

Longitudes Eclípticas - 00H00

DATA	SOL	LUA	LUA (12H)	MER	VEN	MAR	JUP	SAT
01.01.2022	280°32'	255°29'	263°02'	298°11'	293°18'	253°06'	330°33'	311°54'
02.01.2022	281°33'	270°36'	278°12'	299°35'	292°48'	253°49'	330°44'	312°01'
03.01.2022	282°34'	285°46'	293°18'	300°57'	292°16'	254°31'	330°56'	312°07'
04.01.2022	283°35'	300°47'	308°12'	302°16'	291°43'	255°14'	331°08'	312°14'
05.01.2022	284°36'	315°31'	322°44'	303°32'	291°09'	255°57'	331°20'	312°21'
06.01.2022	285°38'	329°50'	336°49'	304°43'	290°33'	256°40'	331°32'	312°27'
07.01.2022	286°39'	343°41'	350°25'	305°50'	289°58'	257°23'	331°45'	312°34'
08.01.2022	287°40'	357°02'	3°33'	306°52'	289°21'	258°05'	331°57'	312°41'
09.01.2022	288°41'	9°57'	16°15'	307°47'	288°44'	258°48'	332°09'	312°47'
10.01.2022	289°42'	22°27'	28°35'	308°35'	288°08'	259°31'	332°22'	312°54'
11.01.2022	290°43'	34°39'	40°40'	309°15'	287°31'	260°14'	332°34'	313°01'
12.01.2022	291°45'	46°37'	52°33'	309°46'	286°55'	260°57'	332°47'	313°08'
13.01.2022	292°46'	58°28'	64°21'	310°08'	286°20'	261°40'	333°00'	313°15'
14.01.2022	293°47'	70°14'	76°07'	310°19'	285°46'	262°24'	333°12'	313°22'
15.01.2022	294°48'	82°01'	87°56'	310°19'	285°13'	263°07'	333°25'	313°29'
16.01.2022	295°49'	93°52'	99°50'	310°07'	284°41'	263°50'	333°38'	313°35'
17.01.2022	296°50'	105°50'	111°52'	309°43'	284°11'	264°33'	333°51'	313°42'
18.01.2022	297°51'	117°56'	124°03'	309°08'	283°43'	265°16'	334°04'	313°49'
19.01.2022	298°52'	130°12'	136°24'	308°22'	283°17'	266°00'	334°17'	313°56'
20.01.2022	299°53'	142°39'	148°56'	307°26'	282°53'	266°43'	334°30'	314°04'
21.01.2022	300°54'	155°16'	161°38'	306°22'	282°31'	267°26'	334°44'	314°11'
22.01.2022	301°55'	168°04'	174°32'	305°11'	282°12'	268°10'	334°57'	314°18'
23.01.2022	302°56'	181°04'	187°39'	303°56'	281°55'	268°53'	335°10'	314°25'
24.01.2022	303°57'	194°17'	200°59'	302°40'	281°40'	269°37'	335°24'	314°32'
25.01.2022	304°58'	207°45'	214°35'	301°23'	281°28'	270°20'	335°37'	314°39'
26.01.2022	305°59'	221°29'	228°28'	300°09'	281°19'	271°04'	335°51'	314°46'
27.01.2022	307°00'	235°31'	242°38'	299°00'	281°11'	271°47'	336°04'	314°53'
28.01.2022	308°01'	249°49'	257°05'	297°57'	281°07'	272°31'	336°18'	315°00'
29.01.2022	309°02'	264°23'	271°45'	297°01'	281°05'	273°15'	336°31'	315°08'
30.01.2022	310°03'	279°09'	286°34'	296°13'	281°05'	273°58'	336°45'	315°15'
31.01.2022	311°04'	294°00'	301°25'	295°34'	281°08'	274°42'	336°59'	315°22'
01.02.2022	312°05'	308°48'	316°08'	295°03'	281°13'	275°26'	337°13'	315°29'
02.02.2022	313°06'	323°24'	330°36'	294°41'	281°20'	276°10'	337°27'	315°36'
03.02.2022	314°07'	337°42'	344°42'	294°28'	281°30'	276°54'	337°40'	315°44'
04.02.2022	315°08'	351°35'	358°21'	294°23'	281°42'	277°37'	337°54'	315°51'
05.02.2022	316°09'	5°01'	11°34'	294°25'	281°56'	278°21'	338°08'	315°58'
06.02.2022	317°10'	18°00'	24°20'	294°35'	282°12'	279°05'	338°22'	316°05'
07.02.2022	318°10'	30°35'	36°45'	294°51'	282°30'	279°49'	338°36'	316°12'
08.02.2022	319°11'	42°50'	48°51'	295°13'	282°50'	280°33'	338°50'	316°19'
09.02.2022	320°12'	54°50'	60°46'	295°41'	283°12'	281°17'	339°05'	316°27'
10.02.2022	321°13'	66°41'	72°34'	296°15'	283°35'	282°01'	339°19'	316°34'
11.02.2022	322°14'	78°28'	84°22'	296°53'	284°01'	282°45'	339°33'	316°41'
12.02.2022	323°14'	90°16'	96°13'	297°35'	284°28'	283°29'	339°47'	316°48'
13.02.2022	324°15'	102°11'	108°12'	298°21'	284°57'	284°14'	340°01'	316°55'
14.02.2022	325°16'	114°15'	120°22'	299°11'	285°27'	284°58'	340°16'	317°03'
15.02.2022	326°16'	126°32'	132°45'	300°05'	285°59'	285°42'	340°30'	317°10'
16.02.2022	327°17'	139°02'	145°22'	301°01'	286°32'	286°26'	340°44'	317°17'
17.02.2022	328°17'	151°45'	158°13'	302°01'	287°07'	287°11'	340°59'	317°24'
18.02.2022	329°18'	164°43'	171°16'	303°03'	287°43'	287°55'	341°13'	317°31'
19.02.2022	330°18'	177°52'	184°31'	304°07'	288°20'	288°39'	341°27'	317°38'
20.02.2022	331°19'	191°13'	197°57'	305°14'	288°59'	289°24'	341°42'	317°45'
21.02.2022	332°19'	204°43'	211°31'	306°23'	289°39'	290°08'	341°56'	317°52'
22.02.2022	333°20'	218°22'	225°15'	307°34'	290°20'	290°52'	342°10'	317°59'
23.02.2022	334°20'	232°11'	239°08'	308°47'	291°02'	291°37'	342°25'	318°06'

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24.02.2022	335°21'	246°08'	253°10'	310°01'	291°45'	292°21'	342°39'	318°13'
25.02.2022	336°21'	260°15'	267°21'	311°18'	292°29'	293°06'	342°54'	318°20'
26.02.2022	337°21'	274°29'	281°39'	312°35'	293°14'	293°51'	343°08'	318°27'
27.02.2022	338°22'	288°51'	296°03'	313°55'	294°00'	294°35'	343°23'	318°34'
28.02.2022	339°22'	303°15'	310°26'	315°15'	294°47'	295°20'	343°37'	318°41'
01.03.2022	340°22'	317°36'	324°44'	316°38'	295°35'	296°04'	343°52'	318°48'
02.03.2022	341°22'	331°50'	338°52'	318°01'	296°24'	296°49'	344°06'	318°55'
03.03.2022	342°23'	345°49'	352°43'	319°26'	297°13'	297°34'	344°21'	319°02'
04.03.2022	343°23'	359°30'	6°13'	320°52'	298°03'	298°19'	344°35'	319°08'
05.03.2022	344°23'	12°50'	19°21'	322°19'	298°54'	299°03'	344°50'	319°15'
06.03.2022	345°23'	25°46'	32°06'	323°48'	299°46'	299°48'	345°04'	319°22'
07.03.2022	346°23'	38°21'	44°31'	325°18'	300°38'	300°33'	345°19'	319°29'
08.03.2022	347°23'	50°37'	56°40'	326°49'	301°31'	301°18'	345°33'	319°35'
09.03.2022	348°23'	62°40'	68°37'	328°21'	302°25'	302°03'	345°48'	319°42'
10.03.2022	349°23'	74°32'	80°27'	329°54'	303°19'	302°47'	346°02'	319°49'
11.03.2022	350°23'	86°21'	92°16'	331°28'	304°13'	303°32'	346°17'	319°55'
12.03.2022	351°23'	98°11'	104°09'	333°04'	305°09'	304°17'	346°31'	320°02'
13.03.2022	352°23'	110°08'	116°11'	334°41'	306°04'	305°02'	346°46'	320°08'
14.03.2022	353°23'	122°17'	128°26'	336°19'	307°01'	305°47'	347°00'	320°15'
15.03.2022	354°23'	134°40'	140°58'	337°58'	307°58'	306°32'	347°15'	320°21'
16.03.2022	355°23'	147°20'	153°47'	339°38'	308°55'	307°17'	347°29'	320°27'
17.03.2022	356°22'	160°18'	166°55'	341°20'	309°53'	308°02'	347°44'	320°34'
18.03.2022	357°22'	173°35'	180°19'	343°02'	310°51'	308°47'	347°58'	320°40'
19.03.2022	358°22'	187°07'	193°59'	344°46'	311°49'	309°32'	348°13'	320°46'
20.03.2022	359°21'	200°53'	207°49'	346°31'	312°48'	310°17'	348°27'	320°52'
21.03.2022	0°21'	214°48'	221°49'	348°18'	313°48'	311°02'	348°41'	320°58'
22.03.2022	1°21'	228°51'	235°54'	350°05'	314°48'	311°47'	348°56'	321°04'
23.03.2022	2°20'	242°57'	250°01'	351°54'	315°48'	312°33'	349°10'	321°10'
24.03.2022	3°20'	257°05'	264°10'	353°45'	316°48'	313°18'	349°24'	321°16'
25.03.2022	4°19'	271°14'	278°18'	355°36'	317°49'	314°03'	349°39'	321°22'
26.03.2022	5°19'	285°22'	292°25'	357°29'	318°51'	314°48'	349°53'	321°28'
27.03.2022	6°18'	299°28'	306°29'	359°23'	319°52'	315°33'	350°07'	321°34'
28.03.2022	7°17'	313°29'	320°27'	1°18'	320°54'	316°19'	350°21'	321°40'
29.03.2022	8°17'	327°23'	334°17'	3°15'	321°56'	317°04'	350°36'	321°46'
30.03.2022	9°16'	341°09'	347°57'	5°13'	322°59'	317°49'	350°50'	321°51'
31.03.2022	10°15'	354°42'	1°23'	7°12'	324°01'	318°34'	351°04'	321°57'
01.04.2022	11°15'	8°00'	14°33'	9°12'	325°05'	319°20'	351°18'	322°02'
02.04.2022	12°14'	21°02'	27°26'	11°13'	326°08'	320°05'	351°32'	322°08'
03.04.2022	13°13'	33°46'	40°02'	13°15'	327°11'	320°50'	351°46'	322°13'
04.04.2022	14°12'	46°14'	52°22'	15°18'	328°15'	321°35'	352°00'	322°19'
05.04.2022	15°11'	58°27'	64°29'	17°22'	329°19'	322°21'	352°14'	322°24'
06.04.2022	16°11'	70°28'	76°26'	19°26'	330°23'	323°06'	352°28'	322°29'
07.04.2022	17°10'	82°21'	88°16'	21°31'	331°28'	323°51'	352°42'	322°34'
08.04.2022	18°09'	94°11'	100°06'	23°36'	332°32'	324°37'	352°56'	322°39'
09.04.2022	19°08'	106°02'	112°00'	25°41'	333°37'	325°22'	353°09'	322°44'
10.04.2022	20°07'	118°00'	124°02'	27°45'	334°42'	326°07'	353°23'	322°49'
11.04.2022	21°06'	130°08'	136°18'	29°49'	335°48'	326°53'	353°37'	322°54'
12.04.2022	22°04'	142°33'	148°52'	31°52'	336°53'	327°38'	353°50'	322°59'
13.04.2022	23°03'	155°17'	161°47'	33°53'	337°59'	328°23'	354°04'	323°04'
14.04.2022	24°02'	168°22'	175°03'	35°53'	339°04'	329°09'	354°18'	323°09'
15.04.2022	25°01'	181°50'	188°42'	37°50'	340°10'	329°54'	354°31'	323°13'
16.04.2022	26°00'	195°39'	202°41'	39°45'	341°16'	330°40'	354°44'	323°18'
17.04.2022	26°58'	209°46'	216°56'	41°38'	342°23'	331°25'	354°58'	323°22'
18.04.2022	27°57'	224°08'	231°22'	43°27'	343°29'	332°10'	355°11'	323°26'
19.04.2022	28°56'	238°37'	245°54'	45°13'	344°36'	332°56'	355°25'	323°31'

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20.04.2022	29°54'	253°10'	260°26'	46°56'	345°43'	333°41'	355°38'	323°35'
21.04.2022	30°53'	267°40'	274°53'	48°35'	346°49'	334°26'	355°51'	323°39'
22.04.2022	31°51'	282°04'	289°12'	50°09'	347°57'	335°12'	356°04'	323°43'
23.04.2022	32°50'	296°18'	303°21'	51°40'	349°04'	335°57'	356°17'	323°47'
24.04.2022	33°48'	310°21'	317°17'	53°06'	350°11'	336°42'	356°30'	323°51'
25.04.2022	34°47'	324°10'	331°00'	54°27'	351°18'	337°28'	356°43'	323°55'
26.04.2022	35°45'	337°46'	344°29'	55°44'	352°26'	338°13'	356°56'	323°59'
27.04.2022	36°44'	351°08'	357°43'	56°57'	353°34'	338°59'	357°09'	324°02'
28.04.2022	37°42'	4°16'	10°44'	58°04'	354°42'	339°44'	357°21'	324°06'
29.04.2022	38°40'	17°10'	23°31'	59°06'	355°50'	340°29'	357°34'	324°10'
30.04.2022	39°39'	29°50'	36°05'	60°04'	356°58'	341°15'	357°47'	324°13'
01.05.2022	40°37'	42°18'	48°27'	60°56'	358°06'	342°00'	357°59'	324°16'
02.05.2022	41°35'	54°33'	60°37'	61°43'	359°14'	342°45'	358°12'	324°20'
03.05.2022	42°33'	66°38'	72°38'	62°25'	0°22'	343°30'	358°24'	324°23'
04.05.2022	43°32'	78°35'	84°32'	63°02'	1°31'	344°16'	358°36'	324°26'
05.05.2022	44°30'	90°27'	96°22'	63°33'	2°39'	345°01'	358°49'	324°29'
06.05.2022	45°28'	102°16'	108°11'	63°59'	3°48'	345°46'	359°01'	324°32'
07.05.2022	46°26'	114°08'	120°05'	64°20'	4°57'	346°31'	359°13'	324°35'
08.05.2022	47°24'	126°05'	132°07'	64°36'	6°05'	347°17'	359°25'	324°37'
09.05.2022	48°22'	138°12'	144°21'	64°46'	7°14'	348°02'	359°37'	324°40'
10.05.2022	49°20'	150°35'	156°53'	64°51'	8°23'	348°47'	359°49'	324°42'
11.05.2022	50°18'	163°16'	169°46'	64°51'	9°32'	349°32'	0°00'	324°45'
12.05.2022	51°16'	176°21'	183°02'	64°46'	10°41'	350°17'	0°12'	324°47'
13.05.2022	52°14'	189°50'	196°44'	64°36'	11°50'	351°02'	0°23'	324°50'
14.05.2022	53°12'	203°45'	210°51'	64°22'	13°00'	351°47'	0°35'	324°52'
15.05.2022	54°10'	218°03'	225°20'	64°04'	14°09'	352°32'	0°46'	324°54'
16.05.2022	55°08'	232°41'	240°06'	63°42'	15°18'	353°17'	0°58'	324°56'
17.05.2022	56°06'	247°33'	255°01'	63°16'	16°28'	354°02'	1°09'	324°58'
18.05.2022	57°03'	262°30'	269°59'	62°48'	17°38'	354°47'	1°20'	324°59'
19.05.2022	58°01'	277°26'	284°50'	62°17'	18°47'	355°32'	1°31'	325°01'
20.05.2022	58°59'	292°11'	299°28'	61°45'	19°57'	356°17'	1°42'	325°03'
21.05.2022	59°57'	306°41'	313°48'	61°11'	21°07'	357°02'	1°53'	325°04'
22.05.2022	60°54'	320°51'	327°48'	60°36'	22°16'	357°47'	2°03'	325°06'
23.05.2022	61°52'	334°40'	341°27'	60°02'	23°26'	358°32'	2°14'	325°07'
24.05.2022	62°50'	348°08'	354°44'	59°28'	24°36'	359°17'	2°24'	325°08'
25.05.2022	63°47'	1°16'	7°43'	58°55'	25°46'	0°01'	2°35'	325°09'
26.05.2022	64°45'	14°06'	20°26'	58°24'	26°56'	0°46'	2°45'	325°10'
27.05.2022	65°43'	26°42'	32°54'	57°55'	28°07'	1°31'	2°55'	325°11'
28.05.2022	66°40'	39°04'	45°11'	57°28'	29°17'	2°15'	3°05'	325°12'
29.05.2022	67°38'	51°16'	57°18'	57°05'	30°27'	3°00'	3°15'	325°13'
30.05.2022	68°36'	63°19'	69°18'	56°45'	31°37'	3°45'	3°25'	325°14'
31.05.2022	69°33'	75°16'	81°12'	56°29'	32°48'	4°29'	3°35'	325°14'
01.06.2022	70°31'	87°08'	93°03'	56°17'	33°58'	5°14'	3°44'	325°14'
02.06.2022	71°28'	98°58'	104°52'	56°09'	35°09'	5°58'	3°54'	325°15'
03.06.2022	72°26'	110°47'	116°43'	56°05'	36°19'	6°42'	4°03'	325°15'
04.06.2022	73°23'	122°40'	128°38'	56°06'	37°30'	7°27'	4°12'	325°15'
05.06.2022	74°21'	134°38'	140°40'	56°11'	38°40'	8°11'	4°21'	325°15'
06.06.2022	75°18'	146°45'	152°53'	56°21'	39°51'	8°55'	4°30'	325°15'
07.06.2022	76°16'	159°06'	165°22'	56°35'	41°01'	9°39'	4°39'	325°15'
08.06.2022	77°13'	171°43'	178°10'	56°54'	42°12'	10°23'	4°48'	325°15'
09.06.2022	78°10'	184°42'	191°21'	57°17'	43°23'	11°07'	4°57'	325°14'
10.06.2022	79°08'	198°06'	204°58'	57°44'	44°34'	11°51'	5°05'	325°14'
11.06.2022	80°05'	211°56'	219°02'	58°16'	45°45'	12°35'	5°13'	325°13'
12.06.2022	81°02'	226°13'	233°31'	58°52'	46°55'	13°19'	5°21'	325°13'
13.06.2022	82°00'	240°55'	248°23'	59°32'	48°06'	14°03'	5°29'	325°12'

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14.06.2022	82°57'	255°55'	263°31'	60°16'	49°17'	14°47'	5°37'	325°11'
15.06.2022	83°54'	271°07'	278°44'	61°04'	50°28'	15°31'	5°45'	325°10'
16.06.2022	84°52'	286°20'	293°54'	61°56'	51°40'	16°14'	5°53'	325°09'
17.06.2022	85°49'	301°25'	308°51'	62°52'	52°51'	16°58'	6°00'	325°08'
18.06.2022	86°46'	316°12'	323°26'	63°52'	54°02'	17°41'	6°08'	325°07'
19.06.2022	87°43'	330°35'	337°36'	64°55'	55°13'	18°25'	6°15'	325°06'
20.06.2022	88°41'	344°31'	351°19'	66°02'	56°24'	19°08'	6°22'	325°04'
21.06.2022	89°38'	358°00'	4°35'	67°12'	57°36'	19°51'	6°29'	325°03'
22.06.2022	90°35'	11°04'	17°28'	68°26'	58°47'	20°35'	6°35'	325°01'
23.06.2022	91°32'	23°47'	30°01'	69°44'	59°58'	21°18'	6°42'	324°59'
24.06.2022	92°30'	36°11'	42°18'	71°04'	61°10'	22°01'	6°48'	324°58'
25.06.2022	93°27'	48°22'	54°24'	72°29'	62°21'	22°44'	6°55'	324°56'
26.06.2022	94°24'	60°23'	66°21'	73°56'	63°33'	23°27'	7°01'	324°54'
27.06.2022	95°21'	72°18'	78°13'	75°27'	64°44'	24°10'	7°07'	324°52'
28.06.2022	96°19'	84°08'	90°03'	77°02'	65°56'	24°53'	7°12'	324°50'
29.06.2022	97°16'	95°58'	101°53'	78°39'	67°07'	25°35'	7°18'	324°48'
30.06.2022	98°13'	107°48'	113°44'	80°20'	68°19'	26°18'	7°24'	324°45'
01.07.2022	99°10'	119°40'	125°38'	82°04'	69°31'	27°00'	7°29'	324°43'
02.07.2022	100°08'	131°37'	137°37'	83°51'	70°43'	27°43'	7°34'	324°40'
03.07.2022	101°05'	143°40'	149°44'	85°41'	71°54'	28°25'	7°39'	324°38'
04.07.2022	102°02'	155°51'	162°01'	87°33'	73°06'	29°07'	7°44'	324°35'
05.07.2022	102°59'	168°13'	174°30'	89°29'	74°18'	29°49'	7°48'	324°33'
06.07.2022	103°56'	180°51'	187°16'	91°27'	75°30'	30°31'	7°53'	324°30'
07.07.2022	104°54'	193°46'	200°21'	93°27'	76°42'	31°13'	7°57'	324°27'
08.07.2022	105°51'	207°02'	213°50'	95°29'	77°54'	31°55'	8°01'	324°24'
09.07.2022	106°48'	220°44'	227°44'	97°33'	79°06'	32°37'	8°05'	324°21'
10.07.2022	107°45'	234°51'	242°04'	99°39'	80°18'	33°18'	8°08'	324°18'
11.07.2022	108°42'	249°24'	256°49'	101°46'	81°30'	34°00'	8°12'	324°15'
12.07.2022	109°40'	264°19'	271°53'	103°54'	82°42'	34°41'	8°15'	324°11'
13.07.2022	110°37'	279°30'	287°08'	106°03'	83°54'	35°23'	8°18'	324°08'
14.07.2022	111°34'	294°46'	302°24'	108°12'	85°06'	36°04'	8°21'	324°05'
15.07.2022	112°31'	309°58'	317°29'	110°21'	86°18'	36°45'	8°24'	324°01'
16.07.2022	113°28'	324°55'	332°15'	112°30'	87°31'	37°26'	8°27'	323°58'
17.07.2022	114°26'	339°28'	346°34'	114°39'	88°43'	38°07'	8°29'	323°54'
18.07.2022	115°23'	353°33'	0°24'	116°47'	89°55'	38°48'	8°31'	323°51'
19.07.2022	116°20'	7°08'	13°45'	118°54'	91°08'	39°28'	8°33'	323°47'
20.07.2022	117°17'	20°15'	26°38'	121°00'	92°20'	40°09'	8°35'	323°43'
21.07.2022	118°15'	32°56'	39°09'	123°05'	93°33'	40°49'	8°37'	323°40'
22.07.2022	119°12'	45°18'	51°23'	125°08'	94°45'	41°29'	8°38'	323°36'
23.07.2022	120°09'	57°25'	63°24'	127°10'	95°58'	42°09'	8°40'	323°32'
24.07.2022	121°07'	69°21'	75°17'	129°11'	97°10'	42°49'	8°41'	323°28'
25.07.2022	122°04'	81°12'	87°06'	131°10'	98°23'	43°29'	8°42'	323°24'
26.07.2022	123°01'	93°00'	98°55'	133°08'	99°36'	44°09'	8°42'	323°20'
27.07.2022	123°59'	104°50'	110°46'	135°04'	100°48'	44°49'	8°43'	323°16'
28.07.2022	124°56'	116°43'	122°41'	136°58'	102°01'	45°28'	8°43'	323°12'
29.07.2022	125°53'	128°41'	134°43'	138°50'	103°14'	46°07'	8°43'	323°07'
30.07.2022	126°51'	140°46'	146°51'	140°41'	104°27'	46°46'	8°43'	323°03'
31.07.2022	127°48'	152°58'	159°08'	142°30'	105°40'	47°25'	8°43'	322°59'
01.08.2022	128°45'	165°19'	171°34'	144°18'	106°52'	48°04'	8°42'	322°55'
02.08.2022	129°43'	177°51'	184°11'	146°04'	108°05'	48°43'	8°41'	322°50'
03.08.2022	130°40'	190°34'	197°01'	147°48'	109°18'	49°21'	8°40'	322°46'
04.08.2022	131°38'	203°32'	210°07'	149°31'	110°31'	50°00'	8°39'	322°42'
05.08.2022	132°35'	216°47'	223°32'	151°11'	111°44'	50°38'	8°38'	322°37'
06.08.2022	133°33'	230°22'	237°18'	152°51'	112°58'	51°16'	8°36'	322°33'
07.08.2022	134°30'	244°19'	251°26'	154°28'	114°11'	51°54'	8°35'	322°29'

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08.08.2022	135°28'	258°38'	265°56'	156°04'	115°24'	52°31'	8°33'	322°24'
09.08.2022	136°25'	273°18'	280°44'	157°39'	116°37'	53°09'	8°31'	322°20'
10.08.2022	137°23'	288°14'	295°45'	159°11'	117°50'	53°46'	8°28'	322°15'
11.08.2022	138°20'	303°18'	310°51'	160°43'	119°03'	54°23'	8°26'	322°11'
12.08.2022	139°18'	318°22'	325°50'	162°12'	120°17'	55°00'	8°23'	322°06'
13.08.2022	140°15'	333°14'	340°34'	163°40'	121°30'	55°37'	8°20'	322°02'
14.08.2022	141°13'	347°47'	354°54'	165°06'	122°44'	56°13'	8°17'	321°57'
15.08.2022	142°10'	1°54'	8°47'	166°31'	123°57'	56°50'	8°14'	321°53'
16.08.2022	143°08'	15°33'	22°12'	167°54'	125°10'	57°26'	8°11'	321°48'
17.08.2022	144°06'	28°43'	35°09'	169°15'	126°24'	58°02'	8°07'	321°44'
18.08.2022	145°03'	41°28'	47°42'	170°34'	127°37'	58°38'	8°03'	321°39'
19.08.2022	146°01'	53°52'	59°57'	171°51'	128°51'	59°13'	7°59'	321°35'
20.08.2022	146°59'	65°59'	71°58'	173°07'	130°05'	59°48'	7°55'	321°30'
21.08.2022	147°57'	77°55'	83°51'	174°21'	131°18'	60°23'	7°51'	321°26'
22.08.2022	148°54'	89°46'	95°40'	175°32'	132°32'	60°58'	7°46'	321°21'
23.08.2022	149°52'	101°35'	107°31'	176°42'	133°46'	61°33'	7°42'	321°17'
24.08.2022	150°50'	113°27'	119°25'	177°49'	134°59'	62°07'	7°37'	321°13'
25.08.2022	151°48'	125°25'	131°27'	178°55'	136°13'	62°42'	7°32'	321°08'
26.08.2022	152°46'	137°32'	143°38'	179°57'	137°27'	63°16'	7°27'	321°04'
27.08.2022	153°44'	149°47'	155°59'	180°58'	138°41'	63°49'	7°21'	320°59'
28.08.2022	154°42'	162°13'	168°30'	181°55'	139°55'	64°23'	7°16'	320°55'
29.08.2022	155°40'	174°50'	181°12'	182°50'	141°09'	64°56'	7°10'	320°51'
30.08.2022	156°38'	187°37'	194°05'	183°42'	142°23'	65°29'	7°05'	320°47'
31.08.2022	157°36'	200°35'	207°09'	184°31'	143°37'	66°01'	6°59'	320°42'
01.09.2022	158°34'	213°46'	220°25'	185°17'	144°51'	66°34'	6°53'	320°38'
02.09.2022	159°32'	227°09'	233°56'	185°59'	146°05'	67°06'	6°46'	320°34'
03.09.2022	160°30'	240°46'	247°40'	186°37'	147°19'	67°37'	6°40'	320°30'
04.09.2022	161°28'	254°39'	261°41'	187°11'	148°33'	68°09'	6°33'	320°26'
05.09.2022	162°26'	268°47'	275°57'	187°41'	149°47'	68°40'	6°27'	320°22'
06.09.2022	163°24'	283°10'	290°26'	188°06'	151°02'	69°11'	6°20'	320°18'
07.09.2022	164°22'	297°45'	305°05'	188°26'	152°16'	69°42'	6°13'	320°14'
08.09.2022	165°21'	312°26'	319°48'	188°42'	153°30'	70°12'	6°06'	320°10'
09.09.2022	166°19'	327°08'	334°26'	188°51'	154°44'	70°42'	5°59'	320°06'
10.09.2022	167°17'	341°42'	348°53'	188°55'	155°59'	71°11'	5°52'	320°03'
11.09.2022	168°15'	356°01'	3°03'	188°53'	157°13'	71°41'	5°45'	319°59'
12.09.2022	169°14'	9°59'	16°49'	188°45'	158°27'	72°10'	5°38'	319°55'
13.09.2022	170°12'	23°33'	30°11'	188°30'	159°42'	72°38'	5°30'	319°52'
14.09.2022	171°10'	36°43'	43°09'	188°08'	160°56'	73°07'	5°23'	319°48'
15.09.2022	172°09'	49°29'	55°44'	187°39'	162°11'	73°35'	5°15'	319°45'
16.09.2022	173°07'	61°55'	68°01'	187°04'	163°25'	74°02'	5°07'	319°41'
17.09.2022	174°06'	74°04'	80°04'	186°22'	164°40'	74°29'	5°00'	319°38'
18.09.2022	175°04'	86°02'	91°59'	185°34'	165°54'	74°56'	4°52'	319°35'
19.09.2022	176°03'	97°55'	103°50'	184°41'	167°09'	75°22'	4°44'	319°32'
20.09.2022	177°01'	109°46'	115°43'	183°43'	168°23'	75°48'	4°36'	319°29'
21.09.2022	178°00'	121°41'	127°41'	182°42'	169°38'	76°14'	4°28'	319°26'
22.09.2022	178°59'	133°43'	139°48'	181°38'	170°52'	76°39'	4°20'	319°23'
23.09.2022	179°57'	145°56'	152°07'	180°33'	172°07'	77°04'	4°12'	319°20'
24.09.2022	180°56'	158°22'	164°40'	179°28'	173°22'	77°28'	4°04'	319°17'
25.09.2022	181°55'	171°02'	177°28'	178°26'	174°37'	77°52'	3°56'	319°14'
26.09.2022	182°54'	183°57'	190°29'	177°28'	175°51'	78°15'	3°48'	319°12'
27.09.2022	183°53'	197°05'	203°43'	176°35'	177°06'	78°38'	3°40'	319°09'
28.09.2022	184°51'	210°25'	217°10'	175°48'	178°21'	79°01'	3°32'	319°07'
29.09.2022	185°50'	223°58'	230°48'	175°10'	179°36'	79°23'	3°24'	319°04'
30.09.2022	186°49'	237°40'	244°35'	174°41'	180°50'	79°44'	3°16'	319°02'
01.10.2022	187°48'	251°32'	258°31'	174°22'	182°05'	80°05'	3°08'	319°00'

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02.10.2022	188°47'	265°31'	272°34'	174°13'	183°20'	80°25'	3°00'	318°58'
03.10.2022	189°46'	279°38'	286°44'	174°14'	184°35'	80°45'	2°52'	318°56'
04.10.2022	190°45'	293°51'	300°59'	174°26'	185°50'	81°04'	2°44'	318°54'
05.10.2022	191°44'	308°08'	315°16'	174°47'	187°05'	81°23'	2°36'	318°52'
06.10.2022	192°43'	322°25'	329°32'	175°19'	188°20'	81°41'	2°29'	318°50'
07.10.2022	193°43'	336°38'	343°42'	176°00'	189°35'	81°59'	2°21'	318°48'
08.10.2022	194°42'	350°44'	357°43'	176°49'	190°50'	82°16'	2°13'	318°47'
09.10.2022	195°41'	4°38'	11°30'	177°46'	192°04'	82°32'	2°06'	318°45'
10.10.2022	196°40'	18°17'	24°59'	178°50'	193°19'	82°48'	1°58'	318°44'
11.10.2022	197°39'	31°37'	38°10'	180°00'	194°34'	83°03'	1°51'	318°43'
12.10.2022	198°39'	44°38'	51°01'	181°17'	195°49'	83°18'	1°43'	318°42'
13.10.2022	199°38'	57°19'	63°34'	182°37'	197°04'	83°32'	1°36'	318°41'
14.10.2022	200°38'	69°44'	75°50'	184°03'	198°19'	83°45'	1°29'	318°40'
15.10.2022	201°37'	81°54'	87°55'	185°31'	199°35'	83°58'	1°22'	318°39'
16.10.2022	202°36'	93°53'	99°51'	187°03'	200°50'	84°10'	1°15'	318°38'
17.10.2022	203°36'	105°47'	111°43'	188°37'	202°05'	84°21'	1°08'	318°37'
18.10.2022	204°35'	117°39'	123°36'	190°13'	203°20'	84°32'	1°01'	318°37'
19.10.2022	205°35'	129°34'	135°35'	191°51'	204°35'	84°41'	0°54'	318°36'
20.10.2022	206°35'	141°38'	147°44'	193°30'	205°50'	84°50'	0°48'	318°36'
21.10.2022	207°34'	153°54'	160°07'	195°09'	207°05'	84°59'	0°42'	318°36'
22.10.2022	208°34'	166°25'	172°47'	196°50'	208°20'	85°06'	0°35'	318°35'
23.10.2022	209°34'	179°14'	185°46'	198°31'	209°35'	85°13'	0°29'	318°35'
24.10.2022	210°33'	192°23'	199°04'	200°12'	210°51'	85°19'	0°23'	318°35'
25.10.2022	211°33'	205°50'	212°41'	201°54'	212°06'	85°24'	0°18'	318°36'
26.10.2022	212°33'	219°35'	226°33'	203°35'	213°21'	85°28'	0°12'	318°36'
27.10.2022	213°33'	233°35'	240°39'	205°17'	214°36'	85°31'	0°06'	318°36'
28.10.2022	214°33'	247°45'	254°53'	206°58'	215°51'	85°34'	0°01'	318°37'
29.10.2022	215°33'	262°02'	269°11'	208°39'	217°06'	85°36'	359°56'	318°37'
30.10.2022	216°33'	276°21'	283°31'	210°19'	218°22'	85°37'	359°51'	318°38'
31.10.2022	217°33'	290°40'	297°48'	212°00'	219°37'	85°37'	359°46'	318°39'
01.11.2022	218°33'	304°54'	311°59'	213°40'	220°52'	85°36'	359°42'	318°39'
02.11.2022	219°33'	319°02'	326°03'	215°19'	222°07'	85°34'	359°37'	318°40'
03.11.2022	220°33'	333°02'	339°58'	216°58'	223°23'	85°32'	359°33'	318°41'
04.11.2022	221°33'	346°52'	353°42'	218°37'	224°38'	85°28'	359°29'	318°43'
05.11.2022	222°33'	0°30'	7°14'	220°15'	225°53'	85°24'	359°25'	318°44'
06.11.2022	223°33'	13°56'	20°34'	221°53'	227°08'	85°19'	359°21'	318°45'
07.11.2022	224°33'	27°09'	33°40'	223°31'	228°23'	85°13'	359°17'	318°47'
08.11.2022	225°33'	40°07'	46°32'	225°08'	229°39'	85°06'	359°14'	318°48'
09.11.2022	226°33'	52°52'	59°09'	226°44'	230°54'	84°58'	359°11'	318°50'
10.11.2022	227°34'	65°23'	71°34'	228°21'	232°09'	84°49'	359°08'	318°52'
11.11.2022	228°34'	77°42'	83°46'	229°57'	233°24'	84°40'	359°05'	318°54'
12.11.2022	229°34'	89°49'	95°49'	231°32'	234°40'	84°29'	359°03'	318°56'
13.11.2022	230°35'	101°47'	107°44'	233°08'	235°55'	84°18'	359°00'	318°58'
14.11.2022	231°35'	113°41'	119°36'	234°43'	237°10'	84°06'	358°58'	319°00'
15.11.2022	232°35'	125°32'	131°29'	236°17'	238°25'	83°53'	358°56'	319°02'
16.11.2022	233°36'	137°26'	143°26'	237°52'	239°41'	83°39'	358°55'	319°04'
17.11.2022	234°36'	149°28'	155°33'	239°26'	240°56'	83°25'	358°53'	319°07'
18.11.2022	235°37'	161°41'	167°54'	241°00'	242°11'	83°09'	358°52'	319°09'
19.11.2022	236°37'	174°11'	180°33'	242°34'	243°27'	82°53'	358°50'	319°12'
20.11.2022	237°38'	187°01'	193°35'	244°07'	244°42'	82°36'	358°50'	319°15'
21.11.2022	238°38'	200°14'	207°00'	245°40'	245°57'	82°19'	358°49'	319°18'
22.11.2022	239°39'	213°52'	220°50'	247°13'	247°12'	82°01'	358°48'	319°21'
23.11.2022	240°40'	227°53'	235°02'	248°46'	248°28'	81°42'	358°48'	319°24'
24.11.2022	241°40'	242°15'	249°33'	250°19'	249°43'	81°22'	358°48'	319°27'
25.11.2022	242°41'	256°53'	264°16'	251°51'	250°58'	81°02'	358°48'	319°30'

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26.11.2022	243°42'	271°40'	279°04'	253°24'	252°14'	80°42'	358°48'	319°33'
27.11.2022	244°42'	286°27'	293°49'	254°56'	253°29'	80°21'	358°49'	319°37'
28.11.2022	245°43'	301°09'	308°25'	256°28'	254°44'	79°59'	358°50'	319°40'
29.11.2022	246°44'	315°38'	322°47'	258°00'	256°00'	79°37'	358°51'	319°44'
30.11.2022	247°45'	329°51'	336°51'	259°32'	257°15'	79°15'	358°52'	319°47'
01.12.2022	248°45'	343°46'	350°37'	261°03'	258°30'	78°53'	358°53'	319°51'
02.12.2022	249°46'	357°23'	4°04'	262°34'	259°46'	78°30'	358°55'	319°55'
03.12.2022	250°47'	10°42'	17°15'	264°06'	261°01'	78°07'	358°56'	319°59'
04.12.2022	251°48'	23°45'	30°12'	265°36'	262°16'	77°44'	358°58'	320°03'
05.12.2022	252°49'	36°35'	42°55'	267°07'	263°31'	77°21'	359°01'	320°07'
06.12.2022	253°50'	49°12'	55°27'	268°37'	264°47'	76°58'	359°03'	320°11'
07.12.2022	254°50'	61°39'	67°48'	270°07'	266°02'	76°34'	359°06'	320°15'
08.12.2022	255°51'	73°56'	80°01'	271°36'	267°17'	76°11'	359°08'	320°20'
09.12.2022	256°52'	86°04'	92°06'	273°05'	268°32'	75°48'	359°11'	320°24'
10.12.2022	257°53'	98°06'	104°04'	274°33'	269°48'	75°25'	359°14'	320°29'
11.12.2022	258°54'	110°02'	115°58'	276°01'	271°03'	75°03'	359°18'	320°33'
12.12.2022	259°55'	121°54'	127°50'	277°27'	272°18'	74°40'	359°21'	320°38'
13.12.2022	260°56'	133°45'	139°41'	278°53'	273°34'	74°18'	359°25'	320°43'
14.12.2022	261°57'	145°39'	151°37'	280°17'	274°49'	73°57'	359°29'	320°47'
15.12.2022	262°58'	157°38'	163°41'	281°40'	276°04'	73°35'	359°33'	320°52'
16.12.2022	263°59'	169°47'	175°57'	283°01'	277°19'	73°14'	359°38'	320°57'
17.12.2022	265°00'	182°11'	188°30'	284°20'	278°35'	72°54'	359°42'	321°02'
18.12.2022	266°01'	194°55'	201°25'	285°36'	279°50'	72°34'	359°47'	321°07'
19.12.2022	267°02'	208°02'	214°46'	286°50'	281°05'	72°14'	359°52'	321°12'
20.12.2022	268°03'	221°37'	228°36'	288°01'	282°20'	71°55'	359°57'	321°18'
21.12.2022	269°04'	235°41'	242°53'	289°08'	283°36'	71°37'	0°02'	321°23'
22.12.2022	270°06'	250°12'	257°36'	290°10'	284°51'	71°20'	0°08'	321°28'
23.12.2022	271°07'	265°05'	272°38'	291°08'	286°06'	71°03'	0°13'	321°34'
24.12.2022	272°08'	280°13'	287°50'	291°59'	287°21'	70°46'	0°19'	321°39'
25.12.2022	273°09'	295°26'	303°00'	292°44'	288°37'	70°31'	0°25'	321°45'
26.12.2022	274°10'	310°32'	318°00'	293°22'	289°52'	70°16'	0°31'	321°50'
27.12.2022	275°11'	325°23'	332°41'	293°51'	291°07'	70°02'	0°37'	321°56'
28.12.2022	276°12'	339°52'	346°57'	294°11'	292°22'	69°49'	0°44'	322°02'
29.12.2022	277°14'	353°56'	0°48'	294°21'	293°37'	69°36'	0°51'	322°07'
30.12.2022	278°15'	7°33'	14°13'	294°19'	294°53'	69°25'	0°57'	322°13'
31.12.2022	279°16'	20°46'	27°15'	294°07'	296°08'	69°14'	1°04'	322°19'
01.01.2023	280°17'	33°39'	39°58'	293°42'	297°23'	69°04'	1°12'	322°25'
02.01.2023	281°18'	46°14'	52°27'	293°06'	298°38'	68°55'	1°19'	322°31'
03.01.2023	282°19'	58°36'	64°43'	292°18'	299°53'	68°46'	1°26'	322°37'
04.01.2023	283°20'	70°48'	76°51'	291°20'	301°08'	68°39'	1°34'	322°43'
05.01.2023	284°22'	82°52'	88°53'	290°13'	302°23'	68°32'	1°42'	322°50'
06.01.2023	285°23'	94°52'	100°50'	288°59'	303°39'	68°26'	1°50'	322°56'
07.01.2023	286°24'	106°47'	112°44'	287°40'	304°54'	68°21'	1°58'	323°02'
08.01.2023	287°25'	118°41'	124°37'	286°20'	306°09'	68°17'	2°06'	323°08'
09.01.2023	288°26'	130°33'	136°29'	284°59'	307°24'	68°14'	2°14'	323°15'
10.01.2023	289°27'	142°26'	148°23'	283°42'	308°39'	68°11'	2°23'	323°21'
11.01.2023	290°28'	154°21'	160°20'	282°31'	309°54'	68°09'	2°32'	323°28'
12.01.2023	291°29'	166°21'	172°24'	281°26'	311°09'	68°08'	2°40'	323°34'
13.01.2023	292°31'	178°30'	184°39'	280°29'	312°24'	68°08'	2°49'	323°41'
14.01.2023	293°32'	190°51'	197°07'	279°42'	313°39'	68°08'	2°58'	323°47'
15.01.2023	294°33'	203°29'	209°55'	279°05'	314°54'	68°09'	3°08'	323°54'
16.01.2023	295°34'	216°28'	223°07'	278°37'	316°09'	68°11'	3°17'	324°00'
17.01.2023	296°35'	229°53'	236°46'	278°19'	317°24'	68°14'	3°26'	324°07'
18.01.2023	297°36'	243°47'	250°55'	278°09'	318°39'	68°18'	3°36'	324°14'
19.01.2023	298°37'	258°10'	265°32'	278°09'	319°54'	68°22'	3°46'	324°21'

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20.01.2023	299°38'	273°00'	280°33'	278°17'	321°08'	68°27'	3°56'	324°27'
21.01.2023	300°39'	288°11'	295°51'	278°32'	322°23'	68°32'	4°06'	324°34'
22.01.2023	301°41'	303°32'	311°13'	278°54'	323°38'	68°39'	4°16'	324°41'
23.01.2023	302°42'	318°53'	326°29'	279°22'	324°53'	68°46'	4°26'	324°48'
24.01.2023	303°43'	334°00'	341°26'	279°56'	326°08'	68°53'	4°36'	324°55'
25.01.2023	304°44'	348°46'	355°58'	280°35'	327°23'	69°02'	4°47'	325°02'
26.01.2023	305°45'	3°03'	10°01'	281°19'	328°37'	69°10'	4°57'	325°09'
27.01.2023	306°46'	16°51'	23°34'	282°07'	329°52'	69°20'	5°08'	325°16'
28.01.2023	307°47'	30°10'	36°39'	282°58'	331°07'	69°30'	5°19'	325°23'
29.01.2023	308°48'	43°03'	49°21'	283°54'	332°21'	69°41'	5°30'	325°30'
30.01.2023	309°49'	55°35'	61°45'	284°52'	333°36'	69°52'	5°41'	325°37'
31.01.2023	310°50'	67°51'	73°55'	285°53'	334°51'	70°04'	5°52'	325°44'
01.02.2023	311°51'	79°56'	85°55'	286°57'	336°05'	70°17'	6°03'	325°51'
02.02.2023	312°51'	91°53'	97°50'	288°03'	337°20'	70°30'	6°15'	325°58'
03.02.2023	313°52'	103°47'	109°43'	289°12'	338°34'	70°43'	6°26'	326°05'
04.02.2023	314°53'	115°39'	121°35'	290°22'	339°49'	70°57'	6°38'	326°13'
05.02.2023	315°54'	127°31'	133°28'	291°35'	341°03'	71°12'	6°49'	326°20'
06.02.2023	316°55'	139°25'	145°24'	292°49'	342°18'	71°27'	7°01'	326°27'
07.02.2023	317°56'	151°23'	157°23'	294°04'	343°32'	71°43'	7°13'	326°34'
08.02.2023	318°56'	163°24'	169°27'	295°21'	344°46'	71°59'	7°25'	326°41'
09.02.2023	319°57'	175°32'	181°39'	296°40'	346°01'	72°15'	7°37'	326°49'
10.02.2023	320°58'	187°47'	193°59'	298°00'	347°15'	72°32'	7°49'	326°56'
11.02.2023	321°59'	200°13'	206°31'	299°21'	348°29'	72°49'	8°01'	327°03'
12.02.2023	322°59'	212°53'	219°19'	300°43'	349°43'	73°07'	8°13'	327°10'
13.02.2023	324°00'	225°50'	232°27'	302°07'	350°58'	73°25'	8°25'	327°17'
14.02.2023	325°01'	239°09'	245°57'	303°32'	352°12'	73°44'	8°38'	327°25'
15.02.2023	326°01'	252°51'	259°52'	304°57'	353°26'	74°03'	8°50'	327°32'
16.02.2023	327°02'	267°00'	274°14'	306°24'	354°40'	74°22'	9°03'	327°39'
17.02.2023	328°02'	281°34'	288°59'	307°52'	355°54'	74°42'	9°15'	327°47'
18.02.2023	329°03'	296°29'	304°03'	309°21'	357°08'	75°02'	9°28'	327°54'
19.02.2023	330°04'	311°39'	319°16'	310°51'	358°22'	75°23'	9°41'	328°01'
20.02.2023	331°04'	326°53'	334°27'	312°22'	359°36'	75°44'	9°54'	328°08'
21.02.2023	332°05'	341°59'	349°27'	313°53'	0°49'	76°05'	10°07'	328°16'
22.02.2023	333°05'	356°49'	4°05'	315°26'	2°03'	76°27'	10°20'	328°23'
23.02.2023	334°06'	11°14'	18°16'	317°00'	3°17'	76°49'	10°33'	328°30'
24.02.2023	335°06'	25°11'	31°59'	318°34'	4°31'	77°11'	10°46'	328°37'
25.02.2023	336°06'	38°39'	45°12'	320°10'	5°44'	77°33'	10°59'	328°44'
26.02.2023	337°07'	51°39'	58°01'	321°47'	6°58'	77°56'	11°12'	328°52'
27.02.2023	338°07'	64°16'	70°28'	323°24'	8°11'	78°19'	11°25'	328°59'
28.02.2023	339°07'	76°35'	82°39'	325°03'	9°25'	78°43'	11°39'	329°06'
01.03.2023	340°08'	88°40'	94°39'	326°43'	10°38'	79°07'	11°52'	329°13'
02.03.2023	341°08'	100°36'	106°32'	328°23'	11°52'	79°31'	12°06'	329°20'
03.03.2023	342°08'	112°28'	118°23'	330°05'	13°05'	79°55'	12°19'	329°28'
04.03.2023	343°08'	124°19'	130°15'	331°47'	14°18'	80°19'	12°33'	329°35'
05.03.2023	344°08'	136°12'	142°11'	333°31'	15°31'	80°44'	12°46'	329°42'
06.03.2023	345°08'	148°10'	154°12'	335°16'	16°44'	81°09'	13°00'	329°49'
07.03.2023	346°09'	160°15'	166°20'	337°02'	17°57'	81°35'	13°14'	329°56'
08.03.2023	347°09'	172°27'	178°36'	338°49'	19°10'	82°00'	13°27'	330°03'
09.03.2023	348°09'	184°47'	191°00'	340°37'	20°23'	82°26'	13°41'	330°10'
10.03.2023	349°09'	197°17'	203°35'	342°26'	21°36'	82°52'	13°55'	330°17'
11.03.2023	350°09'	209°57'	216°22'	344°17'	22°49'	83°18'	14°09'	330°24'
12.03.2023	351°08'	222°49'	229°21'	346°08'	24°02'	83°45'	14°23'	330°31'
13.03.2023	352°08'	235°56'	242°35'	348°01'	25°14'	84°11'	14°37'	330°38'
14.03.2023	353°08'	249°19'	256°07'	349°54'	26°27'	84°38'	14°51'	330°45'
15.03.2023	354°08'	262°59'	269°57'	351°49'	27°39'	85°05'	15°05'	330°52'

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16.03.2023	355°08'	276°59'	284°05'	353°45'	28°52'	85°32'	15°19'	330°59'
17.03.2023	356°08'	291°17'	298°32'	355°42'	30°04'	86°00'	15°33'	331°06'
18.03.2023	357°07'	305°51'	313°12'	357°39'	31°17'	86°27'	15°47'	331°12'
19.03.2023	358°07'	320°36'	328°01'	359°38'	32°29'	86°55'	16°01'	331°19'
20.03.2023	359°07'	335°26'	342°51'	1°38'	33°41'	87°23'	16°15'	331°26'
21.03.2023	0°06'	350°14'	357°33'	3°38'	34°53'	87°51'	16°30'	331°33'
22.03.2023	1°06'	4°49'	12°01'	5°38'	36°05'	88°20'	16°44'	331°39'
23.03.2023	2°06'	19°07'	26°08'	7°39'	37°17'	88°48'	16°58'	331°46'
24.03.2023	3°05'	33°02'	39°50'	9°40'	38°29'	89°17'	17°12'	331°52'
25.03.2023	4°05'	46°32'	53°08'	11°41'	39°41'	89°46'	17°27'	331°59'
26.03.2023	5°04'	59°38'	66°02'	13°41'	40°52'	90°15'	17°41'	332°05'
27.03.2023	6°04'	72°20'	78°34'	15°41'	42°04'	90°44'	17°55'	332°12'
28.03.2023	7°03'	84°44'	90°50'	17°40'	43°15'	91°13'	18°10'	332°18'
29.03.2023	8°02'	96°52'	102°52'	19°38'	44°27'	91°43'	18°24'	332°25'
30.03.2023	9°02'	108°51'	114°48'	21°33'	45°38'	92°12'	18°38'	332°31'
31.03.2023	10°01'	120°44'	126°40'	23°27'	46°49'	92°42'	18°53'	332°37'
01.04.2023	11°00'	132°36'	138°33'	25°18'	48°00'	93°12'	19°07'	332°44'
02.04.2023	12°00'	144°31'	150°31'	27°06'	49°12'	93°42'	19°22'	332°50'
03.04.2023	12°59'	156°33'	162°38'	28°51'	50°22'	94°12'	19°36'	332°56'
04.04.2023	13°58'	168°44'	174°54'	30°32'	51°33'	94°42'	19°51'	333°02'
05.04.2023	14°57'	181°07'	187°23'	32°09'	52°44'	95°13'	20°05'	333°08'
06.04.2023	15°56'	193°42'	200°04'	33°41'	53°55'	95°43'	20°19'	333°14'
07.04.2023	16°55'	206°30'	212°59'	35°09'	55°05'	96°14'	20°34'	333°20'
08.04.2023	17°54'	219°31'	226°07'	36°32'	56°15'	96°45'	20°48'	333°26'
09.04.2023	18°53'	232°46'	239°28'	37°49'	57°26'	97°16'	21°03'	333°32'
10.04.2023	19°52'	246°13'	253°02'	39°01'	58°36'	97°47'	21°17'	333°37'
11.04.2023	20°51'	259°53'	266°47'	40°08'	59°46'	98°18'	21°32'	333°43'
12.04.2023	21°50'	273°44'	280°44'	41°08'	60°56'	98°49'	21°46'	333°49'
13.04.2023	22°49'	287°46'	294°51'	42°03'	62°06'	99°20'	22°01'	333°54'
14.04.2023	23°48'	301°57'	309°06'	42°51'	63°16'	99°52'	22°15'	334°00'
15.04.2023	24°46'	316°16'	323°26'	43°34'	64°25'	100°23'	22°30'	334°06'
16.04.2023	25°45'	330°38'	337°49'	44°10'	65°35'	100°55'	22°44'	334°11'
17.04.2023	26°44'	345°00'	352°10'	44°40'	66°44'	101°26'	22°59'	334°16'
18.04.2023	27°43'	359°19'	6°25'	45°03'	67°53'	101°58'	23°13'	334°22'
19.04.2023	28°41'	13°28'	20°29'	45°21'	69°02'	102°30'	23°28'	334°27'
20.04.2023	29°40'	27°25'	34°17'	45°32'	70°11'	103°02'	23°42'	334°32'
21.04.2023	30°38'	41°05'	47°48'	45°37'	71°20'	103°34'	23°56'	334°37'
22.04.2023	31°37'	54°26'	60°59'	45°36'	72°29'	104°06'	24°11'	334°42'
23.04.2023	32°36'	67°27'	73°51'	45°30'	73°37'	104°39'	24°25'	334°47'
24.04.2023	33°34'	80°10'	86°24'	45°18'	74°46'	105°11'	24°40'	334°52'
25.04.2023	34°33'	92°35'	98°42'	45°00'	75°54'	105°43'	24°54'	334°57'
26.04.2023	35°31'	104°46'	110°47'	44°39'	77°02'	106°16'	25°08'	335°02'
27.04.2023	36°30'	116°46'	122°44'	44°13'	78°10'	106°49'	25°23'	335°06'
28.04.2023	37°28'	128°41'	134°37'	43°43'	79°18'	107°21'	25°37'	335°11'
29.04.2023	38°26'	140°34'	146°31'	43°10'	80°26'	107°54'	25°51'	335°15'
30.04.2023	39°25'	152°30'	158°31'	42°35'	81°33'	108°27'	26°06'	335°20'
01.05.2023	40°23'	164°34'	170°40'	41°57'	82°40'	109°00'	26°20'	335°24'
02.05.2023	41°21'	176°49'	183°02'	41°19'	83°48'	109°33'	26°34'	335°29'
03.05.2023	42°19'	189°19'	195°41'	40°40'	84°54'	110°06'	26°48'	335°33'
04.05.2023	43°17'	202°06'	208°37'	40°02'	86°01'	110°39'	27°02'	335°37'
05.05.2023	44°16'	215°12'	221°51'	39°24'	87°08'	111°12'	27°17'	335°41'
06.05.2023	45°14'	228°35'	235°23'	38°48'	88°14'	111°45'	27°31'	335°45'
07.05.2023	46°12'	242°15'	249°11'	38°14'	89°20'	112°19'	27°45'	335°49'
08.05.2023	47°10'	256°10'	263°12'	37°43'	90°26'	112°52'	27°59'	335°53'
09.05.2023	48°08'	270°16'	277°22'	37°15'	91°32'	113°26'	28°13'	335°57'

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10.05.2023	49°06'	284°29'	291°37'	36°50'	92°38'	113°59'	28°27'	336°00'
11.05.2023	50°04'	298°45'	305°54'	36°30'	93°43'	114°33'	28°41'	336°04'
12.05.2023	51°02'	313°02'	320°09'	36°13'	94°48'	115°06'	28°55'	336°07'
13.05.2023	52°00'	327°15'	334°20'	36°01'	95°53'	115°40'	29°09'	336°11'
14.05.2023	52°58'	341°23'	348°25'	35°54'	96°58'	116°14'	29°22'	336°14'
15.05.2023	53°56'	355°24'	2°21'	35°51'	98°02'	116°48'	29°36'	336°17'
16.05.2023	54°54'	9°16'	16°08'	35°53'	99°06'	117°22'	29°50'	336°21'
17.05.2023	55°51'	22°58'	29°44'	35°59'	100°10'	117°56'	30°04'	336°24'
18.05.2023	56°49'	36°28'	43°08'	36°10'	101°14'	118°30'	30°17'	336°27'
19.05.2023	57°47'	49°45'	56°19'	36°25'	102°17'	119°04'	30°31'	336°30'
20.05.2023	58°45'	62°49'	69°15'	36°45'	103°21'	119°38'	30°45'	336°32'
21.05.2023	59°43'	75°37'	81°56'	37°09'	104°24'	120°12'	30°58'	336°35'
22.05.2023	60°41'	88°12'	94°24'	37°38'	105°26'	120°46'	31°12'	336°38'
23.05.2023	61°38'	100°33'	106°39'	38°10'	106°28'	121°21'	31°25'	336°40'
24.05.2023	62°36'	112°42'	118°43'	38°47'	107°30'	121°55'	31°39'	336°43'
25.05.2023	63°34'	124°42'	130°39'	39°27'	108°32'	122°29'	31°52'	336°45'
26.05.2023	64°31'	136°36'	142°32'	40°11'	109°34'	123°04'	32°05'	336°47'
27.05.2023	65°29'	148°28'	154°25'	40°59'	110°35'	123°38'	32°18'	336°49'
28.05.2023	66°27'	160°24'	166°24'	41°50'	111°35'	124°13'	32°32'	336°52'
29.05.2023	67°24'	172°27'	178°33'	42°45'	112°36'	124°48'	32°45'	336°54'
30.05.2023	68°22'	184°42'	190°56'	43°43'	113°36'	125°22'	32°58'	336°55'
31.05.2023	69°19'	197°15'	203°39'	44°45'	114°35'	125°57'	33°11'	336°57'
01.06.2023	70°17'	210°08'	216°43'	45°49'	115°34'	126°32'	33°24'	336°59'
02.06.2023	71°14'	223°24'	230°11'	46°57'	116°33'	127°07'	33°37'	337°00'
03.06.2023	72°12'	237°04'	244°03'	48°08'	117°32'	127°41'	33°49'	337°02'
04.06.2023	73°09'	251°06'	258°15'	49°21'	118°30'	128°16'	34°02'	337°03'
05.06.2023	74°07'	265°27'	272°43'	50°38'	119°27'	128°51'	34°15'	337°05'
06.06.2023	75°04'	280°01'	287°21'	51°58'	120°24'	129°26'	34°27'	337°06'
07.06.2023	76°01'	294°41'	302°01'	53°20'	121°21'	130°01'	34°40'	337°07'
08.06.2023	76°59'	309°20'	316°37'	54°46'	122°17'	130°36'	34°53'	337°08'
09.06.2023	77°56'	323°52'	331°03'	56°14'	123°13'	131°12'	35°05'	337°09'
10.06.2023	78°54'	338°11'	345°16'	57°45'	124°08'	131°47'	35°17'	337°10'
11.06.2023	79°51'	352°17'	359°14'	59°18'	125°02'	132°22'	35°30'	337°10'
12.06.2023	80°48'	6°07'	12°56'	60°55'	125°56'	132°57'	35°42'	337°11'
13.06.2023	81°46'	19°41'	26°23'	62°34'	126°50'	133°33'	35°54'	337°12'
14.06.2023	82°43'	33°01'	39°37'	64°16'	127°42'	134°08'	36°06'	337°12'
15.06.2023	83°40'	46°09'	52°38'	66°00'	128°35'	134°43'	36°18'	337°12'
16.06.2023	84°38'	59°04'	65°27'	67°48'	129°26'	135°19'	36°30'	337°13'
17.06.2023	85°35'	71°47'	78°05'	69°38'	130°17'	135°54'	36°41'	337°13'
18.06.2023	86°32'	84°20'	90°32'	71°30'	131°08'	136°30'	36°53'	337°13'
19.06.2023	87°30'	96°42'	102°49'	73°25'	131°57'	137°05'	37°05'	337°13'
20.06.2023	88°27'	108°54'	114°57'	75°22'	132°46'	137°41'	37°16'	337°12'
21.06.2023	89°24'	120°58'	126°57'	77°22'	133°34'	138°17'	37°28'	337°12'
22.06.2023	90°22'	132°54'	138°51'	79°24'	134°22'	138°52'	37°39'	337°12'
23.06.2023	91°19'	144°47'	150°42'	81°27'	135°08'	139°28'	37°50'	337°11'
24.06.2023	92°16'	156°37'	162°33'	83°33'	135°54'	140°04'	38°02'	337°11'
25.06.2023	93°13'	168°31'	174°30'	85°40'	136°39'	140°40'	38°13'	337°10'
26.06.2023	94°11'	180°32'	186°36'	87°48'	137°22'	141°16'	38°24'	337°09'
27.06.2023	95°08'	192°45'	198°58'	89°58'	138°05'	141°52'	38°34'	337°08'
28.06.2023	96°05'	205°15'	211°39'	92°08'	138°47'	142°28'	38°45'	337°07'
29.06.2023	97°02'	218°08'	224°44'	94°19'	139°28'	143°04'	38°56'	337°06'
30.06.2023	97°59'	231°27'	238°17'	96°30'	140°08'	143°40'	39°06'	337°05'
01.07.2023	98°57'	245°14'	252°17'	98°41'	140°47'	144°16'	39°17'	337°04'
02.07.2023	99°54'	259°28'	266°44'	100°52'	141°24'	144°52'	39°27'	337°03'
03.07.2023	100°51'	274°06'	281°32'	103°02'	142°00'	145°28'	39°38'	337°01'

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04.07.2023	101°48'	289°01'	296°33'	105°11'	142°35'	146°04'	39°48'	337°00'
05.07.2023	102°45'	304°05'	311°37'	107°19'	143°09'	146°40'	39°58'	336°58'
06.07.2023	103°43'	319°07'	326°34'	109°26'	143°42'	147°17'	40°08'	336°56'
07.07.2023	104°40'	333°58'	341°18'	111°32'	144°13'	147°53'	40°17'	336°55'
08.07.2023	105°37'	348°32'	355°41'	113°36'	144°42'	148°29'	40°27'	336°53'
09.07.2023	106°34'	2°44'	9°42'	115°39'	145°10'	149°06'	40°37'	336°51'
10.07.2023	107°31'	16°34'	23°21'	117°40'	145°37'	149°42'	40°46'	336°49'
11.07.2023	108°28'	30°02'	36°39'	119°39'	146°02'	150°19'	40°56'	336°46'
12.07.2023	109°26'	43°11'	49°39'	121°37'	146°25'	150°55'	41°05'	336°44'
13.07.2023	110°23'	56°04'	62°24'	123°33'	146°47'	151°32'	41°14'	336°42'
14.07.2023	111°20'	68°42'	74°57'	125°26'	147°07'	152°08'	41°23'	336°39'
15.07.2023	112°17'	81°10'	87°20'	127°18'	147°25'	152°45'	41°32'	336°37'
16.07.2023	113°15'	93°27'	99°33'	129°08'	147°41'	153°22'	41°40'	336°34'
17.07.2023	114°12'	105°37'	111°40'	130°57'	147°55'	153°58'	41°49'	336°32'
18.07.2023	115°09'	117°40'	123°40'	132°43'	148°07'	154°35'	41°57'	336°29'
19.07.2023	116°06'	129°38'	135°34'	134°27'	148°17'	155°12'	42°06'	336°26'
20.07.2023	117°04'	141°30'	147°26'	136°10'	148°25'	155°49'	42°14'	336°23'
21.07.2023	118°01'	153°21'	159°16'	137°51'	148°31'	156°26'	42°22'	336°20'
22.07.2023	118°58'	165°11'	171°07'	139°29'	148°35'	157°03'	42°30'	336°17'
23.07.2023	119°56'	177°04'	183°02'	141°06'	148°36'	157°40'	42°38'	336°14'
24.07.2023	120°53'	189°03'	195°07'	142°42'	148°35'	158°17'	42°45'	336°11'
25.07.2023	121°50'	201°15'	207°26'	144°15'	148°32'	158°54'	42°53'	336°08'
26.07.2023	122°47'	213°42'	220°04'	145°46'	148°26'	159°31'	43°00'	336°04'
27.07.2023	123°45'	226°31'	233°05'	147°16'	148°18'	160°08'	43°07'	336°01'
28.07.2023	124°42'	239°46'	246°35'	148°43'	148°07'	160°45'	43°14'	335°57'
29.07.2023	125°39'	253°30'	260°34'	150°09'	147°54'	161°22'	43°21'	335°54'
30.07.2023	126°37'	267°44'	275°02'	151°32'	147°39'	161°59'	43°28'	335°50'
31.07.2023	127°34'	282°26'	289°55'	152°54'	147°21'	162°37'	43°35'	335°47'
01.08.2023	128°31'	297°29'	305°06'	154°14'	147°01'	163°14'	43°41'	335°43'
02.08.2023	129°29'	312°45'	320°24'	155°31'	146°39'	163°51'	43°47'	335°39'
03.08.2023	130°26'	328°02'	335°38'	156°47'	146°15'	164°29'	43°53'	335°35'
04.08.2023	131°24'	343°10'	350°37'	158°00'	145°48'	165°06'	43°59'	335°31'
05.08.2023	132°21'	357°59'	5°14'	159°11'	145°20'	165°44'	44°05'	335°27'
06.08.2023	133°19'	12°23'	19°25'	160°20'	144°50'	166°21'	44°11'	335°23'
07.08.2023	134°16'	26°21'	33°10'	161°26'	144°19'	166°59'	44°16'	335°19'
08.08.2023	135°13'	39°52'	46°29'	162°30'	143°45'	167°36'	44°21'	335°15'
09.08.2023	136°11'	52°59'	59°25'	163°31'	143°11'	168°14'	44°26'	335°11'
10.08.2023	137°08'	65°46'	72°04'	164°30'	142°36'	168°52'	44°31'	335°07'
11.08.2023	138°06'	78°17'	84°27'	165°25'	142°00'	169°29'	44°36'	335°03'
12.08.2023	139°04'	90°34'	96°39'	166°18'	141°23'	170°07'	44°41'	334°58'
13.08.2023	140°01'	102°42'	108°43'	167°08'	140°46'	170°45'	44°45'	334°54'
14.08.2023	140°59'	114°43'	120°42'	167°54'	140°08'	171°23'	44°49'	334°50'
15.08.2023	141°56'	126°39'	132°36'	168°37'	139°31'	172°01'	44°53'	334°46'
16.08.2023	142°54'	138°32'	144°27'	169°16'	138°54'	172°39'	44°57'	334°41'
17.08.2023	143°52'	150°23'	156°18'	169°51'	138°18'	173°17'	45°01'	334°37'
18.08.2023	144°49'	162°13'	168°09'	170°22'	137°43'	173°55'	45°05'	334°32'
19.08.2023	145°47'	174°06'	180°03'	170°49'	137°08'	174°33'	45°08'	334°28'
20.08.2023	146°45'	186°02'	192°03'	171°12'	136°35'	175°11'	45°11'	334°23'
21.08.2023	147°43'	198°05'	204°11'	171°29'	136°03'	175°49'	45°14'	334°19'
22.08.2023	148°40'	210°19'	216°31'	171°42'	135°33'	176°27'	45°17'	334°14'
23.08.2023	149°38'	222°48'	229°09'	171°49'	135°04'	177°05'	45°19'	334°10'
24.08.2023	150°36'	235°35'	242°07'	171°51'	134°38'	177°44'	45°22'	334°05'
25.08.2023	151°34'	248°46'	255°31'	171°47'	134°13'	178°22'	45°24'	334°01'
26.08.2023	152°32'	262°23'	269°22'	171°38'	133°50'	179°00'	45°26'	333°56'
27.08.2023	153°30'	276°28'	283°41'	171°22'	133°30'	179°39'	45°28'	333°52'

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28.08.2023	154°28'	291°00'	298°25'	171°00'	133°12'	180°17'	45°29'	333°47'
29.08.2023	155°25'	305°56'	313°30'	170°33'	132°56'	180°56'	45°31'	333°43'
30.08.2023	156°23'	321°07'	328°46'	170°00'	132°43'	181°34'	45°32'	333°38'
31.08.2023	157°21'	336°24'	344°02'	169°21'	132°32'	182°13'	45°33'	333°34'
01.09.2023	158°19'	351°36'	359°07'	168°37'	132°23'	182°51'	45°34'	333°29'
02.09.2023	159°17'	6°33'	13°53'	167°48'	132°17'	183°30'	45°34'	333°25'
03.09.2023	160°15'	21°07'	28°14'	166°55'	132°14'	184°09'	45°35'	333°20'
04.09.2023	161°14'	35°15'	42°08'	166°00'	132°12'	184°47'	45°35'	333°16'
05.09.2023	162°12'	48°54'	55°33'	165°02'	132°13'	185°26'	45°35'	333°11'
06.09.2023	163°10'	62°07'	68°34'	164°04'	132°17'	186°05'	45°35'	333°07'
07.09.2023	164°08'	74°56'	81°13'	163°06'	132°22'	186°44'	45°34'	333°02'
08.09.2023	165°06'	87°26'	93°35'	162°10'	132°30'	187°23'	45°34'	332°58'
09.09.2023	166°04'	99°40'	105°43'	161°16'	132°40'	188°02'	45°33'	332°53'
10.09.2023	167°03'	111°44'	117°43'	160°27'	132°52'	188°41'	45°32'	332°49'
11.09.2023	168°01'	123°40'	129°36'	159°44'	133°07'	189°20'	45°31'	332°45'
12.09.2023	168°59'	135°32'	141°28'	159°07'	133°23'	189°59'	45°29'	332°41'
13.09.2023	169°58'	147°23'	153°18'	158°37'	133°41'	190°38'	45°28'	332°36'
14.09.2023	170°56'	159°15'	165°11'	158°16'	134°01'	191°17'	45°26'	332°32'
15.09.2023	171°55'	171°09'	177°08'	158°04'	134°23'	191°56'	45°24'	332°28'
16.09.2023	172°53'	183°08'	189°10'	158°00'	134°47'	192°36'	45°22'	332°24'
17.09.2023	173°52'	195°13'	201°19'	158°06'	135°12'	193°15'	45°19'	332°20'
18.09.2023	174°50'	207°27'	213°37'	158°22'	135°39'	193°54'	45°17'	332°16'
19.09.2023	175°49'	219°51'	226°08'	158°47'	136°07'	194°34'	45°14'	332°12'
20.09.2023	176°47'	232°28'	238°52'	159°21'	136°38'	195°13'	45°11'	332°08'
21.09.2023	177°46'	245°21'	251°54'	160°04'	137°09'	195°53'	45°08'	332°04'
22.09.2023	178°45'	258°33'	265°16'	160°55'	137°42'	196°32'	45°05'	332°00'
23.09.2023	179°43'	272°05'	279°00'	161°54'	138°16'	197°12'	45°01'	331°56'
24.09.2023	180°42'	286°01'	293°07'	163°00'	138°52'	197°52'	44°57'	331°53'
25.09.2023	181°41'	300°18'	307°35'	164°12'	139°29'	198°31'	44°53'	331°49'
26.09.2023	182°39'	314°56'	322°21'	165°31'	140°07'	199°11'	44°49'	331°45'
27.09.2023	183°38'	329°49'	337°18'	166°54'	140°46'	199°51'	44°45'	331°42'
28.09.2023	184°37'	344°49'	352°20'	168°22'	141°27'	200°31'	44°40'	331°38'
29.09.2023	185°36'	359°49'	7°16'	169°54'	142°09'	201°10'	44°36'	331°35'
30.09.2023	186°35'	14°40'	21°59'	171°30'	142°51'	201°50'	44°31'	331°32'
01.10.2023	187°34'	29°13'	36°22'	173°08'	143°35'	202°30'	44°26'	331°29'
02.10.2023	188°33'	43°24'	50°20'	174°48'	144°20'	203°10'	44°21'	331°25'
03.10.2023	189°32'	57°09'	63°52'	176°31'	145°05'	203°50'	44°16'	331°22'
04.10.2023	190°31'	70°29'	76°59'	178°15'	145°52'	204°30'	44°10'	331°19'
05.10.2023	191°30'	83°24'	89°43'	179°59'	146°39'	205°11'	44°04'	331°16'
06.10.2023	192°29'	95°58'	102°08'	181°45'	147°28'	205°51'	43°59'	331°14'
07.10.2023	193°28'	108°14'	114°17'	183°31'	148°17'	206°31'	43°53'	331°11'
08.10.2023	194°27'	120°18'	126°16'	185°17'	149°07'	207°11'	43°47'	331°08'
09.10.2023	195°26'	132°13'	138°09'	187°04'	149°57'	207°52'	43°40'	331°06'
10.10.2023	196°26'	144°04'	149°59'	188°50'	150°49'	208°32'	43°34'	331°03'
11.10.2023	197°25'	155°55'	161°51'	190°36'	151°41'	209°13'	43°28'	331°01'
12.10.2023	198°24'	167°49'	173°48'	192°22'	152°34'	209°53'	43°21'	330°58'
13.10.2023	199°24'	179°49'	185°52'	194°08'	153°28'	210°34'	43°14'	330°56'
14.10.2023	200°23'	191°57'	198°05'	195°53'	154°22'	211°14'	43°07'	330°54'
15.10.2023	201°23'	204°16'	210°29'	197°37'	155°17'	211°55'	43°00'	330°52'
16.10.2023	202°22'	216°45'	223°05'	199°21'	156°12'	212°36'	42°53'	330°50'
17.10.2023	203°22'	229°28'	235°54'	201°04'	157°08'	213°16'	42°46'	330°48'
18.10.2023	204°21'	242°23'	248°56'	202°47'	158°04'	213°57'	42°39'	330°46'
19.10.2023	205°21'	255°32'	262°12'	204°29'	159°01'	214°38'	42°31'	330°44'
20.10.2023	206°20'	268°55'	275°42'	206°11'	159°59'	215°19'	42°24'	330°43'
21.10.2023	207°20'	282°33'	289°28'	207°51'	160°57'	216°00'	42°16'	330°41'

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22.10.2023	208°20'	296°26'	303°28'	209°32'	161°56'	216°41'	42°08'	330°40'
23.10.2023	209°19'	310°33'	317°41'	211°11'	162°55'	217°22'	42°01'	330°39'
24.10.2023	210°19'	324°51'	332°05'	212°50'	163°54'	218°03'	41°53'	330°37'
25.10.2023	211°19'	339°20'	346°37'	214°29'	164°54'	218°44'	41°45'	330°36'
26.10.2023	212°19'	353°54'	1°12'	216°06'	165°55'	219°25'	41°37'	330°35'
27.10.2023	213°18'	8°29'	15°45'	217°44'	166°55'	220°07'	41°29'	330°34'
28.10.2023	214°18'	22°58'	30°09'	219°20'	167°57'	220°48'	41°21'	330°34'
29.10.2023	215°18'	37°17'	44°20'	220°57'	168°58'	221°29'	41°13'	330°33'
30.10.2023	216°18'	51°19'	58°13'	222°32'	170°00'	222°11'	41°05'	330°32'
31.10.2023	217°18'	65°01'	71°44'	224°08'	171°03'	222°52'	40°57'	330°32'
01.11.2023	218°18'	78°22'	84°53'	225°42'	172°05'	223°34'	40°49'	330°31'
02.11.2023	219°18'	91°20'	97°41'	227°17'	173°09'	224°15'	40°40'	330°31'
03.11.2023	220°18'	103°57'	110°09'	228°50'	174°12'	224°57'	40°32'	330°31'
04.11.2023	221°18'	116°16'	122°21'	230°24'	175°16'	225°38'	40°24'	330°31'
05.11.2023	222°18'	128°22'	134°21'	231°57'	176°20'	226°20'	40°16'	330°31'
06.11.2023	223°18'	140°18'	146°13'	233°29'	177°24'	227°02'	40°08'	330°31'
07.11.2023	224°18'	152°09'	158°04'	235°01'	178°29'	227°44'	40°00'	330°31'
08.11.2023	225°19'	164°00'	169°57'	236°33'	179°34'	228°25'	39°52'	330°32'
09.11.2023	226°19'	175°56'	181°57'	238°05'	180°39'	229°07'	39°43'	330°32'
10.11.2023	227°19'	188°00'	194°07'	239°36'	181°45'	229°49'	39°35'	330°33'
11.11.2023	228°19'	200°17'	206°31'	241°06'	182°51'	230°31'	39°27'	330°33'
12.11.2023	229°20'	212°49'	219°11'	242°37'	183°57'	231°13'	39°20'	330°34'
13.11.2023	230°20'	225°37'	232°07'	244°07'	185°03'	231°55'	39°12'	330°35'
14.11.2023	231°20'	238°41'	245°19'	245°36'	186°10'	232°38'	39°04'	330°36'
15.11.2023	232°21'	252°02'	258°47'	247°05'	187°17'	233°20'	38°56'	330°37'
16.11.2023	233°21'	265°36'	272°28'	248°34'	188°24'	234°02'	38°48'	330°38'
17.11.2023	234°22'	279°23'	286°20'	250°02'	189°31'	234°44'	38°41'	330°39'
18.11.2023	235°22'	293°18'	300°19'	251°30'	190°39'	235°27'	38°33'	330°41'
19.11.2023	236°23'	307°21'	314°24'	252°58'	191°47'	236°09'	38°26'	330°42'
20.11.2023	237°23'	321°28'	328°32'	254°24'	192°55'	236°51'	38°19'	330°44'
21.11.2023	238°24'	335°37'	342°42'	255°50'	194°03'	237°34'	38°11'	330°45'
22.11.2023	239°25'	349°47'	356°52'	257°16'	195°11'	238°17'	38°04'	330°47'
23.11.2023	240°25'	3°56'	10°59'	258°41'	196°20'	238°59'	37°57'	330°49'
24.11.2023	241°26'	18°02'	25°03'	260°05'	197°28'	239°42'	37°50'	330°51'
25.11.2023	242°26'	32°03'	39°01'	261°27'	198°37'	240°24'	37°44'	330°53'
26.11.2023	243°27'	45°56'	52°48'	262°49'	199°46'	241°07'	37°37'	330°55'
27.11.2023	244°28'	59°37'	66°23'	264°10'	200°55'	241°50'	37°31'	330°58'
28.11.2023	245°28'	73°05'	79°43'	265°29'	202°05'	242°33'	37°24'	331°00'
29.11.2023	246°29'	86°16'	92°45'	266°47'	203°14'	243°16'	37°18'	331°03'
30.11.2023	247°30'	99°09'	105°29'	268°03'	204°24'	243°59'	37°12'	331°05'
01.12.2023	248°31'	111°45'	117°57'	269°17'	205°34'	244°42'	37°06'	331°08'
02.12.2023	249°31'	124°04'	130°09'	270°28'	206°44'	245°25'	37°01'	331°11'
03.12.2023	250°32'	136°10'	142°09'	271°36'	207°54'	246°08'	36°55'	331°13'
04.12.2023	251°33'	148°06'	154°02'	272°42'	209°05'	246°51'	36°50'	331°16'
05.12.2023	252°34'	159°57'	165°51'	273°44'	210°15'	247°34'	36°44'	331°19'
06.12.2023	253°35'	171°47'	177°43'	274°41'	211°26'	248°17'	36°39'	331°23'
07.12.2023	254°36'	183°42'	189°43'	275°34'	212°36'	249°01'	36°34'	331°26'
08.12.2023	255°37'	195°47'	201°56'	276°21'	213°47'	249°44'	36°30'	331°29'
09.12.2023	256°38'	208°08'	214°25'	277°02'	214°58'	250°27'	36°25'	331°33'
10.12.2023	257°39'	220°47'	227°15'	277°37'	216°09'	251°11'	36°21'	331°36'
11.12.2023	258°40'	233°48'	240°27'	278°03'	217°21'	251°54'	36°17'	331°40'
12.12.2023	259°41'	247°12'	254°02'	278°21'	218°32'	252°38'	36°13'	331°43'
13.12.2023	260°42'	260°57'	267°56'	278°29'	219°43'	253°21'	36°09'	331°47'
14.12.2023	261°43'	274°59'	282°06'	278°27'	220°55'	254°05'	36°05'	331°51'
15.12.2023	262°44'	289°15'	296°26'	278°13'	222°07'	254°49'	36°02'	331°55'

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16.12.2023	263°45'	303°39'	310°51'	277°49'	223°18'	255°33'	35°59'	331°59'
17.12.2023	264°46'	318°03'	325°14'	277°13'	224°30'	256°16'	35°55'	332°03'
18.12.2023	265°47'	332°24'	339°32'	276°25'	225°42'	257°00'	35°53'	332°07'
19.12.2023	266°48'	346°38'	353°41'	275°27'	226°54'	257°44'	35°50'	332°12'
20.12.2023	267°49'	0°43'	7°41'	274°19'	228°06'	258°28'	35°48'	332°16'
21.12.2023	268°50'	14°38'	21°32'	273°04'	229°18'	259°12'	35°45'	332°21'
22.12.2023	269°51'	28°23'	35°12'	271°44'	230°30'	259°56'	35°43'	332°25'
23.12.2023	270°52'	41°59'	48°43'	270°22'	231°43'	260°40'	35°42'	332°30'
24.12.2023	271°53'	55°25'	62°05'	268°59'	232°55'	261°24'	35°40'	332°34'
25.12.2023	272°54'	68°41'	75°16'	267°40'	234°08'	262°08'	35°39'	332°39'
26.12.2023	273°56'	81°47'	88°15'	266°26'	235°20'	262°52'	35°38'	332°44'
27.12.2023	274°57'	94°40'	101°02'	265°20'	236°33'	263°37'	35°37'	332°49'
28.12.2023	275°58'	107°21'	113°36'	264°23'	237°45'	264°21'	35°36'	332°54'
29.12.2023	276°59'	119°48'	125°57'	263°36'	238°58'	265°05'	35°35'	332°59'
30.12.2023	278°00'	132°02'	138°05'	262°59'	240°11'	265°50'	35°35'	333°04'
31.12.2023	279°01'	144°05'	150°03'	262°33'	241°24'	266°34'	35°35'	333°09'
01.01.2024	280°02'	155°59'	161°54'	262°17'	242°37'	267°18'	35°35'	333°15'
02.01.2024	281°03'	167°48'	173°42'	262°11'	243°50'	268°03'	35°35'	333°20'
03.01.2024	282°05'	179°37'	185°32'	262°14'	245°03'	268°48'	35°36'	333°25'
04.01.2024	283°06'	191°30'	197°30'	262°26'	246°16'	269°32'	35°36'	333°31'
05.01.2024	284°07'	203°33'	209°40'	262°46'	247°29'	270°17'	35°37'	333°36'
06.01.2024	285°08'	215°51'	222°08'	263°13'	248°42'	271°01'	35°38'	333°42'
07.01.2024	286°09'	228°31'	234°59'	263°46'	249°56'	271°46'	35°40'	333°48'
08.01.2024	287°10'	241°35'	248°17'	264°25'	251°09'	272°31'	35°41'	333°53'
09.01.2024	288°12'	255°06'	262°02'	265°10'	252°22'	273°16'	35°43'	333°59'
10.01.2024	289°13'	269°05'	276°13'	265°59'	253°36'	274°01'	35°45'	334°05'
11.01.2024	290°14'	283°27'	290°46'	266°52'	254°49'	274°46'	35°47'	334°11'
12.01.2024	291°15'	298°08'	305°33'	267°49'	256°02'	275°31'	35°49'	334°17'
13.01.2024	292°16'	312°59'	320°25'	268°49'	257°16'	276°16'	35°52'	334°23'
14.01.2024	293°17'	327°51'	335°15'	269°52'	258°30'	277°01'	35°55'	334°29'
15.01.2024	294°19'	342°36'	349°53'	270°58'	259°43'	277°46'	35°58'	334°35'
16.01.2024	295°20'	357°07'	4°17'	272°06'	260°57'	278°31'	36°01'	334°41'
17.01.2024	296°21'	11°22'	18°22'	273°17'	262°10'	279°16'	36°04'	334°48'
18.01.2024	297°22'	25°18'	32°10'	274°29'	263°24'	280°01'	36°08'	334°54'
19.01.2024	298°23'	38°57'	45°40'	275°43'	264°38'	280°46'	36°12'	335°00'
20.01.2024	299°24'	52°20'	58°55'	276°59'	265°51'	281°32'	36°15'	335°07'
21.01.2024	300°25'	65°28'	71°57'	278°16'	267°05'	282°17'	36°20'	335°13'
22.01.2024	301°26'	78°24'	84°47'	279°35'	268°19'	283°02'	36°24'	335°19'
23.01.2024	302°27'	91°08'	97°26'	280°54'	269°33'	283°48'	36°28'	335°26'
24.01.2024	303°28'	103°42'	109°55'	282°15'	270°47'	284°33'	36°33'	335°33'
25.01.2024	304°29'	116°06'	122°14'	283°38'	272°00'	285°18'	36°38'	335°39'
26.01.2024	305°30'	128°20'	134°24'	285°01'	273°14'	286°04'	36°43'	335°46'
27.01.2024	306°31'	140°26'	146°25'	286°25'	274°28'	286°49'	36°48'	335°52'
28.01.2024	307°32'	152°23'	158°19'	287°50'	275°42'	287°35'	36°54'	335°59'
29.01.2024	308°33'	164°14'	170°09'	289°16'	276°56'	288°20'	36°59'	336°06'
30.01.2024	309°34'	176°02'	181°56'	290°43'	278°10'	289°06'	37°05'	336°13'
31.01.2024	310°35'	187°50'	193°45'	292°10'	279°24'	289°52'	37°11'	336°20'
01.02.2024	311°36'	199°42'	205°40'	293°39'	280°38'	290°37'	37°17'	336°26'
02.02.2024	312°37'	211°42'	217°48'	295°08'	281°52'	291°23'	37°23'	336°33'
03.02.2024	313°38'	223°58'	230°12'	296°38'	283°06'	292°09'	37°30'	336°40'
04.02.2024	314°39'	236°32'	242°59'	298°09'	284°20'	292°55'	37°36'	336°47'
05.02.2024	315°39'	249°32'	256°12'	299°40'	285°34'	293°41'	37°43'	336°54'
06.02.2024	316°40'	263°00'	269°55'	301°12'	286°49'	294°26'	37°50'	337°01'
07.02.2024	317°41'	276°57'	284°07'	302°46'	288°03'	295°12'	37°57'	337°08'
08.02.2024	318°42'	291°24'	298°46'	304°19'	289°17'	295°58'	38°04'	337°15'

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09.02.2024	319°43'	306°14'	313°45'	305°54'	290°31'	296°44'	38°11'	337°22'
10.02.2024	320°43'	321°19'	328°55'	307°30'	291°45'	297°30'	38°19'	337°30'
11.02.2024	321°44'	336°31'	344°06'	309°06'	292°59'	298°16'	38°27'	337°37'
12.02.2024	322°45'	351°38'	359°07'	310°43'	294°13'	299°02'	38°34'	337°44'
13.02.2024	323°46'	6°31'	13°51'	312°21'	295°28'	299°48'	38°42'	337°51'
14.02.2024	324°46'	21°05'	28°13'	313°59'	296°42'	300°34'	38°51'	337°58'
15.02.2024	325°47'	35°14'	42°10'	315°39'	297°56'	301°21'	38°59'	338°05'
16.02.2024	326°48'	49°00'	55°45'	317°19'	299°10'	302°07'	39°07'	338°13'
17.02.2024	327°48'	62°24'	68°57'	319°00'	300°24'	302°53'	39°16'	338°20'
18.02.2024	328°49'	75°27'	81°51'	320°42'	301°39'	303°39'	39°25'	338°27'
19.02.2024	329°49'	88°12'	94°29'	322°25'	302°53'	304°25'	39°33'	338°34'
20.02.2024	330°50'	100°43'	106°55'	324°09'	304°07'	305°11'	39°42'	338°42'
21.02.2024	331°50'	113°03'	119°09'	325°54'	305°21'	305°58'	39°51'	338°49'
22.02.2024	332°51'	125°13'	131°15'	327°40'	306°36'	306°44'	40°01'	338°56'
23.02.2024	333°51'	137°15'	143°14'	329°27'	307°50'	307°30'	40°10'	339°04'
24.02.2024	334°52'	149°12'	155°08'	331°14'	309°04'	308°17'	40°20'	339°11'
25.02.2024	335°52'	161°03'	166°58'	333°03'	310°18'	309°03'	40°29'	339°18'
26.02.2024	336°52'	172°52'	178°46'	334°52'	311°33'	309°49'	40°39'	339°26'
27.02.2024	337°53'	184°41'	190°35'	336°43'	312°47'	310°36'	40°49'	339°33'
28.02.2024	338°53'	196°31'	202°27'	338°34'	314°01'	311°22'	40°59'	339°40'
29.02.2024	339°53'	208°25'	214°26'	340°26'	315°15'	312°09'	41°09'	339°47'
01.03.2024	340°53'	220°29'	226°35'	342°19'	316°30'	312°55'	41°19'	339°55'
02.03.2024	341°54'	232°45'	238°59'	344°13'	317°44'	313°41'	41°29'	340°02'
03.03.2024	342°54'	245°18'	251°43'	346°08'	318°58'	314°28'	41°40'	340°09'
04.03.2024	343°54'	258°13'	264°50'	348°03'	320°12'	315°14'	41°50'	340°17'
05.03.2024	344°54'	271°33'	278°23'	349°59'	321°27'	316°01'	42°01'	340°24'
06.03.2024	345°54'	285°21'	292°25'	351°55'	322°41'	316°48'	42°11'	340°31'
07.03.2024	346°54'	299°37'	306°55'	353°52'	323°55'	317°34'	42°22'	340°39'
08.03.2024	347°54'	314°18'	321°47'	355°48'	325°10'	318°21'	42°33'	340°46'
09.03.2024	348°54'	329°20'	336°56'	357°45'	326°24'	319°07'	42°44'	340°53'
10.03.2024	349°54'	344°33'	352°11'	359°40'	327°38'	319°54'	42°55'	341°01'
11.03.2024	350°54'	359°48'	7°22'	1°36'	328°52'	320°41'	43°07'	341°08'
12.03.2024	351°54'	14°54'	22°21'	3°30'	330°07'	321°27'	43°18'	341°15'
13.03.2024	352°54'	29°43'	36°59'	5°23'	331°21'	322°14'	43°29'	341°22'
14.03.2024	353°54'	44°08'	51°12'	7°13'	332°35'	323°00'	43°41'	341°30'
15.03.2024	354°54'	58°08'	64°58'	9°02'	333°49'	323°47'	43°52'	341°37'
16.03.2024	355°53'	71°41'	78°18'	10°48'	335°04'	324°34'	44°04'	341°44'
17.03.2024	356°53'	84°49'	91°14'	12°31'	336°18'	325°20'	44°16'	341°51'
18.03.2024	357°53'	97°35'	103°50'	14°10'	337°32'	326°07'	44°28'	341°58'
19.03.2024	358°53'	110°02'	116°10'	15°45'	338°46'	326°54'	44°40'	342°06'
20.03.2024	359°52'	122°15'	128°17'	17°15'	340°01'	327°40'	44°52'	342°13'
21.03.2024	0°52'	134°17'	140°15'	18°40'	341°15'	328°27'	45°04'	342°20'
22.03.2024	1°51'	146°12'	152°07'	20°00'	342°29'	329°14'	45°16'	342°27'
23.03.2024	2°51'	158°02'	163°56'	21°14'	343°43'	330°00'	45°28'	342°34'
24.03.2024	3°50'	169°51'	175°45'	22°22'	344°58'	330°47'	45°40'	342°41'
25.03.2024	4°50'	181°40'	187°35'	23°23'	346°12'	331°34'	45°53'	342°48'
26.03.2024	5°49'	193°32'	199°29'	24°17'	347°26'	332°20'	46°05'	342°55'
27.03.2024	6°49'	205°28'	211°29'	25°04'	348°40'	333°07'	46°18'	343°02'
28.03.2024	7°48'	217°32'	223°37'	25°44'	349°54'	333°54'	46°30'	343°09'
29.03.2024	8°47'	229°45'	235°55'	26°17'	351°08'	334°41'	46°43'	343°16'
30.03.2024	9°47'	242°09'	248°27'	26°42'	352°23'	335°27'	46°56'	343°22'
31.03.2024	10°46'	254°49'	261°15'	27°00'	353°37'	336°14'	47°08'	343°29'
01.04.2024	11°45'	267°46'	274°22'	27°10'	354°51'	337°01'	47°21'	343°36'
02.04.2024	12°44'	281°03'	287°50'	27°13'	356°05'	337°47'	47°34'	343°43'
03.04.2024	13°43'	294°42'	301°40'	27°09'	357°19'	338°34'	47°47'	343°49'

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04.04.2024	14°43'	308°45'	315°54'	26°58'	358°33'	339°21'	48°00'	343°56'
05.04.2024	15°42'	323°09'	330°29'	26°41'	359°48'	340°07'	48°13'	344°03'
06.04.2024	16°41'	337°53'	345°20'	26°18'	1°02'	340°54'	48°26'	344°09'
07.04.2024	17°40'	352°50'	0°22'	25°49'	2°16'	341°41'	48°39'	344°16'
08.04.2024	18°39'	7°54'	15°26'	25°16'	3°30'	342°27'	48°53'	344°22'
09.04.2024	19°38'	22°56'	30°23'	24°39'	4°44'	343°14'	49°06'	344°29'
10.04.2024	20°37'	37°46'	45°05'	23°58'	5°58'	344°01'	49°19'	344°35'
11.04.2024	21°36'	52°18'	59°25'	23°15'	7°12'	344°47'	49°33'	344°42'
12.04.2024	22°35'	66°27'	73°21'	22°31'	8°26'	345°34'	49°46'	344°48'
13.04.2024	23°33'	80°09'	86°50'	21°45'	9°41'	346°21'	49°59'	344°54'
14.04.2024	24°32'	93°25'	99°53'	21°00'	10°55'	347°07'	50°13'	345°01'
15.04.2024	25°31'	106°16'	112°33'	20°16'	12°09'	347°54'	50°26'	345°07'
16.04.2024	26°30'	118°46'	124°54'	19°34'	13°23'	348°40'	50°40'	345°13'
17.04.2024	27°29'	130°59'	137°00'	18°54'	14°37'	349°27'	50°54'	345°19'
18.04.2024	28°27'	142°59'	148°55'	18°17'	15°51'	350°13'	51°07'	345°25'
19.04.2024	29°26'	154°51'	160°45'	17°44'	17°05'	351°00'	51°21'	345°31'
20.04.2024	30°24'	166°39'	172°33'	17°15'	18°19'	351°46'	51°35'	345°37'
21.04.2024	31°23'	178°27'	184°22'	16°50'	19°33'	352°33'	51°48'	345°43'
22.04.2024	32°21'	190°19'	196°17'	16°30'	20°47'	353°19'	52°02'	345°49'
23.04.2024	33°20'	202°17'	208°19'	16°15'	22°01'	354°06'	52°16'	345°54'
24.04.2024	34°18'	214°23'	220°31'	16°05'	23°15'	354°52'	52°30'	346°00'
25.04.2024	35°17'	226°40'	232°53'	16°00'	24°29'	355°38'	52°44'	346°06'
26.04.2024	36°15'	239°09'	245°28'	15°59'	25°43'	356°25'	52°58'	346°11'
27.04.2024	37°14'	251°50'	258°16'	16°04'	26°57'	357°11'	53°11'	346°17'
28.04.2024	38°12'	264°45'	271°18'	16°14'	28°11'	357°57'	53°25'	346°22'
29.04.2024	39°10'	277°54'	284°34'	16°28'	29°24'	358°44'	53°39'	346°28'
30.04.2024	40°09'	291°18'	298°06'	16°47'	30°38'	359°30'	53°53'	346°33'
01.05.2024	41°07'	304°58'	311°53'	17°11'	31°52'	0°16'	54°07'	346°38'
02.05.2024	42°05'	318°53'	325°56'	17°39'	33°06'	1°03'	54°21'	346°43'
03.05.2024	43°03'	333°03'	340°13'	18°11'	34°20'	1°49'	54°35'	346°49'
04.05.2024	44°01'	347°27'	354°43'	18°47'	35°34'	2°35'	54°49'	346°54'
05.05.2024	45°00'	2°01'	9°21'	19°26'	36°48'	3°21'	55°04'	346°59'
06.05.2024	45°58'	16°42'	24°04'	20°10'	38°02'	4°07'	55°18'	347°04'
07.05.2024	46°56'	31°24'	38°43'	20°57'	39°16'	4°53'	55°32'	347°09'
08.05.2024	47°54'	46°00'	53°14'	21°48'	40°30'	5°39'	55°46'	347°13'
09.05.2024	48°52'	60°23'	67°29'	22°42'	41°44'	6°25'	56°00'	347°18'
10.05.2024	49°50'	74°29'	81°23'	23°39'	42°57'	7°11'	56°14'	347°23'
11.05.2024	50°48'	88°11'	94°54'	24°39'	44°11'	7°57'	56°28'	347°27'
12.05.2024	51°46'	101°30'	108°00'	25°42'	45°25'	8°43'	56°42'	347°32'
13.05.2024	52°44'	114°25'	120°44'	26°48'	46°39'	9°29'	56°57'	347°36'
14.05.2024	53°42'	126°58'	133°07'	27°56'	47°53'	10°15'	57°11'	347°41'
15.05.2024	54°40'	139°12'	145°14'	29°08'	49°07'	11°01'	57°25'	347°45'
16.05.2024	55°38'	151°13'	157°10'	30°22'	50°20'	11°46'	57°39'	347°49'
17.05.2024	56°35'	163°05'	168°59'	31°38'	51°34'	12°32'	57°53'	347°53'
18.05.2024	57°33'	174°54'	180°48'	32°57'	52°48'	13°18'	58°07'	347°57'
19.05.2024	58°31'	186°43'	192°40'	34°19'	54°02'	14°03'	58°21'	348°01'
20.05.2024	59°29'	198°39'	204°40'	35°43'	55°16'	14°49'	58°36'	348°05'
21.05.2024	60°26'	210°43'	216°50'	37°09'	56°29'	15°35'	58°50'	348°09'
22.05.2024	61°24'	223°01'	229°15'	38°38'	57°43'	16°20'	59°04'	348°12'
23.05.2024	62°22'	235°33'	241°55'	40°09'	58°57'	17°06'	59°18'	348°16'
24.05.2024	63°19'	248°20'	254°50'	41°42'	60°11'	17°51'	59°32'	348°20'
25.05.2024	64°17'	261°23'	268°00'	43°18'	61°24'	18°36'	59°46'	348°23'
26.05.2024	65°15'	274°41'	281°24'	44°56'	62°38'	19°22'	60°00'	348°26'
27.05.2024	66°12'	288°11'	295°00'	46°36'	63°52'	20°07'	60°15'	348°30'
28.05.2024	67°10'	301°52'	308°46'	48°19'	65°06'	20°52'	60°29'	348°33'

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29.05.2024	68°07'	315°42'	322°41'	50°04'	66°19'	21°37'	60°43'	348°36'
30.05.2024	69°05'	329°41'	336°43'	51°51'	67°33'	22°23'	60°57'	348°39'
31.05.2024	70°03'	343°46'	350°51'	53°41'	68°47'	23°08'	61°11'	348°42'
01.06.2024	71°00'	357°56'	5°03'	55°32'	70°01'	23°53'	61°25'	348°45'
02.06.2024	71°58'	12°11'	19°20'	57°26'	71°14'	24°38'	61°39'	348°48'
03.06.2024	72°55'	26°28'	33°37'	59°23'	72°28'	25°23'	61°53'	348°50'
04.06.2024	73°53'	40°45'	47°52'	61°21'	73°42'	26°08'	62°07'	348°53'
05.06.2024	74°50'	54°57'	61°59'	63°22'	74°56'	26°53'	62°21'	348°55'
06.06.2024	75°47'	68°59'	75°56'	65°24'	76°09'	27°37'	62°35'	348°58'
07.06.2024	76°45'	82°49'	89°37'	67°28'	77°23'	28°22'	62°49'	349°00'
08.06.2024	77°42'	96°20'	102°59'	69°34'	78°37'	29°07'	63°03'	349°02'
09.06.2024	78°40'	109°32'	116°01'	71°42'	79°51'	29°51'	63°17'	349°04'
10.06.2024	79°37'	122°24'	128°42'	73°51'	81°04'	30°36'	63°30'	349°06'
11.06.2024	80°35'	134°55'	141°04'	76°01'	82°18'	31°21'	63°44'	349°08'
12.06.2024	81°32'	147°09'	153°11'	78°12'	83°32'	32°05'	63°58'	349°10'
13.06.2024	82°29'	159°10'	165°07'	80°23'	84°46'	32°49'	64°12'	349°12'
14.06.2024	83°27'	171°02'	176°57'	82°35'	85°59'	33°34'	64°25'	349°13'
15.06.2024	84°24'	182°51'	188°46'	84°47'	87°13'	34°18'	64°39'	349°15'
16.06.2024	85°21'	194°42'	200°39'	86°59'	88°27'	35°02'	64°53'	349°16'
17.06.2024	86°18'	206°40'	212°43'	89°10'	89°41'	35°46'	65°06'	349°18'
18.06.2024	87°16'	218°50'	225°00'	91°21'	90°54'	36°30'	65°20'	349°19'
19.06.2024	88°13'	231°15'	237°35'	93°31'	92°08'	37°14'	65°34'	349°20'
20.06.2024	89°10'	244°00'	250°30'	95°39'	93°22'	37°58'	65°47'	349°21'
21.06.2024	90°07'	257°05'	263°45'	97°46'	94°35'	38°42'	66°01'	349°22'
22.06.2024	91°05'	270°29'	277°18'	99°52'	95°49'	39°26'	66°14'	349°23'
23.06.2024	92°02'	284°11'	291°07'	101°56'	97°03'	40°10'	66°27'	349°23'
24.06.2024	92°59'	298°06'	305°08'	103°58'	98°16'	40°54'	66°41'	349°24'
25.06.2024	93°56'	312°12'	319°17'	105°59'	99°30'	41°37'	66°54'	349°25'
26.06.2024	94°54'	326°22'	333°29'	107°57'	100°44'	42°21'	67°07'	349°25'
27.06.2024	95°51'	340°35'	347°41'	109°53'	101°58'	43°04'	67°21'	349°25'
28.06.2024	96°48'	354°46'	1°51'	111°48'	103°11'	43°48'	67°34'	349°26'
29.06.2024	97°45'	8°55'	15°57'	113°40'	104°25'	44°31'	67°47'	349°26'
30.06.2024	98°42'	22°59'	30°00'	115°30'	105°39'	45°14'	68°00'	349°26'
01.07.2024	99°40'	36°59'	43°57'	117°18'	106°52'	45°58'	68°13'	349°26'
02.07.2024	100°37'	50°53'	57°48'	119°04'	108°06'	46°41'	68°26'	349°25'
03.07.2024	101°34'	64°40'	71°31'	120°48'	109°20'	47°24'	68°39'	349°25'
04.07.2024	102°31'	78°18'	85°03'	122°30'	110°34'	48°07'	68°52'	349°25'
05.07.2024	103°29'	91°45'	98°23'	124°09'	111°47'	48°50'	69°05'	349°24'
06.07.2024	104°26'	104°57'	111°28'	125°47'	113°01'	49°33'	69°17'	349°24'
07.07.2024	105°23'	117°54'	124°17'	127°22'	114°15'	50°16'	69°30'	349°23'
08.07.2024	106°20'	130°35'	136°49'	128°55'	115°29'	50°58'	69°43'	349°22'
09.07.2024	107°17'	142°59'	149°05'	130°26'	116°42'	51°41'	69°55'	349°21'
10.07.2024	108°15'	155°09'	161°09'	131°55'	117°56'	52°23'	70°08'	349°21'
11.07.2024	109°12'	167°07'	173°03'	133°22'	119°10'	53°06'	70°20'	349°19'
12.07.2024	110°09'	178°58'	184°52'	134°46'	120°24'	53°48'	70°33'	349°18'
13.07.2024	111°06'	190°46'	196°40'	136°08'	121°37'	54°30'	70°45'	349°17'
14.07.2024	112°04'	202°36'	208°34'	137°28'	122°51'	55°13'	70°57'	349°16'
15.07.2024	113°01'	214°34'	220°38'	138°45'	124°05'	55°55'	71°09'	349°14'
16.07.2024	113°58'	226°46'	232°58'	140°00'	125°19'	56°37'	71°21'	349°13'
17.07.2024	114°55'	239°15'	245°38'	141°13'	126°32'	57°19'	71°33'	349°11'
18.07.2024	115°53'	252°06'	258°41'	142°23'	127°46'	58°01'	71°45'	349°09'
19.07.2024	116°50'	265°22'	272°08'	143°31'	129°00'	58°42'	71°57'	349°08'
20.07.2024	117°47'	279°01'	285°59'	144°35'	130°13'	59°24'	72°09'	349°06'
21.07.2024	118°44'	293°02'	300°10'	145°38'	131°27'	60°06'	72°21'	349°04'
22.07.2024	119°42'	307°21'	314°36'	146°37'	132°41'	60°47'	72°32'	349°02'

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23.07.2024	120°39'	321°52'	329°09'	147°33'	133°55'	61°29'	72°44'	348°59'
24.07.2024	121°36'	336°27'	343°45'	148°26'	135°08'	62°10'	72°55'	348°57'
25.07.2024	122°33'	351°01'	358°16'	149°16'	136°22'	62°51'	73°07'	348°55'
26.07.2024	123°31'	5°29'	12°39'	150°02'	137°36'	63°32'	73°18'	348°52'
27.07.2024	124°28'	19°46'	26°51'	150°45'	138°49'	64°13'	73°29'	348°50'
28.07.2024	125°25'	33°52'	40°50'	151°25'	140°03'	64°54'	73°40'	348°47'
29.07.2024	126°23'	47°45'	54°37'	152°00'	141°17'	65°35'	73°51'	348°44'
30.07.2024	127°20'	61°26'	68°12'	152°32'	142°30'	66°16'	74°02'	348°42'
31.07.2024	128°17'	74°55'	81°34'	152°59'	143°44'	66°57'	74°13'	348°39'
01.08.2024	129°15'	88°11'	94°44'	153°22'	144°58'	67°37'	74°24'	348°36'
02.08.2024	130°12'	101°15'	107°42'	153°40'	146°12'	68°18'	74°35'	348°33'
03.08.2024	131°10'	114°06'	120°27'	153°54'	147°25'	68°58'	74°45'	348°30'
04.08.2024	132°07'	126°44'	132°58'	154°03'	148°39'	69°39'	74°56'	348°27'
05.08.2024	133°05'	139°09'	145°17'	154°06'	149°53'	70°19'	75°06'	348°23'
06.08.2024	134°02'	151°22'	157°25'	154°05'	151°06'	70°59'	75°16'	348°20'
07.08.2024	135°00'	163°25'	169°23'	153°58'	152°20'	71°39'	75°27'	348°17'
08.08.2024	135°57'	175°18'	181°13'	153°46'	153°34'	72°19'	75°37'	348°13'
09.08.2024	136°55'	187°07'	193°00'	153°28'	154°47'	72°58'	75°47'	348°10'
10.08.2024	137°52'	198°53'	204°47'	153°05'	156°01'	73°38'	75°56'	348°06'
11.08.2024	138°50'	210°43'	216°40'	152°37'	157°15'	74°18'	76°06'	348°02'
12.08.2024	139°47'	222°40'	228°43'	152°04'	158°28'	74°57'	76°16'	347°59'
13.08.2024	140°45'	234°50'	241°02'	151°27'	159°42'	75°36'	76°25'	347°55'
14.08.2024	141°43'	247°19'	253°41'	150°46'	160°56'	76°15'	76°35'	347°51'
15.08.2024	142°40'	260°10'	266°45'	150°00'	162°09'	76°55'	76°44'	347°47'
16.08.2024	143°38'	273°27'	280°15'	149°13'	163°23'	77°33'	76°53'	347°43'
17.08.2024	144°35'	287°11'	294°13'	148°23'	164°37'	78°12'	77°02'	347°39'
18.08.2024	145°33'	301°21'	308°35'	147°31'	165°50'	78°51'	77°11'	347°35'
19.08.2024	146°31'	315°54'	323°16'	146°40'	167°04'	79°30'	77°20'	347°31'
20.08.2024	147°29'	330°42'	338°10'	145°49'	168°17'	80°08'	77°28'	347°27'
21.08.2024	148°26'	345°39'	353°08'	145°00'	169°31'	80°47'	77°37'	347°23'
22.08.2024	149°24'	0°36'	8°02'	144°14'	170°44'	81°25'	77°45'	347°19'
23.08.2024	150°22'	15°25'	22°44'	143°32'	171°58'	82°03'	77°53'	347°14'
24.08.2024	151°20'	30°00'	37°11'	142°54'	173°11'	82°41'	78°01'	347°10'
25.08.2024	152°18'	44°17'	51°18'	142°23'	174°25'	83°19'	78°09'	347°06'
26.08.2024	153°15'	58°14'	65°06'	141°57'	175°38'	83°56'	78°17'	347°01'
27.08.2024	154°13'	71°52'	78°34'	141°39'	176°52'	84°34'	78°25'	346°57'
28.08.2024	155°11'	85°12'	91°45'	141°28'	178°06'	85°12'	78°33'	346°53'
29.08.2024	156°09'	98°14'	104°39'	141°25'	179°19'	85°49'	78°40'	346°48'
30.08.2024	157°07'	111°00'	117°18'	141°30'	180°33'	86°26'	78°47'	346°44'
31.08.2024	158°05'	123°33'	129°45'	141°43'	181°46'	87°03'	78°54'	346°39'
01.09.2024	159°03'	135°54'	142°01'	142°05'	182°59'	87°40'	79°01'	346°35'
02.09.2024	160°01'	148°05'	154°07'	142°35'	184°13'	88°17'	79°08'	346°30'
03.09.2024	161°00'	160°07'	166°05'	143°13'	185°26'	88°54'	79°15'	346°25'
04.09.2024	161°58'	172°01'	177°56'	143°59'	186°40'	89°30'	79°21'	346°21'
05.09.2024	162°56'	183°50'	189°44'	144°53'	187°53'	90°06'	79°28'	346°16'
06.09.2024	163°54'	195°37'	201°30'	145°54'	189°07'	90°43'	79°34'	346°12'
07.09.2024	164°52'	207°23'	213°18'	147°02'	190°20'	91°19'	79°40'	346°07'
08.09.2024	165°50'	219°14'	225°11'	148°16'	191°33'	91°54'	79°46'	346°03'
09.09.2024	166°49'	231°11'	237°15'	149°36'	192°47'	92°30'	79°52'	345°58'
10.09.2024	167°47'	243°21'	249°32'	151°02'	194°00'	93°06'	79°57'	345°53'
11.09.2024	168°45'	255°48'	262°08'	152°32'	195°13'	93°41'	80°03'	345°49'
12.09.2024	169°44'	268°35'	275°07'	154°07'	196°27'	94°16'	80°08'	345°44'
13.09.2024	170°42'	281°46'	288°32'	155°45'	197°40'	94°51'	80°13'	345°40'
14.09.2024	171°41'	295°25'	302°24'	157°27'	198°53'	95°26'	80°18'	345°35'
15.09.2024	172°39'	309°31'	316°44'	159°11'	200°07'	96°01'	80°23'	345°30'

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16.09.2024	173°37'	324°03'	331°27'	160°57'	201°20'	96°35'	80°27'	345°26'
17.09.2024	174°36'	338°56'	346°28'	162°45'	202°33'	97°10'	80°31'	345°21'
18.09.2024	175°34'	354°03'	1°39'	164°35'	203°46'	97°44'	80°36'	345°17'
19.09.2024	176°33'	9°15'	16°49'	166°25'	204°59'	98°18'	80°40'	345°12'
20.09.2024	177°32'	24°21'	31°50'	168°16'	206°13'	98°52'	80°44'	345°08'
21.09.2024	178°30'	39°15'	46°34'	170°07'	207°26'	99°26'	80°47'	345°04'
22.09.2024	179°29'	53°48'	60°56'	171°59'	208°39'	99°59'	80°51'	344°59'
23.09.2024	180°28'	67°58'	74°54'	173°50'	209°52'	100°32'	80°54'	344°55'
24.09.2024	181°26'	81°43'	88°26'	175°42'	211°05'	101°05'	80°57'	344°51'
25.09.2024	182°25'	95°03'	101°34'	177°32'	212°18'	101°38'	81°00'	344°46'
26.09.2024	183°24'	108°00'	114°21'	179°23'	213°31'	102°11'	81°03'	344°42'
27.09.2024	184°23'	120°38'	126°50'	181°12'	214°44'	102°43'	81°05'	344°38'
28.09.2024	185°22'	132°59'	139°05'	183°01'	215°57'	103°16'	81°08'	344°34'
29.09.2024	186°21'	145°08'	151°09'	184°50'	217°10'	103°48'	81°10'	344°30'
30.09.2024	187°19'	157°08'	163°05'	186°37'	218°23'	104°19'	81°12'	344°26'
01.10.2024	188°18'	169°01'	174°55'	188°24'	219°36'	104°51'	81°13'	344°22'
02.10.2024	189°17'	180°49'	186°43'	190°10'	220°49'	105°22'	81°15'	344°18'
03.10.2024	190°17'	192°36'	198°30'	191°55'	222°02'	105°53'	81°16'	344°14'
04.10.2024	191°16'	204°24'	210°19'	193°39'	223°15'	106°24'	81°17'	344°10'
05.10.2024	192°15'	216°14'	222°11'	195°23'	224°28'	106°55'	81°18'	344°06'
06.10.2024	193°14'	228°10'	234°10'	197°06'	225°41'	107°25'	81°19'	344°02'
07.10.2024	194°13'	240°13'	246°18'	198°47'	226°54'	107°55'	81°20'	343°59'
08.10.2024	195°12'	252°27'	258°39'	200°28'	228°07'	108°25'	81°20'	343°55'
09.10.2024	196°12'	264°55'	271°15'	202°09'	229°20'	108°55'	81°20'	343°52'
10.10.2024	197°11'	277°40'	284°10'	203°48'	230°32'	109°24'	81°20'	343°48'
11.10.2024	198°10'	290°46'	297°27'	205°27'	231°45'	109°53'	81°20'	343°45'
12.10.2024	199°10'	304°15'	311°09'	207°05'	232°58'	110°22'	81°20'	343°41'
13.10.2024	200°09'	318°09'	325°15'	208°42'	234°11'	110°51'	81°19'	343°38'
14.10.2024	201°08'	332°28'	339°46'	210°18'	235°23'	111°19'	81°18'	343°35'
15.10.2024	202°08'	347°10'	354°38'	211°54'	236°36'	111°47'	81°17'	343°32'
16.10.2024	203°07'	2°09'	9°44'	213°29'	237°49'	112°15'	81°16'	343°29'
17.10.2024	204°07'	17°20'	24°56'	215°04'	239°01'	112°42'	81°14'	343°26'
18.10.2024	205°06'	32°32'	40°05'	216°38'	240°14'	113°09'	81°13'	343°23'
19.10.2024	206°06'	47°35'	55°01'	218°11'	241°26'	113°36'	81°11'	343°20'
20.10.2024	207°05'	62°22'	69°37'	219°44'	242°39'	114°02'	81°09'	343°18'
21.10.2024	208°05'	76°45'	83°46'	221°16'	243°51'	114°29'	81°06'	343°15'
22.10.2024	209°05'	90°40'	97°27'	222°47'	245°04'	114°54'	81°04'	343°13'
23.10.2024	210°04'	104°07'	110°41'	224°18'	246°16'	115°20'	81°01'	343°10'
24.10.2024	211°04'	117°08'	123°29'	225°48'	247°28'	115°45'	80°59'	343°08'
25.10.2024	212°04'	129°45'	135°56'	227°18'	248°41'	116°10'	80°56'	343°06'
26.10.2024	213°04'	142°03'	148°06'	228°47'	249°53'	116°34'	80°52'	343°04'
27.10.2024	214°04'	154°06'	160°04'	230°15'	251°05'	116°58'	80°49'	343°02'
28.10.2024	215°03'	166°00'	171°54'	231°43'	252°18'	117°22'	80°45'	343°00'
29.10.2024	216°03'	177°48'	183°41'	233°10'	253°30'	117°45'	80°41'	342°58'
30.10.2024	217°03'	189°34'	195°27'	234°37'	254°42'	118°08'	80°37'	342°56'
31.10.2024	218°03'	201°22'	207°17'	236°03'	255°54'	118°31'	80°33'	342°54'
01.11.2024	219°03'	213°14'	219°12'	237°28'	257°06'	118°53'	80°29'	342°53'
02.11.2024	220°03'	225°12'	231°14'	238°53'	258°18'	119°14'	80°24'	342°51'
03.11.2024	221°04'	237°18'	243°24'	240°16'	259°30'	119°36'	80°20'	342°50'
04.11.2024	222°04'	249°33'	255°44'	241°39'	260°42'	119°56'	80°15'	342°49'
05.11.2024	223°04'	261°59'	268°16'	243°01'	261°54'	120°17'	80°10'	342°47'
06.11.2024	224°04'	274°36'	281°00'	244°22'	263°06'	120°37'	80°05'	342°46'
07.11.2024	225°04'	287°28'	293°59'	245°42'	264°18'	120°56'	79°59'	342°45'
08.11.2024	226°04'	300°34'	307°14'	247°01'	265°30'	121°15'	79°54'	342°45'
09.11.2024	227°05'	313°58'	320°47'	248°19'	266°42'	121°34'	79°48'	342°44'

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10.11.2024	228°05'	327°41'	334°40'	249°35'	267°53'	121°51'	79°42'	342°43'
11.11.2024	229°05'	341°44'	348°52'	250°50'	269°05'	122°09'	79°36'	342°43'
12.11.2024	230°06'	356°06'	3°24'	252°02'	270°17'	122°26'	79°30'	342°42'
13.11.2024	231°06'	10°46'	18°11'	253°13'	271°28'	122°42'	79°24'	342°42'
14.11.2024	232°06'	25°39'	33°08'	254°22'	272°40'	122°58'	79°17'	342°42'
15.11.2024	233°07'	40°38'	48°07'	255°28'	273°51'	123°14'	79°11'	342°42'
16.11.2024	234°07'	55°35'	62°59'	256°31'	275°02'	123°28'	79°04'	342°42'
17.11.2024	235°08'	70°20'	77°37'	257°31'	276°14'	123°43'	78°57'	342°42'
18.11.2024	236°08'	84°47'	91°51'	258°28'	277°25'	123°56'	78°50'	342°42'
19.11.2024	237°09'	98°49'	105°39'	259°20'	278°36'	124°10'	78°43'	342°42'
20.11.2024	238°09'	112°23'	118°59'	260°08'	279°47'	124°22'	78°36'	342°43'
21.11.2024	239°10'	125°29'	131°53'	260°50'	280°58'	124°34'	78°29'	342°43'
22.11.2024	240°10'	138°10'	144°22'	261°27'	282°09'	124°45'	78°21'	342°44'
23.11.2024	241°11'	150°30'	156°33'	261°57'	283°20'	124°56'	78°14'	342°44'
24.11.2024	242°12'	162°33'	168°31'	262°20'	284°30'	125°06'	78°06'	342°45'
25.11.2024	243°12'	174°26'	180°20'	262°34'	285°41'	125°15'	77°59'	342°46'
26.11.2024	244°13'	186°13'	192°06'	262°40'	286°52'	125°24'	77°51'	342°47'
27.11.2024	245°14'	197°59'	203°54'	262°36'	288°02'	125°32'	77°43'	342°48'
28.11.2024	246°14'	209°50'	215°48'	262°22'	289°13'	125°39'	77°35'	342°50'
29.11.2024	247°15'	221°48'	227°50'	261°57'	290°23'	125°45'	77°27'	342°51'
30.11.2024	248°16'	233°55'	240°04'	261°21'	291°33'	125°51'	77°19'	342°53'
01.12.2024	249°17'	246°15'	252°29'	260°35'	292°43'	125°56'	77°11'	342°54'
02.12.2024	250°18'	258°47'	265°08'	259°37'	293°53'	126°00'	77°03'	342°56'
03.12.2024	251°18'	271°31'	277°58'	258°31'	295°03'	126°04'	76°55'	342°58'
04.12.2024	252°19'	284°28'	291°00'	257°17'	296°13'	126°07'	76°47'	342°59'
05.12.2024	253°20'	297°36'	304°14'	255°57'	297°23'	126°09'	76°39'	343°01'
06.12.2024	254°21'	310°55'	317°39'	254°35'	298°33'	126°10'	76°31'	343°04'
07.12.2024	255°22'	324°25'	331°15'	253°12'	299°42'	126°10'	76°22'	343°06'
08.12.2024	256°23'	338°07'	345°02'	251°52'	300°51'	126°10'	76°14'	343°08'
09.12.2024	257°24'	352°01'	359°02'	250°37'	302°01'	126°09'	76°06'	343°10'
10.12.2024	258°25'	6°07'	13°15'	249°30'	303°10'	126°07'	75°58'	343°13'
11.12.2024	259°26'	20°25'	27°38'	248°32'	304°19'	126°04'	75°50'	343°15'
12.12.2024	260°27'	34°53'	42°10'	247°44'	305°27'	126°00'	75°42'	343°18'
13.12.2024	261°28'	49°27'	56°45'	247°07'	306°36'	125°56'	75°34'	343°21'
14.12.2024	262°29'	64°01'	71°17'	246°42'	307°44'	125°50'	75°26'	343°24'
15.12.2024	263°30'	78°29'	85°39'	246°28'	308°53'	125°44'	75°17'	343°27'
16.12.2024	264°31'	92°44'	99°44'	246°24'	310°01'	125°37'	75°10'	343°30'
17.12.2024	265°32'	106°39'	113°29'	246°30'	311°09'	125°29'	75°02'	343°33'
18.12.2024	266°33'	120°12'	126°48'	246°45'	312°16'	125°20'	74°54'	343°36'
19.12.2024	267°34'	133°19'	139°43'	247°09'	313°24'	125°11'	74°46'	343°40'
20.12.2024	268°35'	146°02'	152°16'	247°40'	314°31'	125°01'	74°38'	343°43'
21.12.2024	269°36'	158°25'	164°29'	248°18'	315°39'	124°49'	74°31'	343°47'
22.12.2024	270°37'	170°30'	176°28'	249°02'	316°46'	124°37'	74°23'	343°50'
23.12.2024	271°38'	182°24'	188°19'	249°51'	317°52'	124°25'	74°15'	343°54'
24.12.2024	272°40'	194°12'	200°06'	250°45'	318°59'	124°11'	74°08'	343°58'
25.12.2024	273°41'	206°00'	211°55'	251°43'	320°05'	123°57'	74°01'	344°02'
26.12.2024	274°42'	217°53'	223°52'	252°45'	321°11'	123°41'	73°54'	344°06'
27.12.2024	275°43'	229°55'	236°01'	253°50'	322°17'	123°25'	73°46'	344°10'
28.12.2024	276°44'	242°11'	248°24'	254°58'	323°23'	123°09'	73°40'	344°14'
29.12.2024	277°45'	254°42'	261°04'	256°09'	324°28'	122°51'	73°33'	344°18'
30.12.2024	278°46'	267°30'	274°00'	257°21'	325°33'	122°33'	73°26'	344°23'
31.12.2024	279°48'	280°35'	287°13'	258°36'	326°38'	122°14'	73°19'	344°27'
01.01.2025	280°49'	293°55'	300°40'	259°52'	327°43'	121°55'	73°13'	344°31'
02.01.2025	281°50'	307°27'	314°17'	261°10'	328°47'	121°35'	73°07'	344°36'
03.01.2025	282°51'	321°10'	328°04'	262°29'	329°51'	121°15'	73°00'	344°41'

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04.01.2025	283°52'	335°00'	341°57'	263°50'	330°55'	120°54'	72°54'	344°45'
05.01.2025	284°53'	348°55'	355°54'	265°12'	331°58'	120°32'	72°49'	344°50'
06.01.2025	285°55'	2°55'	9°56'	266°34'	333°01'	120°10'	72°43'	344°55'
07.01.2025	286°56'	16°58'	24°01'	267°58'	334°04'	119°48'	72°37'	345°00'
08.01.2025	287°57'	31°04'	38°08'	269°23'	335°06'	119°25'	72°32'	345°05'
09.01.2025	288°58'	45°12'	52°16'	270°48'	336°08'	119°02'	72°27'	345°10'
10.01.2025	289°59'	59°21'	66°24'	272°14'	337°09'	118°38'	72°22'	345°15'
11.01.2025	291°00'	73°27'	80°28'	273°41'	338°10'	118°15'	72°17'	345°21'
12.01.2025	292°01'	87°27'	94°23'	275°08'	339°11'	117°51'	72°12'	345°26'
13.01.2025	293°03'	101°17'	108°06'	276°37'	340°11'	117°27'	72°07'	345°31'
14.01.2025	294°04'	114°52'	121°33'	278°05'	341°11'	117°03'	72°03'	345°37'
15.01.2025	295°05'	128°10'	134°41'	279°35'	342°10'	116°39'	71°59'	345°42'
16.01.2025	296°06'	141°08'	147°30'	281°05'	343°09'	116°15'	71°55'	345°48'
17.01.2025	297°07'	153°47'	159°59'	282°35'	344°07'	115°51'	71°51'	345°54'
18.01.2025	298°08'	166°08'	172°12'	284°06'	345°05'	115°27'	71°48'	345°59'
19.01.2025	299°09'	178°14'	184°12'	285°38'	346°02'	115°04'	71°44'	346°05'
20.01.2025	300°10'	190°09'	196°04'	287°10'	346°59'	114°40'	71°41'	346°11'
21.01.2025	301°11'	201°58'	207°52'	288°43'	347°55'	114°17'	71°38'	346°17'
22.01.2025	302°12'	213°46'	219°42'	290°16'	348°50'	113°54'	71°35'	346°23'
23.01.2025	303°13'	225°40'	231°40'	291°50'	349°45'	113°31'	71°32'	346°29'
24.01.2025	304°14'	237°43'	243°50'	293°24'	350°39'	113°09'	71°30'	346°35'
25.01.2025	305°15'	250°02'	256°18'	294°59'	351°33'	112°47'	71°28'	346°41'
26.01.2025	306°16'	262°38'	269°04'	296°35'	352°26'	112°25'	71°26'	346°47'
27.01.2025	307°17'	275°36'	282°13'	298°11'	353°18'	112°04'	71°24'	346°53'
28.01.2025	308°18'	288°55'	295°42'	299°48'	354°09'	111°44'	71°22'	347°00'
29.01.2025	309°19'	302°34'	309°30'	301°26'	355°00'	111°24'	71°21'	347°06'
30.01.2025	310°20'	316°31'	323°34'	303°04'	355°50'	111°05'	71°20'	347°12'
31.01.2025	311°21'	330°40'	337°48'	304°43'	356°39'	110°46'	71°19'	347°19'
01.02.2025	312°22'	344°57'	352°08'	306°23'	357°27'	110°28'	71°18'	347°25'
02.02.2025	313°23'	359°18'	6°28'	308°03'	358°14'	110°10'	71°17'	347°32'
03.02.2025	314°24'	13°38'	20°46'	309°44'	359°00'	109°54'	71°17'	347°39'
04.02.2025	315°25'	27°54'	34°59'	311°26'	359°45'	109°38'	71°17'	347°45'
05.02.2025	316°26'	42°03'	49°05'	313°08'	0°29'	109°22'	71°17'	347°52'
06.02.2025	317°27'	56°05'	63°03'	314°52'	1°13'	109°08'	71°17'	347°59'
07.02.2025	318°27'	69°59'	76°52'	316°36'	1°55'	108°54'	71°17'	348°05'
08.02.2025	319°28'	83°43'	90°31'	318°20'	2°35'	108°41'	71°18'	348°12'
09.02.2025	320°29'	97°17'	104°00'	320°06'	3°15'	108°29'	71°19'	348°19'
10.02.2025	321°30'	110°39'	117°15'	321°52'	3°53'	108°18'	71°20'	348°26'
11.02.2025	322°30'	123°48'	130°18'	323°39'	4°30'	108°07'	71°21'	348°33'
12.02.2025	323°31'	136°44'	143°06'	325°27'	5°06'	107°57'	71°23'	348°40'
13.02.2025	324°32'	149°25'	155°40'	327°16'	5°40'	107°48'	71°24'	348°46'
14.02.2025	325°32'	161°52'	168°00'	329°05'	6°13'	107°40'	71°26'	348°53'
15.02.2025	326°33'	174°05'	180°07'	330°54'	6°44'	107°33'	71°28'	349°00'
16.02.2025	327°33'	186°07'	192°05'	332°45'	7°14'	107°26'	71°30'	349°08'
17.02.2025	328°34'	198°01'	203°56'	334°36'	7°42'	107°20'	71°33'	349°15'
18.02.2025	329°34'	209°51'	215°45'	336°27'	8°08'	107°15'	71°35'	349°22'
19.02.2025	330°35'	221°40'	227°35'	338°18'	8°33'	107°11'	71°38'	349°29'
20.02.2025	331°35'	233°33'	239°33'	340°10'	8°56'	107°07'	71°41'	349°36'
21.02.2025	332°36'	245°35'	251°42'	342°01'	9°17'	107°05'	71°44'	349°43'
22.02.2025	333°36'	257°52'	264°07'	343°52'	9°36'	107°03'	71°48'	349°50'
23.02.2025	334°37'	270°27'	276°53'	345°43'	9°53'	107°01'	71°51'	349°58'
24.02.2025	335°37'	283°25'	290°03'	347°33'	10°07'	107°01'	71°55'	350°05'
25.02.2025	336°38'	296°47'	303°37'	349°22'	10°20'	107°01'	71°59'	350°12'
26.02.2025	337°38'	310°34'	317°36'	351°09'	10°31'	107°02'	72°03'	350°19'
27.02.2025	338°38'	324°44'	331°57'	352°54'	10°39'	107°04'	72°07'	350°27'

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28.02.2025	339°39'	339°13'	346°33'	354°37'	10°45'	107°07'	72°12'	350°34'
01.03.2025	340°39'	353°55'	1°19'	356°17'	10°49'	107°10'	72°16'	350°41'
02.03.2025	341°39'	8°43'	16°07'	357°54'	10°50'	107°14'	72°21'	350°49'
03.03.2025	342°39'	23°30'	30°51'	359°26'	10°49'	107°18'	72°26'	350°56'
04.03.2025	343°39'	38°09'	45°24'	0°54'	10°45'	107°24'	72°31'	351°03'
05.03.2025	344°40'	52°35'	59°43'	2°17'	10°39'	107°29'	72°37'	351°11'
06.03.2025	345°40'	66°46'	73°44'	3°34'	10°30'	107°36'	72°42'	351°18'
07.03.2025	346°40'	80°38'	87°28'	4°45'	10°19'	107°43'	72°48'	351°26'
08.03.2025	347°40'	94°13'	100°54'	5°49'	10°06'	107°51'	72°54'	351°33'
09.03.2025	348°40'	107°31'	114°04'	6°46'	9°49'	108°00'	73°00'	351°40'
10.03.2025	349°40'	120°33'	126°58'	7°35'	9°31'	108°09'	73°06'	351°48'
11.03.2025	350°40'	133°20'	139°38'	8°16'	9°10'	108°18'	73°12'	351°55'
12.03.2025	351°40'	145°54'	152°06'	8°49'	8°46'	108°29'	73°19'	352°03'
13.03.2025	352°39'	158°16'	164°23'	9°13'	8°21'	108°39'	73°25'	352°10'
14.03.2025	353°39'	170°27'	176°30'	9°28'	7°53'	108°51'	73°32'	352°17'
15.03.2025	354°39'	182°31'	188°29'	9°35'	7°24'	109°03'	73°39'	352°25'
16.03.2025	355°39'	194°27'	200°23'	9°33'	6°52'	109°15'	73°46'	352°32'
17.03.2025	356°39'	206°18'	212°13'	9°23'	6°19'	109°28'	73°54'	352°40'
18.03.2025	357°38'	218°07'	224°02'	9°05'	5°45'	109°41'	74°01'	352°47'
19.03.2025	358°38'	229°57'	235°53'	8°39'	5°10'	109°55'	74°08'	352°54'
20.03.2025	359°38'	241°51'	247°51'	8°07'	4°33'	110°09'	74°16'	353°02'
21.03.2025	0°37'	253°53'	259°59'	7°29'	3°56'	110°24'	74°24'	353°09'
22.03.2025	1°37'	266°08'	272°21'	6°46'	3°19'	110°40'	74°32'	353°16'
23.03.2025	2°36'	278°39'	285°02'	5°58'	2°41'	110°55'	74°40'	353°24'
24.03.2025	3°36'	291°31'	298°06'	5°08'	2°03'	111°12'	74°48'	353°31'
25.03.2025	4°35'	304°48'	311°36'	4°16'	1°26'	111°28'	74°57'	353°38'
26.03.2025	5°35'	318°31'	325°32'	3°23'	0°49'	111°45'	75°05'	353°46'
27.03.2025	6°34'	332°40'	339°54'	2°30'	0°13'	112°03'	75°14'	353°53'
28.03.2025	7°34'	347°14'	354°39'	1°39'	359°38'	112°21'	75°22'	354°00'
29.03.2025	8°33'	2°07'	9°39'	0°50'	359°04'	112°39'	75°31'	354°08'
30.03.2025	9°32'	17°13'	24°47'	0°04'	358°31'	112°58'	75°40'	354°15'
31.03.2025	10°32'	32°21'	39°54'	359°22'	358°01'	113°17'	75°49'	354°22'
01.04.2025	11°31'	47°23'	54°49'	358°45'	357°32'	113°36'	75°59'	354°29'
02.04.2025	12°30'	62°11'	69°27'	358°12'	357°05'	113°56'	76°08'	354°37'
03.04.2025	13°29'	76°38'	83°42'	357°45'	356°40'	114°16'	76°17'	354°44'
04.04.2025	14°28'	90°40'	97°32'	357°23'	356°17'	114°36'	76°27'	354°51'
05.04.2025	15°28'	104°18'	110°57'	357°06'	355°56'	114°57'	76°37'	354°58'
06.04.2025	16°27'	117°31'	124°00'	356°55'	355°38'	115°19'	76°47'	355°05'
07.04.2025	17°26'	130°23'	136°42'	356°50'	355°22'	115°40'	76°56'	355°12'
08.04.2025	18°25'	142°57'	149°09'	356°50'	355°08'	116°02'	77°06'	355°19'
09.04.2025	19°24'	155°17'	161°22'	356°56'	354°57'	116°24'	77°17'	355°26'
10.04.2025	20°23'	167°25'	173°25'	357°07'	354°49'	116°46'	77°27'	355°33'
11.04.2025	21°21'	179°24'	185°22'	357°22'	354°42'	117°09'	77°37'	355°40'
12.04.2025	22°20'	191°18'	197°14'	357°43'	354°39'	117°32'	77°48'	355°47'
13.04.2025	23°19'	203°09'	209°04'	358°08'	354°37'	117°55'	77°58'	355°54'
14.04.2025	24°18'	214°58'	220°53'	358°38'	354°39'	118°19'	78°09'	356°01'
15.04.2025	25°17'	226°49'	232°45'	359°11'	354°42'	118°43'	78°19'	356°08'
16.04.2025	26°15'	238°42'	244°40'	359°49'	354°48'	119°07'	78°30'	356°14'
17.04.2025	27°14'	250°40'	256°42'	0°31'	354°56'	119°31'	78°41'	356°21'
18.04.2025	28°13'	262°46'	268°52'	1°16'	355°06'	119°56'	78°52'	356°28'
19.04.2025	29°11'	275°02'	281°15'	2°05'	355°18'	120°20'	79°03'	356°34'
20.04.2025	30°10'	287°33'	293°54'	2°57'	355°33'	120°45'	79°14'	356°41'
21.04.2025	31°08'	300°21'	306°52'	3°52'	355°49'	121°11'	79°25'	356°48'
22.04.2025	32°07'	313°30'	320°13'	4°50'	356°07'	121°36'	79°37'	356°54'
23.04.2025	33°06'	327°03'	334°00'	5°51'	356°28'	122°02'	79°48'	357°01'

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24.04.2025	34°04'	341°03'	348°12'	6°55'	356°50'	122°28'	80°00'	357°07'
25.04.2025	35°03'	355°28'	2°50'	8°01'	357°13'	122°54'	80°11'	357°13'
26.04.2025	36°01'	10°17'	17°48'	9°10'	357°39'	123°20'	80°23'	357°20'
27.04.2025	36°59'	25°23'	33°00'	10°22'	358°06'	123°47'	80°35'	357°26'
28.04.2025	37°58'	40°38'	48°15'	11°36'	358°35'	124°14'	80°46'	357°32'
29.04.2025	38°56'	55°51'	63°24'	12°52'	359°05'	124°41'	80°58'	357°39'
30.04.2025	39°54'	70°53'	78°17'	14°10'	359°36'	125°08'	81°10'	357°45'
01.05.2025	40°53'	85°34'	92°45'	15°31'	0°09'	125°36'	81°22'	357°51'
02.05.2025	41°51'	99°49'	106°46'	16°53'	0°44'	126°03'	81°34'	357°57'
03.05.2025	42°49'	113°35'	120°17'	18°18'	1°19'	126°31'	81°46'	358°03'
04.05.2025	43°47'	126°52'	133°21'	19°45'	1°56'	126°59'	81°59'	358°09'
05.05.2025	44°46'	139°44'	146°01'	21°14'	2°34'	127°27'	82°11'	358°15'
06.05.2025	45°44'	152°14'	158°23'	22°45'	3°13'	127°55'	82°23'	358°21'
07.05.2025	46°42'	164°27'	170°29'	24°18'	3°53'	128°24'	82°35'	358°26'
08.05.2025	47°40'	176°28'	182°25'	25°53'	4°34'	128°53'	82°48'	358°32'
09.05.2025	48°38'	188°21'	194°16'	27°30'	5°17'	129°21'	83°00'	358°38'
10.05.2025	49°36'	200°10'	206°05'	29°09'	6°00'	129°50'	83°13'	358°43'
11.05.2025	50°34'	211°59'	217°54'	30°50'	6°44'	130°20'	83°25'	358°49'
12.05.2025	51°32'	223°49'	229°46'	32°32'	7°29'	130°49'	83°38'	358°54'
13.05.2025	52°30'	235°43'	241°42'	34°17'	8°15'	131°18'	83°51'	359°00'
14.05.2025	53°28'	247°43'	253°45'	36°04'	9°02'	131°48'	84°04'	359°05'
15.05.2025	54°25'	259°50'	265°56'	37°53'	9°49'	132°18'	84°16'	359°10'
16.05.2025	55°23'	272°04'	278°15'	39°44'	10°38'	132°48'	84°29'	359°16'
17.05.2025	56°21'	284°29'	290°45'	41°36'	11°27'	133°18'	84°42'	359°21'
18.05.2025	57°19'	297°05'	303°28'	43°31'	12°17'	133°48'	84°55'	359°26'
19.05.2025	58°17'	309°56'	316°27'	45°28'	13°07'	134°18'	85°08'	359°31'
20.05.2025	59°14'	323°03'	329°44'	47°27'	13°58'	134°48'	85°21'	359°36'
21.05.2025	60°12'	336°30'	343°22'	49°27'	14°50'	135°19'	85°34'	359°41'
22.05.2025	61°10'	350°19'	357°22'	51°29'	15°43'	135°50'	85°47'	359°45'
23.05.2025	62°08'	4°31'	11°46'	53°33'	16°36'	136°20'	86°00'	359°50'
24.05.2025	63°05'	19°05'	26°30'	55°39'	17°29'	136°51'	86°13'	359°55'
25.05.2025	64°03'	33°58'	41°30'	57°46'	18°23'	137°22'	86°27'	359°59'
26.05.2025	65°01'	49°03'	56°37'	59°55'	19°18'	137°54'	86°40'	0°04'
27.05.2025	65°58'	64°11'	71°43'	62°04'	20°13'	138°25'	86°53'	0°08'
28.05.2025	66°56'	79°12'	86°36'	64°15'	21°09'	138°56'	87°06'	0°13'
29.05.2025	67°54'	93°56'	101°09'	66°26'	22°05'	139°28'	87°20'	0°17'
30.05.2025	68°51'	108°15'	115°15'	68°38'	23°01'	140°00'	87°33'	0°21'
31.05.2025	69°49'	122°07'	128°52'	70°50'	23°58'	140°32'	87°47'	0°25'
01.06.2025	70°46'	135°29'	142°00'	73°02'	24°56'	141°03'	88°00'	0°29'
02.06.2025	71°44'	148°25'	154°43'	75°14'	25°53'	141°36'	88°13'	0°33'
03.06.2025	72°41'	160°56'	167°05'	77°25'	26°52'	142°08'	88°27'	0°37'
04.06.2025	73°39'	173°10'	179°11'	79°35'	27°50'	142°40'	88°40'	0°41'
05.06.2025	74°36'	185°09'	191°06'	81°44'	28°49'	143°12'	88°54'	0°44'
06.06.2025	75°34'	197°01'	202°56'	83°52'	29°48'	143°45'	89°07'	0°48'
07.06.2025	76°31'	208°50'	214°44'	85°58'	30°48'	144°17'	89°21'	0°52'
08.06.2025	77°28'	220°39'	226°35'	88°03'	31°48'	144°50'	89°34'	0°55'
09.06.2025	78°26'	232°33'	238°32'	90°05'	32°48'	145°23'	89°48'	0°58'
10.06.2025	79°23'	244°33'	250°37'	92°06'	33°49'	145°55'	90°02'	1°02'
11.06.2025	80°21'	256°42'	262°50'	94°04'	34°50'	146°28'	90°15'	1°05'
12.06.2025	81°18'	269°01'	275°14'	96°01'	35°51'	147°01'	90°29'	1°08'
13.06.2025	82°15'	281°29'	287°47'	97°55'	36°52'	147°35'	90°43'	1°11'
14.06.2025	83°12'	294°08'	300°32'	99°46'	37°54'	148°08'	90°56'	1°14'
15.06.2025	84°10'	306°58'	313°28'	101°36'	38°56'	148°41'	91°10'	1°17'
16.06.2025	85°07'	320°00'	326°36'	103°22'	39°58'	149°14'	91°23'	1°19'
17.06.2025	86°04'	333°15'	339°58'	105°07'	41°01'	149°48'	91°37'	1°22'

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18.06.2025	87°02'	346°45'	353°35'	106°49'	42°04'	150°22'	91°51'	1°24'
19.06.2025	87°59'	0°30'	7°29'	108°29'	43°07'	150°55'	92°05'	1°27'
20.06.2025	88°56'	14°33'	21°40'	110°06'	44°10'	151°29'	92°18'	1°29'
21.06.2025	89°54'	28°52'	36°07'	111°41'	45°14'	152°03'	92°32'	1°31'
22.06.2025	90°51'	43°26'	50°47'	113°13'	46°17'	152°37'	92°46'	1°34'
23.06.2025	91°48'	58°11'	65°35'	114°42'	47°21'	153°11'	92°59'	1°36'
24.06.2025	92°45'	72°59'	80°22'	116°10'	48°26'	153°45'	93°13'	1°38'
25.06.2025	93°43'	87°43'	95°01'	117°34'	49°30'	154°19'	93°27'	1°39'
26.06.2025	94°40'	102°15'	109°24'	118°56'	50°34'	154°53'	93°40'	1°41'
27.06.2025	95°37'	116°27'	123°25'	120°16'	51°39'	155°28'	93°54'	1°43'
28.06.2025	96°34'	130°16'	137°00'	121°33'	52°44'	156°02'	94°08'	1°45'
29.06.2025	97°32'	143°38'	150°09'	122°47'	53°49'	156°37'	94°22'	1°46'
30.06.2025	98°29'	156°34'	162°53'	123°58'	54°55'	157°11'	94°35'	1°47'
01.07.2025	99°26'	169°08'	175°17'	125°06'	56°00'	157°46'	94°49'	1°49'
02.07.2025	100°23'	181°23'	187°25'	126°12'	57°06'	158°21'	95°03'	1°50'
03.07.2025	101°20'	193°24'	199°21'	127°14'	58°11'	158°56'	95°16'	1°51'
04.07.2025	102°18'	205°17'	211°12'	128°14'	59°17'	159°31'	95°30'	1°52'
05.07.2025	103°15'	217°07'	223°03'	129°10'	60°23'	160°06'	95°44'	1°53'
06.07.2025	104°12'	228°59'	234°57'	130°03'	61°30'	160°41'	95°57'	1°53'
07.07.2025	105°09'	240°57'	246°59'	130°52'	62°36'	161°16'	96°11'	1°54'
08.07.2025	106°06'	253°04'	259°12'	131°38'	63°43'	161°51'	96°24'	1°55'
09.07.2025	107°04'	265°22'	271°36'	132°21'	64°49'	162°26'	96°38'	1°55'
10.07.2025	108°01'	277°54'	284°15'	132°59'	65°56'	163°02'	96°51'	1°56'
11.07.2025	108°58'	290°39'	297°06'	133°34'	67°03'	163°37'	97°05'	1°56'
12.07.2025	109°55'	303°37'	310°10'	134°04'	68°10'	164°13'	97°18'	1°56'
13.07.2025	110°52'	316°47'	323°26'	134°31'	69°17'	164°48'	97°32'	1°56'
14.07.2025	111°50'	330°08'	336°53'	134°52'	70°25'	165°24'	97°45'	1°56'
15.07.2025	112°47'	343°41'	350°31'	135°10'	71°32'	166°00'	97°59'	1°56'
16.07.2025	113°44'	357°23'	4°18'	135°23'	72°40'	166°36'	98°12'	1°56'
17.07.2025	114°41'	11°16'	18°16'	135°31'	73°48'	167°11'	98°26'	1°55'
18.07.2025	115°39'	25°18'	32°22'	135°34'	74°56'	167°47'	98°39'	1°55'
19.07.2025	116°36'	39°29'	46°38'	135°33'	76°04'	168°23'	98°52'	1°54'
20.07.2025	117°33'	53°48'	60°59'	135°27'	77°12'	168°59'	99°06'	1°54'
21.07.2025	118°30'	68°11'	75°23'	135°15'	78°20'	169°36'	99°19'	1°53'
22.07.2025	119°28'	82°34'	89°44'	134°59'	79°28'	170°12'	99°32'	1°52'
23.07.2025	120°25'	96°53'	103°58'	134°39'	80°37'	170°48'	99°45'	1°51'
24.07.2025	121°22'	111°01'	118°00'	134°14'	81°45'	171°25'	99°59'	1°50'
25.07.2025	122°20'	124°54'	131°43'	133°44'	82°54'	172°01'	100°12'	1°49'
26.07.2025	123°17'	138°28'	145°07'	133°11'	84°03'	172°37'	100°25'	1°48'
27.07.2025	124°14'	151°40'	158°09'	132°34'	85°12'	173°14'	100°38'	1°46'
28.07.2025	125°12'	164°32'	170°50'	131°55'	86°21'	173°51'	100°51'	1°45'
29.07.2025	126°09'	177°03'	183°13'	131°13'	87°30'	174°27'	101°04'	1°43'
30.07.2025	127°07'	189°18'	195°21'	130°29'	88°39'	175°04'	101°17'	1°42'
31.07.2025	128°04'	201°21'	207°19'	129°45'	89°49'	175°41'	101°30'	1°40'
01.08.2025	129°01'	213°15'	219°11'	129°00'	90°58'	176°18'	101°43'	1°38'
02.08.2025	129°59'	225°07'	231°03'	128°16'	92°07'	176°55'	101°56'	1°36'
03.08.2025	130°56'	237°00'	242°59'	127°34'	93°17'	177°32'	102°08'	1°34'
04.08.2025	131°54'	249°01'	255°05'	126°53'	94°27'	178°09'	102°21'	1°32'
05.08.2025	132°51'	261°12'	267°22'	126°16'	95°37'	178°46'	102°34'	1°30'
06.08.2025	133°48'	273°37'	279°55'	125°43'	96°46'	179°24'	102°46'	1°28'
07.08.2025	134°46'	286°18'	292°46'	125°14'	97°56'	180°01'	102°59'	1°26'
08.08.2025	135°43'	299°17'	305°53'	124°51'	99°06'	180°38'	103°11'	1°23'
09.08.2025	136°41'	312°34'	319°18'	124°33'	100°17'	181°16'	103°24'	1°21'
10.08.2025	137°38'	326°06'	332°57'	124°21'	101°27'	181°53'	103°36'	1°18'
11.08.2025	138°36'	339°52'	346°49'	124°15'	102°37'	182°31'	103°49'	1°15'

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12.08.2025	139°34'	353°49'	0°51'	124°17'	103°48'	183°08'	104°01'	1°12'
13.08.2025	140°31'	7°54'	14°59'	124°25'	104°58'	183°46'	104°13'	1°10'
14.08.2025	141°29'	22°05'	29°11'	124°40'	106°09'	184°24'	104°25'	1°07'
15.08.2025	142°26'	36°18'	43°25'	125°03'	107°19'	185°02'	104°37'	1°04'
16.08.2025	143°24'	50°32'	57°38'	125°32'	108°30'	185°40'	104°49'	1°00'
17.08.2025	144°22'	64°43'	71°47'	126°09'	109°41'	186°18'	105°01'	0°57'
18.08.2025	145°19'	78°50'	85°52'	126°53'	110°52'	186°56'	105°13'	0°54'
19.08.2025	146°17'	92°51'	99°49'	127°44'	112°03'	187°34'	105°25'	0°51'
20.08.2025	147°15'	106°44'	113°36'	128°42'	113°14'	188°12'	105°37'	0°47'
21.08.2025	148°13'	120°24'	127°10'	129°46'	114°25'	188°50'	105°49'	0°44'
22.08.2025	149°10'	133°52'	140°30'	130°56'	115°37'	189°28'	106°00'	0°40'
23.08.2025	150°08'	147°04'	153°34'	132°13'	116°48'	190°07'	106°12'	0°37'
24.08.2025	151°06'	160°00'	166°22'	133°35'	117°59'	190°45'	106°23'	0°33'
25.08.2025	152°04'	172°40'	178°54'	135°02'	119°11'	191°24'	106°35'	0°29'
26.08.2025	153°02'	185°04'	191°11'	136°34'	120°22'	192°02'	106°46'	0°25'
27.08.2025	154°00'	197°16'	203°17'	138°11'	121°34'	192°41'	106°57'	0°22'
28.08.2025	154°58'	209°16'	215°14'	139°51'	122°46'	193°19'	107°09'	0°18'
29.08.2025	155°56'	221°11'	227°06'	141°35'	123°58'	193°58'	107°20'	0°14'
30.08.2025	156°54'	233°02'	238°58'	143°22'	125°10'	194°37'	107°31'	0°10'
31.08.2025	157°52'	244°55'	250°54'	145°11'	126°21'	195°16'	107°41'	0°06'
01.09.2025	158°50'	256°55'	262°59'	147°03'	127°33'	195°55'	107°52'	0°01'
02.09.2025	159°48'	269°06'	275°17'	148°56'	128°46'	196°34'	108°03'	359°57'
03.09.2025	160°46'	281°33'	287°53'	150°51'	129°58'	197°13'	108°14'	359°53'
04.09.2025	161°44'	294°18'	300°48'	152°46'	131°10'	197°52'	108°24'	359°49'
05.09.2025	162°42'	307°24'	314°05'	154°42'	132°22'	198°31'	108°35'	359°44'
06.09.2025	163°40'	320°52'	327°45'	156°39'	133°35'	199°10'	108°45'	359°40'
07.09.2025	164°38'	334°42'	341°44'	158°35'	134°47'	199°50'	108°55'	359°36'
08.09.2025	165°37'	348°51'	356°01'	160°31'	136°00'	200°29'	109°05'	359°31'
09.09.2025	166°35'	3°15'	10°30'	162°27'	137°12'	201°08'	109°15'	359°27'
10.09.2025	167°33'	17°48'	25°06'	164°22'	138°25'	201°48'	109°25'	359°22'
11.09.2025	168°31'	32°24'	39°42'	166°17'	139°37'	202°27'	109°35'	359°18'
12.09.2025	169°30'	46°58'	54°13'	168°11'	140°50'	203°07'	109°45'	359°13'
13.09.2025	170°28'	61°25'	68°34'	170°04'	142°03'	203°47'	109°55'	359°09'
14.09.2025	171°27'	75°40'	82°43'	171°56'	143°16'	204°26'	110°04'	359°04'
15.09.2025	172°25'	89°42'	96°38'	173°47'	144°29'	205°06'	110°14'	359°00'
16.09.2025	173°24'	103°30'	110°17'	175°37'	145°42'	205°46'	110°23'	358°55'
17.09.2025	174°22'	117°02'	123°42'	177°27'	146°55'	206°26'	110°32'	358°50'
18.09.2025	175°21'	130°19'	136°52'	179°15'	148°08'	207°06'	110°41'	358°46'
19.09.2025	176°19'	143°21'	149°48'	181°02'	149°21'	207°46'	110°50'	358°41'
20.09.2025	177°18'	156°10'	162°30'	182°48'	150°35'	208°26'	110°59'	358°36'
21.09.2025	178°16'	168°47'	175°01'	184°33'	151°48'	209°06'	111°08'	358°32'
22.09.2025	179°15'	181°11'	187°20'	186°17'	153°01'	209°47'	111°16'	358°27'
23.09.2025	180°14'	193°25'	199°29'	188°00'	154°15'	210°27'	111°25'	358°22'
24.09.2025	181°13'	205°30'	211°29'	189°43'	155°28'	211°07'	111°33'	358°18'
25.09.2025	182°11'	217°27'	223°24'	191°24'	156°42'	211°48'	111°41'	358°13'
26.09.2025	183°10'	229°20'	235°15'	193°04'	157°55'	212°28'	111°49'	358°08'
27.09.2025	184°09'	241°10'	247°06'	194°43'	159°09'	213°09'	111°57'	358°04'
28.09.2025	185°08'	253°03'	259°01'	196°22'	160°23'	213°50'	112°05'	357°59'
29.09.2025	186°07'	265°01'	271°03'	197°59'	161°37'	214°30'	112°13'	357°55'
30.09.2025	187°06'	277°09'	283°18'	199°36'	162°50'	215°11'	112°20'	357°50'
01.10.2025	188°05'	289°31'	295°49'	201°11'	164°04'	215°52'	112°28'	357°45'
02.10.2025	189°04'	302°13'	308°42'	202°46'	165°18'	216°33'	112°35'	357°41'
03.10.2025	190°03'	315°17'	321°59'	204°20'	166°32'	217°14'	112°42'	357°36'
04.10.2025	191°02'	328°47'	335°42'	205°53'	167°46'	217°55'	112°49'	357°32'
05.10.2025	192°01'	342°44'	349°51'	207°25'	169°00'	218°36'	112°56'	357°28'

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06.10.2025	193°00'	357°05'	4°24'	208°57'	170°14'	219°17'	113°03'	357°23'
07.10.2025	193°59'	11°47'	19°15'	210°28'	171°28'	219°58'	113°09'	357°19'
08.10.2025	194°58'	26°44'	34°15'	211°57'	172°42'	220°39'	113°15'	357°14'
09.10.2025	195°57'	41°47'	49°18'	213°26'	173°57'	221°21'	113°22'	357°10'
10.10.2025	196°57'	56°46'	64°12'	214°55'	175°11'	222°02'	113°28'	357°06'
11.10.2025	197°56'	71°34'	78°52'	216°22'	176°25'	222°43'	113°34'	357°02'
12.10.2025	198°55'	86°04'	93°11'	217°49'	177°40'	223°25'	113°39'	356°58'
13.10.2025	199°55'	100°12'	107°07'	219°15'	178°54'	224°06'	113°45'	356°53'
14.10.2025	200°54'	113°57'	120°41'	220°39'	180°08'	224°48'	113°50'	356°49'
15.10.2025	201°54'	127°19'	133°53'	222°03'	181°23'	225°30'	113°56'	356°45'
16.10.2025	202°53'	140°22'	146°46'	223°27'	182°37'	226°12'	114°01'	356°41'
17.10.2025	203°53'	153°07'	159°24'	224°49'	183°52'	226°53'	114°06'	356°38'
18.10.2025	204°52'	165°38'	171°49'	226°10'	185°06'	227°35'	114°10'	356°34'
19.10.2025	205°52'	177°57'	184°03'	227°30'	186°21'	228°17'	114°15'	356°30'
20.10.2025	206°51'	190°07'	196°09'	228°49'	187°36'	228°59'	114°19'	356°26'
21.10.2025	207°51'	202°10'	208°09'	230°07'	188°50'	229°41'	114°23'	356°23'
22.10.2025	208°51'	214°07'	220°05'	231°23'	190°05'	230°23'	114°28'	356°19'
23.10.2025	209°50'	226°01'	231°57'	232°38'	191°20'	231°06'	114°31'	356°16'
24.10.2025	210°50'	237°52'	243°47'	233°52'	192°35'	231°48'	114°35'	356°12'
25.10.2025	211°50'	249°43'	255°39'	235°04'	193°49'	232°30'	114°39'	356°09'
26.10.2025	212°50'	261°36'	267°34'	236°14'	195°04'	233°13'	114°42'	356°06'
27.10.2025	213°50'	273°33'	279°35'	237°22'	196°19'	233°55'	114°45'	356°02'
28.10.2025	214°49'	285°39'	291°47'	238°28'	197°34'	234°38'	114°48'	355°59'
29.10.2025	215°49'	297°58'	304°13'	239°32'	198°49'	235°20'	114°51'	355°56'
30.10.2025	216°49'	310°33'	316°59'	240°33'	200°04'	236°03'	114°53'	355°53'
31.10.2025	217°49'	323°30'	330°08'	241°31'	201°19'	236°45'	114°56'	355°51'
01.11.2025	218°49'	336°52'	343°44'	242°25'	202°34'	237°28'	114°58'	355°48'
02.11.2025	219°49'	350°43'	357°49'	243°16'	203°49'	238°11'	115°00'	355°45'
03.11.2025	220°49'	5°02'	12°22'	244°03'	205°04'	238°54'	115°02'	355°42'
04.11.2025	221°49'	19°48'	27°19'	244°46'	206°19'	239°37'	115°03'	355°40'
05.11.2025	222°49'	34°54'	42°32'	245°23'	207°34'	240°20'	115°05'	355°38'
06.11.2025	223°50'	50°12'	57°52'	245°54'	208°49'	241°03'	115°06'	355°35'
07.11.2025	224°50'	65°31'	73°07'	246°20'	210°04'	241°46'	115°07'	355°33'
08.11.2025	225°50'	80°39'	88°05'	246°38'	211°19'	242°29'	115°08'	355°31'
09.11.2025	226°50'	95°26'	102°41'	246°49'	212°34'	243°12'	115°08'	355°29'
10.11.2025	227°50'	109°48'	116°48'	246°52'	213°50'	243°55'	115°09'	355°27'
11.11.2025	228°51'	123°41'	130°26'	246°45'	215°05'	244°39'	115°09'	355°25'
12.11.2025	229°51'	137°05'	143°38'	246°29'	216°20'	245°22'	115°09'	355°23'
13.11.2025	230°51'	150°04'	156°26'	246°03'	217°35'	246°06'	115°09'	355°22'
14.11.2025	231°52'	162°42'	168°55'	245°27'	218°51'	246°49'	115°09'	355°20'
15.11.2025	232°52'	175°03'	181°09'	244°41'	220°06'	247°33'	115°08'	355°19'
16.11.2025	233°53'	187°12'	193°13'	243°45'	221°21'	248°16'	115°07'	355°17'
17.11.2025	234°53'	199°12'	205°10'	242°41'	222°36'	249°00'	115°06'	355°16'
18.11.2025	235°54'	211°07'	217°03'	241°29'	223°52'	249°44'	115°05'	355°15'
19.11.2025	236°54'	222°59'	228°55'	240°11'	225°07'	250°28'	115°04'	355°14'
20.11.2025	237°55'	234°51'	240°46'	238°50'	226°22'	251°11'	115°02'	355°13'
21.11.2025	238°55'	246°43'	252°39'	237°29'	227°38'	251°55'	115°00'	355°12'
22.11.2025	239°56'	258°36'	264°34'	236°10'	228°53'	252°39'	114°58'	355°11'
23.11.2025	240°57'	270°34'	276°34'	234°55'	230°09'	253°23'	114°56'	355°11'
24.11.2025	241°57'	282°36'	288°39'	233°48'	231°24'	254°07'	114°54'	355°10'
25.11.2025	242°58'	294°45'	300°54'	232°49'	232°39'	254°52'	114°51'	355°10'
26.11.2025	243°59'	307°05'	313°20'	232°01'	233°55'	255°36'	114°49'	355°10'
27.11.2025	244°59'	319°38'	326°01'	231°24'	235°10'	256°20'	114°46'	355°10'
28.11.2025	246°00'	332°29'	339°03'	230°59'	236°26'	257°04'	114°43'	355°09'
29.11.2025	247°01'	345°43'	352°28'	230°45'	237°41'	257°49'	114°39'	355°09'

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30.11.2025	248°02'	359°21'	6°21'	230°43'	238°56'	258°33'	114°36'	355°10'
01.12.2025	249°02'	13°27'	20°41'	230°51'	240°12'	259°18'	114°32'	355°10'
02.12.2025	250°03'	28°01'	35°27'	231°08'	241°27'	260°02'	114°28'	355°10'
03.12.2025	251°04'	42°58'	50°34'	231°35'	242°43'	260°47'	114°24'	355°11'
04.12.2025	252°05'	58°13'	65°53'	232°10'	243°58'	261°31'	114°20'	355°11'
05.12.2025	253°06'	73°33'	81°12'	232°52'	245°14'	262°16'	114°15'	355°12'
06.12.2025	254°07'	88°48'	96°20'	233°40'	246°29'	263°01'	114°11'	355°13'
07.12.2025	255°07'	103°46'	111°07'	234°33'	247°45'	263°46'	114°06'	355°14'
08.12.2025	256°08'	118°20'	125°26'	235°32'	249°00'	264°30'	114°01'	355°15'
09.12.2025	257°09'	132°24'	139°14'	236°35'	250°16'	265°15'	113°56'	355°16'
10.12.2025	258°10'	145°57'	152°33'	237°42'	251°31'	266°00'	113°51'	355°17'
11.12.2025	259°11'	159°02'	165°25'	238°51'	252°47'	266°45'	113°45'	355°18'
12.12.2025	260°12'	171°42'	177°55'	240°04'	254°02'	267°30'	113°40'	355°20'
13.12.2025	261°13'	184°03'	190°07'	241°19'	255°18'	268°15'	113°34'	355°21'
14.12.2025	262°14'	196°09'	202°08'	242°36'	256°33'	269°01'	113°28'	355°23'
15.12.2025	263°15'	208°05'	214°02'	243°55'	257°49'	269°46'	113°22'	355°25'
16.12.2025	264°16'	219°57'	225°52'	245°16'	259°04'	270°31'	113°16'	355°27'
17.12.2025	265°17'	231°47'	237°42'	246°38'	260°20'	271°16'	113°10'	355°29'
18.12.2025	266°18'	243°38'	249°35'	248°01'	261°35'	272°02'	113°03'	355°31'
19.12.2025	267°19'	255°33'	261°32'	249°26'	262°51'	272°47'	112°57'	355°33'
20.12.2025	268°21'	267°33'	273°35'	250°51'	264°06'	273°32'	112°50'	355°35'
21.12.2025	269°22'	279°39'	285°44'	252°17'	265°22'	274°18'	112°43'	355°37'
22.12.2025	270°23'	291°51'	298°01'	253°44'	266°37'	275°04'	112°36'	355°40'
23.12.2025	271°24'	304°12'	310°26'	255°11'	267°53'	275°49'	112°29'	355°42'
24.12.2025	272°25'	316°42'	323°01'	256°39'	269°08'	276°35'	112°22'	355°45'
25.12.2025	273°26'	329°23'	335°49'	258°08'	270°24'	277°20'	112°15'	355°48'
26.12.2025	274°27'	342°18'	348°52'	259°37'	271°39'	278°06'	112°07'	355°51'
27.12.2025	275°28'	355°31'	2°14'	261°06'	272°55'	278°52'	112°00'	355°54'
28.12.2025	276°30'	9°02'	15°56'	262°36'	274°10'	279°38'	111°52'	355°57'
29.12.2025	277°31'	22°56'	30°01'	264°06'	275°26'	280°24'	111°45'	356°00'
30.12.2025	278°32'	37°12'	44°29'	265°37'	276°41'	281°09'	111°37'	356°03'
31.12.2025	279°33'	51°49'	59°15'	267°08'	277°57'	281°55'	111°29'	356°07'
01.01.2026	280°34'	66°43'	74°13'	268°39'	279°12'	282°41'	111°21'	356°10'
02.01.2026	281°35'	81°45'	89°17'	270°11'	280°28'	283°27'	111°14'	356°14'
03.01.2026	282°36'	96°47'	104°14'	271°43'	281°43'	284°13'	111°06'	356°17'
04.01.2026	283°37'	111°38'	118°57'	273°15'	282°59'	284°59'	110°58'	356°21'
05.01.2026	284°39'	126°11'	133°18'	274°48'	284°14'	285°46'	110°50'	356°25'
06.01.2026	285°40'	140°18'	147°12'	276°21'	285°30'	286°32'	110°42'	356°29'
07.01.2026	286°41'	153°58'	160°37'	277°55'	286°45'	287°18'	110°34'	356°33'
08.01.2026	287°42'	167°10'	173°36'	279°29'	288°01'	288°04'	110°26'	356°37'
09.01.2026	288°43'	179°57'	186°12'	281°03'	289°16'	288°50'	110°17'	356°41'
10.01.2026	289°44'	192°23'	198°29'	282°38'	290°32'	289°37'	110°09'	356°45'
11.01.2026	290°45'	204°32'	210°32'	284°13'	291°47'	290°23'	110°01'	356°50'
12.01.2026	291°47'	216°30'	222°27'	285°48'	293°03'	291°09'	109°53'	356°54'
13.01.2026	292°48'	228°22'	234°18'	287°24'	294°18'	291°56'	109°45'	356°58'
14.01.2026	293°49'	240°13'	246°09'	289°01'	295°34'	292°42'	109°37'	357°03'
15.01.2026	294°50'	252°06'	258°04'	290°38'	296°49'	293°29'	109°29'	357°08'
16.01.2026	295°51'	264°04'	270°06'	292°15'	298°05'	294°15'	109°21'	357°12'
17.01.2026	296°52'	276°11'	282°17'	293°53'	299°20'	295°02'	109°13'	357°17'
18.01.2026	297°53'	288°27'	294°39'	295°32'	300°35'	295°48'	109°05'	357°22'
19.01.2026	298°54'	300°53'	307°10'	297°11'	301°51'	296°35'	108°57'	357°27'
20.01.2026	299°56'	313°31'	319°53'	298°50'	303°06'	297°22'	108°49'	357°32'
21.01.2026	300°57'	326°19'	332°48'	300°31'	304°22'	298°08'	108°42'	357°37'
22.01.2026	301°58'	339°19'	345°54'	302°11'	305°37'	298°55'	108°34'	357°43'
23.01.2026	302°59'	352°31'	359°12'	303°53'	306°53'	299°42'	108°26'	357°48'

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24.01.2026	304°00'	5°56'	12°43'	305°34'	308°08'	300°29'	108°19'	357°53'
25.01.2026	305°01'	19°34'	26°28'	307°17'	309°23'	301°15'	108°11'	357°59'
26.01.2026	306°02'	33°26'	40°27'	309°00'	310°39'	302°02'	108°04'	358°04'
27.01.2026	307°03'	47°32'	54°40'	310°43'	311°54'	302°49'	107°56'	358°10'
28.01.2026	308°04'	61°51'	69°04'	312°27'	313°09'	303°36'	107°49'	358°15'
29.01.2026	309°05'	76°19'	83°36'	314°12'	314°25'	304°23'	107°42'	358°21'
30.01.2026	310°06'	90°54'	98°11'	315°57'	315°40'	305°10'	107°35'	358°27'
31.01.2026	311°07'	105°27'	112°42'	317°43'	316°55'	305°57'	107°28'	358°33'
01.02.2026	312°07'	119°55'	127°04'	319°28'	318°11'	306°44'	107°22'	358°38'
02.02.2026	313°08'	134°09'	141°09'	321°15'	319°26'	307°31'	107°15'	358°44'
03.02.2026	314°09'	148°05'	154°55'	323°01'	320°41'	308°18'	107°08'	358°50'
04.02.2026	315°10'	161°39'	168°18'	324°47'	321°56'	309°05'	107°02'	358°56'
05.02.2026	316°11'	174°51'	181°19'	326°34'	323°12'	309°52'	106°56'	359°03'
06.02.2026	317°12'	187°41'	193°58'	328°20'	324°27'	310°39'	106°50'	359°09'
07.02.2026	318°12'	200°11'	206°20'	330°05'	325°42'	311°26'	106°44'	359°15'
08.02.2026	319°13'	212°25'	218°27'	331°50'	326°57'	312°13'	106°38'	359°21'
09.02.2026	320°14'	224°27'	230°25'	333°34'	328°13'	313°00'	106°32'	359°28'
10.02.2026	321°15'	236°21'	242°17'	335°17'	329°28'	313°47'	106°27'	359°34'
11.02.2026	322°15'	248°14'	254°10'	336°58'	330°43'	314°34'	106°21'	359°40'
12.02.2026	323°16'	260°08'	266°07'	338°37'	331°58'	315°21'	106°16'	359°47'
13.02.2026	324°17'	272°09'	278°12'	340°13'	333°13'	316°09'	106°11'	359°53'
14.02.2026	325°17'	284°19'	290°29'	341°46'	334°28'	316°56'	106°06'	360°00'
15.02.2026	326°18'	296°43'	303°00'	343°16'	335°43'	317°43'	106°02'	0°07'
16.02.2026	327°19'	309°22'	315°47'	344°41'	336°58'	318°30'	105°57'	0°13'
17.02.2026	328°19'	322°16'	328°49'	346°01'	338°14'	319°17'	105°53'	0°20'
18.02.2026	329°20'	335°26'	342°07'	347°16'	339°29'	320°05'	105°49'	0°27'
19.02.2026	330°20'	348°51'	355°38'	348°24'	340°44'	320°52'	105°45'	0°33'
20.02.2026	331°21'	2°29'	9°23'	349°26'	341°59'	321°39'	105°41'	0°40'
21.02.2026	332°22'	16°18'	23°17'	350°19'	343°14'	322°26'	105°37'	0°47'
22.02.2026	333°22'	30°17'	37°19'	351°05'	344°29'	323°14'	105°34'	0°54'
23.02.2026	334°22'	44°22'	51°27'	351°41'	345°44'	324°01'	105°31'	1°01'
24.02.2026	335°23'	58°32'	65°38'	352°08'	346°59'	324°48'	105°28'	1°08'
25.02.2026	336°23'	72°44'	79°50'	352°26'	348°13'	325°36'	105°25'	1°15'
26.02.2026	337°24'	86°56'	94°01'	352°33'	349°28'	326°23'	105°22'	1°22'
27.02.2026	338°24'	101°06'	108°09'	352°31'	350°43'	327°10'	105°20'	1°29'
28.02.2026	339°24'	115°10'	122°10'	352°20'	351°58'	327°57'	105°17'	1°36'
01.03.2026	340°24'	129°07'	136°01'	351°58'	353°13'	328°45'	105°15'	1°43'
02.03.2026	341°25'	142°53'	149°41'	351°28'	354°28'	329°32'	105°13'	1°51'
03.03.2026	342°25'	156°25'	163°06'	350°50'	355°42'	330°19'	105°12'	1°58'
04.03.2026	343°25'	169°43'	176°15'	350°05'	356°57'	331°06'	105°10'	2°05'
05.03.2026	344°25'	182°43'	189°08'	349°14'	358°12'	331°54'	105°09'	2°12'
06.03.2026	345°25'	195°28'	201°44'	348°19'	359°26'	332°41'	105°08'	2°19'
07.03.2026	346°25'	207°56'	214°05'	347°20'	0°41'	333°28'	105°07'	2°27'
08.03.2026	347°25'	220°10'	226°13'	346°20'	1°56'	334°16'	105°06'	2°34'
09.03.2026	348°25'	232°14'	238°12'	345°19'	3°10'	335°03'	105°06'	2°41'
10.03.2026	349°25'	244°10'	250°06'	344°19'	4°25'	335°50'	105°05'	2°49'
11.03.2026	350°25'	256°03'	261°59'	343°22'	5°40'	336°37'	105°05'	2°56'
12.03.2026	351°25'	267°57'	273°56'	342°28'	6°54'	337°25'	105°05'	3°04'
13.03.2026	352°25'	279°57'	286°01'	341°38'	8°09'	338°12'	105°06'	3°11'
14.03.2026	353°25'	292°09'	298°20'	340°53'	9°23'	338°59'	105°06'	3°18'
15.03.2026	354°25'	304°35'	310°55'	340°14'	10°38'	339°46'	105°07'	3°26'
16.03.2026	355°24'	317°19'	323°49'	339°41'	11°52'	340°34'	105°08'	3°33'
17.03.2026	356°24'	330°24'	337°05'	339°14'	13°06'	341°21'	105°09'	3°41'
18.03.2026	357°24'	343°51'	350°42'	338°54'	14°21'	342°08'	105°10'	3°48'
19.03.2026	358°24'	357°38'	4°39'	338°39'	15°35'	342°55'	105°11'	3°56'

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20.03.2026	359°23'	11°44'	18°52'	338°31'	16°49'	343°42'	105°13'	4°03'
21.03.2026	0°23'	26°03'	33°15'	338°30'	18°04'	344°29'	105°15'	4°10'
22.03.2026	1°23'	40°30'	47°44'	338°34'	19°18'	345°17'	105°17'	4°18'
23.03.2026	2°22'	54°59'	62°13'	338°43'	20°32'	346°04'	105°19'	4°25'
24.03.2026	3°22'	69°26'	76°37'	338°58'	21°46'	346°51'	105°21'	4°33'
25.03.2026	4°21'	83°45'	90°51'	339°18'	23°00'	347°38'	105°24'	4°40'
26.03.2026	5°21'	97°54'	104°55'	339°43'	24°15'	348°25'	105°27'	4°48'
27.03.2026	6°20'	111°52'	118°45'	340°13'	25°29'	349°12'	105°29'	4°55'
28.03.2026	7°19'	125°36'	132°23'	340°47'	26°43'	349°59'	105°33'	5°03'
29.03.2026	8°19'	139°08'	145°49'	341°25'	27°57'	350°46'	105°36'	5°10'
30.03.2026	9°18'	152°27'	159°02'	342°07'	29°11'	351°33'	105°39'	5°18'
31.03.2026	10°17'	165°34'	172°03'	342°53'	30°25'	352°20'	105°43'	5°25'
01.04.2026	11°17'	178°29'	184°52'	343°42'	31°38'	353°07'	105°47'	5°33'
02.04.2026	12°16'	191°12'	197°29'	344°34'	32°52'	353°54'	105°51'	5°40'
03.04.2026	13°15'	203°43'	209°54'	345°29'	34°06'	354°41'	105°55'	5°48'
04.04.2026	14°14'	216°03'	222°09'	346°28'	35°20'	355°28'	105°59'	5°55'
05.04.2026	15°13'	228°13'	234°14'	347°29'	36°34'	356°15'	106°04'	6°03'
06.04.2026	16°12'	240°14'	246°12'	348°33'	37°47'	357°01'	106°08'	6°10'
07.04.2026	17°11'	252°09'	258°06'	349°39'	39°01'	357°48'	106°13'	6°17'
08.04.2026	18°10'	264°02'	269°58'	350°48'	40°15'	358°35'	106°18'	6°25'
09.04.2026	19°09'	275°55'	281°53'	351°58'	41°28'	359°22'	106°24'	6°32'
10.04.2026	20°08'	287°53'	293°56'	353°12'	42°42'	0°09'	106°29'	6°40'
11.04.2026	21°07'	300°02'	306°12'	354°27'	43°55'	0°55'	106°34'	6°47'
12.04.2026	22°06'	312°26'	318°45'	355°44'	45°09'	1°42'	106°40'	6°54'
13.04.2026	23°05'	325°10'	331°41'	357°04'	46°22'	2°29'	106°46'	7°02'
14.04.2026	24°04'	338°17'	345°01'	358°25'	47°36'	3°15'	106°52'	7°09'
15.04.2026	25°02'	351°51'	358°48'	359°48'	48°49'	4°02'	106°58'	7°16'
16.04.2026	26°01'	5°51'	13°00'	1°13'	50°02'	4°48'	107°04'	7°23'
17.04.2026	27°00'	20°14'	27°34'	2°40'	51°16'	5°35'	107°10'	7°31'
18.04.2026	27°59'	34°57'	42°23'	4°09'	52°29'	6°21'	107°17'	7°38'
19.04.2026	28°57'	49°51'	57°20'	5°39'	53°42'	7°08'	107°24'	7°45'
20.04.2026	29°56'	64°47'	72°14'	7°11'	54°55'	7°54'	107°31'	7°52'
21.04.2026	30°55'	79°37'	86°57'	8°45'	56°08'	8°41'	107°38'	7°59'
22.04.2026	31°53'	94°14'	101°25'	10°21'	57°22'	9°27'	107°45'	8°06'
23.04.2026	32°52'	108°32'	115°33'	11°58'	58°35'	10°13'	107°52'	8°13'
24.04.2026	33°50'	122°29'	129°20'	13°37'	59°48'	11°00'	107°59'	8°21'
25.04.2026	34°49'	136°06'	142°48'	15°18'	61°01'	11°46'	108°07'	8°28'
26.04.2026	35°47'	149°25'	155°57'	17°00'	62°13'	12°32'	108°15'	8°34'
27.04.2026	36°45'	162°26'	168°52'	18°44'	63°26'	13°18'	108°22'	8°41'
28.04.2026	37°44'	175°14'	181°33'	20°30'	64°39'	14°04'	108°30'	8°48'
29.04.2026	38°42'	187°49'	194°03'	22°18'	65°52'	14°50'	108°38'	8°55'
30.04.2026	39°40'	200°15'	206°24'	24°07'	67°05'	15°36'	108°47'	9°02'
01.05.2026	40°39'	212°32'	218°37'	25°58'	68°17'	16°22'	108°55'	9°09'
02.05.2026	41°37'	224°41'	230°43'	27°51'	69°30'	17°08'	109°03'	9°15'
03.05.2026	42°35'	236°44'	242°43'	29°46'	70°42'	17°54'	109°12'	9°22'
04.05.2026	43°33'	248°41'	254°37'	31°42'	71°55'	18°40'	109°20'	9°29'
05.05.2026	44°31'	260°34'	266°29'	33°40'	73°07'	19°26'	109°29'	9°35'
06.05.2026	45°29'	272°25'	278°21'	35°40'	74°20'	20°12'	109°38'	9°42'
07.05.2026	46°28'	284°18'	290°16'	37°41'	75°32'	20°57'	109°47'	9°49'
08.05.2026	47°26'	296°15'	302°17'	39°44'	76°45'	21°43'	109°56'	9°55'
09.05.2026	48°24'	308°22'	314°30'	41°49'	77°57'	22°29'	110°05'	10°02'
10.05.2026	49°22'	320°43'	327°00'	43°55'	79°09'	23°14'	110°15'	10°08'
11.05.2026	50°20'	333°23'	339°52'	46°02'	80°21'	24°00'	110°24'	10°14'
12.05.2026	51°18'	346°27'	353°09'	48°10'	81°33'	24°46'	110°34'	10°21'
13.05.2026	52°16'	359°58'	6°54'	50°20'	82°45'	25°31'	110°43'	10°27'

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14.05.2026	53°14'	13°58'	21°09'	52°30'	83°57'	26°16'	110°53'	10°33'
15.05.2026	54°11'	28°27'	35°51'	54°41'	85°09'	27°02'	111°03'	10°39'
16.05.2026	55°09'	43°20'	50°53'	56°52'	86°21'	27°47'	111°13'	10°45'
17.05.2026	56°07'	58°29'	66°06'	59°03'	87°33'	28°33'	111°23'	10°51'
18.05.2026	57°05'	73°44'	81°20'	61°14'	88°45'	29°18'	111°33'	10°57'
19.05.2026	58°03'	88°53'	96°23'	63°24'	89°57'	30°03'	111°43'	11°03'
20.05.2026	59°01'	103°48'	111°07'	65°34'	91°08'	30°48'	111°54'	11°09'
21.05.2026	59°58'	118°20'	125°27'	67°43'	92°20'	31°33'	112°04'	11°15'
22.05.2026	60°56'	132°27'	139°20'	69°50'	93°32'	32°18'	112°15'	11°21'
23.05.2026	61°54'	146°07'	152°48'	71°56'	94°43'	33°03'	112°25'	11°26'
24.05.2026	62°52'	159°23'	165°53'	74°00'	95°55'	33°48'	112°36'	11°32'
25.05.2026	63°49'	172°18'	178°39'	76°02'	97°06'	34°33'	112°47'	11°38'
26.05.2026	64°47'	184°56'	191°09'	78°02'	98°17'	35°18'	112°57'	11°43'
27.05.2026	65°45'	197°20'	203°28'	80°00'	99°29'	36°03'	113°08'	11°48'
28.05.2026	66°42'	209°33'	215°37'	81°55'	100°40'	36°47'	113°19'	11°54'
29.05.2026	67°40'	221°39'	227°40'	83°47'	101°51'	37°32'	113°30'	11°59'
30.05.2026	68°37'	233°39'	239°38'	85°37'	103°02'	38°17'	113°42'	12°04'
31.05.2026	69°35'	245°35'	251°32'	87°25'	104°13'	39°01'	113°53'	12°10'
01.06.2026	70°32'	257°29'	263°25'	89°09'	105°24'	39°46'	114°04'	12°15'
02.06.2026	71°30'	269°21'	275°17'	90°51'	106°35'	40°30'	114°15'	12°20'
03.06.2026	72°27'	281°13'	287°10'	92°30'	107°45'	41°14'	114°27'	12°25'
04.06.2026	73°25'	293°08'	299°07'	94°06'	108°56'	41°59'	114°38'	12°30'
05.06.2026	74°22'	305°08'	311°11'	95°39'	110°07'	42°43'	114°50'	12°34'
06.06.2026	75°20'	317°17'	323°25'	97°09'	111°17'	43°27'	115°01'	12°39'
07.06.2026	76°17'	329°38'	335°54'	98°36'	112°28'	44°11'	115°13'	12°44'
08.06.2026	77°14'	342°16'	348°43'	100°01'	113°38'	44°56'	115°25'	12°48'
09.06.2026	78°12'	355°16'	1°55'	101°22'	114°48'	45°40'	115°37'	12°53'
10.06.2026	79°09'	8°41'	15°35'	102°40'	115°58'	46°24'	115°49'	12°57'
11.06.2026	80°07'	22°35'	29°43'	103°56'	117°09'	47°08'	116°01'	13°02'
12.06.2026	81°04'	36°58'	44°19'	105°08'	118°19'	47°51'	116°13'	13°06'
13.06.2026	82°01'	51°46'	59°18'	106°16'	119°29'	48°35'	116°25'	13°10'
14.06.2026	82°59'	66°54'	74°32'	107°22'	120°38'	49°19'	116°37'	13°14'
15.06.2026	83°56'	82°12'	89°51'	108°24'	121°48'	50°03'	116°49'	13°18'
16.06.2026	84°53'	97°28'	105°02'	109°23'	122°58'	50°46'	117°01'	13°22'
17.06.2026	85°51'	112°32'	119°57'	110°19'	124°08'	51°30'	117°13'	13°26'
18.06.2026	86°48'	127°15'	134°27'	111°10'	125°17'	52°13'	117°26'	13°30'
19.06.2026	87°45'	141°32'	148°30'	111°59'	126°27'	52°57'	117°38'	13°34'
20.06.2026	88°43'	155°21'	162°04'	112°43'	127°36'	53°40'	117°50'	13°37'
21.06.2026	89°40'	168°42'	175°13'	113°23'	128°45'	54°24'	118°03'	13°41'
22.06.2026	90°37'	181°38'	187°59'	114°00'	129°54'	55°07'	118°15'	13°44'
23.06.2026	91°34'	194°15'	200°27'	114°32'	131°03'	55°50'	118°28'	13°48'
24.06.2026	92°32'	206°35'	212°40'	115°00'	132°12'	56°33'	118°41'	13°51'
25.06.2026	93°29'	218°43'	224°44'	115°24'	133°21'	57°16'	118°53'	13°54'
26.06.2026	94°26'	230°43'	236°41'	115°43'	134°30'	57°59'	119°06'	13°57'
27.06.2026	95°23'	242°38'	248°35'	115°58'	135°38'	58°42'	119°19'	14°00'
28.06.2026	96°21'	254°31'	260°27'	116°08'	136°47'	59°25'	119°31'	14°03'
29.06.2026	97°18'	266°23'	272°19'	116°14'	137°55'	60°08'	119°44'	14°06'
30.06.2026	98°15'	278°16'	284°14'	116°15'	139°03'	60°51'	119°57'	14°09'
01.07.2026	99°12'	290°13'	296°13'	116°12'	140°12'	61°34'	120°10'	14°11'
02.07.2026	100°09'	302°14'	308°17'	116°04'	141°20'	62°16'	120°23'	14°14'
03.07.2026	101°07'	314°22'	320°29'	115°51'	142°27'	62°59'	120°35'	14°16'
04.07.2026	102°04'	326°38'	332°51'	115°34'	143°35'	63°41'	120°48'	14°19'
05.07.2026	103°01'	339°07'	345°26'	115°13'	144°43'	64°24'	121°01'	14°21'
06.07.2026	103°58'	351°50'	358°18'	114°49'	145°50'	65°06'	121°14'	14°23'
07.07.2026	104°55'	4°52'	11°30'	114°20'	146°57'	65°48'	121°27'	14°25'

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08.07.2026	105°53'	18°15'	25°05'	113°49'	148°05'	66°31'	121°40'	14°27'
09.07.2026	106°50'	32°02'	39°04'	113°15'	149°12'	67°13'	121°53'	14°29'
10.07.2026	107°47'	46°13'	53°28'	112°39'	150°18'	67°55'	122°06'	14°31'
11.07.2026	108°44'	60°48'	68°13'	112°02'	151°25'	68°37'	122°20'	14°32'
12.07.2026	109°41'	75°41'	83°13'	111°23'	152°32'	69°19'	122°33'	14°34'
13.07.2026	110°39'	90°46'	98°20'	110°44'	153°38'	70°01'	122°46'	14°35'
14.07.2026	111°36'	105°53'	113°24'	110°06'	154°44'	70°43'	122°59'	14°37'
15.07.2026	112°33'	120°52'	128°16'	109°29'	155°51'	71°25'	123°12'	14°38'
16.07.2026	113°30'	135°35'	142°49'	108°53'	156°56'	72°06'	123°25'	14°39'
17.07.2026	114°28'	149°56'	156°56'	108°20'	158°02'	72°48'	123°39'	14°40'
18.07.2026	115°25'	163°50'	170°37'	107°50'	159°08'	73°30'	123°52'	14°41'
19.07.2026	116°22'	177°17'	183°51'	107°23'	160°13'	74°11'	124°05'	14°42'
20.07.2026	117°20'	190°19'	196°41'	107°01'	161°18'	74°52'	124°18'	14°43'
21.07.2026	118°17'	202°58'	209°11'	106°43'	162°23'	75°34'	124°32'	14°43'
22.07.2026	119°14'	215°20'	221°25'	106°30'	163°28'	76°15'	124°45'	14°44'
23.07.2026	120°11'	227°28'	233°28'	106°22'	164°33'	76°56'	124°58'	14°44'
24.07.2026	121°09'	239°27'	245°24'	106°19'	165°37'	77°37'	125°11'	14°45'
25.07.2026	122°06'	251°20'	257°16'	106°22'	166°41'	78°19'	125°25'	14°45'
26.07.2026	123°03'	263°12'	269°08'	106°31'	167°45'	79°00'	125°38'	14°45'
27.07.2026	124°01'	275°05'	281°03'	106°46'	168°49'	79°41'	125°51'	14°45'
28.07.2026	124°58'	287°03'	293°04'	107°07'	169°52'	80°21'	126°05'	14°45'
29.07.2026	125°55'	299°06'	305°11'	107°34'	170°55'	81°02'	126°18'	14°45'
30.07.2026	126°53'	311°18'	317°27'	108°07'	171°58'	81°43'	126°31'	14°44'
31.07.2026	127°50'	323°38'	329°53'	108°46'	173°01'	82°24'	126°44'	14°44'
01.08.2026	128°47'	336°10'	342°30'	109°31'	174°04'	83°04'	126°58'	14°44'
02.08.2026	129°45'	348°53'	355°20'	110°22'	175°06'	83°45'	127°11'	14°43'
03.08.2026	130°42'	1°50'	8°25'	111°19'	176°08'	84°25'	127°24'	14°42'
04.08.2026	131°40'	15°03'	21°45'	112°22'	177°09'	85°05'	127°38'	14°42'
05.08.2026	132°37'	28°32'	35°23'	113°30'	178°10'	85°46'	127°51'	14°41'
06.08.2026	133°34'	42°18'	49°18'	114°44'	179°11'	86°26'	128°04'	14°40'
07.08.2026	134°32'	56°22'	63°30'	116°03'	180°12'	87°06'	128°17'	14°39'
08.08.2026	135°29'	70°42'	77°57'	117°27'	181°12'	87°46'	128°31'	14°37'
09.08.2026	136°27'	85°15'	92°36'	118°56'	182°12'	88°26'	128°44'	14°36'
10.08.2026	137°25'	99°58'	107°20'	120°30'	183°12'	89°06'	128°57'	14°35'
11.08.2026	138°22'	114°42'	122°03'	122°08'	184°11'	89°46'	129°10'	14°33'
12.08.2026	139°20'	129°23'	136°39'	123°50'	185°10'	90°26'	129°23'	14°32'
13.08.2026	140°17'	143°52'	151°00'	125°35'	186°09'	91°05'	129°37'	14°30'
14.08.2026	141°15'	158°04'	165°02'	127°24'	187°07'	91°45'	129°50'	14°28'
15.08.2026	142°13'	171°55'	178°42'	129°15'	188°05'	92°24'	130°03'	14°26'
16.08.2026	143°10'	185°23'	191°58'	131°09'	189°03'	93°04'	130°16'	14°24'
17.08.2026	144°08'	198°27'	204°51'	133°05'	190°00'	93°43'	130°29'	14°22'
18.08.2026	145°06'	211°10'	217°24'	135°03'	190°56'	94°23'	130°42'	14°20'
19.08.2026	146°03'	223°34'	229°41'	137°02'	191°52'	95°02'	130°55'	14°18'
20.08.2026	147°01'	235°44'	241°45'	139°02'	192°48'	95°41'	131°08'	14°16'
21.08.2026	147°59'	247°44'	253°41'	141°02'	193°43'	96°20'	131°21'	14°13'
22.08.2026	148°57'	259°37'	265°33'	143°03'	194°37'	96°59'	131°34'	14°11'
23.08.2026	149°54'	271°29'	277°26'	145°04'	195°31'	97°38'	131°47'	14°08'
24.08.2026	150°52'	283°25'	289°24'	147°05'	196°25'	98°16'	132°00'	14°05'
25.08.2026	151°50'	295°26'	301°30'	149°05'	197°18'	98°55'	132°13'	14°03'
26.08.2026	152°48'	307°37'	313°47'	151°04'	198°10'	99°34'	132°26'	14°00'
27.08.2026	153°46'	320°00'	326°17'	153°03'	199°02'	100°12'	132°38'	13°57'
28.08.2026	154°44'	332°37'	339°00'	155°01'	199°53'	100°51'	132°51'	13°54'
29.08.2026	155°42'	345°28'	351°58'	156°58'	200°43'	101°29'	133°04'	13°51'
30.08.2026	156°40'	358°33'	5°11'	158°54'	201°33'	102°07'	133°17'	13°47'
31.08.2026	157°38'	11°53'	18°37'	160°48'	202°22'	102°46'	133°29'	13°44'

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01.09.2026	158°36'	25°25'	32°17'	162°42'	203°10'	103°24'	133°42'	13°41'
02.09.2026	159°34'	39°10'	46°07'	164°34'	203°58'	104°02'	133°55'	13°37'
03.09.2026	160°32'	53°06'	60°07'	166°26'	204°44'	104°40'	134°07'	13°34'
04.09.2026	161°30'	67°11'	74°16'	168°16'	205°30'	105°17'	134°20'	13°30'
05.09.2026	162°28'	81°22'	88°30'	170°05'	206°15'	105°55'	134°32'	13°27'
06.09.2026	163°26'	95°39'	102°49'	171°52'	207°00'	106°33'	134°44'	13°23'
07.09.2026	164°24'	109°58'	117°07'	173°39'	207°43'	107°10'	134°57'	13°19'
08.09.2026	165°23'	124°16'	131°24'	175°24'	208°25'	107°48'	135°09'	13°15'
09.09.2026	166°21'	138°30'	145°33'	177°08'	209°06'	108°25'	135°21'	13°12'
10.09.2026	167°19'	152°35'	159°33'	178°51'	209°47'	109°03'	135°34'	13°08'
11.09.2026	168°18'	166°27'	173°18'	180°32'	210°26'	109°40'	135°46'	13°04'
12.09.2026	169°16'	180°05'	186°47'	182°13'	211°04'	110°17'	135°58'	13°00'
13.09.2026	170°14'	193°24'	199°57'	183°52'	211°41'	110°54'	136°10'	12°55'
14.09.2026	171°13'	206°24'	212°48'	185°31'	212°16'	111°31'	136°22'	12°51'
15.09.2026	172°11'	219°06'	225°20'	187°08'	212°51'	112°07'	136°34'	12°47'
16.09.2026	173°10'	231°31'	237°38'	188°44'	213°24'	112°44'	136°46'	12°43'
17.09.2026	174°08'	243°41'	249°42'	190°19'	213°56'	113°21'	136°58'	12°38'
18.09.2026	175°07'	255°41'	261°38'	191°53'	214°26'	113°57'	137°09'	12°34'
19.09.2026	176°05'	267°34'	273°30'	193°26'	214°55'	114°33'	137°21'	12°30'
20.09.2026	177°04'	279°26'	285°23'	194°58'	215°22'	115°10'	137°33'	12°25'
21.09.2026	178°02'	291°21'	297°22'	196°29'	215°48'	115°46'	137°44'	12°21'
22.09.2026	179°01'	303°25'	309°31'	197°59'	216°12'	116°22'	137°56'	12°16'
23.09.2026	180°00'	315°41'	321°54'	199°28'	216°34'	116°58'	138°07'	12°12'
24.09.2026	180°58'	328°12'	334°35'	200°56'	216°55'	117°34'	138°18'	12°07'
25.09.2026	181°57'	341°02'	347°35'	202°23'	217°13'	118°09'	138°30'	12°03'
26.09.2026	182°56'	354°12'	0°54'	203°49'	217°30'	118°45'	138°41'	11°58'
27.09.2026	183°55'	7°41'	14°32'	205°13'	217°45'	119°20'	138°52'	11°53'
28.09.2026	184°54'	21°28'	28°26'	206°37'	217°58'	119°56'	139°03'	11°49'
29.09.2026	185°52'	35°28'	42°32'	207°59'	218°08'	120°31'	139°14'	11°44'
30.09.2026	186°51'	49°39'	56°46'	209°21'	218°17'	121°06'	139°25'	11°39'
01.10.2026	187°50'	63°54'	71°03'	210°41'	218°23'	121°41'	139°35'	11°35'
02.10.2026	188°49'	78°11'	85°19'	212°00'	218°27'	122°16'	139°46'	11°30'
03.10.2026	189°48'	92°26'	99°31'	213°17'	218°29'	122°51'	139°57'	11°25'
04.10.2026	190°47'	106°35'	113°38'	214°33'	218°29'	123°26'	140°07'	11°21'
05.10.2026	191°46'	120°38'	127°37'	215°48'	218°26'	124°00'	140°18'	11°16'
06.10.2026	192°46'	134°34'	141°29'	217°01'	218°21'	124°35'	140°28'	11°11'
07.10.2026	193°45'	148°21'	155°12'	218°13'	218°13'	125°09'	140°38'	11°06'
08.10.2026	194°44'	162°00'	168°45'	219°23'	218°03'	125°43'	140°49'	11°02'
09.10.2026	195°43'	175°27'	182°07'	220°31'	217°51'	126°17'	140°59'	10°57'
10.10.2026	196°42'	188°43'	195°17'	221°36'	217°36'	126°51'	141°09'	10°52'
11.10.2026	197°42'	201°46'	208°13'	222°40'	217°19'	127°25'	141°18'	10°48'
12.10.2026	198°41'	214°35'	220°54'	223°41'	217°00'	127°58'	141°28'	10°43'
13.10.2026	199°41'	227°09'	233°21'	224°40'	216°38'	128°32'	141°38'	10°38'
14.10.2026	200°40'	239°30'	245°35'	225°36'	216°15'	129°05'	141°47'	10°34'
15.10.2026	201°39'	251°37'	257°37'	226°29'	215°49'	129°38'	141°57'	10°29'
16.10.2026	202°39'	263°35'	269°32'	227°18'	215°21'	130°11'	142°06'	10°25'
17.10.2026	203°38'	275°27'	281°22'	228°03'	214°52'	130°44'	142°15'	10°20'
18.10.2026	204°38'	287°17'	293°13'	228°44'	214°21'	131°17'	142°25'	10°15'
19.10.2026	205°37'	299°10'	305°10'	229°21'	213°48'	131°49'	142°34'	10°11'
20.10.2026	206°37'	311°12'	317°17'	229°53'	213°14'	132°22'	142°42'	10°07'
21.10.2026	207°37'	323°27'	329°42'	230°19'	212°39'	132°54'	142°51'	10°02'
22.10.2026	208°36'	336°01'	342°26'	230°39'	212°04'	133°26'	143°00'	9°58'
23.10.2026	209°36'	348°58'	355°35'	230°52'	211°27'	133°58'	143°08'	9°54'
24.10.2026	210°36'	2°19'	9°09'	230°58'	210°51'	134°30'	143°17'	9°49'
25.10.2026	211°35'	16°05'	23°08'	230°57'	210°14'	135°01'	143°25'	9°45'

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26.10.2026	212°35'	30°15'	37°27'	230°47'	209°37'	135°33'	143°33'	9°41'
27.10.2026	213°35'	44°43'	52°01'	230°28'	209°01'	136°04'	143°41'	9°37'
28.10.2026	214°35'	59°22'	66°43'	230°00'	208°26'	136°35'	143°49'	9°33'
29.10.2026	215°35'	74°05'	81°25'	229°23'	207°51'	137°06'	143°57'	9°29'
30.10.2026	216°35'	88°44'	96°00'	228°37'	207°18'	137°36'	144°05'	9°25'
31.10.2026	217°35'	103°13'	110°22'	227°42'	206°45'	138°07'	144°12'	9°21'
01.11.2026	218°35'	117°28'	124°30'	226°40'	206°15'	138°37'	144°19'	9°17'
02.11.2026	219°35'	131°28'	138°22'	225°30'	205°46'	139°07'	144°27'	9°13'
03.11.2026	220°35'	145°13'	151°59'	224°16'	205°19'	139°37'	144°34'	9°10'
04.11.2026	221°35'	158°43'	165°23'	222°58'	204°54'	140°07'	144°41'	9°06'
05.11.2026	222°35'	172°00'	178°34'	221°40'	204°31'	140°37'	144°47'	9°03'
06.11.2026	223°35'	185°05'	191°33'	220°23'	204°10'	141°06'	144°54'	8°59'
07.11.2026	224°35'	197°59'	204°22'	219°10'	203°52'	141°35'	145°01'	8°56'
08.11.2026	225°35'	210°42'	217°00'	218°05'	203°36'	142°04'	145°07'	8°52'
09.11.2026	226°36'	223°15'	229°27'	217°07'	203°23'	142°32'	145°13'	8°49'
10.11.2026	227°36'	235°37'	241°44'	216°19'	203°11'	143°01'	145°19'	8°46'
11.11.2026	228°36'	247°48'	253°51'	215°43'	203°03'	143°29'	145°25'	8°43'
12.11.2026	229°37'	259°51'	265°49'	215°18'	202°57'	143°57'	145°31'	8°40'
13.11.2026	230°37'	271°45'	277°40'	215°04'	202°53'	144°25'	145°36'	8°37'
14.11.2026	231°37'	283°34'	289°28'	215°03'	202°52'	144°52'	145°42'	8°34'
15.11.2026	232°38'	295°22'	301°17'	215°12'	202°53'	145°19'	145°47'	8°32'
16.11.2026	233°38'	307°13'	313°10'	215°31'	202°56'	145°46'	145°52'	8°29'
17.11.2026	234°39'	319°11'	325°15'	216°00'	203°02'	146°13'	145°57'	8°26'
18.11.2026	235°39'	331°22'	337°35'	216°37'	203°10'	146°39'	146°02'	8°24'
19.11.2026	236°40'	343°53'	350°16'	217°22'	203°21'	147°05'	146°06'	8°22'
20.11.2026	237°40'	356°47'	3°24'	218°14'	203°33'	147°31'	146°11'	8°19'
21.11.2026	238°41'	10°08'	17°00'	219°12'	203°48'	147°57'	146°15'	8°17'
22.11.2026	239°41'	23°59'	31°06'	220°15'	204°05'	148°22'	146°19'	8°15'
23.11.2026	240°42'	38°19'	45°38'	221°22'	204°24'	148°47'	146°23'	8°13'
24.11.2026	241°43'	53°03'	60°31'	222°33'	204°45'	149°12'	146°26'	8°11'
25.11.2026	242°43'	68°03'	75°36'	223°48'	205°07'	149°36'	146°30'	8°10'
26.11.2026	243°44'	83°10'	90°43'	225°05'	205°32'	150°00'	146°33'	8°08'
27.11.2026	244°45'	98°14'	105°42'	226°25'	205°58'	150°24'	146°37'	8°06'
28.11.2026	245°45'	113°05'	120°24'	227°47'	206°26'	150°48'	146°39'	8°05'
29.11.2026	246°46'	127°37'	134°45'	229°11'	206°56'	151°11'	146°42'	8°04'
30.11.2026	247°47'	141°47'	148°44'	230°36'	207°27'	151°34'	146°45'	8°02'
01.12.2026	248°47'	155°35'	162°20'	232°03'	208°00'	151°56'	146°47'	8°01'
02.12.2026	249°48'	169°01'	175°36'	233°30'	208°34'	152°18'	146°50'	8°00'
03.12.2026	250°49'	182°08'	188°35'	234°59'	209°10'	152°40'	146°52'	7°59'
04.12.2026	251°50'	194°59'	201°19'	236°28'	209°47'	153°01'	146°53'	7°59'
05.12.2026	252°51'	207°37'	213°51'	237°57'	210°25'	153°22'	146°55'	7°58'
06.12.2026	253°52'	220°03'	226°13'	239°28'	211°05'	153°43'	146°57'	7°57'
07.12.2026	254°53'	232°20'	238°26'	240°58'	211°46'	154°03'	146°58'	7°57'
08.12.2026	255°54'	244°29'	250°31'	242°29'	212°28'	154°23'	146°59'	7°56'
09.12.2026	256°55'	256°31'	262°29'	244°01'	213°11'	154°42'	147°00'	7°56'
10.12.2026	257°56'	268°27'	274°22'	245°33'	213°55'	155°01'	147°01'	7°56'
11.12.2026	258°57'	280°17'	286°12'	247°04'	214°40'	155°20'	147°01'	7°56'
12.12.2026	259°58'	292°06'	297°59'	248°36'	215°27'	155°38'	147°01'	7°56'
13.12.2026	260°59'	303°53'	309°48'	250°09'	216°14'	155°55'	147°01'	7°56'
14.12.2026	262°00'	315°44'	321°41'	251°41'	217°02'	156°13'	147°01'	7°56'
15.12.2026	263°01'	327°41'	333°44'	253°14'	217°51'	156°29'	147°01'	7°57'
16.12.2026	264°02'	339°51'	346°01'	254°46'	218°40'	156°46'	147°01'	7°57'
17.12.2026	265°03'	352°17'	358°38'	256°19'	219°31'	157°01'	147°00'	7°58'
18.12.2026	266°04'	5°04'	11°38'	257°52'	220°22'	157°17'	146°59'	7°59'
19.12.2026	267°05'	18°19'	25°07'	259°25'	221°14'	157°31'	146°58'	7°59'

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20.12.2026	268°06'	32°02'	39°05'	260°59'	222°07'	157°45'	146°57'	8°00'
21.12.2026	269°07'	46°16'	53°34'	262°32'	223°01'	157°59'	146°55'	8°01'
22.12.2026	270°08'	60°58'	68°27'	264°06'	223°55'	158°12'	146°54'	8°02'
23.12.2026	271°09'	76°01'	83°38'	265°40'	224°50'	158°25'	146°52'	8°04'
24.12.2026	272°10'	91°18'	98°57'	267°14'	225°45'	158°37'	146°50'	8°05'
25.12.2026	273°11'	106°36'	114°12'	268°48'	226°41'	158°49'	146°47'	8°07'
26.12.2026	274°12'	121°45'	129°13'	270°22'	227°38'	159°00'	146°45'	8°08'
27.12.2026	275°14'	136°36'	143°53'	271°57'	228°35'	159°10'	146°42'	8°10'
28.12.2026	276°15'	151°04'	158°07'	273°32'	229°33'	159°20'	146°40'	8°12'
29.12.2026	277°16'	165°04'	171°55'	275°07'	230°31'	159°29'	146°37'	8°14'
30.12.2026	278°17'	178°38'	185°16'	276°42'	231°30'	159°37'	146°33'	8°16'
31.12.2026	279°18'	191°48'	198°15'	278°18'	232°30'	159°45'	146°30'	8°18'
01.01.2027	280°19'	204°37'	210°54'	279°54'	233°29'	159°52'	146°27'	8°20'
02.01.2027	281°20'	217°08'	223°18'	281°30'	234°30'	159°59'	146°23'	8°22'
03.01.2027	282°22'	229°25'	235°30'	283°07'	235°30'	160°05'	146°19'	8°25'
04.01.2027	283°23'	241°32'	247°32'	284°44'	236°31'	160°10'	146°15'	8°27'
05.01.2027	284°24'	253°31'	259°28'	286°22'	237°33'	160°14'	146°11'	8°30'
06.01.2027	285°25'	265°25'	271°20'	288°00'	238°35'	160°18'	146°06'	8°33'
07.01.2027	286°26'	277°15'	283°10'	289°38'	239°37'	160°21'	146°01'	8°35'
08.01.2027	287°27'	289°04'	294°59'	291°16'	240°39'	160°23'	145°57'	8°38'
09.01.2027	288°29'	300°54'	306°49'	292°55'	241°42'	160°25'	145°52'	8°41'
10.01.2027	289°30'	312°45'	318°43'	294°34'	242°46'	160°26'	145°47'	8°44'
11.01.2027	290°31'	324°42'	330°42'	296°14'	243°49'	160°26'	145°41'	8°48'
12.01.2027	291°32'	336°45'	342°51'	297°54'	244°53'	160°25'	145°36'	8°51'
13.01.2027	292°33'	348°59'	355°11'	299°34'	245°57'	160°23'	145°30'	8°54'
14.01.2027	293°34'	1°27'	7°48'	301°15'	247°02'	160°21'	145°25'	8°58'
15.01.2027	294°35'	14°14'	20°45'	302°56'	248°06'	160°18'	145°19'	9°02'
16.01.2027	295°37'	27°22'	34°05'	304°37'	249°11'	160°14'	145°13'	9°05'
17.01.2027	296°38'	40°55'	47°51'	306°18'	250°16'	160°10'	145°07'	9°09'
18.01.2027	297°39'	54°54'	62°04'	308°00'	251°22'	160°04'	145°00'	9°13'
19.01.2027	298°40'	69°20'	76°42'	309°41'	252°28'	159°58'	144°54'	9°17'
20.01.2027	299°41'	84°09'	91°40'	311°22'	253°34'	159°51'	144°47'	9°21'
21.01.2027	300°42'	99°14'	106°50'	313°03'	254°40'	159°43'	144°41'	9°25'
22.01.2027	301°43'	114°27'	122°03'	314°43'	255°46'	159°34'	144°34'	9°29'
23.01.2027	302°44'	129°38'	137°09'	316°23'	256°53'	159°25'	144°27'	9°34'
24.01.2027	303°45'	144°37'	151°59'	318°02'	258°00'	159°15'	144°20'	9°38'
25.01.2027	304°46'	159°16'	166°27'	319°39'	259°07'	159°04'	144°13'	9°43'
26.01.2027	305°47'	173°30'	180°27'	321°15'	260°14'	158°52'	144°06'	9°47'
27.01.2027	306°48'	187°17'	194°01'	322°50'	261°22'	158°39'	143°59'	9°52'
28.01.2027	307°49'	200°37'	207°08'	324°22'	262°29'	158°26'	143°51'	9°57'
29.01.2027	308°50'	213°32'	219°51'	325°51'	263°37'	158°12'	143°44'	10°01'
30.01.2027	309°51'	226°06'	232°16'	327°17'	264°45'	157°57'	143°36'	10°06'
31.01.2027	310°52'	238°22'	244°25'	328°38'	265°53'	157°41'	143°29'	10°11'
01.02.2027	311°53'	250°25'	256°23'	329°56'	267°01'	157°25'	143°21'	10°16'
02.02.2027	312°54'	262°20'	268°15'	331°07'	268°10'	157°08'	143°14'	10°21'
03.02.2027	313°55'	274°09'	280°04'	332°13'	269°18'	156°50'	143°06'	10°27'
04.02.2027	314°55'	285°58'	291°52'	333°12'	270°27'	156°32'	142°58'	10°32'
05.02.2027	315°56'	297°47'	303°43'	334°03'	271°36'	156°13'	142°50'	10°37'
06.02.2027	316°57'	309°41'	315°40'	334°46'	272°45'	155°54'	142°42'	10°43'
07.02.2027	317°58'	321°40'	327°43'	335°19'	273°54'	155°34'	142°34'	10°48'
08.02.2027	318°59'	333°47'	339°54'	335°43'	275°03'	155°13'	142°26'	10°54'
09.02.2027	320°00'	346°04'	352°16'	335°56'	276°13'	154°52'	142°18'	10°59'
10.02.2027	321°00'	358°32'	4°50'	335°58'	277°22'	154°30'	142°11'	11°05'
11.02.2027	322°01'	11°12'	17°38'	335°50'	278°32'	154°08'	142°03'	11°11'
12.02.2027	323°02'	24°08'	30°41'	335°31'	279°42'	153°46'	141°55'	11°17'

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13.02.2027	324°03'	37°20'	44°02'	335°02'	280°51'	153°23'	141°47'	11°23'
14.02.2027	325°03'	50°50'	57°42'	334°23'	282°01'	153°00'	141°39'	11°29'
15.02.2027	326°04'	64°39'	71°41'	333°35'	283°11'	152°37'	141°31'	11°35'
16.02.2027	327°04'	78°48'	85°59'	332°40'	284°22'	152°13'	141°23'	11°41'
17.02.2027	328°05'	93°15'	100°34'	331°39'	285°32'	151°50'	141°15'	11°47'
18.02.2027	329°06'	107°56'	115°21'	330°34'	286°42'	151°26'	141°07'	11°53'
19.02.2027	330°06'	122°47'	130°13'	329°27'	287°52'	151°02'	140°59'	11°59'
20.02.2027	331°07'	137°40'	145°05'	328°19'	289°03'	150°38'	140°52'	12°05'
21.02.2027	332°07'	152°28'	159°48'	327°12'	290°13'	150°14'	140°44'	12°12'
22.02.2027	333°08'	167°03'	174°14'	326°08'	291°24'	149°50'	140°36'	12°18'
23.02.2027	334°08'	181°20'	188°19'	325°08'	292°35'	149°27'	140°29'	12°25'
24.02.2027	335°08'	195°13'	202°00'	324°13'	293°46'	149°03'	140°21'	12°31'
25.02.2027	336°09'	208°40'	215°15'	323°24'	294°56'	148°40'	140°14'	12°38'
26.02.2027	337°09'	221°43'	228°05'	322°41'	296°07'	148°16'	140°07'	12°44'
27.02.2027	338°09'	234°22'	240°35'	322°06'	297°18'	147°54'	139°59'	12°51'
28.02.2027	339°10'	246°42'	252°46'	321°38'	298°29'	147°31'	139°52'	12°58'
01.03.2027	340°10'	258°47'	264°45'	321°17'	299°41'	147°09'	139°45'	13°04'
02.03.2027	341°10'	270°42'	276°37'	321°03'	300°52'	146°47'	139°38'	13°11'
03.03.2027	342°10'	282°31'	288°25'	320°56'	302°03'	146°26'	139°31'	13°18'
04.03.2027	343°11'	294°19'	300°14'	320°56'	303°14'	146°05'	139°24'	13°25'
05.03.2027	344°11'	306°10'	312°09'	321°02'	304°26'	145°44'	139°18'	13°32'
06.03.2027	345°11'	318°09'	324°12'	321°15'	305°37'	145°24'	139°11'	13°39'
07.03.2027	346°11'	330°18'	336°26'	321°32'	306°49'	145°05'	139°05'	13°46'
08.03.2027	347°11'	342°38'	348°53'	321°56'	308°00'	144°46'	138°58'	13°53'
09.03.2027	348°11'	355°12'	1°34'	322°24'	309°12'	144°28'	138°52'	14°00'
10.03.2027	349°11'	8°00'	14°29'	322°57'	310°24'	144°11'	138°46'	14°07'
11.03.2027	350°11'	21°02'	27°38'	323°34'	311°35'	143°54'	138°40'	14°14'
12.03.2027	351°11'	34°17'	41°00'	324°15'	312°47'	143°38'	138°35'	14°21'
13.03.2027	352°11'	47°46'	54°34'	325°00'	313°59'	143°22'	138°29'	14°28'
14.03.2027	353°11'	61°26'	68°20'	325°49'	315°11'	143°08'	138°24'	14°36'
15.03.2027	354°11'	75°17'	82°16'	326°40'	316°22'	142°54'	138°18'	14°43'
16.03.2027	355°10'	89°18'	96°23'	327°35'	317°34'	142°41'	138°13'	14°50'
17.03.2027	356°10'	103°29'	110°38'	328°33'	318°46'	142°28'	138°08'	14°57'
18.03.2027	357°10'	117°48'	124°59'	329°34'	319°58'	142°17'	138°03'	15°05'
19.03.2027	358°10'	132°12'	139°25'	330°37'	321°10'	142°06'	137°59'	15°12'
20.03.2027	359°09'	146°38'	153°50'	331°43'	322°22'	141°56'	137°54'	15°19'
21.03.2027	0°09'	161°01'	168°10'	332°51'	323°34'	141°47'	137°50'	15°27'
22.03.2027	1°08'	175°16'	182°20'	334°01'	324°46'	141°38'	137°46'	15°34'
23.03.2027	2°08'	189°19'	196°14'	335°13'	325°58'	141°30'	137°42'	15°42'
24.03.2027	3°08'	203°05'	209°50'	336°27'	327°11'	141°23'	137°38'	15°49'
25.03.2027	4°07'	216°29'	223°04'	337°43'	328°23'	141°17'	137°34'	15°57'
26.03.2027	5°06'	229°33'	235°56'	339°01'	329°35'	141°12'	137°31'	16°04'
27.03.2027	6°06'	242°14'	248°28'	340°21'	330°47'	141°07'	137°27'	16°12'
28.03.2027	7°05'	254°37'	260°42'	341°42'	332°00'	141°03'	137°24'	16°19'
29.03.2027	8°05'	266°44'	272°43'	343°05'	333°12'	141°00'	137°21'	16°27'
30.03.2027	9°04'	278°39'	284°35'	344°30'	334°24'	140°58'	137°19'	16°34'
31.03.2027	10°03'	290°29'	296°23'	345°57'	335°37'	140°57'	137°16'	16°42'
01.04.2027	11°02'	302°18'	308°14'	347°25'	336°49'	140°56'	137°14'	16°49'
02.04.2027	12°02'	314°11'	320°11'	348°54'	338°01'	140°56'	137°11'	16°57'
03.04.2027	13°01'	326°14'	332°20'	350°25'	339°14'	140°56'	137°09'	17°04'
04.04.2027	14°00'	338°30'	344°44'	351°58'	340°26'	140°58'	137°08'	17°12'
05.04.2027	14°59'	351°02'	357°25'	353°32'	341°39'	141°00'	137°06'	17°19'
06.04.2027	15°58'	3°53'	10°25'	355°07'	342°51'	141°03'	137°05'	17°27'
07.04.2027	16°57'	17°02'	23°43'	356°44'	344°04'	141°06'	137°03'	17°35'
08.04.2027	17°56'	30°28'	37°17'	358°23'	345°16'	141°10'	137°02'	17°42'

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09.04.2027	18°55'	44°10'	51°05'	0°03'	346°29'	141°15'	137°01'	17°50'
10.04.2027	19°54'	58°03'	65°02'	1°44'	347°42'	141°21'	137°01'	17°57'
11.04.2027	20°53'	72°04'	79°06'	3°27'	348°54'	141°27'	137°00'	18°05'
12.04.2027	21°52'	86°09'	93°13'	5°12'	350°07'	141°34'	137°00'	18°12'
13.04.2027	22°51'	100°17'	107°21'	6°58'	351°19'	141°41'	137°00'	18°20'
14.04.2027	23°50'	114°25'	121°28'	8°45'	352°32'	141°49'	137°00'	18°28'
15.04.2027	24°49'	128°31'	135°34'	10°34'	353°45'	141°58'	137°00'	18°35'
16.04.2027	25°48'	142°36'	149°37'	12°25'	354°57'	142°07'	137°01'	18°43'
17.04.2027	26°46'	156°37'	163°36'	14°17'	356°10'	142°17'	137°01'	18°50'
18.04.2027	27°45'	170°34'	177°29'	16°11'	357°23'	142°28'	137°02'	18°58'
19.04.2027	28°44'	184°23'	191°14'	18°06'	358°35'	142°39'	137°03'	19°05'
20.04.2027	29°42'	198°02'	204°47'	20°03'	359°48'	142°50'	137°04'	19°13'
21.04.2027	30°41'	211°28'	218°06'	22°01'	1°01'	143°02'	137°06'	19°20'
22.04.2027	31°39'	224°39'	231°08'	24°01'	2°13'	143°15'	137°07'	19°28'
23.04.2027	32°38'	237°33'	243°53'	26°02'	3°26'	143°28'	137°09'	19°35'
24.04.2027	33°36'	250°09'	256°21'	28°05'	4°39'	143°42'	137°11'	19°43'
25.04.2027	34°35'	262°29'	268°33'	30°09'	5°52'	143°56'	137°13'	19°50'
26.04.2027	35°33'	274°35'	280°33'	32°14'	7°04'	144°11'	137°15'	19°57'
27.04.2027	36°32'	286°30'	292°25'	34°20'	8°17'	144°26'	137°18'	20°05'
28.04.2027	37°30'	298°20'	304°14'	36°28'	9°30'	144°41'	137°20'	20°12'
29.04.2027	38°28'	310°09'	316°05'	38°36'	10°43'	144°57'	137°23'	20°19'
30.04.2027	39°27'	322°03'	328°03'	40°45'	11°56'	145°14'	137°26'	20°27'
01.05.2027	40°25'	334°07'	340°14'	42°54'	13°09'	145°31'	137°29'	20°34'
02.05.2027	41°23'	346°26'	352°43'	45°03'	14°21'	145°48'	137°33'	20°41'
03.05.2027	42°21'	359°05'	5°33'	47°13'	15°34'	146°06'	137°36'	20°49'
04.05.2027	43°20'	12°06'	18°46'	49°22'	16°47'	146°24'	137°40'	20°56'
05.05.2027	44°18'	25°31'	32°22'	51°30'	18°00'	146°42'	137°43'	21°03'
06.05.2027	45°16'	39°18'	46°18'	53°37'	19°13'	147°01'	137°48'	21°10'
07.05.2027	46°14'	53°23'	60°32'	55°43'	20°26'	147°21'	137°52'	21°17'
08.05.2027	47°12'	67°43'	74°56'	57°47'	21°39'	147°40'	137°56'	21°24'
09.05.2027	48°10'	82°10'	89°24'	59°50'	22°52'	148°00'	138°01'	21°31'
10.05.2027	49°08'	96°38'	103°51'	61°51'	24°04'	148°21'	138°05'	21°38'
11.05.2027	50°06'	111°03'	118°12'	63°49'	25°17'	148°42'	138°10'	21°45'
12.05.2027	51°04'	125°20'	132°25'	65°44'	26°30'	149°03'	138°15'	21°52'
13.05.2027	52°02'	139°28'	146°28'	67°37'	27°43'	149°24'	138°20'	21°59'
14.05.2027	53°00'	153°25'	160°20'	69°27'	28°56'	149°46'	138°25'	22°06'
15.05.2027	53°58'	167°12'	174°02'	71°14'	30°09'	150°09'	138°31'	22°13'
16.05.2027	54°56'	180°49'	187°33'	72°58'	31°22'	150°31'	138°36'	22°20'
17.05.2027	55°54'	194°15'	200°54'	74°39'	32°35'	150°54'	138°42'	22°27'
18.05.2027	56°52'	207°30'	214°04'	76°17'	33°48'	151°17'	138°48'	22°33'
19.05.2027	57°49'	220°34'	227°01'	77°51'	35°01'	151°40'	138°54'	22°40'
20.05.2027	58°47'	233°25'	239°46'	79°21'	36°14'	152°04'	139°00'	22°47'
21.05.2027	59°45'	246°03'	252°17'	80°49'	37°27'	152°28'	139°07'	22°53'
22.05.2027	60°43'	258°27'	264°35'	82°12'	38°40'	152°52'	139°13'	23°00'
23.05.2027	61°40'	270°39'	276°41'	83°32'	39°53'	153°17'	139°20'	23°06'
24.05.2027	62°38'	282°40'	288°37'	84°49'	41°06'	153°42'	139°26'	23°13'
25.05.2027	63°36'	294°33'	300°27'	86°02'	42°19'	154°07'	139°33'	23°19'
26.05.2027	64°33'	306°21'	312°15'	87°11'	43°32'	154°32'	139°40'	23°26'
27.05.2027	65°31'	318°09'	324°05'	88°17'	44°45'	154°58'	139°47'	23°32'
28.05.2027	66°28'	330°02'	336°03'	89°18'	45°58'	155°24'	139°55'	23°38'
29.05.2027	67°26'	342°06'	348°13'	90°16'	47°11'	155°50'	140°02'	23°44'
30.05.2027	68°24'	354°25'	0°42'	91°10'	48°24'	156°16'	140°09'	23°51'
31.05.2027	69°21'	7°05'	13°34'	92°00'	49°37'	156°43'	140°17'	23°57'
01.06.2027	70°19'	20°10'	26°52'	92°45'	50°50'	157°09'	140°25'	24°03'
02.06.2027	71°16'	33°40'	40°36'	93°27'	52°03'	157°36'	140°33'	24°09'

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03.06.2027	72°14'	47°38'	54°46'	94°04'	53°16'	158°04'	140°41'	24°15'
04.06.2027	73°11'	61°59'	69°16'	94°37'	54°29'	158°31'	140°49'	24°20'
05.06.2027	74°09'	76°38'	84°02'	95°06'	55°42'	158°59'	140°57'	24°26'
06.06.2027	75°06'	91°27'	98°53'	95°30'	56°55'	159°27'	141°06'	24°32'
07.06.2027	76°04'	106°19'	113°43'	95°49'	58°09'	159°55'	141°14'	24°38'
08.06.2027	77°01'	121°05'	128°25'	96°04'	59°22'	160°23'	141°23'	24°43'
09.06.2027	77°58'	135°40'	142°52'	96°15'	60°35'	160°52'	141°31'	24°49'
10.06.2027	78°56'	150°00'	157°03'	96°20'	61°48'	161°21'	141°40'	24°54'
11.06.2027	79°53'	164°02'	170°56'	96°22'	63°01'	161°50'	141°49'	25°00'
12.06.2027	80°51'	177°46'	184°32'	96°18'	64°14'	162°19'	141°58'	25°05'
13.06.2027	81°48'	191°13'	197°51'	96°10'	65°28'	162°48'	142°07'	25°10'
14.06.2027	82°45'	204°25'	210°55'	95°59'	66°41'	163°18'	142°16'	25°16'
15.06.2027	83°43'	217°22'	223°46'	95°43'	67°54'	163°47'	142°26'	25°21'
16.06.2027	84°40'	230°07'	236°24'	95°23'	69°07'	164°17'	142°35'	25°26'
17.06.2027	85°37'	242°39'	248°51'	95°00'	70°20'	164°47'	142°45'	25°31'
18.06.2027	86°34'	255°00'	261°07'	94°33'	71°34'	165°18'	142°54'	25°36'
19.06.2027	87°32'	267°11'	273°13'	94°04'	72°47'	165°48'	143°04'	25°41'
20.06.2027	88°29'	279°13'	285°11'	93°33'	74°00'	166°19'	143°14'	25°45'
21.06.2027	89°26'	291°07'	297°02'	93°00'	75°13'	166°49'	143°24'	25°50'
22.06.2027	90°23'	302°57'	308°50'	92°26'	76°27'	167°20'	143°34'	25°55'
23.06.2027	91°21'	314°44'	320°38'	91°51'	77°40'	167°51'	143°44'	25°59'
24.06.2027	92°18'	326°32'	332°28'	91°17'	78°53'	168°23'	143°54'	26°04'
25.06.2027	93°15'	338°26'	344°26'	90°43'	80°07'	168°54'	144°04'	26°08'
26.06.2027	94°12'	350°29'	356°37'	90°10'	81°20'	169°25'	144°15'	26°13'
27.06.2027	95°10'	2°48'	9°04'	89°39'	82°33'	169°57'	144°25'	26°17'
28.06.2027	96°07'	15°26'	21°54'	89°10'	83°47'	170°29'	144°36'	26°21'
29.06.2027	97°04'	28°28'	35°09'	88°44'	85°00'	171°01'	144°46'	26°25'
30.06.2027	98°01'	41°57'	48°51'	88°21'	86°13'	171°33'	144°57'	26°29'
01.07.2027	98°58'	55°53'	63°02'	88°02'	87°27'	172°05'	145°08'	26°33'
02.07.2027	99°56'	70°16'	77°37'	87°47'	88°40'	172°38'	145°19'	26°37'
03.07.2027	100°53'	85°02'	92°31'	87°36'	89°54'	173°10'	145°29'	26°41'
04.07.2027	101°50'	100°03'	107°36'	87°30'	91°07'	173°43'	145°40'	26°44'
05.07.2027	102°47'	115°10'	122°43'	87°28'	92°21'	174°16'	145°51'	26°48'
06.07.2027	103°45'	130°14'	137°43'	87°32'	93°34'	174°49'	146°03'	26°51'
07.07.2027	104°42'	145°08'	152°28'	87°40'	94°48'	175°22'	146°14'	26°55'
08.07.2027	105°39'	159°43'	166°53'	87°53'	96°01'	175°55'	146°25'	26°58'
09.07.2027	106°36'	173°57'	180°56'	88°12'	97°15'	176°29'	146°36'	27°01'
10.07.2027	107°33'	187°48'	194°35'	88°35'	98°28'	177°02'	146°48'	27°04'
11.07.2027	108°31'	201°16'	207°52'	89°04'	99°42'	177°36'	146°59'	27°07'
12.07.2027	109°28'	214°23'	220°49'	89°38'	100°56'	178°10'	147°11'	27°10'
13.07.2027	110°25'	227°11'	233°29'	90°17'	102°09'	178°44'	147°22'	27°13'
14.07.2027	111°22'	239°43'	245°54'	91°01'	103°23'	179°18'	147°34'	27°16'
15.07.2027	112°20'	252°02'	258°07'	91°50'	104°36'	179°52'	147°46'	27°19'
16.07.2027	113°17'	264°10'	270°10'	92°44'	105°50'	180°26'	147°57'	27°21'
17.07.2027	114°14'	276°09'	282°07'	93°43'	107°04'	181°01'	148°09'	27°24'
18.07.2027	115°11'	288°03'	293°58'	94°47'	108°17'	181°35'	148°21'	27°26'
19.07.2027	116°08'	299°52'	305°46'	95°56'	109°31'	182°10'	148°33'	27°28'
20.07.2027	117°06'	311°40'	317°34'	97°09'	110°45'	182°44'	148°45'	27°30'
21.07.2027	118°03'	323°28'	329°23'	98°27'	111°59'	183°19'	148°57'	27°33'
22.07.2027	119°00'	335°20'	341°17'	99°49'	113°12'	183°54'	149°09'	27°35'
23.07.2027	119°57'	347°17'	353°19'	101°16'	114°26'	184°29'	149°21'	27°36'
24.07.2027	120°55'	359°25'	5°33'	102°47'	115°40'	185°05'	149°33'	27°38'
25.07.2027	121°52'	11°45'	18°02'	104°22'	116°54'	185°40'	149°45'	27°40'
26.07.2027	122°49'	24°23'	30°50'	106°01'	118°08'	186°15'	149°58'	27°41'
27.07.2027	123°47'	37°22'	44°00'	107°44'	119°21'	186°51'	150°10'	27°43'

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28.07.2027	124°44'	50°45'	57°36'	109°30'	120°35'	187°27'	150°22'	27°44'
29.07.2027	125°41'	64°33'	71°37'	111°20'	121°49'	188°02'	150°35'	27°46'
30.07.2027	126°39'	78°48'	86°04'	113°12'	123°03'	188°38'	150°47'	27°47'
31.07.2027	127°36'	93°26'	100°53'	115°08'	124°17'	189°14'	150°59'	27°48'
01.08.2027	128°33'	108°23'	115°57'	117°05'	125°31'	189°50'	151°12'	27°49'
02.08.2027	129°31'	123°32'	131°08'	119°05'	126°45'	190°26'	151°24'	27°50'
03.08.2027	130°28'	138°43'	146°16'	121°07'	127°59'	191°03'	151°37'	27°50'
04.08.2027	131°26'	153°47'	161°13'	123°09'	129°13'	191°39'	151°50'	27°51'
05.08.2027	132°23'	168°35'	175°51'	125°13'	130°27'	192°16'	152°02'	27°52'
06.08.2027	133°21'	183°02'	190°05'	127°17'	131°41'	192°52'	152°15'	27°52'
07.08.2027	134°18'	197°03'	203°53'	129°22'	132°55'	193°29'	152°27'	27°52'
08.08.2027	135°16'	210°37'	217°15'	131°26'	134°09'	194°06'	152°40'	27°53'
09.08.2027	136°13'	223°47'	230°12'	133°31'	135°23'	194°43'	152°53'	27°53'
10.08.2027	137°11'	236°33'	242°49'	135°35'	136°37'	195°20'	153°06'	27°53'
11.08.2027	138°08'	249°00'	255°07'	137°38'	137°51'	195°57'	153°18'	27°53'
12.08.2027	139°06'	261°12'	267°13'	139°41'	139°06'	196°34'	153°31'	27°53'
13.08.2027	140°03'	273°12'	279°09'	141°42'	140°20'	197°11'	153°44'	27°52'
14.08.2027	141°01'	285°05'	290°59'	143°43'	141°34'	197°49'	153°57'	27°52'
15.08.2027	141°59'	296°53'	302°47'	145°42'	142°48'	198°26'	154°10'	27°51'
16.08.2027	142°56'	308°41'	314°35'	147°40'	144°02'	199°04'	154°23'	27°51'
17.08.2027	143°54'	320°30'	326°26'	149°37'	145°16'	199°41'	154°36'	27°50'
18.08.2027	144°51'	332°23'	338°22'	151°33'	146°31'	200°19'	154°49'	27°49'
19.08.2027	145°49'	344°22'	350°24'	153°27'	147°45'	200°57'	155°01'	27°48'
20.08.2027	146°47'	356°29'	2°36'	155°19'	148°59'	201°35'	155°14'	27°47'
21.08.2027	147°45'	8°46'	14°59'	157°11'	150°13'	202°13'	155°27'	27°46'
22.08.2027	148°42'	21°15'	27°35'	159°01'	151°28'	202°51'	155°40'	27°45'
23.08.2027	149°40'	33°59'	40°27'	160°49'	152°42'	203°30'	155°53'	27°44'
24.08.2027	150°38'	46°59'	53°36'	162°36'	153°56'	204°08'	156°06'	27°42'
25.08.2027	151°36'	60°19'	67°06'	164°22'	155°10'	204°46'	156°19'	27°41'
26.08.2027	152°34'	73°59'	80°57'	166°07'	156°25'	205°25'	156°32'	27°39'
27.08.2027	153°32'	88°01'	95°10'	167°50'	157°39'	206°03'	156°45'	27°37'
28.08.2027	154°29'	102°24'	109°42'	169°31'	158°53'	206°42'	156°58'	27°36'
29.08.2027	155°27'	117°05'	124°31'	171°12'	160°08'	207°21'	157°11'	27°34'
30.08.2027	156°25'	132°00'	139°31'	172°51'	161°22'	208°00'	157°24'	27°32'
31.08.2027	157°23'	147°02'	154°33'	174°29'	162°36'	208°39'	157°38'	27°30'
01.09.2027	158°22'	162°02'	169°29'	176°06'	163°51'	209°18'	157°51'	27°27'
02.09.2027	159°20'	176°52'	184°11'	177°41'	165°05'	209°57'	158°04'	27°25'
03.09.2027	160°18'	191°24'	198°31'	179°15'	166°20'	210°36'	158°17'	27°23'
04.09.2027	161°16'	205°32'	212°26'	180°48'	167°34'	211°16'	158°30'	27°20'
05.09.2027	162°14'	219°14'	225°54'	182°19'	168°49'	211°55'	158°43'	27°18'
06.09.2027	163°12'	232°28'	238°55'	183°50'	170°03'	212°34'	158°56'	27°15'
07.09.2027	164°10'	245°17'	251°33'	185°19'	171°17'	213°14'	159°09'	27°12'
08.09.2027	165°09'	257°44'	263°51'	186°46'	172°32'	213°54'	159°22'	27°09'
09.09.2027	166°07'	269°54'	275°54'	188°13'	173°46'	214°33'	159°35'	27°07'
10.09.2027	167°05'	281°52'	287°47'	189°38'	175°01'	215°13'	159°48'	27°04'
11.09.2027	168°03'	293°42'	299°35'	191°02'	176°15'	215°53'	160°01'	27°00'
12.09.2027	169°02'	305°29'	311°23'	192°24'	177°30'	216°33'	160°14'	26°57'
13.09.2027	170°00'	317°17'	323°13'	193°46'	178°44'	217°13'	160°27'	26°54'
14.09.2027	170°58'	329°11'	335°10'	195°05'	179°59'	217°53'	160°40'	26°51'
15.09.2027	171°57'	341°11'	347°15'	196°24'	181°13'	218°34'	160°52'	26°47'
16.09.2027	172°55'	353°22'	359°31'	197°40'	182°28'	219°14'	161°05'	26°44'
17.09.2027	173°54'	5°43'	11°58'	198°56'	183°42'	219°54'	161°18'	26°40'
18.09.2027	174°52'	18°16'	24°37'	200°09'	184°57'	220°35'	161°31'	26°37'
19.09.2027	175°51'	31°01'	37°29'	201°21'	186°11'	221°16'	161°44'	26°33'
20.09.2027	176°49'	43°59'	50°33'	202°31'	187°26'	221°56'	161°57'	26°29'

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21.09.2027	177°48'	57°10'	63°51'	203°39'	188°40'	222°37'	162°10'	26°25'
22.09.2027	178°47'	70°35'	77°22'	204°45'	189°55'	223°18'	162°22'	26°21'
23.09.2027	179°45'	84°13'	91°08'	205°49'	191°09'	223°59'	162°35'	26°18'
24.09.2027	180°44'	98°06'	105°09'	206°51'	192°24'	224°40'	162°48'	26°14'
25.09.2027	181°43'	112°14'	119°24'	207°50'	193°38'	225°21'	163°01'	26°09'
26.09.2027	182°42'	126°36'	133°52'	208°47'	194°53'	226°02'	163°13'	26°05'
27.09.2027	183°40'	141°10'	148°29'	209°40'	196°07'	226°43'	163°26'	26°01'
28.09.2027	184°39'	155°50'	163°12'	210°31'	197°22'	227°24'	163°38'	25°57'
29.09.2027	185°38'	170°32'	177°52'	211°18'	198°37'	228°06'	163°51'	25°53'
30.09.2027	186°37'	185°09'	192°23'	212°02'	199°51'	228°47'	164°03'	25°48'
01.10.2027	187°36'	199°33'	206°38'	212°41'	201°06'	229°29'	164°16'	25°44'
02.10.2027	188°35'	213°38'	220°31'	213°17'	202°20'	230°11'	164°28'	25°39'
03.10.2027	189°34'	227°19'	234°00'	213°47'	203°35'	230°52'	164°41'	25°35'
04.10.2027	190°33'	240°35'	247°03'	214°13'	204°49'	231°34'	164°53'	25°30'
05.10.2027	191°32'	253°26'	259°43'	214°33'	206°04'	232°16'	165°06'	25°26'
06.10.2027	192°31'	265°55'	272°02'	214°47'	207°18'	232°58'	165°18'	25°21'
07.10.2027	193°30'	278°06'	284°06'	214°54'	208°33'	233°40'	165°30'	25°17'
08.10.2027	194°30'	290°03'	295°59'	214°55'	209°48'	234°22'	165°42'	25°12'
09.10.2027	195°29'	301°53'	307°47'	214°49'	211°02'	235°04'	165°54'	25°07'
10.10.2027	196°28'	313°41'	319°35'	214°34'	212°17'	235°46'	166°06'	25°03'
11.10.2027	197°27'	325°31'	331°29'	214°12'	213°31'	236°29'	166°19'	24°58'
12.10.2027	198°27'	337°29'	343°32'	213°42'	214°46'	237°11'	166°30'	24°53'
13.10.2027	199°26'	349°37'	355°47'	213°03'	216°00'	237°54'	166°42'	24°49'
14.10.2027	200°25'	2°00'	8°16'	212°16'	217°15'	238°36'	166°54'	24°44'
15.10.2027	201°25'	14°37'	21°01'	211°22'	218°29'	239°19'	167°06'	24°39'
16.10.2027	202°24'	27°30'	34°02'	210°21'	219°44'	240°01'	167°18'	24°34'
17.10.2027	203°24'	40°37'	47°15'	209°14'	220°59'	240°44'	167°30'	24°30'
18.10.2027	204°23'	53°57'	60°41'	208°03'	222°13'	241°27'	167°41'	24°25'
19.10.2027	205°23'	67°28'	74°17'	206°49'	223°28'	242°10'	167°53'	24°20'
20.10.2027	206°22'	81°09'	88°02'	205°35'	224°42'	242°53'	168°04'	24°15'
21.10.2027	207°22'	94°57'	101°54'	204°23'	225°57'	243°36'	168°16'	24°10'
22.10.2027	208°22'	108°52'	115°52'	203°14'	227°11'	244°19'	168°27'	24°06'
23.10.2027	209°21'	122°54'	129°57'	202°12'	228°26'	245°02'	168°39'	24°01'
24.10.2027	210°21'	137°02'	144°08'	201°17'	229°40'	245°45'	168°50'	23°56'
25.10.2027	211°21'	151°15'	158°23'	200°32'	230°55'	246°29'	169°01'	23°51'
26.10.2027	212°21'	165°31'	172°39'	199°57'	232°09'	247°12'	169°12'	23°47'
27.10.2027	213°20'	179°47'	186°54'	199°33'	233°24'	247°56'	169°23'	23°42'
28.10.2027	214°20'	193°59'	201°02'	199°21'	234°38'	248°39'	169°34'	23°37'
29.10.2027	215°20'	208°02'	214°59'	199°20'	235°53'	249°23'	169°45'	23°33'
30.10.2027	216°20'	221°51'	228°38'	199°30'	237°07'	250°06'	169°56'	23°28'
31.10.2027	217°20'	235°21'	241°58'	199°50'	238°22'	250°50'	170°06'	23°24'
01.11.2027	218°20'	248°30'	254°57'	200°21'	239°36'	251°34'	170°17'	23°19'
02.11.2027	219°20'	261°18'	267°35'	201°00'	240°51'	252°18'	170°28'	23°15'
03.11.2027	220°20'	273°46'	279°53'	201°47'	242°06'	253°02'	170°38'	23°10'
04.11.2027	221°20'	285°57'	291°57'	202°42'	243°20'	253°46'	170°48'	23°06'
05.11.2027	222°20'	297°55'	303°50'	203°43'	244°35'	254°30'	170°59'	23°01'
06.11.2027	223°21'	309°45'	315°38'	204°50'	245°49'	255°14'	171°09'	22°57'
07.11.2027	224°21'	321°32'	327°27'	206°01'	247°03'	255°58'	171°19'	22°53'
08.11.2027	225°21'	333°24'	339°22'	207°17'	248°18'	256°43'	171°29'	22°48'
09.11.2027	226°21'	345°23'	351°28'	208°36'	249°32'	257°27'	171°39'	22°44'
10.11.2027	227°21'	357°36'	3°49'	209°58'	250°47'	258°11'	171°49'	22°40'
11.11.2027	228°22'	10°06'	16°29'	211°23'	252°01'	258°56'	171°58'	22°36'
12.11.2027	229°22'	22°56'	29°28'	212°50'	253°16'	259°40'	172°08'	22°32'
13.11.2027	230°22'	36°06'	42°48'	214°19'	254°30'	260°25'	172°17'	22°28'
14.11.2027	231°23'	49°34'	56°25'	215°49'	255°45'	261°10'	172°27'	22°24'

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15.11.2027	232°23'	63°19'	70°17'	217°20'	256°59'	261°54'	172°36'	22°20'
16.11.2027	233°23'	77°17'	84°19'	218°52'	258°13'	262°39'	172°45'	22°17'
17.11.2027	234°24'	91°23'	98°27'	220°25'	259°28'	263°24'	172°54'	22°13'
18.11.2027	235°24'	105°33'	112°38'	221°58'	260°42'	264°09'	173°03'	22°09'
19.11.2027	236°25'	119°44'	126°49'	223°32'	261°57'	264°54'	173°12'	22°06'
20.11.2027	237°25'	133°53'	140°57'	225°06'	263°11'	265°39'	173°21'	22°02'
21.11.2027	238°26'	148°00'	155°01'	226°41'	264°25'	266°24'	173°29'	21°59'
22.11.2027	239°26'	162°02'	169°02'	228°16'	265°40'	267°09'	173°38'	21°56'
23.11.2027	240°27'	176°01'	182°58'	229°50'	266°54'	267°54'	173°46'	21°53'
24.11.2027	241°28'	189°53'	196°47'	231°25'	268°09'	268°39'	173°55'	21°49'
25.11.2027	242°28'	203°39'	210°28'	233°00'	269°23'	269°25'	174°03'	21°46'
26.11.2027	243°29'	217°15'	223°58'	234°35'	270°37'	270°10'	174°11'	21°43'
27.11.2027	244°30'	230°39'	237°15'	236°10'	271°52'	270°56'	174°19'	21°41'
28.11.2027	245°31'	243°48'	250°17'	237°44'	273°06'	271°41'	174°26'	21°38'
29.11.2027	246°31'	256°42'	263°03'	239°19'	274°20'	272°27'	174°34'	21°35'
30.11.2027	247°32'	269°19'	275°32'	240°54'	275°34'	273°12'	174°41'	21°33'
01.12.2027	248°33'	281°40'	287°46'	242°28'	276°49'	273°58'	174°49'	21°30'
02.12.2027	249°34'	293°48'	299°47'	244°03'	278°03'	274°43'	174°56'	21°28'
03.12.2027	250°35'	305°44'	311°39'	245°37'	279°17'	275°29'	175°03'	21°25'
04.12.2027	251°35'	317°33'	323°27'	247°11'	280°32'	276°15'	175°10'	21°23'
05.12.2027	252°36'	329°21'	335°15'	248°46'	281°46'	277°01'	175°17'	21°21'
06.12.2027	253°37'	341°11'	347°09'	250°20'	283°00'	277°47'	175°23'	21°19'
07.12.2027	254°38'	353°10'	359°14'	251°54'	284°14'	278°33'	175°30'	21°17'
08.12.2027	255°39'	5°22'	11°35'	253°28'	285°28'	279°19'	175°36'	21°15'
09.12.2027	256°40'	17°53'	24°16'	255°02'	286°42'	280°05'	175°42'	21°14'
10.12.2027	257°41'	30°46'	37°21'	256°37'	287°57'	280°51'	175°48'	21°12'
11.12.2027	258°42'	44°03'	50°50'	258°11'	289°11'	281°37'	175°54'	21°11'
12.12.2027	259°43'	57°44'	64°43'	259°45'	290°25'	282°23'	176°00'	21°09'
13.12.2027	260°44'	71°47'	78°56'	261°19'	291°39'	283°09'	176°05'	21°08'
14.12.2027	261°45'	86°08'	93°23'	262°54'	292°53'	283°55'	176°11'	21°07'
15.12.2027	262°46'	100°41'	108°00'	264°28'	294°07'	284°42'	176°16'	21°06'
16.12.2027	263°47'	115°19'	122°38'	266°03'	295°21'	285°28'	176°21'	21°05'
17.12.2027	264°48'	129°56'	137°12'	267°38'	296°35'	286°14'	176°26'	21°04'
18.12.2027	265°49'	144°26'	151°37'	269°13'	297°49'	287°01'	176°30'	21°03'
19.12.2027	266°50'	158°46'	165°51'	270°48'	299°03'	287°47'	176°35'	21°03'
20.12.2027	267°51'	172°54'	179°52'	272°23'	300°16'	288°34'	176°39'	21°02'
21.12.2027	268°52'	186°47'	193°39'	273°58'	301°30'	289°20'	176°44'	21°02'
22.12.2027	269°53'	200°27'	207°12'	275°34'	302°44'	290°07'	176°48'	21°01'
23.12.2027	270°54'	213°53'	220°31'	277°09'	303°58'	290°53'	176°52'	21°01'
24.12.2027	271°55'	227°06'	233°37'	278°45'	305°12'	291°40'	176°55'	21°01'
25.12.2027	272°56'	240°05'	246°30'	280°21'	306°25'	292°27'	176°59'	21°01'
26.12.2027	273°58'	252°52'	259°10'	281°57'	307°39'	293°14'	177°02'	21°01'
27.12.2027	274°59'	265°25'	271°37'	283°34'	308°53'	294°00'	177°05'	21°02'
28.12.2027	276°00'	277°47'	283°53'	285°10'	310°06'	294°47'	177°08'	21°02'
29.12.2027	277°01'	289°57'	295°58'	286°47'	311°20'	295°34'	177°11'	21°03'
30.12.2027	278°02'	301°57'	307°55'	288°23'	312°33'	296°21'	177°14'	21°03'
31.12.2027	279°03'	313°50'	319°45'	290°00'	313°47'	297°08'	177°16'	21°04'
01.01.2028	280°05'	325°38'	331°32'	291°37'	315°00'	297°55'	177°18'	21°05'
02.01.2028	281°06'	337°25'	343°20'	293°13'	316°14'	298°42'	177°20'	21°06'
03.01.2028	282°07'	349°15'	355°13'	294°50'	317°27'	299°29'	177°22'	21°07'
04.01.2028	283°08'	1°12'	7°15'	296°26'	318°40'	300°16'	177°24'	21°08'
05.01.2028	284°09'	13°22'	19°33'	298°01'	319°54'	301°03'	177°26'	21°09'
06.01.2028	285°10'	25°49'	32°10'	299°36'	321°07'	301°50'	177°27'	21°10'
07.01.2028	286°12'	38°37'	45°10'	301°11'	322°20'	302°37'	177°28'	21°12'
08.01.2028	287°13'	51°50'	58°36'	302°44'	323°33'	303°24'	177°29'	21°14'

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09.01.2028	288°14'	65°30'	72°30'	304°17'	324°46'	304°11'	177°30'	21°15'
10.01.2028	289°15'	79°36'	86°49'	305°48'	325°59'	304°58'	177°30'	21°17'
11.01.2028	290°16'	94°07'	101°30'	307°17'	327°12'	305°45'	177°31'	21°19'
12.01.2028	291°17'	108°56'	116°25'	308°44'	328°25'	306°33'	177°31'	21°21'
13.01.2028	292°18'	123°56'	131°28'	310°08'	329°38'	307°20'	177°31'	21°23'
14.01.2028	293°19'	138°59'	146°28'	311°30'	330°50'	308°07'	177°30'	21°25'
15.01.2028	294°21'	153°55'	161°19'	312°47'	332°03'	308°54'	177°30'	21°28'
16.01.2028	295°22'	168°39'	175°54'	314°01'	333°16'	309°42'	177°29'	21°30'
17.01.2028	296°23'	183°03'	190°08'	315°09'	334°28'	310°29'	177°29'	21°33'
18.01.2028	297°24'	197°07'	204°00'	316°12'	335°41'	311°16'	177°28'	21°35'
19.01.2028	298°25'	210°48'	217°30'	317°08'	336°53'	312°03'	177°26'	21°38'
20.01.2028	299°26'	224°07'	230°39'	317°57'	338°05'	312°51'	177°25'	21°41'
21.01.2028	300°27'	237°07'	243°30'	318°37'	339°17'	313°38'	177°24'	21°44'
22.01.2028	301°28'	249°50'	256°05'	319°09'	340°30'	314°26'	177°22'	21°47'
23.01.2028	302°29'	262°18'	268°27'	319°30'	341°42'	315°13'	177°20'	21°50'
24.01.2028	303°30'	274°34'	280°38'	319°41'	342°54'	316°00'	177°18'	21°53'
25.01.2028	304°31'	286°40'	292°40'	319°40'	344°05'	316°48'	177°15'	21°57'
26.01.2028	305°32'	298°39'	304°36'	319°28'	345°17'	317°35'	177°13'	22°00'
27.01.2028	306°33'	310°32'	316°27'	319°05'	346°29'	318°23'	177°10'	22°04'
28.01.2028	307°34'	322°21'	328°15'	318°30'	347°41'	319°10'	177°07'	22°07'
29.01.2028	308°35'	334°09'	340°03'	317°45'	348°52'	319°58'	177°04'	22°11'
30.01.2028	309°36'	345°57'	351°53'	316°51'	350°03'	320°45'	177°01'	22°15'
31.01.2028	310°37'	357°49'	3°48'	315°49'	351°15'	321°33'	176°58'	22°19'
01.02.2028	311°38'	9°48'	15°52'	314°41'	352°26'	322°20'	176°54'	22°23'
02.02.2028	312°39'	21°58'	28°08'	313°28'	353°37'	323°07'	176°50'	22°27'
03.02.2028	313°40'	34°21'	40°40'	312°14'	354°48'	323°55'	176°46'	22°31'
04.02.2028	314°41'	47°03'	53°33'	311°01'	355°59'	324°42'	176°42'	22°35'
05.02.2028	315°42'	60°08'	66°49'	309°49'	357°10'	325°30'	176°38'	22°40'
06.02.2028	316°43'	73°37'	80°32'	308°42'	358°20'	326°17'	176°33'	22°44'
07.02.2028	317°43'	87°34'	94°42'	307°40'	359°31'	327°05'	176°29'	22°49'
08.02.2028	318°44'	101°57'	109°18'	306°45'	0°41'	327°52'	176°24'	22°53'
09.02.2028	319°45'	116°45'	124°16'	305°58'	1°51'	328°40'	176°19'	22°58'
10.02.2028	320°46'	131°50'	139°27'	305°18'	3°01'	329°27'	176°14'	23°03'
11.02.2028	321°46'	147°05'	154°43'	304°46'	4°11'	330°15'	176°09'	23°08'
12.02.2028	322°47'	162°19'	169°53'	304°23'	5°21'	331°02'	176°03'	23°13'
13.02.2028	323°48'	177°23'	184°48'	304°08'	6°30'	331°50'	175°58'	23°18'
14.02.2028	324°48'	192°08'	199°21'	304°00'	7°40'	332°37'	175°52'	23°23'
15.02.2028	325°49'	206°28'	213°27'	304°00'	8°49'	333°25'	175°46'	23°28'
16.02.2028	326°50'	220°20'	227°05'	304°07'	9°58'	334°12'	175°40'	23°33'
17.02.2028	327°50'	233°44'	240°16'	304°20'	11°07'	334°59'	175°34'	23°38'
18.02.2028	328°51'	246°43'	253°04'	304°39'	12°16'	335°47'	175°28'	23°44'
19.02.2028	329°51'	259°20'	265°31'	305°04'	13°25'	336°34'	175°21'	23°49'
20.02.2028	330°52'	271°39'	277°43'	305°34'	14°33'	337°22'	175°15'	23°55'
21.02.2028	331°52'	283°45'	289°44'	306°10'	15°42'	338°09'	175°08'	24°00'
22.02.2028	332°53'	295°41'	301°37'	306°49'	16°50'	338°56'	175°02'	24°06'
23.02.2028	333°53'	307°32'	313°26'	307°33'	17°58'	339°44'	174°55'	24°12'
24.02.2028	334°54'	319°19'	325°13'	308°20'	19°05'	340°31'	174°48'	24°18'
25.02.2028	335°54'	331°07'	337°02'	309°11'	20°13'	341°19'	174°41'	24°24'
26.02.2028	336°55'	342°57'	348°53'	310°05'	21°20'	342°06'	174°34'	24°29'
27.02.2028	337°55'	354°50'	0°49'	311°02'	22°27'	342°53'	174°27'	24°35'
28.02.2028	338°55'	6°49'	12°51'	312°02'	23°34'	343°41'	174°20'	24°42'
29.02.2028	339°55'	18°55'	25°02'	313°04'	24°41'	344°28'	174°12'	24°48'
01.03.2028	340°56'	31°11'	37°23'	314°09'	25°47'	345°15'	174°05'	24°54'
02.03.2028	341°56'	43°38'	49°57'	315°16'	26°54'	346°02'	173°57'	25°00'
03.03.2028	342°56'	56°20'	62°48'	316°25'	28°00'	346°50'	173°50'	25°06'

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04.03.2028	343°56'	69°20'	75°57'	317°37'	29°05'	347°37'	173°42'	25°13'
05.03.2028	344°56'	82°40'	89°29'	318°50'	30°11'	348°24'	173°35'	25°19'
06.03.2028	345°57'	96°24'	103°25'	320°05'	31°16'	349°11'	173°27'	25°26'
07.03.2028	346°57'	110°32'	117°45'	321°21'	32°21'	349°58'	173°19'	25°32'
08.03.2028	347°57'	125°04'	132°28'	322°40'	33°26'	350°45'	173°12'	25°39'
09.03.2028	348°57'	139°56'	147°29'	324°00'	34°30'	351°32'	173°04'	25°45'
10.03.2028	349°57'	155°04'	162°40'	325°21'	35°34'	352°19'	172°56'	25°52'
11.03.2028	350°56'	170°17'	177°53'	326°44'	36°38'	353°07'	172°48'	25°59'
12.03.2028	351°56'	185°26'	192°56'	328°08'	37°41'	353°54'	172°40'	26°05'
13.03.2028	352°56'	200°20'	207°39'	329°34'	38°44'	354°40'	172°33'	26°12'
14.03.2028	353°56'	214°52'	221°57'	331°01'	39°47'	355°27'	172°25'	26°19'
15.03.2028	354°56'	228°55'	235°45'	332°30'	40°49'	356°14'	172°17'	26°26'
16.03.2028	355°56'	242°28'	249°04'	334°00'	41°52'	357°01'	172°09'	26°33'
17.03.2028	356°55'	255°33'	261°56'	335°31'	42°53'	357°48'	172°01'	26°40'
18.03.2028	357°55'	268°13'	274°24'	337°03'	43°55'	358°35'	171°54'	26°47'
19.03.2028	358°55'	280°31'	286°35'	338°37'	44°56'	359°22'	171°46'	26°54'
20.03.2028	359°54'	292°35'	298°32'	340°12'	45°56'	0°09'	171°38'	27°01'
21.03.2028	0°54'	304°28'	310°22'	341°48'	46°56'	0°55'	171°31'	27°08'
22.03.2028	1°53'	316°15'	322°09'	343°26'	47°56'	1°42'	171°23'	27°15'
23.03.2028	2°53'	328°02'	333°56'	345°05'	48°55'	2°29'	171°15'	27°22'
24.03.2028	3°53'	339°51'	345°47'	346°45'	49°54'	3°15'	171°08'	27°30'
25.03.2028	4°52'	351°45'	357°44'	348°26'	50°53'	4°02'	171°00'	27°37'
26.03.2028	5°52'	3°46'	9°50'	350°09'	51°51'	4°49'	170°53'	27°44'
27.03.2028	6°51'	15°55'	22°04'	351°53'	52°48'	5°35'	170°46'	27°51'
28.03.2028	7°50'	28°14'	34°28'	353°38'	53°45'	6°22'	170°39'	27°59'
29.03.2028	8°50'	40°43'	47°02'	355°25'	54°41'	7°08'	170°31'	28°06'
30.03.2028	9°49'	53°23'	59°47'	357°13'	55°37'	7°55'	170°24'	28°13'
31.03.2028	10°48'	66°15'	72°46'	359°03'	56°33'	8°41'	170°17'	28°21'
01.04.2028	11°48'	79°20'	85°58'	0°53'	57°27'	9°27'	170°11'	28°28'
02.04.2028	12°47'	92°40'	99°26'	2°46'	58°21'	10°14'	170°04'	28°36'
03.04.2028	13°46'	106°17'	113°13'	4°39'	59°15'	11°00'	169°57'	28°43'
04.04.2028	14°45'	120°13'	127°18'	6°34'	60°08'	11°46'	169°51'	28°51'
05.04.2028	15°44'	134°28'	141°42'	8°30'	61°00'	12°32'	169°44'	28°58'
06.04.2028	16°43'	149°01'	156°23'	10°28'	61°51'	13°19'	169°38'	29°06'
07.04.2028	17°42'	163°48'	171°15'	12°27'	62°42'	14°05'	169°32'	29°13'
08.04.2028	18°41'	178°43'	186°12'	14°27'	63°32'	14°51'	169°26'	29°21'
09.04.2028	19°40'	193°39'	201°03'	16°29'	64°21'	15°37'	169°20'	29°28'
10.04.2028	20°39'	208°24'	215°41'	18°31'	65°09'	16°23'	169°14'	29°36'
11.04.2028	21°38'	222°53'	229°58'	20°35'	65°57'	17°09'	169°08'	29°44'
12.04.2028	22°37'	236°57'	243°49'	22°40'	66°43'	17°55'	169°03'	29°51'
13.04.2028	23°36'	250°34'	257°12'	24°45'	67°29'	18°40'	168°57'	29°59'
14.04.2028	24°34'	263°43'	270°08'	26°51'	68°14'	19°26'	168°52'	30°06'
15.04.2028	25°33'	276°27'	282°40'	28°58'	68°58'	20°12'	168°47'	30°14'
16.04.2028	26°32'	288°49'	294°53'	31°04'	69°40'	20°58'	168°42'	30°22'
17.04.2028	27°31'	300°54'	306°52'	33°11'	70°22'	21°44'	168°37'	30°29'
18.04.2028	28°29'	312°49'	318°43'	35°17'	71°03'	22°29'	168°33'	30°37'
19.04.2028	29°28'	324°37'	330°31'	37°23'	71°42'	23°15'	168°28'	30°45'
20.04.2028	30°26'	336°25'	342°21'	39°28'	72°21'	24°00'	168°24'	30°52'
21.04.2028	31°25'	348°17'	354°16'	41°32'	72°58'	24°46'	168°20'	31°00'
22.04.2028	32°24'	0°17'	6°20'	43°34'	73°34'	25°31'	168°16'	31°08'
23.04.2028	33°22'	12°26'	18°36'	45°34'	74°08'	26°17'	168°12'	31°15'
24.04.2028	34°21'	24°48'	31°04'	47°32'	74°41'	27°02'	168°08'	31°23'
25.04.2028	35°19'	37°22'	43°44'	49°27'	75°13'	27°47'	168°05'	31°30'
26.04.2028	36°17'	50°09'	56°37'	51°20'	75°44'	28°33'	168°01'	31°38'
27.04.2028	37°16'	63°08'	69°41'	53°09'	76°12'	29°18'	167°58'	31°46'

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28.04.2028	38°14'	76°18'	82°57'	54°56'	76°40'	30°03'	167°55'	31°53'
29.04.2028	39°13'	89°39'	96°23'	56°39'	77°05'	30°48'	167°52'	32°01'
30.04.2028	40°11'	103°11'	110°01'	58°18'	77°29'	31°33'	167°50'	32°09'
01.05.2028	41°09'	116°54'	123°49'	59°53'	77°51'	32°18'	167°47'	32°16'
02.05.2028	42°07'	130°48'	137°50'	61°25'	78°11'	33°03'	167°45'	32°24'
03.05.2028	43°06'	144°54'	152°01'	62°52'	78°30'	33°48'	167°43'	32°31'
04.05.2028	44°04'	159°11'	166°23'	64°16'	78°46'	34°33'	167°41'	32°39'
05.05.2028	45°02'	173°37'	180°52'	65°35'	79°01'	35°18'	167°40'	32°46'
06.05.2028	46°00'	188°08'	195°23'	66°50'	79°13'	36°03'	167°38'	32°54'
07.05.2028	46°58'	202°38'	209°51'	68°01'	79°23'	36°47'	167°37'	33°01'
08.05.2028	47°56'	217°01'	224°08'	69°07'	79°31'	37°32'	167°36'	33°09'
09.05.2028	48°54'	231°11'	238°09'	70°09'	79°37'	38°17'	167°35'	33°16'
10.05.2028	49°52'	245°02'	251°50'	71°06'	79°40'	39°01'	167°34'	33°24'
11.05.2028	50°50'	258°31'	265°07'	71°58'	79°41'	39°46'	167°33'	33°31'
12.05.2028	51°48'	271°37'	278°01'	72°46'	79°40'	40°30'	167°33'	33°39'
13.05.2028	52°46'	284°20'	290°34'	73°29'	79°36'	41°14'	167°32'	33°46'
14.05.2028	53°44'	296°43'	302°49'	74°07'	79°30'	41°59'	167°32'	33°54'
15.05.2028	54°42'	308°51'	314°50'	74°41'	79°22'	42°43'	167°33'	34°01'
16.05.2028	55°40'	320°47'	326°43'	75°09'	79°11'	43°27'	167°33'	34°08'
17.05.2028	56°37'	332°38'	338°33'	75°33'	78°57'	44°12'	167°33'	34°15'
18.05.2028	57°35'	344°29'	350°25'	75°52'	78°42'	44°56'	167°34'	34°23'
19.05.2028	58°33'	356°24'	2°24'	76°06'	78°23'	45°40'	167°35'	34°30'
20.05.2028	59°31'	8°27'	14°34'	76°14'	78°03'	46°24'	167°36'	34°37'
21.05.2028	60°28'	20°44'	26°58'	76°19'	77°40'	47°08'	167°37'	34°44'
22.05.2028	61°26'	33°15'	39°37'	76°18'	77°16'	47°52'	167°38'	34°51'
23.05.2028	62°24'	46°03'	52°33'	76°13'	76°49'	48°36'	167°40'	34°59'
24.05.2028	63°22'	59°07'	65°45'	76°03'	76°20'	49°19'	167°42'	35°06'
25.05.2028	64°19'	72°27'	79°12'	75°49'	75°50'	50°03'	167°44'	35°13'
26.05.2028	65°17'	86°00'	92°51'	75°31'	75°18'	50°47'	167°46'	35°20'
27.05.2028	66°15'	99°45'	106°41'	75°10'	74°44'	51°31'	167°48'	35°27'
28.05.2028	67°12'	113°38'	120°38'	74°45'	74°09'	52°14'	167°50'	35°34'
29.05.2028	68°10'	127°39'	134°41'	74°18'	73°33'	52°58'	167°53'	35°41'
30.05.2028	69°07'	141°44'	148°48'	73°48'	72°57'	53°41'	167°56'	35°47'
31.05.2028	70°05'	155°53'	162°59'	73°17'	72°20'	54°25'	167°59'	35°54'
01.06.2028	71°02'	170°04'	177°10'	72°44'	71°42'	55°08'	168°02'	36°01'
02.06.2028	72°00'	184°16'	191°21'	72°10'	71°04'	55°51'	168°05'	36°08'
03.06.2028	72°57'	198°25'	205°28'	71°37'	70°27'	56°35'	168°09'	36°14'
04.06.2028	73°55'	212°29'	219°28'	71°04'	69°49'	57°18'	168°12'	36°21'
05.06.2028	74°52'	226°25'	233°19'	70°31'	69°13'	58°01'	168°16'	36°27'
06.06.2028	75°50'	240°09'	246°55'	70°01'	68°37'	58°44'	168°20'	36°34'
07.06.2028	76°47'	253°37'	260°15'	69°32'	68°02'	59°27'	168°24'	36°41'
08.06.2028	77°44'	266°49'	273°17'	69°07'	67°29'	60°10'	168°28'	36°47'
09.06.2028	78°42'	279°42'	286°02'	68°44'	66°57'	60°53'	168°33'	36°53'
10.06.2028	79°39'	292°17'	298°29'	68°24'	66°27'	61°36'	168°38'	37°00'
11.06.2028	80°36'	304°37'	310°42'	68°08'	65°58'	62°19'	168°42'	37°06'
12.06.2028	81°34'	316°43'	322°43'	67°57'	65°32'	63°02'	168°47'	37°12'
13.06.2028	82°31'	328°40'	334°37'	67°49'	65°08'	63°44'	168°52'	37°18'
14.06.2028	83°28'	340°32'	346°28'	67°46'	64°45'	64°27'	168°57'	37°24'
15.06.2028	84°26'	352°24'	358°21'	67°47'	64°25'	65°09'	169°03'	37°31'
16.06.2028	85°23'	4°20'	10°21'	67°52'	64°08'	65°52'	169°08'	37°37'
17.06.2028	86°20'	16°26'	22°33'	68°03'	63°52'	66°35'	169°14'	37°42'
18.06.2028	87°18'	28°45'	35°00'	68°17'	63°39'	67°17'	169°20'	37°48'
19.06.2028	88°15'	41°21'	47°46'	68°37'	63°29'	67°59'	169°26'	37°54'
20.06.2028	89°12'	54°17'	60°52'	69°01'	63°21'	68°42'	169°32'	38°00'
21.06.2028	90°09'	67°33'	74°19'	69°29'	63°15'	69°24'	169°38'	38°06'

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22.06.2028	91°07'	81°10'	88°05'	70°03'	63°12'	70°06'	169°44'	38°11'
23.06.2028	92°04'	95°05'	102°08'	70°40'	63°11'	70°48'	169°51'	38°17'
24.06.2028	93°01'	109°14'	116°23'	71°22'	63°12'	71°31'	169°57'	38°22'
25.06.2028	93°59'	123°34'	130°46'	72°08'	63°16'	72°13'	170°04'	38°28'
26.06.2028	94°56'	137°59'	145°13'	72°58'	63°21'	72°55'	170°11'	38°33'
27.06.2028	95°53'	152°26'	159°38'	73°53'	63°29'	73°37'	170°18'	38°38'
28.06.2028	96°50'	166°49'	173°58'	74°52'	63°40'	74°18'	170°25'	38°44'
29.06.2028	97°47'	181°05'	188°10'	75°54'	63°52'	75°00'	170°32'	38°49'
30.06.2028	98°45'	195°13'	202°12'	77°01'	64°06'	75°42'	170°40'	38°54'
01.07.2028	99°42'	209°09'	216°03'	78°12'	64°22'	76°24'	170°47'	38°59'
02.07.2028	100°39'	222°54'	229°41'	79°26'	64°40'	77°05'	170°55'	39°04'
03.07.2028	101°36'	236°26'	243°06'	80°45'	65°00'	77°47'	171°03'	39°09'
04.07.2028	102°33'	249°44'	256°17'	82°07'	65°21'	78°29'	171°11'	39°14'
05.07.2028	103°31'	262°47'	269°14'	83°33'	65°45'	79°10'	171°19'	39°18'
06.07.2028	104°28'	275°37'	281°57'	85°03'	66°09'	79°51'	171°27'	39°23'
07.07.2028	105°25'	288°13'	294°26'	86°36'	66°36'	80°33'	171°35'	39°27'
08.07.2028	106°22'	300°36'	306°43'	88°13'	67°04'	81°14'	171°43'	39°32'
09.07.2028	107°19'	312°48'	318°50'	89°53'	67°34'	81°55'	171°52'	39°36'
10.07.2028	108°17'	324°49'	330°48'	91°37'	68°05'	82°37'	172°01'	39°41'
11.07.2028	109°14'	336°45'	342°40'	93°24'	68°37'	83°18'	172°09'	39°45'
12.07.2028	110°11'	348°36'	354°31'	95°14'	69°11'	83°59'	172°18'	39°49'
13.07.2028	111°08'	0°28'	6°25'	97°07'	69°46'	84°40'	172°27'	39°53'
14.07.2028	112°05'	12°23'	18°24'	99°02'	70°22'	85°21'	172°36'	39°57'
15.07.2028	113°03'	24°28'	30°35'	101°01'	71°00'	86°02'	172°45'	40°01'
16.07.2028	114°00'	36°46'	43°02'	103°01'	71°38'	86°43'	172°54'	40°05'
17.07.2028	114°57'	49°22'	55°47'	105°04'	72°18'	87°24'	173°04'	40°09'
18.07.2028	115°54'	62°18'	68°56'	107°08'	72°59'	88°04'	173°13'	40°12'
19.07.2028	116°52'	75°39'	82°28'	109°13'	73°41'	88°45'	173°22'	40°16'
20.07.2028	117°49'	89°23'	96°25'	111°20'	74°23'	89°26'	173°32'	40°19'
21.07.2028	118°46'	103°32'	110°44'	113°27'	75°07'	90°06'	173°42'	40°23'
22.07.2028	119°44'	118°00'	125°20'	115°35'	75°52'	90°47'	173°52'	40°26'
23.07.2028	120°41'	132°43'	140°08'	117°43'	76°37'	91°28'	174°01'	40°29'
24.07.2028	121°38'	147°34'	155°00'	119°50'	77°23'	92°08'	174°11'	40°32'
25.07.2028	122°35'	162°25'	169°48'	121°57'	78°11'	92°48'	174°21'	40°35'
26.07.2028	123°33'	177°09'	184°26'	124°04'	78°58'	93°29'	174°32'	40°38'
27.07.2028	124°30'	191°40'	198°49'	126°10'	79°47'	94°09'	174°42'	40°41'
28.07.2028	125°27'	205°53'	212°53'	128°15'	80°36'	94°49'	174°52'	40°44'
29.07.2028	126°25'	219°48'	226°38'	130°18'	81°26'	95°29'	175°03'	40°46'
30.07.2028	127°22'	233°23'	240°03'	132°21'	82°17'	96°10'	175°13'	40°49'
31.07.2028	128°20'	246°38'	253°10'	134°22'	83°08'	96°50'	175°24'	40°51'
01.08.2028	129°17'	259°37'	266°01'	136°22'	84°00'	97°30'	175°34'	40°53'
02.08.2028	130°14'	272°21'	278°37'	138°20'	84°53'	98°10'	175°45'	40°56'
03.08.2028	131°12'	284°51'	291°02'	140°17'	85°46'	98°49'	175°56'	40°58'
04.08.2028	132°09'	297°10'	303°16'	142°12'	86°40'	99°29'	176°07'	41°00'
05.08.2028	133°07'	309°20'	315°22'	144°05'	87°34'	100°09'	176°18'	41°02'
06.08.2028	134°04'	321°22'	327°21'	145°57'	88°29'	100°49'	176°29'	41°04'
07.08.2028	135°02'	333°18'	339°15'	147°48'	89°24'	101°28'	176°40'	41°05'
08.08.2028	135°59'	345°11'	351°06'	149°37'	90°20'	102°08'	176°51'	41°07'
09.08.2028	136°57'	357°01'	2°57'	151°24'	91°16'	102°48'	177°02'	41°08'
10.08.2028	137°54'	8°53'	14°50'	153°10'	92°13'	103°27'	177°13'	41°10'
11.08.2028	138°52'	20°49'	26°50'	154°54'	93°10'	104°07'	177°25'	41°11'
12.08.2028	139°49'	32°53'	38°59'	156°37'	94°08'	104°46'	177°36'	41°12'
13.08.2028	140°47'	45°09'	51°23'	158°18'	95°06'	105°25'	177°47'	41°13'
14.08.2028	141°44'	57°41'	64°04'	159°58'	96°05'	106°05'	177°59'	41°14'
15.08.2028	142°42'	70°33'	77°08'	161°36'	97°04'	106°44'	178°11'	41°15'

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16.08.2028	143°40'	83°49'	90°37'	163°12'	98°03'	107°23'	178°22'	41°16'
17.08.2028	144°37'	97°31'	104°33'	164°48'	99°03'	108°02'	178°34'	41°17'
18.08.2028	145°35'	111°41'	118°56'	166°21'	100°03'	108°41'	178°46'	41°17'
19.08.2028	146°33'	126°16'	133°42'	167°54'	101°03'	109°20'	178°58'	41°18'
20.08.2028	147°31'	141°11'	148°44'	169°24'	102°04'	109°59'	179°09'	41°18'
21.08.2028	148°28'	156°20'	163°55'	170°54'	103°05'	110°38'	179°21'	41°19'
22.08.2028	149°26'	171°31'	179°05'	172°21'	104°07'	111°17'	179°33'	41°19'
23.08.2028	150°24'	186°35'	194°02'	173°48'	105°08'	111°56'	179°45'	41°19'
24.08.2028	151°22'	201°24'	208°41'	175°12'	106°10'	112°35'	179°57'	41°19'
25.08.2028	152°20'	215°51'	222°54'	176°35'	107°13'	113°13'	180°10'	41°19'
26.08.2028	153°18'	229°51'	236°42'	177°57'	108°15'	113°52'	180°22'	41°18'
27.08.2028	154°16'	243°26'	250°04'	179°17'	109°18'	114°30'	180°34'	41°18'
28.08.2028	155°14'	256°36'	263°03'	180°35'	110°22'	115°09'	180°46'	41°17'
29.08.2028	156°12'	269°25'	275°42'	181°52'	111°25'	115°47'	180°58'	41°17'
30.08.2028	157°09'	281°56'	288°05'	183°06'	112°29'	116°26'	181°11'	41°16'
31.08.2028	158°07'	294°12'	300°17'	184°19'	113°33'	117°04'	181°23'	41°15'
01.09.2028	159°06'	306°19'	312°20'	185°30'	114°37'	117°42'	181°36'	41°14'
02.09.2028	160°04'	318°18'	324°16'	186°39'	115°41'	118°21'	181°48'	41°13'
03.09.2028	161°02'	330°13'	336°09'	187°46'	116°46'	118°59'	182°00'	41°12'
04.09.2028	162°00'	342°05'	348°01'	188°51'	117°51'	119°37'	182°13'	41°11'
05.09.2028	162°58'	353°57'	359°52'	189°53'	118°56'	120°15'	182°26'	41°10'
06.09.2028	163°56'	5°49'	11°46'	190°53'	120°02'	120°53'	182°38'	41°08'
07.09.2028	164°54'	17°43'	23°42'	191°50'	121°08'	121°31'	182°51'	41°07'
08.09.2028	165°52'	29°43'	35°45'	192°45'	122°13'	122°09'	183°03'	41°05'
09.09.2028	166°51'	41°49'	47°56'	193°36'	123°20'	122°46'	183°16'	41°03'
10.09.2028	167°49'	54°05'	60°18'	194°25'	124°26'	123°24'	183°29'	41°02'
11.09.2028	168°47'	66°35'	72°57'	195°10'	125°33'	124°02'	183°41'	41°00'
12.09.2028	169°46'	79°23'	85°54'	195°51'	126°39'	124°39'	183°54'	40°58'
13.09.2028	170°44'	92°32'	99°15'	196°28'	127°46'	125°17'	184°07'	40°56'
14.09.2028	171°43'	106°06'	113°03'	197°02'	128°53'	125°55'	184°20'	40°53'
15.09.2028	172°41'	120°07'	127°18'	197°31'	130°01'	126°32'	184°33'	40°51'
16.09.2028	173°40'	134°35'	141°59'	197°55'	131°08'	127°09'	184°45'	40°49'
17.09.2028	174°38'	149°27'	157°01'	198°13'	132°16'	127°47'	184°58'	40°46'
18.09.2028	175°37'	164°38'	172°17'	198°27'	133°24'	128°24'	185°11'	40°44'
19.09.2028	176°35'	179°56'	187°35'	198°34'	134°32'	129°01'	185°24'	40°41'
20.09.2028	177°34'	195°12'	202°45'	198°35'	135°40'	129°38'	185°37'	40°38'
21.09.2028	178°33'	210°13'	217°36'	198°30'	136°48'	130°15'	185°50'	40°35'
22.09.2028	179°31'	224°52'	232°01'	198°18'	137°57'	130°52'	186°03'	40°32'
23.09.2028	180°30'	239°03'	245°57'	197°58'	139°06'	131°29'	186°16'	40°29'
24.09.2028	181°29'	252°43'	259°23'	197°32'	140°14'	132°06'	186°29'	40°26'
25.09.2028	182°27'	265°56'	272°22'	196°58'	141°23'	132°43'	186°42'	40°23'
26.09.2028	183°26'	278°43'	284°59'	196°17'	142°33'	133°20'	186°55'	40°20'
27.09.2028	184°25'	291°10'	297°17'	195°29'	143°42'	133°56'	187°08'	40°16'
28.09.2028	185°24'	303°21'	309°22'	194°35'	144°51'	134°33'	187°21'	40°13'
29.09.2028	186°23'	315°21'	321°19'	193°36'	146°01'	135°09'	187°33'	40°09'
30.09.2028	187°22'	327°15'	333°11'	192°32'	147°11'	135°46'	187°46'	40°06'
01.10.2028	188°21'	339°06'	345°01'	191°25'	148°20'	136°22'	187°59'	40°02'
02.10.2028	189°20'	350°57'	356°53'	190°16'	149°30'	136°59'	188°12'	39°58'
03.10.2028	190°19'	2°50'	8°47'	189°08'	150°41'	137°35'	188°25'	39°54'
04.10.2028	191°18'	14°46'	20°46'	188°02'	151°51'	138°11'	188°38'	39°51'
05.10.2028	192°17'	26°47'	32°50'	186°59'	153°01'	138°47'	188°51'	39°47'
06.10.2028	193°16'	38°55'	45°01'	186°03'	154°12'	139°23'	189°04'	39°43'
07.10.2028	194°15'	51°09'	57°20'	185°13'	155°22'	139°59'	189°17'	39°39'
08.10.2028	195°14'	63°33'	69°49'	184°32'	156°33'	140°35'	189°30'	39°34'
09.10.2028	196°14'	76°08'	82°30'	184°01'	157°44'	141°11'	189°43'	39°30'

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10.10.2028	197°13'	88°57'	95°27'	183°40'	158°55'	141°46'	189°56'	39°26'
11.10.2028	198°12'	102°03'	108°43'	183°30'	160°06'	142°22'	190°09'	39°22'
12.10.2028	199°12'	115°30'	122°22'	183°31'	161°17'	142°58'	190°22'	39°17'
13.10.2028	200°11'	129°20'	136°24'	183°42'	162°29'	143°33'	190°35'	39°13'
14.10.2028	201°10'	143°34'	150°50'	184°04'	163°40'	144°09'	190°48'	39°09'
15.10.2028	202°10'	158°11'	165°37'	184°35'	164°52'	144°44'	191°01'	39°04'
16.10.2028	203°09'	173°07'	180°40'	185°16'	166°03'	145°19'	191°14'	38°59'
17.10.2028	204°09'	188°15'	195°50'	186°06'	167°15'	145°54'	191°26'	38°55'
18.10.2028	205°09'	203°25'	210°56'	187°03'	168°27'	146°30'	191°39'	38°50'
19.10.2028	206°08'	218°25'	225°48'	188°06'	169°39'	147°05'	191°52'	38°46'
20.10.2028	207°08'	233°06'	240°18'	189°16'	170°51'	147°39'	192°05'	38°41'
21.10.2028	208°07'	247°23'	254°20'	190°31'	172°03'	148°14'	192°18'	38°36'
22.10.2028	209°07'	261°10'	267°52'	191°51'	173°15'	148°49'	192°30'	38°32'
23.10.2028	210°07'	274°28'	280°57'	193°14'	174°28'	149°24'	192°43'	38°27'
24.10.2028	211°07'	287°19'	293°36'	194°41'	175°40'	149°58'	192°56'	38°22'
25.10.2028	212°06'	299°48'	305°56'	196°10'	176°53'	150°33'	193°08'	38°17'
26.10.2028	213°06'	312°00'	318°01'	197°42'	178°05'	151°07'	193°21'	38°12'
27.10.2028	214°06'	324°00'	329°57'	199°15'	179°18'	151°41'	193°34'	38°08'
28.10.2028	215°06'	335°52'	341°48'	200°50'	180°31'	152°16'	193°46'	38°03'
29.10.2028	216°06'	347°43'	353°38'	202°27'	181°44'	152°50'	193°59'	37°58'
30.10.2028	217°06'	359°34'	5°32'	204°04'	182°56'	153°24'	194°11'	37°53'
31.10.2028	218°06'	11°30'	17°31'	205°41'	184°09'	153°58'	194°24'	37°48'
01.11.2028	219°06'	23°33'	29°37'	207°20'	185°22'	154°31'	194°36'	37°43'
02.11.2028	220°06'	35°44'	41°52'	208°58'	186°36'	155°05'	194°48'	37°39'
03.11.2028	221°06'	48°03'	54°17'	210°37'	187°49'	155°39'	195°01'	37°34'
04.11.2028	222°06'	60°32'	66°50'	212°15'	189°02'	156°12'	195°13'	37°29'
05.11.2028	223°06'	73°11'	79°34'	213°54'	190°15'	156°46'	195°25'	37°24'
06.11.2028	224°06'	86°00'	92°29'	215°33'	191°29'	157°19'	195°37'	37°19'
07.11.2028	225°06'	99°01'	105°37'	217°11'	192°42'	157°52'	195°49'	37°15'
08.11.2028	226°07'	112°15'	118°58'	218°50'	193°56'	158°25'	196°02'	37°10'
09.11.2028	227°07'	125°44'	132°35'	220°28'	195°09'	158°58'	196°14'	37°05'
10.11.2028	228°07'	139°30'	146°29'	222°06'	196°23'	159°31'	196°26'	37°00'
11.11.2028	229°07'	153°33'	160°40'	223°43'	197°37'	160°04'	196°38'	36°56'
12.11.2028	230°08'	167°52'	175°08'	225°21'	198°51'	160°36'	196°49'	36°51'
13.11.2028	231°08'	182°27'	189°48'	226°58'	200°04'	161°09'	197°01'	36°46'
14.11.2028	232°09'	197°11'	204°34'	228°34'	201°18'	161°41'	197°13'	36°42'
15.11.2028	233°09'	211°58'	219°20'	230°11'	202°32'	162°14'	197°25'	36°37'
16.11.2028	234°09'	226°39'	233°56'	231°47'	203°46'	162°46'	197°36'	36°33'
17.11.2028	235°10'	241°08'	248°15'	233°23'	205°00'	163°18'	197°48'	36°28'
18.11.2028	236°11'	255°17'	262°13'	234°59'	206°14'	163°50'	198°00'	36°24'
19.11.2028	237°11'	269°02'	275°45'	236°34'	207°29'	164°21'	198°11'	36°20'
20.11.2028	238°12'	282°22'	288°52'	238°09'	208°43'	164°53'	198°22'	36°15'
21.11.2028	239°12'	295°17'	301°36'	239°44'	209°57'	165°24'	198°34'	36°11'
22.11.2028	240°13'	307°50'	314°00'	241°19'	211°11'	165°56'	198°45'	36°07'
23.11.2028	241°13'	320°05'	326°08'	242°53'	212°26'	166°27'	198°56'	36°03'
24.11.2028	242°14'	332°07'	338°05'	244°28'	213°40'	166°58'	199°07'	35°59'
25.11.2028	243°15'	344°02'	349°57'	246°02'	214°54'	167°29'	199°18'	35°55'
26.11.2028	244°16'	355°53'	1°49'	247°36'	216°09'	168°00'	199°29'	35°51'
27.11.2028	245°16'	7°46'	13°45'	249°10'	217°23'	168°30'	199°40'	35°47'
28.11.2028	246°17'	19°45'	25°48'	250°44'	218°38'	169°01'	199°51'	35°43'
29.11.2028	247°18'	31°53'	38°01'	252°18'	219°52'	169°31'	200°02'	35°39'
30.11.2028	248°18'	44°12'	50°27'	253°51'	221°07'	170°01'	200°12'	35°35'
01.12.2028	249°19'	56°45'	63°06'	255°25'	222°21'	170°31'	200°23'	35°32'
02.12.2028	250°20'	69°30'	75°58'	256°58'	223°36'	171°01'	200°33'	35°28'
03.12.2028	251°21'	82°29'	89°04'	258°32'	224°51'	171°30'	200°43'	35°25'

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04.12.2028	252°22'	95°41'	102°22'	260°05'	226°05'	172°00'	200°54'	35°22'
05.12.2028	253°23'	109°05'	115°51'	261°38'	227°20'	172°29'	201°04'	35°18'
06.12.2028	254°23'	122°39'	129°30'	263°12'	228°35'	172°58'	201°14'	35°15'
07.12.2028	255°24'	136°24'	143°20'	264°45'	229°49'	173°27'	201°24'	35°12'
08.12.2028	256°25'	150°18'	157°18'	266°18'	231°04'	173°56'	201°34'	35°09'
09.12.2028	257°26'	164°21'	171°25'	267°51'	232°19'	174°24'	201°44'	35°06'
10.12.2028	258°27'	178°31'	185°39'	269°24'	233°34'	174°53'	201°53'	35°03'
11.12.2028	259°28'	192°47'	199°56'	270°57'	234°49'	175°21'	202°03'	35°00'
12.12.2028	260°29'	207°06'	214°15'	272°30'	236°04'	175°49'	202°13'	34°58'
13.12.2028	261°30'	221°24'	228°31'	274°03'	237°19'	176°17'	202°22'	34°55'
14.12.2028	262°31'	235°36'	242°39'	275°36'	238°34'	176°44'	202°31'	34°53'
15.12.2028	263°32'	249°39'	256°35'	277°08'	239°49'	177°11'	202°40'	34°50'
16.12.2028	264°33'	263°27'	270°14'	278°40'	241°04'	177°39'	202°49'	34°48'
17.12.2028	265°34'	276°57'	283°36'	280°12'	242°19'	178°05'	202°58'	34°46'
18.12.2028	266°35'	290°09'	296°37'	281°43'	243°34'	178°32'	203°07'	34°44'
19.12.2028	267°37'	303°00'	309°19'	283°14'	244°49'	178°58'	203°16'	34°42'
20.12.2028	268°38'	315°33'	321°44'	284°44'	246°04'	179°25'	203°24'	34°40'
21.12.2028	269°39'	327°50'	333°54'	286°14'	247°19'	179°51'	203°33'	34°38'
22.12.2028	270°40'	339°55'	345°54'	287°42'	248°34'	180°16'	203°41'	34°37'
23.12.2028	271°41'	351°51'	357°47'	289°09'	249°49'	180°42'	203°49'	34°35'
24.12.2028	272°42'	3°43'	9°39'	290°35'	251°04'	181°07'	203°58'	34°34'
25.12.2028	273°43'	15°36'	21°35'	291°59'	252°19'	181°32'	204°06'	34°32'
26.12.2028	274°44'	27°36'	33°39'	293°20'	253°34'	181°56'	204°13'	34°31'
27.12.2028	275°45'	39°45'	45°55'	294°40'	254°49'	182°21'	204°21'	34°30'
28.12.2028	276°47'	52°08'	58°26'	295°56'	256°04'	182°45'	204°29'	34°29'
29.12.2028	277°48'	64°48'	71°15'	297°09'	257°19'	183°08'	204°36'	34°28'
30.12.2028	278°49'	77°46'	84°23'	298°18'	258°35'	183°32'	204°43'	34°27'
31.12.2028	279°50'	91°04'	97°49'	299°23'	259°50'	183°55'	204°51'	34°27'
01.01.2029	280°51'	104°39'	111°32'	300°22'	261°05'	184°18'	204°58'	34°26'
02.01.2029	281°52'	118°30'	125°30'	301°15'	262°20'	184°41'	205°04'	34°26'
03.01.2029	282°53'	132°33'	139°39'	302°01'	263°35'	185°03'	205°11'	34°25'
04.01.2029	283°55'	146°45'	153°54'	302°39'	264°50'	185°25'	205°18'	34°25'
05.01.2029	284°56'	161°02'	168°11'	303°08'	266°06'	185°47'	205°24'	34°25'
06.01.2029	285°57'	175°20'	182°28'	303°28'	267°21'	186°08'	205°31'	34°25'
07.01.2029	286°58'	189°35'	196°41'	303°37'	268°36'	186°29'	205°37'	34°25'
08.01.2029	287°59'	203°45'	210°48'	303°35'	269°51'	186°49'	205°43'	34°25'
09.01.2029	289°00'	217°48'	224°47'	303°22'	271°06'	187°10'	205°49'	34°26'
10.01.2029	290°01'	231°43'	238°36'	302°56'	272°22'	187°29'	205°54'	34°26'
11.01.2029	291°03'	245°27'	252°15'	302°19'	273°37'	187°49'	206°00'	34°27'
12.01.2029	292°04'	259°00'	265°42'	301°31'	274°52'	188°08'	206°05'	34°27'
13.01.2029	293°05'	272°20'	278°56'	300°33'	276°07'	188°27'	206°10'	34°28'
14.01.2029	294°06'	285°28'	291°56'	299°26'	277°23'	188°45'	206°15'	34°29'
15.01.2029	295°07'	298°21'	304°43'	298°13'	278°38'	189°03'	206°20'	34°30'
16.01.2029	296°08'	311°01'	317°16'	296°56'	279°53'	189°20'	206°25'	34°31'
17.01.2029	297°09'	323°27'	329°36'	295°38'	281°08'	189°37'	206°30'	34°32'
18.01.2029	298°10'	335°41'	341°44'	294°20'	282°24'	189°54'	206°34'	34°34'
19.01.2029	299°12'	347°45'	353°43'	293°05'	283°39'	190°10'	206°38'	34°35'
20.01.2029	300°13'	359°41'	5°37'	291°55'	284°54'	190°25'	206°42'	34°37'
21.01.2029	301°14'	11°33'	17°29'	290°52'	286°09'	190°40'	206°46'	34°38'
22.01.2029	302°15'	23°25'	29°23'	289°57'	287°25'	190°55'	206°50'	34°40'
23.01.2029	303°16'	35°22'	41°24'	289°10'	288°40'	191°09'	206°53'	34°42'
24.01.2029	304°17'	47°29'	53°38'	288°33'	289°55'	191°23'	206°57'	34°44'
25.01.2029	305°18'	59°50'	66°07'	288°05'	291°10'	191°36'	207°00'	34°46'
26.01.2029	306°19'	72°30'	78°57'	287°45'	292°25'	191°49'	207°03'	34°48'
27.01.2029	307°20'	85°31'	92°11'	287°35'	293°41'	192°01'	207°05'	34°51'

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28.01.2029	308°21'	98°57'	105°49'	287°33'	294°56'	192°12'	207°08'	34°53'
29.01.2029	309°22'	112°47'	119°51'	287°38'	296°11'	192°23'	207°11'	34°56'
30.01.2029	310°23'	127°00'	134°13'	287°51'	297°26'	192°34'	207°13'	34°58'
31.01.2029	311°24'	141°30'	148°51'	288°10'	298°41'	192°44'	207°15'	35°01'
01.02.2029	312°24'	156°13'	163°36'	288°36'	299°57'	192°53'	207°17'	35°04'
02.02.2029	313°25'	171°00'	178°22'	289°07'	301°12'	193°02'	207°18'	35°07'
03.02.2029	314°26'	185°43'	193°01'	289°44'	302°27'	193°10'	207°20'	35°10'
04.02.2029	315°27'	200°16'	207°28'	290°25'	303°42'	193°17'	207°21'	35°13'
05.02.2029	316°28'	214°35'	221°38'	291°10'	304°57'	193°24'	207°23'	35°16'
06.02.2029	317°29'	228°37'	235°31'	291°59'	306°13'	193°30'	207°23'	35°20'
07.02.2029	318°29'	242°21'	249°06'	292°52'	307°28'	193°36'	207°24'	35°23'
08.02.2029	319°30'	255°48'	262°25'	293°48'	308°43'	193°41'	207°25'	35°27'
09.02.2029	320°31'	268°59'	275°29'	294°47'	309°58'	193°45'	207°25'	35°30'
10.02.2029	321°32'	281°56'	288°19'	295°48'	311°13'	193°48'	207°25'	35°34'
11.02.2029	322°32'	294°40'	300°58'	296°52'	312°28'	193°51'	207°25'	35°38'
12.02.2029	323°33'	307°14'	313°27'	297°59'	313°44'	193°53'	207°25'	35°42'
13.02.2029	324°34'	319°37'	325°46'	299°08'	314°59'	193°55'	207°25'	35°46'
14.02.2029	325°35'	331°52'	337°56'	300°18'	316°14'	193°55'	207°24'	35°50'
15.02.2029	326°35'	343°58'	349°59'	301°31'	317°29'	193°55'	207°24'	35°54'
16.02.2029	327°36'	355°58'	1°56'	302°45'	318°44'	193°54'	207°23'	35°58'
17.02.2029	328°36'	7°52'	13°48'	304°01'	319°59'	193°53'	207°21'	36°03'
18.02.2029	329°37'	19°44'	25°39'	305°18'	321°14'	193°50'	207°20'	36°07'
19.02.2029	330°37'	31°35'	37°32'	306°37'	322°29'	193°47'	207°19'	36°12'
20.02.2029	331°38'	43°30'	49°30'	307°57'	323°45'	193°43'	207°17'	36°16'
21.02.2029	332°38'	55°33'	61°39'	309°19'	325°00'	193°39'	207°15'	36°21'
22.02.2029	333°39'	67°49'	74°04'	310°42'	326°15'	193°33'	207°13'	36°26'
23.02.2029	334°39'	80°23'	86°49'	312°06'	327°30'	193°27'	207°11'	36°31'
24.02.2029	335°40'	93°20'	99°58'	313°31'	328°45'	193°20'	207°08'	36°35'
25.02.2029	336°40'	106°43'	113°35'	314°58'	330°00'	193°12'	207°06'	36°41'
26.02.2029	337°40'	120°35'	127°41'	316°25'	331°15'	193°04'	207°03'	36°46'
27.02.2029	338°41'	134°55'	142°14'	317°54'	332°30'	192°54'	207°00'	36°51'
28.02.2029	339°41'	149°39'	157°09'	319°24'	333°45'	192°44'	206°57'	36°56'
01.03.2029	340°41'	164°42'	172°17'	320°55'	335°00'	192°33'	206°53'	37°01'
02.03.2029	341°41'	179°53'	187°29'	322°27'	336°15'	192°22'	206°50'	37°07'
03.03.2029	342°41'	195°02'	202°33'	324°00'	337°30'	192°09'	206°46'	37°12'
04.03.2029	343°42'	209°59'	217°20'	325°34'	338°45'	191°56'	206°42'	37°18'
05.03.2029	344°42'	224°36'	231°45'	327°10'	340°00'	191°43'	206°38'	37°23'
06.03.2029	345°42'	238°49'	245°45'	328°46'	341°14'	191°28'	206°34'	37°29'
07.03.2029	346°42'	252°36'	259°20'	330°23'	342°29'	191°13'	206°30'	37°35'
08.03.2029	347°42'	265°59'	272°32'	332°02'	343°44'	190°57'	206°25'	37°41'
09.03.2029	348°42'	279°01'	285°24'	333°42'	344°59'	190°40'	206°21'	37°47'
10.03.2029	349°42'	291°44'	298°01'	335°23'	346°14'	190°23'	206°16'	37°53'
11.03.2029	350°42'	304°14'	310°24'	337°04'	347°29'	190°05'	206°11'	37°59'
12.03.2029	351°42'	316°32'	322°38'	338°48'	348°44'	189°46'	206°06'	38°05'
13.03.2029	352°42'	328°42'	334°44'	340°32'	349°59'	189°27'	206°00'	38°11'
14.03.2029	353°42'	340°45'	346°45'	342°17'	351°13'	189°07'	205°55'	38°17'
15.03.2029	354°41'	352°43'	358°41'	344°04'	352°28'	188°47'	205°49'	38°23'
16.03.2029	355°41'	4°38'	10°34'	345°52'	353°43'	188°26'	205°44'	38°30'
17.03.2029	356°41'	16°30'	22°26'	347°41'	354°58'	188°05'	205°38'	38°36'
18.03.2029	357°41'	28°22'	34°18'	349°31'	356°13'	187°44'	205°32'	38°42'
19.03.2029	358°40'	40°14'	46°12'	351°22'	357°27'	187°22'	205°26'	38°49'
20.03.2029	359°40'	52°10'	58°11'	353°15'	358°42'	187°00'	205°20'	38°55'
21.03.2029	0°40'	64°13'	70°19'	355°09'	359°57'	186°37'	205°13'	39°02'
22.03.2029	1°39'	76°28'	82°40'	357°04'	1°11'	186°14'	205°07'	39°09'
23.03.2029	2°39'	88°57'	95°20'	359°00'	2°26'	185°51'	205°00'	39°15'

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24.03.2029	3°38'	101°48'	108°22'	0°57'	3°41'	185°28'	204°54'	39°22'
25.03.2029	4°38'	115°03'	121°51'	2°56'	4°55'	185°05'	204°47'	39°29'
26.03.2029	5°37'	128°47'	135°50'	4°55'	6°10'	184°41'	204°40'	39°36'
27.03.2029	6°37'	143°01'	150°19'	6°56'	7°25'	184°18'	204°33'	39°42'
28.03.2029	7°36'	157°43'	165°13'	8°57'	8°39'	183°55'	204°26'	39°49'
29.03.2029	8°35'	172°48'	180°26'	10°59'	9°54'	183°31'	204°19'	39°56'
30.03.2029	9°35'	188°07'	195°48'	13°01'	11°08'	183°08'	204°12'	40°03'
31.03.2029	10°34'	203°28'	211°06'	15°05'	12°23'	182°45'	204°04'	40°10'
01.04.2029	11°33'	218°40'	226°10'	17°08'	13°37'	182°22'	203°57'	40°17'
02.04.2029	12°32'	233°33'	240°51'	19°11'	14°52'	182°00'	203°50'	40°24'
03.04.2029	13°31'	248°01'	255°03'	21°14'	16°06'	181°37'	203°42'	40°32'
04.04.2029	14°30'	261°59'	268°47'	23°16'	17°21'	181°15'	203°35'	40°39'
05.04.2029	15°30'	275°28'	282°03'	25°18'	18°35'	180°54'	203°27'	40°46'
06.04.2029	16°29'	288°32'	294°55'	27°18'	19°49'	180°32'	203°20'	40°53'
07.04.2029	17°28'	301°14'	307°27'	29°17'	21°04'	180°11'	203°12'	41°01'
08.04.2029	18°27'	313°38'	319°45'	31°13'	22°18'	179°51'	203°05'	41°08'
09.04.2029	19°26'	325°49'	331°51'	33°08'	23°33'	179°31'	202°57'	41°15'
10.04.2029	20°25'	337°51'	343°49'	34°59'	24°47'	179°11'	202°49'	41°23'
11.04.2029	21°24'	349°47'	355°44'	36°48'	26°01'	178°53'	202°42'	41°30'
12.04.2029	22°22'	1°40'	7°36'	38°33'	27°16'	178°34'	202°34'	41°37'
13.04.2029	23°21'	13°31'	19°27'	40°15'	28°30'	178°17'	202°26'	41°45'
14.04.2029	24°20'	25°24'	31°20'	41°52'	29°44'	178°00'	202°18'	41°52'
15.04.2029	25°19'	37°17'	43°15'	43°25'	30°58'	177°43'	202°11'	42°00'
16.04.2029	26°18'	49°14'	55°15'	44°54'	32°13'	177°28'	202°03'	42°07'
17.04.2029	27°16'	61°16'	67°20'	46°18'	33°27'	177°13'	201°55'	42°15'
18.04.2029	28°15'	73°25'	79°33'	47°38'	34°41'	176°59'	201°48'	42°22'
19.04.2029	29°14'	85°44'	91°59'	48°52'	35°55'	176°45'	201°40'	42°30'
20.04.2029	30°12'	98°17'	104°40'	50°01'	37°09'	176°32'	201°33'	42°38'
21.04.2029	31°11'	111°07'	117°40'	51°05'	38°24'	176°21'	201°25'	42°45'
22.04.2029	32°09'	124°18'	131°03'	52°03'	39°38'	176°09'	201°18'	42°53'
23.04.2029	33°08'	137°54'	144°52'	52°56'	40°52'	175°59'	201°10'	43°00'
24.04.2029	34°06'	151°57'	159°08'	53°44'	42°06'	175°49'	201°03'	43°08'
25.04.2029	35°05'	166°26'	173°49'	54°26'	43°20'	175°41'	200°55'	43°16'
26.04.2029	36°03'	181°18'	188°51'	55°02'	44°34'	175°33'	200°48'	43°23'
27.04.2029	37°02'	196°27'	204°04'	55°32'	45°48'	175°25'	200°41'	43°31'
28.04.2029	38°00'	211°42'	219°18'	55°57'	47°02'	175°19'	200°34'	43°39'
29.04.2029	38°58'	226°53'	234°23'	56°16'	48°16'	175°13'	200°27'	43°46'
30.04.2029	39°57'	241°49'	249°09'	56°30'	49°30'	175°09'	200°20'	43°54'
01.05.2029	40°55'	256°23'	263°30'	56°38'	50°44'	175°04'	200°13'	44°02'
02.05.2029	41°53'	270°30'	277°22'	56°40'	51°58'	175°01'	200°06'	44°10'
03.05.2029	42°51'	284°08'	290°46'	56°37'	53°12'	174°59'	200°00'	44°17'
04.05.2029	43°49'	297°18'	303°44'	56°30'	54°25'	174°57'	199°53'	44°25'
05.05.2029	44°48'	310°04'	316°20'	56°17'	55°39'	174°56'	199°47'	44°33'
06.05.2029	45°46'	322°31'	328°38'	56°00'	56°53'	174°56'	199°40'	44°40'
07.05.2029	46°44'	334°42'	340°43'	55°38'	58°07'	174°56'	199°34'	44°48'
08.05.2029	47°42'	346°42'	352°40'	55°13'	59°21'	174°58'	199°28'	44°56'
09.05.2029	48°40'	358°36'	4°32'	54°45'	60°34'	175°00'	199°22'	45°04'
10.05.2029	49°38'	10°27'	16°23'	54°13'	61°48'	175°02'	199°16'	45°11'
11.05.2029	50°36'	22°19'	28°16'	53°40'	63°02'	175°06'	199°11'	45°19'
12.05.2029	51°34'	34°13'	40°12'	53°05'	64°16'	175°10'	199°05'	45°27'
13.05.2029	52°32'	46°12'	52°13'	52°30'	65°29'	175°15'	199°00'	45°34'
14.05.2029	53°30'	58°17'	64°22'	51°54'	66°43'	175°20'	198°54'	45°42'
15.05.2029	54°28'	70°29'	76°39'	51°18'	67°57'	175°27'	198°49'	45°50'
16.05.2029	55°26'	82°51'	89°05'	50°43'	69°10'	175°34'	198°44'	45°57'
17.05.2029	56°23'	95°22'	101°43'	50°10'	70°24'	175°41'	198°39'	46°05'

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18.05.2029	57°21'	108°07'	114°34'	49°39'	71°38'	175°49'	198°34'	46°13'
19.05.2029	58°19'	121°06'	127°42'	49°11'	72°51'	175°58'	198°30'	46°20'
20.05.2029	59°17'	134°22'	141°07'	48°46'	74°05'	176°08'	198°26'	46°28'
21.05.2029	60°15'	147°58'	154°53'	48°24'	75°18'	176°18'	198°21'	46°35'
22.05.2029	61°12'	161°53'	168°59'	48°05'	76°32'	176°29'	198°17'	46°43'
23.05.2029	62°10'	176°09'	183°24'	47°51'	77°46'	176°40'	198°13'	46°51'
24.05.2029	63°08'	190°43'	198°06'	47°41'	78°59'	176°52'	198°09'	46°58'
25.05.2029	64°05'	205°31'	212°58'	47°35'	80°12'	177°05'	198°06'	47°06'
26.05.2029	65°03'	220°25'	227°52'	47°34'	81°26'	177°18'	198°02'	47°13'
27.05.2029	66°00'	235°18'	242°42'	47°37'	82°39'	177°31'	197°59'	47°21'
28.05.2029	66°58'	250°02'	257°18'	47°44'	83°53'	177°45'	197°56'	47°28'
29.05.2029	67°56'	264°28'	271°34'	47°57'	85°06'	178°00'	197°53'	47°35'
30.05.2029	68°53'	278°33'	285°26'	48°13'	86°19'	178°15'	197°50'	47°43'
31.05.2029	69°51'	292°13'	298°53'	48°34'	87°33'	178°31'	197°48'	47°50'
01.06.2029	70°48'	305°28'	311°56'	49°00'	88°46'	178°47'	197°45'	47°57'
02.06.2029	71°46'	318°19'	324°37'	49°29'	89°59'	179°04'	197°43'	48°05'
03.06.2029	72°43'	330°50'	336°58'	50°03'	91°13'	179°21'	197°41'	48°12'
04.06.2029	73°41'	343°04'	349°06'	50°41'	92°26'	179°38'	197°39'	48°19'
05.06.2029	74°38'	355°06'	1°04'	51°22'	93°39'	179°56'	197°38'	48°27'
06.06.2029	75°35'	7°01'	12°57'	52°08'	94°52'	180°15'	197°36'	48°34'
07.06.2029	76°33'	18°53'	24°49'	52°58'	96°06'	180°34'	197°35'	48°41'
08.06.2029	77°30'	30°46'	36°44'	53°51'	97°19'	180°53'	197°34'	48°48'
09.06.2029	78°28'	42°44'	48°45'	54°47'	98°32'	181°13'	197°33'	48°55'
10.06.2029	79°25'	54°48'	60°54'	55°48'	99°45'	181°33'	197°32'	49°02'
11.06.2029	80°23'	67°03'	73°14'	56°51'	100°58'	181°54'	197°31'	49°09'
12.06.2029	81°20'	79°29'	85°46'	57°58'	102°11'	182°15'	197°31'	49°16'
13.06.2029	82°17'	92°07'	98°30'	59°09'	103°25'	182°36'	197°30'	49°23'
14.06.2029	83°15'	104°58'	111°28'	60°23'	104°38'	182°58'	197°30'	49°30'
15.06.2029	84°12'	118°02'	124°39'	61°39'	105°51'	183°20'	197°31'	49°37'
16.06.2029	85°09'	131°20'	138°04'	63°00'	107°04'	183°43'	197°31'	49°44'
17.06.2029	86°07'	144°52'	151°43'	64°23'	108°17'	184°06'	197°31'	49°50'
18.06.2029	87°04'	158°37'	165°35'	65°49'	109°30'	184°29'	197°32'	49°57'
19.06.2029	88°01'	172°35'	179°39'	67°19'	110°43'	184°53'	197°33'	50°04'
20.06.2029	88°58'	186°45'	193°54'	68°51'	111°56'	185°17'	197°34'	50°10'
21.06.2029	89°56'	201°05'	208°17'	70°27'	113°08'	185°41'	197°35'	50°17'
22.06.2029	90°53'	215°31'	222°45'	72°05'	114°21'	186°06'	197°36'	50°23'
23.06.2029	91°50'	229°59'	237°13'	73°47'	115°34'	186°31'	197°38'	50°30'
24.06.2029	92°47'	244°26'	251°37'	75°31'	116°47'	186°56'	197°40'	50°36'
25.06.2029	93°45'	258°45'	265°50'	77°19'	118°00'	187°22'	197°41'	50°43'
26.06.2029	94°42'	272°52'	279°50'	79°09'	119°13'	187°48'	197°44'	50°49'
27.06.2029	95°39'	286°43'	293°31'	81°02'	120°25'	188°14'	197°46'	50°55'
28.06.2029	96°36'	300°14'	306°52'	82°57'	121°38'	188°41'	197°48'	51°01'
29.06.2029	97°33'	313°25'	319°53'	84°55'	122°51'	189°07'	197°51'	51°08'
30.06.2029	98°31'	326°16'	332°34'	86°56'	124°03'	189°35'	197°54'	51°14'
01.07.2029	99°28'	338°48'	344°58'	88°58'	125°16'	190°02'	197°56'	51°20'
02.07.2029	100°25'	351°04'	357°08'	91°02'	126°29'	190°30'	198°00'	51°26'
03.07.2029	101°22'	3°08'	9°07'	93°08'	127°41'	190°57'	198°03'	51°32'
04.07.2029	102°19'	15°05'	21°01'	95°16'	128°54'	191°26'	198°06'	51°37'
05.07.2029	103°17'	26°58'	32°54'	97°24'	130°06'	191°54'	198°10'	51°43'
06.07.2029	104°14'	38°52'	44°51'	99°33'	131°19'	192°23'	198°14'	51°49'
07.07.2029	105°11'	50°52'	56°55'	101°43'	132°31'	192°52'	198°17'	51°55'
08.07.2029	106°08'	63°01'	69°10'	103°53'	133°44'	193°21'	198°22'	52°00'
09.07.2029	107°05'	75°23'	81°40'	106°03'	134°56'	193°50'	198°26'	52°06'
10.07.2029	108°03'	88°01'	94°27'	108°13'	136°09'	194°20'	198°30'	52°11'
11.07.2029	109°00'	100°56'	107°30'	110°22'	137°21'	194°50'	198°35'	52°17'

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12.07.2029	109°57'	114°09'	120°51'	112°31'	138°33'	195°20'	198°39'	52°22'
13.07.2029	110°54'	127°38'	134°28'	114°38'	139°46'	195°51'	198°44'	52°27'
14.07.2029	111°52'	141°22'	148°18'	116°45'	140°58'	196°21'	198°49'	52°32'
15.07.2029	112°49'	155°18'	162°19'	118°50'	142°10'	196°52'	198°54'	52°37'
16.07.2029	113°46'	169°23'	176°28'	120°53'	143°22'	197°23'	199°00'	52°42'
17.07.2029	114°43'	183°34'	190°41'	122°55'	144°35'	197°55'	199°05'	52°47'
18.07.2029	115°41'	197°48'	204°55'	124°56'	145°47'	198°26'	199°11'	52°52'
19.07.2029	116°38'	212°02'	219°08'	126°55'	146°59'	198°58'	199°17'	52°57'
20.07.2029	117°35'	226°13'	233°17'	128°52'	148°11'	199°30'	199°22'	53°02'
21.07.2029	118°32'	240°20'	247°21'	130°47'	149°23'	200°02'	199°29'	53°06'
22.07.2029	119°30'	254°20'	261°17'	132°41'	150°35'	200°34'	199°35'	53°11'
23.07.2029	120°27'	268°12'	275°04'	134°33'	151°47'	201°07'	199°41'	53°15'
24.07.2029	121°24'	281°53'	288°39'	136°23'	152°59'	201°39'	199°48'	53°20'
25.07.2029	122°22'	295°22'	302°01'	138°12'	154°11'	202°12'	199°54'	53°24'
26.07.2029	123°19'	308°36'	315°08'	139°58'	155°22'	202°45'	200°01'	53°28'
27.07.2029	124°16'	321°36'	327°59'	141°43'	156°34'	203°19'	200°08'	53°33'
28.07.2029	125°13'	334°19'	340°35'	143°26'	157°46'	203°52'	200°15'	53°37'
29.07.2029	126°11'	346°47'	352°56'	145°08'	158°58'	204°26'	200°22'	53°41'
30.07.2029	127°08'	359°01'	5°04'	146°47'	160°09'	205°00'	200°29'	53°45'
31.07.2029	128°05'	11°05'	17°03'	148°25'	161°21'	205°34'	200°36'	53°48'
01.08.2029	129°03'	23°01'	28°57'	150°02'	162°32'	206°08'	200°44'	53°52'
02.08.2029	130°00'	34°53'	40°49'	151°36'	163°44'	206°42'	200°52'	53°56'
03.08.2029	130°58'	46°46'	52°45'	153°09'	164°55'	207°17'	200°59'	53°59'
04.08.2029	131°55'	58°46'	64°50'	154°40'	166°07'	207°51'	201°07'	54°03'
05.08.2029	132°53'	70°57'	77°07'	156°09'	167°18'	208°26'	201°15'	54°06'
06.08.2029	133°50'	83°23'	89°43'	157°37'	168°30'	209°01'	201°23'	54°09'
07.08.2029	134°48'	96°08'	102°39'	159°03'	169°41'	209°36'	201°32'	54°13'
08.08.2029	135°45'	109°15'	115°57'	160°27'	170°52'	210°12'	201°40'	54°16'
09.08.2029	136°43'	122°45'	129°38'	161°49'	172°03'	210°47'	201°49'	54°19'
10.08.2029	137°40'	136°37'	143°40'	163°09'	173°15'	211°23'	201°57'	54°21'
11.08.2029	138°38'	150°47'	157°58'	164°28'	174°26'	211°59'	202°06'	54°24'
12.08.2029	139°35'	165°11'	172°27'	165°44'	175°37'	212°35'	202°15'	54°27'
13.08.2029	140°33'	179°43'	186°59'	166°59'	176°48'	213°11'	202°24'	54°30'
14.08.2029	141°31'	194°16'	201°30'	168°11'	177°59'	213°47'	202°33'	54°32'
15.08.2029	142°28'	208°43'	215°54'	169°22'	179°09'	214°24'	202°42'	54°34'
16.08.2029	143°26'	223°02'	230°07'	170°30'	180°20'	215°00'	202°51'	54°37'
17.08.2029	144°24'	237°09'	244°08'	171°35'	181°31'	215°37'	203°00'	54°39'
18.08.2029	145°21'	251°04'	257°56'	172°39'	182°42'	216°14'	203°10'	54°41'
19.08.2029	146°19'	264°45'	271°31'	173°40'	183°52'	216°51'	203°19'	54°43'
20.08.2029	147°17'	278°15'	284°55'	174°38'	185°03'	217°28'	203°29'	54°45'
21.08.2029	148°14'	291°32'	298°06'	175°33'	186°14'	218°05'	203°39'	54°47'
22.08.2029	149°12'	304°37'	311°06'	176°25'	187°24'	218°43'	203°48'	54°48'
23.08.2029	150°10'	317°31'	323°54'	177°15'	188°34'	219°20'	203°58'	54°50'
24.08.2029	151°08'	330°14'	336°31'	178°01'	189°45'	219°58'	204°08'	54°51'
25.08.2029	152°06'	342°44'	348°56'	178°43'	190°55'	220°36'	204°18'	54°53'
26.08.2029	153°03'	355°04'	1°09'	179°22'	192°05'	221°14'	204°29'	54°54'
27.08.2029	154°01'	7°13'	13°14'	179°57'	193°15'	221°52'	204°39'	54°55'
28.08.2029	154°59'	19°12'	25°10'	180°27'	194°25'	222°30'	204°49'	54°56'
29.08.2029	155°57'	31°06'	37°01'	180°54'	195°35'	223°08'	205°00'	54°57'
30.08.2029	156°55'	42°56'	48°52'	181°15'	196°45'	223°47'	205°10'	54°58'
31.08.2029	157°53'	54°48'	60°45'	181°32'	197°55'	224°25'	205°21'	54°59'
01.09.2029	158°51'	66°45'	72°48'	181°43'	199°05'	225°04'	205°32'	55°00'
02.09.2029	159°49'	78°53'	85°03'	181°49'	200°14'	225°43'	205°42'	55°00'
03.09.2029	160°47'	91°18'	97°38'	181°49'	201°24'	226°22'	205°53'	55°00'
04.09.2029	161°46'	104°04'	110°36'	181°43'	202°33'	227°01'	206°04'	55°01'

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05.09.2029	162°44'	117°15'	124°01'	181°31'	203°43'	227°40'	206°15'	55°01'
06.09.2029	163°42'	130°54'	137°53'	181°13'	204°52'	228°20'	206°26'	55°01'
07.09.2029	164°40'	144°59'	152°11'	180°48'	206°01'	228°59'	206°37'	55°01'
08.09.2029	165°38'	159°29'	166°51'	180°16'	207°11'	229°39'	206°49'	55°01'
09.09.2029	166°37'	174°16'	181°44'	179°39'	208°20'	230°18'	207°00'	55°01'
10.09.2029	167°35'	189°13'	196°42'	178°56'	209°29'	230°58'	207°11'	55°00'
11.09.2029	168°33'	204°10'	211°36'	178°07'	210°38'	231°38'	207°23'	55°00'
12.09.2029	169°32'	218°59'	226°18'	177°13'	211°46'	232°18'	207°34'	54°59'
13.09.2029	170°30'	233°32'	240°41'	176°16'	212°55'	232°58'	207°46'	54°59'
14.09.2029	171°28'	247°46'	254°45'	175°15'	214°04'	233°39'	207°57'	54°58'
15.09.2029	172°27'	261°39'	268°29'	174°14'	215°12'	234°19'	208°09'	54°57'
16.09.2029	173°25'	275°13'	281°53'	173°11'	216°21'	234°59'	208°21'	54°56'
17.09.2029	174°24'	288°29'	295°01'	172°10'	217°29'	235°40'	208°33'	54°55'
18.09.2029	175°22'	301°30'	307°55'	171°12'	218°37'	236°21'	208°44'	54°54'
19.09.2029	176°21'	314°17'	320°36'	170°18'	219°45'	237°02'	208°56'	54°52'
20.09.2029	177°20'	326°53'	333°07'	169°29'	220°53'	237°42'	209°08'	54°51'
21.09.2029	178°18'	339°19'	345°28'	168°47'	222°01'	238°23'	209°20'	54°50'
22.09.2029	179°17'	351°36'	357°41'	168°13'	223°09'	239°05'	209°32'	54°48'
23.09.2029	180°16'	3°44'	9°46'	167°48'	224°16'	239°46'	209°45'	54°46'
24.09.2029	181°14'	15°46'	21°44'	167°33'	225°24'	240°27'	209°57'	54°44'
25.09.2029	182°13'	27°41'	33°37'	167°27'	226°31'	241°09'	210°09'	54°43'
26.09.2029	183°12'	39°32'	45°26'	167°31'	227°38'	241°50'	210°21'	54°40'
27.09.2029	184°11'	51°21'	57°15'	167°45'	228°45'	242°32'	210°34'	54°38'
28.09.2029	185°09'	63°11'	69°08'	168°09'	229°52'	243°13'	210°46'	54°36'
29.09.2029	186°08'	75°07'	81°08'	168°43'	230°59'	243°55'	210°58'	54°34'
30.09.2029	187°07'	87°13'	93°21'	169°25'	232°05'	244°37'	211°11'	54°31'
01.10.2029	188°06'	99°34'	105°52'	170°16'	233°12'	245°19'	211°23'	54°29'
02.10.2029	189°05'	112°16'	118°46'	171°15'	234°18'	246°01'	211°36'	54°26'
03.10.2029	190°04'	125°23'	132°08'	172°21'	235°24'	246°43'	211°48'	54°24'
04.10.2029	191°03'	138°59'	145°59'	173°33'	236°30'	247°26'	212°01'	54°21'
05.10.2029	192°02'	153°06'	160°20'	174°51'	237°36'	248°08'	212°14'	54°18'
06.10.2029	193°02'	167°40'	175°07'	176°13'	238°42'	248°51'	212°26'	54°15'
07.10.2029	194°01'	182°38'	190°13'	177°40'	239°47'	249°33'	212°39'	54°12'
08.10.2029	195°00'	197°50'	205°27'	179°11'	240°52'	250°16'	212°52'	54°09'
09.10.2029	195°59'	213°05'	220°40'	180°45'	241°57'	250°59'	213°05'	54°06'
10.10.2029	196°59'	228°12'	235°40'	182°21'	243°02'	251°41'	213°17'	54°02'
11.10.2029	197°58'	243°03'	250°21'	183°59'	244°07'	252°24'	213°30'	53°59'
12.10.2029	198°57'	257°32'	264°36'	185°39'	245°11'	253°07'	213°43'	53°55'
13.10.2029	199°57'	271°35'	278°26'	187°20'	246°15'	253°51'	213°56'	53°52'
14.10.2029	200°56'	285°12'	291°52'	189°02'	247°19'	254°34'	214°09'	53°48'
15.10.2029	201°56'	298°26'	304°56'	190°45'	248°23'	255°17'	214°22'	53°45'
16.10.2029	202°55'	311°20'	317°41'	192°28'	249°27'	256°00'	214°35'	53°41'
17.10.2029	203°55'	323°58'	330°11'	194°12'	250°30'	256°44'	214°48'	53°37'
18.10.2029	204°54'	336°22'	342°29'	195°55'	251°33'	257°27'	215°01'	53°33'
19.10.2029	205°54'	348°35'	354°39'	197°39'	252°36'	258°11'	215°14'	53°29'
20.10.2029	206°53'	0°41'	6°41'	199°22'	253°38'	258°55'	215°27'	53°25'
21.10.2029	207°53'	12°40'	18°38'	201°05'	254°40'	259°38'	215°40'	53°21'
22.10.2029	208°53'	24°35'	30°31'	202°48'	255°42'	260°22'	215°53'	53°17'
23.10.2029	209°52'	36°27'	42°22'	204°30'	256°43'	261°06'	216°06'	53°12'
24.10.2029	210°52'	48°17'	54°12'	206°12'	257°44'	261°50'	216°19'	53°08'
25.10.2029	211°52'	60°07'	66°03'	207°54'	258°45'	262°34'	216°32'	53°04'
26.10.2029	212°51'	72°00'	77°58'	209°35'	259°46'	263°18'	216°45'	52°59'
27.10.2029	213°51'	83°59'	90°01'	211°15'	260°46'	264°03'	216°58'	52°55'
28.10.2029	214°51'	96°06'	102°15'	212°55'	261°46'	264°47'	217°11'	52°51'
29.10.2029	215°51'	108°28'	114°45'	214°35'	262°45'	265°31'	217°25'	52°46'

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30.10.2029	216°51'	121°07'	127°35'	216°14'	263°44'	266°16'	217°38'	52°41'
31.10.2029	217°51'	134°09'	140°49'	217°52'	264°42'	267°00'	217°51'	52°37'
01.11.2029	218°51'	147°37'	154°32'	219°30'	265°40'	267°45'	218°04'	52°32'
02.11.2029	219°51'	161°34'	168°43'	221°08'	266°38'	268°29'	218°17'	52°27'
03.11.2029	220°51'	175°59'	183°21'	222°45'	267°35'	269°14'	218°30'	52°23'
04.11.2029	221°51'	190°49'	198°21'	224°22'	268°32'	269°59'	218°43'	52°18'
05.11.2029	222°51'	205°57'	213°35'	225°58'	269°28'	270°44'	218°57'	52°13'
06.11.2029	223°52'	221°14'	228°53'	227°34'	270°24'	271°29'	219°10'	52°08'
07.11.2029	224°52'	236°29'	244°03'	229°09'	271°19'	272°14'	219°23'	52°04'
08.11.2029	225°52'	251°32'	258°55'	230°44'	272°14'	272°59'	219°36'	51°59'
09.11.2029	226°52'	266°13'	273°25'	232°19'	273°08'	273°44'	219°49'	51°54'
10.11.2029	227°53'	280°29'	287°27'	233°53'	274°01'	274°29'	220°02'	51°49'
11.11.2029	228°53'	294°18'	301°02'	235°27'	274°54'	275°14'	220°15'	51°44'
12.11.2029	229°53'	307°39'	314°10'	237°01'	275°46'	276°00'	220°28'	51°39'
13.11.2029	230°54'	320°36'	326°57'	238°34'	276°38'	276°45'	220°41'	51°34'
14.11.2029	231°54'	333°13'	339°25'	240°07'	277°28'	277°31'	220°54'	51°29'
15.11.2029	232°54'	345°33'	351°38'	241°40'	278°18'	278°16'	221°07'	51°25'
16.11.2029	233°55'	357°41'	3°41'	243°12'	279°07'	279°02'	221°20'	51°20'
17.11.2029	234°55'	9°40'	15°37'	244°45'	279°56'	279°47'	221°33'	51°15'
18.11.2029	235°56'	21°33'	27°29'	246°17'	280°43'	280°33'	221°46'	51°10'
19.11.2029	236°56'	33°24'	39°19'	247°48'	281°30'	281°19'	221°59'	51°05'
20.11.2029	237°57'	45°15'	51°11'	249°20'	282°15'	282°04'	222°12'	51°00'
21.11.2029	238°57'	57°07'	63°04'	250°51'	283°00'	282°50'	222°25'	50°55'
22.11.2029	239°58'	69°03'	75°02'	252°22'	283°44'	283°36'	222°38'	50°51'
23.11.2029	240°59'	81°03'	87°06'	253°52'	284°26'	284°22'	222°51'	50°46'
24.11.2029	241°59'	93°11'	99°19'	255°23'	285°08'	285°08'	223°04'	50°41'
25.11.2029	243°00'	105°29'	111°42'	256°53'	285°48'	285°54'	223°16'	50°36'
26.11.2029	244°00'	117°58'	124°19'	258°23'	286°28'	286°40'	223°29'	50°32'
27.11.2029	245°01'	130°43'	137°12'	259°52'	287°06'	287°26'	223°42'	50°27'
28.11.2029	246°02'	143°46'	150°25'	261°21'	287°43'	288°12'	223°55'	50°22'
29.11.2029	247°03'	157°09'	163°59'	262°50'	288°18'	288°58'	224°07'	50°18'
30.11.2029	248°03'	170°55'	177°57'	264°18'	288°52'	289°45'	224°20'	50°13'
01.12.2029	249°04'	185°04'	192°17'	265°46'	289°25'	290°31'	224°32'	50°09'
02.12.2029	250°05'	199°35'	206°58'	267°13'	289°56'	291°17'	224°45'	50°04'
03.12.2029	251°06'	214°24'	221°54'	268°39'	290°25'	292°04'	224°57'	50°00'
04.12.2029	252°07'	229°25'	236°57'	270°04'	290°53'	292°50'	225°10'	49°56'
05.12.2029	253°08'	244°28'	251°58'	271°29'	291°20'	293°36'	225°22'	49°51'
06.12.2029	254°09'	259°26'	266°49'	272°52'	291°44'	294°23'	225°35'	49°47'
07.12.2029	255°10'	274°09'	281°23'	274°14'	292°07'	295°09'	225°47'	49°43'
08.12.2029	256°11'	288°31'	295°33'	275°34'	292°28'	295°56'	225°59'	49°39'
09.12.2029	257°11'	302°28'	309°17'	276°53'	292°47'	296°43'	226°11'	49°35'
10.12.2029	258°12'	315°59'	322°35'	278°10'	293°04'	297°29'	226°24'	49°31'
11.12.2029	259°13'	329°04'	335°28'	279°24'	293°19'	298°16'	226°36'	49°27'
12.12.2029	260°14'	341°46'	348°00'	280°35'	293°32'	299°03'	226°48'	49°23'
13.12.2029	261°15'	354°09'	0°15'	281°43'	293°43'	299°49'	227°00'	49°19'
14.12.2029	262°16'	6°17'	12°17'	282°47'	293°51'	300°36'	227°12'	49°15'
15.12.2029	263°17'	18°14'	24°10'	283°47'	293°57'	301°23'	227°23'	49°12'
16.12.2029	264°18'	30°06'	36°00'	284°42'	294°00'	302°10'	227°35'	49°08'
17.12.2029	265°20'	41°55'	47°50'	285°31'	294°02'	302°57'	227°47'	49°05'
18.12.2029	266°21'	53°46'	59°43'	286°14'	294°00'	303°44'	227°59'	49°02'
19.12.2029	267°22'	65°42'	71°43'	286°49'	293°57'	304°30'	228°10'	48°58'
20.12.2029	268°23'	77°46'	83°51'	287°16'	293°50'	305°17'	228°22'	48°55'
21.12.2029	269°24'	89°58'	96°08'	287°34'	293°42'	306°04'	228°33'	48°52'
22.12.2029	270°25'	102°22'	108°38'	287°42'	293°30'	306°51'	228°45'	48°49'
23.12.2029	271°26'	114°57'	121°19'	287°39'	293°17'	307°38'	228°56'	48°46'

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24.12.2029	272°27'	127°44'	134°13'	287°25'	293°00'	308°25'	229°07'	48°43'
25.12.2029	273°28'	140°46'	147°21'	286°59'	292°42'	309°12'	229°18'	48°40'
26.12.2029	274°29'	154°01'	160°44'	286°21'	292°21'	309°59'	229°30'	48°38'
27.12.2029	275°30'	167°30'	174°21'	285°32'	291°58'	310°46'	229°41'	48°35'
28.12.2029	276°31'	181°15'	188°13'	284°33'	291°32'	311°34'	229°52'	48°33'
29.12.2029	277°33'	195°14'	202°19'	283°24'	291°05'	312°21'	230°02'	48°30'
30.12.2029	278°34'	209°27'	216°38'	282°09'	290°36'	313°08'	230°13'	48°28'
31.12.2029	279°35'	223°52'	231°08'	280°49'	290°05'	313°55'	230°24'	48°26'
01.01.2030	280°36'	238°25'	245°44'	279°27'	289°33'	314°42'	230°34'	48°24'
02.01.2030	281°37'	253°02'	260°21'	278°07'	288°59'	315°29'	230°45'	48°22'
03.01.2030	282°38'	267°38'	274°53'	276°49'	288°24'	316°16'	230°55'	48°20'
04.01.2030	283°40'	282°05'	289°14'	275°37'	287°49'	317°04'	231°06'	48°18'
05.01.2030	284°41'	296°19'	303°19'	274°33'	287°13'	317°51'	231°16'	48°17'
06.01.2030	285°42'	310°14'	317°03'	273°37'	286°36'	318°38'	231°26'	48°15'
07.01.2030	286°43'	323°47'	330°24'	272°51'	286°00'	319°25'	231°36'	48°14'
08.01.2030	287°44'	336°56'	343°22'	272°15'	285°23'	320°13'	231°46'	48°12'
09.01.2030	288°46'	349°43'	355°59'	271°49'	284°47'	321°00'	231°56'	48°11'
10.01.2030	289°47'	2°10'	8°17'	271°33'	284°11'	321°47'	232°06'	48°10'
11.01.2030	290°48'	14°20'	20°21'	271°26'	283°37'	322°34'	232°15'	48°09'
12.01.2030	291°49'	26°19'	32°15'	271°29'	283°03'	323°22'	232°25'	48°08'
13.01.2030	292°50'	38°10'	44°05'	271°39'	282°31'	324°09'	232°34'	48°08'
14.01.2030	293°51'	49°59'	55°55'	271°57'	282°00'	324°56'	232°44'	48°07'
15.01.2030	294°52'	61°51'	67°50'	272°22'	281°31'	325°43'	232°53'	48°06'
16.01.2030	295°53'	73°51'	79°54'	272°53'	281°04'	326°30'	233°02'	48°06'
17.01.2030	296°54'	86°01'	92°11'	273°30'	280°39'	327°18'	233°11'	48°06'
18.01.2030	297°56'	98°25'	104°43'	274°12'	280°16'	328°05'	233°20'	48°05'
19.01.2030	298°57'	111°05'	117°30'	274°58'	279°55'	328°52'	233°28'	48°05'
20.01.2030	299°58'	124°01'	130°35'	275°49'	279°37'	329°39'	233°37'	48°05'
21.01.2030	300°59'	137°13'	143°54'	276°43'	279°21'	330°27'	233°45'	48°06'
22.01.2030	302°00'	150°39'	157°28'	277°41'	279°08'	331°14'	233°54'	48°06'
23.01.2030	303°01'	164°19'	171°12'	278°42'	278°57'	332°01'	234°02'	48°06'
24.01.2030	304°02'	178°08'	185°05'	279°45'	278°48'	332°48'	234°10'	48°07'
25.01.2030	305°03'	192°05'	199°05'	280°51'	278°42'	333°35'	234°18'	48°07'
26.01.2030	306°04'	206°07'	213°10'	281°59'	278°39'	334°23'	234°26'	48°08'
27.01.2030	307°05'	220°13'	227°18'	283°10'	278°38'	335°10'	234°34'	48°09'
28.01.2030	308°06'	234°22'	241°27'	284°22'	278°39'	335°57'	234°41'	48°10'
29.01.2030	309°07'	248°32'	255°37'	285°36'	278°43'	336°44'	234°49'	48°11'
30.01.2030	310°08'	262°42'	269°46'	286°52'	278°49'	337°31'	234°56'	48°12'
31.01.2030	311°09'	276°48'	283°49'	288°09'	278°58'	338°18'	235°03'	48°13'
01.02.2030	312°10'	290°49'	297°46'	289°27'	279°08'	339°06'	235°10'	48°15'
02.02.2030	313°11'	304°40'	311°31'	290°47'	279°21'	339°53'	235°17'	48°16'
03.02.2030	314°11'	318°18'	325°01'	292°08'	279°36'	340°40'	235°24'	48°18'
04.02.2030	315°12'	331°40'	338°15'	293°30'	279°54'	341°27'	235°30'	48°19'
05.02.2030	316°13'	344°44'	351°09'	294°53'	280°13'	342°14'	235°37'	48°21'
06.02.2030	317°14'	357°29'	3°45'	296°17'	280°34'	343°01'	235°43'	48°23'
07.02.2030	318°15'	9°56'	16°04'	297°43'	280°56'	343°48'	235°49'	48°25'
08.02.2030	319°16'	22°07'	28°08'	299°09'	281°21'	344°35'	235°55'	48°27'
09.02.2030	320°16'	34°06'	40°03'	300°36'	281°47'	345°22'	236°01'	48°30'
10.02.2030	321°17'	45°58'	51°52'	302°04'	282°15'	346°09'	236°07'	48°32'
11.02.2030	322°18'	57°47'	63°42'	303°33'	282°45'	346°56'	236°12'	48°35'
12.02.2030	323°19'	69°38'	75°37'	305°03'	283°16'	347°43'	236°18'	48°37'
13.02.2030	324°19'	81°38'	87°43'	306°34'	283°49'	348°30'	236°23'	48°40'
14.02.2030	325°20'	93°51'	100°04'	308°06'	284°23'	349°16'	236°28'	48°43'
15.02.2030	326°20'	106°22'	112°44'	309°39'	284°58'	350°03'	236°33'	48°46'
16.02.2030	327°21'	119°13'	125°46'	311°12'	285°35'	350°50'	236°38'	48°49'

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17.02.2030	328°22'	132°26'	139°10'	312°46'	286°13'	351°37'	236°42'	48°52'
18.02.2030	329°22'	146°00'	152°54'	314°22'	286°52'	352°24'	236°46'	48°55'
19.02.2030	330°23'	159°53'	166°56'	315°58'	287°32'	353°10'	236°51'	48°58'
20.02.2030	331°23'	174°01'	181°09'	317°35'	288°14'	353°57'	236°55'	49°01'
21.02.2030	332°24'	188°18'	195°29'	319°13'	288°56'	354°44'	236°59'	49°05'
22.02.2030	333°24'	202°39'	209°49'	320°52'	289°40'	355°30'	237°02'	49°09'
23.02.2030	334°24'	216°59'	224°07'	322°32'	290°25'	356°17'	237°06'	49°12'
24.02.2030	335°25'	231°13'	238°18'	324°13'	291°10'	357°03'	237°09'	49°16'
25.02.2030	336°25'	245°21'	252°22'	325°54'	291°57'	357°50'	237°12'	49°20'
26.02.2030	337°26'	259°21'	266°18'	327°37'	292°44'	358°36'	237°15'	49°24'
27.02.2030	338°26'	273°12'	280°05'	329°21'	293°32'	359°23'	237°18'	49°28'
28.02.2030	339°26'	286°55'	293°44'	331°06'	294°21'	0°09'	237°21'	49°32'
01.03.2030	340°26'	300°30'	307°13'	332°51'	295°11'	0°56'	237°23'	49°36'
02.03.2030	341°27'	313°55'	320°33'	334°38'	296°02'	1°42'	237°25'	49°41'
03.03.2030	342°27'	327°09'	333°42'	336°26'	296°53'	2°29'	237°27'	49°45'
04.03.2030	343°27'	340°11'	346°38'	338°15'	297°45'	3°15'	237°29'	49°49'
05.03.2030	344°27'	353°00'	359°19'	340°05'	298°38'	4°01'	237°31'	49°54'
06.03.2030	345°27'	5°35'	11°47'	341°56'	299°31'	4°47'	237°33'	49°59'
07.03.2030	346°27'	17°55'	24°00'	343°48'	300°25'	5°34'	237°34'	50°03'
08.03.2030	347°28'	30°02'	36°02'	345°41'	301°20'	6°20'	237°35'	50°08'
09.03.2030	348°28'	41°59'	47°55'	347°35'	302°15'	7°06'	237°36'	50°13'
10.03.2030	349°28'	53°50'	59°43'	349°30'	303°10'	7°52'	237°37'	50°18'
11.03.2030	350°28'	65°37'	71°32'	351°26'	304°06'	8°38'	237°37'	50°23'
12.03.2030	351°27'	77°27'	83°25'	353°23'	305°03'	9°24'	237°38'	50°28'
13.03.2030	352°27'	89°26'	95°30'	355°20'	306°00'	10°10'	237°38'	50°34'
14.03.2030	353°27'	101°38'	107°51'	357°18'	306°57'	10°56'	237°38'	50°39'
15.03.2030	354°27'	114°09'	120°33'	359°17'	307°55'	11°42'	237°38'	50°44'
16.03.2030	355°27'	127°03'	133°40'	1°16'	308°54'	12°28'	237°37'	50°50'
17.03.2030	356°27'	140°23'	147°13'	3°15'	309°53'	13°13'	237°37'	50°55'
18.03.2030	357°26'	154°10'	161°12'	5°14'	310°52'	13°59'	237°36'	51°01'
19.03.2030	358°26'	168°21'	175°34'	7°13'	311°52'	14°45'	237°35'	51°07'
20.03.2030	359°26'	182°52'	190°12'	9°11'	312°52'	15°31'	237°34'	51°12'
21.03.2030	0°25'	197°35'	204°59'	11°08'	313°52'	16°16'	237°33'	51°18'
22.03.2030	1°25'	212°23'	219°46'	13°04'	314°53'	17°02'	237°31'	51°24'
23.03.2030	2°24'	227°07'	234°26'	14°59'	315°54'	17°47'	237°30'	51°30'
24.03.2030	3°24'	241°41'	248°53'	16°51'	316°55'	18°33'	237°28'	51°36'
25.03.2030	4°23'	256°01'	263°05'	18°41'	317°57'	19°18'	237°26'	51°42'
26.03.2030	5°23'	270°05'	277°01'	20°28'	318°59'	20°04'	237°24'	51°48'
27.03.2030	6°22'	283°53'	290°41'	22°11'	320°02'	20°49'	237°21'	51°54'
28.03.2030	7°22'	297°25'	304°06'	23°51'	321°04'	21°34'	237°19'	52°00'
29.03.2030	8°21'	310°43'	317°17'	25°26'	322°07'	22°20'	237°16'	52°07'
30.03.2030	9°20'	323°48'	330°16'	26°58'	323°11'	23°05'	237°13'	52°13'
31.03.2030	10°20'	336°41'	343°03'	28°24'	324°14'	23°50'	237°10'	52°19'
01.04.2030	11°19'	349°22'	355°39'	29°45'	325°18'	24°35'	237°07'	52°26'
02.04.2030	12°18'	1°53'	8°04'	31°00'	326°22'	25°20'	237°03'	52°32'
03.04.2030	13°17'	14°12'	20°18'	32°09'	327°26'	26°05'	236°59'	52°39'
04.04.2030	14°16'	26°22'	32°23'	33°13'	328°30'	26°50'	236°56'	52°46'
05.04.2030	15°16'	38°22'	44°19'	34°10'	329°35'	27°35'	236°52'	52°52'
06.04.2030	16°15'	50°14'	56°09'	35°00'	330°40'	28°20'	236°48'	52°59'
07.04.2030	17°14'	62°02'	67°56'	35°44'	331°45'	29°05'	236°43'	53°06'
08.04.2030	18°13'	73°49'	79°43'	36°22'	332°50'	29°50'	236°39'	53°13'
09.04.2030	19°12'	85°39'	91°36'	36°52'	333°55'	30°35'	236°34'	53°20'
10.04.2030	20°11'	97°36'	103°39'	37°16'	335°01'	31°19'	236°29'	53°26'
11.04.2030	21°10'	109°46'	115°58'	37°34'	336°07'	32°04'	236°25'	53°33'
12.04.2030	22°08'	122°14'	128°37'	37°44'	337°13'	32°49'	236°19'	53°40'

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13.04.2030	23°07'	135°06'	141°41'	37°48'	338°19'	33°33'	236°14'	53°47'
14.04.2030	24°06'	148°24'	155°14'	37°45'	339°25'	34°18'	236°09'	53°54'
15.04.2030	25°05'	162°11'	169°15'	37°37'	340°31'	35°02'	236°03'	54°02'
16.04.2030	26°04'	176°26'	183°43'	37°22'	341°38'	35°46'	235°58'	54°09'
17.04.2030	27°02'	191°06'	198°33'	37°03'	342°45'	36°31'	235°52'	54°16'
18.04.2030	28°01'	206°03'	213°36'	36°38'	343°51'	37°15'	235°46'	54°23'
19.04.2030	29°00'	221°10'	228°43'	36°09'	344°58'	37°59'	235°40'	54°30'
20.04.2030	29°58'	236°15'	243°45'	35°35'	346°06'	38°43'	235°34'	54°38'
21.04.2030	30°57'	251°11'	258°33'	34°59'	347°13'	39°28'	235°28'	54°45'
22.04.2030	31°55'	265°50'	273°02'	34°21'	348°20'	40°12'	235°21'	54°52'
23.04.2030	32°54'	280°08'	287°09'	33°40'	349°28'	40°56'	235°15'	55°00'
24.04.2030	33°52'	294°04'	300°53'	32°59'	350°36'	41°40'	235°08'	55°07'
25.04.2030	34°51'	307°37'	314°16'	32°18'	351°43'	42°24'	235°02'	55°15'
26.04.2030	35°49'	320°50'	327°20'	31°37'	352°51'	43°08'	234°55'	55°22'
27.04.2030	36°48'	333°46'	340°07'	30°58'	353°59'	43°51'	234°48'	55°30'
28.04.2030	37°46'	346°25'	352°40'	30°20'	355°07'	44°35'	234°41'	55°37'
29.04.2030	38°44'	358°51'	5°00'	29°45'	356°16'	45°19'	234°34'	55°45'
30.04.2030	39°43'	11°07'	17°11'	29°14'	357°24'	46°03'	234°27'	55°52'
01.05.2030	40°41'	23°13'	29°13'	28°45'	358°33'	46°46'	234°20'	56°00'
02.05.2030	41°39'	35°11'	41°08'	28°21'	359°41'	47°30'	234°13'	56°07'
03.05.2030	42°37'	47°04'	52°59'	28°01'	0°50'	48°13'	234°05'	56°15'
04.05.2030	43°36'	58°53'	64°46'	27°45'	1°58'	48°57'	233°58'	56°23'
05.05.2030	44°34'	70°40'	76°33'	27°34'	3°07'	49°40'	233°50'	56°30'
06.05.2030	45°32'	82°27'	88°23'	27°28'	4°16'	50°24'	233°43'	56°38'
07.05.2030	46°30'	94°19'	100°18'	27°26'	5°25'	51°07'	233°35'	56°46'
08.05.2030	47°28'	106°19'	112°23'	27°29'	6°34'	51°50'	233°28'	56°53'
09.05.2030	48°26'	118°30'	124°42'	27°37'	7°43'	52°34'	233°20'	57°01'
10.05.2030	49°24'	130°58'	137°19'	27°50'	8°52'	53°17'	233°13'	57°09'
11.05.2030	50°22'	143°46'	150°19'	28°07'	10°02'	54°00'	233°05'	57°16'
12.05.2030	51°20'	156°59'	163°46'	28°28'	11°11'	54°43'	232°57'	57°24'
13.05.2030	52°18'	170°39'	177°40'	28°54'	12°20'	55°26'	232°50'	57°32'
14.05.2030	53°16'	184°47'	192°01'	29°24'	13°30'	56°09'	232°42'	57°40'
15.05.2030	54°14'	199°21'	206°47'	29°58'	14°40'	56°52'	232°35'	57°47'
16.05.2030	55°12'	214°17'	221°50'	30°36'	15°49'	57°35'	232°27'	57°55'
17.05.2030	56°10'	229°26'	237°03'	31°17'	16°59'	58°18'	232°19'	58°03'
18.05.2030	57°07'	244°40'	252°15'	32°03'	18°09'	59°00'	232°12'	58°11'
19.05.2030	58°05'	259°48'	267°17'	32°52'	19°18'	59°43'	232°04'	58°18'
20.05.2030	59°03'	274°42'	282°02'	33°44'	20°28'	60°26'	231°57'	58°26'
21.05.2030	60°01'	289°15'	296°23'	34°40'	21°38'	61°08'	231°49'	58°34'
22.05.2030	60°58'	303°24'	310°18'	35°39'	22°48'	61°51'	231°42'	58°42'
23.05.2030	61°56'	317°06'	323°48'	36°41'	23°58'	62°33'	231°34'	58°50'
24.05.2030	62°54'	330°24'	336°54'	37°46'	25°08'	63°16'	231°27'	58°57'
25.05.2030	63°51'	343°18'	349°38'	38°54'	26°19'	63°58'	231°19'	59°05'
26.05.2030	64°49'	355°53'	2°05'	40°05'	27°29'	64°41'	231°12'	59°13'
27.05.2030	65°47'	8°12'	14°17'	41°19'	28°39'	65°23'	231°05'	59°21'
28.05.2030	66°44'	20°19'	26°18'	42°36'	29°50'	66°05'	230°58'	59°28'
29.05.2030	67°42'	32°16'	38°12'	43°55'	31°00'	66°48'	230°51'	59°36'
30.05.2030	68°40'	44°07'	50°01'	45°17'	32°10'	67°30'	230°44'	59°44'
31.05.2030	69°37'	55°55'	61°49'	46°41'	33°21'	68°12'	230°37'	59°51'
01.06.2030	70°35'	67°42'	73°36'	48°09'	34°32'	68°54'	230°30'	59°59'
02.06.2030	71°32'	79°31'	85°27'	49°38'	35°42'	69°36'	230°23'	60°07'
03.06.2030	72°30'	91°24'	97°22'	51°11'	36°53'	70°18'	230°16'	60°14'
04.06.2030	73°27'	103°22'	109°25'	52°46'	38°03'	71°00'	230°10'	60°22'
05.06.2030	74°25'	115°30'	121°37'	54°23'	39°14'	71°42'	230°03'	60°30'
06.06.2030	75°22'	127°48'	134°03'	56°03'	40°25'	72°24'	229°57'	60°37'

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07.06.2030	76°20'	140°21'	146°44'	57°46'	41°36'	73°05'	229°51'	60°45'
08.06.2030	77°17'	153°12'	159°44'	59°31'	42°47'	73°47'	229°45'	60°53'
09.06.2030	78°14'	166°23'	173°06'	61°19'	43°58'	74°29'	229°39'	61°00'
10.06.2030	79°12'	179°56'	186°51'	63°09'	45°09'	75°10'	229°33'	61°08'
11.06.2030	80°09'	193°53'	201°00'	65°01'	46°20'	75°52'	229°27'	61°15'
12.06.2030	81°06'	208°13'	215°32'	66°56'	47°31'	76°34'	229°22'	61°23'
13.06.2030	82°04'	222°54'	230°21'	68°53'	48°42'	77°15'	229°16'	61°30'
14.06.2030	83°01'	237°52'	245°24'	70°52'	49°53'	77°57'	229°11'	61°38'
15.06.2030	83°58'	252°57'	260°31'	72°54'	51°04'	78°38'	229°06'	61°45'
16.06.2030	84°56'	268°03'	275°33'	74°57'	52°15'	79°19'	229°01'	61°52'
17.06.2030	85°53'	283°00'	290°23'	77°03'	53°26'	80°01'	228°56'	62°00'
18.06.2030	86°50'	297°40'	304°52'	79°09'	54°38'	80°42'	228°51'	62°07'
19.06.2030	87°48'	311°58'	318°57'	81°18'	55°49'	81°23'	228°46'	62°14'
20.06.2030	88°45'	325°49'	332°35'	83°27'	57°00'	82°04'	228°42'	62°22'
21.06.2030	89°42'	339°14'	345°46'	85°38'	58°12'	82°45'	228°38'	62°29'
22.06.2030	90°39'	352°13'	358°33'	87°49'	59°23'	83°26'	228°33'	62°36'
23.06.2030	91°37'	4°49'	11°00'	90°00'	60°35'	84°07'	228°29'	62°43'
24.06.2030	92°34'	17°06'	23°09'	92°12'	61°46'	84°48'	228°26'	62°50'
25.06.2030	93°31'	29°10'	35°07'	94°23'	62°58'	85°29'	228°22'	62°57'
26.06.2030	94°28'	41°03'	46°58'	96°34'	64°09'	86°10'	228°18'	63°04'
27.06.2030	95°25'	52°51'	58°45'	98°44'	65°21'	86°51'	228°15'	63°11'
28.06.2030	96°23'	64°38'	70°32'	100°54'	66°33'	87°32'	228°12'	63°18'
29.06.2030	97°20'	76°27'	82°23'	103°02'	67°44'	88°13'	228°09'	63°25'
30.06.2030	98°17'	88°21'	94°20'	105°09'	68°56'	88°53'	228°06'	63°32'
01.07.2030	99°14'	100°22'	106°26'	107°14'	70°08'	89°34'	228°04'	63°39'
02.07.2030	100°12'	112°32'	118°41'	109°18'	71°20'	90°15'	228°01'	63°46'
03.07.2030	101°09'	124°53'	131°08'	111°21'	72°32'	90°55'	227°59'	63°53'
04.07.2030	102°06'	137°26'	143°47'	113°21'	73°43'	91°36'	227°57'	63°59'
05.07.2030	103°03'	150°12'	156°41'	115°20'	74°55'	92°16'	227°55'	64°06'
06.07.2030	104°01'	163°13'	169°49'	117°16'	76°07'	92°57'	227°53'	64°12'
07.07.2030	104°58'	176°29'	183°13'	119°11'	77°19'	93°37'	227°52'	64°19'
08.07.2030	105°55'	190°02'	196°55'	121°04'	78°31'	94°18'	227°50'	64°26'
09.07.2030	106°52'	203°52'	210°53'	122°55'	79°44'	94°58'	227°49'	64°32'
10.07.2030	107°49'	217°59'	225°09'	124°43'	80°56'	95°38'	227°48'	64°38'
11.07.2030	108°47'	232°22'	239°39'	126°30'	82°08'	96°18'	227°47'	64°45'
12.07.2030	109°44'	246°59'	254°22'	128°15'	83°20'	96°59'	227°47'	64°51'
13.07.2030	110°41'	261°45'	269°10'	129°58'	84°32'	97°39'	227°46'	64°57'
14.07.2030	111°38'	276°35'	283°58'	131°39'	85°44'	98°19'	227°46'	65°03'
15.07.2030	112°35'	291°20'	298°39'	133°18'	86°57'	98°59'	227°46'	65°10'
16.07.2030	113°33'	305°54'	313°04'	134°55'	88°09'	99°39'	227°46'	65°16'
17.07.2030	114°30'	320°09'	327°09'	136°30'	89°21'	100°19'	227°46'	65°22'
18.07.2030	115°27'	334°02'	340°49'	138°03'	90°34'	100°59'	227°47'	65°28'
19.07.2030	116°24'	347°29'	354°04'	139°34'	91°46'	101°39'	227°47'	65°33'
20.07.2030	117°22'	0°32'	6°54'	141°03'	92°59'	102°19'	227°48'	65°39'
21.07.2030	118°19'	13°10'	19°22'	142°30'	94°11'	102°58'	227°49'	65°45'
22.07.2030	119°16'	25°29'	31°32'	143°55'	95°24'	103°38'	227°50'	65°51'
23.07.2030	120°13'	37°32'	43°30'	145°18'	96°37'	104°18'	227°51'	65°56'
24.07.2030	121°11'	49°26'	55°20'	146°39'	97°49'	104°58'	227°53'	66°02'
25.07.2030	122°08'	61°14'	67°07'	147°57'	99°02'	105°37'	227°55'	66°07'
26.07.2030	123°05'	73°02'	78°57'	149°14'	100°15'	106°17'	227°56'	66°13'
27.07.2030	124°03'	84°54'	90°53'	150°28'	101°27'	106°56'	227°59'	66°18'
28.07.2030	125°00'	96°54'	102°58'	151°40'	102°40'	107°36'	228°01'	66°23'
29.07.2030	125°57'	109°05'	115°16'	152°49'	103°53'	108°16'	228°03'	66°29'
30.07.2030	126°55'	121°30'	127°47'	153°56'	105°06'	108°55'	228°06'	66°34'
31.07.2030	127°52'	134°08'	140°33'	155°00'	106°19'	109°34'	228°08'	66°39'

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01.08.2030	128°49'	147°01'	153°33'	156°02'	107°32'	110°14'	228°11'	66°44'
02.08.2030	129°47'	160°08'	166°46'	157°01'	108°45'	110°53'	228°14'	66°49'
03.08.2030	130°44'	173°27'	180°11'	157°57'	109°58'	111°33'	228°18'	66°53'
04.08.2030	131°42'	186°58'	193°48'	158°50'	111°11'	112°12'	228°21'	66°58'
05.08.2030	132°39'	200°40'	207°35'	159°40'	112°24'	112°51'	228°25'	67°03'
06.08.2030	133°37'	214°32'	221°31'	160°27'	113°37'	113°30'	228°29'	67°07'
07.08.2030	134°34'	228°33'	235°37'	161°10'	114°50'	114°09'	228°33'	67°12'
08.08.2030	135°32'	242°43'	249°51'	161°49'	116°04'	114°49'	228°37'	67°16'
09.08.2030	136°29'	257°01'	264°12'	162°25'	117°17'	115°28'	228°41'	67°21'
10.08.2030	137°27'	271°24'	278°37'	162°57'	118°30'	116°07'	228°45'	67°25'
11.08.2030	138°24'	285°49'	293°01'	163°24'	119°43'	116°46'	228°50'	67°29'
12.08.2030	139°22'	300°12'	307°20'	163°47'	120°57'	117°25'	228°55'	67°33'
13.08.2030	140°19'	314°26'	321°29'	164°05'	122°10'	118°04'	229°00'	67°37'
14.08.2030	141°17'	328°28'	335°22'	164°18'	123°24'	118°42'	229°05'	67°41'
15.08.2030	142°14'	342°11'	348°55'	164°27'	124°37'	119°21'	229°10'	67°45'
16.08.2030	143°12'	355°33'	2°05'	164°30'	125°51'	120°00'	229°15'	67°49'
17.08.2030	144°10'	8°32'	14°54'	164°27'	127°04'	120°39'	229°21'	67°52'
18.08.2030	145°07'	21°10'	27°22'	164°19'	128°18'	121°18'	229°26'	67°56'
19.08.2030	146°05'	33°29'	39°33'	164°06'	129°31'	121°56'	229°32'	67°59'
20.08.2030	147°03'	45°33'	51°31'	163°46'	130°45'	122°35'	229°38'	68°03'
21.08.2030	148°01'	57°26'	63°21'	163°21'	131°59'	123°14'	229°44'	68°06'
22.08.2030	148°58'	69°15'	75°09'	162°51'	133°12'	123°52'	229°51'	68°09'
23.08.2030	149°56'	81°04'	87°00'	162°15'	134°26'	124°31'	229°57'	68°12'
24.08.2030	150°54'	92°59'	99°00'	161°34'	135°40'	125°09'	230°03'	68°15'
25.08.2030	151°52'	105°04'	111°12'	160°49'	136°54'	125°48'	230°10'	68°18'
26.08.2030	152°50'	117°24'	123°41'	160°00'	138°08'	126°26'	230°17'	68°21'
27.08.2030	153°48'	130°01'	136°27'	159°08'	139°22'	127°05'	230°24'	68°23'
28.08.2030	154°46'	142°57'	149°32'	158°14'	140°36'	127°43'	230°31'	68°26'
29.08.2030	155°44'	156°11'	162°54'	157°19'	141°50'	128°22'	230°38'	68°29'
30.08.2030	156°42'	169°41'	176°31'	156°24'	143°04'	129°00'	230°46'	68°31'
31.08.2030	157°40'	183°25'	190°21'	155°29'	144°18'	129°38'	230°53'	68°33'
01.09.2030	158°38'	197°19'	204°19'	154°37'	145°32'	130°17'	231°01'	68°35'
02.09.2030	159°36'	211°20'	218°22'	153°49'	146°46'	130°55'	231°09'	68°37'
03.09.2030	160°34'	225°25'	232°28'	153°05'	148°00'	131°33'	231°16'	68°39'
04.09.2030	161°32'	239°31'	246°35'	152°27'	149°14'	132°11'	231°25'	68°41'
05.09.2030	162°30'	253°38'	260°41'	151°56'	150°28'	132°49'	231°33'	68°43'
06.09.2030	163°28'	267°44'	274°47'	151°31'	151°43'	133°27'	231°41'	68°45'
07.09.2030	164°26'	281°49'	288°51'	151°15'	152°57'	134°05'	231°49'	68°46'
08.09.2030	165°25'	295°52'	302°51'	151°07'	154°11'	134°43'	231°58'	68°48'
09.09.2030	166°23'	309°49'	316°45'	151°08'	155°25'	135°21'	232°06'	68°49'
10.09.2030	167°21'	323°38'	330°29'	151°18'	156°40'	135°59'	232°15'	68°50'
11.09.2030	168°19'	337°17'	344°01'	151°37'	157°54'	136°37'	232°24'	68°51'
12.09.2030	169°18'	350°41'	357°17'	152°05'	159°08'	137°15'	232°33'	68°52'
13.09.2030	170°16'	3°48'	10°15'	152°41'	160°23'	137°53'	232°42'	68°53'
14.09.2030	171°14'	16°37'	22°55'	153°26'	161°37'	138°31'	232°51'	68°54'
15.09.2030	172°13'	29°09'	35°18'	154°19'	162°52'	139°08'	233°01'	68°55'
16.09.2030	173°11'	41°24'	47°26'	155°20'	164°06'	139°46'	233°10'	68°55'
17.09.2030	174°10'	53°26'	59°23'	156°27'	165°21'	140°24'	233°20'	68°56'
18.09.2030	175°08'	65°18'	71°13'	157°41'	166°35'	141°01'	233°29'	68°56'
19.09.2030	176°07'	77°07'	83°01'	159°01'	167°50'	141°39'	233°39'	68°57'
20.09.2030	177°05'	88°56'	94°52'	160°26'	169°04'	142°17'	233°49'	68°57'
21.09.2030	178°04'	100°51'	106°53'	161°56'	170°19'	142°54'	233°59'	68°57'
22.09.2030	179°03'	112°58'	119°08'	163°29'	171°34'	143°32'	234°09'	68°57'
23.09.2030	180°01'	125°22'	131°41'	165°07'	172°48'	144°09'	234°19'	68°56'
24.09.2030	181°00'	138°06'	144°36'	166°47'	174°03'	144°47'	234°29'	68°56'

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25.09.2030	181°59'	151°12'	157°54'	168°29'	175°18'	145°24'	234°39'	68°56'
26.09.2030	182°58'	164°42'	171°35'	170°14'	176°33'	146°01'	234°50'	68°55'
27.09.2030	183°56'	178°32'	185°34'	171°59'	177°47'	146°39'	235°00'	68°55'
28.09.2030	184°55'	192°40'	199°49'	173°46'	179°02'	147°16'	235°11'	68°54'
29.09.2030	185°54'	207°01'	214°13'	175°34'	180°17'	147°53'	235°21'	68°53'
30.09.2030	186°53'	221°27'	228°41'	177°22'	181°32'	148°31'	235°32'	68°52'
01.10.2030	187°52'	235°54'	243°06'	179°11'	182°47'	149°08'	235°43'	68°51'
02.10.2030	188°51'	250°17'	257°26'	181°00'	184°01'	149°45'	235°54'	68°50'
03.10.2030	189°50'	264°34'	271°38'	182°48'	185°16'	150°22'	236°05'	68°49'
04.10.2030	190°49'	278°41'	285°41'	184°36'	186°31'	150°59'	236°16'	68°47'
05.10.2030	191°48'	292°38'	299°33'	186°24'	187°46'	151°36'	236°27'	68°46'
06.10.2030	192°47'	306°25'	313°15'	188°12'	189°01'	152°13'	236°39'	68°44'
07.10.2030	193°47'	320°02'	326°46'	189°58'	190°16'	152°50'	236°50'	68°43'
08.10.2030	194°46'	333°28'	340°06'	191°45'	191°31'	153°27'	237°01'	68°41'
09.10.2030	195°45'	346°41'	353°13'	193°30'	192°46'	154°04'	237°13'	68°39'
10.10.2030	196°44'	359°42'	6°08'	195°15'	194°01'	154°41'	237°24'	68°37'
11.10.2030	197°44'	12°30'	18°48'	197°00'	195°16'	155°18'	237°36'	68°35'
12.10.2030	198°43'	25°03'	31°15'	198°43'	196°31'	155°54'	237°48'	68°33'
13.10.2030	199°42'	37°24'	43°29'	200°26'	197°46'	156°31'	237°59'	68°30'
14.10.2030	200°42'	49°31'	55°31'	202°08'	199°01'	157°08'	238°11'	68°28'
15.10.2030	201°41'	61°29'	67°25'	203°50'	200°16'	157°44'	238°23'	68°25'
16.10.2030	202°40'	73°19'	79°13'	205°30'	201°31'	158°21'	238°35'	68°23'
17.10.2030	203°40'	85°06'	91°00'	207°10'	202°46'	158°58'	238°47'	68°20'
18.10.2030	204°39'	96°54'	102°50'	208°50'	204°01'	159°34'	238°59'	68°17'
19.10.2030	205°39'	108°49'	114°50'	210°28'	205°16'	160°11'	239°11'	68°14'
20.10.2030	206°39'	120°54'	127°03'	212°07'	206°31'	160°47'	239°23'	68°12'
21.10.2030	207°38'	133°17'	139°35'	213°44'	207°46'	161°24'	239°36'	68°08'
22.10.2030	208°38'	146°00'	152°31'	215°21'	209°02'	162°00'	239°48'	68°05'
23.10.2030	209°38'	159°08'	165°51'	216°57'	210°17'	162°36'	240°00'	68°02'
24.10.2030	210°37'	172°42'	179°39'	218°33'	211°32'	163°13'	240°13'	67°59'
25.10.2030	211°37'	186°42'	193°50'	220°08'	212°47'	163°49'	240°25'	67°55'
26.10.2030	212°37'	201°04'	208°23'	221°42'	214°02'	164°25'	240°38'	67°52'
27.10.2030	213°37'	215°45'	223°09'	223°16'	215°17'	165°01'	240°50'	67°48'
28.10.2030	214°37'	230°35'	238°02'	224°50'	216°33'	165°37'	241°03'	67°45'
29.10.2030	215°37'	245°28'	252°52'	226°23'	217°48'	166°13'	241°16'	67°41'
30.10.2030	216°37'	260°15'	267°35'	227°55'	219°03'	166°49'	241°28'	67°37'
31.10.2030	217°36'	274°51'	282°03'	229°27'	220°18'	167°25'	241°41'	67°33'
01.11.2030	218°36'	289°11'	296°15'	230°59'	221°33'	168°01'	241°54'	67°29'
02.11.2030	219°37'	303°14'	310°09'	232°30'	222°49'	168°37'	242°07'	67°25'
03.11.2030	220°37'	316°58'	323°44'	234°00'	224°04'	169°13'	242°20'	67°21'
04.11.2030	221°37'	330°25'	337°02'	235°31'	225°19'	169°49'	242°33'	67°17'
05.11.2030	222°37'	343°35'	350°04'	237°00'	226°34'	170°24'	242°46'	67°13'
06.11.2030	223°37'	356°29'	2°51'	238°29'	227°49'	171°00'	242°59'	67°09'
07.11.2030	224°37'	9°09'	15°25'	239°58'	229°05'	171°36'	243°12'	67°04'
08.11.2030	225°37'	21°37'	27°47'	241°26'	230°20'	172°11'	243°25'	67°00'
09.11.2030	226°37'	33°54'	39°59'	242°54'	231°35'	172°47'	243°38'	66°56'
10.11.2030	227°38'	46°01'	52°01'	244°21'	232°50'	173°22'	243°51'	66°51'
11.11.2030	228°38'	58°00'	63°57'	245°48'	234°06'	173°57'	244°04'	66°47'
12.11.2030	229°38'	69°52'	75°47'	247°14'	235°21'	174°33'	244°17'	66°42'
13.11.2030	230°39'	81°40'	87°34'	248°39'	236°36'	175°08'	244°30'	66°37'
14.11.2030	231°39'	93°27'	99°21'	250°04'	237°51'	175°43'	244°44'	66°33'
15.11.2030	232°39'	105°16'	111°12'	251°27'	239°07'	176°19'	244°57'	66°28'
16.11.2030	233°40'	117°11'	123°12'	252°51'	240°22'	176°54'	245°10'	66°23'
17.11.2030	234°40'	129°15'	135°23'	254°13'	241°37'	177°29'	245°23'	66°19'
18.11.2030	235°41'	141°35'	147°51'	255°34'	242°52'	178°04'	245°37'	66°14'

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19.11.2030	236°41'	154°13'	160°41'	256°53'	244°08'	178°39'	245°50'	66°09'
20.11.2030	237°42'	167°15'	173°55'	258°12'	245°23'	179°14'	246°03'	66°04'
21.11.2030	238°42'	180°42'	187°36'	259°29'	246°38'	179°49'	246°17'	65°59'
22.11.2030	239°43'	194°37'	201°45'	260°44'	247°54'	180°23'	246°30'	65°54'
23.11.2030	240°44'	208°59'	216°19'	261°58'	249°09'	180°58'	246°44'	65°50'
24.11.2030	241°44'	223°44'	231°13'	263°09'	250°24'	181°33'	246°57'	65°45'
25.11.2030	242°45'	238°46'	246°20'	264°18'	251°39'	182°07'	247°10'	65°40'
26.11.2030	243°46'	253°55'	261°30'	265°24'	252°55'	182°42'	247°24'	65°35'
27.11.2030	244°46'	269°04'	276°35'	266°27'	254°10'	183°16'	247°37'	65°30'
28.11.2030	245°47'	284°02'	291°25'	267°26'	255°25'	183°51'	247°51'	65°25'
29.11.2030	246°48'	298°43'	305°55'	268°21'	256°41'	184°25'	248°04'	65°20'
30.11.2030	247°49'	313°01'	320°01'	269°11'	257°56'	184°59'	248°18'	65°15'
01.12.2030	248°49'	326°54'	333°41'	269°56'	259°11'	185°33'	248°31'	65°10'
02.12.2030	249°50'	340°22'	346°58'	270°34'	260°26'	186°07'	248°45'	65°05'
03.12.2030	250°51'	353°28'	359°52'	271°06'	261°42'	186°41'	248°58'	65°00'
04.12.2030	251°52'	6°12'	12°28'	271°30'	262°57'	187°15'	249°12'	64°56'
05.12.2030	252°53'	18°40'	24°48'	271°46'	264°12'	187°49'	249°25'	64°51'
06.12.2030	253°54'	30°54'	36°57'	271°52'	265°28'	188°23'	249°38'	64°46'
07.12.2030	254°55'	42°57'	48°56'	271°48'	266°43'	188°57'	249°52'	64°41'
08.12.2030	255°55'	54°53'	60°49'	271°33'	267°58'	189°30'	250°05'	64°36'
09.12.2030	256°56'	66°44'	72°39'	271°07'	269°13'	190°04'	250°19'	64°31'
10.12.2030	257°57'	78°33'	84°27'	270°29'	270°29'	190°37'	250°32'	64°27'
11.12.2030	258°58'	90°21'	96°16'	269°41'	271°44'	191°11'	250°46'	64°22'
12.12.2030	259°59'	102°11'	108°07'	268°42'	272°59'	191°44'	250°59'	64°17'
13.12.2030	261°00'	114°04'	120°03'	267°34'	274°14'	192°17'	251°12'	64°13'
14.12.2030	262°01'	126°04'	132°07'	266°18'	275°30'	192°50'	251°26'	64°08'
15.12.2030	263°02'	138°13'	144°21'	264°58'	276°45'	193°23'	251°39'	64°04'
16.12.2030	264°03'	150°33'	156°49'	263°35'	278°00'	193°56'	251°52'	63°59'
17.12.2030	265°04'	163°09'	169°35'	262°12'	279°15'	194°29'	252°06'	63°55'
18.12.2030	266°05'	176°05'	182°40'	260°53'	280°31'	195°02'	252°19'	63°50'
19.12.2030	267°06'	189°22'	196°10'	259°39'	281°46'	195°35'	252°32'	63°46'
20.12.2030	268°08'	203°04'	210°05'	258°34'	283°01'	196°07'	252°46'	63°42'
21.12.2030	269°09'	217°12'	224°26'	257°37'	284°16'	196°40'	252°59'	63°38'
22.12.2030	270°10'	231°45'	239°10'	256°51'	285°32'	197°12'	253°12'	63°33'
23.12.2030	271°11'	246°39'	254°13'	256°16'	286°47'	197°44'	253°25'	63°29'
24.12.2030	272°12'	261°48'	269°26'	255°51'	288°02'	198°17'	253°38'	63°25'
25.12.2030	273°13'	277°03'	284°39'	255°37'	289°17'	198°49'	253°52'	63°21'
26.12.2030	274°14'	292°13'	299°44'	255°33'	290°32'	199°21'	254°05'	63°17'
27.12.2030	275°15'	307°09'	314°29'	255°39'	291°48'	199°52'	254°18'	63°14'
28.12.2030	276°17'	321°43'	328°50'	255°54'	293°03'	200°24'	254°31'	63°10'
29.12.2030	277°18'	335°50'	342°43'	256°16'	294°18'	200°56'	254°44'	63°06'
30.12.2030	278°19'	349°28'	356°07'	256°46'	295°33'	201°27'	254°57'	63°03'
31.12.2030	279°20'	2°38'	9°04'	257°22'	296°48'	201°58'	255°10'	62°59'
01.01.2031	280°21'	15°23'	21°38'	258°04'	298°03'	202°30'	255°22'	62°56'
02.01.2031	281°22'	27°47'	33°53'	258°51'	299°19'	203°01'	255°35'	62°53'
03.01.2031	282°24'	39°56'	45°55'	259°42'	300°34'	203°32'	255°48'	62°49'
04.01.2031	283°25'	51°52'	57°48'	260°38'	301°49'	204°02'	256°01'	62°46'
05.01.2031	284°26'	63°42'	69°36'	261°37'	303°04'	204°33'	256°13'	62°43'
06.01.2031	285°27'	75°29'	81°23'	262°40'	304°19'	205°04'	256°26'	62°40'
07.01.2031	286°28'	87°17'	93°11'	263°45'	305°34'	205°34'	256°39'	62°37'
08.01.2031	287°29'	99°07'	105°04'	264°53'	306°49'	206°04'	256°51'	62°35'
09.01.2031	288°30'	111°03'	117°03'	266°04'	308°04'	206°35'	257°04'	62°32'
10.01.2031	289°32'	123°05'	129°10'	267°16'	309°19'	207°05'	257°16'	62°29'
11.01.2031	290°33'	135°16'	141°25'	268°30'	310°34'	207°34'	257°29'	62°27'
12.01.2031	291°34'	147°36'	153°50'	269°46'	311°49'	208°04'	257°41'	62°25'

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13.01.2031	292°35'	160°07'	166°26'	271°04'	313°04'	208°34'	257°53'	62°22'
14.01.2031	293°36'	172°49'	179°16'	272°22'	314°19'	209°03'	258°05'	62°20'
15.01.2031	294°37'	185°47'	192°21'	273°42'	315°34'	209°32'	258°18'	62°18'
16.01.2031	295°38'	199°00'	205°44'	275°04'	316°49'	210°01'	258°30'	62°16'
17.01.2031	296°39'	212°33'	219°27'	276°26'	318°04'	210°30'	258°42'	62°14'
18.01.2031	297°40'	226°26'	233°30'	277°49'	319°19'	210°59'	258°54'	62°12'
19.01.2031	298°42'	240°40'	247°54'	279°13'	320°33'	211°28'	259°06'	62°11'
20.01.2031	299°43'	255°14'	262°37'	280°38'	321°48'	211°56'	259°17'	62°09'
21.01.2031	300°44'	270°04'	277°34'	282°04'	323°03'	212°24'	259°29'	62°08'
22.01.2031	301°45'	285°05'	292°37'	283°31'	324°18'	212°52'	259°41'	62°07'
23.01.2031	302°46'	300°08'	307°37'	284°58'	325°33'	213°20'	259°52'	62°05'
24.01.2031	303°47'	315°03'	322°25'	286°26'	326°48'	213°48'	260°04'	62°04'
25.01.2031	304°48'	329°41'	336°51'	287°55'	328°02'	214°15'	260°15'	62°03'
26.01.2031	305°49'	343°55'	350°52'	289°25'	329°17'	214°42'	260°27'	62°02'
27.01.2031	306°50'	357°41'	4°24'	290°55'	330°32'	215°09'	260°38'	62°02'
28.01.2031	307°51'	10°59'	17°27'	292°26'	331°46'	215°36'	260°49'	62°01'
29.01.2031	308°52'	23°49'	30°05'	293°58'	333°01'	216°02'	261°00'	62°01'
30.01.2031	309°53'	36°16'	42°23'	295°30'	334°16'	216°29'	261°12'	62°00'
31.01.2031	310°54'	48°25'	54°25'	297°03'	335°30'	216°55'	261°23'	62°00'
01.02.2031	311°55'	60°21'	66°16'	298°36'	336°45'	217°21'	261°33'	62°00'
02.02.2031	312°56'	72°10'	78°03'	300°11'	337°59'	217°46'	261°44'	62°00'
03.02.2031	313°57'	83°57'	89°50'	301°46'	339°14'	218°12'	261°55'	62°00'
04.02.2031	314°58'	95°45'	101°42'	303°22'	340°28'	218°37'	262°05'	62°00'
05.02.2031	315°58'	107°40'	113°40'	304°58'	341°43'	219°02'	262°16'	62°00'
06.02.2031	316°59'	119°43'	125°49'	306°35'	342°57'	219°26'	262°26'	62°00'
07.02.2031	318°00'	131°57'	138°08'	308°13'	344°11'	219°51'	262°37'	62°01'
08.02.2031	319°01'	144°22'	150°40'	309°52'	345°25'	220°15'	262°47'	62°02'
09.02.2031	320°01'	157°00'	163°22'	311°31'	346°40'	220°39'	262°57'	62°02'
10.02.2031	321°02'	169°48'	176°17'	313°12'	347°54'	221°02'	263°07'	62°03'
11.02.2031	322°03'	182°48'	189°22'	314°53'	349°08'	221°25'	263°17'	62°04'
12.02.2031	323°04'	195°59'	202°39'	316°35'	350°22'	221°48'	263°27'	62°05'
13.02.2031	324°04'	209°21'	216°07'	318°17'	351°36'	222°11'	263°36'	62°06'
14.02.2031	325°05'	222°56'	229°48'	320°01'	352°50'	222°33'	263°46'	62°08'
15.02.2031	326°06'	236°43'	243°42'	321°45'	354°04'	222°55'	263°55'	62°09'
16.02.2031	327°06'	250°45'	257°50'	323°31'	355°18'	223°17'	264°05'	62°10'
17.02.2031	328°07'	265°00'	272°12'	325°17'	356°32'	223°39'	264°14'	62°12'
18.02.2031	329°07'	279°27'	286°44'	327°04'	357°46'	224°00'	264°23'	62°14'
19.02.2031	330°08'	294°03'	301°23'	328°52'	359°00'	224°20'	264°32'	62°16'
20.02.2031	331°08'	308°42'	316°01'	330°41'	0°14'	224°41'	264°41'	62°18'
21.02.2031	332°09'	323°18'	330°32'	332°30'	1°28'	225°01'	264°50'	62°20'
22.02.2031	333°09'	337°42'	344°47'	334°21'	2°41'	225°20'	264°59'	62°22'
23.02.2031	334°10'	351°48'	358°42'	336°12'	3°55'	225°39'	265°07'	62°24'
24.02.2031	335°10'	5°31'	12°13'	338°04'	5°09'	225°58'	265°15'	62°26'
25.02.2031	336°11'	18°49'	25°18'	339°57'	6°22'	226°17'	265°24'	62°29'
26.02.2031	337°11'	31°42'	37°59'	341°50'	7°36'	226°35'	265°32'	62°32'
27.02.2031	338°11'	44°12'	50°20'	343°44'	8°49'	226°52'	265°40'	62°34'
28.02.2031	339°12'	56°24'	62°24'	345°38'	10°02'	227°09'	265°48'	62°37'
01.03.2031	340°12'	68°22'	74°18'	347°32'	11°16'	227°26'	265°55'	62°40'
02.03.2031	341°12'	80°13'	86°06'	349°27'	12°29'	227°43'	266°03'	62°43'
03.03.2031	342°12'	92°01'	97°55'	351°21'	13°42'	227°58'	266°11'	62°46'
04.03.2031	343°13'	103°51'	109°49'	353°15'	14°55'	228°14'	266°18'	62°49'
05.03.2031	344°13'	115°50'	121°53'	355°08'	16°08'	228°29'	266°25'	62°53'
06.03.2031	345°13'	127°59'	134°09'	357°00'	17°21'	228°43'	266°32'	62°56'
07.03.2031	346°13'	140°23'	146°41'	358°51'	18°34'	228°57'	266°39'	62°59'
08.03.2031	347°13'	153°02'	159°28'	0°41'	19°47'	229°11'	266°46'	63°03'

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09.03.2031	348°13'	165°57'	172°30'	2°28'	21°00'	229°24'	266°52'	63°07'
10.03.2031	349°13'	179°07'	185°47'	4°12'	22°13'	229°36'	266°59'	63°11'
11.03.2031	350°13'	192°30'	199°16'	5°53'	23°25'	229°48'	267°05'	63°14'
12.03.2031	351°13'	206°04'	212°54'	7°31'	24°38'	229°59'	267°11'	63°18'
13.03.2031	352°13'	219°47'	226°41'	9°04'	25°51'	230°10'	267°17'	63°22'
14.03.2031	353°13'	233°37'	240°35'	10°33'	27°03'	230°20'	267°23'	63°27'
15.03.2031	354°12'	247°34'	254°34'	11°57'	28°15'	230°30'	267°29'	63°31'
16.03.2031	355°12'	261°36'	268°39'	13°15'	29°28'	230°39'	267°34'	63°35'
17.03.2031	356°12'	275°43'	282°49'	14°27'	30°40'	230°48'	267°39'	63°40'
18.03.2031	357°12'	289°55'	297°01'	15°32'	31°52'	230°56'	267°45'	63°44'
19.03.2031	358°11'	304°08'	311°14'	16°30'	33°04'	231°03'	267°50'	63°49'
20.03.2031	359°11'	318°20'	325°25'	17°21'	34°16'	231°09'	267°55'	63°53'
21.03.2031	0°11'	332°28'	339°28'	18°05'	35°28'	231°15'	267°59'	63°58'
22.03.2031	1°10'	346°26'	353°20'	18°41'	36°40'	231°21'	268°04'	64°03'
23.03.2031	2°10'	0°10'	6°55'	19°08'	37°52'	231°25'	268°08'	64°08'
24.03.2031	3°09'	13°36'	20°12'	19°28'	39°04'	231°29'	268°12'	64°13'
25.03.2031	4°09'	26°43'	33°09'	19°40'	40°15'	231°32'	268°16'	64°18'
26.03.2031	5°08'	39°30'	45°46'	19°45'	41°27'	231°35'	268°20'	64°23'
27.03.2031	6°08'	51°58'	58°06'	19°41'	42°38'	231°37'	268°24'	64°28'
28.03.2031	7°07'	64°10'	70°11'	19°30'	43°49'	231°38'	268°27'	64°34'
29.03.2031	8°07'	76°09'	82°06'	19°12'	45°01'	231°38'	268°31'	64°39'
30.03.2031	9°06'	88°01'	93°56'	18°47'	46°12'	231°38'	268°34'	64°44'
31.03.2031	10°05'	99°51'	105°46'	18°17'	47°23'	231°37'	268°37'	64°50'
01.04.2031	11°05'	111°43'	117°42'	17°41'	48°34'	231°35'	268°40'	64°56'
02.04.2031	12°04'	123°43'	129°47'	17°01'	49°45'	231°32'	268°42'	65°01'
03.04.2031	13°03'	135°56'	142°08'	16°18'	50°55'	231°29'	268°45'	65°07'
04.04.2031	14°02'	148°24'	154°46'	15°31'	52°06'	231°25'	268°47'	65°13'
05.04.2031	15°01'	161°12'	167°43'	14°43'	53°17'	231°20'	268°49'	65°19'
06.04.2031	16°00'	174°20'	181°01'	13°55'	54°27'	231°14'	268°51'	65°25'
07.04.2031	16°59'	187°47'	194°37'	13°07'	55°37'	231°08'	268°52'	65°31'
08.04.2031	17°58'	201°32'	208°30'	12°20'	56°47'	231°01'	268°54'	65°37'
09.04.2031	18°57'	215°31'	222°35'	11°35'	57°58'	230°53'	268°55'	65°43'
10.04.2031	19°56'	229°41'	236°48'	10°52'	59°08'	230°44'	268°56'	65°49'
11.04.2031	20°55'	243°56'	251°05'	10°13'	60°17'	230°35'	268°57'	65°55'
12.04.2031	21°54'	258°14'	265°23'	9°39'	61°27'	230°25'	268°58'	66°01'
13.04.2031	22°53'	272°31'	279°38'	9°08'	62°37'	230°14'	268°59'	66°08'
14.04.2031	23°52'	286°45'	293°49'	8°42'	63°46'	230°02'	268°59'	66°14'
15.04.2031	24°51'	300°53'	307°54'	8°22'	64°55'	229°50'	268°59'	66°21'
16.04.2031	25°49'	314°53'	321°51'	8°06'	66°05'	229°37'	268°59'	66°27'
17.04.2031	26°48'	328°46'	335°38'	7°56'	67°14'	229°23'	268°59'	66°34'
18.04.2031	27°47'	342°28'	349°15'	7°51'	68°23'	229°08'	268°59'	66°40'
19.04.2031	28°45'	355°59'	2°40'	7°51'	69°32'	228°53'	268°58'	66°47'
20.04.2031	29°44'	9°17'	15°50'	7°56'	70°40'	228°37'	268°57'	66°54'
21.04.2031	30°43'	22°20'	28°46'	8°07'	71°49'	228°21'	268°56'	67°01'
22.04.2031	31°41'	35°08'	41°26'	8°22'	72°57'	228°03'	268°55'	67°08'
23.04.2031	32°40'	47°41'	53°52'	8°42'	74°05'	227°46'	268°54'	67°14'
24.04.2031	33°38'	60°00'	66°05'	9°06'	75°14'	227°27'	268°52'	67°21'
25.04.2031	34°37'	72°07'	78°07'	9°35'	76°22'	227°09'	268°51'	67°28'
26.04.2031	35°35'	84°05'	90°01'	10°07'	77°29'	226°49'	268°49'	67°35'
27.04.2031	36°34'	95°56'	101°51'	10°44'	78°37'	226°30'	268°47'	67°42'
28.04.2031	37°32'	107°46'	113°42'	11°25'	79°44'	226°09'	268°44'	67°49'
29.04.2031	38°30'	119°39'	125°37'	12°09'	80°52'	225°49'	268°42'	67°57'
30.04.2031	39°29'	131°38'	137°43'	12°57'	81°59'	225°28'	268°39'	68°04'
01.05.2031	40°27'	143°50'	150°02'	13°48'	83°06'	225°07'	268°37'	68°11'
02.05.2031	41°25'	156°19'	162°41'	14°43'	84°13'	224°45'	268°34'	68°18'

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03.05.2031	42°23'	169°08'	175°41'	15°40'	85°19'	224°24'	268°31'	68°25'
04.05.2031	43°22'	182°20'	189°05'	16°41'	86°25'	224°02'	268°27'	68°33'
05.05.2031	44°20'	195°56'	202°52'	17°44'	87°32'	223°40'	268°24'	68°40'
06.05.2031	45°18'	209°54'	217°01'	18°50'	88°38'	223°18'	268°20'	68°47'
07.05.2031	46°16'	224°12'	231°27'	19°59'	89°43'	222°56'	268°16'	68°55'
08.05.2031	47°14'	238°46'	246°06'	21°10'	90°49'	222°34'	268°12'	69°02'
09.05.2031	48°12'	253°28'	260°50'	22°24'	91°54'	222°12'	268°08'	69°10'
10.05.2031	49°10'	268°12'	275°33'	23°40'	92°59'	221°50'	268°04'	69°17'
11.05.2031	50°08'	282°52'	290°09'	24°59'	94°04'	221°28'	267°59'	69°25'
12.05.2031	51°06'	297°22'	304°33'	26°20'	95°09'	221°06'	267°55'	69°32'
13.05.2031	52°04'	311°39'	318°42'	27°43'	96°13'	220°45'	267°50'	69°40'
14.05.2031	53°02'	325°40'	332°34'	29°09'	97°17'	220°24'	267°45'	69°47'
15.05.2031	54°00'	339°24'	346°09'	30°37'	98°21'	220°03'	267°40'	69°55'
16.05.2031	54°58'	352°50'	359°27'	32°07'	99°25'	219°42'	267°35'	70°03'
17.05.2031	55°56'	6°01'	12°30'	33°39'	100°28'	219°22'	267°29'	70°10'
18.05.2031	56°53'	18°56'	25°18'	35°14'	101°31'	219°02'	267°24'	70°18'
19.05.2031	57°51'	31°37'	37°53'	36°50'	102°34'	218°43'	267°18'	70°26'
20.05.2031	58°49'	44°05'	50°15'	38°29'	103°36'	218°24'	267°12'	70°33'
21.05.2031	59°47'	56°22'	62°27'	40°10'	104°39'	218°06'	267°06'	70°41'
22.05.2031	60°45'	68°30'	74°31'	41°53'	105°41'	217°48'	267°00'	70°49'
23.05.2031	61°42'	80°29'	86°27'	43°38'	106°42'	217°31'	266°54'	70°56'
24.05.2031	62°40'	92°23'	98°18'	45°26'	107°44'	217°15'	266°48'	71°04'
25.05.2031	63°38'	104°13'	110°08'	47°15'	108°45'	216°59'	266°42'	71°12'
26.05.2031	64°35'	116°03'	121°59'	49°07'	109°45'	216°44'	266°35'	71°20'
27.05.2031	65°33'	127°55'	133°54'	51°01'	110°45'	216°30'	266°29'	71°27'
28.05.2031	66°31'	139°55'	145°59'	52°57'	111°45'	216°16'	266°22'	71°35'
29.05.2031	67°28'	152°05'	158°16'	54°55'	112°45'	216°03'	266°15'	71°43'
30.05.2031	68°26'	164°31'	170°51'	56°54'	113°44'	215°51'	266°08'	71°51'
31.05.2031	69°23'	177°17'	183°48'	58°56'	114°43'	215°40'	266°01'	71°59'
01.06.2031	70°21'	190°25'	197°09'	61°00'	115°41'	215°30'	265°54'	72°06'
02.06.2031	71°18'	203°59'	210°56'	63°05'	116°39'	215°20'	265°47'	72°14'
03.06.2031	72°16'	218°00'	225°09'	65°12'	117°36'	215°11'	265°40'	72°22'
04.06.2031	73°13'	232°25'	239°46'	67°21'	118°33'	215°03'	265°33'	72°30'
05.06.2031	74°11'	247°11'	254°40'	69°30'	119°30'	214°55'	265°25'	72°38'
06.06.2031	75°08'	262°12'	269°45'	71°41'	120°26'	214°49'	265°18'	72°45'
07.06.2031	76°06'	277°18'	284°50'	73°52'	121°21'	214°43'	265°10'	72°53'
08.06.2031	77°03'	292°21'	299°48'	76°04'	122°16'	214°38'	265°03'	73°01'
09.06.2031	78°00'	307°12'	314°30'	78°16'	123°10'	214°34'	264°55'	73°09'
10.06.2031	78°58'	321°44'	328°52'	80°28'	124°04'	214°31'	264°48'	73°17'
11.06.2031	79°55'	335°53'	342°49'	82°40'	124°58'	214°29'	264°40'	73°24'
12.06.2031	80°52'	349°39'	356°22'	84°51'	125°50'	214°27'	264°33'	73°32'
13.06.2031	81°50'	3°00'	9°33'	87°02'	126°42'	214°26'	264°25'	73°40'
14.06.2031	82°47'	16°00'	22°23'	89°11'	127°34'	214°26'	264°17'	73°48'
15.06.2031	83°44'	28°41'	34°56'	91°19'	128°24'	214°27'	264°10'	73°55'
16.06.2031	84°42'	41°07'	47°15'	93°25'	129°14'	214°29'	264°02'	74°03'
17.06.2031	85°39'	53°20'	59°23'	95°30'	130°04'	214°31'	263°54'	74°11'
18.06.2031	86°36'	65°24'	71°23'	97°33'	130°52'	214°34'	263°47'	74°18'
19.06.2031	87°34'	77°21'	83°18'	99°35'	131°40'	214°38'	263°39'	74°26'
20.06.2031	88°31'	89°14'	95°10'	101°34'	132°27'	214°43'	263°31'	74°34'
21.06.2031	89°28'	101°04'	106°59'	103°31'	133°13'	214°48'	263°24'	74°41'
22.06.2031	90°26'	112°54'	118°49'	105°26'	133°59'	214°55'	263°16'	74°49'
23.06.2031	91°23'	124°45'	130°42'	107°19'	134°43'	215°02'	263°09'	74°57'
24.06.2031	92°20'	136°40'	142°40'	109°10'	135°27'	215°09'	263°01'	75°04'
25.06.2031	93°17'	148°42'	154°46'	110°58'	136°09'	215°18'	262°54'	75°12'
26.06.2031	94°15'	160°53'	167°04'	112°44'	136°51'	215°27'	262°46'	75°19'

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27.06.2031	95°12'	173°18'	179°36'	114°28'	137°32'	215°37'	262°39'	75°27'
28.06.2031	96°09'	186°00'	192°28'	116°10'	138°11'	215°47'	262°32'	75°34'
29.06.2031	97°06'	199°02'	205°42'	117°49'	138°49'	215°58'	262°24'	75°42'
30.06.2031	98°03'	212°29'	219°22'	119°26'	139°27'	216°10'	262°17'	75°49'
01.07.2031	99°01'	226°22'	233°29'	121°01'	140°03'	216°23'	262°10'	75°57'
02.07.2031	99°58'	240°43'	248°03'	122°34'	140°37'	216°36'	262°03'	76°04'
03.07.2031	100°55'	255°28'	262°58'	124°04'	141°11'	216°50'	261°56'	76°11'
04.07.2031	101°52'	270°32'	278°09'	125°32'	141°43'	217°04'	261°50'	76°19'
05.07.2031	102°49'	285°48'	293°26'	126°58'	142°13'	217°19'	261°43'	76°26'
06.07.2031	103°47'	301°04'	308°39'	128°21'	142°42'	217°35'	261°36'	76°33'
07.07.2031	104°44'	316°10'	323°36'	129°42'	143°10'	217°51'	261°30'	76°41'
08.07.2031	105°41'	330°56'	338°10'	131°00'	143°36'	218°07'	261°23'	76°48'
09.07.2031	106°38'	345°17'	352°17'	132°16'	144°00'	218°25'	261°17'	76°55'
10.07.2031	107°35'	359°10'	5°55'	133°29'	144°23'	218°42'	261°11'	77°02'
11.07.2031	108°33'	12°34'	19°06'	134°40'	144°44'	219°01'	261°05'	77°09'
12.07.2031	109°30'	25°32'	31°53'	135°48'	145°03'	219°20'	260°59'	77°16'
13.07.2031	110°27'	38°08'	44°19'	136°53'	145°20'	219°39'	260°53'	77°23'
14.07.2031	111°24'	50°26'	56°30'	137°56'	145°36'	219°59'	260°47'	77°30'
15.07.2031	112°21'	62°31'	68°30'	138°55'	145°49'	220°19'	260°41'	77°37'
16.07.2031	113°19'	74°28'	80°24'	139°51'	146°01'	220°40'	260°36'	77°44'
17.07.2031	114°16'	86°19'	92°14'	140°45'	146°10'	221°01'	260°31'	77°51'
18.07.2031	115°13'	98°08'	104°03'	141°35'	146°17'	221°23'	260°26'	77°57'
19.07.2031	116°10'	109°58'	115°53'	142°21'	146°22'	221°45'	260°21'	78°04'
20.07.2031	117°08'	121°50'	127°47'	143°04'	146°25'	222°08'	260°16'	78°11'
21.07.2031	118°05'	133°46'	139°46'	143°44'	146°25'	222°31'	260°11'	78°17'
22.07.2031	119°02'	145°47'	151°50'	144°19'	146°24'	222°55'	260°06'	78°24'
23.07.2031	120°00'	157°55'	164°03'	144°50'	146°19'	223°19'	260°02'	78°31'
24.07.2031	120°57'	170°13'	176°25'	145°18'	146°13'	223°44'	259°58'	78°37'
25.07.2031	121°54'	182°41'	189°00'	145°40'	146°04'	224°09'	259°54'	78°44'
26.07.2031	122°51'	195°24'	201°51'	145°59'	145°53'	224°34'	259°50'	78°50'
27.07.2031	123°49'	208°24'	215°01'	146°13'	145°39'	225°00'	259°46'	78°56'
28.07.2031	124°46'	221°44'	228°33'	146°21'	145°23'	225°26'	259°43'	79°02'
29.07.2031	125°43'	235°28'	242°30'	146°25'	145°04'	225°52'	259°39'	79°09'
30.07.2031	126°41'	249°37'	256°51'	146°24'	144°44'	226°19'	259°36'	79°15'
31.07.2031	127°38'	264°11'	271°36'	146°18'	144°21'	226°46'	259°33'	79°21'
01.08.2031	128°36'	279°05'	286°38'	146°07'	143°56'	227°14'	259°30'	79°27'
02.08.2031	129°33'	294°14'	301°51'	145°50'	143°29'	227°42'	259°27'	79°33'
03.08.2031	130°30'	309°27'	317°03'	145°29'	143°00'	228°10'	259°25'	79°39'
04.08.2031	131°28'	324°35'	332°04'	145°02'	142°29'	228°39'	259°22'	79°45'
05.08.2031	132°25'	339°27'	346°44'	144°31'	141°57'	229°08'	259°20'	79°50'
06.08.2031	133°22'	353°55'	0°58'	143°56'	141°23'	229°37'	259°18'	79°56'
07.08.2031	134°20'	7°54'	14°42'	143°17'	140°48'	230°06'	259°16'	80°02'
08.08.2031	135°17'	21°23'	27°57'	142°34'	140°13'	230°36'	259°15'	80°07'
09.08.2031	136°15'	34°24'	40°45'	141°49'	139°36'	231°07'	259°13'	80°13'
10.08.2031	137°12'	47°01'	53°12'	141°02'	138°59'	231°37'	259°12'	80°18'
11.08.2031	138°10'	59°18'	65°22'	140°14'	138°22'	232°08'	259°11'	80°24'
12.08.2031	139°08'	71°22'	77°19'	139°26'	137°44'	232°39'	259°10'	80°29'
13.08.2031	140°05'	83°16'	89°11'	138°38'	137°07'	233°10'	259°10'	80°34'
14.08.2031	141°03'	95°05'	101°00'	137°51'	136°31'	233°42'	259°09'	80°39'
15.08.2031	142°00'	106°54'	112°50'	137°08'	135°55'	234°14'	259°09'	80°44'
16.08.2031	142°58'	118°46'	124°44'	136°27'	135°19'	234°46'	259°09'	80°49'
17.08.2031	143°56'	130°43'	136°44'	135°51'	134°45'	235°19'	259°09'	80°54'
18.08.2031	144°53'	142°47'	148°51'	135°20'	134°13'	235°52'	259°09'	80°59'
19.08.2031	145°51'	154°58'	161°07'	134°54'	133°41'	236°25'	259°09'	81°04'
20.08.2031	146°49'	167°18'	173°32'	134°35'	133°12'	236°58'	259°10'	81°09'

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21.08.2031	147°47'	179°48'	186°07'	134°23'	132°44'	237°31'	259°11'	81°13'
22.08.2031	148°44'	192°28'	198°53'	134°18'	132°18'	238°05'	259°12'	81°18'
23.08.2031	149°42'	205°20'	211°51'	134°20'	131°54'	238°39'	259°13'	81°22'
24.08.2031	150°40'	218°26'	225°04'	134°30'	131°32'	239°14'	259°14'	81°26'
25.08.2031	151°38'	231°47'	238°35'	134°48'	131°13'	239°48'	259°16'	81°31'
26.08.2031	152°36'	245°27'	252°24'	135°14'	130°55'	240°23'	259°18'	81°35'
27.08.2031	153°34'	259°26'	266°33'	135°47'	130°41'	240°58'	259°19'	81°39'
28.08.2031	154°31'	273°44'	281°01'	136°29'	130°28'	241°33'	259°22'	81°43'
29.08.2031	155°29'	288°21'	295°45'	137°17'	130°18'	242°09'	259°24'	81°47'
30.08.2031	156°27'	303°11'	310°39'	138°13'	130°10'	242°44'	259°26'	81°51'
31.08.2031	157°25'	318°07'	325°35'	139°16'	130°05'	243°20'	259°29'	81°54'
01.09.2031	158°23'	333°01'	340°24'	140°26'	130°02'	243°56'	259°32'	81°58'
02.09.2031	159°21'	347°43'	354°57'	141°42'	130°01'	244°32'	259°35'	82°02'
03.09.2031	160°19'	2°05'	9°08'	143°03'	130°03'	245°09'	259°38'	82°05'
04.09.2031	161°17'	16°03'	22°52'	144°30'	130°07'	245°46'	259°41'	82°08'
05.09.2031	162°16'	29°34'	36°09'	146°02'	130°13'	246°22'	259°45'	82°12'
06.09.2031	163°14'	42°38'	49°01'	147°38'	130°22'	247°00'	259°48'	82°15'
07.09.2031	164°12'	55°18'	61°30'	149°18'	130°33'	247°37'	259°52'	82°18'
08.09.2031	165°10'	67°38'	73°42'	151°01'	130°45'	248°14'	259°56'	82°21'
09.09.2031	166°08'	79°42'	85°41'	152°46'	131°00'	248°52'	260°01'	82°24'
10.09.2031	167°07'	91°38'	97°33'	154°35'	131°17'	249°30'	260°05'	82°26'
11.09.2031	168°05'	103°28'	109°23'	156°24'	131°36'	250°08'	260°10'	82°29'
12.09.2031	169°03'	115°19'	121°16'	158°16'	131°57'	250°46'	260°14'	82°32'
13.09.2031	170°02'	127°14'	133°14'	160°08'	132°19'	251°24'	260°19'	82°34'
14.09.2031	171°00'	139°17'	145°21'	162°01'	132°43'	252°02'	260°24'	82°37'
15.09.2031	171°58'	151°29'	157°39'	163°55'	133°09'	252°41'	260°29'	82°39'
16.09.2031	172°57'	163°53'	170°09'	165°48'	133°37'	253°20'	260°35'	82°41'
17.09.2031	173°55'	176°28'	182°50'	167°42'	134°06'	253°59'	260°40'	82°43'
18.09.2031	174°54'	189°15'	195°43'	169°35'	134°36'	254°38'	260°46'	82°45'
19.09.2031	175°53'	202°14'	208°48'	171°28'	135°08'	255°18'	260°52'	82°47'
20.09.2031	176°51'	215°25'	222°04'	173°20'	135°42'	255°57'	260°58'	82°49'
21.09.2031	177°50'	228°46'	235°32'	175°12'	136°16'	256°37'	261°04'	82°50'
22.09.2031	178°48'	242°20'	249°11'	177°03'	136°52'	257°16'	261°10'	82°52'
23.09.2031	179°47'	256°05'	263°02'	178°53'	137°30'	257°56'	261°17'	82°53'
24.09.2031	180°46'	270°02'	277°05'	180°43'	138°08'	258°36'	261°23'	82°54'
25.09.2031	181°45'	284°12'	291°20'	182°31'	138°48'	259°17'	261°30'	82°56'
26.09.2031	182°43'	298°31'	305°44'	184°19'	139°29'	259°57'	261°37'	82°57'
27.09.2031	183°42'	312°59'	320°14'	186°06'	140°11'	260°38'	261°44'	82°58'
28.09.2031	184°41'	327°29'	334°44'	187°51'	140°54'	261°18'	261°51'	82°59'
29.09.2031	185°40'	341°57'	349°08'	189°36'	141°38'	261°59'	261°59'	82°59'
30.09.2031	186°39'	356°16'	3°21'	191°20'	142°22'	262°40'	262°06'	83°00'
01.10.2031	187°38'	10°21'	17°16'	193°03'	143°08'	263°21'	262°14'	83°01'
02.10.2031	188°37'	24°06'	30°51'	194°45'	143°55'	264°02'	262°21'	83°01'
03.10.2031	189°36'	37°30'	44°03'	196°27'	144°43'	264°43'	262°29'	83°01'
04.10.2031	190°35'	50°31'	56°53'	198°07'	145°31'	265°25'	262°37'	83°02'
05.10.2031	191°34'	63°10'	69°23'	199°47'	146°21'	266°06'	262°46'	83°02'
06.10.2031	192°33'	75°32'	81°37'	201°25'	147°11'	266°48'	262°54'	83°02'
07.10.2031	193°32'	87°39'	93°38'	203°03'	148°02'	267°30'	263°02'	83°02'
08.10.2031	194°31'	99°36'	105°32'	204°40'	148°53'	268°12'	263°11'	83°01'
09.10.2031	195°30'	111°28'	117°24'	206°17'	149°46'	268°54'	263°19'	83°01'
10.10.2031	196°30'	123°20'	129°18'	207°52'	150°39'	269°36'	263°28'	83°00'
11.10.2031	197°29'	135°17'	141°19'	209°27'	151°32'	270°18'	263°37'	83°00'
12.10.2031	198°28'	147°23'	153°31'	211°01'	152°27'	271°00'	263°46'	82°59'
13.10.2031	199°28'	159°42'	165°56'	212°35'	153°22'	271°43'	263°55'	82°58'
14.10.2031	200°27'	172°15'	178°37'	214°08'	154°17'	272°25'	264°05'	82°58'

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15.10.2031	201°26'	185°04'	191°35'	215°40'	155°13'	273°08'	264°14'	82°57'
16.10.2031	202°26'	198°10'	204°48'	217°11'	156°10'	273°51'	264°24'	82°55'
17.10.2031	203°25'	211°31'	218°17'	218°42'	157°07'	274°34'	264°33'	82°54'
18.10.2031	204°25'	225°06'	231°58'	220°12'	158°05'	275°17'	264°43'	82°53'
19.10.2031	205°24'	238°53'	245°50'	221°41'	159°03'	276°00'	264°53'	82°51'
20.10.2031	206°24'	252°49'	259°50'	223°09'	160°02'	276°43'	265°03'	82°50'
21.10.2031	207°24'	266°53'	273°56'	224°37'	161°01'	277°26'	265°13'	82°48'
22.10.2031	208°23'	281°01'	288°06'	226°05'	162°00'	278°09'	265°23'	82°47'
23.10.2031	209°23'	295°12'	302°18'	227°31'	163°00'	278°53'	265°33'	82°45'
24.10.2031	210°23'	309°24'	316°29'	228°57'	164°01'	279°36'	265°44'	82°43'
25.10.2031	211°23'	323°34'	330°38'	230°22'	165°02'	280°20'	265°54'	82°41'
26.10.2031	212°22'	337°40'	344°41'	231°46'	166°03'	281°04'	266°05'	82°38'
27.10.2031	213°22'	351°40'	358°37'	233°09'	167°05'	281°48'	266°15'	82°36'
28.10.2031	214°22'	5°30'	12°21'	234°32'	168°07'	282°31'	266°26'	82°34'
29.10.2031	215°22'	19°08'	25°52'	235°53'	169°09'	283°15'	266°37'	82°31'
30.10.2031	216°22'	32°31'	39°07'	237°14'	170°12'	283°59'	266°48'	82°29'
31.10.2031	217°22'	45°38'	52°05'	238°33'	171°15'	284°43'	266°59'	82°26'
01.11.2031	218°22'	58°28'	64°47'	239°52'	172°19'	285°28'	267°10'	82°23'
02.11.2031	219°22'	71°02'	77°13'	241°09'	173°22'	286°12'	267°21'	82°20'
03.11.2031	220°22'	83°21'	89°26'	242°24'	174°27'	286°56'	267°33'	82°18'
04.11.2031	221°22'	95°28'	101°27'	243°38'	175°31'	287°41'	267°44'	82°14'
05.11.2031	222°22'	107°25'	113°22'	244°51'	176°36'	288°25'	267°56'	82°11'
06.11.2031	223°22'	119°18'	125°14'	246°01'	177°41'	289°10'	268°07'	82°08'
07.11.2031	224°22'	131°10'	137°08'	247°10'	178°46'	289°54'	268°19'	82°05'
08.11.2031	225°22'	143°07'	149°08'	248°16'	179°52'	290°39'	268°30'	82°01'
09.11.2031	226°23'	155°12'	161°20'	249°20'	180°58'	291°23'	268°42'	81°58'
10.11.2031	227°23'	167°31'	173°47'	250°20'	182°04'	292°08'	268°54'	81°54'
11.11.2031	228°23'	180°07'	186°32'	251°18'	183°10'	292°53'	269°06'	81°51'
12.11.2031	229°23'	193°03'	199°39'	252°11'	184°17'	293°38'	269°18'	81°47'
13.11.2031	230°24'	206°20'	213°07'	253°01'	185°24'	294°23'	269°30'	81°43'
14.11.2031	231°24'	219°59'	226°56'	253°46'	186°31'	295°08'	269°42'	81°39'
15.11.2031	232°25'	233°58'	241°03'	254°26'	187°38'	295°53'	269°55'	81°35'
16.11.2031	233°25'	248°12'	255°24'	255°00'	188°46'	296°38'	270°07'	81°31'
17.11.2031	234°26'	262°38'	269°53'	255°27'	189°54'	297°23'	270°19'	81°27'
18.11.2031	235°26'	277°09'	284°25'	255°47'	191°02'	298°09'	270°32'	81°23'
19.11.2031	236°27'	291°41'	298°55'	256°00'	192°10'	298°54'	270°44'	81°19'
20.11.2031	237°27'	306°07'	313°17'	256°03'	193°18'	299°39'	270°57'	81°15'
21.11.2031	238°28'	320°24'	327°28'	255°57'	194°27'	300°25'	271°09'	81°10'
22.11.2031	239°28'	334°29'	341°27'	255°41'	195°35'	301°10'	271°22'	81°06'
23.11.2031	240°29'	348°21'	355°12'	255°15'	196°44'	301°56'	271°35'	81°02'
24.11.2031	241°30'	2°00'	8°44'	254°38'	197°53'	302°41'	271°48'	80°57'
25.11.2031	242°30'	15°24'	22°01'	253°50'	199°03'	303°27'	272°01'	80°53'
26.11.2031	243°31'	28°35'	35°06'	252°52'	200°12'	304°12'	272°13'	80°48'
27.11.2031	244°32'	41°34'	47°58'	251°46'	201°22'	304°58'	272°26'	80°43'
28.11.2031	245°32'	54°19'	60°37'	250°32'	202°31'	305°44'	272°39'	80°39'
29.11.2031	246°33'	66°53'	73°05'	249°12'	203°41'	306°29'	272°52'	80°34'
30.11.2031	247°34'	79°15'	85°22'	247°50'	204°51'	307°15'	273°05'	80°29'
01.12.2031	248°34'	91°27'	97°29'	246°28'	206°02'	308°01'	273°19'	80°25'
02.12.2031	249°35'	103°30'	109°29'	245°08'	207°12'	308°46'	273°32'	80°20'
03.12.2031	250°36'	115°26'	121°23'	243°54'	208°22'	309°32'	273°45'	80°15'
04.12.2031	251°37'	127°18'	133°14'	242°47'	209°33'	310°18'	273°58'	80°10'
05.12.2031	252°38'	139°10'	145°07'	241°50'	210°44'	311°04'	274°12'	80°05'
06.12.2031	253°39'	151°05'	157°04'	241°03'	211°55'	311°50'	274°25'	80°00'
07.12.2031	254°40'	163°07'	169°12'	240°28'	213°06'	312°36'	274°38'	79°55'
08.12.2031	255°40'	175°22'	181°35'	240°04'	214°17'	313°22'	274°52'	79°50'

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09.12.2031	256°41'	187°53'	194°17'	239°51'	215°28'	314°08'	275°05'	79°45'
10.12.2031	257°42'	200°47'	207°22'	239°49'	216°39'	314°54'	275°19'	79°41'
11.12.2031	258°43'	214°05'	220°54'	239°57'	217°51'	315°40'	275°32'	79°36'
12.12.2031	259°44'	227°49'	234°51'	240°15'	219°02'	316°26'	275°46'	79°31'
13.12.2031	260°45'	242°00'	249°14'	240°41'	220°14'	317°12'	275°59'	79°26'
14.12.2031	261°46'	256°33'	263°57'	241°15'	221°26'	317°58'	276°13'	79°21'
15.12.2031	262°47'	271°24'	278°53'	241°55'	222°38'	318°44'	276°27'	79°16'
16.12.2031	263°49'	286°24'	293°54'	242°42'	223°50'	319°30'	276°40'	79°11'
17.12.2031	264°50'	301°23'	308°50'	243°33'	225°02'	320°16'	276°54'	79°06'
18.12.2031	265°51'	316°14'	323°33'	244°30'	226°14'	321°03'	277°08'	79°01'
19.12.2031	266°52'	330°48'	337°58'	245°31'	227°26'	321°49'	277°22'	78°56'
20.12.2031	267°53'	345°02'	352°01'	246°35'	228°38'	322°35'	277°35'	78°51'
21.12.2031	268°54'	358°54'	5°41'	247°42'	229°51'	323°21'	277°49'	78°46'
22.12.2031	269°55'	12°23'	19°01'	248°52'	231°03'	324°07'	278°03'	78°42'
23.12.2031	270°56'	25°33'	32°02'	250°05'	232°15'	324°53'	278°17'	78°37'
24.12.2031	271°57'	38°26'	44°47'	251°20'	233°28'	325°40'	278°30'	78°32'
25.12.2031	272°58'	51°04'	57°19'	252°36'	234°41'	326°26'	278°44'	78°27'
26.12.2031	274°00'	63°31'	69°41'	253°55'	235°53'	327°12'	278°58'	78°23'
27.12.2031	275°01'	75°48'	81°53'	255°15'	237°06'	327°58'	279°12'	78°18'
28.12.2031	276°02'	87°57'	93°59'	256°36'	238°19'	328°44'	279°26'	78°13'
29.12.2031	277°03'	100°00'	106°00'	257°58'	239°32'	329°31'	279°40'	78°09'
30.12.2031	278°04'	111°58'	117°55'	259°21'	240°45'	330°17'	279°54'	78°04'
31.12.2031	279°05'	123°52'	129°48'	260°45'	241°58'	331°03'	280°08'	78°00'
01.01.2032	280°06'	135°44'	141°39'	262°10'	243°11'	331°49'	280°21'	77°55'
02.01.2032	281°07'	147°35'	153°32'	263°36'	244°24'	332°35'	280°35'	77°51'
03.01.2032	282°09'	159°30'	165°29'	265°03'	245°37'	333°22'	280°49'	77°47'
04.01.2032	283°10'	171°31'	177°35'	266°30'	246°50'	334°08'	281°03'	77°43'
05.01.2032	284°11'	183°42'	189°53'	267°58'	248°04'	334°54'	281°17'	77°38'
06.01.2032	285°12'	196°08'	202°28'	269°26'	249°17'	335°40'	281°31'	77°34'
07.01.2032	286°13'	208°53'	215°25'	270°55'	250°30'	336°26'	281°45'	77°30'
08.01.2032	287°14'	222°04'	228°49'	272°24'	251°44'	337°12'	281°59'	77°26'
09.01.2032	288°16'	235°42'	242°42'	273°54'	252°57'	337°59'	282°12'	77°22'
10.01.2032	289°17'	249°49'	257°04'	275°24'	254°11'	338°45'	282°26'	77°19'
11.01.2032	290°18'	264°25'	271°52'	276°55'	255°24'	339°31'	282°40'	77°15'
12.01.2032	291°19'	279°24'	287°00'	278°27'	256°38'	340°17'	282°54'	77°11'
13.01.2032	292°20'	294°39'	302°19'	279°59'	257°52'	341°03'	283°08'	77°08'
14.01.2032	293°21'	309°58'	317°36'	281°31'	259°05'	341°49'	283°22'	77°04'
15.01.2032	294°23'	325°11'	332°41'	283°04'	260°19'	342°35'	283°35'	77°01'
16.01.2032	295°24'	340°06'	347°24'	284°37'	261°33'	343°21'	283°49'	76°57'
17.01.2032	296°25'	354°36'	1°41'	286°11'	262°46'	344°07'	284°03'	76°54'
18.01.2032	297°26'	8°39'	15°29'	287°45'	264°00'	344°53'	284°17'	76°51'
19.01.2032	298°27'	22°13'	28°50'	289°20'	265°14'	345°39'	284°30'	76°48'
20.01.2032	299°28'	35°22'	41°47'	290°55'	266°28'	346°25'	284°44'	76°45'
21.01.2032	300°29'	48°08'	54°24'	292°31'	267°42'	347°11'	284°58'	76°42'
22.01.2032	301°30'	60°37'	66°46'	294°07'	268°56'	347°57'	285°11'	76°39'
23.01.2032	302°31'	72°52'	78°56'	295°44'	270°09'	348°43'	285°25'	76°36'
24.01.2032	303°32'	84°58'	90°58'	297°22'	271°23'	349°29'	285°39'	76°34'
25.01.2032	304°33'	96°57'	102°55'	299°00'	272°37'	350°15'	285°52'	76°31'
26.01.2032	305°34'	108°52'	114°49'	300°38'	273°51'	351°01'	286°06'	76°29'
27.01.2032	306°35'	120°46'	126°42'	302°18'	275°05'	351°47'	286°19'	76°27'
28.01.2032	307°36'	132°38'	138°35'	303°58'	276°19'	352°32'	286°33'	76°25'
29.01.2032	308°37'	144°31'	150°29'	305°38'	277°33'	353°18'	286°46'	76°22'
30.01.2032	309°38'	156°27'	162°25'	307°20'	278°47'	354°04'	287°00'	76°20'
31.01.2032	310°39'	168°25'	174°26'	309°02'	280°01'	354°50'	287°13'	76°19'
01.02.2032	311°40'	180°29'	186°35'	310°44'	281°15'	355°35'	287°26'	76°17'

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02.02.2032	312°41'	192°43'	198°53'	312°27'	282°30'	356°21'	287°40'	76°15'
03.02.2032	313°42'	205°08'	211°27'	314°11'	283°44'	357°07'	287°53'	76°14'
04.02.2032	314°43'	217°50'	224°18'	315°56'	284°58'	357°52'	288°06'	76°12'
05.02.2032	315°44'	230°53'	237°33'	317°42'	286°12'	358°38'	288°19'	76°11'
06.02.2032	316°44'	244°20'	251°14'	319°28'	287°26'	359°23'	288°32'	76°10'
07.02.2032	317°45'	258°16'	265°24'	321°14'	288°40'	0°09'	288°45'	76°08'
08.02.2032	318°46'	272°40'	280°02'	323°02'	289°55'	0°54'	288°58'	76°07'
09.02.2032	319°47'	287°29'	295°02'	324°49'	291°09'	1°40'	289°11'	76°07'
10.02.2032	320°48'	302°39'	310°18'	326°38'	292°23'	2°25'	289°24'	76°06'
11.02.2032	321°48'	317°59'	325°39'	328°26'	293°37'	3°11'	289°37'	76°05'
12.02.2032	322°49'	333°17'	340°52'	330°16'	294°52'	3°56'	289°50'	76°05'
13.02.2032	323°50'	348°23'	355°47'	332°05'	296°06'	4°41'	290°03'	76°04'
14.02.2032	324°51'	3°06'	10°17'	333°54'	297°20'	5°27'	290°15'	76°04'
15.02.2032	325°51'	17°21'	24°17'	335°44'	298°34'	6°12'	290°28'	76°04'
16.02.2032	326°52'	31°05'	37°47'	337°33'	299°49'	6°57'	290°40'	76°04'
17.02.2032	327°52'	44°21'	50°50'	339°21'	301°03'	7°42'	290°53'	76°04'
18.02.2032	328°53'	57°12'	63°29'	341°09'	302°17'	8°27'	291°05'	76°04'
19.02.2032	329°54'	69°41'	75°49'	342°56'	303°31'	9°13'	291°18'	76°04'
20.02.2032	330°54'	81°54'	87°56'	344°41'	304°46'	9°58'	291°30'	76°04'
21.02.2032	331°55'	93°56'	99°54'	346°24'	306°00'	10°43'	291°42'	76°05'
22.02.2032	332°55'	105°51'	111°47'	348°05'	307°14'	11°28'	291°54'	76°05'
23.02.2032	333°55'	117°43'	123°38'	349°43'	308°29'	12°13'	292°07'	76°06'
24.02.2032	334°56'	129°34'	135°31'	351°18'	309°43'	12°58'	292°19'	76°07'
25.02.2032	335°56'	141°28'	147°25'	352°49'	310°57'	13°42'	292°31'	76°08'
26.02.2032	336°57'	153°24'	159°24'	354°15'	312°11'	14°27'	292°42'	76°09'
27.02.2032	337°57'	165°26'	171°29'	355°36'	313°26'	15°12'	292°54'	76°10'
28.02.2032	338°57'	177°33'	183°40'	356°52'	314°40'	15°57'	293°06'	76°11'
29.02.2032	339°57'	189°48'	195°58'	358°01'	315°54'	16°41'	293°18'	76°13'
01.03.2032	340°58'	202°11'	208°27'	359°03'	317°09'	17°26'	293°29'	76°14'
02.03.2032	341°58'	214°46'	221°08'	359°57'	318°23'	18°11'	293°41'	76°16'
03.03.2032	342°58'	227°33'	234°03'	0°44'	319°37'	18°55'	293°52'	76°18'
04.03.2032	343°58'	240°38'	247°17'	1°21'	320°52'	19°40'	294°03'	76°19'
05.03.2032	344°58'	254°02'	260°52'	1°51'	322°06'	20°24'	294°15'	76°21'
06.03.2032	345°58'	267°48'	274°50'	2°11'	323°20'	21°09'	294°26'	76°23'
07.03.2032	346°58'	281°58'	289°11'	2°21'	324°35'	21°53'	294°37'	76°25'
08.03.2032	347°59'	296°29'	303°52'	2°23'	325°49'	22°38'	294°48'	76°28'
09.03.2032	348°59'	311°19'	318°49'	2°16'	327°03'	23°22'	294°58'	76°30'
10.03.2032	349°59'	326°21'	333°53'	2°00'	328°18'	24°06'	295°09'	76°32'
11.03.2032	350°58'	341°25'	348°55'	1°35'	329°32'	24°50'	295°20'	76°35'
12.03.2032	351°58'	356°22'	3°44'	1°03'	330°46'	25°35'	295°30'	76°38'
13.03.2032	352°58'	11°02'	18°14'	0°25'	332°01'	26°19'	295°41'	76°40'
14.03.2032	353°58'	25°19'	32°18'	359°40'	333°15'	27°03'	295°51'	76°43'
15.03.2032	354°58'	39°10'	45°55'	358°51'	334°29'	27°47'	296°02'	76°46'
16.03.2032	355°58'	52°33'	59°05'	357°58'	335°43'	28°31'	296°12'	76°49'
17.03.2032	356°58'	65°30'	71°50'	357°03'	336°58'	29°15'	296°22'	76°53'
18.03.2032	357°57'	78°05'	84°16'	356°07'	338°12'	29°59'	296°32'	76°56'
19.03.2032	358°57'	90°22'	96°26'	355°11'	339°26'	30°43'	296°41'	76°59'
20.03.2032	359°57'	102°26'	108°25'	354°16'	340°41'	31°27'	296°51'	77°03'
21.03.2032	0°56'	114°22'	120°18'	353°24'	341°55'	32°10'	297°01'	77°06'
22.03.2032	1°56'	126°13'	132°09'	352°34'	343°09'	32°54'	297°10'	77°10'
23.03.2032	2°55'	138°05'	144°02'	351°49'	344°23'	33°38'	297°20'	77°14'
24.03.2032	3°55'	150°01'	156°01'	351°09'	345°38'	34°22'	297°29'	77°18'
25.03.2032	4°54'	162°02'	168°06'	350°33'	346°52'	35°05'	297°38'	77°21'
26.03.2032	5°54'	174°12'	180°20'	350°04'	348°06'	35°49'	297°47'	77°26'
27.03.2032	6°53'	186°31'	192°44'	349°40'	349°20'	36°32'	297°56'	77°30'

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28.03.2032	7°52'	199°00'	205°19'	349°22'	350°34'	37°16'	298°05'	77°34'
29.03.2032	8°52'	211°41'	218°05'	349°09'	351°49'	37°59'	298°13'	77°38'
30.03.2032	9°51'	224°33'	231°04'	349°03'	353°03'	38°42'	298°22'	77°43'
31.03.2032	10°50'	237°38'	244°16'	349°03'	354°17'	39°26'	298°30'	77°47'
01.04.2032	11°49'	250°56'	257°41'	349°07'	355°31'	40°09'	298°38'	77°52'
02.04.2032	12°49'	264°29'	271°21'	349°18'	356°45'	40°52'	298°46'	77°56'
03.04.2032	13°48'	278°17'	285°17'	349°33'	358°00'	41°35'	298°54'	78°01'
04.04.2032	14°47'	292°20'	299°27'	349°54'	359°14'	42°19'	299°02'	78°06'
05.04.2032	15°46'	306°37'	313°51'	350°19'	0°28'	43°02'	299°10'	78°11'
06.04.2032	16°45'	321°06'	328°23'	350°49'	1°42'	43°45'	299°17'	78°16'
07.04.2032	17°44'	335°42'	343°01'	351°23'	2°56'	44°28'	299°25'	78°21'
08.04.2032	18°43'	350°19'	357°36'	352°01'	4°10'	45°11'	299°32'	78°26'
09.04.2032	19°42'	4°52'	12°04'	352°43'	5°25'	45°54'	299°39'	78°31'
10.04.2032	20°41'	19°13'	26°18'	353°28'	6°39'	46°36'	299°46'	78°36'
11.04.2032	21°40'	33°18'	40°13'	354°17'	7°53'	47°19'	299°53'	78°42'
12.04.2032	22°39'	47°02'	53°45'	355°09'	9°07'	48°02'	300°00'	78°47'
13.04.2032	23°38'	60°23'	66°56'	356°04'	10°21'	48°45'	300°06'	78°53'
14.04.2032	24°37'	73°22'	79°44'	357°03'	11°35'	49°28'	300°13'	78°58'
15.04.2032	25°35'	86°01'	92°13'	358°04'	12°49'	50°10'	300°19'	79°04'
16.04.2032	26°34'	98°22'	104°27'	359°07'	14°03'	50°53'	300°25'	79°09'
17.04.2032	27°33'	110°29'	116°29'	0°14'	15°17'	51°35'	300°31'	79°15'
18.04.2032	28°31'	122°27'	128°24'	1°22'	16°31'	52°18'	300°37'	79°21'
19.04.2032	29°30'	134°20'	140°16'	2°34'	17°45'	53°00'	300°42'	79°27'
20.04.2032	30°29'	146°13'	152°11'	3°47'	18°59'	53°43'	300°48'	79°33'
21.04.2032	31°27'	158°11'	164°12'	5°03'	20°13'	54°25'	300°53'	79°39'
22.04.2032	32°26'	170°16'	176°23'	6°21'	21°27'	55°07'	300°58'	79°45'
23.04.2032	33°24'	182°32'	188°46'	7°41'	22°41'	55°50'	301°03'	79°51'
24.04.2032	34°23'	195°02'	201°23'	9°03'	23°55'	56°32'	301°08'	79°58'
25.04.2032	35°21'	207°47'	214°15'	10°27'	25°09'	57°14'	301°12'	80°04'
26.04.2032	36°19'	220°47'	227°23'	11°53'	26°23'	57°56'	301°17'	80°10'
27.04.2032	37°18'	234°02'	240°46'	13°21'	27°37'	58°38'	301°21'	80°17'
28.04.2032	38°16'	247°32'	254°22'	14°51'	28°51'	59°20'	301°25'	80°23'
29.04.2032	39°14'	261°14'	268°10'	16°22'	30°05'	60°02'	301°29'	80°29'
30.04.2032	40°13'	275°08'	282°08'	17°56'	31°19'	60°44'	301°33'	80°36'
01.05.2032	41°11'	289°10'	296°14'	19°32'	32°33'	61°26'	301°36'	80°43'
02.05.2032	42°09'	303°19'	310°25'	21°09'	33°47'	62°08'	301°39'	80°49'
03.05.2032	43°07'	317°32'	324°39'	22°48'	35°01'	62°50'	301°43'	80°56'
04.05.2032	44°06'	331°47'	338°54'	24°29'	36°15'	63°31'	301°46'	81°03'
05.05.2032	45°04'	346°01'	353°07'	26°12'	37°29'	64°13'	301°49'	81°10'
06.05.2032	46°02'	0°11'	7°14'	27°57'	38°43'	64°55'	301°51'	81°16'
07.05.2032	47°00'	14°15'	21°13'	29°44'	39°57'	65°37'	301°54'	81°23'
08.05.2032	47°58'	28°09'	35°01'	31°32'	41°10'	66°18'	301°56'	81°30'
09.05.2032	48°56'	41°50'	48°35'	33°23'	42°24'	67°00'	301°58'	81°37'
10.05.2032	49°54'	55°16'	61°53'	35°15'	43°38'	67°41'	302°00'	81°44'
11.05.2032	50°52'	68°26'	74°54'	37°09'	44°52'	68°23'	302°02'	81°51'
12.05.2032	51°50'	81°18'	87°38'	39°06'	46°06'	69°04'	302°03'	81°58'
13.05.2032	52°48'	93°54'	100°05'	41°03'	47°20'	69°45'	302°05'	82°06'
14.05.2032	53°46'	106°14'	112°19'	43°03'	48°34'	70°27'	302°06'	82°13'
15.05.2032	54°44'	118°22'	124°22'	45°05'	49°48'	71°08'	302°07'	82°20'
16.05.2032	55°42'	130°20'	136°18'	47°08'	51°01'	71°49'	302°07'	82°27'
17.05.2032	56°40'	142°14'	148°11'	49°13'	52°15'	72°31'	302°08'	82°35'
18.05.2032	57°37'	154°08'	160°06'	51°19'	53°29'	73°12'	302°08'	82°42'
19.05.2032	58°35'	166°05'	172°07'	53°26'	54°43'	73°53'	302°09'	82°49'
20.05.2032	59°33'	178°12'	184°20'	55°35'	55°57'	74°34'	302°09'	82°57'
21.05.2032	60°31'	190°31'	196°47'	57°45'	57°10'	75°15'	302°09'	83°04'

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22.05.2032	61°28'	203°08'	209°33'	59°56'	58°24'	75°56'	302°08'	83°11'
23.05.2032	62°26'	216°04'	222°39'	62°07'	59°38'	76°37'	302°08'	83°19'
24.05.2032	63°24'	229°20'	236°06'	64°19'	60°52'	77°18'	302°07'	83°26'
25.05.2032	64°21'	242°57'	249°53'	66°31'	62°05'	77°59'	302°06'	83°34'
26.05.2032	65°19'	256°53'	263°56'	68°42'	63°19'	78°40'	302°05'	83°41'
27.05.2032	66°16'	271°03'	278°13'	70°53'	64°33'	79°20'	302°04'	83°49'
28.05.2032	67°14'	285°24'	292°36'	73°04'	65°47'	80°01'	302°02'	83°57'
29.05.2032	68°12'	299°49'	307°02'	75°13'	67°00'	80°42'	302°00'	84°04'
30.05.2032	69°09'	314°15'	321°26'	77°21'	68°14'	81°23'	301°59'	84°12'
31.05.2032	70°07'	328°35'	335°43'	79°28'	69°28'	82°03'	301°56'	84°20'
01.06.2032	71°04'	342°48'	349°50'	81°33'	70°42'	82°44'	301°54'	84°27'
02.06.2032	72°02'	356°50'	3°48'	83°36'	71°55'	83°24'	301°52'	84°35'
03.06.2032	72°59'	10°42'	17°33'	85°37'	73°09'	84°05'	301°49'	84°43'
04.06.2032	73°57'	24°22'	31°07'	87°36'	74°23'	84°45'	301°46'	84°50'
05.06.2032	74°54'	37°50'	44°29'	89°32'	75°37'	85°26'	301°44'	84°58'
06.06.2032	75°52'	51°06'	57°39'	91°27'	76°50'	86°06'	301°40'	85°06'
07.06.2032	76°49'	64°10'	70°37'	93°19'	78°04'	86°47'	301°37'	85°14'
08.06.2032	77°46'	77°01'	83°22'	95°08'	79°18'	87°27'	301°34'	85°21'
09.06.2032	78°44'	89°40'	95°54'	96°55'	80°32'	88°07'	301°30'	85°29'
10.06.2032	79°41'	102°06'	108°15'	98°39'	81°45'	88°48'	301°26'	85°37'
11.06.2032	80°39'	114°20'	120°24'	100°21'	82°59'	89°28'	301°22'	85°45'
12.06.2032	81°36'	126°25'	132°24'	102°00'	84°13'	90°08'	301°18'	85°52'
13.06.2032	82°33'	138°22'	144°19'	103°37'	85°27'	90°48'	301°13'	86°00'
14.06.2032	83°31'	150°14'	156°10'	105°11'	86°40'	91°28'	301°09'	86°08'
15.06.2032	84°28'	162°06'	168°04'	106°42'	87°54'	92°09'	301°04'	86°16'
16.06.2032	85°25'	174°02'	180°03'	108°10'	89°08'	92°49'	300°59'	86°24'
17.06.2032	86°23'	186°07'	192°15'	109°36'	90°21'	93°29'	300°55'	86°32'
18.06.2032	87°20'	198°26'	204°42'	110°59'	91°35'	94°09'	300°49'	86°39'
19.06.2032	88°17'	211°03'	217°30'	112°20'	92°49'	94°49'	300°44'	86°47'
20.06.2032	89°14'	224°03'	230°43'	113°37'	94°03'	95°29'	300°39'	86°55'
21.06.2032	90°12'	237°29'	244°21'	114°52'	95°16'	96°08'	300°33'	87°03'
22.06.2032	91°09'	251°20'	258°24'	116°03'	96°30'	96°48'	300°27'	87°11'
23.06.2032	92°06'	265°35'	272°50'	117°12'	97°44'	97°28'	300°22'	87°18'
24.06.2032	93°03'	280°10'	287°32'	118°18'	98°57'	98°08'	300°16'	87°26'
25.06.2032	94°00'	294°57'	302°23'	119°20'	100°11'	98°48'	300°10'	87°34'
26.06.2032	94°58'	309°48'	317°13'	120°20'	101°25'	99°27'	300°03'	87°42'
27.06.2032	95°55'	324°36'	331°56'	121°16'	102°39'	100°07'	299°57'	87°50'
28.06.2032	96°52'	339°13'	346°25'	122°08'	103°52'	100°47'	299°51'	87°57'
29.06.2032	97°49'	353°33'	0°37'	122°57'	105°06'	101°26'	299°44'	88°05'
30.06.2032	98°46'	7°35'	14°30'	123°43'	106°20'	102°06'	299°37'	88°13'
01.07.2032	99°44'	21°19'	28°04'	124°25'	107°33'	102°46'	299°31'	88°21'
02.07.2032	100°41'	34°45'	41°22'	125°02'	108°47'	103°25'	299°24'	88°28'
03.07.2032	101°38'	47°55'	54°25'	125°36'	110°01'	104°05'	299°17'	88°36'
04.07.2032	102°35'	60°51'	67°14'	126°06'	111°14'	104°44'	299°10'	88°44'
05.07.2032	103°33'	73°35'	79°53'	126°32'	112°28'	105°24'	299°03'	88°51'
06.07.2032	104°30'	86°08'	92°21'	126°53'	113°42'	106°03'	298°55'	88°59'
07.07.2032	105°27'	98°31'	104°40'	127°10'	114°56'	106°42'	298°48'	89°07'
08.07.2032	106°24'	110°46'	116°50'	127°22'	116°09'	107°22'	298°41'	89°14'
09.07.2032	107°21'	122°52'	128°52'	127°30'	117°23'	108°01'	298°33'	89°22'
10.07.2032	108°19'	134°51'	140°48'	127°33'	118°37'	108°41'	298°26'	89°29'
11.07.2032	109°16'	146°44'	152°40'	127°31'	119°51'	109°20'	298°18'	89°37'
12.07.2032	110°13'	158°35'	164°30'	127°24'	121°04'	109°59'	298°11'	89°44'
13.07.2032	111°10'	170°25'	176°22'	127°13'	122°18'	110°38'	298°03'	89°52'
14.07.2032	112°08'	182°19'	188°19'	126°57'	123°32'	111°18'	297°56'	89°59'
15.07.2032	113°05'	194°22'	200°28'	126°37'	124°45'	111°57'	297°48'	90°07'

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16.07.2032	114°02'	206°38'	212°53'	126°12'	125°59'	112°36'	297°40'	90°14'
17.07.2032	114°59'	219°12'	225°38'	125°43'	127°13'	113°15'	297°32'	90°21'
18.07.2032	115°56'	232°10'	238°49'	125°11'	128°27'	113°54'	297°25'	90°29'
19.07.2032	116°54'	245°36'	252°29'	124°36'	129°40'	114°33'	297°17'	90°36'
20.07.2032	117°51'	259°30'	266°38'	123°58'	130°54'	115°12'	297°09'	90°43'
21.07.2032	118°48'	273°53'	281°14'	123°18'	132°08'	115°51'	297°01'	90°51'
22.07.2032	119°45'	288°41'	296°11'	122°37'	133°21'	116°30'	296°54'	90°58'
23.07.2032	120°43'	303°45'	311°21'	121°55'	134°35'	117°09'	296°46'	91°05'
24.07.2032	121°40'	318°57'	326°32'	121°13'	135°49'	117°48'	296°38'	91°12'
25.07.2032	122°37'	334°05'	341°35'	120°32'	137°02'	118°27'	296°31'	91°19'
26.07.2032	123°35'	349°00'	356°20'	119°52'	138°16'	119°06'	296°23'	91°26'
27.07.2032	124°32'	3°35'	10°43'	119°15'	139°30'	119°45'	296°15'	91°33'
28.07.2032	125°29'	17°45'	24°41'	118°41'	140°43'	120°24'	296°08'	91°40'
29.07.2032	126°27'	31°31'	38°15'	118°10'	141°57'	121°02'	296°00'	91°47'
30.07.2032	127°24'	44°54'	51°27'	117°43'	143°11'	121°41'	295°53'	91°54'
31.07.2032	128°21'	57°56'	64°20'	117°22'	144°24'	122°20'	295°45'	92°01'
01.08.2032	129°19'	70°41'	76°57'	117°05'	145°38'	122°59'	295°38'	92°08'
02.08.2032	130°16'	83°11'	89°22'	116°54'	146°52'	123°38'	295°31'	92°14'
03.08.2032	131°14'	95°31'	101°37'	116°49'	148°05'	124°16'	295°23'	92°21'
04.08.2032	132°11'	107°42'	113°44'	116°51'	149°19'	124°55'	295°16'	92°28'
05.08.2032	133°08'	119°45'	125°45'	116°59'	150°33'	125°34'	295°09'	92°34'
06.08.2032	134°06'	131°44'	137°41'	117°13'	151°46'	126°12'	295°02'	92°41'
07.08.2032	135°03'	143°37'	149°33'	117°34'	153°00'	126°51'	294°55'	92°47'
08.08.2032	136°01'	155°28'	161°23'	118°02'	154°14'	127°30'	294°49'	92°54'
09.08.2032	136°59'	167°18'	173°13'	118°36'	155°27'	128°08'	294°42'	93°00'
10.08.2032	137°56'	179°09'	185°06'	119°17'	156°41'	128°47'	294°35'	93°07'
11.08.2032	138°54'	191°04'	197°05'	120°05'	157°55'	129°25'	294°29'	93°13'
12.08.2032	139°51'	203°07'	209°13'	120°59'	159°08'	130°04'	294°23'	93°19'
13.08.2032	140°49'	215°23'	221°36'	121°59'	160°22'	130°42'	294°16'	93°25'
14.08.2032	141°46'	227°55'	234°19'	123°06'	161°35'	131°21'	294°10'	93°31'
15.08.2032	142°44'	240°49'	247°25'	124°18'	162°49'	131°59'	294°04'	93°37'
16.08.2032	143°42'	254°09'	260°59'	125°36'	164°03'	132°38'	293°58'	93°43'
17.08.2032	144°39'	267°58'	275°03'	126°59'	165°16'	133°16'	293°53'	93°49'
18.08.2032	145°37'	282°16'	289°36'	128°28'	166°30'	133°55'	293°47'	93°55'
19.08.2032	146°35'	297°02'	304°33'	130°01'	167°43'	134°33'	293°42'	94°01'
20.08.2032	147°32'	312°08'	319°46'	131°39'	168°57'	135°11'	293°37'	94°07'
21.08.2032	148°30'	327°26'	335°06'	133°20'	170°10'	135°50'	293°31'	94°12'
22.08.2032	149°28'	342°44'	350°20'	135°05'	171°24'	136°28'	293°26'	94°18'
23.08.2032	150°26'	357°52'	5°19'	136°53'	172°37'	137°06'	293°22'	94°23'
24.08.2032	151°24'	12°40'	19°54'	138°44'	173°51'	137°45'	293°17'	94°29'
25.08.2032	152°21'	27°02'	34°03'	140°37'	175°04'	138°23'	293°13'	94°34'
26.08.2032	153°19'	40°57'	47°44'	142°32'	176°18'	139°01'	293°08'	94°39'
27.08.2032	154°17'	54°24'	60°59'	144°28'	177°31'	139°40'	293°04'	94°45'
28.08.2032	155°15'	67°28'	73°51'	146°25'	178°45'	140°18'	293°00'	94°50'
29.08.2032	156°13'	80°10'	86°24'	148°23'	179°58'	140°56'	292°56'	94°55'
30.08.2032	157°11'	92°35'	98°43'	150°21'	181°11'	141°34'	292°53'	95°00'
31.08.2032	158°09'	104°48'	110°50'	152°20'	182°25'	142°12'	292°49'	95°05'
01.09.2032	159°07'	116°51'	122°50'	154°18'	183°38'	142°51'	292°46'	95°10'
02.09.2032	160°05'	128°48'	134°45'	156°16'	184°52'	143°29'	292°43'	95°14'
03.09.2032	161°03'	140°41'	146°36'	158°13'	186°05'	144°07'	292°40'	95°19'
04.09.2032	162°01'	152°32'	158°27'	160°10'	187°18'	144°45'	292°37'	95°24'
05.09.2032	163°00'	164°23'	170°19'	162°06'	188°32'	145°23'	292°34'	95°28'
06.09.2032	163°58'	176°15'	182°13'	164°01'	189°45'	146°01'	292°32'	95°33'
07.09.2032	164°56'	188°11'	194°11'	165°55'	190°58'	146°39'	292°30'	95°37'
08.09.2032	165°54'	200°12'	206°16'	167°48'	192°12'	147°17'	292°28'	95°41'

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09.09.2032	166°53'	212°21'	218°30'	169°40'	193°25'	147°56'	292°26'	95°45'
10.09.2032	167°51'	224°42'	230°57'	171°31'	194°38'	148°34'	292°25'	95°49'
11.09.2032	168°49'	237°17'	243°42'	173°21'	195°52'	149°12'	292°23'	95°53'
12.09.2032	169°48'	250°11'	256°46'	175°09'	197°05'	149°50'	292°22'	95°57'
13.09.2032	170°46'	263°27'	270°14'	176°57'	198°18'	150°28'	292°21'	96°01'
14.09.2032	171°44'	277°08'	284°08'	178°43'	199°31'	151°06'	292°20'	96°05'
15.09.2032	172°43'	291°15'	298°28'	180°29'	200°44'	151°44'	292°19'	96°08'
16.09.2032	173°41'	305°48'	313°12'	182°13'	201°58'	152°22'	292°19'	96°12'
17.09.2032	174°40'	320°41'	328°13'	183°56'	203°11'	152°59'	292°19'	96°15'
18.09.2032	175°38'	335°48'	343°24'	185°39'	204°24'	153°37'	292°19'	96°19'
19.09.2032	176°37'	351°00'	358°34'	187°20'	205°37'	154°15'	292°19'	96°22'
20.09.2032	177°35'	6°06'	13°34'	189°00'	206°50'	154°53'	292°19'	96°25'
21.09.2032	178°34'	20°57'	28°15'	190°39'	208°03'	155°31'	292°20'	96°28'
22.09.2032	179°33'	35°27'	42°32'	192°17'	209°16'	156°09'	292°20'	96°31'
23.09.2032	180°31'	49°30'	56°21'	193°54'	210°29'	156°47'	292°21'	96°34'
24.09.2032	181°30'	63°06'	69°44'	195°30'	211°42'	157°25'	292°22'	96°37'
25.09.2032	182°29'	76°15'	82°41'	197°06'	212°55'	158°02'	292°24'	96°39'
26.09.2032	183°28'	89°02'	95°17'	198°40'	214°08'	158°40'	292°25'	96°42'
27.09.2032	184°26'	101°28'	107°36'	200°13'	215°21'	159°18'	292°27'	96°44'
28.09.2032	185°25'	113°40'	119°41'	201°46'	216°34'	159°56'	292°29'	96°47'
29.09.2032	186°24'	125°40'	131°38'	203°17'	217°47'	160°34'	292°31'	96°49'
30.09.2032	187°23'	137°34'	143°30'	204°48'	219°00'	161°12'	292°33'	96°51'
01.10.2032	188°22'	149°25'	155°20'	206°18'	220°13'	161°49'	292°35'	96°53'
02.10.2032	189°21'	161°16'	167°12'	207°47'	221°26'	162°27'	292°38'	96°55'
03.10.2032	190°20'	173°09'	179°08'	209°15'	222°39'	163°05'	292°41'	96°57'
04.10.2032	191°19'	185°07'	191°09'	210°42'	223°51'	163°43'	292°44'	96°59'
05.10.2032	192°18'	197°12'	203°18'	212°08'	225°04'	164°20'	292°47'	97°00'
06.10.2032	193°18'	209°25'	215°35'	213°33'	226°17'	164°58'	292°50'	97°02'
07.10.2032	194°17'	221°48'	228°04'	214°57'	227°30'	165°36'	292°54'	97°03'
08.10.2032	195°16'	234°22'	240°45'	216°20'	228°42'	166°13'	292°58'	97°04'
09.10.2032	196°15'	247°10'	253°40'	217°43'	229°55'	166°51'	293°02'	97°06'
10.10.2032	197°15'	260°13'	266°51'	219°04'	231°08'	167°29'	293°06'	97°07'
11.10.2032	198°14'	273°33'	280°20'	220°24'	232°21'	168°06'	293°10'	97°07'
12.10.2032	199°13'	287°11'	294°08'	221°43'	233°33'	168°44'	293°14'	97°08'
13.10.2032	200°13'	301°09'	308°15'	223°00'	234°46'	169°22'	293°19'	97°09'
14.10.2032	201°12'	315°25'	322°39'	224°16'	235°58'	169°59'	293°24'	97°10'
15.10.2032	202°11'	329°57'	337°18'	225°31'	237°11'	170°37'	293°29'	97°10'
16.10.2032	203°11'	344°42'	352°06'	226°45'	238°23'	171°14'	293°34'	97°11'
17.10.2032	204°10'	359°32'	6°57'	227°56'	239°36'	171°52'	293°39'	97°11'
18.10.2032	205°10'	14°20'	21°42'	229°06'	240°48'	172°29'	293°45'	97°11'
19.10.2032	206°09'	29°00'	36°15'	230°14'	242°01'	173°07'	293°50'	97°11'
20.10.2032	207°09'	43°24'	50°29'	231°20'	243°13'	173°44'	293°56'	97°11'
21.10.2032	208°09'	57°28'	64°20'	232°24'	244°25'	174°22'	294°02'	97°11'
22.10.2032	209°08'	71°07'	77°48'	233°25'	245°38'	174°59'	294°08'	97°10'
23.10.2032	210°08'	84°22'	90°51'	234°24'	246°50'	175°37'	294°15'	97°10'
24.10.2032	211°08'	97°14'	103°31'	235°19'	248°02'	176°14'	294°21'	97°10'
25.10.2032	212°08'	109°44'	115°53'	236°11'	249°14'	176°52'	294°28'	97°09'
26.10.2032	213°07'	121°58'	128°00'	236°59'	250°27'	177°29'	294°35'	97°08'
27.10.2032	214°07'	134°00'	139°57'	237°43'	251°39'	178°07'	294°42'	97°07'
28.10.2032	215°07'	145°54'	151°49'	238°22'	252°51'	178°44'	294°49'	97°06'
29.10.2032	216°07'	157°44'	163°39'	238°57'	254°03'	179°22'	294°56'	97°05'
30.10.2032	217°07'	169°36'	175°33'	239°25'	255°15'	179°59'	295°03'	97°04'
31.10.2032	218°07'	181°32'	187°33'	239°48'	256°27'	180°36'	295°11'	97°03'
01.11.2032	219°07'	193°37'	199°43'	240°03'	257°39'	181°14'	295°19'	97°02'
02.11.2032	220°07'	205°52'	212°05'	240°12'	258°51'	181°51'	295°26'	97°00'

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03.11.2032	221°07'	218°20'	224°39'	240°11'	260°03'	182°28'	295°34'	96°58'
04.11.2032	222°07'	231°02'	237°28'	240°03'	261°15'	183°06'	295°43'	96°57'
05.11.2032	223°07'	243°58'	250°31'	239°45'	262°26'	183°43'	295°51'	96°55'
06.11.2032	224°08'	257°07'	263°47'	239°17'	263°38'	184°20'	295°59'	96°53'
07.11.2032	225°08'	270°30'	277°47'	238°40'	264°50'	184°58'	296°08'	96°51'
08.11.2032	226°08'	284°06'	290°58'	237°53'	266°01'	185°35'	296°17'	96°49'
09.11.2032	227°08'	297°53'	304°51'	236°56'	267°13'	186°12'	296°25'	96°46'
10.11.2032	228°09'	311°51'	318°53'	235°52'	268°25'	186°49'	296°34'	96°44'
11.11.2032	229°09'	325°58'	333°04'	234°40'	269°36'	187°27'	296°43'	96°42'
12.11.2032	230°09'	340°12'	347°21'	233°23'	270°47'	188°04'	296°53'	96°39'
13.11.2032	231°10'	354°32'	1°43'	232°03'	271°59'	188°41'	297°02'	96°37'
14.11.2032	232°10'	8°54'	16°05'	230°43'	273°10'	189°18'	297°11'	96°34'
15.11.2032	233°10'	23°15'	30°23'	229°25'	274°21'	189°55'	297°21'	96°31'
16.11.2032	234°11'	37°30'	44°34'	228°12'	275°32'	190°33'	297°31'	96°28'
17.11.2032	235°11'	51°34'	58°32'	227°05'	276°43'	191°10'	297°41'	96°25'
18.11.2032	236°12'	65°25'	72°14'	226°08'	277°54'	191°47'	297°50'	96°22'
19.11.2032	237°12'	78°57'	85°36'	225°21'	279°05'	192°24'	298°01'	96°19'
20.11.2032	238°13'	92°10'	98°39'	224°46'	280°16'	193°01'	298°11'	96°15'
21.11.2032	239°13'	105°02'	111°21'	224°22'	281°27'	193°38'	298°21'	96°12'
22.11.2032	240°14'	117°35'	123°45'	224°10'	282°38'	194°15'	298°31'	96°09'
23.11.2032	241°14'	129°51'	135°54'	224°09'	283°48'	194°52'	298°42'	96°05'
24.11.2032	242°15'	141°54'	147°52'	224°18'	284°59'	195°29'	298°52'	96°01'
25.11.2032	243°16'	153°48'	159°44'	224°38'	286°09'	196°06'	299°03'	95°58'
26.11.2032	244°16'	165°39'	171°34'	225°07'	287°19'	196°43'	299°14'	95°54'
27.11.2032	245°17'	177°30'	183°28'	225°43'	288°30'	197°20'	299°25'	95°50'
28.11.2032	246°18'	189°28'	195°30'	226°28'	289°40'	197°57'	299°36'	95°46'
29.11.2032	247°19'	201°36'	207°46'	227°18'	290°50'	198°34'	299°47'	95°42'
30.11.2032	248°19'	214°00'	220°18'	228°14'	292°00'	199°11'	299°58'	95°38'
01.12.2032	249°20'	226°40'	233°08'	229°15'	293°10'	199°48'	300°10'	95°34'
02.12.2032	250°21'	239°40'	246°17'	230°21'	294°19'	200°25'	300°21'	95°30'
03.12.2032	251°22'	252°59'	259°45'	231°30'	295°29'	201°01'	300°33'	95°26'
04.12.2032	252°23'	266°35'	273°29'	232°42'	296°39'	201°38'	300°44'	95°21'
05.12.2032	253°24'	280°26'	287°26'	233°57'	297°48'	202°15'	300°56'	95°17'
06.12.2032	254°25'	294°28'	301°32'	235°14'	298°57'	202°52'	301°08'	95°12'
07.12.2032	255°26'	308°37'	315°42'	236°34'	300°06'	203°29'	301°20'	95°08'
08.12.2032	256°27'	322°48'	329°54'	237°55'	301°15'	204°05'	301°31'	95°03'
09.12.2032	257°28'	336°59'	344°04'	239°18'	302°24'	204°42'	301°44'	94°59'
10.12.2032	258°29'	351°07'	358°10'	240°42'	303°33'	205°19'	301°56'	94°54'
11.12.2032	259°29'	5°12'	12°12'	242°07'	304°41'	205°55'	302°08'	94°49'
12.12.2032	260°30'	19°11'	26°09'	243°33'	305°50'	206°32'	302°20'	94°45'
13.12.2032	261°31'	33°05'	39°59'	245°00'	306°58'	207°08'	302°32'	94°40'
14.12.2032	262°32'	46°52'	53°42'	246°28'	308°06'	207°45'	302°45'	94°35'
15.12.2032	263°33'	60°30'	67°15'	247°56'	309°14'	208°21'	302°57'	94°30'
16.12.2032	264°35'	73°57'	80°36'	249°25'	310°22'	208°58'	303°10'	94°26'
17.12.2032	265°36'	87°12'	93°44'	250°54'	311°29'	209°34'	303°23'	94°21'
18.12.2032	266°37'	100°12'	106°37'	252°24'	312°36'	210°11'	303°35'	94°16'
19.12.2032	267°38'	112°57'	119°13'	253°54'	313°43'	210°47'	303°48'	94°11'
20.12.2032	268°39'	125°26'	131°35'	255°24'	314°50'	211°24'	304°01'	94°06'
21.12.2032	269°40'	137°40'	143°43'	256°55'	315°57'	212°00'	304°14'	94°01'
22.12.2032	270°41'	149°42'	155°40'	258°26'	317°04'	212°37'	304°27'	93°56'
23.12.2032	271°42'	161°36'	167°31'	259°57'	318°10'	213°13'	304°40'	93°51'
24.12.2032	272°43'	173°25'	179°19'	261°29'	319°16'	213°49'	304°53'	93°46'
25.12.2032	273°44'	185°15'	191°12'	263°01'	320°21'	214°25'	305°06'	93°41'
26.12.2032	274°45'	197°11'	203°13'	264°33'	321°27'	215°02'	305°19'	93°36'
27.12.2032	275°47'	209°19'	215°29'	266°05'	322°32'	215°38'	305°32'	93°31'

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28.12.2032	276°48'	221°44'	228°04'	267°38'	323°37'	216°14'	305°46'	93°26'
29.12.2032	277°49'	234°30'	241°02'	269°11'	324°42'	216°50'	305°59'	93°21'
30.12.2032	278°50'	247°40'	254°24'	270°44'	325°46'	217°26'	306°13'	93°16'
31.12.2032	279°51'	261°15'	268°11'	272°18'	326°51'	218°02'	306°26'	93°12'
01.01.2033	280°52'	275°13'	282°20'	273°52'	327°54'	218°38'	306°40'	93°07'
02.01.2033	281°54'	289°31'	296°45'	275°26'	328°58'	219°14'	306°53'	93°02'
03.01.2033	282°55'	304°02'	311°20'	277°01'	330°01'	219°50'	307°07'	92°57'
04.01.2033	283°56'	318°39'	325°58'	278°35'	331°04'	220°26'	307°20'	92°52'
05.01.2033	284°57'	333°15'	340°31'	280°11'	332°06'	221°02'	307°34'	92°47'
06.01.2033	285°58'	347°44'	354°54'	281°46'	333°09'	221°38'	307°48'	92°42'
07.01.2033	286°59'	2°01'	9°05'	283°22'	334°10'	222°14'	308°02'	92°38'
08.01.2033	288°01'	16°05'	23°02'	284°58'	335°12'	222°49'	308°15'	92°33'
09.01.2033	289°02'	29°55'	36°46'	286°35'	336°13'	223°25'	308°29'	92°28'
10.01.2033	290°03'	43°33'	50°17'	288°12'	337°13'	224°01'	308°43'	92°24'
11.01.2033	291°04'	56°58'	63°36'	289°50'	338°13'	224°36'	308°57'	92°19'
12.01.2033	292°05'	70°12'	76°45'	291°28'	339°13'	225°12'	309°11'	92°15'
13.01.2033	293°06'	83°16'	89°43'	293°06'	340°12'	225°47'	309°25'	92°10'
14.01.2033	294°07'	96°08'	102°31'	294°45'	341°11'	226°23'	309°39'	92°06'
15.01.2033	295°08'	108°50'	115°07'	296°25'	342°09'	226°58'	309°53'	92°01'
16.01.2033	296°10'	121°21'	127°31'	298°05'	343°06'	227°34'	310°07'	91°57'
17.01.2033	297°11'	133°39'	139°45'	299°45'	344°03'	228°09'	310°21'	91°53'
18.01.2033	298°12'	145°47'	151°48'	301°26'	345°00'	228°44'	310°35'	91°49'
19.01.2033	299°13'	157°46'	163°42'	303°07'	345°56'	229°20'	310°49'	91°45'
20.01.2033	300°14'	169°37'	175°31'	304°49'	346°51'	229°55'	311°03'	91°40'
21.01.2033	301°15'	181°25'	187°19'	306°32'	347°46'	230°30'	311°18'	91°36'
22.01.2033	302°16'	193°13'	199°09'	308°14'	348°40'	231°05'	311°32'	91°33'
23.01.2033	303°17'	205°07'	211°08'	309°58'	349°33'	231°40'	311°46'	91°29'
24.01.2033	304°18'	217°12'	223°20'	311°41'	350°26'	232°15'	312°00'	91°25'
25.01.2033	305°19'	229°33'	235°52'	313°25'	351°17'	232°50'	312°14'	91°21'
26.01.2033	306°20'	242°17'	248°48'	315°09'	352°09'	233°25'	312°29'	91°18'
27.01.2033	307°21'	255°27'	262°12'	316°53'	352°59'	234°00'	312°43'	91°14'
28.01.2033	308°22'	269°05'	276°05'	318°37'	353°48'	234°34'	312°57'	91°11'
29.01.2033	309°23'	283°12'	290°25'	320°22'	354°37'	235°09'	313°11'	91°07'
30.01.2033	310°24'	297°44'	305°07'	322°05'	355°25'	235°44'	313°26'	91°04'
31.01.2033	311°25'	312°35'	320°05'	323°49'	356°12'	236°18'	313°40'	91°01'
01.02.2033	312°26'	327°36'	335°07'	325°31'	356°58'	236°53'	313°54'	90°58'
02.02.2033	313°27'	342°37'	350°05'	327°13'	357°42'	237°27'	314°09'	90°55'
03.02.2033	314°28'	357°30'	4°51'	328°54'	358°26'	238°01'	314°23'	90°52'
04.02.2033	315°29'	12°07'	19°19'	330°32'	359°09'	238°36'	314°37'	90°49'
05.02.2033	316°30'	26°25'	33°25'	332°09'	359°51'	239°10'	314°52'	90°46'
06.02.2033	317°30'	40°21'	47°11'	333°43'	0°31'	239°44'	315°06'	90°44'
07.02.2033	318°31'	53°57'	60°37'	335°15'	1°10'	240°18'	315°20'	90°41'
08.02.2033	319°32'	67°14'	73°46'	336°42'	1°48'	240°52'	315°34'	90°39'
09.02.2033	320°33'	80°15'	86°39'	338°06'	2°25'	241°26'	315°49'	90°36'
10.02.2033	321°33'	93°01'	99°20'	339°24'	3°00'	242°00'	316°03'	90°34'
11.02.2033	322°34'	105°36'	111°49'	340°37'	3°34'	242°34'	316°17'	90°32'
12.02.2033	323°35'	118°00'	124°08'	341°43'	4°06'	243°07'	316°31'	90°30'
13.02.2033	324°35'	130°15'	136°19'	342°43'	4°37'	243°41'	316°46'	90°28'
14.02.2033	325°36'	142°21'	148°22'	343°34'	5°06'	244°14'	317°00'	90°26'
15.02.2033	326°37'	154°21'	160°18'	344°17'	5°34'	244°48'	317°14'	90°25'
16.02.2033	327°37'	166°14'	172°09'	344°51'	5°59'	245°21'	317°28'	90°23'
17.02.2033	328°38'	178°03'	183°57'	345°16'	6°23'	245°54'	317°43'	90°22'
18.02.2033	329°38'	189°50'	195°44'	345°30'	6°46'	246°27'	317°57'	90°20'
19.02.2033	330°39'	201°39'	207°35'	345°34'	7°06'	247°00'	318°11'	90°19'
20.02.2033	331°39'	213°34'	219°34'	345°28'	7°24'	247°33'	318°25'	90°18'

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21.02.2033	332°40'	225°38'	231°45'	345°11'	7°40'	248°06'	318°39'	90°17'
22.02.2033	333°40'	237°57'	244°14'	344°45'	7°54'	248°39'	318°53'	90°16'
23.02.2033	334°41'	250°36'	257°05'	344°10'	8°06'	249°12'	319°07'	90°15'
24.02.2033	335°41'	263°40'	270°22'	343°27'	8°16'	249°44'	319°21'	90°14'
25.02.2033	336°42'	277°11'	284°08'	342°36'	8°23'	250°17'	319°35'	90°14'
26.02.2033	337°42'	291°13'	298°24'	341°40'	8°29'	250°49'	319°49'	90°13'
27.02.2033	338°42'	305°42'	313°06'	340°40'	8°31'	251°21'	320°03'	90°13'
28.02.2033	339°43'	320°35'	328°08'	339°37'	8°32'	251°53'	320°17'	90°13'
01.03.2033	340°43'	335°44'	343°21'	338°33'	8°30'	252°25'	320°31'	90°13'
02.03.2033	341°43'	350°59'	358°35'	337°30'	8°25'	252°57'	320°45'	90°13'
03.03.2033	342°43'	6°09'	13°40'	336°28'	8°18'	253°29'	320°59'	90°13'
04.03.2033	343°43'	21°06'	28°26'	335°30'	8°08'	254°01'	321°13'	90°13'
05.03.2033	344°44'	35°41'	42°50'	334°36'	7°56'	254°32'	321°26'	90°13'
06.03.2033	345°44'	49°53'	56°49'	333°47'	7°42'	255°04'	321°40'	90°14'
07.03.2033	346°44'	63°38'	70°22'	333°04'	7°25'	255°35'	321°54'	90°14'
08.03.2033	347°44'	77°00'	83°32'	332°27'	7°05'	256°06'	322°07'	90°15'
09.03.2033	348°44'	89°59'	96°21'	331°57'	6°43'	256°37'	322°21'	90°16'
10.03.2033	349°44'	102°39'	108°54'	331°33'	6°19'	257°08'	322°34'	90°17'
11.03.2033	350°44'	115°05'	121°12'	331°16'	5°53'	257°38'	322°48'	90°18'
12.03.2033	351°44'	127°17'	133°20'	331°06'	5°25'	258°09'	323°01'	90°19'
13.03.2033	352°44'	139°21'	145°20'	331°02'	4°55'	258°39'	323°15'	90°20'
14.03.2033	353°43'	151°18'	157°14'	331°04'	4°23'	259°09'	323°28'	90°21'
15.03.2033	354°43'	163°10'	169°05'	331°13'	3°49'	259°39'	323°41'	90°23'
16.03.2033	355°43'	174°59'	180°53'	331°26'	3°15'	260°09'	323°55'	90°24'
17.03.2033	356°43'	186°48'	192°42'	331°46'	2°39'	260°39'	324°08'	90°26'
18.03.2033	357°42'	198°38'	204°34'	332°10'	2°02'	261°09'	324°21'	90°28'
19.03.2033	358°42'	210°31'	216°30'	332°39'	1°25'	261°38'	324°34'	90°30'
20.03.2033	359°42'	222°31'	228°35'	333°12'	0°47'	262°07'	324°47'	90°32'
21.03.2033	0°41'	234°41'	240°50'	333°50'	0°09'	262°36'	325°00'	90°34'
22.03.2033	1°41'	247°04'	253°21'	334°32'	359°31'	263°05'	325°13'	90°36'
23.03.2033	2°40'	259°43'	266°11'	335°17'	358°54'	263°34'	325°26'	90°38'
24.03.2033	3°40'	272°44'	279°23'	336°06'	358°17'	264°02'	325°38'	90°41'
25.03.2033	4°39'	286°08'	293°00'	336°58'	357°42'	264°31'	325°51'	90°43'
26.03.2033	5°39'	299°58'	307°03'	337°53'	357°07'	264°59'	326°04'	90°46'
27.03.2033	6°38'	314°14'	321°32'	338°51'	356°34'	265°27'	326°16'	90°48'
28.03.2033	7°38'	328°54'	336°22'	339°52'	356°02'	265°54'	326°29'	90°51'
29.03.2033	8°37'	343°53'	351°27'	340°56'	355°32'	266°22'	326°41'	90°54'
30.03.2033	9°36'	359°02'	6°38'	342°02'	355°04'	266°49'	326°54'	90°57'
31.03.2033	10°36'	14°13'	21°46'	343°10'	354°37'	267°16'	327°06'	91°00'
01.04.2033	11°35'	29°16'	36°42'	344°21'	354°13'	267°43'	327°18'	91°03'
02.04.2033	12°34'	44°03'	51°18'	345°33'	353°51'	268°09'	327°30'	91°07'
03.04.2033	13°33'	58°27'	65°29'	346°48'	353°32'	268°36'	327°42'	91°10'
04.04.2033	14°33'	72°25'	79°14'	348°05'	353°14'	269°02'	327°54'	91°14'
05.04.2033	15°32'	85°56'	92°32'	349°24'	353°00'	269°27'	328°06'	91°17'
06.04.2033	16°31'	99°02'	105°26'	350°44'	352°47'	269°53'	328°18'	91°21'
07.04.2033	17°30'	111°44'	117°58'	352°07'	352°37'	270°18'	328°30'	91°25'
08.04.2033	18°29'	124°08'	130°14'	353°31'	352°29'	270°43'	328°42'	91°29'
09.04.2033	19°28'	136°17'	142°17'	354°57'	352°24'	271°08'	328°53'	91°33'
10.04.2033	20°27'	148°15'	154°12'	356°24'	352°21'	271°32'	329°05'	91°37'
11.04.2033	21°26'	160°07'	166°01'	357°53'	352°21'	271°56'	329°16'	91°41'
12.04.2033	22°24'	171°55'	177°49'	359°24'	352°23'	272°20'	329°27'	91°45'
13.04.2033	23°23'	183°44'	189°38'	0°57'	352°28'	272°43'	329°38'	91°50'
14.04.2033	24°22'	195°34'	201°32'	2°31'	352°34'	273°06'	329°50'	91°54'
15.04.2033	25°21'	207°30'	213°31'	4°07'	352°43'	273°29'	330°01'	91°58'
16.04.2033	26°20'	219°33'	225°38'	5°44'	352°54'	273°52'	330°11'	92°03'

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17.04.2033	27°18'	231°45'	237°54'	7°23'	353°07'	274°14'	330°22'	92°08'
18.04.2033	28°17'	244°07'	250°23'	9°04'	353°22'	274°36'	330°33'	92°12'
19.04.2033	29°15'	256°42'	263°04'	10°46'	353°39'	274°57'	330°44'	92°17'
20.04.2033	30°14'	269°31'	276°02'	12°30'	353°59'	275°18'	330°54'	92°22'
21.04.2033	31°13'	282°37'	289°16'	14°16'	354°20'	275°39'	331°05'	92°27'
22.04.2033	32°11'	296°01'	302°50'	16°03'	354°42'	276°00'	331°15'	92°32'
23.04.2033	33°10'	309°44'	316°43'	17°52'	355°07'	276°20'	331°25'	92°37'
24.04.2033	34°08'	323°47'	330°56'	19°42'	355°33'	276°39'	331°35'	92°43'
25.04.2033	35°07'	338°09'	345°26'	21°34'	356°01'	276°58'	331°45'	92°48'
26.04.2033	36°05'	352°47'	0°11'	23°28'	356°30'	277°17'	331°55'	92°53'
27.04.2033	37°04'	7°37'	15°04'	25°23'	357°01'	277°35'	332°05'	92°59'
28.04.2033	38°02'	22°32'	29°59'	27°21'	357°33'	277°53'	332°14'	93°04'
29.04.2033	39°00'	37°24'	44°47'	29°19'	358°07'	278°10'	332°24'	93°10'
30.04.2033	39°59'	52°07'	59°22'	31°20'	358°41'	278°27'	332°33'	93°15'
01.05.2033	40°57'	66°32'	73°36'	33°22'	359°18'	278°44'	332°42'	93°21'
02.05.2033	41°55'	80°34'	87°26'	35°25'	359°55'	279°00'	332°52'	93°27'
03.05.2033	42°53'	94°12'	100°51'	37°30'	0°33'	279°15'	333°01'	93°33'
04.05.2033	43°52'	107°23'	113°50'	39°36'	1°13'	279°30'	333°09'	93°39'
05.05.2033	44°50'	120°11'	126°26'	41°43'	1°54'	279°45'	333°18'	93°45'
06.05.2033	45°48'	132°37'	138°44'	43°51'	2°35'	279°59'	333°27'	93°51'
07.05.2033	46°46'	144°47'	150°47'	46°01'	3°18'	280°12'	333°35'	93°57'
08.05.2033	47°44'	156°45'	162°40'	48°10'	4°02'	280°25'	333°44'	94°03'
09.05.2033	48°42'	168°35'	174°29'	50°21'	4°46'	280°37'	333°52'	94°09'
10.05.2033	49°40'	180°23'	186°17'	52°31'	5°32'	280°49'	334°00'	94°16'
11.05.2033	50°38'	192°12'	198°09'	54°42'	6°18'	281°00'	334°08'	94°22'
12.05.2033	51°36'	204°07'	210°08'	56°52'	7°05'	281°10'	334°16'	94°28'
13.05.2033	52°34'	216°11'	222°17'	59°01'	7°53'	281°20'	334°24'	94°35'
14.05.2033	53°32'	228°26'	234°38'	61°10'	8°42'	281°30'	334°31'	94°41'
15.05.2033	54°30'	240°53'	247°11'	63°17'	9°31'	281°38'	334°38'	94°48'
16.05.2033	55°27'	253°33'	259°59'	65°23'	10°21'	281°46'	334°46'	94°54'
17.05.2033	56°25'	266°28'	273°00'	67°27'	11°12'	281°54'	334°53'	95°01'
18.05.2033	57°23'	279°35'	286°14'	69°29'	12°03'	282°01'	335°00'	95°08'
19.05.2033	58°21'	292°56'	299°42'	71°29'	12°55'	282°07'	335°07'	95°15'
20.05.2033	59°19'	306°30'	313°22'	73°27'	13°48'	282°12'	335°13'	95°21'
21.05.2033	60°16'	320°16'	327°14'	75°22'	14°41'	282°17'	335°20'	95°28'
22.05.2033	61°14'	334°14'	341°18'	77°14'	15°35'	282°21'	335°26'	95°35'
23.05.2033	62°12'	348°24'	355°32'	79°04'	16°30'	282°24'	335°32'	95°42'
24.05.2033	63°09'	2°43'	9°55'	80°51'	17°24'	282°27'	335°38'	95°49'
25.05.2033	64°07'	17°10'	24°25'	82°35'	18°20'	282°29'	335°44'	95°56'
26.05.2033	65°05'	31°40'	38°56'	84°16'	19°16'	282°30'	335°50'	96°03'
27.05.2033	66°02'	46°10'	53°23'	85°54'	20°12'	282°30'	335°55'	96°10'
28.05.2033	67°00'	60°34'	67°42'	87°29'	21°09'	282°30'	336°01'	96°17'
29.05.2033	67°58'	74°46'	81°45'	89°01'	22°06'	282°29'	336°06'	96°24'
30.05.2033	68°55'	88°40'	95°30'	90°30'	23°04'	282°27'	336°11'	96°32'
31.05.2033	69°53'	102°14'	108°52'	91°55'	24°02'	282°24'	336°16'	96°39'
01.06.2033	70°50'	115°25'	121°52'	93°18'	25°00'	282°21'	336°21'	96°46'
02.06.2033	71°48'	128°13'	134°29'	94°37'	25°59'	282°17'	336°25'	96°54'
03.06.2033	72°45'	140°41'	146°48'	95°53'	26°58'	282°12'	336°30'	97°01'
04.06.2033	73°43'	152°52'	158°52'	97°05'	27°57'	282°06'	336°34'	97°08'
05.06.2033	74°40'	164°50'	170°46'	98°14'	28°57'	282°00'	336°38'	97°16'
06.06.2033	75°38'	176°41'	182°35'	99°20'	29°57'	281°53'	336°42'	97°23'
07.06.2033	76°35'	188°29'	194°24'	100°22'	30°58'	281°45'	336°45'	97°31'
08.06.2033	77°33'	200°21'	206°19'	101°21'	31°58'	281°36'	336°49'	97°38'
09.06.2033	78°30'	212°20'	218°24'	102°16'	32°59'	281°27'	336°52'	97°46'
10.06.2033	79°27'	224°31'	230°42'	103°07'	34°01'	281°17'	336°55'	97°53'

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11.06.2033	80°25'	236°57'	243°16'	103°54'	35°02'	281°06'	336°58'	98°01'
12.06.2033	81°22'	249°40'	256°08'	104°37'	36°04'	280°55'	337°01'	98°08'
13.06.2033	82°19'	262°40'	269°16'	105°17'	37°06'	280°43'	337°03'	98°16'
14.06.2033	83°17'	275°57'	282°41'	105°52'	38°09'	280°30'	337°06'	98°23'
15.06.2033	84°14'	289°29'	296°49'	106°23'	39°11'	280°17'	337°08'	98°31'
16.06.2033	85°11'	303°13'	310°08'	106°50'	40°14'	280°03'	337°10'	98°39'
17.06.2033	86°08'	317°06'	324°05'	107°12'	41°17'	279°49'	337°12'	98°46'
18.06.2033	87°06'	331°06'	338°08'	107°30'	42°21'	279°34'	337°13'	98°54'
19.06.2033	88°03'	345°10'	352°13'	107°43'	43°24'	279°19'	337°15'	99°02'
20.06.2033	89°00'	359°17'	6°21'	107°52'	44°28'	279°03'	337°16'	99°10'
21.06.2033	89°58'	13°25'	20°30'	107°56'	45°32'	278°47'	337°17'	99°17'
22.06.2033	90°55'	27°34'	34°39'	107°56'	46°37'	278°30'	337°18'	99°25'
23.06.2033	91°52'	41°43'	48°46'	107°51'	47°41'	278°13'	337°19'	99°33'
24.06.2033	92°49'	55°47'	62°48'	107°41'	48°46'	277°55'	337°19'	99°41'
25.06.2033	93°47'	69°46'	76°42'	107°28'	49°51'	277°38'	337°19'	99°48'
26.06.2033	94°44'	83°35'	90°25'	107°10'	50°56'	277°20'	337°19'	99°56'
27.06.2033	95°41'	97°11'	103°53'	106°49'	52°01'	277°01'	337°19'	100°04'
28.06.2033	96°38'	110°31'	117°04'	106°24'	53°06'	276°43'	337°19'	100°12'
29.06.2033	97°36'	123°32'	129°55'	105°56'	54°12'	276°25'	337°18'	100°20'
30.06.2033	98°33'	136°14'	142°28'	105°25'	55°17'	276°06'	337°18'	100°27'
01.07.2033	99°30'	148°38'	154°45'	104°52'	56°23'	275°48'	337°17'	100°35'
02.07.2033	100°27'	160°47'	166°47'	104°17'	57°29'	275°29'	337°16'	100°43'
03.07.2033	101°24'	172°45'	178°40'	103°41'	58°35'	275°11'	337°14'	100°51'
04.07.2033	102°22'	184°35'	190°29'	103°04'	59°42'	274°53'	337°13'	100°59'
05.07.2033	103°19'	196°23'	202°19'	102°27'	60°48'	274°35'	337°11'	101°06'
06.07.2033	104°16'	208°16'	214°15'	101°51'	61°55'	274°17'	337°09'	101°14'
07.07.2033	105°13'	220°17'	226°23'	101°17'	63°01'	273°59'	337°07'	101°22'
08.07.2033	106°10'	232°32'	238°46'	100°44'	64°08'	273°42'	337°05'	101°30'
09.07.2033	107°08'	245°06'	251°30'	100°14'	65°15'	273°25'	337°03'	101°38'
10.07.2033	108°05'	258°00'	264°35'	99°47'	66°22'	273°09'	337°00'	101°45'
11.07.2033	109°02'	271°16'	278°02'	99°23'	67°30'	272°53'	336°57'	101°53'
12.07.2033	109°59'	284°54'	291°50'	99°03'	68°37'	272°38'	336°54'	102°01'
13.07.2033	110°56'	298°50'	305°53'	98°48'	69°45'	272°23'	336°51'	102°09'
14.07.2033	111°54'	312°59'	320°08'	98°37'	70°52'	272°08'	336°48'	102°16'
15.07.2033	112°51'	327°17'	334°28'	98°32'	72°00'	271°54'	336°44'	102°24'
16.07.2033	113°48'	341°39'	348°50'	98°31'	73°08'	271°41'	336°41'	102°32'
17.07.2033	114°45'	355°59'	3°08'	98°36'	74°16'	271°28'	336°37'	102°40'
18.07.2033	115°43'	10°15'	17°21'	98°46'	75°24'	271°16'	336°33'	102°47'
19.07.2033	116°40'	24°24'	31°26'	99°02'	76°33'	271°05'	336°29'	102°55'
20.07.2033	117°37'	38°26'	45°24'	99°24'	77°41'	270°54'	336°24'	103°03'
21.07.2033	118°34'	52°20'	59°13'	99°51'	78°49'	270°44'	336°20'	103°10'
22.07.2033	119°32'	66°04'	72°53'	100°24'	79°58'	270°35'	336°15'	103°18'
23.07.2033	120°29'	79°40'	86°24'	101°02'	81°07'	270°27'	336°10'	103°25'
24.07.2033	121°26'	93°05'	99°43'	101°46'	82°16'	270°19'	336°05'	103°33'
25.07.2033	122°24'	106°18'	112°49'	102°36'	83°25'	270°12'	336°00'	103°41'
26.07.2033	123°21'	119°17'	125°41'	103°31'	84°34'	270°06'	335°54'	103°48'
27.07.2033	124°18'	132°02'	138°19'	104°31'	85°43'	270°01'	335°49'	103°56'
28.07.2033	125°16'	144°32'	150°42'	105°37'	86°52'	269°57'	335°43'	104°03'
29.07.2033	126°13'	156°48'	162°51'	106°48'	88°01'	269°53'	335°37'	104°11'
30.07.2033	127°10'	168°52'	174°50'	108°04'	89°11'	269°50'	335°31'	104°18'
31.07.2033	128°08'	180°46'	186°40'	109°25'	90°20'	269°49'	335°25'	104°25'
01.08.2033	129°05'	192°34'	198°28'	110°50'	91°30'	269°48'	335°19'	104°33'
02.08.2033	130°03'	204°22'	210°16'	112°21'	92°40'	269°48'	335°13'	104°40'
03.08.2033	131°00'	216°13'	222°12'	113°55'	93°49'	269°48'	335°06'	104°47'
04.08.2033	131°57'	228°14'	234°20'	115°34'	94°59'	269°50'	335°00'	104°55'

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05.08.2033	132°55'	240°30'	246°44'	117°17'	96°09'	269°52'	334°53'	105°02'
06.08.2033	133°52'	253°05'	259°31'	119°03'	97°19'	269°56'	334°46'	105°09'
07.08.2033	134°50'	266°03'	272°42'	120°53'	98°29'	270°00'	334°39'	105°16'
08.08.2033	135°47'	279°27'	286°19'	122°45'	99°40'	270°05'	334°32'	105°23'
09.08.2033	136°45'	293°17'	300°20'	124°40'	100°50'	270°11'	334°25'	105°30'
10.08.2033	137°42'	307°29'	314°43'	126°37'	102°00'	270°17'	334°18'	105°38'
11.08.2033	138°40'	322°00'	329°20'	128°36'	103°11'	270°24'	334°11'	105°45'
12.08.2033	139°37'	336°42'	344°05'	130°36'	104°21'	270°33'	334°04'	105°52'
13.08.2033	140°35'	351°28'	358°50'	132°38'	105°32'	270°42'	333°56'	105°58'
14.08.2033	141°32'	6°11'	13°29'	134°40'	106°43'	270°51'	333°49'	106°05'
15.08.2033	142°30'	20°44'	27°57'	136°42'	107°54'	271°02'	333°41'	106°12'
16.08.2033	143°28'	35°05'	42°10'	138°45'	109°05'	271°13'	333°34'	106°19'
17.08.2033	144°25'	49°11'	56°08'	140°47'	110°16'	271°25'	333°26'	106°26'
18.08.2033	145°23'	63°01'	69°50'	142°49'	111°27'	271°37'	333°18'	106°32'
19.08.2033	146°21'	76°35'	83°16'	144°50'	112°38'	271°50'	333°10'	106°39'
20.08.2033	147°19'	89°54'	96°29'	146°51'	113°49'	272°04'	333°03'	106°46'
21.08.2033	148°16'	103°00'	109°27'	148°51'	115°00'	272°19'	332°55'	106°52'
22.08.2033	149°14'	115°51'	122°13'	150°50'	116°12'	272°34'	332°47'	106°59'
23.08.2033	150°12'	128°31'	134°46'	152°48'	117°23'	272°50'	332°39'	107°05'
24.08.2033	151°10'	140°58'	147°07'	154°44'	118°35'	273°07'	332°31'	107°11'
25.08.2033	152°08'	153°13'	159°17'	156°40'	119°47'	273°24'	332°23'	107°18'
26.08.2033	153°06'	165°18'	171°18'	158°34'	120°58'	273°42'	332°15'	107°24'
27.08.2033	154°03'	177°15'	183°10'	160°27'	122°10'	274°01'	332°07'	107°30'
28.08.2033	155°01'	189°05'	194°58'	162°18'	123°22'	274°20'	331°59'	107°36'
29.08.2033	155°59'	200°51'	206°44'	164°09'	124°34'	274°40'	331°52'	107°42'
30.08.2033	156°57'	212°38'	218°33'	165°58'	125°46'	275°00'	331°44'	107°49'
31.08.2033	157°55'	224°29'	230°28'	167°45'	126°58'	275°21'	331°36'	107°54'
01.09.2033	158°53'	236°29'	242°34'	169°32'	128°10'	275°43'	331°28'	108°00'
02.09.2033	159°52'	248°43'	254°57'	171°17'	129°22'	276°05'	331°20'	108°06'
03.09.2033	160°50'	261°16'	267°41'	173°01'	130°34'	276°28'	331°13'	108°12'
04.09.2033	161°48'	274°12'	280°49'	174°44'	131°47'	276°51'	331°05'	108°18'
05.09.2033	162°46'	287°34'	294°25'	176°25'	132°59'	277°14'	330°57'	108°23'
06.09.2033	163°44'	301°24'	308°29'	178°05'	134°12'	277°39'	330°50'	108°29'
07.09.2033	164°42'	315°40'	322°58'	179°44'	135°24'	278°03'	330°43'	108°34'
08.09.2033	165°40'	330°20'	337°46'	181°22'	136°37'	278°28'	330°35'	108°40'
09.09.2033	166°39'	345°16'	352°48'	182°59'	137°49'	278°54'	330°28'	108°45'
10.09.2033	167°37'	0°21'	7°53'	184°35'	139°02'	279°20'	330°21'	108°50'
11.09.2033	168°35'	15°25'	22°54'	186°09'	140°15'	279°46'	330°13'	108°56'
12.09.2033	169°34'	30°19'	37°41'	187°42'	141°28'	280°13'	330°06'	109°01'
13.09.2033	170°32'	44°58'	52°10'	189°14'	142°41'	280°41'	330°00'	109°06'
14.09.2033	171°30'	59°17'	66°18'	190°45'	143°54'	281°08'	329°53'	109°11'
15.09.2033	172°29'	73°14'	80°03'	192°15'	145°07'	281°36'	329°46'	109°16'
16.09.2033	173°27'	86°48'	93°27'	193°44'	146°20'	282°05'	329°39'	109°20'
17.09.2033	174°26'	100°01'	106°30'	195°12'	147°33'	282°34'	329°33'	109°25'
18.09.2033	175°24'	112°55'	119°16'	196°38'	148°46'	283°03'	329°26'	109°30'
19.09.2033	176°23'	125°32'	131°46'	198°04'	150°00'	283°33'	329°20'	109°34'
20.09.2033	177°21'	137°56'	144°03'	199°28'	151°13'	284°03'	329°14'	109°39'
21.09.2033	178°20'	150°08'	156°10'	200°51'	152°26'	284°33'	329°08'	109°43'
22.09.2033	179°19'	162°10'	168°09'	202°13'	153°40'	285°04'	329°02'	109°48'
23.09.2033	180°17'	174°06'	180°02'	203°33'	154°53'	285°35'	328°57'	109°52'
24.09.2033	181°16'	185°56'	191°50'	204°52'	156°07'	286°07'	328°51'	109°56'
25.09.2033	182°15'	197°44'	203°37'	206°10'	157°20'	286°38'	328°46'	110°00'
26.09.2033	183°14'	209°30'	215°24'	207°27'	158°34'	287°10'	328°40'	110°04'
27.09.2033	184°13'	221°19'	227°15'	208°41'	159°48'	287°43'	328°35'	110°08'
28.09.2033	185°12'	233°12'	239°12'	209°55'	161°02'	288°16'	328°30'	110°12'

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29.09.2033	186°10'	245°15'	251°20'	211°06'	162°15'	288°49'	328°26'	110°15'
30.09.2033	187°09'	257°29'	263°42'	212°16'	163°29'	289°22'	328°21'	110°19'
01.10.2033	188°08'	270°00'	276°22'	213°24'	164°43'	289°55'	328°17'	110°22'
02.10.2033	189°07'	282°51'	289°25'	214°30'	165°57'	290°29'	328°13'	110°26'
03.10.2033	190°06'	296°06'	302°53'	215°34'	167°11'	291°03'	328°08'	110°29'
04.10.2033	191°05'	309°47'	316°47'	216°36'	168°25'	291°38'	328°05'	110°32'
05.10.2033	192°04'	323°55'	331°08'	217°35'	169°39'	292°13'	328°01'	110°35'
06.10.2033	193°04'	338°28'	345°53'	218°31'	170°53'	292°47'	327°57'	110°38'
07.10.2033	194°03'	353°23'	0°56'	219°24'	172°08'	293°23'	327°54'	110°41'
08.10.2033	195°02'	8°31'	16°08'	220°14'	173°22'	293°58'	327°51'	110°44'
09.10.2033	196°01'	23°45'	31°21'	221°00'	174°36'	294°34'	327°48'	110°47'
10.10.2033	197°00'	38°54'	46°25'	221°43'	175°50'	295°09'	327°45'	110°49'
11.10.2033	198°00'	53°50'	61°11'	222°21'	177°05'	295°45'	327°43'	110°52'
12.10.2033	198°59'	68°25'	75°33'	222°55'	178°19'	296°22'	327°40'	110°54'
13.10.2033	199°58'	82°35'	89°29'	223°23'	179°34'	296°58'	327°38'	110°57'
14.10.2033	200°58'	96°17'	102°58'	223°46'	180°48'	297°35'	327°36'	110°59'
15.10.2033	201°57'	109°33'	116°02'	224°03'	182°02'	298°12'	327°34'	111°01'
16.10.2033	202°57'	122°25'	128°43'	224°13'	183°17'	298°49'	327°33'	111°03'
17.10.2033	203°56'	134°57'	141°06'	224°16'	184°32'	299°26'	327°32'	111°05'
18.10.2033	204°56'	147°12'	153°14'	224°12'	185°46'	300°03'	327°30'	111°07'
19.10.2033	205°55'	159°14'	165°12'	223°59'	187°01'	300°41'	327°29'	111°08'
20.10.2033	206°55'	171°08'	177°03'	223°38'	188°16'	301°19'	327°29'	111°10'
21.10.2033	207°54'	182°57'	188°51'	223°08'	189°30'	301°57'	327°28'	111°11'
22.10.2033	208°54'	194°44'	200°38'	222°30'	190°45'	302°35'	327°28'	111°12'
23.10.2033	209°54'	206°32'	212°26'	221°42'	192°00'	303°13'	327°27'	111°14'
24.10.2033	210°54'	218°22'	224°19'	220°47'	193°15'	303°52'	327°28'	111°15'
25.10.2033	211°53'	230°17'	236°17'	219°44'	194°30'	304°30'	327°28'	111°16'
26.10.2033	212°53'	242°18'	248°22'	218°35'	195°44'	305°09'	327°28'	111°17'
27.10.2033	213°53'	254°29'	260°38'	217°22'	196°59'	305°48'	327°29'	111°17'
28.10.2033	214°53'	266°50'	273°05'	216°06'	198°14'	306°27'	327°30'	111°18'
29.10.2033	215°53'	279°25'	285°48'	214°49'	199°29'	307°06'	327°31'	111°19'
30.10.2033	216°53'	292°15'	298°48'	213°34'	200°44'	307°46'	327°32'	111°19'
31.10.2033	217°53'	305°25'	312°08'	212°24'	201°59'	308°25'	327°34'	111°19'
01.11.2033	218°53'	318°56'	325°50'	211°20'	203°14'	309°05'	327°35'	111°20'
02.11.2033	219°53'	332°50'	339°55'	210°24'	204°29'	309°45'	327°37'	111°20'
03.11.2033	220°53'	347°07'	354°23'	209°39'	205°44'	310°25'	327°39'	111°20'
04.11.2033	221°53'	1°45'	9°11'	209°04'	206°59'	311°05'	327°41'	111°20'
05.11.2033	222°53'	16°41'	24°13'	208°40'	208°14'	311°45'	327°44'	111°19'
06.11.2033	223°53'	31°47'	39°22'	208°29'	209°29'	312°25'	327°46'	111°19'
07.11.2033	224°53'	46°55'	54°27'	208°28'	210°45'	313°05'	327°49'	111°18'
08.11.2033	225°53'	61°56'	69°20'	208°39'	212°00'	313°46'	327°52'	111°18'
09.11.2033	226°54'	76°39'	83°53'	209°00'	213°15'	314°26'	327°56'	111°17'
10.11.2033	227°54'	90°59'	97°59'	209°30'	214°30'	315°07'	327°59'	111°16'
11.11.2033	228°54'	104°52'	111°37'	210°10'	215°45'	315°47'	328°03'	111°15'
12.11.2033	229°54'	118°16'	124°47'	210°57'	217°01'	316°28'	328°06'	111°14'
13.11.2033	230°55'	131°12'	137°31'	211°50'	218°16'	317°09'	328°10'	111°13'
14.11.2033	231°55'	143°45'	149°54'	212°50'	219°31'	317°50'	328°15'	111°12'
15.11.2033	232°56'	155°59'	162°00'	213°55'	220°46'	318°31'	328°19'	111°11'
16.11.2033	233°56'	167°58'	173°54'	215°05'	222°02'	319°12'	328°24'	111°09'
17.11.2033	234°57'	179°49'	185°42'	216°19'	223°17'	319°54'	328°28'	111°08'
18.11.2033	235°57'	191°35'	197°28'	217°36'	224°32'	320°35'	328°33'	111°06'
19.11.2033	236°58'	203°22'	209°16'	218°56'	225°48'	321°16'	328°38'	111°04'
20.11.2033	237°58'	215°12'	221°09'	220°18'	227°03'	321°58'	328°44'	111°02'
21.11.2033	238°59'	227°08'	233°10'	221°42'	228°18'	322°39'	328°49'	111°00'
22.11.2033	239°59'	239°13'	245°19'	223°08'	229°34'	323°21'	328°55'	110°58'

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23.11.2033	241°00'	251°28'	257°39'	224°36'	230°49'	324°03'	329°01'	110°56'
24.11.2033	242°01'	263°53'	270°10'	226°04'	232°05'	324°45'	329°07'	110°54'
25.11.2033	243°01'	276°29'	282°52'	227°34'	233°20'	325°26'	329°13'	110°51'
26.11.2033	244°02'	289°18'	295°46'	229°04'	234°35'	326°08'	329°19'	110°49'
27.11.2033	245°03'	302°18'	308°53'	230°35'	235°51'	326°50'	329°25'	110°46'
28.11.2033	246°03'	315°32'	322°14'	232°07'	237°06'	327°32'	329°32'	110°43'
29.11.2033	247°04'	329°01'	335°51'	233°38'	238°22'	328°14'	329°39'	110°41'
30.11.2033	248°05'	342°45'	349°44'	235°11'	239°37'	328°56'	329°46'	110°38'
01.12.2033	249°06'	356°46'	3°53'	236°43'	240°53'	329°39'	329°53'	110°35'
02.12.2033	250°07'	11°04'	18°19'	238°16'	242°08'	330°21'	330°00'	110°32'
03.12.2033	251°07'	25°37'	32°58'	239°49'	243°23'	331°03'	330°08'	110°28'
04.12.2033	252°08'	40°21'	47°46'	241°22'	244°39'	331°45'	330°15'	110°25'
05.12.2033	253°09'	55°11'	62°35'	242°55'	245°54'	332°28'	330°23'	110°22'
06.12.2033	254°10'	69°58'	77°18'	244°28'	247°10'	333°10'	330°31'	110°18'
07.12.2033	255°11'	84°34'	91°46'	246°02'	248°25'	333°53'	330°39'	110°15'
08.12.2033	256°12'	98°53'	105°53'	247°35'	249°41'	334°35'	330°47'	110°11'
09.12.2033	257°13'	112°47'	119°35'	249°09'	250°56'	335°17'	330°56'	110°08'
10.12.2033	258°14'	126°15'	132°49'	250°42'	252°12'	336°00'	331°04'	110°04'
11.12.2033	259°14'	139°17'	145°38'	252°16'	253°27'	336°42'	331°13'	110°00'
12.12.2033	260°15'	151°53'	158°04'	253°49'	254°43'	337°25'	331°22'	109°56'
13.12.2033	261°16'	164°10'	170°12'	255°23'	255°58'	338°08'	331°31'	109°52'
14.12.2033	262°17'	176°11'	182°07'	256°57'	257°14'	338°50'	331°40'	109°48'
15.12.2033	263°18'	188°02'	193°55'	258°30'	258°29'	339°33'	331°49'	109°44'
16.12.2033	264°20'	199°48'	205°42'	260°04'	259°45'	340°16'	331°58'	109°40'
17.12.2033	265°21'	211°36'	217°32'	261°38'	261°00'	340°58'	332°08'	109°35'
18.12.2033	266°22'	223°30'	229°30'	263°13'	262°16'	341°41'	332°17'	109°31'
19.12.2033	267°23'	235°33'	241°38'	264°47'	263°31'	342°24'	332°27'	109°27'
20.12.2033	268°24'	247°48'	254°00'	266°21'	264°47'	343°07'	332°37'	109°22'
21.12.2033	269°25'	260°17'	266°37'	267°56'	266°02'	343°49'	332°47'	109°18'
22.12.2033	270°26'	273°00'	279°27'	269°31'	267°18'	344°32'	332°57'	109°13'
23.12.2033	271°27'	285°57'	292°31'	271°06'	268°33'	345°15'	333°07'	109°09'
24.12.2033	272°28'	299°07'	305°46'	272°41'	269°49'	345°58'	333°17'	109°04'
25.12.2033	273°29'	312°28'	319°12'	274°16'	271°04'	346°41'	333°28'	109°00'
26.12.2033	274°31'	325°59'	332°48'	275°52'	272°20'	347°24'	333°38'	108°55'
27.12.2033	275°32'	339°39'	346°31'	277°28'	273°36'	348°06'	333°49'	108°50'
28.12.2033	276°33'	353°27'	0°24'	279°04'	274°51'	348°49'	334°00'	108°45'
29.12.2033	277°34'	7°23'	14°24'	280°40'	276°07'	349°32'	334°11'	108°41'
30.12.2033	278°35'	21°28'	28°34'	282°17'	277°22'	350°15'	334°22'	108°36'
31.12.2033	279°36'	35°41'	42°50'	283°54'	278°38'	350°58'	334°33'	108°31'
01.01.2034	280°37'	50°00'	57°11'	285°31'	279°53'	351°41'	334°44'	108°26'
02.01.2034	281°39'	64°22'	71°33'	287°09'	281°09'	352°24'	334°55'	108°21'
03.01.2034	282°40'	78°43'	85°51'	288°47'	282°24'	353°07'	335°07'	108°16'
04.01.2034	283°41'	92°57'	99°59'	290°25'	283°40'	353°50'	335°18'	108°11'
05.01.2034	284°42'	106°58'	113°52'	292°03'	284°55'	354°33'	335°30'	108°06'
06.01.2034	285°43'	120°40'	127°24'	293°42'	286°11'	355°15'	335°42'	108°01'
07.01.2034	286°44'	134°02'	140°34'	295°21'	287°26'	355°58'	335°53'	107°56'
08.01.2034	287°45'	147°01'	153°22'	297°00'	288°41'	356°41'	336°05'	107°51'
09.01.2034	288°46'	159°38'	165°49'	298°39'	289°57'	357°24'	336°17'	107°46'
10.01.2034	289°48'	171°56'	177°59'	300°18'	291°12'	358°07'	336°29'	107°42'
11.01.2034	290°49'	183°59'	189°56'	301°57'	292°28'	358°50'	336°41'	107°37'
12.01.2034	291°50'	195°51'	201°46'	303°37'	293°43'	359°33'	336°54'	107°32'
13.01.2034	292°51'	207°40'	213°34'	305°15'	294°59'	0°16'	337°06'	107°27'
14.01.2034	293°52'	219°29'	225°25'	306°54'	296°14'	0°58'	337°18'	107°22'
15.01.2034	294°53'	231°24'	237°26'	308°32'	297°30'	1°41'	337°31'	107°17'
16.01.2034	295°54'	243°31'	249°39'	310°09'	298°45'	2°24'	337°43'	107°12'

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17.01.2034	296°55'	255°52'	262°09'	311°46'	300°01'	3°07'	337°56'	107°07'
18.01.2034	297°57'	268°31'	274°58'	313°21'	301°16'	3°50'	338°09'	107°02'
19.01.2034	298°58'	281°30'	288°06'	314°55'	302°31'	4°33'	338°21'	106°57'
20.01.2034	299°59'	294°46'	301°31'	316°27'	303°47'	5°15'	338°34'	106°53'
21.01.2034	301°00'	308°20'	315°12'	317°57'	305°02'	5°58'	338°47'	106°48'
22.01.2034	302°01'	322°07'	329°04'	319°23'	306°18'	6°41'	339°00'	106°43'
23.01.2034	303°02'	336°03'	343°04'	320°47'	307°33'	7°24'	339°13'	106°39'
24.01.2034	304°03'	350°06'	357°09'	322°07'	308°49'	8°07'	339°26'	106°34'
25.01.2034	305°04'	4°13'	11°16'	323°22'	310°04'	8°49'	339°40'	106°29'
26.01.2034	306°05'	18°20'	25°24'	324°32'	311°19'	9°32'	339°53'	106°25'
27.01.2034	307°06'	32°27'	39°30'	325°36'	312°35'	10°15'	340°06'	106°20'
28.01.2034	308°07'	46°32'	53°34'	326°32'	313°50'	10°57'	340°19'	106°16'
29.01.2034	309°08'	60°36'	67°36'	327°22'	315°05'	11°40'	340°33'	106°12'
30.01.2034	310°09'	74°35'	81°32'	328°02'	316°21'	12°23'	340°46'	106°07'
31.01.2034	311°10'	88°28'	95°22'	328°34'	317°36'	13°05'	341°00'	106°03'
01.02.2034	312°11'	102°13'	109°02'	328°55'	318°51'	13°48'	341°13'	105°59'
02.02.2034	313°12'	115°47'	122°29'	329°06'	320°06'	14°31'	341°27'	105°55'
03.02.2034	314°13'	129°07'	135°41'	329°05'	321°22'	15°13'	341°41'	105°51'
04.02.2034	315°13'	142°11'	148°36'	328°54'	322°37'	15°56'	341°55'	105°47'
05.02.2034	316°14'	154°58'	161°15'	328°31'	323°52'	16°38'	342°08'	105°43'
06.02.2034	317°15'	167°27'	173°37'	327°58'	325°07'	17°21'	342°22'	105°39'
07.02.2034	318°16'	179°42'	185°44'	327°15'	326°23'	18°03'	342°36'	105°35'
08.02.2034	319°17'	191°44'	197°41'	326°23'	327°38'	18°45'	342°50'	105°31'
09.02.2034	320°17'	203°37'	209°32'	325°24'	328°53'	19°28'	343°04'	105°28'
10.02.2034	321°18'	215°26'	221°20'	324°19'	330°08'	20°10'	343°18'	105°24'
11.02.2034	322°19'	227°16'	233°12'	323°11'	331°23'	20°53'	343°32'	105°21'
12.02.2034	323°20'	239°11'	245°13'	322°00'	332°38'	21°35'	343°46'	105°17'
13.02.2034	324°20'	251°18'	257°27'	320°50'	333°54'	22°17'	344°00'	105°14'
14.02.2034	325°21'	263°40'	269°58'	319°41'	335°09'	23°00'	344°14'	105°11'
15.02.2034	326°22'	276°22'	282°51'	318°36'	336°24'	23°42'	344°28'	105°08'
16.02.2034	327°22'	289°26'	296°07'	317°36'	337°39'	24°24'	344°42'	105°05'
17.02.2034	328°23'	302°54'	309°46'	316°41'	338°54'	25°06'	344°57'	105°02'
18.02.2034	329°23'	316°43'	323°45'	315°54'	340°09'	25°48'	345°11'	104°59'
19.02.2034	330°24'	330°51'	338°01'	315°13'	341°24'	26°31'	345°25'	104°56'
20.02.2034	331°24'	345°14'	352°29'	314°41'	342°39'	27°13'	345°39'	104°54'
21.02.2034	332°25'	359°45'	7°02'	314°16'	343°54'	27°55'	345°54'	104°51'
22.02.2034	333°25'	14°18'	21°34'	313°58'	345°09'	28°37'	346°08'	104°49'
23.02.2034	334°26'	28°49'	36°02'	313°48'	346°24'	29°19'	346°22'	104°46'
24.02.2034	335°26'	43°13'	50°21'	313°45'	347°39'	30°01'	346°37'	104°44'
25.02.2034	336°27'	57°26'	64°28'	313°48'	348°54'	30°43'	346°51'	104°42'
26.02.2034	337°27'	71°27'	78°23'	313°58'	350°09'	31°25'	347°06'	104°40'
27.02.2034	338°27'	85°16'	92°05'	314°14'	351°23'	32°07'	347°20'	104°38'
28.02.2034	339°28'	98°51'	105°34'	314°36'	352°38'	32°49'	347°35'	104°36'
01.03.2034	340°28'	112°13'	118°49'	315°03'	353°53'	33°31'	347°49'	104°34'
02.03.2034	341°28'	125°21'	131°50'	315°34'	355°08'	34°13'	348°04'	104°33'
03.03.2034	342°28'	138°16'	144°39'	316°11'	356°23'	34°54'	348°18'	104°31'
04.03.2034	343°28'	150°58'	157°14'	316°51'	357°37'	35°36'	348°32'	104°30'
05.03.2034	344°29'	163°27'	169°37'	317°35'	358°52'	36°18'	348°47'	104°29'
06.03.2034	345°29'	175°44'	181°48'	318°23'	0°07'	37°00'	349°01'	104°27'
07.03.2034	346°29'	187°50'	193°50'	319°15'	1°21'	37°41'	349°16'	104°26'
08.03.2034	347°29'	199°48'	205°44'	320°09'	2°36'	38°23'	349°31'	104°25'
09.03.2034	348°29'	211°40'	217°34'	321°07'	3°50'	39°05'	349°45'	104°25'
10.03.2034	349°29'	223°29'	229°23'	322°07'	5°05'	39°46'	350°00'	104°24'
11.03.2034	350°29'	235°19'	241°15'	323°10'	6°20'	40°28'	350°14'	104°23'
12.03.2034	351°29'	247°14'	253°15'	324°15'	7°34'	41°09'	350°29'	104°23'

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13.03.2034	352°28'	259°19'	265°27'	325°22'	8°49'	41°51'	350°43'	104°22'
14.03.2034	353°28'	271°39'	277°56'	326°32'	10°03'	42°32'	350°58'	104°22'
15.03.2034	354°28'	284°18'	290°45'	327°44'	11°17'	43°14'	351°12'	104°22'
16.03.2034	355°28'	297°19'	303°59'	328°58'	12°32'	43°55'	351°27'	104°22'
17.03.2034	356°28'	310°46'	317°39'	330°13'	13°46'	44°36'	351°41'	104°22'
18.03.2034	357°28'	324°38'	331°44'	331°30'	15°01'	45°18'	351°56'	104°22'
19.03.2034	358°27'	338°55'	346°12'	332°50'	16°15'	45°59'	352°10'	104°22'
20.03.2034	359°27'	353°33'	0°58'	334°10'	17°29'	46°40'	352°25'	104°23'
21.03.2034	0°27'	8°25'	15°54'	335°33'	18°43'	47°22'	352°39'	104°23'
22.03.2034	1°26'	23°23'	30°52'	336°57'	19°58'	48°03'	352°54'	104°24'
23.03.2034	2°26'	38°20'	45°45'	338°22'	21°12'	48°44'	353°08'	104°24'
24.03.2034	3°25'	53°07'	60°25'	339°49'	22°26'	49°25'	353°22'	104°25'
25.03.2034	4°25'	67°39'	74°48'	341°17'	23°40'	50°06'	353°37'	104°26'
26.03.2034	5°24'	81°51'	88°49'	342°47'	24°54'	50°47'	353°51'	104°27'
27.03.2034	6°24'	95°42'	102°30'	344°18'	26°08'	51°28'	354°06'	104°28'
28.03.2034	7°23'	109°12'	115°49'	345°51'	27°22'	52°09'	354°20'	104°30'
29.03.2034	8°23'	122°22'	128°50'	347°25'	28°36'	52°50'	354°34'	104°31'
30.03.2034	9°22'	135°13'	141°33'	349°01'	29°50'	53°31'	354°48'	104°32'
31.03.2034	10°21'	147°49'	154°03'	350°38'	31°04'	54°12'	355°03'	104°34'
01.04.2034	11°20'	160°13'	166°20'	352°16'	32°18'	54°53'	355°17'	104°36'
02.04.2034	12°20'	172°25'	178°28'	353°55'	33°32'	55°34'	355°31'	104°38'
03.04.2034	13°19'	184°29'	190°28'	355°37'	34°45'	56°15'	355°45'	104°40'
04.04.2034	14°18'	196°26'	202°23'	357°19'	35°59'	56°56'	356°00'	104°42'
05.04.2034	15°17'	208°18'	214°14'	359°03'	37°13'	57°36'	356°14'	104°44'
06.04.2034	16°16'	220°08'	226°03'	0°48'	38°27'	58°17'	356°28'	104°46'
07.04.2034	17°15'	231°58'	237°53'	2°35'	39°40'	58°58'	356°42'	104°48'
08.04.2034	18°14'	243°50'	249°48'	4°23'	40°54'	59°38'	356°56'	104°51'
09.04.2034	19°13'	255°47'	261°49'	6°13'	42°07'	60°19'	357°10'	104°53'
10.04.2034	20°12'	267°53'	274°00'	8°04'	43°21'	60°59'	357°24'	104°56'
11.04.2034	21°11'	280°11'	286°27'	9°57'	44°34'	61°40'	357°38'	104°59'
12.04.2034	22°10'	292°46'	299°11'	11°51'	45°48'	62°21'	357°52'	105°01'
13.04.2034	23°09'	305°42'	312°18'	13°47'	47°01'	63°01'	358°05'	105°04'
14.04.2034	24°07'	319°01'	325°51'	15°44'	48°14'	63°41'	358°19'	105°07'
15.04.2034	25°06'	332°47'	339°49'	17°42'	49°28'	64°22'	358°33'	105°11'
16.04.2034	26°05'	346°59'	354°15'	19°42'	50°41'	65°02'	358°47'	105°14'
17.04.2034	27°04'	1°36'	9°03'	21°44'	51°54'	65°43'	359°00'	105°17'
18.04.2034	28°02'	16°34'	24°08'	23°46'	53°07'	66°23'	359°14'	105°21'
19.04.2034	29°01'	31°44'	39°21'	25°50'	54°21'	67°03'	359°28'	105°24'
20.04.2034	30°00'	46°57'	54°32'	27°55'	55°34'	67°44'	359°41'	105°28'
21.04.2034	30°58'	62°04'	69°31'	30°01'	56°47'	68°24'	359°55'	105°31'
22.04.2034	31°57'	76°54'	84°11'	32°08'	58°00'	69°04'	0°08'	105°35'
23.04.2034	32°56'	91°22'	98°26'	34°16'	59°13'	69°44'	0°21'	105°39'
24.04.2034	33°54'	105°23'	112°14'	36°24'	60°26'	70°24'	0°35'	105°43'
25.04.2034	34°53'	118°57'	125°35'	38°32'	61°39'	71°05'	0°48'	105°47'
26.04.2034	35°51'	132°06'	138°31'	40°40'	62°52'	71°45'	1°01'	105°51'
27.04.2034	36°49'	144°51'	151°07'	42°48'	64°04'	72°25'	1°14'	105°56'
28.04.2034	37°48'	157°18'	163°26'	44°56'	65°17'	73°05'	1°27'	106°00'
29.04.2034	38°46'	169°30'	175°32'	47°03'	66°30'	73°45'	1°40'	106°04'
30.04.2034	39°44'	181°32'	187°30'	49°08'	67°42'	74°25'	1°53'	106°09'
01.05.2034	40°43'	193°26'	199°22'	51°12'	68°55'	75°05'	2°06'	106°14'
02.05.2034	41°41'	205°17'	211°12'	53°14'	70°07'	75°45'	2°19'	106°18'
03.05.2034	42°39'	217°06'	223°01'	55°15'	71°20'	76°24'	2°32'	106°23'
04.05.2034	43°37'	228°56'	234°52'	57°12'	72°32'	77°04'	2°44'	106°28'
05.05.2034	44°35'	240°49'	246°47'	59°08'	73°45'	77°44'	2°57'	106°33'
06.05.2034	45°33'	252°46'	258°46'	61°00'	74°57'	78°24'	3°10'	106°38'

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07.05.2034	46°32'	264°49'	270°54'	62°50'	76°09'	79°04'	3°22'	106°43'
08.05.2034	47°30'	277°00'	283°10'	64°36'	77°22'	79°43'	3°34'	106°48'
09.05.2034	48°28'	289°23'	295°39'	66°19'	78°34'	80°23'	3°47'	106°53'
10.05.2034	49°26'	301°59'	308°23'	67°59'	79°46'	81°03'	3°59'	106°58'
11.05.2034	50°24'	314°51'	321°25'	69°36'	80°58'	81°42'	4°11'	107°04'
12.05.2034	51°22'	328°04'	334°49'	71°08'	82°10'	82°22'	4°23'	107°09'
13.05.2034	52°20'	341°40'	348°38'	72°37'	83°22'	83°02'	4°35'	107°15'
14.05.2034	53°18'	355°41'	2°51'	74°03'	84°34'	83°41'	4°47'	107°20'
15.05.2034	54°15'	10°07'	17°29'	75°24'	85°46'	84°21'	4°59'	107°26'
16.05.2034	55°13'	24°56'	32°27'	76°42'	86°57'	85°00'	5°11'	107°32'
17.05.2034	56°11'	40°01'	47°37'	77°55'	88°09'	85°40'	5°22'	107°37'
18.05.2034	57°09'	55°14'	62°51'	79°05'	89°21'	86°19'	5°34'	107°43'
19.05.2034	58°07'	70°26'	77°58'	80°11'	90°33'	86°59'	5°46'	107°49'
20.05.2034	59°05'	85°25'	92°47'	81°13'	91°44'	87°38'	5°57'	107°55'
21.05.2034	60°02'	100°03'	107°12'	82°10'	92°56'	88°18'	6°08'	108°01'
22.05.2034	61°00'	114°14'	121°08'	83°04'	94°07'	88°57'	6°19'	108°07'
23.05.2034	61°58'	127°55'	134°35'	83°53'	95°18'	89°36'	6°31'	108°13'
24.05.2034	62°56'	141°08'	147°34'	84°38'	96°30'	90°16'	6°42'	108°20'
25.05.2034	63°53'	153°54'	160°09'	85°18'	97°41'	90°55'	6°53'	108°26'
26.05.2034	64°51'	166°20'	172°26'	85°54'	98°52'	91°34'	7°03'	108°32'
27.05.2034	65°49'	178°29'	184°28'	86°25'	100°03'	92°13'	7°14'	108°39'
28.05.2034	66°46'	190°26'	196°22'	86°52'	101°14'	92°53'	7°25'	108°45'
29.05.2034	67°44'	202°17'	208°11'	87°14'	102°25'	93°32'	7°35'	108°51'
30.05.2034	68°41'	214°05'	219°59'	87°31'	103°36'	94°11'	7°46'	108°58'
31.05.2034	69°39'	225°54'	231°50'	87°44'	104°47'	94°50'	7°56'	109°05'
01.06.2034	70°36'	237°47'	243°46'	87°52'	105°58'	95°29'	8°06'	109°11'
02.06.2034	71°34'	249°46'	255°48'	87°55'	107°08'	96°08'	8°16'	109°18'
03.06.2034	72°31'	261°51'	267°57'	87°54'	108°19'	96°47'	8°26'	109°25'
04.06.2034	73°29'	274°05'	280°15'	87°48'	109°30'	97°27'	8°36'	109°31'
05.06.2034	74°26'	286°28'	292°43'	87°38'	110°40'	98°06'	8°46'	109°38'
06.06.2034	75°24'	299°01'	305°21'	87°24'	111°50'	98°45'	8°55'	109°45'
07.06.2034	76°21'	311°45'	318°12'	87°06'	113°01'	99°24'	9°05'	109°52'
08.06.2034	77°18'	324°43'	331°18'	86°44'	114°11'	100°03'	9°14'	109°59'
09.06.2034	78°16'	337°57'	344°40'	86°20'	115°21'	100°41'	9°24'	110°06'
10.06.2034	79°13'	351°29'	358°22'	85°52'	116°31'	101°20'	9°33'	110°13'
11.06.2034	80°11'	5°20'	12°24'	85°23'	117°41'	101°59'	9°42'	110°20'
12.06.2034	81°08'	19°33'	26°47'	84°51'	118°51'	102°38'	9°51'	110°27'
13.06.2034	82°05'	34°05'	41°28'	84°18'	120°00'	103°17'	9°59'	110°34'
14.06.2034	83°03'	48°54'	56°23'	83°44'	121°10'	103°56'	10°08'	110°41'
15.06.2034	84°00'	63°53'	71°23'	83°11'	122°20'	104°35'	10°16'	110°49'
16.06.2034	84°57'	78°53'	86°21'	82°37'	123°29'	105°14'	10°25'	110°56'
17.06.2034	85°55'	93°45'	101°05'	82°05'	124°39'	105°52'	10°33'	111°03'
18.06.2034	86°52'	108°20'	115°29'	81°34'	125°48'	106°31'	10°41'	111°11'
19.06.2034	87°49'	122°31'	129°27'	81°05'	126°57'	107°10'	10°49'	111°18'
20.06.2034	88°47'	136°15'	142°56'	80°39'	128°06'	107°49'	10°57'	111°25'
21.06.2034	89°44'	149°31'	155°59'	80°16'	129°15'	108°27'	11°05'	111°33'
22.06.2034	90°41'	162°20'	168°37'	79°56'	130°24'	109°06'	11°12'	111°40'
23.06.2034	91°38'	174°48'	180°55'	79°40'	131°33'	109°45'	11°19'	111°48'
24.06.2034	92°36'	186°58'	192°58'	79°28'	132°42'	110°24'	11°27'	111°55'
25.06.2034	93°33'	198°56'	204°52'	79°20'	133°50'	111°02'	11°34'	112°03'
26.06.2034	94°30'	210°47'	216°41'	79°17'	134°59'	111°41'	11°41'	112°10'
27.06.2034	95°27'	222°36'	228°31'	79°18'	136°07'	112°20'	11°47'	112°18'
28.06.2034	96°25'	234°27'	240°25'	79°24'	137°15'	112°58'	11°54'	112°25'
29.06.2034	97°22'	246°25'	252°27'	79°35'	138°23'	113°37'	12°00'	112°33'
30.06.2034	98°19'	258°31'	264°38'	79°51'	139°31'	114°15'	12°07'	112°40'

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01.07.2034	99°16'	270°47'	276°59'	80°11'	140°39'	114°54'	12°13'	112°48'
02.07.2034	100°13'	283°14'	289°32'	80°36'	141°47'	115°32'	12°19'	112°56'
03.07.2034	101°11'	295°53'	302°16'	81°07'	142°54'	116°11'	12°25'	113°03'
04.07.2034	102°08'	308°43'	315°12'	81°42'	144°02'	116°49'	12°30'	113°11'
05.07.2034	103°05'	321°44'	328°19'	82°22'	145°09'	117°28'	12°36'	113°19'
06.07.2034	104°02'	334°56'	341°37'	83°06'	146°16'	118°06'	12°41'	113°27'
07.07.2034	104°59'	348°21'	355°08'	83°55'	147°23'	118°45'	12°46'	113°34'
08.07.2034	105°56'	1°58'	8°52'	84°49'	148°30'	119°23'	12°51'	113°42'
09.07.2034	106°54'	15°49'	22°50'	85°47'	149°36'	120°02'	12°56'	113°50'
10.07.2034	107°51'	29°54'	37°01'	86°50'	150°43'	120°40'	13°01'	113°57'
11.07.2034	108°48'	44°12'	51°25'	87°57'	151°49'	121°19'	13°05'	114°05'
12.07.2034	109°45'	58°41'	65°59'	89°09'	152°55'	121°57'	13°10'	114°13'
13.07.2034	110°43'	73°18'	80°37'	90°25'	154°01'	122°36'	13°14'	114°21'
14.07.2034	111°40'	87°55'	95°12'	91°45'	155°07'	123°14'	13°18'	114°29'
15.07.2034	112°37'	102°26'	109°37'	93°10'	156°13'	123°52'	13°21'	114°36'
16.07.2034	113°34'	116°44'	123°47'	94°38'	157°18'	124°31'	13°25'	114°44'
17.07.2034	114°32'	130°44'	137°35'	96°11'	158°23'	125°09'	13°28'	114°52'
18.07.2034	115°29'	144°21'	151°00'	97°47'	159°29'	125°47'	13°32'	115°00'
19.07.2034	116°26'	157°33'	164°00'	99°27'	160°33'	126°26'	13°35'	115°07'
20.07.2034	117°23'	170°22'	176°39'	101°11'	161°38'	127°04'	13°37'	115°15'
21.07.2034	118°21'	182°50'	188°58'	102°58'	162°43'	127°43'	13°40'	115°23'
22.07.2034	119°18'	195°02'	201°03'	104°48'	163°47'	128°21'	13°43'	115°31'
23.07.2034	120°15'	207°01'	212°58'	106°41'	164°51'	128°59'	13°45'	115°39'
24.07.2034	121°13'	218°54'	224°49'	108°37'	165°55'	129°37'	13°47'	115°46'
25.07.2034	122°10'	230°45'	236°41'	110°35'	166°58'	130°16'	13°49'	115°54'
26.07.2034	123°07'	242°39'	248°39'	112°35'	168°02'	130°54'	13°50'	116°02'
27.07.2034	124°04'	254°41'	260°45'	114°38'	169°05'	131°32'	13°52'	116°10'
28.07.2034	125°02'	266°53'	273°04'	116°41'	170°08'	132°11'	13°53'	116°17'
29.07.2034	125°59'	279°19'	285°37'	118°46'	171°10'	132°49'	13°54'	116°25'
30.07.2034	126°56'	291°59'	298°25'	120°51'	172°13'	133°27'	13°55'	116°33'
31.07.2034	127°54'	304°55'	311°28'	122°57'	173°15'	134°05'	13°56'	116°40'
01.08.2034	128°51'	318°05'	324°45'	125°03'	174°16'	134°44'	13°57'	116°48'
02.08.2034	129°49'	331°28'	338°14'	127°09'	175°18'	135°22'	13°57'	116°56'
03.08.2034	130°46'	345°03'	351°54'	129°15'	176°19'	136°00'	13°57'	117°03'
04.08.2034	131°43'	358°48'	5°44'	131°20'	177°20'	136°38'	13°57'	117°11'
05.08.2034	132°41'	12°41'	19°41'	133°24'	178°20'	137°17'	13°57'	117°19'
06.08.2034	133°38'	26°42'	33°45'	135°27'	179°20'	137°55'	13°56'	117°26'
07.08.2034	134°36'	40°50'	47°55'	137°30'	180°20'	138°33'	13°56'	117°34'
08.08.2034	135°33'	55°02'	62°09'	139°31'	181°20'	139°11'	13°55'	117°41'
09.08.2034	136°31'	69°16'	76°24'	141°31'	182°19'	139°49'	13°54'	117°49'
10.08.2034	137°28'	83°31'	90°38'	143°29'	183°17'	140°28'	13°52'	117°56'
11.08.2034	138°26'	97°43'	104°46'	145°26'	184°16'	141°06'	13°51'	118°04'
12.08.2034	139°23'	111°47'	118°45'	147°22'	185°14'	141°44'	13°49'	118°11'
13.08.2034	140°21'	125°40'	132°30'	149°16'	186°11'	142°22'	13°47'	118°19'
14.08.2034	141°19'	139°17'	145°59'	151°09'	187°09'	143°00'	13°45'	118°26'
15.08.2034	142°16'	152°37'	159°10'	153°01'	188°05'	143°39'	13°43'	118°33'
16.08.2034	143°14'	165°38'	172°01'	154°50'	189°02'	144°17'	13°41'	118°41'
17.08.2034	144°12'	178°20'	184°35'	156°39'	189°57'	144°55'	13°38'	118°48'
18.08.2034	145°09'	190°45'	196°52'	158°26'	190°53'	145°33'	13°35'	118°55'
19.08.2034	146°07'	202°55'	208°56'	160°11'	191°48'	146°11'	13°32'	119°03'
20.08.2034	147°05'	214°55'	220°52'	161°55'	192°42'	146°50'	13°29'	119°10'
21.08.2034	148°02'	226°49'	232°44'	163°38'	193°36'	147°28'	13°26'	119°17'
22.08.2034	149°00'	238°40'	244°37'	165°19'	194°29'	148°06'	13°22'	119°24'
23.08.2034	149°58'	250°36'	256°36'	166°59'	195°22'	148°44'	13°18'	119°31'
24.08.2034	150°56'	262°38'	268°44'	168°38'	196°14'	149°22'	13°14'	119°38'

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25.08.2034	151°54'	274°53'	281°07'	170°15'	197°05'	150°00'	13°10'	119°45'
26.08.2034	152°52'	287°24'	293°46'	171°50'	197°56'	150°39'	13°06'	119°52'
27.08.2034	153°49'	300°13'	306°45'	173°25'	198°46'	151°17'	13°01'	119°59'
28.08.2034	154°47'	313°21'	320°03'	174°58'	199°35'	151°55'	12°57'	120°06'
29.08.2034	155°45'	326°49'	333°40'	176°29'	200°24'	152°33'	12°52'	120°13'
30.08.2034	156°43'	340°34'	347°33'	178°00'	201°12'	153°11'	12°47'	120°20'
31.08.2034	157°41'	354°35'	1°40'	179°29'	201°59'	153°50'	12°42'	120°27'
01.09.2034	158°39'	8°47'	15°55'	180°56'	202°45'	154°28'	12°37'	120°33'
02.09.2034	159°37'	23°05'	30°16'	182°22'	203°31'	155°06'	12°31'	120°40'
03.09.2034	160°35'	37°27'	44°38'	183°47'	204°15'	155°44'	12°26'	120°47'
04.09.2034	161°33'	51°48'	58°57'	185°11'	204°59'	156°22'	12°20'	120°53'
05.09.2034	162°32'	66°05'	73°11'	186°32'	205°42'	157°00'	12°14'	121°00'
06.09.2034	163°30'	80°15'	87°16'	187°53'	206°23'	157°39'	12°08'	121°06'
07.09.2034	164°28'	94°16'	101°12'	189°12'	207°04'	158°17'	12°02'	121°12'
08.09.2034	165°26'	108°06'	114°57'	190°29'	207°44'	158°55'	11°55'	121°19'
09.09.2034	166°24'	121°45'	128°30'	191°45'	208°22'	159°33'	11°49'	121°25'
10.09.2034	167°23'	135°11'	141°49'	192°59'	209°00'	160°11'	11°42'	121°31'
11.09.2034	168°21'	148°23'	154°54'	194°11'	209°36'	160°50'	11°36'	121°37'
12.09.2034	169°19'	161°21'	167°44'	195°22'	210°11'	161°28'	11°29'	121°44'
13.09.2034	170°18'	174°04'	180°21'	196°30'	210°45'	162°06'	11°22'	121°50'
14.09.2034	171°16'	186°34'	192°44'	197°37'	211°17'	162°44'	11°15'	121°56'
15.09.2034	172°15'	198°51'	204°56'	198°41'	211°48'	163°23'	11°08'	122°02'
16.09.2034	173°13'	210°57'	216°57'	199°43'	212°18'	164°01'	11°00'	122°07'
17.09.2034	174°12'	222°55'	228°52'	200°43'	212°46'	164°39'	10°53'	122°13'
18.09.2034	175°10'	234°48'	240°43'	201°40'	213°13'	165°17'	10°45'	122°19'
19.09.2034	176°09'	246°39'	252°35'	202°34'	213°37'	165°56'	10°38'	122°25'
20.09.2034	177°07'	258°33'	264°32'	203°25'	214°01'	166°34'	10°30'	122°30'
21.09.2034	178°06'	270°34'	276°39'	204°13'	214°22'	167°12'	10°23'	122°36'
22.09.2034	179°05'	282°47'	289°00'	204°57'	214°42'	167°50'	10°15'	122°41'
23.09.2034	180°03'	295°17'	301°39'	205°38'	215°00'	168°29'	10°07'	122°47'
24.09.2034	181°02'	308°07'	314°40'	206°14'	215°16'	169°07'	9°59'	122°52'
25.09.2034	182°01'	321°19'	328°04'	206°46'	215°29'	169°45'	9°51'	122°57'
26.09.2034	182°59'	334°56'	341°53'	207°14'	215°41'	170°24'	9°44'	123°02'
27.09.2034	183°58'	348°56'	356°04'	207°36'	215°51'	171°02'	9°36'	123°07'
28.09.2034	184°57'	3°17'	10°34'	207°52'	215°59'	171°40'	9°28'	123°12'
29.09.2034	185°56'	17°54'	25°17'	208°03'	216°04'	172°18'	9°20'	123°17'
30.09.2034	186°55'	32°41'	40°06'	208°07'	216°07'	172°57'	9°12'	123°22'
01.10.2034	187°54'	47°30'	54°53'	208°04'	216°08'	173°35'	9°03'	123°27'
02.10.2034	188°53'	62°13'	69°31'	207°55'	216°06'	174°13'	8°55'	123°32'
03.10.2034	189°52'	76°46'	83°56'	207°37'	216°02'	174°52'	8°47'	123°36'
04.10.2034	190°51'	91°02'	98°03'	207°12'	215°56'	175°30'	8°39'	123°41'
05.10.2034	191°50'	105°00'	111°52'	206°40'	215°47'	176°08'	8°31'	123°45'
06.10.2034	192°49'	118°40'	125°23'	205°59'	215°36'	176°47'	8°23'	123°49'
07.10.2034	193°48'	132°01'	138°36'	205°11'	215°22'	177°25'	8°15'	123°54'
08.10.2034	194°47'	145°06'	151°33'	204°16'	215°07'	178°04'	8°07'	123°58'
09.10.2034	195°47'	157°56'	164°16'	203°15'	214°48'	178°42'	7°59'	124°02'
10.10.2034	196°46'	170°33'	176°47'	202°09'	214°28'	179°20'	7°51'	124°06'
11.10.2034	197°45'	182°58'	189°07'	200°59'	214°05'	179°59'	7°44'	124°10'
12.10.2034	198°45'	195°14'	201°18'	199°48'	213°41'	180°37'	7°36'	124°14'
13.10.2034	199°44'	207°21'	213°21'	198°36'	213°14'	181°16'	7°28'	124°17'
14.10.2034	200°43'	219°21'	225°18'	197°27'	212°46'	181°54'	7°20'	124°21'
15.10.2034	201°43'	231°15'	237°11'	196°21'	212°15'	182°33'	7°13'	124°24'
16.10.2034	202°42'	243°06'	249°02'	195°22'	211°44'	183°11'	7°05'	124°28'
17.10.2034	203°42'	254°57'	260°53'	194°30'	211°10'	183°50'	6°58'	124°31'
18.10.2034	204°41'	266°50'	272°48'	193°47'	210°36'	184°28'	6°51'	124°34'

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19.10.2034	205°41'	278°49'	284°52'	193°15'	210°01'	185°06'	6°43'	124°38'
20.10.2034	206°40'	290°59'	297°09'	192°53'	209°25'	185°45'	6°36'	124°41'
21.10.2034	207°40'	303°23'	309°42'	192°43'	208°49'	186°23'	6°29'	124°44'
22.10.2034	208°40'	316°07'	322°38'	192°43'	208°12'	187°02'	6°22'	124°46'
23.10.2034	209°39'	329°15'	335°58'	192°55'	207°35'	187°41'	6°16'	124°49'
24.10.2034	210°39'	342°49'	349°46'	193°17'	206°59'	188°19'	6°09'	124°52'
25.10.2034	211°39'	356°51'	4°02'	193°49'	206°23'	188°58'	6°02'	124°54'
26.10.2034	212°39'	11°20'	18°43'	194°30'	205°48'	189°36'	5°56'	124°57'
27.10.2034	213°38'	26°11'	33°43'	195°19'	205°13'	190°15'	5°50'	124°59'
28.10.2034	214°38'	41°18'	48°54'	196°16'	204°40'	190°53'	5°44'	125°01'
29.10.2034	215°38'	56°30'	64°05'	197°19'	204°09'	191°32'	5°38'	125°03'
30.10.2034	216°38'	71°38'	79°07'	198°27'	203°39'	192°10'	5°32'	125°05'
31.10.2034	217°38'	86°31'	93°50'	199°41'	203°11'	192°49'	5°26'	125°07'
01.11.2034	218°38'	101°03'	108°10'	200°59'	202°44'	193°28'	5°21'	125°09'
02.11.2034	219°38'	115°10'	122°03'	202°20'	202°20'	194°06'	5°15'	125°11'
03.11.2034	220°38'	128°51'	135°31'	203°45'	201°58'	194°45'	5°10'	125°12'
04.11.2034	221°38'	142°06'	148°36'	205°12'	201°38'	195°24'	5°05'	125°14'
05.11.2034	222°38'	155°01'	161°21'	206°41'	201°21'	196°02'	5°00'	125°15'
06.11.2034	223°38'	167°37'	173°49'	208°12'	201°06'	196°41'	4°56'	125°16'
07.11.2034	224°39'	179°59'	186°05'	209°44'	200°54'	197°20'	4°51'	125°17'
08.11.2034	225°39'	192°10'	198°12'	211°18'	200°44'	197°58'	4°47'	125°18'
09.11.2034	226°39'	204°13'	210°13'	212°52'	200°36'	198°37'	4°43'	125°19'
10.11.2034	227°39'	216°11'	222°08'	214°27'	200°31'	199°16'	4°39'	125°20'
11.11.2034	228°40'	228°05'	234°01'	216°02'	200°28'	199°55'	4°35'	125°21'
12.11.2034	229°40'	239°57'	245°53'	217°38'	200°28'	200°33'	4°31'	125°21'
13.11.2034	230°40'	251°48'	257°44'	219°14'	200°30'	201°12'	4°28'	125°22'
14.11.2034	231°41'	263°40'	269°37'	220°51'	200°35'	201°51'	4°25'	125°22'
15.11.2034	232°41'	275°35'	281°35'	222°27'	200°42'	202°30'	4°22'	125°22'
16.11.2034	233°42'	287°36'	293°39'	224°03'	200°51'	203°08'	4°19'	125°23'
17.11.2034	234°42'	299°45'	305°54'	225°40'	201°02'	203°47'	4°16'	125°23'
18.11.2034	235°42'	312°06'	318°23'	227°16'	201°16'	204°26'	4°14'	125°22'
19.11.2034	236°43'	324°44'	331°11'	228°52'	201°31'	205°05'	4°12'	125°22'
20.11.2034	237°44'	337°43'	344°22'	230°28'	201°49'	205°44'	4°10'	125°22'
21.11.2034	238°44'	351°07'	358°00'	232°04'	202°09'	206°22'	4°08'	125°21'
22.11.2034	239°45'	5°00'	12°07'	233°40'	202°30'	207°01'	4°06'	125°21'
23.11.2034	240°45'	19°21'	26°42'	235°15'	202°54'	207°40'	4°05'	125°20'
24.11.2034	241°46'	34°09'	41°42'	236°50'	203°19'	208°19'	4°04'	125°19'
25.11.2034	242°46'	49°19'	56°58'	238°26'	203°46'	208°58'	4°03'	125°18'
26.11.2034	243°47'	64°40'	72°21'	240°01'	204°14'	209°37'	4°02'	125°17'
27.11.2034	244°48'	80°01'	87°38'	241°36'	204°45'	210°16'	4°02'	125°16'
28.11.2034	245°48'	95°10'	102°38'	243°10'	205°16'	210°55'	4°01'	125°15'
29.11.2034	246°49'	109°58'	117°12'	244°45'	205°50'	211°34'	4°01'	125°14'
30.11.2034	247°50'	124°19'	131°18'	246°19'	206°25'	212°13'	4°01'	125°12'
01.12.2034	248°51'	138°09'	144°53'	247°54'	207°01'	212°52'	4°02'	125°11'
02.12.2034	249°52'	151°30'	158°00'	249°28'	207°38'	213°31'	4°02'	125°09'
03.12.2034	250°52'	164°25'	170°44'	251°02'	208°17'	214°10'	4°03'	125°07'
04.12.2034	251°53'	176°58'	183°07'	252°37'	208°57'	214°49'	4°04'	125°05'
05.12.2034	252°54'	189°14'	195°17'	254°11'	209°39'	215°28'	4°05'	125°04'
06.12.2034	253°55'	201°18'	207°17'	255°45'	210°21'	216°07'	4°06'	125°01'
07.12.2034	254°56'	213°14'	219°10'	257°19'	211°05'	216°46'	4°08'	124°59'
08.12.2034	255°57'	225°06'	231°01'	258°53'	211°49'	217°25'	4°09'	124°57'
09.12.2034	256°58'	236°57'	242°52'	260°28'	212°35'	218°04'	4°11'	124°55'
10.12.2034	257°59'	248°48'	254°45'	262°02'	213°22'	218°43'	4°13'	124°52'
11.12.2034	259°00'	260°42'	266°40'	263°36'	214°09'	219°22'	4°16'	124°49'
12.12.2034	260°01'	272°39'	278°40'	265°10'	214°58'	220°01'	4°18'	124°47'

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13.12.2034	261°02'	284°41'	290°44'	266°45'	215°47'	220°40'	4°21'	124°44'
14.12.2034	262°03'	296°49'	302°56'	268°19'	216°37'	221°19'	4°24'	124°41'
15.12.2034	263°04'	309°04'	315°16'	269°54'	217°28'	221°58'	4°27'	124°38'
16.12.2034	264°05'	321°30'	327°48'	271°28'	218°20'	222°38'	4°31'	124°35'
17.12.2034	265°06'	334°09'	340°35'	273°03'	219°12'	223°17'	4°34'	124°32'
18.12.2034	266°07'	347°05'	353°41'	274°38'	220°05'	223°56'	4°38'	124°29'
19.12.2034	267°08'	0°22'	7°09'	276°13'	220°59'	224°35'	4°42'	124°25'
20.12.2034	268°09'	14°02'	21°02'	277°48'	221°53'	225°14'	4°46'	124°22'
21.12.2034	269°10'	28°09'	35°21'	279°22'	222°49'	225°53'	4°50'	124°18'
22.12.2034	270°11'	42°40'	50°05'	280°57'	223°44'	226°32'	4°55'	124°15'
23.12.2034	271°12'	57°35'	65°08'	282°32'	224°41'	227°12'	5°00'	124°11'
24.12.2034	272°13'	72°44'	80°21'	284°07'	225°38'	227°51'	5°04'	124°07'
25.12.2034	273°15'	87°58'	95°34'	285°42'	226°35'	228°30'	5°09'	124°04'
26.12.2034	274°16'	103°07'	110°36'	287°17'	227°33'	229°09'	5°15'	124°00'
27.12.2034	275°17'	118°00'	125°18'	288°51'	228°31'	229°49'	5°20'	123°56'
28.12.2034	276°18'	132°29'	139°32'	290°25'	229°30'	230°28'	5°26'	123°52'
29.12.2034	277°19'	146°28'	153°17'	291°58'	230°30'	231°07'	5°32'	123°48'
30.12.2034	278°20'	159°58'	166°32'	293°31'	231°30'	231°46'	5°37'	123°43'
31.12.2034	279°21'	173°00'	179°22'	295°03'	232°30'	232°26'	5°44'	123°39'
01.01.2035	280°22'	185°38'	191°49'	296°34'	233°31'	233°05'	5°50'	123°35'
02.01.2035	281°24'	197°56'	203°59'	298°04'	234°32'	233°44'	5°56'	123°31'
03.01.2035	282°25'	210°00'	215°59'	299°33'	235°34'	234°24'	6°03'	123°26'
04.01.2035	283°26'	221°55'	227°51'	300°59'	236°36'	235°03'	6°10'	123°22'
05.01.2035	284°27'	233°46'	239°41'	302°24'	237°38'	235°42'	6°17'	123°17'
06.01.2035	285°28'	245°36'	251°32'	303°46'	238°41'	236°22'	6°24'	123°13'
07.01.2035	286°29'	257°29'	263°27'	305°05'	239°44'	237°01'	6°31'	123°08'
08.01.2035	287°31'	269°27'	275°29'	306°20'	240°48'	237°40'	6°39'	123°03'
09.01.2035	288°32'	281°32'	287°37'	307°32'	241°51'	238°20'	6°46'	122°59'
10.01.2035	289°33'	293°44'	299°53'	308°38'	242°55'	238°59'	6°54'	122°54'
11.01.2035	290°34'	306°05'	312°18'	309°38'	244°00'	239°39'	7°02'	122°49'
12.01.2035	291°35'	318°35'	324°53'	310°33'	245°04'	240°18'	7°10'	122°45'
13.01.2035	292°36'	331°15'	337°39'	311°19'	246°09'	240°57'	7°18'	122°40'
14.01.2035	293°37'	344°06'	350°37'	311°58'	247°14'	241°37'	7°27'	122°35'
15.01.2035	294°39'	357°11'	3°49'	312°27'	248°20'	242°16'	7°35'	122°30'
16.01.2035	295°40'	10°31'	17°18'	312°47'	249°25'	242°56'	7°44'	122°25'
17.01.2035	296°41'	24°09'	31°04'	312°56'	250°31'	243°35'	7°53'	122°20'
18.01.2035	297°42'	38°05'	45°10'	312°53'	251°37'	244°15'	8°01'	122°15'
19.01.2035	298°43'	52°20'	59°34'	312°39'	252°44'	244°54'	8°11'	122°10'
20.01.2035	299°44'	66°51'	74°12'	312°13'	253°50'	245°33'	8°20'	122°06'
21.01.2035	300°45'	81°36'	89°01'	311°36'	254°57'	246°13'	8°29'	122°01'
22.01.2035	301°46'	96°27'	103°52'	310°48'	256°04'	246°52'	8°39'	121°56'
23.01.2035	302°47'	111°15'	118°37'	309°51'	257°11'	247°32'	8°48'	121°51'
24.01.2035	303°48'	125°54'	133°07'	308°45'	258°18'	248°11'	8°58'	121°46'
25.01.2035	304°49'	140°15'	147°17'	307°34'	259°26'	248°51'	9°08'	121°41'
26.01.2035	305°50'	154°13'	161°03'	306°19'	260°34'	249°30'	9°18'	121°36'
27.01.2035	306°51'	167°46'	174°22'	305°03'	261°42'	250°10'	9°28'	121°31'
28.01.2035	307°52'	180°53'	187°17'	303°48'	262°50'	250°49'	9°38'	121°26'
29.01.2035	308°53'	193°37'	199°51'	302°35'	263°58'	251°29'	9°48'	121°21'
30.01.2035	309°54'	206°00'	212°06'	301°27'	265°06'	252°08'	9°59'	121°16'
31.01.2035	310°55'	218°09'	224°09'	300°26'	266°15'	252°48'	10°09'	121°12'
01.02.2035	311°56'	230°07'	236°03'	299°32'	267°23'	253°27'	10°20'	121°07'
02.02.2035	312°57'	241°59'	247°55'	298°45'	268°32'	254°07'	10°31'	121°02'
03.02.2035	313°58'	253°51'	259°47'	298°08'	269°41'	254°47'	10°42'	120°57'
04.02.2035	314°59'	265°45'	271°45'	297°39'	270°50'	255°26'	10°53'	120°52'
05.02.2035	316°00'	277°47'	283°51'	297°18'	272°00'	256°06'	11°04'	120°48'

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06.02.2035	317°00'	289°58'	296°08'	297°06'	273°09'	256°45'	11°15'	120°43'
07.02.2035	318°01'	302°21'	308°37'	297°02'	274°19'	257°25'	11°26'	120°39'
08.02.2035	319°02'	314°57'	321°19'	297°05'	275°28'	258°04'	11°38'	120°34'
09.02.2035	320°03'	327°45'	334°14'	297°15'	276°38'	258°44'	11°49'	120°29'
10.02.2035	321°04'	340°47'	347°22'	297°32'	277°48'	259°24'	12°01'	120°25'
11.02.2035	322°04'	354°01'	0°42'	297°55'	278°58'	260°03'	12°12'	120°21'
12.02.2035	323°05'	7°27'	14°14'	298°23'	280°08'	260°43'	12°24'	120°16'
13.02.2035	324°06'	21°04'	27°57'	298°57'	281°18'	261°22'	12°36'	120°12'
14.02.2035	325°06'	34°53'	41°51'	299°35'	282°28'	262°02'	12°48'	120°08'
15.02.2035	326°07'	48°52'	55°55'	300°17'	283°38'	262°41'	13°00'	120°03'
16.02.2035	327°08'	63°00'	70°08'	301°04'	284°49'	263°21'	13°12'	119°59'
17.02.2035	328°08'	77°16'	84°26'	301°54'	285°59'	264°01'	13°24'	119°55'
18.02.2035	329°09'	91°37'	98°48'	302°47'	287°10'	264°40'	13°37'	119°51'
19.02.2035	330°09'	105°59'	113°09'	303°44'	288°20'	265°20'	13°49'	119°47'
20.02.2035	331°10'	120°17'	127°24'	304°43'	289°31'	265°59'	14°01'	119°44'
21.02.2035	332°10'	134°28'	141°29'	305°45'	290°42'	266°39'	14°14'	119°40'
22.02.2035	333°11'	148°26'	155°19'	306°49'	291°53'	267°18'	14°27'	119°36'
23.02.2035	334°11'	162°08'	168°52'	307°56'	293°04'	267°58'	14°39'	119°32'
24.02.2035	335°12'	175°31'	182°05'	309°05'	294°15'	268°38'	14°52'	119°29'
25.02.2035	336°12'	188°34'	194°59'	310°16'	295°26'	269°17'	15°05'	119°25'
26.02.2035	337°12'	201°18'	207°33'	311°29'	296°37'	269°57'	15°18'	119°22'
27.02.2035	338°13'	213°44'	219°52'	312°43'	297°48'	270°36'	15°31'	119°19'
28.02.2035	339°13'	225°56'	231°58'	313°59'	298°59'	271°16'	15°44'	119°16'
01.03.2035	340°13'	237°57'	243°55'	315°17'	300°11'	271°55'	15°57'	119°12'
02.03.2035	341°13'	249°51'	255°48'	316°37'	301°22'	272°35'	16°10'	119°09'
03.03.2035	342°14'	261°44'	267°41'	317°57'	302°34'	273°15'	16°23'	119°06'
04.03.2035	343°14'	273°40'	279°40'	319°20'	303°45'	273°54'	16°36'	119°04'
05.03.2035	344°14'	285°43'	291°48'	320°43'	304°57'	274°34'	16°50'	119°01'
06.03.2035	345°14'	297°57'	304°10'	322°08'	306°08'	275°13'	17°03'	118°58'
07.03.2035	346°14'	310°27'	316°48'	323°35'	307°20'	275°53'	17°16'	118°56'
08.03.2035	347°14'	323°13'	329°43'	325°02'	308°32'	276°32'	17°30'	118°53'
09.03.2035	348°14'	336°18'	342°57'	326°31'	309°44'	277°12'	17°43'	118°51'
10.03.2035	349°14'	349°41'	356°29'	328°01'	310°55'	277°52'	17°57'	118°49'
11.03.2035	350°14'	3°20'	10°16'	329°32'	312°07'	278°31'	18°11'	118°46'
12.03.2035	351°14'	17°15'	24°16'	331°05'	313°19'	279°11'	18°24'	118°44'
13.03.2035	352°14'	31°20'	38°25'	332°38'	314°31'	279°50'	18°38'	118°42'
14.03.2035	353°14'	45°32'	52°40'	334°13'	315°43'	280°30'	18°52'	118°41'
15.03.2035	354°14'	59°48'	66°56'	335°49'	316°55'	281°09'	19°05'	118°39'
16.03.2035	355°14'	74°04'	81°11'	337°26'	318°07'	281°49'	19°19'	118°37'
17.03.2035	356°14'	88°17'	95°22'	339°05'	319°19'	282°28'	19°33'	118°36'
18.03.2035	357°13'	102°25'	109°26'	340°44'	320°31'	283°07'	19°47'	118°34'
19.03.2035	358°13'	116°25'	123°22'	342°25'	321°43'	283°47'	20°01'	118°33'
20.03.2035	359°13'	130°17'	137°09'	344°07'	322°56'	284°26'	20°15'	118°32'
21.03.2035	0°12'	143°58'	150°45'	345°50'	324°08'	285°06'	20°29'	118°31'
22.03.2035	1°12'	157°28'	164°09'	347°35'	325°20'	285°45'	20°43'	118°30'
23.03.2035	2°11'	170°46'	177°19'	349°21'	326°32'	286°24'	20°57'	118°29'
24.03.2035	3°11'	183°50'	190°16'	351°08'	327°45'	287°04'	21°11'	118°28'
25.03.2035	4°10'	196°39'	202°59'	352°56'	328°57'	287°43'	21°25'	118°27'
26.03.2035	5°10'	209°15'	215°27'	354°46'	330°09'	288°23'	21°40'	118°27'
27.03.2035	6°09'	221°37'	227°43'	356°37'	331°22'	289°02'	21°54'	118°26'
28.03.2035	7°09'	233°47'	239°48'	358°29'	332°34'	289°41'	22°08'	118°26'
29.03.2035	8°08'	245°48'	251°46'	0°23'	333°46'	290°20'	22°22'	118°26'
30.03.2035	9°07'	257°43'	263°39'	2°18'	334°59'	291°00'	22°37'	118°26'
31.03.2035	10°07'	269°35'	275°32'	4°14'	336°11'	291°39'	22°51'	118°26'
01.04.2035	11°06'	281°30'	287°30'	6°11'	337°24'	292°18'	23°05'	118°26'

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02.04.2035	12°05'	293°32'	299°37'	8°10'	338°36'	292°58'	23°19'	118°26'
03.04.2035	13°04'	305°46'	311°59'	10°10'	339°49'	293°37'	23°34'	118°26'
04.04.2035	14°04'	318°16'	324°38'	12°11'	341°02'	294°16'	23°48'	118°27'
05.04.2035	15°03'	331°06'	337°40'	14°13'	342°14'	294°55'	24°03'	118°27'
06.04.2035	16°02'	344°19'	351°05'	16°16'	343°27'	295°34'	24°17'	118°28'
07.04.2035	17°01'	357°56'	4°54'	18°20'	344°39'	296°13'	24°31'	118°29'
08.04.2035	18°00'	11°56'	19°04'	20°24'	345°52'	296°52'	24°46'	118°29'
09.04.2035	18°59'	26°16'	33°31'	22°29'	347°05'	297°31'	25°00'	118°30'
10.04.2035	19°58'	40°50'	48°10'	24°35'	348°17'	298°10'	25°15'	118°32'
11.04.2035	20°57'	55°31'	62°52'	26°40'	349°30'	298°49'	25°29'	118°33'
12.04.2035	21°56'	70°12'	77°31'	28°45'	350°43'	299°28'	25°43'	118°34'
13.04.2035	22°55'	84°47'	92°00'	30°50'	351°55'	300°07'	25°58'	118°35'
14.04.2035	23°54'	99°10'	106°16'	32°54'	353°08'	300°46'	26°12'	118°37'
15.04.2035	24°52'	113°18'	120°15'	34°57'	354°21'	301°25'	26°27'	118°39'
16.04.2035	25°51'	127°09'	133°59'	36°58'	355°34'	302°04'	26°41'	118°40'
17.04.2035	26°50'	140°45'	147°27'	38°57'	356°46'	302°42'	26°56'	118°42'
18.04.2035	27°49'	154°05'	160°40'	40°54'	357°59'	303°21'	27°10'	118°44'
19.04.2035	28°47'	167°12'	173°41'	42°49'	359°12'	304°00'	27°25'	118°46'
20.04.2035	29°46'	180°06'	186°29'	44°41'	0°25'	304°38'	27°39'	118°48'
21.04.2035	30°44'	192°49'	199°07'	46°30'	1°37'	305°17'	27°53'	118°51'
22.04.2035	31°43'	205°21'	211°34'	48°16'	2°50'	305°55'	28°08'	118°53'
23.04.2035	32°41'	217°44'	223°51'	49°57'	4°03'	306°34'	28°22'	118°55'
24.04.2035	33°40'	229°57'	236°00'	51°36'	5°16'	307°12'	28°37'	118°58'
25.04.2035	34°38'	242°01'	248°01'	53°10'	6°29'	307°51'	28°51'	119°01'
26.04.2035	35°37'	253°59'	259°57'	54°40'	7°42'	308°29'	29°06'	119°03'
27.04.2035	36°35'	265°53'	271°49'	56°05'	8°54'	309°07'	29°20'	119°06'
28.04.2035	37°34'	277°44'	283°41'	57°26'	10°07'	309°46'	29°34'	119°09'
29.04.2035	38°32'	289°38'	295°37'	58°43'	11°20'	310°24'	29°49'	119°12'
30.04.2035	39°30'	301°38'	307°42'	59°55'	12°33'	311°02'	30°03'	119°16'
01.05.2035	40°28'	313°49'	320°00'	61°02'	13°46'	311°40'	30°17'	119°19'
02.05.2035	41°27'	326°16'	332°37'	62°05'	14°59'	312°18'	30°32'	119°22'
03.05.2035	42°25'	339°04'	345°37'	63°02'	16°12'	312°56'	30°46'	119°26'
04.05.2035	43°23'	352°17'	359°04'	63°55'	17°25'	313°34'	31°00'	119°29'
05.05.2035	44°21'	5°58'	12°59'	64°42'	18°38'	314°12'	31°14'	119°33'
06.05.2035	45°20'	20°06'	27°20'	65°25'	19°51'	314°50'	31°29'	119°36'
07.05.2035	46°18'	34°40'	42°05'	66°02'	21°04'	315°27'	31°43'	119°40'
08.05.2035	47°16'	49°34'	57°05'	66°35'	22°16'	316°05'	31°57'	119°44'
09.05.2035	48°14'	64°38'	72°11'	67°02'	23°29'	316°42'	32°11'	119°48'
10.05.2035	49°12'	79°43'	87°13'	67°23'	24°42'	317°20'	32°25'	119°52'
11.05.2035	50°10'	94°40'	102°02'	67°40'	25°55'	317°57'	32°39'	119°56'
12.05.2035	51°08'	109°19'	116°31'	67°52'	27°08'	318°34'	32°53'	120°01'
13.05.2035	52°06'	123°37'	130°38'	67°58'	28°21'	319°12'	33°07'	120°05'
14.05.2035	53°04'	137°32'	144°21'	67°59'	29°34'	319°49'	33°21'	120°09'
15.05.2035	54°02'	151°04'	157°42'	67°56'	30°47'	320°26'	33°35'	120°14'
16.05.2035	55°00'	164°15'	170°44'	67°48'	32°00'	321°03'	33°49'	120°18'
17.05.2035	55°58'	177°08'	183°29'	67°35'	33°13'	321°39'	34°03'	120°23'
18.05.2035	56°55'	189°47'	196°02'	67°18'	34°26'	322°16'	34°17'	120°28'
19.05.2035	57°53'	202°14'	208°23'	66°57'	35°39'	322°53'	34°31'	120°33'
20.05.2035	58°51'	214°31'	220°37'	66°33'	36°52'	323°29'	34°45'	120°38'
21.05.2035	59°49'	226°41'	232°43'	66°06'	38°05'	324°06'	34°58'	120°43'
22.05.2035	60°46'	238°44'	244°44'	65°36'	39°18'	324°42'	35°12'	120°48'
23.05.2035	61°44'	250°42'	256°40'	65°05'	40°31'	325°18'	35°26'	120°53'
24.05.2035	62°42'	262°36'	268°33'	64°32'	41°44'	325°54'	35°39'	120°58'
25.05.2035	63°39'	274°28'	280°24'	63°58'	42°57'	326°30'	35°53'	121°03'
26.05.2035	64°37'	286°20'	292°16'	63°23'	44°11'	327°06'	36°06'	121°08'

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27.05.2035	65°35'	298°14'	304°13'	62°49'	45°24'	327°41'	36°20'	121°14'
28.05.2035	66°32'	310°14'	316°17'	62°16'	46°37'	328°17'	36°33'	121°19'
29.05.2035	67°30'	322°24'	328°34'	61°45'	47°50'	328°52'	36°47'	121°25'
30.05.2035	68°27'	334°48'	341°08'	61°15'	49°03'	329°28'	37°00'	121°31'
31.05.2035	69°25'	347°33'	354°04'	60°48'	50°16'	330°03'	37°13'	121°36'
01.06.2035	70°22'	0°41'	7°26'	60°24'	51°29'	330°38'	37°27'	121°42'
02.06.2035	71°20'	14°18'	21°17'	60°04'	52°42'	331°13'	37°40'	121°48'
03.06.2035	72°17'	28°24'	35°38'	59°46'	53°55'	331°47'	37°53'	121°54'
04.06.2035	73°15'	42°58'	50°25'	59°33'	55°08'	332°22'	38°06'	122°00'
05.06.2035	74°12'	57°56'	65°32'	59°24'	56°22'	332°56'	38°19'	122°06'
06.06.2035	75°10'	73°10'	80°49'	59°19'	57°35'	333°30'	38°32'	122°12'
07.06.2035	76°07'	88°28'	96°05'	59°18'	58°48'	334°04'	38°45'	122°18'
08.06.2035	77°05'	103°39'	111°09'	59°22'	60°01'	334°38'	38°57'	122°24'
09.06.2035	78°02'	118°34'	125°53'	59°31'	61°14'	335°11'	39°10'	122°30'
10.06.2035	79°00'	133°05'	140°11'	59°44'	62°28'	335°45'	39°23'	122°36'
11.06.2035	79°57'	147°09'	154°01'	60°01'	63°41'	336°18'	39°35'	122°43'
12.06.2035	80°54'	160°46'	167°25'	60°23'	64°54'	336°51'	39°48'	122°49'
13.06.2035	81°52'	173°57'	180°25'	60°49'	66°07'	337°23'	40°00'	122°56'
14.06.2035	82°49'	186°47'	193°05'	61°20'	67°20'	337°56'	40°13'	123°02'
15.06.2035	83°46'	199°19'	205°30'	61°55'	68°34'	338°28'	40°25'	123°09'
16.06.2035	84°44'	211°38'	217°43'	62°34'	69°47'	339°00'	40°37'	123°15'
17.06.2035	85°41'	223°46'	229°47'	63°17'	71°00'	339°32'	40°50'	123°22'
18.06.2035	86°38'	235°47'	241°46'	64°04'	72°13'	340°04'	41°02'	123°29'
19.06.2035	87°36'	247°44'	253°41'	64°56'	73°27'	340°35'	41°14'	123°35'
20.06.2035	88°33'	259°37'	265°33'	65°51'	74°40'	341°06'	41°26'	123°42'
21.06.2035	89°30'	271°29'	277°25'	66°50'	75°53'	341°37'	41°37'	123°49'
22.06.2035	90°27'	283°22'	289°19'	67°53'	77°07'	342°08'	41°49'	123°56'
23.06.2035	91°25'	295°16'	301°15'	68°59'	78°20'	342°38'	42°01'	124°03'
24.06.2035	92°22'	307°14'	313°16'	70°10'	79°33'	343°08'	42°13'	124°10'
25.06.2035	93°19'	319°19'	325°24'	71°23'	80°47'	343°38'	42°24'	124°17'
26.06.2035	94°16'	331°33'	337°45'	72°41'	82°00'	344°07'	42°35'	124°24'
27.06.2035	95°13'	344°00'	350°20'	74°02'	83°13'	344°36'	42°47'	124°31'
28.06.2035	96°11'	356°44'	3°14'	75°26'	84°27'	345°05'	42°58'	124°38'
29.06.2035	97°08'	9°50'	16°32'	76°54'	85°40'	345°34'	43°09'	124°45'
30.06.2035	98°05'	23°21'	30°17'	78°25'	86°54'	346°02'	43°20'	124°52'
01.07.2035	99°02'	37°19'	44°28'	80°00'	88°07'	346°30'	43°31'	124°59'
02.07.2035	99°59'	51°44'	59°06'	81°38'	89°21'	346°57'	43°42'	125°07'
03.07.2035	100°57'	66°33'	74°05'	83°19'	90°34'	347°24'	43°53'	125°14'
04.07.2035	101°54'	81°40'	89°17'	85°04'	91°47'	347°51'	44°04'	125°21'
05.07.2035	102°51'	96°54'	104°31'	86°51'	93°01'	348°17'	44°14'	125°29'
06.07.2035	103°48'	112°07'	119°38'	88°42'	94°15'	348°43'	44°25'	125°36'
07.07.2035	104°46'	127°06'	134°28'	90°35'	95°28'	349°09'	44°35'	125°43'
08.07.2035	105°43'	141°44'	148°54'	92°31'	96°42'	349°34'	44°45'	125°51'
09.07.2035	106°40'	155°56'	162°52'	94°30'	97°55'	349°58'	44°55'	125°58'
10.07.2035	107°37'	169°41'	176°23'	96°30'	99°09'	350°23'	45°05'	126°06'
11.07.2035	108°35'	182°58'	189°27'	98°33'	100°22'	350°46'	45°15'	126°13'
12.07.2035	109°32'	195°51'	202°10'	100°38'	101°36'	351°10'	45°25'	126°21'
13.07.2035	110°29'	208°24'	214°34'	102°44'	102°50'	351°33'	45°35'	126°28'
14.07.2035	111°26'	220°40'	226°44'	104°51'	104°03'	351°55'	45°44'	126°36'
15.07.2035	112°23'	232°45'	238°45'	106°59'	105°17'	352°17'	45°54'	126°43'
16.07.2035	113°21'	244°43'	250°40'	109°07'	106°31'	352°38'	46°03'	126°51'
17.07.2035	114°18'	256°36'	262°32'	111°16'	107°44'	352°59'	46°12'	126°59'
18.07.2035	115°15'	268°28'	274°24'	113°25'	108°58'	353°20'	46°22'	127°06'
19.07.2035	116°12'	280°21'	286°18'	115°34'	110°12'	353°39'	46°31'	127°14'
20.07.2035	117°09'	292°17'	298°16'	117°42'	111°25'	353°59'	46°39'	127°21'

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21.07.2035	118°07'	304°17'	310°20'	119°49'	112°39'	354°18'	46°48'	127°29'
22.07.2035	119°04'	316°24'	322°31'	121°55'	113°53'	354°36'	46°57'	127°37'
23.07.2035	120°01'	328°39'	334°51'	124°00'	115°07'	354°53'	47°05'	127°44'
24.07.2035	120°58'	341°05'	347°22'	126°04'	116°21'	355°10'	47°13'	127°52'
25.07.2035	121°56'	353°42'	0°06'	128°07'	117°34'	355°27'	47°22'	128°00'
26.07.2035	122°53'	6°34'	13°07'	130°08'	118°48'	355°43'	47°30'	128°08'
27.07.2035	123°50'	19°44'	26°27'	132°08'	120°02'	355°58'	47°38'	128°15'
28.07.2035	124°48'	33°14'	40°07'	134°06'	121°16'	356°12'	47°45'	128°23'
29.07.2035	125°45'	47°06'	54°10'	136°03'	122°30'	356°26'	47°53'	128°31'
30.07.2035	126°42'	61°19'	68°33'	137°58'	123°44'	356°39'	48°01'	128°38'
31.07.2035	127°40'	75°52'	83°14'	139°51'	124°58'	356°51'	48°08'	128°46'
01.08.2035	128°37'	90°40'	98°08'	141°43'	126°12'	357°03'	48°15'	128°54'
02.08.2035	129°35'	105°37'	113°06'	143°33'	127°26'	357°14'	48°22'	129°02'
03.08.2035	130°32'	120°34'	128°01'	145°21'	128°40'	357°24'	48°29'	129°09'
04.08.2035	131°29'	135°24'	142°43'	147°08'	129°54'	357°34'	48°36'	129°17'
05.08.2035	132°27'	149°58'	157°07'	148°53'	131°08'	357°42'	48°42'	129°25'
06.08.2035	133°24'	164°10'	171°07'	150°37'	132°22'	357°50'	48°49'	129°33'
07.08.2035	134°22'	177°57'	184°41'	152°18'	133°36'	357°57'	48°55'	129°40'
08.08.2035	135°19'	191°19'	197°51'	153°59'	134°50'	358°04'	49°01'	129°48'
09.08.2035	136°17'	204°16'	210°37'	155°37'	136°04'	358°09'	49°07'	129°56'
10.08.2035	137°14'	216°53'	223°04'	157°14'	137°18'	358°14'	49°13'	130°03'
11.08.2035	138°12'	229°12'	235°16'	158°50'	138°32'	358°18'	49°18'	130°11'
12.08.2035	139°09'	241°17'	247°17'	160°24'	139°46'	358°21'	49°24'	130°19'
13.08.2035	140°07'	253°14'	259°11'	161°56'	141°00'	358°24'	49°29'	130°26'
14.08.2035	141°05'	265°07'	271°03'	163°27'	142°15'	358°25'	49°34'	130°34'
15.08.2035	142°02'	276°59'	282°56'	164°56'	143°29'	358°26'	49°39'	130°42'
16.08.2035	143°00'	288°54'	294°54'	166°24'	144°43'	358°26'	49°44'	130°49'
17.08.2035	143°58'	300°55'	306°59'	167°49'	145°57'	358°25'	49°49'	130°57'
18.08.2035	144°55'	313°05'	319°13'	169°14'	147°11'	358°23'	49°53'	131°05'
19.08.2035	145°53'	325°24'	331°38'	170°36'	148°26'	358°21'	49°57'	131°12'
20.08.2035	146°51'	337°55'	344°14'	171°57'	149°40'	358°18'	50°01'	131°20'
21.08.2035	147°48'	350°38'	357°04'	173°16'	150°54'	358°13'	50°05'	131°27'
22.08.2035	148°46'	3°34'	10°07'	174°33'	152°08'	358°08'	50°09'	131°35'
23.08.2035	149°44'	16°44'	23°24'	175°49'	153°22'	358°03'	50°12'	131°42'
24.08.2035	150°42'	30°08'	36°55'	177°03'	154°37'	357°56'	50°16'	131°50'
25.08.2035	151°39'	43°46'	50°41'	178°14'	155°51'	357°49'	50°19'	131°57'
26.08.2035	152°37'	57°39'	64°40'	179°24'	157°05'	357°41'	50°22'	132°05'
27.08.2035	153°35'	71°45'	78°53'	180°31'	158°20'	357°32'	50°25'	132°12'
28.08.2035	154°33'	86°03'	93°16'	181°36'	159°34'	357°22'	50°27'	132°19'
29.08.2035	155°31'	100°30'	107°46'	182°39'	160°48'	357°12'	50°30'	132°27'
30.08.2035	156°29'	115°02'	122°19'	183°39'	162°03'	357°01'	50°32'	132°34'
31.08.2035	157°27'	129°34'	136°49'	184°37'	163°17'	356°50'	50°34'	132°41'
01.09.2035	158°25'	144°01'	151°11'	185°32'	164°31'	356°37'	50°36'	132°49'
02.09.2035	159°23'	158°17'	165°20'	186°24'	165°46'	356°24'	50°37'	132°56'
03.09.2035	160°21'	172°18'	179°11'	187°13'	167°00'	356°11'	50°39'	133°03'
04.09.2035	161°19'	185°59'	192°41'	187°59'	168°15'	355°57'	50°40'	133°10'
05.09.2035	162°17'	199°19'	205°50'	188°41'	169°29'	355°43'	50°41'	133°17'
06.09.2035	163°16'	212°17'	218°38'	189°19'	170°43'	355°28'	50°42'	133°24'
07.09.2035	164°14'	224°55'	231°08'	189°53'	171°58'	355°13'	50°42'	133°31'
08.09.2035	165°12'	237°16'	243°21'	190°23'	173°12'	354°57'	50°43'	133°38'
09.09.2035	166°10'	249°23'	255°23'	190°48'	174°27'	354°41'	50°43'	133°45'
10.09.2035	167°09'	261°21'	267°17'	191°09'	175°41'	354°25'	50°43'	133°52'
11.09.2035	168°07'	273°13'	279°09'	191°24'	176°56'	354°09'	50°43'	133°59'
12.09.2035	169°05'	285°06'	291°04'	191°34'	178°10'	353°52'	50°42'	134°06'
13.09.2035	170°03'	297°03'	303°04'	191°37'	179°25'	353°35'	50°42'	134°13'

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14.09.2035	171°02'	309°08'	315°15'	191°35'	180°39'	353°19'	50°41'	134°20'
15.09.2035	172°00'	321°25'	327°39'	191°26'	181°54'	353°02'	50°40'	134°26'
16.09.2035	172°59'	333°56'	340°18'	191°10'	183°08'	352°45'	50°39'	134°33'
17.09.2035	173°57'	346°44'	353°14'	190°48'	184°22'	352°29'	50°38'	134°40'
18.09.2035	174°56'	359°48'	6°26'	190°18'	185°37'	352°12'	50°36'	134°46'
19.09.2035	175°54'	13°08'	19°54'	189°42'	186°51'	351°56'	50°34'	134°53'
20.09.2035	176°53'	26°44'	33°36'	188°59'	188°06'	351°40'	50°32'	134°59'
21.09.2035	177°51'	40°31'	47°29'	188°10'	189°20'	351°24'	50°30'	135°05'
22.09.2035	178°50'	54°29'	61°31'	187°16'	190°35'	351°08'	50°28'	135°12'
23.09.2035	179°49'	68°34'	75°38'	186°16'	191°49'	350°53'	50°25'	135°18'
24.09.2035	180°47'	82°43'	89°49'	185°14'	193°04'	350°38'	50°22'	135°24'
25.09.2035	181°46'	96°55'	104°00'	184°08'	194°18'	350°23'	50°19'	135°30'
26.09.2035	182°45'	111°06'	118°11'	183°02'	195°33'	350°09'	50°16'	135°36'
27.09.2035	183°44'	125°16'	132°19'	181°57'	196°47'	349°55'	50°13'	135°43'
28.09.2035	184°43'	139°21'	146°22'	180°55'	198°02'	349°42'	50°09'	135°49'
29.09.2035	185°41'	153°21'	160°17'	179°56'	199°16'	349°30'	50°06'	135°54'
30.09.2035	186°40'	167°11'	174°02'	179°03'	200°31'	349°18'	50°02'	136°00'
01.10.2035	187°39'	180°50'	187°34'	178°18'	201°46'	349°07'	49°58'	136°06'
02.10.2035	188°38'	194°15'	200°51'	177°41'	203°00'	348°56'	49°53'	136°12'
03.10.2035	189°37'	207°24'	213°52'	177°13'	204°15'	348°46'	49°49'	136°17'
04.10.2035	190°36'	220°15'	226°35'	176°55'	205°29'	348°37'	49°44'	136°23'
05.10.2035	191°35'	232°51'	239°02'	176°47'	206°44'	348°28'	49°39'	136°29'
06.10.2035	192°35'	245°10'	251°15'	176°51'	207°58'	348°20'	49°34'	136°34'
07.10.2035	193°34'	257°17'	263°16'	177°04'	209°13'	348°13'	49°29'	136°39'
08.10.2035	194°33'	269°14'	275°10'	177°28'	210°27'	348°07'	49°24'	136°45'
09.10.2035	195°32'	281°05'	287°01'	178°01'	211°42'	348°02'	49°18'	136°50'
10.10.2035	196°31'	292°57'	298°54'	178°44'	212°56'	347°57'	49°13'	136°55'
11.10.2035	197°31'	304°53'	310°54'	179°35'	214°11'	347°53'	49°07'	137°00'
12.10.2035	198°30'	316°59'	323°07'	180°33'	215°25'	347°50'	49°01'	137°05'
13.10.2035	199°29'	329°19'	335°36'	181°38'	216°40'	347°48'	48°55'	137°10'
14.10.2035	200°29'	341°58'	348°25'	182°50'	217°54'	347°46'	48°49'	137°15'
15.10.2035	201°28'	354°57'	1°36'	184°07'	219°09'	347°46'	48°42'	137°20'
16.10.2035	202°28'	8°19'	15°09'	185°28'	220°23'	347°46'	48°36'	137°24'
17.10.2035	203°27'	22°03'	29°02'	186°54'	221°38'	347°47'	48°29'	137°29'
18.10.2035	204°26'	36°06'	43°13'	188°22'	222°52'	347°48'	48°22'	137°33'
19.10.2035	205°26'	50°22'	57°34'	189°54'	224°07'	347°51'	48°16'	137°38'
20.10.2035	206°26'	64°47'	72°01'	191°28'	225°21'	347°54'	48°09'	137°42'
21.10.2035	207°25'	79°15'	86°27'	193°04'	226°36'	347°58'	48°01'	137°46'
22.10.2035	208°25'	93°39'	100°49'	194°41'	227°50'	348°03'	47°54'	137°51'
23.10.2035	209°24'	107°56'	115°01'	196°19'	229°05'	348°08'	47°47'	137°55'
24.10.2035	210°24'	122°04'	129°04'	197°58'	230°19'	348°15'	47°39'	137°59'
25.10.2035	211°24'	136°01'	142°55'	199°38'	231°34'	348°22'	47°32'	138°03'
26.10.2035	212°24'	149°47'	156°36'	201°19'	232°48'	348°29'	47°24'	138°06'
27.10.2035	213°24'	163°22'	170°06'	202°59'	234°03'	348°38'	47°17'	138°10'
28.10.2035	214°23'	176°47'	183°25'	204°40'	235°17'	348°47'	47°09'	138°14'
29.10.2035	215°23'	190°01'	196°34'	206°21'	236°32'	348°57'	47°01'	138°17'
30.10.2035	216°23'	203°04'	209°32'	208°02'	237°46'	349°07'	46°53'	138°21'
31.10.2035	217°23'	215°56'	222°17'	209°42'	239°01'	349°19'	46°45'	138°24'
01.11.2035	218°23'	228°35'	234°49'	211°22'	240°15'	349°30'	46°37'	138°27'
02.11.2035	219°23'	241°01'	247°09'	213°02'	241°30'	349°43'	46°29'	138°30'
03.11.2035	220°23'	253°14'	259°17'	214°42'	242°44'	349°56'	46°21'	138°33'
04.11.2035	221°23'	265°17'	271°16'	216°21'	243°59'	350°10'	46°13'	138°36'
05.11.2035	222°24'	277°12'	283°07'	218°00'	245°13'	350°25'	46°05'	138°39'
06.11.2035	223°24'	289°02'	294°56'	219°39'	246°28'	350°40'	45°57'	138°42'
07.11.2035	224°24'	300°51'	306°46'	221°17'	247°42'	350°55'	45°49'	138°44'

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08.11.2035	225°24'	312°44'	318°44'	222°55'	248°56'	351°12'	45°40'	138°47'
09.11.2035	226°24'	324°47'	330°53'	224°32'	250°11'	351°29'	45°32'	138°49'
10.11.2035	227°25'	337°05'	343°21'	226°09'	251°25'	351°46'	45°24'	138°52'
11.11.2035	228°25'	349°43'	356°11'	227°46'	252°40'	352°04'	45°16'	138°54'
12.11.2035	229°25'	2°46'	9°27'	229°22'	253°54'	352°22'	45°08'	138°56'
13.11.2035	230°25'	16°16'	23°11'	230°58'	255°08'	352°41'	45°00'	138°58'
14.11.2035	231°26'	30°13'	37°21'	232°34'	256°23'	353°01'	44°52'	139°00'
15.11.2035	232°26'	44°35'	51°54'	234°09'	257°37'	353°21'	44°44'	139°02'
16.11.2035	233°27'	59°17'	66°42'	235°44'	258°52'	353°41'	44°36'	139°03'
17.11.2035	234°27'	74°09'	81°37'	237°19'	260°06'	354°02'	44°28'	139°05'
18.11.2035	235°27'	89°04'	96°29'	238°54'	261°20'	354°24'	44°20'	139°06'
19.11.2035	236°28'	103°51'	111°11'	240°28'	262°35'	354°46'	44°12'	139°08'
20.11.2035	237°28'	118°26'	125°37'	242°02'	263°49'	355°08'	44°04'	139°09'
21.11.2035	238°29'	132°43'	139°45'	243°36'	265°03'	355°30'	43°57'	139°10'
22.11.2035	239°30'	146°41'	153°33'	245°09'	266°18'	355°53'	43°49'	139°11'
23.11.2035	240°30'	160°21'	167°04'	246°43'	267°32'	356°17'	43°41'	139°12'
24.11.2035	241°31'	173°43'	180°18'	248°16'	268°46'	356°41'	43°34'	139°13'
25.11.2035	242°31'	186°50'	193°19'	249°49'	270°00'	357°05'	43°27'	139°13'
26.11.2035	243°32'	199°45'	206°08'	251°22'	271°15'	357°30'	43°19'	139°14'
27.11.2035	244°33'	212°28'	218°45'	252°55'	272°29'	357°55'	43°12'	139°14'
28.11.2035	245°34'	225°00'	231°13'	254°28'	273°43'	358°20'	43°05'	139°15'
29.11.2035	246°34'	237°23'	243°31'	256°00'	274°58'	358°46'	42°58'	139°15'
30.11.2035	247°35'	249°37'	255°41'	257°33'	276°12'	359°12'	42°52'	139°15'
01.12.2035	248°36'	261°42'	267°42'	259°05'	277°26'	359°38'	42°45'	139°15'
02.12.2035	249°37'	273°40'	279°36'	260°37'	278°40'	0°05'	42°39'	139°15'
03.12.2035	250°38'	285°31'	291°25'	262°09'	279°54'	0°32'	42°32'	139°15'
04.12.2035	251°38'	297°19'	303°12'	263°41'	281°09'	0°59'	42°26'	139°14'
05.12.2035	252°39'	309°06'	315°01'	265°13'	282°23'	1°27'	42°20'	139°14'
06.12.2035	253°40'	320°57'	326°56'	266°45'	283°37'	1°55'	42°14'	139°13'
07.12.2035	254°41'	332°57'	339°02'	268°16'	284°51'	2°23'	42°08'	139°13'
08.12.2035	255°42'	345°11'	351°25'	269°47'	286°05'	2°52'	42°03'	139°12'
09.12.2035	256°43'	357°44'	4°10'	271°18'	287°19'	3°20'	41°57'	139°11'
10.12.2035	257°44'	10°42'	17°21'	272°48'	288°33'	3°49'	41°52'	139°10'
11.12.2035	258°45'	24°08'	31°03'	274°18'	289°47'	4°19'	41°47'	139°09'
12.12.2035	259°46'	38°05'	45°14'	275°47'	291°01'	4°48'	41°42'	139°08'
13.12.2035	260°47'	52°31'	59°53'	277°16'	292°15'	5°18'	41°37'	139°06'
14.12.2035	261°48'	67°21'	74°54'	278°44'	293°29'	5°48'	41°33'	139°05'
15.12.2035	262°49'	82°29'	90°06'	280°11'	294°43'	6°18'	41°29'	139°03'
16.12.2035	263°50'	97°43'	105°20'	281°37'	295°57'	6°49'	41°24'	139°02'
17.12.2035	264°51'	112°54'	120°24'	283°02'	297°11'	7°19'	41°20'	139°00'
18.12.2035	265°52'	127°50'	135°11'	284°25'	298°25'	7°50'	41°17'	138°58'
19.12.2035	266°53'	142°25'	149°34'	285°46'	299°38'	8°21'	41°13'	138°56'
20.12.2035	267°54'	156°37'	163°33'	287°05'	300°52'	8°52'	41°10'	138°54'
21.12.2035	268°55'	170°23'	177°08'	288°22'	302°06'	9°24'	41°06'	138°52'
22.12.2035	269°56'	183°46'	190°20'	289°36'	303°20'	9°55'	41°03'	138°49'
23.12.2035	270°57'	196°48'	203°13'	290°47'	304°33'	10°27'	41°00'	138°47'
24.12.2035	271°58'	209°33'	215°50'	291°53'	305°47'	10°59'	40°58'	138°45'
25.12.2035	272°59'	222°03'	228°14'	292°55'	307°01'	11°31'	40°55'	138°42'
26.12.2035	274°01'	234°22'	240°28'	293°52'	308°14'	12°04'	40°53'	138°39'
27.12.2035	275°02'	246°31'	252°33'	294°43'	309°28'	12°36'	40°51'	138°36'
28.12.2035	276°03'	258°34'	264°32'	295°27'	310°41'	13°09'	40°49'	138°34'
29.12.2035	277°04'	270°30'	276°26'	296°03'	311°55'	13°42'	40°48'	138°31'
30.12.2035	278°05'	282°22'	288°17'	296°30'	313°08'	14°15'	40°46'	138°28'
31.12.2035	279°06'	294°11'	300°05'	296°48'	314°22'	14°48'	40°45'	138°24'
01.01.2036	280°08'	305°59'	311°54'	296°56'	315°35'	15°21'	40°44'	138°21'

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02.01.2036	281°09'	317°49'	323°45'	296°52'	316°48'	15°54'	40°43'	138°18'
03.01.2036	282°10'	329°42'	335°42'	296°37'	318°02'	16°28'	40°43'	138°14'
04.01.2036	283°11'	341°44'	347°49'	296°10'	319°15'	17°02'	40°42'	138°11'
05.01.2036	284°12'	353°58'	0°11'	295°31'	320°28'	17°35'	40°42'	138°07'
06.01.2036	285°13'	6°28'	12°51'	294°41'	321°41'	18°09'	40°42'	138°04'
07.01.2036	286°15'	19°20'	25°56'	293°41'	322°54'	18°43'	40°43'	138°00'
08.01.2036	287°16'	32°38'	39°27'	292°32'	324°07'	19°18'	40°43'	137°56'
09.01.2036	288°17'	46°24'	53°27'	291°17'	325°20'	19°52'	40°44'	137°52'
10.01.2036	289°18'	60°38'	67°56'	289°58'	326°33'	20°26'	40°45'	137°48'
11.01.2036	290°19'	75°20'	82°49'	288°38'	327°46'	21°01'	40°46'	137°44'
12.01.2036	291°20'	90°23'	98°00'	287°19'	328°58'	21°35'	40°47'	137°40'
13.01.2036	292°21'	105°39'	113°18'	286°03'	330°11'	22°10'	40°49'	137°36'
14.01.2036	293°22'	120°56'	128°33'	284°53'	331°23'	22°45'	40°50'	137°32'
15.01.2036	294°24'	136°06'	143°34'	283°50'	332°36'	23°20'	40°52'	137°28'
16.01.2036	295°25'	150°57'	158°15'	282°56'	333°48'	23°55'	40°55'	137°23'
17.01.2036	296°26'	165°25'	172°29'	282°11'	335°01'	24°30'	40°57'	137°19'
18.01.2036	297°27'	179°26'	186°16'	281°35'	336°13'	25°05'	40°59'	137°15'
19.01.2036	298°28'	193°00'	199°37'	281°09'	337°25'	25°40'	41°02'	137°10'
20.01.2036	299°29'	206°08'	212°33'	280°53'	338°37'	26°16'	41°05'	137°06'
21.01.2036	300°30'	218°54'	225°09'	280°45'	339°49'	26°51'	41°08'	137°01'
22.01.2036	301°31'	231°21'	237°29'	280°46'	341°01'	27°26'	41°11'	136°56'
23.01.2036	302°32'	243°34'	249°36'	280°54'	342°13'	28°02'	41°15'	136°52'
24.01.2036	303°33'	255°36'	261°34'	281°10'	343°25'	28°38'	41°19'	136°47'
25.01.2036	304°34'	267°30'	273°26'	281°33'	344°37'	29°13'	41°23'	136°42'
26.01.2036	305°35'	279°21'	285°15'	282°02'	345°48'	29°49'	41°27'	136°38'
27.01.2036	306°36'	291°10'	297°04'	282°36'	347°00'	30°25'	41°31'	136°33'
28.01.2036	307°37'	302°59'	308°54'	283°15'	348°11'	31°01'	41°35'	136°28'
29.01.2036	308°38'	314°50'	320°48'	283°59'	349°22'	31°37'	41°40'	136°23'
30.01.2036	309°39'	326°46'	332°47'	284°47'	350°33'	32°13'	41°45'	136°18'
31.01.2036	310°40'	338°49'	344°53'	285°39'	351°45'	32°49'	41°50'	136°14'
01.02.2036	311°41'	351°00'	357°10'	286°34'	352°56'	33°25'	41°55'	136°09'
02.02.2036	312°42'	3°22'	9°39'	287°33'	354°06'	34°02'	42°00'	136°04'
03.02.2036	313°43'	15°59'	22°23'	288°34'	355°17'	34°38'	42°06'	135°59'
04.02.2036	314°44'	28°52'	35°27'	289°38'	356°28'	35°14'	42°12'	135°54'
05.02.2036	315°45'	42°06'	48°52'	290°44'	357°38'	35°51'	42°18'	135°49'
06.02.2036	316°46'	55°43'	62°40'	291°52'	358°49'	36°27'	42°24'	135°44'
07.02.2036	317°46'	69°42'	76°51'	293°03'	359°59'	37°04'	42°30'	135°39'
08.02.2036	318°47'	84°05'	91°25'	294°15'	1°09'	37°40'	42°36'	135°34'
09.02.2036	319°48'	98°49'	106°16'	295°29'	2°19'	38°17'	42°43'	135°29'
10.02.2036	320°49'	113°46'	121°19'	296°44'	3°28'	38°53'	42°49'	135°25'
11.02.2036	321°49'	128°51'	136°24'	298°02'	4°38'	39°30'	42°56'	135°20'
12.02.2036	322°50'	143°55'	151°23'	299°20'	5°48'	40°07'	43°03'	135°15'
13.02.2036	323°51'	158°48'	166°08'	300°40'	6°57'	40°43'	43°11'	135°10'
14.02.2036	324°51'	173°22'	180°31'	302°01'	8°06'	41°20'	43°18'	135°05'
15.02.2036	325°52'	187°34'	194°29'	303°23'	9°15'	41°57'	43°25'	135°01'
16.02.2036	326°53'	201°18'	208°00'	304°47'	10°24'	42°34'	43°33'	134°56'
17.02.2036	327°53'	214°36'	221°06'	306°12'	11°32'	43°11'	43°41'	134°51'
18.02.2036	328°54'	227°29'	233°47'	307°38'	12°41'	43°48'	43°49'	134°46'
19.02.2036	329°54'	240°00'	246°09'	309°05'	13°49'	44°25'	43°57'	134°42'
20.02.2036	330°55'	252°14'	258°16'	310°33'	14°57'	45°01'	44°05'	134°37'
21.02.2036	331°55'	264°15'	270°12'	312°02'	16°05'	45°38'	44°14'	134°33'
22.02.2036	332°56'	276°07'	282°02'	313°32'	17°13'	46°16'	44°22'	134°28'
23.02.2036	333°56'	287°56'	293°49'	315°03'	18°20'	46°53'	44°31'	134°23'
24.02.2036	334°57'	299°44'	305°39'	316°35'	19°28'	47°30'	44°39'	134°19'
25.02.2036	335°57'	311°35'	317°33'	318°08'	20°35'	48°07'	44°48'	134°15'

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26.02.2036	336°58'	323°33'	329°34'	319°42'	21°42'	48°44'	44°57'	134°10'
27.02.2036	337°58'	335°38'	341°45'	321°17'	22°48'	49°21'	45°07'	134°06'
28.02.2036	338°58'	347°54'	354°06'	322°53'	23°55'	49°58'	45°16'	134°02'
29.02.2036	339°58'	0°21'	6°40'	324°30'	25°01'	50°36'	45°25'	133°58'
01.03.2036	340°59'	13°01'	19°26'	326°08'	26°07'	51°13'	45°35'	133°54'
02.03.2036	341°59'	25°54'	32°26'	327°47'	27°13'	51°50'	45°45'	133°50'
03.03.2036	342°59'	39°01'	45°40'	329°27'	28°18'	52°27'	45°54'	133°46'
04.03.2036	343°59'	52°23'	59°09'	331°08'	29°23'	53°05'	46°04'	133°42'
05.03.2036	344°59'	66°00'	72°54'	332°51'	30°28'	53°42'	46°14'	133°38'
06.03.2036	346°00'	79°52'	86°54'	334°34'	31°33'	54°19'	46°24'	133°34'
07.03.2036	347°00'	94°00'	101°09'	336°18'	32°37'	54°57'	46°35'	133°30'
08.03.2036	348°00'	108°21'	115°37'	338°04'	33°41'	55°34'	46°45'	133°27'
09.03.2036	349°00'	122°54'	130°13'	339°50'	34°45'	56°11'	46°56'	133°23'
10.03.2036	350°00'	137°34'	144°54'	341°38'	35°48'	56°49'	47°06'	133°20'
11.03.2036	351°00'	152°14'	159°34'	343°27'	36°51'	57°26'	47°17'	133°16'
12.03.2036	351°59'	166°51'	174°05'	345°17'	37°54'	58°04'	47°28'	133°13'
13.03.2036	352°59'	181°15'	188°21'	347°08'	38°57'	58°41'	47°38'	133°10'
14.03.2036	353°59'	195°22'	202°18'	349°00'	39°59'	59°18'	47°49'	133°07'
15.03.2036	354°59'	209°08'	215°52'	350°54'	41°00'	59°56'	48°00'	133°04'
16.03.2036	355°59'	222°30'	229°02'	352°48'	42°01'	60°33'	48°12'	133°01'
17.03.2036	356°58'	235°28'	241°49'	354°44'	43°02'	61°11'	48°23'	132°58'
18.03.2036	357°58'	248°04'	254°15'	356°41'	44°03'	61°48'	48°34'	132°55'
19.03.2036	358°58'	260°22'	266°24'	358°38'	45°03'	62°26'	48°46'	132°53'
20.03.2036	359°57'	272°24'	278°22'	0°37'	46°03'	63°03'	48°57'	132°50'
21.03.2036	0°57'	284°17'	290°12'	2°36'	47°02'	63°41'	49°09'	132°48'
22.03.2036	1°57'	296°06'	302°00'	4°37'	48°01'	64°18'	49°20'	132°45'
23.03.2036	2°56'	307°55'	313°51'	6°38'	48°59'	64°56'	49°32'	132°43'
24.03.2036	3°56'	319°49'	325°49'	8°39'	49°57'	65°33'	49°44'	132°41'
25.03.2036	4°55'	331°52'	337°58'	10°40'	50°54'	66°11'	49°56'	132°39'
26.03.2036	5°55'	344°08'	350°21'	12°42'	51°51'	66°48'	50°08'	132°37'
27.03.2036	6°54'	356°38'	2°59'	14°43'	52°47'	67°26'	50°20'	132°35'
28.03.2036	7°53'	9°24'	15°53'	16°44'	53°43'	68°03'	50°32'	132°33'
29.03.2036	8°53'	22°26'	29°02'	18°44'	54°38'	68°41'	50°45'	132°32'
30.03.2036	9°52'	35°43'	42°26'	20°43'	55°33'	69°19'	50°57'	132°30'
31.03.2036	10°51'	49°13'	56°02'	22°41'	56°27'	69°56'	51°09'	132°29'
01.04.2036	11°51'	62°54'	69°48'	24°37'	57°20'	70°34'	51°22'	132°27'
02.04.2036	12°50'	76°44'	83°42'	26°30'	58°13'	71°11'	51°34'	132°26'
03.04.2036	13°49'	90°42'	97°44'	28°21'	59°05'	71°49'	51°47'	132°25'
04.04.2036	14°48'	104°46'	111°50'	30°08'	59°56'	72°26'	52°00'	132°24'
05.04.2036	15°47'	118°55'	126°01'	31°52'	60°46'	73°04'	52°12'	132°23'
06.04.2036	16°46'	133°08'	140°15'	33°33'	61°36'	73°42'	52°25'	132°22'
07.04.2036	17°45'	147°22'	154°29'	35°09'	62°25'	74°19'	52°38'	132°21'
08.04.2036	18°44'	161°36'	168°41'	36°41'	63°13'	74°57'	52°51'	132°21'
09.04.2036	19°43'	175°45'	182°47'	38°08'	64°01'	75°34'	53°04'	132°20'
10.04.2036	20°42'	189°47'	196°43'	39°30'	64°47'	76°12'	53°17'	132°20'
11.04.2036	21°41'	203°36'	210°25'	40°47'	65°33'	76°50'	53°30'	132°20'
12.04.2036	22°40'	217°10'	223°50'	41°58'	66°17'	77°27'	53°43'	132°20'
13.04.2036	23°39'	230°25'	236°55'	43°04'	67°01'	78°05'	53°56'	132°20'
14.04.2036	24°38'	243°20'	249°40'	44°04'	67°43'	78°42'	54°09'	132°20'
15.04.2036	25°36'	255°55'	262°06'	44°59'	68°25'	79°20'	54°22'	132°20'
16.04.2036	26°35'	268°13'	274°16'	45°47'	69°05'	79°57'	54°36'	132°20'
17.04.2036	27°34'	280°16'	286°14'	46°30'	69°44'	80°35'	54°49'	132°20'
18.04.2036	28°32'	292°10'	298°05'	47°06'	70°22'	81°13'	55°03'	132°21'
19.04.2036	29°31'	303°59'	309°54'	47°37'	70°59'	81°50'	55°16'	132°21'
20.04.2036	30°30'	315°49'	321°46'	48°01'	71°34'	82°28'	55°29'	132°22'

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21.04.2036	31°28'	327°45'	333°47'	48°19'	72°08'	83°05'	55°43'	132°23'
22.04.2036	32°27'	339°52'	346°01'	48°31'	72°41'	83°43'	55°56'	132°24'
23.04.2036	33°25'	352°14'	358°32'	48°37'	73°13'	84°20'	56°10'	132°25'
24.04.2036	34°24'	4°55'	11°23'	48°37'	73°42'	84°58'	56°24'	132°26'
25.04.2036	35°22'	17°57'	24°36'	48°32'	74°11'	85°36'	56°37'	132°27'
26.04.2036	36°21'	31°19'	38°07'	48°21'	74°38'	86°13'	56°51'	132°29'
27.04.2036	37°19'	45°00'	51°57'	48°06'	75°03'	86°51'	57°05'	132°30'
28.04.2036	38°18'	58°57'	65°59'	47°45'	75°26'	87°28'	57°18'	132°32'
29.04.2036	39°16'	73°04'	80°10'	47°21'	75°48'	88°06'	57°32'	132°33'
30.04.2036	40°14'	87°17'	94°25'	46°52'	76°07'	88°44'	57°46'	132°35'
01.05.2036	41°12'	101°32'	108°39'	46°21'	76°25'	89°21'	58°00'	132°37'
02.05.2036	42°11'	115°46'	122°51'	45°47'	76°41'	89°59'	58°14'	132°39'
03.05.2036	43°09'	129°55'	136°58'	45°11'	76°55'	90°36'	58°28'	132°41'
04.05.2036	44°07'	143°59'	150°59'	44°33'	77°06'	91°14'	58°42'	132°43'
05.05.2036	45°05'	157°58'	164°54'	43°55'	77°16'	91°51'	58°55'	132°46'
06.05.2036	46°03'	171°50'	178°43'	43°17'	77°23'	92°29'	59°09'	132°48'
07.05.2036	47°01'	185°34'	192°24'	42°40'	77°28'	93°06'	59°23'	132°50'
08.05.2036	47°59'	199°10'	205°55'	42°05'	77°31'	93°44'	59°37'	132°53'
09.05.2036	48°57'	212°36'	219°14'	41°31'	77°32'	94°22'	59°51'	132°56'
10.05.2036	49°55'	225°49'	232°20'	41°00'	77°30'	94°59'	60°05'	132°59'
11.05.2036	50°53'	238°47'	245°11'	40°31'	77°25'	95°37'	60°19'	133°01'
12.05.2036	51°51'	251°30'	257°46'	40°06'	77°18'	96°14'	60°33'	133°04'
13.05.2036	52°49'	263°58'	270°06'	39°45'	77°09'	96°52'	60°47'	133°07'
14.05.2036	53°47'	276°11'	282°12'	39°28'	76°57'	97°29'	61°01'	133°11'
15.05.2036	54°45'	288°12'	294°09'	39°15'	76°43'	98°07'	61°16'	133°14'
16.05.2036	55°43'	300°04'	305°59'	39°07'	76°27'	98°44'	61°30'	133°17'
17.05.2036	56°41'	311°53'	317°47'	39°03'	76°08'	99°22'	61°44'	133°21'
18.05.2036	57°39'	323°42'	329°39'	39°04'	75°46'	99°59'	61°58'	133°24'
19.05.2036	58°36'	335°38'	341°40'	39°09'	75°23'	100°37'	62°12'	133°28'
20.05.2036	59°34'	347°46'	353°56'	39°19'	74°58'	101°14'	62°26'	133°32'
21.05.2036	60°32'	0°10'	6°31'	39°33'	74°30'	101°52'	62°40'	133°35'
22.05.2036	61°30'	12°56'	19°28'	39°52'	74°01'	102°29'	62°54'	133°39'
23.05.2036	62°27'	26°07'	32°51'	40°15'	73°30'	103°07'	63°08'	133°43'
24.05.2036	63°25'	39°42'	46°38'	40°43'	72°57'	103°45'	63°22'	133°47'
25.05.2036	64°23'	53°40'	60°48'	41°14'	72°23'	104°22'	63°36'	133°51'
26.05.2036	65°20'	67°59'	75°14'	41°50'	71°48'	105°00'	63°51'	133°56'
27.05.2036	66°18'	82°31'	89°50'	42°29'	71°12'	105°37'	64°05'	134°00'
28.05.2036	67°16'	97°10'	104°29'	43°13'	70°35'	106°15'	64°19'	134°04'
29.05.2036	68°13'	111°48'	119°05'	44°00'	69°58'	106°52'	64°33'	134°09'
30.05.2036	69°11'	126°20'	133°32'	44°50'	69°20'	107°30'	64°47'	134°13'
31.05.2036	70°08'	140°41'	147°47'	45°44'	68°43'	108°07'	65°01'	134°18'
01.06.2036	71°06'	154°49'	161°48'	46°42'	68°05'	108°45'	65°15'	134°23'
02.06.2036	72°03'	168°44'	175°36'	47°43'	67°28'	109°22'	65°29'	134°28'
03.06.2036	73°01'	182°25'	189°11'	48°47'	66°52'	110°00'	65°43'	134°33'
04.06.2036	73°58'	195°53'	202°33'	49°54'	66°17'	110°37'	65°57'	134°37'
05.06.2036	74°56'	209°09'	215°42'	51°05'	65°42'	111°15'	66°11'	134°42'
06.06.2036	75°53'	222°12'	228°40'	52°18'	65°09'	111°52'	66°25'	134°48'
07.06.2036	76°51'	235°04'	241°25'	53°35'	64°38'	112°30'	66°39'	134°53'
08.06.2036	77°48'	247°43'	253°58'	54°55'	64°08'	113°07'	66°53'	134°58'
09.06.2036	78°45'	260°10'	266°19'	56°17'	63°40'	113°45'	67°07'	135°03'
10.06.2036	79°43'	272°25'	278°29'	57°42'	63°14'	114°22'	67°21'	135°09'
11.06.2036	80°40'	284°30'	290°29'	59°11'	62°51'	115°00'	67°35'	135°14'
12.06.2036	81°37'	296°26'	302°21'	60°42'	62°29'	115°37'	67°49'	135°20'
13.06.2036	82°35'	308°15'	314°09'	62°16'	62°10'	116°15'	68°02'	135°25'
14.06.2036	83°32'	320°03'	325°57'	63°52'	61°53'	116°52'	68°16'	135°31'

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15.06.2036	84°29'	331°52'	337°48'	65°32'	61°38'	117°30'	68°30'	135°37'
16.06.2036	85°27'	343°47'	349°49'	67°14'	61°26'	118°07'	68°44'	135°42'
17.06.2036	86°24'	355°54'	2°04'	69°00'	61°16'	118°45'	68°58'	135°48'
18.06.2036	87°21'	8°18'	14°38'	70°47'	61°09'	119°23'	69°11'	135°54'
19.06.2036	88°18'	21°03'	27°35'	72°38'	61°04'	120°00'	69°25'	136°00'
20.06.2036	89°16'	34°14'	41°00'	74°31'	61°01'	120°38'	69°39'	136°06'
21.06.2036	90°13'	47°52'	54°52'	76°26'	61°01'	121°15'	69°52'	136°12'
22.06.2036	91°10'	61°58'	69°09'	78°24'	61°03'	121°53'	70°06'	136°18'
23.06.2036	92°08'	76°27'	83°49'	80°25'	61°08'	122°30'	70°19'	136°24'
24.06.2036	93°05'	91°14'	98°43'	82°27'	61°14'	123°08'	70°33'	136°31'
25.06.2036	94°02'	106°12'	113°42'	84°31'	61°23'	123°45'	70°46'	136°37'
26.06.2036	94°59'	121°12'	128°39'	86°37'	61°34'	124°23'	71°00'	136°43'
27.06.2036	95°57'	136°04'	143°26'	88°45'	61°47'	125°00'	71°13'	136°50'
28.06.2036	96°54'	150°44'	157°57'	90°54'	62°02'	125°38'	71°26'	136°56'
29.06.2036	97°51'	165°05'	172°08'	93°03'	62°18'	126°16'	71°40'	137°03'
30.06.2036	98°48'	179°06'	186°00'	95°14'	62°37'	126°53'	71°53'	137°09'
01.07.2036	99°45'	192°48'	199°31'	97°24'	62°57'	127°31'	72°06'	137°16'
02.07.2036	100°43'	206°09'	212°44'	99°35'	63°20'	128°08'	72°19'	137°23'
03.07.2036	101°40'	219°14'	225°40'	101°46'	63°43'	128°46'	72°33'	137°29'
04.07.2036	102°37'	232°02'	238°21'	103°56'	64°09'	129°24'	72°46'	137°36'
05.07.2036	103°34'	244°37'	250°49'	106°06'	64°36'	130°01'	72°59'	137°43'
06.07.2036	104°31'	256°59'	263°06'	108°14'	65°05'	130°39'	73°12'	137°50'
07.07.2036	105°29'	269°11'	275°14'	110°22'	65°35'	131°16'	73°25'	137°56'
08.07.2036	106°26'	281°14'	287°13'	112°28'	66°06'	131°54'	73°37'	138°03'
09.07.2036	107°23'	293°10'	299°06'	114°33'	66°39'	132°32'	73°50'	138°10'
10.07.2036	108°20'	305°01'	310°55'	116°37'	67°13'	133°09'	74°03'	138°17'
11.07.2036	109°17'	316°48'	322°42'	118°38'	67°49'	133°47'	74°16'	138°24'
12.07.2036	110°15'	328°36'	334°30'	120°38'	68°25'	134°24'	74°28'	138°31'
13.07.2036	111°12'	340°26'	346°24'	122°37'	69°03'	135°02'	74°41'	138°38'
14.07.2036	112°09'	352°23'	358°26'	124°33'	69°42'	135°40'	74°53'	138°46'
15.07.2036	113°06'	4°31'	10°41'	126°28'	70°22'	136°17'	75°06'	138°53'
16.07.2036	114°04'	16°55'	23°14'	128°21'	71°03'	136°55'	75°18'	139°00'
17.07.2036	115°01'	29°38'	36°08'	130°12'	71°45'	137°33'	75°31'	139°07'
18.07.2036	115°58'	42°45'	49°28'	132°02'	72°28'	138°10'	75°43'	139°14'
19.07.2036	116°55'	56°18'	63°15'	133°49'	73°12'	138°48'	75°55'	139°22'
20.07.2036	117°53'	70°19'	77°29'	135°35'	73°57'	139°26'	76°07'	139°29'
21.07.2036	118°50'	84°46'	92°08'	137°18'	74°43'	140°03'	76°19'	139°36'
22.07.2036	119°47'	99°35'	107°06'	139°00'	75°29'	140°41'	76°31'	139°44'
23.07.2036	120°44'	114°39'	122°14'	140°40'	76°17'	141°19'	76°43'	139°51'
24.07.2036	121°42'	129°50'	137°24'	142°19'	77°05'	141°57'	76°55'	139°58'
25.07.2036	122°39'	144°57'	152°27'	143°55'	77°54'	142°34'	77°07'	140°06'
26.07.2036	123°36'	159°52'	167°13'	145°30'	78°43'	143°12'	77°18'	140°13'
27.07.2036	124°34'	174°29'	181°39'	147°03'	79°34'	143°50'	77°30'	140°21'
28.07.2036	125°31'	188°43'	195°40'	148°34'	80°25'	144°28'	77°42'	140°28'
29.07.2036	126°29'	202°32'	209°17'	150°03'	81°16'	145°06'	77°53'	140°36'
30.07.2036	127°26'	215°56'	222°29'	151°30'	82°08'	145°43'	78°04'	140°43'
31.07.2036	128°23'	228°57'	235°20'	152°55'	83°01'	146°21'	78°16'	140°51'
01.08.2036	129°21'	241°39'	247°53'	154°19'	83°54'	146°59'	78°27'	140°59'
02.08.2036	130°18'	254°04'	260°11'	155°40'	84°48'	147°37'	78°38'	141°06'
03.08.2036	131°15'	266°15'	272°17'	157°00'	85°43'	148°15'	78°49'	141°14'
04.08.2036	132°13'	278°17'	284°15'	158°17'	86°38'	148°53'	79°00'	141°21'
05.08.2036	133°10'	290°11'	296°06'	159°32'	87°33'	149°30'	79°11'	141°29'
06.08.2036	134°08'	302°01'	307°55'	160°45'	88°29'	150°08'	79°21'	141°37'
07.08.2036	135°05'	313°49'	319°43'	161°56'	89°25'	150°46'	79°32'	141°44'
08.08.2036	136°03'	325°37'	331°32'	163°05'	90°22'	151°24'	79°42'	141°52'

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09.08.2036	137°00'	337°28'	343°25'	164°11'	91°20'	152°02'	79°53'	141°59'
10.08.2036	137°58'	349°24'	355°24'	165°15'	92°17'	152°40'	80°03'	142°07'
11.08.2036	138°55'	1°27'	7°32'	166°17'	93°16'	153°18'	80°13'	142°15'
12.08.2036	139°53'	13°41'	19°53'	167°15'	94°14'	153°56'	80°23'	142°22'
13.08.2036	140°50'	26°08'	32°28'	168°11'	95°13'	154°34'	80°33'	142°30'
14.08.2036	141°48'	38°52'	45°22'	169°04'	96°13'	155°12'	80°43'	142°38'
15.08.2036	142°46'	51°56'	58°37'	169°53'	97°12'	155°50'	80°53'	142°45'
16.08.2036	143°43'	65°23'	72°15'	170°40'	98°13'	156°28'	81°03'	142°53'
17.08.2036	144°41'	79°14'	86°18'	171°23'	99°13'	157°06'	81°12'	143°01'
18.08.2036	145°39'	93°29'	100°45'	172°02'	100°14'	157°44'	81°22'	143°08'
19.08.2036	146°36'	108°06'	115°32'	172°38'	101°15'	158°22'	81°31'	143°16'
20.08.2036	147°34'	123°02'	130°34'	173°09'	102°17'	159°00'	81°40'	143°24'
21.08.2036	148°32'	138°08'	145°43'	173°36'	103°19'	159°38'	81°50'	143°31'
22.08.2036	149°30'	153°17'	160°49'	173°58'	104°21'	160°16'	81°58'	143°39'
23.08.2036	150°28'	168°18'	175°44'	174°16'	105°23'	160°55'	82°07'	143°47'
24.08.2036	151°25'	183°05'	190°20'	174°29'	106°26'	161°33'	82°16'	143°54'
25.08.2036	152°23'	197°29'	204°32'	174°36'	107°29'	162°11'	82°25'	144°02'
26.08.2036	153°21'	211°27'	218°16'	174°38'	108°32'	162°49'	82°33'	144°10'
27.08.2036	154°19'	224°58'	231°34'	174°34'	109°36'	163°27'	82°41'	144°17'
28.08.2036	155°17'	238°03'	244°26'	174°24'	110°39'	164°06'	82°50'	144°25'
29.08.2036	156°15'	250°44'	256°57'	174°08'	111°43'	164°44'	82°58'	144°32'
30.08.2036	157°13'	263°06'	269°11'	173°47'	112°48'	165°22'	83°06'	144°40'
31.08.2036	158°11'	275°13'	281°12'	173°19'	113°52'	166°00'	83°13'	144°48'
01.09.2036	159°09'	287°09'	293°04'	172°45'	114°57'	166°39'	83°21'	144°55'
02.09.2036	160°07'	298°59'	304°52'	172°05'	116°02'	167°17'	83°29'	145°03'
03.09.2036	161°05'	310°46'	316°40'	171°20'	117°07'	167°55'	83°36'	145°10'
04.09.2036	162°03'	322°34'	328°30'	170°30'	118°13'	168°34'	83°43'	145°18'
05.09.2036	163°01'	334°26'	340°24'	169°37'	119°18'	169°12'	83°50'	145°25'
06.09.2036	164°00'	346°24'	352°26'	168°40'	120°24'	169°50'	83°57'	145°32'
07.09.2036	164°58'	358°30'	4°37'	167°42'	121°30'	170°29'	84°04'	145°40'
08.09.2036	165°56'	10°46'	16°57'	166°42'	122°37'	171°07'	84°11'	145°47'
09.09.2036	166°54'	23°12'	29°30'	165°43'	123°43'	171°46'	84°17'	145°55'
10.09.2036	167°52'	35°51'	42°15'	164°46'	124°50'	172°24'	84°23'	146°02'
11.09.2036	168°51'	48°43'	55°15'	163°52'	125°57'	173°03'	84°30'	146°09'
12.09.2036	169°49'	61°51'	68°31'	163°03'	127°04'	173°41'	84°36'	146°16'
13.09.2036	170°48'	75°16'	82°05'	162°19'	128°11'	174°20'	84°41'	146°24'
14.09.2036	171°46'	88°59'	95°57'	161°42'	129°19'	174°58'	84°47'	146°31'
15.09.2036	172°44'	103°00'	110°08'	161°13'	130°26'	175°37'	84°53'	146°38'
16.09.2036	173°43'	117°20'	124°37'	160°52'	131°34'	176°15'	84°58'	146°45'
17.09.2036	174°41'	131°57'	139°20'	160°41'	132°42'	176°54'	85°03'	146°52'
18.09.2036	175°40'	146°45'	154°12'	160°39'	133°51'	177°33'	85°08'	146°59'
19.09.2036	176°39'	161°40'	169°07'	160°46'	134°59'	178°11'	85°13'	147°06'
20.09.2036	177°37'	176°33'	183°56'	161°03'	136°07'	178°50'	85°18'	147°13'
21.09.2036	178°36'	191°16'	198°31'	161°30'	137°16'	179°29'	85°22'	147°20'
22.09.2036	179°35'	205°41'	212°45'	162°05'	138°25'	180°08'	85°27'	147°27'
23.09.2036	180°33'	219°43'	226°34'	162°50'	139°34'	180°46'	85°31'	147°34'
24.09.2036	181°32'	233°18'	239°56'	163°42'	140°43'	181°25'	85°35'	147°41'
25.09.2036	182°31'	246°27'	252°52'	164°43'	141°52'	182°04'	85°38'	147°48'
26.09.2036	183°30'	259°12'	265°25'	165°50'	143°02'	182°43'	85°42'	147°55'
27.09.2036	184°28'	271°34'	277°39'	167°03'	144°11'	183°22'	85°45'	148°01'
28.09.2036	185°27'	283°41'	289°39'	168°23'	145°21'	184°01'	85°49'	148°08'
29.09.2036	186°26'	295°35'	301°30'	169°47'	146°31'	184°40'	85°52'	148°15'
30.09.2036	187°25'	307°24'	313°17'	171°16'	147°41'	185°18'	85°55'	148°21'
01.10.2036	188°24'	319°11'	325°06'	172°48'	148°51'	185°57'	85°57'	148°28'
02.10.2036	189°23'	331°02'	336°59'	174°24'	150°01'	186°36'	86°00'	148°34'

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03.10.2036	190°22'	342°59'	349°02'	176°02'	151°11'	187°15'	86°02'	148°40'
04.10.2036	191°21'	355°07'	1°15'	177°42'	152°22'	187°54'	86°04'	148°47'
05.10.2036	192°20'	7°26'	13°40'	179°24'	153°32'	188°34'	86°06'	148°53'
06.10.2036	193°19'	19°58'	26°19'	181°08'	154°43'	189°13'	86°08'	148°59'
07.10.2036	194°19'	32°43'	39°10'	182°52'	155°54'	189°52'	86°09'	149°05'
08.10.2036	195°18'	45°41'	52°14'	184°37'	157°05'	190°31'	86°10'	149°12'
09.10.2036	196°17'	58°51'	65°30'	186°22'	158°16'	191°10'	86°12'	149°18'
10.10.2036	197°16'	72°12'	78°57'	188°08'	159°27'	191°49'	86°12'	149°24'
11.10.2036	198°15'	85°45'	92°36'	189°53'	160°38'	192°28'	86°13'	149°30'
12.10.2036	199°15'	99°29'	106°25'	191°39'	161°50'	193°08'	86°14'	149°35'
13.10.2036	200°14'	113°24'	120°26'	193°24'	163°01'	193°47'	86°14'	149°41'
14.10.2036	201°14'	127°30'	134°37'	195°09'	164°13'	194°26'	86°14'	149°47'
15.10.2036	202°13'	141°47'	148°59'	196°54'	165°25'	195°06'	86°14'	149°53'
16.10.2036	203°13'	156°12'	163°27'	198°38'	166°37'	195°45'	86°14'	149°58'
17.10.2036	204°12'	170°43'	177°59'	200°22'	167°49'	196°24'	86°13'	150°04'
18.10.2036	205°12'	185°14'	192°27'	202°05'	169°01'	197°04'	86°13'	150°09'
19.10.2036	206°11'	199°38'	206°46'	203°48'	170°13'	197°43'	86°12'	150°15'
20.10.2036	207°11'	213°51'	220°50'	205°30'	171°25'	198°23'	86°11'	150°20'
21.10.2036	208°11'	227°45'	234°34'	207°11'	172°37'	199°02'	86°09'	150°25'
22.10.2036	209°10'	241°17'	247°54'	208°52'	173°50'	199°42'	86°08'	150°31'
23.10.2036	210°10'	254°25'	260°50'	210°32'	175°02'	200°21'	86°06'	150°36'
24.10.2036	211°10'	267°10'	273°24'	212°12'	176°15'	201°01'	86°04'	150°41'
25.10.2036	212°10'	279°34'	285°39'	213°51'	177°27'	201°41'	86°02'	150°46'
26.10.2036	213°09'	291°41'	297°39'	215°29'	178°40'	202°20'	86°00'	150°50'
27.10.2036	214°09'	303°36'	309°31'	217°07'	179°53'	203°00'	85°57'	150°55'
28.10.2036	215°09'	315°25'	321°18'	218°45'	181°06'	203°40'	85°55'	151°00'
29.10.2036	216°09'	327°13'	333°08'	220°22'	182°19'	204°19'	85°52'	151°05'
30.10.2036	217°09'	339°05'	345°05'	221°58'	183°32'	204°59'	85°49'	151°09'
31.10.2036	218°09'	351°07'	357°13'	223°34'	184°45'	205°39'	85°45'	151°14'
01.11.2036	219°09'	3°22'	9°35'	225°09'	185°58'	206°19'	85°42'	151°18'
02.11.2036	220°09'	15°53'	22°15'	226°44'	187°11'	206°59'	85°38'	151°22'
03.11.2036	221°09'	28°41'	35°12'	228°19'	188°24'	207°38'	85°34'	151°26'
04.11.2036	222°09'	41°46'	48°25'	229°53'	189°38'	208°18'	85°30'	151°31'
05.11.2036	223°09'	55°08'	61°53'	231°26'	190°51'	208°58'	85°26'	151°35'
06.11.2036	224°09'	68°42'	75°33'	233°00'	192°05'	209°38'	85°22'	151°39'
07.11.2036	225°09'	82°27'	89°22'	234°33'	193°18'	210°18'	85°17'	151°42'
08.11.2036	226°10'	96°19'	103°18'	236°05'	194°32'	210°58'	85°12'	151°46'
09.11.2036	227°10'	110°17'	117°17'	237°37'	195°46'	211°38'	85°07'	151°50'
10.11.2036	228°10'	124°18'	131°20'	239°09'	196°59'	212°18'	85°02'	151°53'
11.11.2036	229°10'	138°22'	145°25'	240°41'	198°13'	212°59'	84°57'	151°57'
12.11.2036	230°11'	152°28'	159°31'	242°12'	199°27'	213°39'	84°52'	152°00'
13.11.2036	231°11'	166°35'	173°38'	243°43'	200°41'	214°19'	84°46'	152°04'
14.11.2036	232°12'	180°41'	187°44'	245°13'	201°55'	214°59'	84°40'	152°07'
15.11.2036	233°12'	194°45'	201°45'	246°43'	203°09'	215°39'	84°34'	152°10'
16.11.2036	234°12'	208°43'	215°39'	248°13'	204°23'	216°20'	84°28'	152°13'
17.11.2036	235°13'	222°31'	229°21'	249°42'	205°37'	217°00'	84°22'	152°16'
18.11.2036	236°13'	236°06'	242°47'	251°11'	206°51'	217°40'	84°16'	152°18'
19.11.2036	237°14'	249°23'	255°55'	252°40'	208°06'	218°21'	84°09'	152°21'
20.11.2036	238°15'	262°22'	268°44'	254°08'	209°20'	219°01'	84°03'	152°24'
21.11.2036	239°15'	275°01'	281°13'	255°36'	210°34'	219°42'	83°56'	152°26'
22.11.2036	240°16'	287°22'	293°27'	257°03'	211°49'	220°22'	83°49'	152°29'
23.11.2036	241°16'	299°28'	305°27'	258°29'	213°03'	221°03'	83°42'	152°31'
24.11.2036	242°17'	311°23'	317°18'	259°55'	214°17'	221°43'	83°35'	152°33'
25.11.2036	243°18'	323°12'	329°06'	261°20'	215°32'	222°24'	83°28'	152°35'
26.11.2036	244°18'	335°00'	340°55'	262°45'	216°46'	223°04'	83°21'	152°37'

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27.11.2036	245°19'	346°52'	352°52'	264°08'	218°01'	223°45'	83°13'	152°39'
28.11.2036	246°20'	358°55'	5°02'	265°30'	219°15'	224°26'	83°06'	152°41'
29.11.2036	247°21'	11°12'	17°28'	266°51'	220°30'	225°06'	82°58'	152°42'
30.11.2036	248°21'	23°49'	30°15'	268°11'	221°45'	225°47'	82°50'	152°44'
01.12.2036	249°22'	36°47'	43°24'	269°29'	222°59'	226°28'	82°43'	152°45'
02.12.2036	250°23'	50°06'	56°54'	270°45'	224°14'	227°09'	82°35'	152°46'
03.12.2036	251°24'	63°47'	70°45'	271°59'	225°29'	227°50'	82°27'	152°48'
04.12.2036	252°25'	77°46'	84°50'	273°11'	226°43'	228°30'	82°19'	152°49'
05.12.2036	253°25'	91°58'	99°07'	274°19'	227°58'	229°11'	82°11'	152°50'
06.12.2036	254°26'	106°18'	113°29'	275°25'	229°13'	229°52'	82°03'	152°50'
07.12.2036	255°27'	120°40'	127°51'	276°26'	230°28'	230°33'	81°55'	152°51'
08.12.2036	256°28'	135°01'	142°10'	277°24'	231°42'	231°14'	81°47'	152°52'
09.12.2036	257°29'	149°17'	156°23'	278°16'	232°57'	231°55'	81°39'	152°52'
10.12.2036	258°30'	163°26'	170°28'	279°03'	234°12'	232°36'	81°31'	152°53'
11.12.2036	259°31'	177°27'	184°25'	279°43'	235°27'	233°17'	81°23'	152°53'
12.12.2036	260°32'	191°20'	198°12'	280°16'	236°42'	233°59'	81°14'	152°53'
13.12.2036	261°33'	205°03'	211°50'	280°41'	237°57'	234°40'	81°06'	152°53'
14.12.2036	262°34'	218°35'	225°18'	280°57'	239°12'	235°21'	80°58'	152°53'
15.12.2036	263°35'	231°57'	238°33'	281°03'	240°27'	236°02'	80°50'	152°53'
16.12.2036	264°36'	245°06'	251°35'	280°58'	241°42'	236°43'	80°42'	152°53'
17.12.2036	265°37'	258°01'	264°24'	280°43'	242°57'	237°25'	80°34'	152°52'
18.12.2036	266°38'	270°42'	276°57'	280°15'	244°12'	238°06'	80°26'	152°52'
19.12.2036	267°39'	283°09'	289°17'	279°36'	245°27'	238°47'	80°17'	152°51'
20.12.2036	268°40'	295°23'	301°25'	278°46'	246°42'	239°29'	80°09'	152°51'
21.12.2036	269°42'	307°24'	313°22'	277°46'	247°57'	240°10'	80°01'	152°50'
22.12.2036	270°43'	319°17'	325°12'	276°36'	249°13'	240°52'	79°54'	152°49'
23.12.2036	271°44'	331°05'	336°59'	275°20'	250°28'	241°33'	79°46'	152°48'
24.12.2036	272°45'	342°53'	348°48'	273°59'	251°43'	242°15'	79°38'	152°47'
25.12.2036	273°46'	354°44'	0°43'	272°37'	252°58'	242°56'	79°30'	152°45'
26.12.2036	274°47'	6°45'	12°51'	271°15'	254°13'	243°38'	79°23'	152°44'
27.12.2036	275°48'	19°00'	25°15'	269°57'	255°28'	244°20'	79°15'	152°43'
28.12.2036	276°49'	31°35'	38°00'	268°45'	256°43'	245°01'	79°08'	152°41'
29.12.2036	277°51'	44°32'	51°10'	267°41'	257°58'	245°43'	79°00'	152°39'
30.12.2036	278°52'	57°55'	64°46'	266°46'	259°14'	246°25'	78°53'	152°38'
31.12.2036	279°53'	71°43'	78°46'	266°01'	260°29'	247°06'	78°46'	152°36'
01.01.2037	280°54'	85°55'	93°09'	265°27'	261°44'	247°48'	78°39'	152°34'
02.01.2037	281°55'	100°27'	107°48'	265°03'	262°59'	248°30'	78°32'	152°32'
03.01.2037	282°56'	115°11'	122°36'	264°49'	264°14'	249°12'	78°25'	152°29'
04.01.2037	283°57'	130°01'	137°26'	264°45'	265°30'	249°54'	78°18'	152°27'
05.01.2037	284°59'	144°50'	152°11'	264°50'	266°45'	250°36'	78°12'	152°25'
06.01.2037	286°00'	159°30'	166°45'	265°03'	268°00'	251°18'	78°05'	152°22'
07.01.2037	287°01'	173°56'	181°03'	265°24'	269°15'	252°00'	77°59'	152°20'
08.01.2037	288°02'	188°06'	195°05'	265°51'	270°30'	252°42'	77°53'	152°17'
09.01.2037	289°03'	201°59'	208°48'	266°25'	271°46'	253°24'	77°47'	152°14'
10.01.2037	290°04'	215°33'	222°14'	267°05'	273°01'	254°06'	77°41'	152°11'
11.01.2037	291°05'	228°50'	235°23'	267°50'	274°16'	254°48'	77°35'	152°08'
12.01.2037	292°07'	241°52'	248°17'	268°39'	275°31'	255°30'	77°30'	152°05'
13.01.2037	293°08'	254°39'	260°57'	269°32'	276°47'	256°12'	77°25'	152°02'
14.01.2037	294°09'	267°13'	273°25'	270°29'	278°02'	256°55'	77°19'	151°59'
15.01.2037	295°10'	279°35'	285°42'	271°29'	279°17'	257°37'	77°14'	151°55'
16.01.2037	296°11'	291°46'	297°49'	272°32'	280°33'	258°19'	77°09'	151°52'
17.01.2037	297°12'	303°49'	309°47'	273°38'	281°48'	259°02'	77°05'	151°49'
18.01.2037	298°13'	315°44'	321°40'	274°46'	283°03'	259°44'	77°00'	151°45'
19.01.2037	299°14'	327°34'	333°28'	275°57'	284°18'	260°26'	76°56'	151°41'
20.01.2037	300°16'	339°22'	345°15'	277°09'	285°34'	261°09'	76°52'	151°38'

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21.01.2037	301°17'	351°10'	357°05'	278°23'	286°49'	261°51'	76°48'	151°34'
22.01.2037	302°18'	3°02'	9°00'	279°38'	288°04'	262°34'	76°44'	151°30'
23.01.2037	303°19'	15°02'	21°06'	280°55'	289°19'	263°16'	76°41'	151°26'
24.01.2037	304°20'	27°14'	33°26'	282°14'	290°35'	263°59'	76°37'	151°22'
25.01.2037	305°21'	39°43'	46°06'	283°33'	291°50'	264°41'	76°34'	151°18'
26.01.2037	306°22'	52°34'	59°09'	284°54'	293°05'	265°24'	76°31'	151°14'
27.01.2037	307°23'	65°50'	72°37'	286°16'	294°20'	266°06'	76°28'	151°10'
28.01.2037	308°24'	79°32'	86°34'	287°39'	295°36'	266°49'	76°26'	151°05'
29.01.2037	309°25'	93°42'	100°56'	289°03'	296°51'	267°32'	76°23'	151°01'
30.01.2037	310°26'	108°16'	115°42'	290°28'	298°06'	268°15'	76°21'	150°57'
31.01.2037	311°26'	123°11'	130°44'	291°54'	299°21'	268°57'	76°19'	150°52'
01.02.2037	312°27'	138°18'	145°54'	293°21'	300°36'	269°40'	76°17'	150°48'
02.02.2037	313°28'	153°29'	161°02'	294°49'	301°52'	270°23'	76°16'	150°43'
03.02.2037	314°29'	168°33'	176°00'	296°17'	303°07'	271°06'	76°14'	150°39'
04.02.2037	315°30'	183°23'	190°40'	297°47'	304°22'	271°49'	76°13'	150°34'
05.02.2037	316°31'	197°52'	204°57'	299°17'	305°37'	272°32'	76°12'	150°30'
06.02.2037	317°32'	211°56'	218°49'	300°48'	306°52'	273°15'	76°11'	150°25'
07.02.2037	318°32'	225°35'	232°15'	302°19'	308°08'	273°58'	76°11'	150°20'
08.02.2037	319°33'	238°50'	245°19'	303°52'	309°23'	274°41'	76°10'	150°16'
09.02.2037	320°34'	251°43'	258°02'	305°25'	310°38'	275°24'	76°10'	150°11'
10.02.2037	321°35'	264°17'	270°28'	307°00'	311°53'	276°07'	76°10'	150°06'
11.02.2037	322°35'	276°36'	282°42'	308°34'	313°08'	276°50'	76°11'	150°01'
12.02.2037	323°36'	288°44'	294°44'	310°10'	314°23'	277°33'	76°11'	149°57'
13.02.2037	324°37'	300°43'	306°40'	311°47'	315°39'	278°16'	76°12'	149°52'
14.02.2037	325°37'	312°36'	318°31'	313°24'	316°54'	278°59'	76°13'	149°47'
15.02.2037	326°38'	324°26'	330°20'	315°03'	318°09'	279°43'	76°14'	149°42'
16.02.2037	327°39'	336°14'	342°08'	316°42'	319°24'	280°26'	76°15'	149°37'
17.02.2037	328°39'	348°03'	353°58'	318°22'	320°39'	281°09'	76°16'	149°32'
18.02.2037	329°40'	359°54'	5°51'	320°03'	321°54'	281°52'	76°18'	149°28'
19.02.2037	330°40'	11°50'	17°51'	321°44'	323°09'	282°36'	76°20'	149°23'
20.02.2037	331°41'	23°54'	30°00'	323°27'	324°25'	283°19'	76°22'	149°18'
21.02.2037	332°41'	36°08'	42°20'	325°11'	325°40'	284°03'	76°24'	149°13'
22.02.2037	333°42'	48°36'	54°57'	326°55'	326°55'	284°46'	76°26'	149°08'
23.02.2037	334°42'	61°22'	67°53'	328°41'	328°10'	285°29'	76°29'	149°03'
24.02.2037	335°43'	74°29'	81°11'	330°27'	329°25'	286°13'	76°32'	148°59'
25.02.2037	336°43'	88°00'	94°55'	332°15'	330°40'	286°56'	76°35'	148°54'
26.02.2037	337°43'	101°57'	109°05'	334°03'	331°55'	287°40'	76°38'	148°49'
27.02.2037	338°44'	116°20'	123°40'	335°53'	333°10'	288°23'	76°42'	148°44'
28.02.2037	339°44'	131°07'	138°37'	337°43'	334°25'	289°07'	76°45'	148°39'
01.03.2037	340°44'	146°12'	153°49'	339°34'	335°40'	289°51'	76°49'	148°35'
02.03.2037	341°44'	161°27'	169°06'	341°26'	336°55'	290°34'	76°53'	148°30'
03.03.2037	342°44'	176°43'	184°17'	343°20'	338°10'	291°18'	76°57'	148°25'
04.03.2037	343°45'	191°48'	199°14'	345°13'	339°25'	292°01'	77°01'	148°21'
05.03.2037	344°45'	206°33'	213°47'	347°08'	340°40'	292°45'	77°06'	148°16'
06.03.2037	345°45'	220°53'	227°52'	349°04'	341°55'	293°29'	77°10'	148°12'
07.03.2037	346°45'	234°43'	241°27'	351°00'	343°09'	294°13'	77°15'	148°07'
08.03.2037	347°45'	248°05'	254°35'	352°56'	344°24'	294°56'	77°20'	148°03'
09.03.2037	348°45'	260°59'	267°18'	354°53'	345°39'	295°40'	77°25'	147°58'
10.03.2037	349°45'	273°31'	279°40'	356°51'	346°54'	296°24'	77°31'	147°54'
11.03.2037	350°45'	285°45'	291°47'	358°48'	348°09'	297°08'	77°36'	147°50'
12.03.2037	351°45'	297°46'	303°43'	0°45'	349°24'	297°52'	77°42'	147°46'
13.03.2037	352°45'	309°39'	315°33'	2°41'	350°39'	298°36'	77°48'	147°41'
14.03.2037	353°44'	321°27'	327°20'	4°37'	351°53'	299°20'	77°54'	147°37'
15.03.2037	354°44'	333°13'	339°07'	6°31'	353°08'	300°04'	78°00'	147°33'
16.03.2037	355°44'	345°02'	350°58'	8°24'	354°23'	300°48'	78°06'	147°29'

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17.03.2037	356°44'	356°55'	2°53'	10°15'	355°38'	301°32'	78°13'	147°25'
18.03.2037	357°44'	8°53'	14°55'	12°03'	356°53'	302°16'	78°19'	147°21'
19.03.2037	358°43'	20°58'	27°04'	13°49'	358°07'	303°00'	78°26'	147°18'
20.03.2037	359°43'	33°12'	39°22'	15°31'	359°22'	303°44'	78°33'	147°14'
21.03.2037	0°43'	45°35'	51°51'	17°10'	0°37'	304°28'	78°40'	147°10'
22.03.2037	1°42'	58°11'	64°33'	18°44'	1°51'	305°12'	78°47'	147°07'
23.03.2037	2°42'	70°59'	77°30'	20°13'	3°06'	305°56'	78°55'	147°03'
24.03.2037	3°41'	84°04'	90°44'	21°38'	4°21'	306°40'	79°02'	147°00'
25.03.2037	4°41'	97°28'	104°18'	22°57'	5°35'	307°24'	79°10'	146°57'
26.03.2037	5°40'	111°13'	118°14'	24°10'	6°50'	308°08'	79°18'	146°53'
27.03.2037	6°40'	125°20'	132°32'	25°17'	8°05'	308°52'	79°25'	146°50'
28.03.2037	7°39'	139°50'	147°12'	26°17'	9°19'	309°36'	79°34'	146°47'
29.03.2037	8°38'	154°38'	162°08'	27°11'	10°34'	310°21'	79°42'	146°44'
30.03.2037	9°38'	169°41'	177°14'	27°57'	11°48'	311°05'	79°50'	146°41'
31.03.2037	10°37'	184°48'	192°21'	28°37'	13°03'	311°49'	79°59'	146°38'
01.04.2037	11°36'	199°51'	207°17'	29°09'	14°17'	312°33'	80°07'	146°36'
02.04.2037	12°35'	214°39'	221°55'	29°34'	15°32'	313°17'	80°16'	146°33'
03.04.2037	13°34'	229°04'	236°07'	29°52'	16°46'	314°02'	80°25'	146°30'
04.04.2037	14°34'	243°02'	249°50'	30°03'	18°01'	314°46'	80°34'	146°28'
05.04.2037	15°33'	256°31'	263°04'	30°06'	19°15'	315°30'	80°43'	146°26'
06.04.2037	16°32'	269°31'	275°52'	30°03'	20°30'	316°15'	80°52'	146°23'
07.04.2037	17°31'	282°07'	288°17'	29°53'	21°44'	316°59'	81°01'	146°21'
08.04.2037	18°30'	294°22'	300°24'	29°36'	22°58'	317°43'	81°11'	146°19'
09.04.2037	19°29'	306°23'	312°19'	29°14'	24°13'	318°27'	81°20'	146°17'
10.04.2037	20°28'	318°14'	324°08'	28°47'	25°27'	319°12'	81°30'	146°15'
11.04.2037	21°27'	330°02'	335°55'	28°15'	26°41'	319°56'	81°40'	146°14'
12.04.2037	22°25'	341°49'	347°44'	27°39'	27°56'	320°40'	81°49'	146°12'
13.04.2037	23°24'	353°41'	359°39'	27°00'	29°10'	321°25'	81°59'	146°10'
14.04.2037	24°23'	5°39'	11°42'	26°18'	30°24'	322°09'	82°09'	146°09'
15.04.2037	25°22'	17°47'	23°54'	25°34'	31°38'	322°54'	82°20'	146°08'
16.04.2037	26°21'	30°04'	36°17'	24°50'	32°53'	323°38'	82°30'	146°06'
17.04.2037	27°19'	42°33'	48°51'	24°06'	34°07'	324°22'	82°40'	146°05'
18.04.2037	28°18'	55°12'	61°36'	23°23'	35°21'	325°07'	82°51'	146°04'
19.04.2037	29°17'	68°03'	74°32'	22°41'	36°35'	325°51'	83°01'	146°03'
20.04.2037	30°15'	81°04'	87°40'	22°02'	37°49'	326°35'	83°12'	146°02'
21.04.2037	31°14'	94°19'	101°01'	21°26'	39°04'	327°20'	83°23'	146°02'
22.04.2037	32°13'	107°46'	114°35'	20°53'	40°18'	328°04'	83°34'	146°01'
23.04.2037	33°11'	121°28'	128°25'	20°24'	41°32'	328°48'	83°45'	146°01'
24.04.2037	34°10'	135°26'	142°31'	19°59'	42°46'	329°33'	83°56'	146°00'
25.04.2037	35°08'	149°40'	156°53'	19°39'	44°00'	330°17'	84°07'	146°00'
26.04.2037	36°06'	164°09'	171°28'	19°23'	45°14'	331°01'	84°18'	146°00'
27.04.2037	37°05'	178°49'	186°11'	19°12'	46°28'	331°46'	84°29'	146°00'
28.04.2037	38°03'	193°34'	200°57'	19°07'	47°42'	332°30'	84°40'	146°00'
29.04.2037	39°01'	208°18'	215°37'	19°06'	48°56'	333°14'	84°52'	146°00'
30.04.2037	40°00'	222°52'	230°02'	19°10'	50°10'	333°59'	85°03'	146°00'
01.05.2037	40°58'	237°08'	244°08'	19°19'	51°24'	334°43'	85°15'	146°00'
02.05.2037	41°56'	251°02'	257°49'	19°33'	52°37'	335°27'	85°27'	146°01'
03.05.2037	42°54'	264°30'	271°04'	19°51'	53°51'	336°12'	85°38'	146°01'
04.05.2037	43°53'	277°32'	283°53'	20°14'	55°05'	336°56'	85°50'	146°02'
05.05.2037	44°51'	290°10'	296°21'	20°41'	56°19'	337°40'	86°02'	146°03'
06.05.2037	45°49'	302°28'	308°31'	21°12'	57°33'	338°24'	86°14'	146°04'
07.05.2037	46°47'	314°31'	320°29'	21°47'	58°47'	339°09'	86°26'	146°05'
08.05.2037	47°45'	326°25'	332°20'	22°27'	60°00'	339°53'	86°38'	146°06'
09.05.2037	48°43'	338°14'	344°09'	23°10'	61°14'	340°37'	86°50'	146°07'
10.05.2037	49°41'	350°04'	356°01'	23°56'	62°28'	341°21'	87°02'	146°08'

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11.05.2037	50°39'	2°00'	8°00'	24°46'	63°42'	342°06'	87°15'	146°10'
12.05.2037	51°37'	14°04'	20°11'	25°39'	64°55'	342°50'	87°27'	146°11'
13.05.2037	52°35'	26°20'	32°34'	26°36'	66°09'	343°34'	87°39'	146°13'
14.05.2037	53°33'	38°50'	45°11'	27°36'	67°23'	344°18'	87°52'	146°15'
15.05.2037	54°31'	51°35'	58°02'	28°38'	68°36'	345°02'	88°04'	146°16'
16.05.2037	55°29'	64°33'	71°07'	29°44'	69°50'	345°46'	88°17'	146°18'
17.05.2037	56°27'	77°44'	84°24'	30°52'	71°04'	346°30'	88°29'	146°20'
18.05.2037	57°24'	91°07'	97°53'	32°03'	72°17'	347°14'	88°42'	146°22'
19.05.2037	58°22'	104°40'	111°31'	33°17'	73°31'	347°58'	88°55'	146°25'
20.05.2037	59°20'	118°23'	125°18'	34°33'	74°44'	348°42'	89°07'	146°27'
21.05.2037	60°18'	132°15'	139°14'	35°52'	75°58'	349°26'	89°20'	146°29'
22.05.2037	61°16'	146°15'	153°18'	37°14'	77°11'	350°10'	89°33'	146°32'
23.05.2037	62°13'	160°23'	167°30'	38°38'	78°25'	350°54'	89°46'	146°35'
24.05.2037	63°11'	174°38'	181°48'	40°04'	79°38'	351°37'	89°59'	146°37'
25.05.2037	64°09'	188°58'	196°08'	41°33'	80°52'	352°21'	90°12'	146°40'
26.05.2037	65°06'	203°18'	210°27'	43°04'	82°05'	353°05'	90°25'	146°43'
27.05.2037	66°04'	217°35'	224°41'	44°38'	83°19'	353°49'	90°38'	146°46'
28.05.2037	67°01'	231°44'	238°43'	46°14'	84°32'	354°32'	90°51'	146°49'
29.05.2037	67°59'	245°38'	252°29'	47°52'	85°45'	355°16'	91°04'	146°52'
30.05.2037	68°56'	259°15'	265°56'	49°33'	86°59'	355°59'	91°17'	146°56'
31.05.2037	69°54'	272°31'	279°02'	51°16'	88°12'	356°43'	91°30'	146°59'
01.06.2037	70°51'	285°27'	291°47'	53°02'	89°25'	357°26'	91°43'	147°02'
02.06.2037	71°49'	298°02'	304°13'	54°49'	90°39'	358°10'	91°57'	147°06'
03.06.2037	72°46'	310°20'	316°24'	56°40'	91°52'	358°53'	92°10'	147°10'
04.06.2037	73°44'	322°25'	328°23'	58°32'	93°05'	359°36'	92°23'	147°13'
05.06.2037	74°41'	334°20'	340°16'	60°27'	94°18'	0°20'	92°37'	147°17'
06.06.2037	75°39'	346°11'	352°06'	62°24'	95°31'	1°03'	92°50'	147°21'
07.06.2037	76°36'	358°03'	4°01'	64°23'	96°45'	1°46'	93°03'	147°25'
08.06.2037	77°34'	10°01'	16°03'	66°24'	97°58'	2°29'	93°17'	147°29'
09.06.2037	78°31'	22°09'	28°18'	68°27'	99°11'	3°12'	93°30'	147°33'
10.06.2037	79°28'	34°31'	40°48'	70°32'	100°24'	3°55'	93°44'	147°37'
11.06.2037	80°26'	47°10'	53°36'	72°38'	101°37'	4°38'	93°57'	147°42'
12.06.2037	81°23'	60°07'	66°42'	74°47'	102°50'	5°21'	94°11'	147°46'
13.06.2037	82°21'	73°22'	80°06'	76°56'	104°03'	6°04'	94°24'	147°51'
14.06.2037	83°18'	86°54'	93°46'	79°06'	105°16'	6°47'	94°38'	147°55'
15.06.2037	84°15'	100°41'	107°39'	81°17'	106°29'	7°29'	94°51'	148°00'
16.06.2037	85°13'	114°39'	121°42'	83°29'	107°42'	8°12'	95°05'	148°04'
17.06.2037	86°10'	128°46'	135°52'	85°41'	108°55'	8°54'	95°18'	148°09'
18.06.2037	87°07'	142°58'	150°05'	87°53'	110°08'	9°37'	95°32'	148°14'
19.06.2037	88°05'	157°12'	164°19'	90°04'	111°21'	10°19'	95°45'	148°19'
20.06.2037	89°02'	171°26'	178°32'	92°15'	112°34'	11°01'	95°59'	148°24'
21.06.2037	89°59'	185°38'	192°42'	94°26'	113°47'	11°43'	96°13'	148°29'
22.06.2037	90°56'	199°45'	206°46'	96°35'	115°00'	12°25'	96°26'	148°34'
23.06.2037	91°54'	213°46'	220°43'	98°43'	116°12'	13°07'	96°40'	148°40'
24.06.2037	92°51'	227°38'	234°30'	100°49'	117°25'	13°49'	96°54'	148°45'
25.06.2037	93°48'	241°19'	248°05'	102°54'	118°38'	14°31'	97°07'	148°50'
26.06.2037	94°45'	254°47'	261°26'	104°57'	119°51'	15°13'	97°21'	148°56'
27.06.2037	95°42'	268°00'	274°31'	106°59'	121°03'	15°54'	97°34'	149°01'
28.06.2037	96°40'	280°58'	287°21'	108°58'	122°16'	16°36'	97°48'	149°07'
29.06.2037	97°37'	293°40'	299°55'	110°56'	123°29'	17°17'	98°02'	149°12'
30.06.2037	98°34'	306°06'	312°14'	112°51'	124°41'	17°59'	98°15'	149°18'
01.07.2037	99°31'	318°19'	324°21'	114°45'	125°54'	18°40'	98°29'	149°24'
02.07.2037	100°28'	330°21'	336°19'	116°36'	127°06'	19°21'	98°43'	149°30'
03.07.2037	101°26'	342°16'	348°12'	118°26'	128°19'	20°02'	98°56'	149°35'
04.07.2037	102°23'	354°07'	0°03'	120°13'	129°31'	20°43'	99°10'	149°41'

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05.07.2037	103°20'	6°00'	11°58'	121°59'	130°44'	21°24'	99°24'	149°47'
06.07.2037	104°17'	17°58'	24°01'	123°42'	131°56'	22°04'	99°37'	149°53'
07.07.2037	105°14'	30°07'	36°16'	125°23'	133°09'	22°45'	99°51'	149°59'
08.07.2037	106°12'	42°30'	48°48'	127°02'	134°21'	23°25'	100°04'	150°06'
09.07.2037	107°09'	55°12'	61°40'	128°39'	135°33'	24°06'	100°18'	150°12'
10.07.2037	108°06'	68°15'	74°54'	130°14'	136°46'	24°46'	100°32'	150°18'
11.07.2037	109°03'	81°40'	88°31'	131°46'	137°58'	25°26'	100°45'	150°24'
12.07.2037	110°01'	95°27'	102°28'	133°17'	139°10'	26°06'	100°59'	150°31'
13.07.2037	110°58'	109°34'	116°43'	134°45'	140°22'	26°46'	101°12'	150°37'
14.07.2037	111°55'	123°56'	131°12'	136°12'	141°35'	27°25'	101°26'	150°44'
15.07.2037	112°52'	138°29'	145°48'	137°36'	142°47'	28°05'	101°39'	150°50'
16.07.2037	113°50'	153°07'	160°26'	138°58'	143°59'	28°44'	101°53'	150°57'
17.07.2037	114°47'	167°43'	174°59'	140°17'	145°11'	29°23'	102°06'	151°03'
18.07.2037	115°44'	182°13'	189°24'	141°35'	146°23'	30°02'	102°20'	151°10'
19.07.2037	116°41'	196°32'	203°36'	142°50'	147°35'	30°41'	102°33'	151°17'
20.07.2037	117°39'	210°37'	217°34'	144°02'	148°47'	31°20'	102°46'	151°23'
21.07.2037	118°36'	224°28'	231°17'	145°12'	149°59'	31°58'	103°00'	151°30'
22.07.2037	119°33'	238°03'	244°44'	146°20'	151°11'	32°37'	103°13'	151°37'
23.07.2037	120°31'	251°22'	257°56'	147°25'	152°23'	33°15'	103°26'	151°44'
24.07.2037	121°28'	264°26'	270°53'	148°27'	153°34'	33°53'	103°40'	151°51'
25.07.2037	122°25'	277°17'	283°37'	149°26'	154°46'	34°31'	103°53'	151°58'
26.07.2037	123°22'	289°54'	296°08'	150°23'	155°58'	35°08'	104°06'	152°05'
27.07.2037	124°20'	302°19'	308°27'	151°16'	157°09'	35°46'	104°19'	152°12'
28.07.2037	125°17'	314°33'	320°37'	152°06'	158°21'	36°23'	104°32'	152°19'
29.07.2037	126°14'	326°38'	332°38'	152°53'	159°33'	37°00'	104°46'	152°26'
30.07.2037	127°12'	338°36'	344°33'	153°36'	160°44'	37°37'	104°59'	152°33'
31.07.2037	128°09'	350°29'	356°24'	154°16'	161°56'	38°14'	105°12'	152°40'
01.08.2037	129°06'	2°20'	8°16'	154°52'	163°07'	38°50'	105°25'	152°47'
02.08.2037	130°04'	14°12'	20°10'	155°23'	164°18'	39°27'	105°38'	152°54'
03.08.2037	131°01'	26°10'	32°12'	155°51'	165°30'	40°03'	105°51'	153°02'
04.08.2037	131°59'	38°17'	44°25'	156°14'	166°41'	40°39'	106°04'	153°09'
05.08.2037	132°56'	50°38'	56°55'	156°33'	167°52'	41°14'	106°16'	153°16'
06.08.2037	133°54'	63°17'	69°44'	156°47'	169°04'	41°50'	106°29'	153°23'
07.08.2037	134°51'	76°18'	82°57'	156°56'	170°15'	42°25'	106°42'	153°31'
08.08.2037	135°49'	89°43'	96°36'	156°59'	171°26'	43°00'	106°55'	153°38'
09.08.2037	136°46'	103°35'	110°41'	156°58'	172°37'	43°34'	107°07'	153°45'
10.08.2037	137°44'	117°52'	125°09'	156°51'	173°48'	44°09'	107°20'	153°53'
11.08.2037	138°41'	132°30'	139°55'	156°39'	174°59'	44°43'	107°32'	154°00'
12.08.2037	139°39'	147°24'	154°54'	156°22'	176°10'	45°17'	107°45'	154°08'
13.08.2037	140°36'	162°25'	169°56'	155°59'	177°20'	45°51'	107°57'	154°15'
14.08.2037	141°34'	177°25'	184°52'	155°31'	178°31'	46°24'	108°10'	154°23'
15.08.2037	142°32'	192°16'	199°35'	154°57'	179°42'	46°57'	108°22'	154°30'
16.08.2037	143°29'	206°50'	213°59'	154°19'	180°53'	47°30'	108°35'	154°38'
17.08.2037	144°27'	221°03'	228°01'	153°37'	182°03'	48°03'	108°47'	154°45'
18.08.2037	145°25'	234°53'	241°40'	152°52'	183°14'	48°35'	108°59'	154°53'
19.08.2037	146°23'	248°21'	254°56'	152°03'	184°24'	49°07'	109°11'	155°00'
20.08.2037	147°20'	261°27'	267°54'	151°12'	185°35'	49°38'	109°23'	155°08'
21.08.2037	148°18'	274°16'	280°34'	150°20'	186°45'	50°10'	109°35'	155°15'
22.08.2037	149°16'	286°49'	293°00'	149°27'	187°55'	50°41'	109°47'	155°23'
23.08.2037	150°14'	299°09'	305°15'	148°35'	189°05'	51°11'	109°59'	155°30'
24.08.2037	151°11'	311°20'	317°22'	147°45'	190°16'	51°42'	110°11'	155°38'
25.08.2037	152°09'	323°22'	329°22'	146°58'	191°26'	52°12'	110°22'	155°46'
26.08.2037	153°07'	335°20'	341°17'	146°15'	192°36'	52°41'	110°34'	155°53'
27.08.2037	154°05'	347°13'	353°09'	145°37'	193°45'	53°10'	110°45'	156°01'
28.08.2037	155°03'	359°04'	5°00'	145°05'	194°55'	53°39'	110°57'	156°08'

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29.08.2037	156°01'	10°56'	16°52'	144°39'	196°05'	54°08'	111°08'	156°16'
30.08.2037	156°59'	22°49'	28°48'	144°20'	197°15'	54°36'	111°20'	156°24'
31.08.2037	157°57'	34°48'	40°50'	144°10'	198°24'	55°04'	111°31'	156°31'
01.09.2037	158°55'	46°54'	53°02'	144°07'	199°34'	55°31'	111°42'	156°39'
02.09.2037	159°53'	59°13'	65°28'	144°12'	200°43'	55°58'	111°53'	156°46'
03.09.2037	160°51'	71°48'	78°13'	144°26'	201°52'	56°25'	112°04'	156°54'
04.09.2037	161°49'	84°43'	91°20'	144°49'	203°02'	56°51'	112°15'	157°02'
05.09.2037	162°47'	98°03'	104°52'	145°20'	204°11'	57°17'	112°26'	157°09'
06.09.2037	163°45'	111°49'	118°52'	145°59'	205°20'	57°42'	112°37'	157°17'
07.09.2037	164°44'	126°03'	133°20'	146°47'	206°29'	58°07'	112°47'	157°24'
08.09.2037	165°42'	140°43'	148°11'	147°42'	207°38'	58°31'	112°58'	157°32'
09.09.2037	166°40'	155°44'	163°20'	148°44'	208°47'	58°55'	113°09'	157°39'
10.09.2037	167°38'	170°58'	178°36'	149°53'	209°55'	59°18'	113°19'	157°47'
11.09.2037	168°37'	186°14'	193°50'	151°08'	211°04'	59°41'	113°29'	157°54'
12.09.2037	169°35'	201°22'	208°50'	152°30'	212°12'	60°03'	113°39'	158°02'
13.09.2037	170°34'	216°13'	223°29'	153°56'	213°21'	60°25'	113°49'	158°09'
14.09.2037	171°32'	230°38'	237°41'	155°27'	214°29'	60°46'	113°59'	158°17'
15.09.2037	172°30'	244°36'	251°24'	157°03'	215°37'	61°07'	114°09'	158°24'
16.09.2037	173°29'	258°05'	264°40'	158°41'	216°45'	61°27'	114°19'	158°32'
17.09.2037	174°27'	271°09'	277°32'	160°23'	217°53'	61°47'	114°29'	158°39'
18.09.2037	175°26'	283°51'	290°04'	162°07'	219°01'	62°06'	114°38'	158°47'
19.09.2037	176°24'	296°14'	302°21'	163°54'	220°09'	62°24'	114°48'	158°54'
20.09.2037	177°23'	308°25'	314°26'	165°41'	221°17'	62°42'	114°57'	159°01'
21.09.2037	178°22'	320°26'	326°24'	167°30'	222°24'	62°59'	115°06'	159°09'
22.09.2037	179°20'	332°21'	338°17'	169°20'	223°31'	63°16'	115°15'	159°16'
23.09.2037	180°19'	344°13'	350°08'	171°11'	224°39'	63°32'	115°24'	159°23'
24.09.2037	181°18'	356°04'	2°00'	173°01'	225°46'	63°47'	115°33'	159°31'
25.09.2037	182°16'	7°56'	13°53'	174°52'	226°52'	64°02'	115°42'	159°38'
26.09.2037	183°15'	19°51'	25°49'	176°43'	227°59'	64°16'	115°51'	159°45'
27.09.2037	184°14'	31°49'	37°50'	178°33'	229°06'	64°29'	115°59'	159°52'
28.09.2037	185°13'	43°52'	49°57'	180°23'	230°12'	64°41'	116°08'	159°59'
29.09.2037	186°12'	56°04'	62°13'	182°12'	231°19'	64°53'	116°16'	160°06'
30.09.2037	187°11'	68°25'	74°40'	184°01'	232°25'	65°04'	116°24'	160°13'
01.10.2037	188°10'	80°59'	87°23'	185°49'	233°31'	65°15'	116°32'	160°21'
02.10.2037	189°09'	93°51'	100°24'	187°37'	234°36'	65°24'	116°40'	160°28'
03.10.2037	190°08'	107°03'	113°48'	189°24'	235°42'	65°33'	116°48'	160°34'
04.10.2037	191°07'	120°40'	127°38'	191°09'	236°47'	65°41'	116°55'	160°41'
05.10.2037	192°06'	134°42'	141°54'	192°55'	237°53'	65°48'	117°03'	160°48'
06.10.2037	193°05'	149°11'	156°35'	194°39'	238°58'	65°55'	117°10'	160°55'
07.10.2037	194°04'	164°04'	171°37'	196°23'	240°03'	66°00'	117°17'	161°02'
08.10.2037	195°03'	179°13'	186°52'	198°05'	241°07'	66°05'	117°24'	161°09'
09.10.2037	196°03'	194°30'	202°08'	199°47'	242°12'	66°09'	117°31'	161°15'
10.10.2037	197°02'	209°44'	217°15'	201°29'	243°16'	66°12'	117°38'	161°22'
11.10.2037	198°01'	224°42'	232°03'	203°09'	244°20'	66°14'	117°44'	161°29'
12.10.2037	199°01'	239°17'	246°24'	204°49'	245°24'	66°15'	117°51'	161°35'
13.10.2037	200°00'	253°24'	260°16'	206°28'	246°27'	66°16'	117°57'	161°42'
14.10.2037	200°59'	267°00'	273°38'	208°06'	247°31'	66°15'	118°03'	161°48'
15.10.2037	201°59'	280°08'	286°32'	209°43'	248°34'	66°14'	118°09'	161°55'
16.10.2037	202°58'	292°51'	299°04'	211°20'	249°36'	66°12'	118°15'	162°01'
17.10.2037	203°58'	305°13'	311°18'	212°56'	250°39'	66°09'	118°20'	162°08'
18.10.2037	204°57'	317°21'	323°20'	214°32'	251°41'	66°05'	118°26'	162°14'
19.10.2037	205°57'	329°18'	335°14'	216°07'	252°43'	66°00'	118°31'	162°20'
20.10.2037	206°56'	341°10'	347°05'	217°41'	253°45'	65°54'	118°36'	162°26'
21.10.2037	207°56'	353°00'	358°55'	219°14'	254°46'	65°47'	118°41'	162°32'
22.10.2037	208°56'	4°51'	10°49'	220°47'	255°47'	65°40'	118°46'	162°38'

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23.10.2037	209°55'	16°47'	22°46'	222°20'	256°47'	65°31'	118°51'	162°44'
24.10.2037	210°55'	28°47'	34°50'	223°52'	257°47'	65°22'	118°55'	162°50'
25.10.2037	211°55'	40°54'	47°01'	225°23'	258°47'	65°12'	119°00'	162°56'
26.10.2037	212°55'	53°09'	59°19'	226°54'	259°47'	65°01'	119°04'	163°02'
27.10.2037	213°54'	65°31'	71°46'	228°24'	260°46'	64°49'	119°08'	163°08'
28.10.2037	214°54'	78°03'	84°23'	229°54'	261°45'	64°36'	119°11'	163°13'
29.10.2037	215°54'	90°46'	97°12'	231°23'	262°43'	64°23'	119°15'	163°19'
30.10.2037	216°54'	103°42'	110°16'	232°51'	263°41'	64°08'	119°18'	163°24'
31.10.2037	217°54'	116°54'	123°37'	234°19'	264°38'	63°53'	119°22'	163°30'
01.11.2037	218°54'	130°26'	137°19'	235°46'	265°35'	63°38'	119°25'	163°35'
02.11.2037	219°54'	144°18'	151°22'	237°13'	266°31'	63°21'	119°27'	163°41'
03.11.2037	220°54'	158°31'	165°46'	238°39'	267°27'	63°04'	119°30'	163°46'
04.11.2037	221°54'	173°05'	180°29'	240°05'	268°22'	62°46'	119°33'	163°51'
05.11.2037	222°54'	187°56'	195°25'	241°29'	269°17'	62°28'	119°35'	163°56'
06.11.2037	223°55'	202°56'	210°26'	242°53'	270°11'	62°09'	119°37'	164°01'
07.11.2037	224°55'	217°56'	225°23'	244°17'	271°05'	61°49'	119°39'	164°06'
08.11.2037	225°55'	232°47'	240°06'	245°39'	271°58'	61°29'	119°41'	164°11'
09.11.2037	226°55'	247°19'	254°27'	247°00'	272°50'	61°09'	119°42'	164°16'
10.11.2037	227°56'	261°27'	268°21'	248°21'	273°42'	60°48'	119°43'	164°21'
11.11.2037	228°56'	275°08'	281°48'	249°40'	274°33'	60°27'	119°44'	164°25'
12.11.2037	229°56'	288°21'	294°47'	250°58'	275°23'	60°05'	119°45'	164°30'
13.11.2037	230°57'	301°08'	307°24'	252°14'	276°13'	59°43'	119°46'	164°34'
14.11.2037	231°57'	313°34'	319°41'	253°29'	277°02'	59°22'	119°47'	164°39'
15.11.2037	232°57'	325°44'	331°44'	254°42'	277°49'	58°59'	119°47'	164°43'
16.11.2037	233°58'	337°42'	343°39'	255°53'	278°36'	58°37'	119°47'	164°47'
17.11.2037	234°58'	349°34'	355°30'	257°02'	279°23'	58°15'	119°47'	164°51'
18.11.2037	235°59'	1°25'	7°21'	258°08'	280°08'	57°53'	119°47'	164°55'
19.11.2037	236°59'	13°18'	19°17'	259°12'	280°52'	57°31'	119°46'	164°59'
20.11.2037	238°00'	25°18'	31°20'	260°12'	281°35'	57°09'	119°46'	165°03'
21.11.2037	239°00'	37°25'	43°33'	261°08'	282°17'	56°47'	119°45'	165°07'
22.11.2037	240°01'	49°43'	55°56'	262°00'	282°58'	56°25'	119°44'	165°10'
23.11.2037	241°01'	62°11'	68°29'	262°48'	283°38'	56°04'	119°42'	165°14'
24.11.2037	242°02'	74°50'	81°14'	263°30'	284°17'	55°43'	119°41'	165°17'
25.11.2037	243°03'	87°40'	94°10'	264°06'	284°54'	55°22'	119°39'	165°21'
26.11.2037	244°03'	100°42'	107°17'	264°35'	285°30'	55°02'	119°37'	165°24'
27.11.2037	245°04'	113°55'	120°36'	264°56'	286°05'	54°42'	119°35'	165°27'
28.11.2037	246°05'	127°20'	134°07'	265°09'	286°38'	54°23'	119°33'	165°30'
29.11.2037	247°06'	140°57'	147°51'	265°13'	287°10'	54°04'	119°31'	165°33'
30.11.2037	248°06'	154°48'	161°49'	265°08'	287°40'	53°46'	119°28'	165°36'
01.12.2037	249°07'	168°52'	176°00'	264°51'	288°09'	53°28'	119°25'	165°39'
02.12.2037	250°08'	183°10'	190°22'	264°24'	288°36'	53°11'	119°22'	165°42'
03.12.2037	251°09'	197°37'	204°53'	263°45'	289°02'	52°55'	119°19'	165°44'
04.12.2037	252°10'	212°10'	219°27'	262°56'	289°25'	52°39'	119°15'	165°47'
05.12.2037	253°11'	226°43'	233°58'	261°56'	289°47'	52°24'	119°12'	165°49'
06.12.2037	254°11'	241°10'	248°19'	260°48'	290°07'	52°09'	119°08'	165°52'
07.12.2037	255°12'	255°24'	262°25'	259°32'	290°25'	51°56'	119°04'	165°54'
08.12.2037	256°13'	269°20'	276°10'	258°11'	290°41'	51°43'	119°00'	165°56'
09.12.2037	257°14'	282°55'	289°33'	256°49'	290°55'	51°31'	118°56'	165°58'
10.12.2037	258°15'	296°06'	302°34'	255°26'	291°07'	51°19'	118°51'	166°00'
11.12.2037	259°16'	308°55'	315°12'	254°07'	291°16'	51°09'	118°46'	166°01'
12.12.2037	260°17'	321°25'	327°33'	252°54'	291°23'	50°59'	118°41'	166°03'
13.12.2037	261°18'	333°38'	339°39'	251°49'	291°28'	50°50'	118°36'	166°05'
14.12.2037	262°19'	345°39'	351°36'	250°53'	291°31'	50°42'	118°31'	166°06'
15.12.2037	263°20'	357°33'	3°29'	250°08'	291°31'	50°35'	118°26'	166°07'
16.12.2037	264°21'	9°25'	15°21'	249°34'	291°29'	50°29'	118°20'	166°09'

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17.12.2037	265°22'	21°19'	27°19'	249°11'	291°24'	50°23'	118°15'	166°10'
18.12.2037	266°23'	33°20'	39°25'	248°59'	291°16'	50°19'	118°09'	166°11'
19.12.2037	267°24'	45°32'	51°43'	248°57'	291°06'	50°15'	118°03'	166°12'
20.12.2037	268°26'	57°58'	64°16'	249°05'	290°54'	50°12'	117°57'	166°12'
21.12.2037	269°27'	70°38'	77°04'	249°22'	290°39'	50°10'	117°51'	166°13'
22.12.2037	270°28'	83°34'	90°08'	249°46'	290°22'	50°08'	117°44'	166°14'
23.12.2037	271°29'	96°46'	103°27'	250°19'	290°02'	50°08'	117°38'	166°14'
24.12.2037	272°30'	110°12'	117°00'	250°57'	289°40'	50°08'	117°31'	166°14'
25.12.2037	273°31'	123°51'	130°44'	251°42'	289°16'	50°09'	117°24'	166°15'
26.12.2037	274°32'	137°40'	144°39'	252°31'	288°49'	50°11'	117°17'	166°15'
27.12.2037	275°33'	151°39'	158°40'	253°26'	288°21'	50°13'	117°10'	166°15'
28.12.2037	276°34'	165°43'	172°47'	254°24'	287°51'	50°16'	117°03'	166°15'
29.12.2037	277°35'	179°52'	186°57'	255°26'	287°20'	50°20'	116°56'	166°14'
30.12.2037	278°37'	194°03'	201°09'	256°31'	286°46'	50°25'	116°49'	166°14'
31.12.2037	279°38'	208°14'	215°19'	257°39'	286°12'	50°30'	116°42'	166°14'
01.01.2038	280°39'	222°23'	229°26'	258°49'	285°37'	50°36'	116°34'	166°13'
02.01.2038	281°40'	236°28'	243°27'	260°01'	285°01'	50°43'	116°26'	166°12'
03.01.2038	282°41'	250°24'	257°18'	261°16'	284°25'	50°51'	116°19'	166°12'
04.01.2038	283°42'	264°10'	270°58'	262°32'	283°48'	50°59'	116°11'	166°11'
05.01.2038	284°44'	277°42'	284°22'	263°50'	283°12'	51°08'	116°03'	166°10'
06.01.2038	285°45'	290°59'	297°31'	265°09'	282°35'	51°17'	115°56'	166°09'
07.01.2038	286°46'	303°59'	310°22'	266°29'	282°00'	51°27'	115°48'	166°07'
08.01.2038	287°47'	316°42'	322°57'	267°51'	281°24'	51°38'	115°40'	166°06'
09.01.2038	288°48'	329°09'	335°17'	269°13'	280°50'	51°49'	115°32'	166°05'
10.01.2038	289°49'	341°22'	347°24'	270°37'	280°18'	52°01'	115°24'	166°03'
11.01.2038	290°51'	353°24'	359°22'	272°01'	279°46'	52°14'	115°16'	166°01'
12.01.2038	291°52'	5°19'	11°16'	273°26'	279°16'	52°27'	115°08'	166°00'
13.01.2038	292°53'	17°12'	23°08'	274°52'	278°48'	52°40'	115°00'	165°58'
14.01.2038	293°54'	29°05'	35°05'	276°19'	278°22'	52°54'	114°51'	165°56'
15.01.2038	294°55'	41°06'	47°10'	277°46'	277°58'	53°09'	114°43'	165°54'
16.01.2038	295°56'	53°17'	59°29'	279°14'	277°36'	53°24'	114°35'	165°52'
17.01.2038	296°57'	65°44'	72°04'	280°43'	277°17'	53°40'	114°27'	165°49'
18.01.2038	297°58'	78°29'	85°00'	282°12'	277°00'	53°56'	114°19'	165°47'
19.01.2038	298°59'	91°36'	98°17'	283°42'	276°45'	54°13'	114°11'	165°45'
20.01.2038	300°00'	105°03'	111°55'	285°13'	276°33'	54°30'	114°03'	165°42'
21.01.2038	301°01'	118°52'	125°53'	286°44'	276°23'	54°48'	113°55'	165°40'
22.01.2038	302°03'	132°58'	140°06'	288°15'	276°16'	55°06'	113°47'	165°37'
23.01.2038	303°04'	147°18'	154°31'	289°48'	276°11'	55°24'	113°39'	165°34'
24.01.2038	304°05'	161°46'	169°01'	291°21'	276°09'	55°43'	113°32'	165°31'
25.01.2038	305°06'	176°16'	183°31'	292°54'	276°09'	56°03'	113°24'	165°28'
26.01.2038	306°07'	190°44'	197°55'	294°28'	276°11'	56°22'	113°16'	165°25'
27.01.2038	307°08'	205°04'	212°10'	296°03'	276°16'	56°42'	113°08'	165°22'
28.01.2038	308°09'	219°13'	226°14'	297°38'	276°24'	57°03'	113°01'	165°19'
29.01.2038	309°09'	233°11'	240°05'	299°14'	276°33'	57°24'	112°53'	165°15'
30.01.2038	310°10'	246°55'	253°42'	300°51'	276°45'	57°45'	112°46'	165°12'
31.01.2038	311°11'	260°26'	267°07'	302°28'	276°59'	58°06'	112°39'	165°08'
01.02.2038	312°12'	273°45'	280°19'	304°06'	277°15'	58°28'	112°31'	165°05'
02.02.2038	313°13'	286°50'	293°19'	305°45'	277°33'	58°51'	112°24'	165°01'
03.02.2038	314°14'	299°44'	306°06'	307°24'	277°53'	59°13'	112°17'	164°57'
04.02.2038	315°15'	312°25'	318°42'	309°05'	278°15'	59°36'	112°10'	164°54'
05.02.2038	316°16'	324°55'	331°06'	310°45'	278°39'	59°59'	112°03'	164°50'
06.02.2038	317°17'	337°14'	343°19'	312°27'	279°05'	60°23'	111°57'	164°46'
07.02.2038	318°18'	349°23'	355°24'	314°09'	279°32'	60°47'	111°50'	164°42'
08.02.2038	319°18'	1°23'	7°21'	315°53'	280°01'	61°11'	111°44'	164°38'
09.02.2038	320°19'	13°17'	19°13'	317°37'	280°31'	61°36'	111°37'	164°34'

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10.02.2038	321°20'	25°09'	31°04'	319°21'	281°03'	62°00'	111°31'	164°29'
11.02.2038	322°21'	37°01'	42°59'	321°07'	281°36'	62°25'	111°25'	164°25'
12.02.2038	323°21'	48°59'	55°01'	322°53'	282°11'	62°51'	111°19'	164°21'
13.02.2038	324°22'	61°07'	67°16'	324°40'	282°47'	63°16'	111°14'	164°17'
14.02.2038	325°23'	73°30'	79°48'	326°28'	283°25'	63°42'	111°08'	164°12'
15.02.2038	326°23'	86°12'	92°42'	328°17'	284°03'	64°08'	111°03'	164°08'
16.02.2038	327°24'	99°18'	106°01'	330°06'	284°43'	64°34'	110°57'	164°03'
17.02.2038	328°24'	112°50'	119°47'	331°56'	285°24'	65°01'	110°52'	163°59'
18.02.2038	329°25'	126°49'	133°58'	333°47'	286°06'	65°27'	110°47'	163°54'
19.02.2038	330°26'	141°13'	148°33'	335°38'	286°49'	65°54'	110°43'	163°50'
20.02.2038	331°26'	155°57'	163°24'	337°29'	287°33'	66°21'	110°38'	163°45'
21.02.2038	332°26'	170°53'	178°22'	339°21'	288°18'	66°49'	110°34'	163°41'
22.02.2038	333°27'	185°52'	193°20'	341°14'	289°05'	67°16'	110°29'	163°36'
23.02.2038	334°27'	200°45'	208°07'	343°06'	289°51'	67°44'	110°25'	163°31'
24.02.2038	335°28'	215°25'	222°39'	344°58'	290°39'	68°12'	110°21'	163°26'
25.02.2038	336°28'	229°47'	236°50'	346°50'	291°28'	68°40'	110°18'	163°22'
26.02.2038	337°28'	243°47'	250°39'	348°41'	292°18'	69°08'	110°14'	163°17'
27.02.2038	338°29'	257°26'	264°07'	350°32'	293°08'	69°37'	110°11'	163°12'
28.02.2038	339°29'	270°44'	277°17'	352°21'	293°59'	70°06'	110°08'	163°07'
01.03.2038	340°29'	283°45'	290°10'	354°08'	294°51'	70°34'	110°05'	163°03'
02.03.2038	341°30'	296°31'	302°50'	355°53'	295°43'	71°03'	110°02'	162°58'
03.03.2038	342°30'	309°05'	315°18'	357°36'	296°36'	71°33'	109°59'	162°53'
04.03.2038	343°30'	321°29'	327°37'	359°16'	297°30'	72°02'	109°57'	162°48'
05.03.2038	344°30'	333°43'	339°48'	0°52'	298°24'	72°31'	109°55'	162°43'
06.03.2038	345°30'	345°51'	351°52'	2°24'	299°19'	73°01'	109°53'	162°39'
07.03.2038	346°30'	357°52'	3°51'	3°51'	300°14'	73°31'	109°51'	162°34'
08.03.2038	347°30'	9°48'	15°45'	5°13'	301°10'	74°01'	109°49'	162°29'
09.03.2038	348°30'	21°41'	27°37'	6°29'	302°06'	74°31'	109°48'	162°24'
10.03.2038	349°30'	33°32'	39°28'	7°39'	303°03'	75°01'	109°47'	162°20'
11.03.2038	350°30'	45°24'	51°21'	8°42'	304°01'	75°32'	109°45'	162°15'
12.03.2038	351°30'	57°21'	63°22'	9°38'	304°59'	76°02'	109°45'	162°10'
13.03.2038	352°30'	69°26'	75°33'	10°26'	305°57'	76°33'	109°44'	162°05'
14.03.2038	353°30'	81°44'	88°00'	11°06'	306°56'	77°04'	109°44'	162°01'
15.03.2038	354°30'	94°21'	100°48'	11°37'	307°55'	77°35'	109°43'	161°56'
16.03.2038	355°30'	107°21'	114°00'	12°01'	308°54'	78°06'	109°43'	161°51'
17.03.2038	356°29'	120°48'	127°42'	12°16'	309°54'	78°37'	109°43'	161°47'
18.03.2038	357°29'	134°44'	141°53'	12°22'	310°54'	79°08'	109°44'	161°42'
19.03.2038	358°29'	149°10'	156°33'	12°20'	311°55'	79°39'	109°44'	161°38'
20.03.2038	359°28'	164°01'	171°34'	12°10'	312°56'	80°11'	109°45'	161°33'
21.03.2038	0°28'	179°11'	186°50'	11°52'	313°57'	80°42'	109°46'	161°29'
22.03.2038	1°28'	194°29'	202°07'	11°27'	314°59'	81°14'	109°47'	161°25'
23.03.2038	2°27'	209°44'	217°16'	10°55'	316°01'	81°46'	109°48'	161°20'
24.03.2038	3°27'	224°44'	232°07'	10°18'	317°03'	82°18'	109°50'	161°16'
25.03.2038	4°26'	239°23'	246°33'	9°36'	318°06'	82°50'	109°52'	161°12'
26.03.2038	5°26'	253°35'	260°31'	8°49'	319°09'	83°22'	109°53'	161°08'
27.03.2038	6°25'	267°20'	274°03'	8°00'	320°12'	83°54'	109°55'	161°04'
28.03.2038	7°24'	280°39'	287°10'	7°09'	321°15'	84°26'	109°58'	160°59'
29.03.2038	8°24'	293°35'	299°56'	6°17'	322°19'	84°58'	110°00'	160°55'
30.03.2038	9°23'	306°13'	312°26'	5°26'	323°23'	85°31'	110°03'	160°52'
31.03.2038	10°22'	318°35'	324°42'	4°36'	324°27'	86°03'	110°05'	160°48'
01.04.2038	11°22'	330°47'	336°50'	3°48'	325°31'	86°36'	110°08'	160°44'
02.04.2038	12°21'	342°51'	348°51'	3°03'	326°36'	87°09'	110°12'	160°40'
03.04.2038	13°20'	354°49'	0°47'	2°21'	327°41'	87°41'	110°15'	160°36'
04.04.2038	14°19'	6°44'	12°40'	1°44'	328°46'	88°14'	110°18'	160°33'
05.04.2038	15°18'	18°37'	24°33'	1°12'	329°51'	88°47'	110°22'	160°29'

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06.04.2038	16°18'	30°28'	36°24'	0°45'	330°56'	89°20'	110°26'	160°26'
07.04.2038	17°17'	42°21'	48°18'	0°23'	332°02'	89°53'	110°30'	160°23'
08.04.2038	18°16'	54°15'	60°14'	0°07'	333°07'	90°26'	110°34'	160°19'
09.04.2038	19°15'	66°15'	72°17'	359°56'	334°13'	91°00'	110°39'	160°16'
10.04.2038	20°14'	78°22'	84°30'	359°50'	335°19'	91°33'	110°43'	160°13'
11.04.2038	21°13'	90°41'	96°56'	359°50'	336°26'	92°06'	110°48'	160°10'
12.04.2038	22°11'	103°15'	109°40'	359°55'	337°32'	92°40'	110°53'	160°07'
13.04.2038	23°10'	116°10'	122°47'	0°06'	338°39'	93°13'	110°58'	160°04'
14.04.2038	24°09'	129°30'	136°20'	0°21'	339°45'	93°47'	111°03'	160°01'
15.04.2038	25°08'	143°18'	150°22'	0°41'	340°52'	94°20'	111°08'	159°59'
16.04.2038	26°07'	157°34'	164°53'	1°06'	341°59'	94°54'	111°14'	159°56'
17.04.2038	27°05'	172°18'	179°48'	1°35'	343°06'	95°28'	111°20'	159°54'
18.04.2038	28°04'	187°23'	195°01'	2°08'	344°14'	96°01'	111°25'	159°51'
19.04.2038	29°03'	202°42'	210°22'	2°46'	345°21'	96°35'	111°31'	159°49'
20.04.2038	30°01'	218°02'	225°39'	3°27'	346°29'	97°09'	111°37'	159°47'
21.04.2038	31°00'	233°12'	240°40'	4°12'	347°36'	97°43'	111°44'	159°45'
22.04.2038	31°58'	248°02'	255°18'	5°00'	348°44'	98°17'	111°50'	159°43'
23.04.2038	32°57'	262°26'	269°27'	5°52'	349°52'	98°51'	111°57'	159°41'
24.04.2038	33°55'	276°21'	283°08'	6°47'	351°00'	99°25'	112°03'	159°39'
25.04.2038	34°54'	289°48'	296°21'	7°44'	352°08'	100°00'	112°10'	159°37'
26.04.2038	35°52'	302°48'	309°09'	8°45'	353°16'	100°34'	112°17'	159°35'
27.04.2038	36°51'	315°26'	321°38'	9°49'	354°25'	101°08'	112°24'	159°34'
28.04.2038	37°49'	327°47'	333°52'	10°55'	355°33'	101°42'	112°32'	159°32'
29.04.2038	38°47'	339°54'	345°55'	12°04'	356°42'	102°17'	112°39'	159°31'
30.04.2038	39°46'	351°53'	357°51'	13°15'	357°50'	102°51'	112°47'	159°30'
01.05.2038	40°44'	3°47'	9°43'	14°29'	358°59'	103°26'	112°54'	159°29'
02.05.2038	41°42'	15°38'	21°34'	15°45'	0°08'	104°00'	113°02'	159°28'
03.05.2038	42°40'	27°30'	33°26'	17°03'	1°17'	104°35'	113°10'	159°27'
04.05.2038	43°39'	39°23'	45°21'	18°24'	2°26'	105°09'	113°18'	159°26'
05.05.2038	44°37'	51°20'	57°20'	19°47'	3°35'	105°44'	113°26'	159°25'
06.05.2038	45°35'	63°21'	69°24'	21°11'	4°44'	106°19'	113°35'	159°25'
07.05.2038	46°33'	75°29'	81°36'	22°38'	5°53'	106°53'	113°43'	159°24'
08.05.2038	47°31'	87°45'	93°57'	24°08'	7°02'	107°28'	113°52'	159°24'
09.05.2038	48°29'	100°12'	106°30'	25°39'	8°12'	108°03'	114°00'	159°23'
10.05.2038	49°27'	112°53'	119°19'	27°12'	9°21'	108°38'	114°09'	159°23'
11.05.2038	50°25'	125°50'	132°27'	28°47'	10°31'	109°13'	114°18'	159°23'
12.05.2038	51°23'	139°08'	145°56'	30°24'	11°40'	109°48'	114°27'	159°23'
13.05.2038	52°21'	152°49'	159°49'	32°04'	12°50'	110°23'	114°36'	159°23'
14.05.2038	53°19'	166°55'	174°06'	33°45'	14°00'	110°58'	114°45'	159°24'
15.05.2038	54°17'	181°24'	188°46'	35°28'	15°09'	111°33'	114°55'	159°24'
16.05.2038	55°15'	196°13'	203°43'	37°14'	16°19'	112°08'	115°04'	159°24'
17.05.2038	56°13'	211°15'	218°49'	39°01'	17°29'	112°43'	115°13'	159°25'
18.05.2038	57°11'	226°22'	233°55'	40°50'	18°39'	113°18'	115°23'	159°26'
19.05.2038	58°08'	241°25'	248°51'	42°42'	19°49'	113°53'	115°33'	159°26'
20.05.2038	59°06'	256°12'	263°28'	44°35'	20°59'	114°29'	115°43'	159°27'
21.05.2038	60°04'	270°38'	277°42'	46°31'	22°09'	115°04'	115°53'	159°28'
22.05.2038	61°02'	284°39'	291°28'	48°28'	23°19'	115°39'	116°03'	159°29'
23.05.2038	61°59'	298°11'	304°48'	50°28'	24°30'	116°14'	116°13'	159°30'
24.05.2038	62°57'	311°18'	317°42'	52°29'	25°40'	116°50'	116°23'	159°32'
25.05.2038	63°55'	324°01'	330°15'	54°32'	26°50'	117°25'	116°33'	159°33'
26.05.2038	64°52'	336°25'	342°31'	56°36'	28°01'	118°01'	116°44'	159°34'
27.05.2038	65°50'	348°34'	354°34'	58°43'	29°11'	118°36'	116°54'	159°36'
28.05.2038	66°47'	0°33'	6°30'	60°51'	30°22'	119°12'	117°05'	159°38'
29.05.2038	67°45'	12°26'	18°22'	63°00'	31°32'	119°47'	117°15'	159°39'
30.05.2038	68°43'	24°17'	30°13'	65°10'	32°43'	120°23'	117°26'	159°41'

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31.05.2038	69°40'	36°10'	42°08'	67°21'	33°54'	120°58'	117°37'	159°43'
01.06.2038	70°38'	48°07'	54°08'	69°32'	35°04'	121°34'	117°48'	159°45'
02.06.2038	71°35'	60°10'	66°15'	71°44'	36°15'	122°10'	117°59'	159°48'
03.06.2038	72°33'	72°21'	78°30'	73°57'	37°26'	122°45'	118°10'	159°50'
04.06.2038	73°30'	84°42'	90°56'	76°08'	38°37'	123°21'	118°21'	159°52'
05.06.2038	74°28'	97°13'	103°33'	78°20'	39°48'	123°57'	118°32'	159°55'
06.06.2038	75°25'	109°56'	116°22'	80°31'	40°59'	124°33'	118°43'	159°57'
07.06.2038	76°23'	122°52'	129°25'	82°41'	42°10'	125°09'	118°55'	160°00'
08.06.2038	77°20'	136°03'	142°44'	84°49'	43°21'	125°44'	119°06'	160°03'
09.06.2038	78°18'	149°29'	156°18'	86°56'	44°32'	126°20'	119°18'	160°06'
10.06.2038	79°15'	163°12'	170°10'	89°02'	45°43'	126°56'	119°29'	160°08'
11.06.2038	80°12'	177°12'	184°18'	91°06'	46°54'	127°32'	119°41'	160°12'
12.06.2038	81°10'	191°29'	198°42'	93°08'	48°05'	128°08'	119°52'	160°15'
13.06.2038	82°07'	205°59'	213°17'	95°07'	49°16'	128°44'	120°04'	160°18'
14.06.2038	83°04'	220°38'	228°00'	97°05'	50°27'	129°20'	120°16'	160°21'
15.06.2038	84°02'	235°21'	242°42'	99°01'	51°39'	129°56'	120°28'	160°25'
16.06.2038	84°59'	250°02'	257°18'	100°54'	52°50'	130°32'	120°40'	160°28'
17.06.2038	85°56'	264°32'	271°42'	102°45'	54°01'	131°09'	120°52'	160°32'
18.06.2038	86°54'	278°46'	285°46'	104°34'	55°13'	131°45'	121°04'	160°35'
19.06.2038	87°51'	292°41'	299°29'	106°20'	56°24'	132°21'	121°16'	160°39'
20.06.2038	88°48'	306°12'	312°49'	108°04'	57°36'	132°57'	121°28'	160°43'
21.06.2038	89°45'	319°20'	325°46'	109°45'	58°47'	133°33'	121°40'	160°47'
22.06.2038	90°43'	332°06'	338°22'	111°24'	59°59'	134°10'	121°52'	160°51'
23.06.2038	91°40'	344°34'	350°41'	113°01'	61°10'	134°46'	122°05'	160°55'
24.06.2038	92°37'	356°46'	2°47'	114°35'	62°22'	135°22'	122°17'	160°59'
25.06.2038	93°34'	8°47'	14°44'	116°07'	63°33'	135°59'	122°29'	161°03'
26.06.2038	94°31'	20°41'	26°37'	117°37'	64°45'	136°35'	122°42'	161°08'
27.06.2038	95°29'	32°33'	38°30'	119°03'	65°57'	137°11'	122°54'	161°12'
28.06.2038	96°26'	44°28'	50°27'	120°28'	67°09'	137°48'	123°07'	161°16'
29.06.2038	97°23'	56°29'	62°32'	121°50'	68°20'	138°24'	123°19'	161°21'
30.06.2038	98°20'	68°38'	74°47'	123°09'	69°32'	139°01'	123°32'	161°26'
01.07.2038	99°18'	81°00'	87°16'	124°26'	70°44'	139°37'	123°44'	161°30'
02.07.2038	100°15'	93°35'	99°58'	125°40'	71°56'	140°14'	123°57'	161°35'
03.07.2038	101°12'	106°24'	112°55'	126°51'	73°08'	140°50'	124°10'	161°40'
04.07.2038	102°09'	119°29'	126°07'	128°00'	74°20'	141°27'	124°23'	161°45'
05.07.2038	103°07'	132°48'	139°32'	129°05'	75°32'	142°04'	124°35'	161°50'
06.07.2038	104°04'	146°20'	153°11'	130°08'	76°44'	142°40'	124°48'	161°55'
07.07.2038	105°01'	160°05'	167°02'	131°08'	77°56'	143°17'	125°01'	162°00'
08.07.2038	105°58'	174°01'	181°02'	132°04'	79°08'	143°54'	125°14'	162°05'
09.07.2038	106°55'	188°06'	195°11'	132°57'	80°21'	144°31'	125°27'	162°11'
10.07.2038	107°53'	202°18'	209°26'	133°47'	81°33'	145°07'	125°40'	162°16'
11.07.2038	108°50'	216°34'	223°44'	134°34'	82°45'	145°44'	125°53'	162°21'
12.07.2038	109°47'	230°53'	238°02'	135°16'	83°57'	146°21'	126°06'	162°27'
13.07.2038	110°44'	245°10'	252°18'	135°55'	85°10'	146°58'	126°19'	162°32'
14.07.2038	111°42'	259°23'	266°27'	136°31'	86°22'	147°35'	126°32'	162°38'
15.07.2038	112°39'	273°28'	280°25'	137°02'	87°34'	148°12'	126°45'	162°44'
16.07.2038	113°36'	287°20'	294°11'	137°28'	88°47'	148°49'	126°58'	162°49'
17.07.2038	114°33'	300°57'	307°40'	137°51'	89°59'	149°26'	127°11'	162°55'
18.07.2038	115°30'	314°18'	320°51'	138°09'	91°12'	150°03'	127°24'	163°01'
19.07.2038	116°28'	327°20'	333°44'	138°22'	92°24'	150°40'	127°37'	163°07'
20.07.2038	117°25'	340°03'	346°19'	138°31'	93°37'	151°17'	127°50'	163°13'
21.07.2038	118°22'	352°30'	358°38'	138°35'	94°49'	151°54'	128°03'	163°19'
22.07.2038	119°19'	4°43'	10°45'	138°34'	96°02'	152°31'	128°17'	163°25'
23.07.2038	120°17'	16°44'	22°42'	138°28'	97°15'	153°08'	128°30'	163°31'
24.07.2038	121°14'	28°39'	34°35'	138°17'	98°27'	153°46'	128°43'	163°37'

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25.07.2038	122°11'	40°32'	46°29'	138°01'	99°40'	154°23'	128°56'	163°44'
26.07.2038	123°09'	52°27'	58°27'	137°41'	100°53'	155°00'	129°09'	163°50'
27.07.2038	124°06'	64°29'	70°34'	137°16'	102°06'	155°37'	129°23'	163°56'
28.07.2038	125°03'	76°43'	82°55'	136°46'	103°19'	156°15'	129°36'	164°03'
29.07.2038	126°01'	89°12'	95°33'	136°13'	104°32'	156°52'	129°49'	164°09'
30.07.2038	126°58'	101°59'	108°30'	135°36'	105°45'	157°30'	130°02'	164°15'
31.07.2038	127°55'	115°05'	121°46'	134°56'	106°57'	158°07'	130°16'	164°22'
01.08.2038	128°53'	128°31'	135°22'	134°13'	108°11'	158°44'	130°29'	164°29'
02.08.2038	129°50'	142°16'	149°14'	133°29'	109°24'	159°22'	130°42'	164°35'
03.08.2038	130°48'	156°16'	163°20'	132°43'	110°37'	159°59'	130°55'	164°42'
04.08.2038	131°45'	170°27'	177°35'	131°58'	111°50'	160°37'	131°09'	164°48'
05.08.2038	132°43'	184°45'	191°54'	131°13'	113°03'	161°15'	131°22'	164°55'
06.08.2038	133°40'	199°04'	206°14'	130°29'	114°16'	161°52'	131°35'	165°02'
07.08.2038	134°38'	213°22'	220°30'	129°48'	115°29'	162°30'	131°48'	165°09'
08.08.2038	135°35'	227°35'	234°39'	129°10'	116°43'	163°08'	132°02'	165°16'
09.08.2038	136°33'	241°41'	248°41'	128°35'	117°56'	163°45'	132°15'	165°23'
10.08.2038	137°30'	255°39'	262°34'	128°05'	119°09'	164°23'	132°28'	165°29'
11.08.2038	138°28'	269°27'	276°17'	127°41'	120°23'	165°01'	132°41'	165°36'
12.08.2038	139°25'	283°05'	289°50'	127°22'	121°36'	165°39'	132°54'	165°43'
13.08.2038	140°23'	296°32'	303°11'	127°09'	122°50'	166°16'	133°08'	165°50'
14.08.2038	141°20'	309°47'	316°20'	127°03'	124°03'	166°54'	133°21'	165°58'
15.08.2038	142°18'	322°49'	329°15'	127°04'	125°17'	167°32'	133°34'	166°05'
16.08.2038	143°16'	335°38'	341°57'	127°12'	126°30'	168°10'	133°47'	166°12'
17.08.2038	144°13'	348°13'	354°25'	127°28'	127°44'	168°48'	134°00'	166°19'
18.08.2038	145°11'	0°34'	6°40'	127°50'	128°57'	169°26'	134°13'	166°26'
19.08.2038	146°09'	12°43'	18°44'	128°21'	130°11'	170°04'	134°26'	166°33'
20.08.2038	147°06'	24°43'	30°40'	128°58'	131°25'	170°42'	134°40'	166°40'
21.08.2038	148°04'	36°37'	42°32'	129°42'	132°38'	171°20'	134°53'	166°48'
22.08.2038	149°02'	48°28'	54°24'	130°34'	133°52'	171°58'	135°06'	166°55'
23.08.2038	150°00'	60°21'	66°21'	131°33'	135°06'	172°37'	135°19'	167°02'
24.08.2038	150°57'	72°22'	78°27'	132°38'	136°20'	173°15'	135°32'	167°10'
25.08.2038	151°55'	84°36'	90°49'	133°49'	137°34'	173°53'	135°45'	167°17'
26.08.2038	152°53'	97°07'	103°30'	135°06'	138°48'	174°31'	135°58'	167°24'
27.08.2038	153°51'	109°59'	116°35'	136°29'	140°02'	175°10'	136°11'	167°32'
28.08.2038	154°49'	123°16'	130°04'	137°58'	141°16'	175°48'	136°23'	167°39'
29.08.2038	155°47'	136°58'	143°58'	139°31'	142°30'	176°26'	136°36'	167°46'
30.08.2038	156°45'	151°03'	158°14'	141°08'	143°44'	177°05'	136°49'	167°54'
31.08.2038	157°43'	165°29'	172°47'	142°49'	144°58'	177°43'	137°02'	168°01'
01.09.2038	158°41'	180°07'	187°29'	144°33'	146°12'	178°22'	137°15'	168°09'
02.09.2038	159°39'	194°51'	202°13'	146°20'	147°26'	179°00'	137°27'	168°16'
03.09.2038	160°37'	209°34'	216°52'	148°10'	148°40'	179°39'	137°40'	168°24'
04.09.2038	161°35'	224°07'	231°19'	150°01'	149°54'	180°18'	137°53'	168°31'
05.09.2038	162°33'	238°27'	245°32'	151°55'	151°08'	180°56'	138°05'	168°39'
06.09.2038	163°32'	252°32'	259°28'	153°49'	152°23'	181°35'	138°18'	168°46'
07.09.2038	164°30'	266°20'	273°08'	155°44'	153°37'	182°14'	138°30'	168°54'
08.09.2038	165°28'	279°52'	286°33'	157°39'	154°51'	182°52'	138°43'	169°01'
09.09.2038	166°26'	293°11'	299°45'	159°35'	156°06'	183°31'	138°55'	169°09'
10.09.2038	167°25'	306°16'	312°44'	161°30'	157°20'	184°10'	139°08'	169°16'
11.09.2038	168°23'	319°10'	325°32'	163°26'	158°34'	184°49'	139°20'	169°24'
12.09.2038	169°21'	331°52'	338°10'	165°21'	159°49'	185°28'	139°32'	169°31'
13.09.2038	170°19'	344°25'	350°37'	167°15'	161°03'	186°07'	139°45'	169°39'
14.09.2038	171°18'	356°47'	2°54'	169°09'	162°18'	186°46'	139°57'	169°46'
15.09.2038	172°16'	8°59'	15°02'	171°02'	163°32'	187°25'	140°09'	169°54'
16.09.2038	173°15'	21°02'	27°01'	172°54'	164°47'	188°04'	140°21'	170°01'
17.09.2038	174°13'	32°58'	38°54'	174°45'	166°01'	188°43'	140°33'	170°09'

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18.09.2038	175°12'	44°49'	50°44'	176°36'	167°16'	189°22'	140°45'	170°16'
19.09.2038	176°10'	56°39'	62°34'	178°25'	168°30'	190°01'	140°57'	170°24'
20.09.2038	177°09'	68°30'	74°28'	180°13'	169°45'	190°40'	141°09'	170°31'
21.09.2038	178°07'	80°28'	86°32'	182°01'	171°00'	191°20'	141°21'	170°39'
22.09.2038	179°06'	92°39'	98°51'	183°47'	172°14'	191°59'	141°32'	170°46'
23.09.2038	180°05'	105°07'	111°29'	185°32'	173°29'	192°38'	141°44'	170°54'
24.09.2038	181°04'	117°58'	124°33'	187°17'	174°44'	193°18'	141°56'	171°01'
25.09.2038	182°02'	131°15'	138°05'	189°00'	175°58'	193°57'	142°07'	171°09'
26.09.2038	183°01'	145°02'	152°06'	190°42'	177°13'	194°37'	142°19'	171°16'
27.09.2038	184°00'	159°17'	166°34'	192°24'	178°28'	195°16'	142°30'	171°23'
28.09.2038	184°59'	173°57'	181°24'	194°05'	179°43'	195°56'	142°42'	171°31'
29.09.2038	185°58'	188°55'	196°28'	195°44'	180°57'	196°35'	142°53'	171°38'
30.09.2038	186°57'	204°02'	211°35'	197°23'	182°12'	197°15'	143°04'	171°46'
01.10.2038	187°56'	219°07'	226°36'	199°01'	183°27'	197°54'	143°15'	171°53'
02.10.2038	188°55'	234°01'	241°21'	200°38'	184°42'	198°34'	143°26'	172°00'
03.10.2038	189°54'	248°37'	255°46'	202°14'	185°57'	199°14'	143°37'	172°08'
04.10.2038	190°53'	262°50'	269°48'	203°49'	187°12'	199°54'	143°48'	172°15'
05.10.2038	191°52'	276°41'	283°28'	205°24'	188°27'	200°34'	143°59'	172°22'
06.10.2038	192°51'	290°09'	296°46'	206°57'	189°42'	201°13'	144°10'	172°29'
07.10.2038	193°50'	303°18'	309°46'	208°30'	190°57'	201°53'	144°20'	172°36'
08.10.2038	194°49'	316°11'	322°31'	210°02'	192°12'	202°33'	144°31'	172°44'
09.10.2038	195°48'	328°49'	335°04'	211°33'	193°27'	203°13'	144°41'	172°51'
10.10.2038	196°48'	341°16'	347°26'	213°04'	194°41'	203°53'	144°51'	172°58'
11.10.2038	197°47'	353°33'	359°39'	214°34'	195°56'	204°33'	145°02'	173°05'
12.10.2038	198°46'	5°43'	11°45'	216°03'	197°11'	205°14'	145°12'	173°12'
13.10.2038	199°46'	17°46'	23°45'	217°31'	198°26'	205°54'	145°22'	173°19'
14.10.2038	200°45'	29°42'	35°39'	218°58'	199°41'	206°34'	145°32'	173°26'
15.10.2038	201°44'	41°35'	47°30'	220°25'	200°57'	207°14'	145°42'	173°33'
16.10.2038	202°44'	53°24'	59°19'	221°50'	202°12'	207°54'	145°52'	173°40'
17.10.2038	203°43'	65°13'	71°09'	223°15'	203°27'	208°35'	146°01'	173°47'
18.10.2038	204°43'	77°05'	83°03'	224°39'	204°42'	209°15'	146°11'	173°54'
19.10.2038	205°42'	89°03'	95°06'	226°03'	205°57'	209°56'	146°20'	174°00'
20.10.2038	206°42'	101°12'	107°22'	227°25'	207°12'	210°36'	146°30'	174°07'
21.10.2038	207°42'	113°37'	119°57'	228°46'	208°27'	211°17'	146°39'	174°14'
22.10.2038	208°41'	126°23'	132°55'	230°06'	209°42'	211°57'	146°48'	174°21'
23.10.2038	209°41'	139°35'	146°21'	231°25'	210°57'	212°38'	146°57'	174°27'
24.10.2038	210°41'	153°15'	160°17'	232°43'	212°12'	213°18'	147°06'	174°34'
25.10.2038	211°40'	167°26'	174°42'	234°00'	213°28'	213°59'	147°15'	174°40'
26.10.2038	212°40'	182°04'	189°33'	235°15'	214°43'	214°40'	147°23'	174°47'
27.10.2038	213°40'	197°06'	204°42'	236°29'	215°58'	215°21'	147°32'	174°53'
28.10.2038	214°40'	212°21'	220°00'	237°41'	217°13'	216°01'	147°40'	175°00'
29.10.2038	215°40'	227°39'	235°16'	238°52'	218°28'	216°42'	147°49'	175°06'
30.10.2038	216°40'	242°49'	250°18'	240°00'	219°43'	217°23'	147°57'	175°12'
31.10.2038	217°40'	257°41'	264°59'	241°06'	220°59'	218°04'	148°05'	175°18'
01.11.2038	218°40'	272°10'	279°14'	242°10'	222°14'	218°45'	148°13'	175°25'
02.11.2038	219°40'	286°12'	293°03'	243°11'	223°29'	219°26'	148°21'	175°31'
03.11.2038	220°40'	299°47'	306°26'	244°09'	224°44'	220°07'	148°28'	175°37'
04.11.2038	221°40'	312°58'	319°25'	245°04'	225°59'	220°49'	148°36'	175°43'
05.11.2038	222°40'	325°47'	332°05'	245°55'	227°15'	221°30'	148°43'	175°49'
06.11.2038	223°40'	338°19'	344°30'	246°42'	228°30'	222°11'	148°51'	175°55'
07.11.2038	224°40'	350°37'	356°42'	247°24'	229°45'	222°52'	148°58'	176°00'
08.11.2038	225°40'	2°45'	8°46'	248°01'	231°00'	223°34'	149°05'	176°06'
09.11.2038	226°41'	14°46'	20°44'	248°32'	232°15'	224°15'	149°11'	176°12'
10.11.2038	227°41'	26°41'	32°37'	248°56'	233°31'	224°56'	149°18'	176°18'
11.11.2038	228°41'	38°33'	44°28'	249°14'	234°46'	225°38'	149°25'	176°23'

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12.11.2038	229°41'	50°23'	56°19'	249°23'	236°01'	226°19'	149°31'	176°29'
13.11.2038	230°42'	62°14'	68°10'	249°24'	237°16'	227°01'	149°37'	176°34'
14.11.2038	231°42'	74°07'	80°05'	249°16'	238°32'	227°42'	149°43'	176°39'
15.11.2038	232°43'	86°04'	92°05'	248°58'	239°47'	228°24'	149°49'	176°45'
16.11.2038	233°43'	98°08'	104°13'	248°30'	241°02'	229°06'	149°55'	176°50'
17.11.2038	234°43'	110°22'	116°33'	247°52'	242°17'	229°48'	150°01'	176°55'
18.11.2038	235°44'	122°49'	129°09'	247°03'	243°33'	230°29'	150°06'	177°00'
19.11.2038	236°44'	135°34'	142°05'	246°05'	244°48'	231°11'	150°11'	177°05'
20.11.2038	237°45'	148°41'	155°24'	244°58'	246°03'	231°53'	150°16'	177°10'
21.11.2038	238°45'	162°13'	169°08'	243°45'	247°18'	232°35'	150°21'	177°15'
22.11.2038	239°46'	176°11'	183°20'	242°26'	248°34'	233°17'	150°26'	177°20'
23.11.2038	240°47'	190°35'	197°56'	241°04'	249°49'	233°59'	150°31'	177°24'
24.11.2038	241°47'	205°23'	212°53'	239°43'	251°04'	234°41'	150°35'	177°29'
25.11.2038	242°48'	220°27'	228°03'	238°24'	252°19'	235°23'	150°39'	177°33'
26.11.2038	243°49'	235°40'	243°16'	237°11'	253°35'	236°05'	150°44'	177°38'
27.11.2038	244°49'	250°50'	258°22'	236°05'	254°50'	236°48'	150°48'	177°42'
28.11.2038	245°50'	265°49'	273°12'	235°09'	256°05'	237°30'	150°51'	177°46'
29.11.2038	246°51'	280°28'	287°38'	234°24'	257°20'	238°12'	150°55'	177°51'
30.11.2038	247°52'	294°42'	301°39'	233°49'	258°36'	238°54'	150°58'	177°55'
01.12.2038	248°52'	308°28'	315°12'	233°27'	259°51'	239°37'	151°01'	177°59'
02.12.2038	249°53'	321°48'	328°18'	233°16'	261°06'	240°19'	151°04'	178°03'
03.12.2038	250°54'	334°43'	341°02'	233°15'	262°22'	241°02'	151°07'	178°06'
04.12.2038	251°55'	347°17'	353°27'	233°25'	263°37'	241°44'	151°10'	178°10'
05.12.2038	252°56'	359°34'	5°37'	233°45'	264°52'	242°27'	151°12'	178°14'
06.12.2038	253°57'	11°38'	17°37'	234°13'	266°07'	243°09'	151°15'	178°17'
07.12.2038	254°58'	23°34'	29°30'	234°49'	267°23'	243°52'	151°17'	178°21'
08.12.2038	255°58'	35°25'	41°20'	235°32'	268°38'	244°35'	151°19'	178°24'
09.12.2038	256°59'	47°15'	53°10'	236°20'	269°53'	245°18'	151°20'	178°27'
10.12.2038	258°00'	59°06'	65°03'	237°15'	271°08'	246°00'	151°22'	178°31'
11.12.2038	259°01'	71°01'	77°00'	238°14'	272°24'	246°43'	151°23'	178°34'
12.12.2038	260°02'	83°01'	89°04'	239°17'	273°39'	247°26'	151°24'	178°37'
13.12.2038	261°03'	95°09'	101°16'	240°23'	274°54'	248°09'	151°25'	178°40'
14.12.2038	262°04'	107°26'	113°38'	241°33'	276°09'	248°52'	151°26'	178°42'
15.12.2038	263°05'	119°53'	126°12'	242°46'	277°24'	249°35'	151°27'	178°45'
16.12.2038	264°06'	132°33'	138°59'	244°01'	278°40'	250°18'	151°27'	178°48'
17.12.2038	265°07'	145°28'	152°01'	245°18'	279°55'	251°01'	151°27'	178°50'
18.12.2038	266°08'	158°39'	165°21'	246°36'	281°10'	251°44'	151°27'	178°52'
19.12.2038	267°09'	172°08'	179°00'	247°57'	282°25'	252°28'	151°27'	178°55'
20.12.2038	268°10'	185°57'	192°59'	249°18'	283°40'	253°11'	151°26'	178°57'
21.12.2038	269°12'	200°05'	207°16'	250°41'	284°56'	253°54'	151°26'	178°59'
22.12.2038	270°13'	214°31'	221°50'	252°05'	286°11'	254°37'	151°25'	179°01'
23.12.2038	271°14'	229°12'	236°36'	253°30'	287°26'	255°21'	151°24'	179°03'
24.12.2038	272°15'	244°02'	251°28'	254°56'	288°41'	256°04'	151°23'	179°04'
25.12.2038	273°16'	258°55'	266°19'	256°22'	289°56'	256°48'	151°21'	179°06'
26.12.2038	274°17'	273°42'	281°01'	257°49'	291°12'	257°31'	151°20'	179°08'
27.12.2038	275°18'	288°16'	295°27'	259°17'	292°27'	258°15'	151°18'	179°09'
28.12.2038	276°19'	302°32'	309°31'	260°45'	293°42'	258°59'	151°16'	179°10'
29.12.2038	277°21'	316°24'	323°10'	262°14'	294°57'	259°42'	151°14'	179°12'
30.12.2038	278°22'	329°51'	336°25'	263°43'	296°12'	260°26'	151°11'	179°13'
31.12.2038	279°23'	342°53'	349°15'	265°13'	297°27'	261°10'	151°09'	179°14'
01.01.2039	280°24'	355°33'	1°45'	266°43'	298°43'	261°53'	151°06'	179°14'
02.01.2039	281°25'	7°53'	13°57'	268°14'	299°58'	262°37'	151°03'	179°15'
03.01.2039	282°26'	19°59'	25°57'	269°44'	301°13'	263°21'	151°00'	179°16'
04.01.2039	283°28'	31°54'	37°49'	271°16'	302°28'	264°05'	150°57'	179°16'
05.01.2039	284°29'	43°44'	49°39'	272°47'	303°43'	264°49'	150°53'	179°17'

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06.01.2039	285°30'	55°34'	61°29'	274°19'	304°58'	265°33'	150°50'	179°17'
07.01.2039	286°31'	67°26'	73°25'	275°52'	306°13'	266°17'	150°46'	179°17'
08.01.2039	287°32'	79°26'	85°29'	277°25'	307°28'	267°01'	150°42'	179°18'
09.01.2039	288°33'	91°35'	97°44'	278°58'	308°43'	267°45'	150°37'	179°18'
10.01.2039	289°34'	103°56'	110°12'	280°32'	309°58'	268°29'	150°33'	179°17'
11.01.2039	290°35'	116°31'	122°53'	282°06'	311°13'	269°14'	150°29'	179°17'
12.01.2039	291°37'	129°19'	135°48'	283°40'	312°28'	269°58'	150°24'	179°17'
13.01.2039	292°38'	142°21'	148°57'	285°15'	313°43'	270°42'	150°19'	179°16'
14.01.2039	293°39'	155°36'	162°19'	286°50'	314°58'	271°26'	150°14'	179°16'
15.01.2039	294°40'	169°04'	175°53'	288°26'	316°13'	272°11'	150°09'	179°15'
16.01.2039	295°41'	182°44'	189°38'	290°03'	317°27'	272°55'	150°03'	179°14'
17.01.2039	296°42'	196°35'	203°35'	291°39'	318°42'	273°40'	149°58'	179°14'
18.01.2039	297°43'	210°36'	217°40'	293°17'	319°57'	274°24'	149°52'	179°13'
19.01.2039	298°44'	224°47'	231°55'	294°55'	321°12'	275°09'	149°46'	179°12'
20.01.2039	299°45'	239°04'	246°15'	296°33'	322°27'	275°53'	149°40'	179°10'
21.01.2039	300°46'	253°26'	260°39'	298°12'	323°42'	276°38'	149°34'	179°09'
22.01.2039	301°48'	267°51'	275°02'	299°52'	324°56'	277°23'	149°28'	179°08'
23.01.2039	302°49'	282°12'	289°20'	301°32'	326°11'	278°07'	149°22'	179°06'
24.01.2039	303°50'	296°26'	303°28'	303°13'	327°26'	278°52'	149°15'	179°05'
25.01.2039	304°51'	310°27'	317°21'	304°54'	328°41'	279°37'	149°09'	179°03'
26.01.2039	305°52'	324°11'	330°56'	306°36'	329°55'	280°22'	149°02'	179°01'
27.01.2039	306°53'	337°36'	344°10'	308°18'	331°10'	281°06'	148°55'	178°59'
28.01.2039	307°54'	350°39'	357°03'	310°01'	332°24'	281°51'	148°48'	178°57'
29.01.2039	308°55'	3°21'	9°35'	311°45'	333°39'	282°36'	148°41'	178°55'
30.01.2039	309°56'	15°44'	21°50'	313°29'	334°54'	283°21'	148°34'	178°53'
31.01.2039	310°57'	27°52'	33°51'	315°14'	336°08'	284°06'	148°27'	178°50'
01.02.2039	311°58'	39°49'	45°44'	317°00'	337°23'	284°51'	148°20'	178°48'
02.02.2039	312°59'	51°39'	57°33'	318°46'	338°37'	285°36'	148°12'	178°45'
03.02.2039	313°59'	63°28'	69°24'	320°32'	339°52'	286°21'	148°05'	178°43'
04.02.2039	315°00'	75°22'	81°21'	322°19'	341°06'	287°06'	147°57'	178°40'
05.02.2039	316°01'	87°24'	93°30'	324°05'	342°20'	287°52'	147°50'	178°37'
06.02.2039	317°02'	99°40'	105°53'	325°53'	343°35'	288°37'	147°42'	178°35'
07.02.2039	318°03'	112°12'	118°35'	327°40'	344°49'	289°22'	147°34'	178°32'
08.02.2039	319°03'	125°02'	131°35'	329°27'	346°03'	290°07'	147°26'	178°29'
09.02.2039	320°04'	138°12'	144°53'	331°14'	347°17'	290°53'	147°19'	178°25'
10.02.2039	321°05'	151°39'	158°29'	333°00'	348°31'	291°38'	147°11'	178°22'
11.02.2039	322°06'	165°22'	172°18'	334°45'	349°46'	292°23'	147°03'	178°19'
12.02.2039	323°06'	179°17'	186°17'	336°30'	351°00'	293°09'	146°55'	178°16'
13.02.2039	324°07'	193°20'	200°23'	338°13'	352°14'	293°54'	146°47'	178°12'
14.02.2039	325°08'	207°27'	214°31'	339°54'	353°28'	294°39'	146°39'	178°09'
15.02.2039	326°08'	221°36'	228°40'	341°33'	354°42'	295°25'	146°31'	178°05'
16.02.2039	327°09'	235°44'	242°47'	343°09'	355°55'	296°10'	146°23'	178°01'
17.02.2039	328°10'	249°49'	256°51'	344°42'	357°09'	296°56'	146°15'	177°58'
18.02.2039	329°10'	263°52'	270°52'	346°11'	358°23'	297°42'	146°07'	177°54'
19.02.2039	330°11'	277°51'	284°48'	347°36'	359°37'	298°27'	146°00'	177°50'
20.02.2039	331°11'	291°44'	298°38'	348°55'	0°51'	299°13'	145°52'	177°46'
21.02.2039	332°12'	305°30'	312°20'	350°09'	2°04'	299°59'	145°44'	177°42'
22.02.2039	333°12'	319°07'	325°51'	351°16'	3°18'	300°44'	145°36'	177°38'
23.02.2039	334°13'	332°32'	339°09'	352°16'	4°31'	301°30'	145°28'	177°34'
24.02.2039	335°13'	345°42'	352°11'	353°08'	5°45'	302°16'	145°20'	177°30'
25.02.2039	336°13'	358°35'	4°56'	353°52'	6°58'	303°01'	145°13'	177°26'
26.02.2039	337°14'	11°12'	17°25'	354°27'	8°12'	303°47'	145°05'	177°21'
27.02.2039	338°14'	23°33'	29°38'	354°53'	9°25'	304°33'	144°58'	177°17'
28.02.2039	339°15'	35°40'	41°39'	355°09'	10°39'	305°19'	144°50'	177°13'
01.03.2039	340°15'	47°36'	53°31'	355°16'	11°52'	306°05'	144°43'	177°08'

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02.03.2039	341°15'	59°26'	65°20'	355°13'	13°05'	306°51'	144°35'	177°04'
03.03.2039	342°15'	71°14'	77°10'	355°00'	14°18'	307°37'	144°28'	176°59'
04.03.2039	343°15'	83°07'	89°06'	354°38'	15°31'	308°23'	144°21'	176°55'
05.03.2039	344°16'	95°09'	101°16'	354°08'	16°44'	309°08'	144°14'	176°50'
06.03.2039	345°16'	107°26'	113°42'	353°30'	17°57'	309°54'	144°07'	176°46'
07.03.2039	346°16'	120°03'	126°30'	352°45'	19°10'	310°40'	144°00'	176°41'
08.03.2039	347°16'	133°03'	139°41'	351°55'	20°23'	311°26'	143°53'	176°36'
09.03.2039	348°16'	146°26'	153°17'	351°00'	21°35'	312°12'	143°46'	176°32'
10.03.2039	349°16'	160°13'	167°15'	350°03'	22°48'	312°59'	143°40'	176°27'
11.03.2039	350°16'	174°21'	181°31'	349°03'	24°00'	313°45'	143°33'	176°22'
12.03.2039	351°16'	188°44'	195°59'	348°04'	25°13'	314°31'	143°27'	176°18'
13.03.2039	352°16'	203°15'	210°31'	347°05'	26°25'	315°17'	143°21'	176°13'
14.03.2039	353°15'	217°48'	225°03'	346°09'	27°38'	316°03'	143°15'	176°08'
15.03.2039	354°15'	232°16'	239°27'	345°16'	28°50'	316°49'	143°09'	176°03'
16.03.2039	355°15'	246°36'	253°42'	344°27'	30°02'	317°35'	143°03'	175°59'
17.03.2039	356°15'	260°45'	267°45'	343°43'	31°14'	318°21'	142°57'	175°54'
18.03.2039	357°15'	274°42'	281°36'	343°05'	32°26'	319°08'	142°52'	175°49'
19.03.2039	358°14'	288°27'	295°16'	342°32'	33°38'	319°54'	142°46'	175°44'
20.03.2039	359°14'	302°01'	308°44'	342°06'	34°50'	320°40'	142°41'	175°40'
21.03.2039	0°14'	315°25'	322°02'	341°46'	36°02'	321°26'	142°36'	175°35'
22.03.2039	1°13'	328°37'	335°09'	341°32'	37°14'	322°12'	142°31'	175°30'
23.03.2039	2°13'	341°38'	348°05'	341°24'	38°25'	322°59'	142°27'	175°26'
24.03.2039	3°12'	354°28'	0°48'	341°22'	39°37'	323°45'	142°22'	175°21'
25.03.2039	4°12'	7°05'	13°19'	341°26'	40°48'	324°31'	142°18'	175°16'
26.03.2039	5°11'	19°30'	25°38'	341°36'	42°00'	325°18'	142°13'	175°12'
27.03.2039	6°11'	31°43'	37°45'	341°51'	43°11'	326°04'	142°09'	175°07'
28.03.2039	7°10'	43°44'	49°42'	342°11'	44°22'	326°50'	142°05'	175°02'
29.03.2039	8°10'	55°37'	61°32'	342°36'	45°33'	327°36'	142°02'	174°58'
30.03.2039	9°09'	67°26'	73°19'	343°05'	46°44'	328°23'	141°58'	174°53'
31.03.2039	10°08'	79°13'	85°08'	343°39'	47°55'	329°09'	141°55'	174°49'
01.04.2039	11°08'	91°04'	97°03'	344°17'	49°06'	329°55'	141°52'	174°44'
02.04.2039	12°07'	103°05'	109°10'	344°58'	50°16'	330°42'	141°49'	174°40'
03.04.2039	13°06'	115°20'	121°35'	345°44'	51°27'	331°28'	141°46'	174°36'
04.04.2039	14°05'	127°56'	134°23'	346°33'	52°37'	332°14'	141°43'	174°31'
05.04.2039	15°04'	140°56'	147°36'	347°25'	53°48'	333°01'	141°41'	174°27'
06.04.2039	16°03'	154°23'	161°18'	348°20'	54°58'	333°47'	141°38'	174°23'
07.04.2039	17°02'	168°19'	175°26'	349°18'	56°08'	334°33'	141°36'	174°18'
08.04.2039	18°01'	182°39'	189°58'	350°19'	57°18'	335°20'	141°35'	174°14'
09.04.2039	19°00'	197°21'	204°46'	351°22'	58°28'	336°06'	141°33'	174°10'
10.04.2039	19°59'	212°14'	219°43'	352°29'	59°37'	336°52'	141°31'	174°06'
11.04.2039	20°58'	227°12'	234°39'	353°37'	60°47'	337°39'	141°30'	174°02'
12.04.2039	21°57'	242°04'	249°26'	354°48'	61°57'	338°25'	141°29'	173°58'
13.04.2039	22°56'	256°44'	263°59'	356°01'	63°06'	339°11'	141°28'	173°54'
14.04.2039	23°55'	271°08'	278°13'	357°16'	64°15'	339°57'	141°27'	173°51'
15.04.2039	24°54'	285°13'	292°08'	358°34'	65°24'	340°44'	141°27'	173°47'
16.04.2039	25°52'	298°58'	305°44'	359°53'	66°33'	341°30'	141°26'	173°43'
17.04.2039	26°51'	312°26'	319°03'	1°15'	67°42'	342°16'	141°26'	173°40'
18.04.2039	27°50'	325°36'	332°06'	2°38'	68°51'	343°03'	141°26'	173°36'
19.04.2039	28°48'	338°32'	344°55'	4°03'	69°59'	343°49'	141°26'	173°33'
20.04.2039	29°47'	351°15'	357°32'	5°30'	71°08'	344°35'	141°26'	173°29'
21.04.2039	30°46'	3°46'	9°57'	6°59'	72°16'	345°22'	141°27'	173°26'
22.04.2039	31°44'	16°06'	22°13'	8°30'	73°24'	346°08'	141°28'	173°23'
23.04.2039	32°43'	28°17'	34°19'	10°02'	74°32'	346°54'	141°29'	173°20'
24.04.2039	33°41'	40°19'	46°17'	11°36'	75°40'	347°40'	141°30'	173°17'
25.04.2039	34°40'	52°14'	58°09'	13°12'	76°47'	348°26'	141°31'	173°14'

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26.04.2039	35°38'	64°03'	69°57'	14°50'	77°55'	349°13'	141°32'	173°11'
27.04.2039	36°37'	75°50'	81°43'	16°29'	79°02'	349°59'	141°34'	173°08'
28.04.2039	37°35'	87°37'	93°32'	18°11'	80°09'	350°45'	141°36'	173°05'
29.04.2039	38°33'	99°29'	105°28'	19°54'	81°16'	351°31'	141°38'	173°03'
30.04.2039	39°32'	111°29'	117°35'	21°38'	82°23'	352°17'	141°40'	173°00'
01.05.2039	40°30'	123°44'	129°58'	23°25'	83°29'	353°03'	141°42'	172°58'
02.05.2039	41°28'	136°17'	142°42'	25°13'	84°36'	353°49'	141°45'	172°55'
03.05.2039	42°27'	149°13'	155°51'	27°03'	85°42'	354°35'	141°48'	172°53'
04.05.2039	43°25'	162°36'	169°29'	28°55'	86°48'	355°21'	141°51'	172°51'
05.05.2039	44°23'	176°28'	183°35'	30°48'	87°53'	356°07'	141°54'	172°49'
06.05.2039	45°21'	190°49'	198°08'	32°44'	88°59'	356°53'	141°57'	172°47'
07.05.2039	46°19'	205°33'	213°02'	34°41'	90°04'	357°39'	142°00'	172°45'
08.05.2039	47°17'	220°35'	228°10'	36°40'	91°09'	358°25'	142°04'	172°43'
09.05.2039	48°15'	235°46'	243°21'	38°40'	92°14'	359°11'	142°08'	172°42'
10.05.2039	49°13'	250°55'	258°27'	40°42'	93°19'	359°57'	142°12'	172°40'
11.05.2039	50°11'	265°54'	273°18'	42°46'	94°23'	0°43'	142°16'	172°39'
12.05.2039	51°09'	280°36'	287°48'	44°51'	95°27'	1°29'	142°20'	172°37'
13.05.2039	52°07'	294°55'	301°56'	46°58'	96°31'	2°15'	142°24'	172°36'
14.05.2039	53°05'	308°50'	315°39'	49°06'	97°34'	3°00'	142°29'	172°35'
15.05.2039	54°03'	322°22'	328°59'	51°15'	98°38'	3°46'	142°34'	172°34'
16.05.2039	55°01'	335°31'	341°57'	53°25'	99°41'	4°32'	142°38'	172°33'
17.05.2039	55°59'	348°20'	354°38'	55°35'	100°44'	5°18'	142°43'	172°32'
18.05.2039	56°57'	0°52'	7°03'	57°47'	101°46'	6°03'	142°49'	172°31'
19.05.2039	57°54'	13°11'	19°16'	59°58'	102°48'	6°49'	142°54'	172°30'
20.05.2039	58°52'	25°19'	31°20'	62°09'	103°50'	7°35'	142°59'	172°30'
21.05.2039	59°50'	37°19'	43°16'	64°20'	104°52'	8°20'	143°05'	172°29'
22.05.2039	60°48'	49°12'	55°07'	66°31'	105°53'	9°06'	143°11'	172°29'
23.05.2039	61°45'	61°01'	66°55'	68°40'	106°54'	9°51'	143°17'	172°29'
24.05.2039	62°43'	72°48'	78°42'	70°48'	107°54'	10°36'	143°23'	172°28'
25.05.2039	63°41'	84°36'	90°31'	72°55'	108°54'	11°22'	143°29'	172°28'
26.05.2039	64°38'	96°26'	102°23'	75°01'	109°54'	12°07'	143°36'	172°28'
27.05.2039	65°36'	108°22'	114°23'	77°04'	110°54'	12°53'	143°42'	172°28'
28.05.2039	66°34'	120°27'	126°34'	79°06'	111°53'	13°38'	143°49'	172°29'
29.05.2039	67°31'	132°45'	139°00'	81°05'	112°51'	14°23'	143°55'	172°29'
30.05.2039	68°29'	145°19'	151°43'	83°02'	113°49'	15°08'	144°02'	172°29'
31.05.2039	69°26'	158°13'	164°49'	84°56'	114°47'	15°53'	144°09'	172°30'
01.06.2039	70°24'	171°31'	178°20'	86°48'	115°44'	16°38'	144°17'	172°31'
02.06.2039	71°21'	185°15'	192°16'	88°37'	116°41'	17°23'	144°24'	172°31'
03.06.2039	72°19'	199°25'	206°39'	90°24'	117°38'	18°08'	144°31'	172°32'
04.06.2039	73°16'	213°59'	221°24'	92°08'	118°34'	18°53'	144°39'	172°33'
05.06.2039	74°14'	228°54'	236°27'	93°49'	119°29'	19°38'	144°47'	172°34'
06.06.2039	75°11'	244°02'	251°38'	95°28'	120°24'	20°23'	144°54'	172°36'
07.06.2039	76°09'	259°14'	266°49'	97°03'	121°18'	21°08'	145°02'	172°37'
08.06.2039	77°06'	274°21'	281°49'	98°36'	122°12'	21°53'	145°10'	172°38'
09.06.2039	78°04'	289°13'	296°32'	100°06'	123°05'	22°37'	145°19'	172°40'
10.06.2039	79°01'	303°45'	310°52'	101°33'	123°57'	23°22'	145°27'	172°41'
11.06.2039	79°58'	317°52'	324°46'	102°57'	124°49'	24°06'	145°35'	172°43'
12.06.2039	80°56'	331°32'	338°12'	104°18'	125°40'	24°51'	145°44'	172°45'
13.06.2039	81°53'	344°46'	351°14'	105°37'	126°31'	25°35'	145°52'	172°46'
14.06.2039	82°50'	357°36'	3°54'	106°52'	127°20'	26°20'	146°01'	172°48'
15.06.2039	83°48'	10°07'	16°15'	108°04'	128°10'	27°04'	146°10'	172°50'
16.06.2039	84°45'	22°20'	28°22'	109°13'	128°58'	27°48'	146°19'	172°53'
17.06.2039	85°42'	34°22'	40°19'	110°19'	129°45'	28°33'	146°28'	172°55'
18.06.2039	86°40'	46°15'	52°10'	111°22'	130°32'	29°17'	146°37'	172°57'
19.06.2039	87°37'	58°03'	63°57'	112°21'	131°18'	30°01'	146°46'	173°00'

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20.06.2039	88°34'	69°50'	75°44'	113°17'	132°03'	30°45'	146°56'	173°02'
21.06.2039	89°31'	81°38'	87°34'	114°09'	132°47'	31°29'	147°05'	173°05'
22.06.2039	90°29'	93°30'	99°28'	114°57'	133°31'	32°13'	147°15'	173°08'
23.06.2039	91°26'	105°28'	111°30'	115°42'	134°13'	32°57'	147°24'	173°10'
24.06.2039	92°23'	117°34'	123°40'	116°23'	134°54'	33°40'	147°34'	173°13'
25.06.2039	93°21'	129°49'	136°01'	117°01'	135°34'	34°24'	147°44'	173°16'
26.06.2039	94°18'	142°17'	148°36'	117°34'	136°14'	35°08'	147°54'	173°19'
27.06.2039	95°15'	154°59'	161°26'	118°03'	136°52'	35°51'	148°04'	173°23'
28.06.2039	96°12'	167°57'	174°33'	118°27'	137°28'	36°35'	148°14'	173°26'
29.06.2039	97°09'	181°14'	188°01'	118°47'	138°04'	37°18'	148°24'	173°29'
30.06.2039	98°07'	194°52'	201°48'	119°03'	138°38'	38°01'	148°35'	173°33'
01.07.2039	99°04'	208°50'	215°58'	119°14'	139°11'	38°45'	148°45'	173°36'
02.07.2039	100°01'	223°10'	230°27'	119°21'	139°43'	39°28'	148°55'	173°40'
03.07.2039	100°58'	237°47'	245°12'	119°23'	140°13'	40°11'	149°06'	173°43'
04.07.2039	101°55'	252°39'	260°08'	119°20'	140°41'	40°54'	149°17'	173°47'
05.07.2039	102°53'	267°39'	275°09'	119°13'	141°09'	41°37'	149°27'	173°51'
06.07.2039	103°50'	282°38'	290°05'	119°01'	141°34'	42°20'	149°38'	173°55'
07.07.2039	104°47'	297°28'	304°48'	118°44'	141°58'	43°02'	149°49'	173°59'
08.07.2039	105°44'	312°03'	319°12'	118°24'	142°20'	43°45'	150°00'	174°03'
09.07.2039	106°41'	326°15'	333°11'	117°59'	142°40'	44°28'	150°11'	174°07'
10.07.2039	107°39'	340°01'	346°44'	117°31'	142°59'	45°10'	150°22'	174°12'
11.07.2039	108°36'	353°21'	359°51'	117°00'	143°16'	45°53'	150°33'	174°16'
12.07.2039	109°33'	6°15'	12°33'	116°26'	143°30'	46°35'	150°44'	174°21'
13.07.2039	110°30'	18°47'	24°55'	115°50'	143°43'	47°17'	150°55'	174°25'
14.07.2039	111°27'	31°00'	37°01'	115°12'	143°54'	47°59'	151°07'	174°30'
15.07.2039	112°25'	43°00'	48°56'	114°33'	144°02'	48°42'	151°18'	174°34'
16.07.2039	113°22'	54°51'	60°45'	113°53'	144°09'	49°24'	151°30'	174°39'
17.07.2039	114°19'	66°39'	72°32'	113°14'	144°13'	50°06'	151°41'	174°44'
18.07.2039	115°16'	78°26'	84°21'	112°35'	144°15'	50°47'	151°53'	174°49'
19.07.2039	116°14'	90°18'	96°16'	111°59'	144°15'	51°29'	152°04'	174°54'
20.07.2039	117°11'	102°17'	108°19'	111°24'	144°12'	52°11'	152°16'	174°59'
21.07.2039	118°08'	114°25'	120°33'	110°53'	144°07'	52°52'	152°28'	175°04'
22.07.2039	119°06'	126°44'	132°59'	110°25'	143°59'	53°34'	152°40'	175°09'
23.07.2039	120°03'	139°16'	145°37'	110°01'	143°50'	54°15'	152°51'	175°14'
24.07.2039	121°00'	152°01'	158°28'	109°42'	143°38'	54°56'	153°03'	175°19'
25.07.2039	121°57'	164°59'	171°33'	109°27'	143°23'	55°37'	153°15'	175°25'
26.07.2039	122°55'	178°10'	184°51'	109°18'	143°06'	56°18'	153°27'	175°30'
27.07.2039	123°52'	191°35'	198°23'	109°14'	142°47'	56°59'	153°39'	175°36'
28.07.2039	124°49'	205°14'	212°09'	109°17'	142°26'	57°40'	153°51'	175°41'
29.07.2039	125°47'	219°07'	226°09'	109°25'	142°02'	58°21'	154°04'	175°47'
30.07.2039	126°44'	233°14'	240°23'	109°39'	141°36'	59°01'	154°16'	175°52'
31.07.2039	127°41'	247°34'	254°48'	109°59'	141°09'	59°42'	154°28'	175°58'
01.08.2039	128°39'	262°04'	269°22'	110°26'	140°39'	60°22'	154°40'	176°04'
02.08.2039	129°36'	276°42'	284°01'	110°59'	140°08'	61°02'	154°53'	176°10'
03.08.2039	130°34'	291°21'	298°39'	111°38'	139°35'	61°42'	155°05'	176°16'
04.08.2039	131°31'	305°55'	313°09'	112°23'	139°01'	62°22'	155°17'	176°22'
05.08.2039	132°28'	320°19'	327°24'	113°14'	138°26'	63°02'	155°30'	176°28'
06.08.2039	133°26'	334°24'	341°19'	114°12'	137°50'	63°42'	155°42'	176°34'
07.08.2039	134°23'	348°08'	354°51'	115°15'	137°13'	64°22'	155°55'	176°40'
08.08.2039	135°21'	1°28'	7°59'	116°24'	136°36'	65°01'	156°07'	176°46'
09.08.2039	136°18'	14°24'	20°43'	117°38'	135°59'	65°40'	156°20'	176°52'
10.08.2039	137°16'	26°57'	33°06'	118°58'	135°21'	66°20'	156°33'	176°58'
11.08.2039	138°13'	39°11'	45°13'	120°23'	134°44'	66°59'	156°45'	177°05'
12.08.2039	139°11'	51°12'	57°08'	121°53'	134°08'	67°38'	156°58'	177°11'
13.08.2039	140°08'	63°03'	68°57'	123°27'	133°32'	68°17'	157°11'	177°18'

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14.08.2039	141°06'	74°51'	80°45'	125°06'	132°57'	68°56'	157°23'	177°24'
15.08.2039	142°04'	86°40'	92°37'	126°48'	132°23'	69°34'	157°36'	177°31'
16.08.2039	143°01'	98°36'	104°37'	128°34'	131°51'	70°13'	157°49'	177°37'
17.08.2039	143°59'	110°42'	116°50'	130°23'	131°20'	70°51'	158°02'	177°44'
18.08.2039	144°57'	123°01'	129°17'	132°15'	130°51'	71°29'	158°15'	177°50'
19.08.2039	145°54'	135°36'	141°59'	134°10'	130°24'	72°07'	158°27'	177°57'
20.08.2039	146°52'	148°27'	154°58'	136°06'	129°59'	72°45'	158°40'	178°04'
21.08.2039	147°50'	161°33'	168°12'	138°03'	129°35'	73°23'	158°53'	178°10'
22.08.2039	148°48'	174°54'	181°39'	140°02'	129°14'	74°00'	159°06'	178°17'
23.08.2039	149°46'	188°26'	195°17'	142°02'	128°56'	74°38'	159°19'	178°24'
24.08.2039	150°43'	202°09'	209°04'	144°02'	128°39'	75°15'	159°32'	178°31'
25.08.2039	151°41'	216°00'	222°58'	146°02'	128°25'	75°52'	159°45'	178°38'
26.08.2039	152°39'	229°57'	236°58'	148°02'	128°14'	76°29'	159°58'	178°45'
27.08.2039	153°37'	244°01'	251°04'	150°02'	128°04'	77°06'	160°11'	178°52'
28.08.2039	154°35'	258°09'	265°15'	152°01'	127°57'	77°43'	160°24'	178°59'
29.08.2039	155°33'	272°21'	279°28'	154°00'	127°53'	78°19'	160°37'	179°06'
30.08.2039	156°31'	286°36'	293°43'	155°58'	127°51'	78°56'	160°50'	179°13'
31.08.2039	157°29'	300°50'	307°56'	157°55'	127°51'	79°32'	161°03'	179°20'
01.09.2039	158°27'	315°00'	322°02'	159°51'	127°53'	80°08'	161°16'	179°27'
02.09.2039	159°25'	329°01'	335°57'	161°46'	127°58'	80°43'	161°29'	179°34'
03.09.2039	160°23'	342°49'	349°37'	163°39'	128°05'	81°19'	161°42'	179°41'
04.09.2039	161°21'	356°20'	2°59'	165°32'	128°14'	81°54'	161°55'	179°48'
05.09.2039	162°19'	9°32'	15°59'	167°24'	128°26'	82°30'	162°08'	179°55'
06.09.2039	163°17'	22°22'	28°40'	169°14'	128°39'	83°05'	162°21'	180°03'
07.09.2039	164°15'	34°53'	41°01'	171°03'	128°54'	83°40'	162°34'	180°10'
08.09.2039	165°14'	47°06'	53°07'	172°51'	129°12'	84°14'	162°47'	180°17'
09.09.2039	166°12'	59°06'	65°02'	174°38'	129°31'	84°49'	163°00'	180°24'
10.09.2039	167°10'	70°57'	76°52'	176°23'	129°52'	85°23'	163°13'	180°32'
11.09.2039	168°08'	82°45'	88°40'	178°08'	130°15'	85°57'	163°26'	180°39'
12.09.2039	169°07'	94°36'	100°34'	179°51'	130°40'	86°31'	163°39'	180°46'
13.09.2039	170°05'	106°34'	112°37'	181°33'	131°06'	87°05'	163°52'	180°54'
14.09.2039	171°03'	118°44'	124°56'	183°14'	131°34'	87°38'	164°05'	181°01'
15.09.2039	172°02'	131°11'	137°32'	184°54'	132°04'	88°12'	164°18'	181°09'
16.09.2039	173°00'	143°58'	150°29'	186°33'	132°35'	88°45'	164°31'	181°16'
17.09.2039	173°59'	157°05'	163°46'	188°11'	133°07'	89°17'	164°44'	181°23'
18.09.2039	174°57'	170°32'	177°22'	189°48'	133°41'	89°50'	164°57'	181°31'
19.09.2039	175°56'	184°16'	191°14'	191°23'	134°16'	90°22'	165°10'	181°38'
20.09.2039	176°55'	198°14'	205°17'	192°58'	134°53'	90°54'	165°23'	181°46'
21.09.2039	177°53'	212°22'	219°28'	194°32'	135°31'	91°26'	165°35'	181°53'
22.09.2039	178°52'	226°34'	233°41'	196°05'	136°09'	91°58'	165°48'	182°00'
23.09.2039	179°51'	240°48'	247°54'	197°36'	136°49'	92°29'	166°01'	182°08'
24.09.2039	180°49'	255°00'	262°04'	199°07'	137°31'	93°00'	166°14'	182°15'
25.09.2039	181°48'	269°08'	276°11'	200°37'	138°13'	93°31'	166°27'	182°23'
26.09.2039	182°47'	283°12'	290°12'	202°05'	138°56'	94°01'	166°40'	182°30'
27.09.2039	183°46'	297°11'	304°08'	203°33'	139°40'	94°32'	166°52'	182°38'
28.09.2039	184°45'	311°03'	317°57'	205°00'	140°25'	95°02'	167°05'	182°45'
29.09.2039	185°43'	324°48'	331°37'	206°25'	141°11'	95°31'	167°18'	182°52'
30.09.2039	186°42'	338°24'	345°07'	207°50'	141°58'	96°01'	167°30'	183°00'
01.10.2039	187°41'	351°48'	358°25'	209°13'	142°46'	96°30'	167°43'	183°07'
02.10.2039	188°40'	4°58'	11°27'	210°36'	143°35'	96°59'	167°56'	183°15'
03.10.2039	189°39'	17°53'	24°14'	211°57'	144°24'	97°27'	168°08'	183°22'
04.10.2039	190°38'	30°31'	36°45'	213°17'	145°15'	97°55'	168°21'	183°30'
05.10.2039	191°37'	42°54'	49°00'	214°36'	146°06'	98°23'	168°33'	183°37'
06.10.2039	192°36'	55°03'	61°03'	215°54'	146°58'	98°51'	168°46'	183°44'
07.10.2039	193°35'	67°00'	72°56'	217°10'	147°50'	99°18'	168°58'	183°52'

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08.10.2039	194°35'	78°50'	84°44'	218°25'	148°43'	99°45'	169°10'	183°59'
09.10.2039	195°34'	90°38'	96°32'	219°38'	149°37'	100°12'	169°23'	184°06'
10.10.2039	196°33'	102°28'	108°25'	220°50'	150°31'	100°38'	169°35'	184°14'
11.10.2039	197°32'	114°25'	120°29'	222°00'	151°26'	101°04'	169°47'	184°21'
12.10.2039	198°32'	126°36'	132°48'	223°08'	152°22'	101°29'	169°59'	184°28'
13.10.2039	199°31'	139°04'	145°27'	224°14'	153°18'	101°55'	170°12'	184°36'
14.10.2039	200°30'	151°55'	158°29'	225°18'	154°15'	102°19'	170°24'	184°43'
15.10.2039	201°30'	165°10'	171°56'	226°19'	155°12'	102°44'	170°36'	184°50'
16.10.2039	202°29'	178°49'	185°47'	227°18'	156°10'	103°08'	170°48'	184°57'
17.10.2039	203°29'	192°51'	199°59'	228°14'	157°09'	103°31'	171°00'	185°05'
18.10.2039	204°28'	207°11'	214°27'	229°06'	158°07'	103°54'	171°12'	185°12'
19.10.2039	205°28'	221°44'	229°03'	229°56'	159°07'	104°17'	171°23'	185°19'
20.10.2039	206°28'	236°23'	243°43'	230°41'	160°06'	104°39'	171°35'	185°26'
21.10.2039	207°27'	251°01'	258°18'	231°22'	161°06'	105°01'	171°47'	185°33'
22.10.2039	208°27'	265°32'	272°45'	231°59'	162°07'	105°23'	171°59'	185°40'
23.10.2039	209°27'	279°54'	287°00'	232°30'	163°08'	105°44'	172°10'	185°47'
24.10.2039	210°26'	294°02'	301°01'	232°56'	164°09'	106°04'	172°22'	185°54'
25.10.2039	211°26'	307°57'	314°49'	233°15'	165°11'	106°24'	172°33'	186°01'
26.10.2039	212°26'	321°38'	328°23'	233°28'	166°13'	106°43'	172°45'	186°08'
27.10.2039	213°26'	335°05'	341°43'	233°33'	167°16'	107°02'	172°56'	186°15'
28.10.2039	214°26'	348°18'	354°50'	233°30'	168°18'	107°21'	173°07'	186°22'
29.10.2039	215°25'	1°19'	7°44'	233°19'	169°22'	107°39'	173°18'	186°29'
30.10.2039	216°25'	14°07'	20°26'	232°59'	170°25'	107°56'	173°29'	186°36'
31.10.2039	217°25'	26°42'	32°55'	232°29'	171°29'	108°13'	173°41'	186°42'
01.11.2039	218°25'	39°04'	45°11'	231°50'	172°33'	108°30'	173°51'	186°49'
02.11.2039	219°25'	51°16'	57°18'	231°02'	173°38'	108°45'	174°02'	186°56'
03.11.2039	220°25'	63°17'	69°15'	230°05'	174°42'	109°01'	174°13'	187°02'
04.11.2039	221°25'	75°10'	81°05'	229°00'	175°47'	109°15'	174°24'	187°09'
05.11.2039	222°25'	86°59'	92°52'	227°49'	176°53'	109°29'	174°35'	187°16'
06.11.2039	223°25'	98°45'	104°39'	226°33'	177°58'	109°43'	174°45'	187°22'
07.11.2039	224°26'	110°35'	116°32'	225°15'	179°04'	109°55'	174°56'	187°29'
08.11.2039	225°26'	122°31'	128°34'	223°56'	180°10'	110°08'	175°06'	187°35'
09.11.2039	226°26'	134°40'	140°50'	222°39'	181°17'	110°19'	175°16'	187°41'
10.11.2039	227°26'	147°05'	153°26'	221°28'	182°24'	110°30'	175°26'	187°48'
11.11.2039	228°27'	159°52'	166°25'	220°23'	183°30'	110°40'	175°37'	187°54'
12.11.2039	229°27'	173°04'	179°50'	219°28'	184°38'	110°50'	175°47'	188°00'
13.11.2039	230°27'	186°43'	193°43'	218°42'	185°45'	110°58'	175°57'	188°06'
14.11.2039	231°28'	200°49'	208°01'	218°08'	186°53'	111°07'	176°06'	188°12'
15.11.2039	232°28'	215°19'	222°41'	217°46'	188°00'	111°14'	176°16'	188°19'
16.11.2039	233°28'	230°07'	237°36'	217°35'	189°08'	111°20'	176°26'	188°24'
17.11.2039	234°29'	245°07'	252°38'	217°36'	190°17'	111°26'	176°35'	188°30'
18.11.2039	235°29'	260°09'	267°38'	217°47'	191°25'	111°31'	176°45'	188°36'
19.11.2039	236°30'	275°05'	282°28'	218°08'	192°34'	111°36'	176°54'	188°42'
20.11.2039	237°31'	289°48'	297°03'	218°39'	193°42'	111°39'	177°03'	188°48'
21.11.2039	238°31'	304°12'	311°17'	219°18'	194°51'	111°42'	177°12'	188°54'
22.11.2039	239°32'	318°16'	325°09'	220°04'	196°00'	111°44'	177°21'	188°59'
23.11.2039	240°32'	331°57'	338°40'	220°57'	197°10'	111°45'	177°30'	189°05'
24.11.2039	241°33'	345°18'	351°51'	221°55'	198°19'	111°45'	177°39'	189°10'
25.11.2039	242°34'	358°19'	4°44'	222°58'	199°29'	111°45'	177°47'	189°16'
26.11.2039	243°34'	11°04'	17°21'	224°06'	200°38'	111°43'	177°56'	189°21'
27.11.2039	244°35'	23°34'	29°44'	225°17'	201°48'	111°41'	178°04'	189°26'
28.11.2039	245°36'	35°51'	41°56'	226°32'	202°58'	111°38'	178°13'	189°32'
29.11.2039	246°36'	47°59'	54°00'	227°49'	204°09'	111°34'	178°21'	189°37'
30.11.2039	247°37'	59°59'	65°56'	229°09'	205°19'	111°30'	178°29'	189°42'
01.12.2039	248°38'	71°52'	77°48'	230°31'	206°29'	111°24'	178°37'	189°47'

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02.12.2039	249°39'	83°42'	89°36'	231°54'	207°40'	111°18'	178°44'	189°52'
03.12.2039	250°39'	95°30'	101°23'	233°19'	208°51'	111°10'	178°52'	189°57'
04.12.2039	251°40'	107°18'	113°13'	234°45'	210°02'	111°02'	178°59'	190°01'
05.12.2039	252°41'	119°09'	125°07'	236°12'	211°13'	110°53'	179°07'	190°06'
06.12.2039	253°42'	131°08'	137°10'	237°40'	212°24'	110°43'	179°14'	190°11'
07.12.2039	254°43'	143°16'	149°26'	239°08'	213°35'	110°33'	179°21'	190°15'
08.12.2039	255°44'	155°39'	161°58'	240°38'	214°46'	110°21'	179°28'	190°20'
09.12.2039	256°45'	168°21'	174°50'	242°08'	215°58'	110°09'	179°35'	190°24'
10.12.2039	257°46'	181°25'	188°06'	243°38'	217°09'	109°55'	179°41'	190°28'
11.12.2039	258°47'	194°54'	201°49'	245°08'	218°21'	109°41'	179°48'	190°32'
12.12.2039	259°48'	208°50'	215°58'	246°39'	219°33'	109°27'	179°54'	190°37'
13.12.2039	260°49'	223°13'	230°34'	248°11'	220°45'	109°11'	180°00'	190°41'
14.12.2039	261°50'	238°00'	245°30'	249°42'	221°57'	108°55'	180°07'	190°44'
15.12.2039	262°51'	253°04'	260°40'	251°14'	223°09'	108°38'	180°12'	190°48'
16.12.2039	263°52'	268°17'	275°54'	252°46'	224°21'	108°20'	180°18'	190°52'
17.12.2039	264°53'	283°30'	291°03'	254°18'	225°33'	108°01'	180°24'	190°56'
18.12.2039	265°54'	298°33'	305°58'	255°51'	226°45'	107°42'	180°29'	190°59'
19.12.2039	266°55'	313°17'	320°30'	257°23'	227°58'	107°23'	180°34'	191°03'
20.12.2039	267°56'	327°37'	334°36'	258°56'	229°10'	107°02'	180°39'	191°06'
21.12.2039	268°57'	341°29'	348°15'	260°29'	230°23'	106°42'	180°44'	191°10'
22.12.2039	269°58'	354°55'	1°28'	262°02'	231°35'	106°20'	180°49'	191°13'
23.12.2039	270°59'	7°55'	14°17'	263°35'	232°48'	105°58'	180°54'	191°16'
24.12.2039	272°00'	20°34'	26°46'	265°08'	234°01'	105°36'	180°58'	191°19'
25.12.2039	273°02'	32°54'	38°59'	266°42'	235°13'	105°14'	181°02'	191°22'
26.12.2039	274°03'	45°01'	51°01'	268°16'	236°26'	104°51'	181°07'	191°25'
27.12.2039	275°04'	56°59'	62°55'	269°50'	237°39'	104°28'	181°10'	191°27'
28.12.2039	276°05'	68°50'	74°44'	271°24'	238°52'	104°04'	181°14'	191°30'
29.12.2039	277°06'	80°38'	86°32'	272°59'	240°05'	103°41'	181°18'	191°32'
30.12.2039	278°07'	92°26'	98°21'	274°34'	241°18'	103°17'	181°21'	191°35'
31.12.2039	279°08'	104°16'	110°12'	276°09'	242°31'	102°53'	181°24'	191°37'
01.01.2040	280°09'	116°09'	122°08'	277°44'	243°45'	102°29'	181°27'	191°39'
02.01.2040	281°11'	128°08'	134°10'	279°20'	244°58'	102°05'	181°30'	191°41'
03.01.2040	282°12'	140°14'	146°20'	280°56'	246°11'	101°42'	181°33'	191°43'
04.01.2040	283°13'	152°29'	158°41'	282°32'	247°24'	101°18'	181°35'	191°45'
05.01.2040	284°14'	164°57'	171°15'	284°09'	248°38'	100°54'	181°38'	191°47'
06.01.2040	285°15'	177°38'	184°06'	285°46'	249°51'	100°31'	181°40'	191°49'
07.01.2040	286°16'	190°38'	197°15'	287°24'	251°05'	100°08'	181°42'	191°50'
08.01.2040	287°17'	203°57'	210°45'	289°01'	252°18'	99°45'	181°43'	191°52'
09.01.2040	288°19'	217°40'	224°40'	290°40'	253°32'	99°22'	181°45'	191°53'
10.01.2040	289°20'	231°46'	238°58'	292°18'	254°46'	99°00'	181°46'	191°55'
11.01.2040	290°21'	246°16'	253°39'	293°57'	255°59'	98°38'	181°47'	191°56'
12.01.2040	291°22'	261°06'	268°38'	295°37'	257°13'	98°17'	181°48'	191°57'
13.01.2040	292°23'	276°12'	283°47'	297°17'	258°27'	97°56'	181°49'	191°58'
14.01.2040	293°24'	291°23'	298°58'	298°57'	259°40'	97°36'	181°50'	191°59'
15.01.2040	294°26'	306°31'	314°00'	300°38'	260°54'	97°16'	181°50'	191°59'
16.01.2040	295°27'	321°25'	328°44'	302°19'	262°08'	96°57'	181°50'	192°00'
17.01.2040	296°28'	335°57'	343°03'	304°00'	263°22'	96°38'	181°50'	192°00'
18.01.2040	297°29'	350°01'	356°53'	305°42'	264°36'	96°21'	181°50'	192°01'
19.01.2040	298°30'	3°37'	10°14'	307°24'	265°50'	96°03'	181°50'	192°01'
20.01.2040	299°31'	16°43'	23°07'	309°06'	267°04'	95°47'	181°49'	192°01'
21.01.2040	300°32'	29°25'	35°37'	310°48'	268°17'	95°31'	181°49'	192°01'
22.01.2040	301°33'	41°45'	47°49'	312°30'	269°31'	95°16'	181°48'	192°01'
23.01.2040	302°34'	53°49'	59°47'	314°12'	270°45'	95°02'	181°46'	192°01'
24.01.2040	303°35'	65°43'	71°37'	315°53'	271°59'	94°49'	181°45'	192°01'
25.01.2040	304°36'	77°30'	83°24'	317°34'	273°13'	94°36'	181°44'	192°01'

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26.01.2040	305°37'	89°17'	95°11'	319°14'	274°27'	94°24'	181°42'	192°00'
27.01.2040	306°38'	101°06'	107°02'	320°54'	275°41'	94°13'	181°40'	192°00'
28.01.2040	307°39'	112°59'	118°59'	322°32'	276°56'	94°03'	181°38'	191°59'
29.01.2040	308°40'	125°01'	131°04'	324°08'	278°10'	93°53'	181°36'	191°58'
30.01.2040	309°41'	137°11'	143°19'	325°43'	279°24'	93°45'	181°33'	191°57'
31.01.2040	310°42'	149°30'	155°44'	327°15'	280°38'	93°37'	181°30'	191°56'
01.02.2040	311°43'	162°00'	168°19'	328°44'	281°52'	93°30'	181°28'	191°55'
02.02.2040	312°44'	174°41'	181°05'	330°10'	283°06'	93°23'	181°25'	191°54'
03.02.2040	313°45'	187°33'	194°04'	331°31'	284°20'	93°18'	181°21'	191°53'
04.02.2040	314°46'	200°38'	207°16'	332°47'	285°35'	93°13'	181°18'	191°51'
05.02.2040	315°46'	213°58'	220°44'	333°58'	286°49'	93°09'	181°15'	191°50'
06.02.2040	316°47'	227°34'	234°28'	335°03'	288°03'	93°06'	181°11'	191°48'
07.02.2040	317°48'	241°27'	248°30'	336°00'	289°17'	93°04'	181°07'	191°46'
08.02.2040	318°49'	255°38'	262°51'	336°50'	290°32'	93°03'	181°03'	191°45'
09.02.2040	319°50'	270°07'	277°27'	337°31'	291°46'	93°02'	180°59'	191°43'
10.02.2040	320°50'	284°50'	292°16'	338°03'	293°00'	93°02'	180°54'	191°41'
11.02.2040	321°51'	299°42'	307°09'	338°24'	294°14'	93°03'	180°50'	191°38'
12.02.2040	322°52'	314°35'	322°00'	338°36'	295°29'	93°04'	180°45'	191°36'
13.02.2040	323°53'	329°21'	336°38'	338°36'	296°43'	93°06'	180°40'	191°34'
14.02.2040	324°53'	343°50'	350°56'	338°26'	297°57'	93°09'	180°35'	191°32'
15.02.2040	325°54'	357°56'	4°49'	338°06'	299°12'	93°13'	180°30'	191°29'
16.02.2040	326°55'	11°36'	18°15'	337°35'	300°26'	93°17'	180°24'	191°26'
17.02.2040	327°55'	24°48'	31°14'	336°56'	301°40'	93°22'	180°19'	191°24'
18.02.2040	328°56'	37°34'	43°48'	336°07'	302°55'	93°28'	180°13'	191°21'
19.02.2040	329°56'	49°58'	56°03'	335°12'	304°09'	93°35'	180°07'	191°18'
20.02.2040	330°57'	62°04'	68°02'	334°12'	305°23'	93°42'	180°01'	191°15'
21.02.2040	331°57'	73°58'	79°53'	333°07'	306°38'	93°49'	179°55'	191°12'
22.02.2040	332°58'	85°47'	91°40'	332°01'	307°52'	93°58'	179°49'	191°09'
23.02.2040	333°58'	97°34'	103°29'	330°54'	309°06'	94°07'	179°43'	191°06'
24.02.2040	334°59'	109°25'	115°23'	329°48'	310°21'	94°16'	179°36'	191°03'
25.02.2040	335°59'	121°24'	127°27'	328°45'	311°35'	94°26'	179°30'	190°59'
26.02.2040	336°59'	133°34'	139°43'	327°46'	312°49'	94°37'	179°23'	190°56'
27.02.2040	338°00'	145°56'	152°12'	326°53'	314°04'	94°48'	179°17'	190°52'
28.02.2040	339°00'	158°31'	164°54'	326°05'	315°18'	95°00'	179°10'	190°49'
29.02.2040	340°00'	171°20'	177°49'	325°24'	316°32'	95°12'	179°03'	190°45'
01.03.2040	341°01'	184°21'	190°56'	324°49'	317°47'	95°25'	178°56'	190°42'
02.03.2040	342°01'	197°33'	204°13'	324°22'	319°01'	95°38'	178°49'	190°38'
03.03.2040	343°01'	210°56'	217°41'	324°02'	320°15'	95°52'	178°41'	190°34'
04.03.2040	344°01'	224°29'	231°19'	323°49'	321°30'	96°07'	178°34'	190°30'
05.03.2040	345°01'	238°11'	245°06'	323°42'	322°44'	96°21'	178°27'	190°26'
06.03.2040	346°01'	252°04'	259°04'	323°42'	323°59'	96°37'	178°19'	190°22'
07.03.2040	347°01'	266°06'	273°12'	323°49'	325°13'	96°52'	178°12'	190°18'
08.03.2040	348°01'	280°19'	287°28'	324°01'	326°27'	97°09'	178°04'	190°14'
09.03.2040	349°01'	294°40'	301°52'	324°19'	327°42'	97°25'	177°57'	190°10'
10.03.2040	350°01'	309°06'	316°19'	324°42'	328°56'	97°42'	177°49'	190°06'
11.03.2040	351°01'	323°33'	330°44'	325°10'	330°10'	98°00'	177°41'	190°01'
12.03.2040	352°01'	337°54'	345°00'	325°43'	331°25'	98°18'	177°34'	189°57'
13.03.2040	353°01'	352°03'	359°02'	326°20'	332°39'	98°36'	177°26'	189°53'
14.03.2040	354°01'	5°56'	12°44'	327°02'	333°53'	98°55'	177°18'	189°48'
15.03.2040	355°01'	19°27'	26°04'	327°46'	335°08'	99°14'	177°10'	189°44'
16.03.2040	356°01'	32°36'	39°01'	328°35'	336°22'	99°33'	177°03'	189°39'
17.03.2040	357°00'	45°21'	51°36'	329°27'	337°36'	99°53'	176°55'	189°35'
18.03.2040	358°00'	57°46'	63°52'	330°22'	338°51'	100°13'	176°47'	189°30'
19.03.2040	359°00'	69°55'	75°54'	331°19'	340°05'	100°34'	176°39'	189°26'
20.03.2040	359°59'	81°52'	87°47'	332°20'	341°19'	100°55'	176°31'	189°21'

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21.03.2040	0°59'	93°42'	99°36'	333°23'	342°34'	101°16'	176°24'	189°17'
22.03.2040	1°59'	105°31'	111°27'	334°28'	343°48'	101°37'	176°16'	189°12'
23.03.2040	2°58'	117°24'	123°24'	335°36'	345°02'	101°59'	176°08'	189°07'
24.03.2040	3°58'	129°26'	135°32'	336°46'	346°16'	102°21'	176°00'	189°03'
25.03.2040	4°57'	141°42'	147°55'	337°59'	347°31'	102°44'	175°53'	188°58'
26.03.2040	5°57'	154°12'	160°34'	339°13'	348°45'	103°06'	175°45'	188°53'
27.03.2040	6°56'	167°01'	173°32'	340°29'	349°59'	103°30'	175°38'	188°49'
28.03.2040	7°55'	180°07'	186°46'	341°47'	351°13'	103°53'	175°30'	188°44'
29.03.2040	8°55'	193°29'	200°16'	343°07'	352°28'	104°16'	175°23'	188°39'
30.03.2040	9°54'	207°05'	213°58'	344°28'	353°42'	104°40'	175°15'	188°35'
31.03.2040	10°53'	220°53'	227°51'	345°52'	354°56'	105°04'	175°08'	188°30'
01.04.2040	11°52'	234°50'	241°50'	347°17'	356°10'	105°29'	175°01'	188°25'
02.04.2040	12°52'	248°52'	255°54'	348°43'	357°25'	105°53'	174°54'	188°21'
03.04.2040	13°51'	262°58'	270°02'	350°11'	358°39'	106°18'	174°47'	188°16'
04.04.2040	14°50'	277°06'	284°10'	351°41'	359°53'	106°43'	174°40'	188°11'
05.04.2040	15°49'	291°15'	298°19'	353°12'	1°07'	107°08'	174°33'	188°07'
06.04.2040	16°48'	305°23'	312°26'	354°45'	2°21'	107°34'	174°26'	188°02'
07.04.2040	17°47'	319°28'	326°30'	356°20'	3°36'	108°00'	174°19'	187°58'
08.04.2040	18°46'	333°29'	340°27'	357°56'	4°50'	108°26'	174°13'	187°53'
09.04.2040	19°45'	347°23'	354°15'	359°33'	6°04'	108°52'	174°06'	187°49'
10.04.2040	20°44'	1°05'	7°51'	1°12'	7°18'	109°18'	174°00'	187°44'
11.04.2040	21°43'	14°33'	21°11'	2°53'	8°32'	109°45'	173°54'	187°40'
12.04.2040	22°42'	27°45'	34°14'	4°35'	9°46'	110°12'	173°48'	187°35'
13.04.2040	23°41'	40°39'	47°00'	6°18'	11°00'	110°39'	173°42'	187°31'
14.04.2040	24°40'	53°16'	59°28'	8°03'	12°15'	111°06'	173°36'	187°26'
15.04.2040	25°38'	65°37'	71°42'	9°50'	13°29'	111°33'	173°30'	187°22'
16.04.2040	26°37'	77°44'	83°43'	11°38'	14°43'	112°01'	173°25'	187°18'
17.04.2040	27°36'	89°41'	95°37'	13°28'	15°57'	112°29'	173°19'	187°13'
18.04.2040	28°34'	101°32'	107°27'	15°19'	17°11'	112°57'	173°14'	187°09'
19.04.2040	29°33'	113°22'	119°18'	17°12'	18°25'	113°25'	173°09'	187°05'
20.04.2040	30°32'	125°16'	131°16'	19°06'	19°39'	113°53'	173°04'	187°01'
21.04.2040	31°30'	137°19'	143°25'	21°02'	20°53'	114°22'	172°59'	186°57'
22.04.2040	32°29'	149°36'	155°50'	23°00'	22°07'	114°50'	172°54'	186°53'
23.04.2040	33°27'	162°10'	168°34'	24°59'	23°21'	115°19'	172°50'	186°49'
24.04.2040	34°26'	175°04'	181°40'	27°00'	24°35'	115°48'	172°45'	186°45'
25.04.2040	35°24'	188°20'	195°07'	29°02'	25°49'	116°17'	172°41'	186°41'
26.04.2040	36°23'	201°58'	208°54'	31°05'	27°03'	116°46'	172°37'	186°37'
27.04.2040	37°21'	215°54'	222°59'	33°10'	28°17'	117°16'	172°33'	186°34'
28.04.2040	38°19'	230°07'	237°17'	35°16'	29°31'	117°45'	172°30'	186°30'
29.04.2040	39°18'	244°30'	251°44'	37°23'	30°45'	118°15'	172°26'	186°27'
30.04.2040	40°16'	258°59'	266°14'	39°31'	31°59'	118°45'	172°23'	186°23'
01.05.2040	41°14'	273°28'	280°41'	41°40'	33°13'	119°15'	172°20'	186°20'
02.05.2040	42°12'	287°53'	295°04'	43°49'	34°27'	119°45'	172°17'	186°16'
03.05.2040	43°11'	302°11'	309°17'	45°59'	35°41'	120°15'	172°14'	186°13'
04.05.2040	44°09'	316°20'	323°19'	48°09'	36°55'	120°45'	172°11'	186°10'
05.05.2040	45°07'	330°16'	337°10'	50°18'	38°09'	121°16'	172°09'	186°07'
06.05.2040	46°05'	344°00'	350°47'	52°27'	39°23'	121°46'	172°06'	186°04'
07.05.2040	47°03'	357°31'	4°11'	54°35'	40°37'	122°17'	172°04'	186°01'
08.05.2040	48°01'	10°48'	17°21'	56°42'	41°50'	122°48'	172°02'	185°58'
09.05.2040	48°59'	23°51'	30°17'	58°48'	43°04'	123°19'	172°00'	185°55'
10.05.2040	49°57'	36°40'	42°59'	60°52'	44°18'	123°50'	171°59'	185°52'
11.05.2040	50°55'	49°16'	55°28'	62°54'	45°32'	124°21'	171°57'	185°50'
12.05.2040	51°53'	61°38'	67°45'	64°54'	46°46'	124°52'	171°56'	185°47'
13.05.2040	52°51'	73°49'	79°51'	66°52'	48°00'	125°24'	171°55'	185°45'
14.05.2040	53°49'	85°51'	91°49'	68°47'	49°14'	125°55'	171°54'	185°42'

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15.05.2040	54°47'	97°45'	103°41'	70°39'	50°28'	126°27'	171°54'	185°40'
16.05.2040	55°45'	109°36'	115°30'	72°29'	51°41'	126°59'	171°53'	185°38'
17.05.2040	56°43'	121°26'	127°22'	74°15'	52°55'	127°30'	171°53'	185°36'
18.05.2040	57°41'	133°20'	139°19'	75°58'	54°09'	128°02'	171°53'	185°34'
19.05.2040	58°38'	145°22'	151°28'	77°39'	55°23'	128°34'	171°53'	185°32'
20.05.2040	59°36'	157°37'	163°51'	79°16'	56°37'	129°06'	171°53'	185°30'
21.05.2040	60°34'	170°10'	176°34'	80°49'	57°51'	129°39'	171°53'	185°28'
22.05.2040	61°32'	183°03'	189°39'	82°20'	59°04'	130°11'	171°54'	185°27'
23.05.2040	62°29'	196°21'	203°09'	83°47'	60°18'	130°43'	171°55'	185°25'
24.05.2040	63°27'	210°03'	217°03'	85°10'	61°32'	131°16'	171°56'	185°24'
25.05.2040	64°24'	224°10'	231°21'	86°30'	62°46'	131°48'	171°57'	185°23'
26.05.2040	65°22'	238°38'	245°58'	87°47'	63°59'	132°21'	171°58'	185°21'
27.05.2040	66°20'	253°22'	260°48'	89°00'	65°13'	132°54'	172°00'	185°20'
28.05.2040	67°17'	268°15'	275°43'	90°09'	66°27'	133°27'	172°01'	185°19'
29.05.2040	68°15'	283°10'	290°35'	91°15'	67°41'	134°00'	172°03'	185°18'
30.05.2040	69°12'	297°59'	305°18'	92°17'	68°54'	134°33'	172°05'	185°17'
31.05.2040	70°10'	312°34'	319°46'	93°15'	70°08'	135°06'	172°07'	185°17'
01.06.2040	71°07'	326°53'	333°55'	94°10'	71°22'	135°39'	172°10'	185°16'
02.06.2040	72°05'	340°51'	347°43'	95°00'	72°36'	136°12'	172°12'	185°16'
03.06.2040	73°02'	354°29'	1°11'	95°46'	73°49'	136°46'	172°15'	185°15'
04.06.2040	74°00'	7°47'	14°19'	96°29'	75°03'	137°19'	172°18'	185°15'
05.06.2040	74°57'	20°47'	27°11'	97°07'	76°17'	137°52'	172°21'	185°15'
06.06.2040	75°55'	33°31'	39°47'	97°40'	77°31'	138°26'	172°24'	185°14'
07.06.2040	76°52'	46°01'	52°11'	98°10'	78°44'	139°00'	172°28'	185°14'
08.06.2040	77°50'	58°19'	64°24'	98°35'	79°58'	139°33'	172°31'	185°14'
09.06.2040	78°47'	70°27'	76°29'	98°56'	81°12'	140°07'	172°35'	185°15'
10.06.2040	79°44'	82°28'	88°26'	99°12'	82°26'	140°41'	172°39'	185°15'
11.06.2040	80°42'	94°23'	100°19'	99°23'	83°39'	141°15'	172°43'	185°15'
12.06.2040	81°39'	106°14'	112°09'	99°30'	84°53'	141°49'	172°47'	185°16'
13.06.2040	82°36'	118°04'	123°59'	99°32'	86°07'	142°23'	172°51'	185°16'
14.06.2040	83°34'	129°55'	135°51'	99°30'	87°21'	142°58'	172°56'	185°17'
15.06.2040	84°31'	141°49'	147°49'	99°23'	88°34'	143°32'	173°01'	185°18'
16.06.2040	85°28'	153°52'	159°57'	99°13'	89°48'	144°06'	173°05'	185°19'
17.06.2040	86°26'	166°05'	172°18'	98°58'	91°02'	144°41'	173°10'	185°20'
18.06.2040	87°23'	178°35'	184°57'	98°39'	92°15'	145°15'	173°16'	185°21'
19.06.2040	88°20'	191°24'	197°57'	98°16'	93°29'	145°50'	173°21'	185°22'
20.06.2040	89°18'	204°36'	211°22'	97°50'	94°43'	146°24'	173°26'	185°23'
21.06.2040	90°15'	218°14'	225°13'	97°22'	95°57'	146°59'	173°32'	185°25'
22.06.2040	91°12'	232°19'	239°32'	96°51'	97°10'	147°34'	173°38'	185°26'
23.06.2040	92°09'	246°50'	254°14'	96°18'	98°24'	148°08'	173°43'	185°28'
24.06.2040	93°06'	261°43'	269°15'	95°44'	99°38'	148°43'	173°49'	185°29'
25.06.2040	94°04'	276°50'	284°26'	95°09'	100°51'	149°18'	173°56'	185°31'
26.06.2040	95°01'	292°03'	299°38'	94°34'	102°05'	149°53'	174°02'	185°33'
27.06.2040	95°58'	307°11'	314°41'	93°59'	103°19'	150°28'	174°08'	185°35'
28.06.2040	96°55'	322°05'	329°25'	93°25'	104°32'	151°03'	174°15'	185°37'
29.06.2040	97°53'	336°39'	343°46'	92°53'	105°46'	151°38'	174°22'	185°39'
30.06.2040	98°50'	350°46'	357°40'	92°23'	107°00'	152°14'	174°28'	185°42'
01.07.2040	99°47'	4°27'	11°08'	91°56'	108°14'	152°49'	174°35'	185°44'
02.07.2040	100°44'	17°42'	24°11'	91°32'	109°27'	153°24'	174°43'	185°46'
03.07.2040	101°41'	30°35'	36°53'	91°11'	110°41'	154°00'	174°50'	185°49'
04.07.2040	102°39'	43°08'	49°18'	90°54'	111°55'	154°35'	174°57'	185°52'
05.07.2040	103°36'	55°25'	61°30'	90°42'	113°08'	155°11'	175°05'	185°54'
06.07.2040	104°33'	67°32'	73°32'	90°34'	114°22'	155°46'	175°12'	185°57'
07.07.2040	105°30'	79°30'	85°27'	90°32'	115°36'	156°22'	175°20'	186°00'
08.07.2040	106°27'	91°23'	97°18'	90°34'	116°49'	156°58'	175°28'	186°03'

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09.07.2040	107°25'	103°13'	109°08'	90°41'	118°03'	157°34'	175°36'	186°06'
10.07.2040	108°22'	115°03'	120°58'	90°53'	119°17'	158°09'	175°44'	186°09'
11.07.2040	109°19'	126°54'	132°50'	91°10'	120°31'	158°45'	175°52'	186°12'
12.07.2040	110°16'	138°48'	144°46'	91°33'	121°44'	159°21'	176°00'	186°16'
13.07.2040	111°14'	150°47'	156°48'	92°01'	122°58'	159°57'	176°09'	186°19'
14.07.2040	112°11'	162°53'	168°59'	92°34'	124°12'	160°33'	176°17'	186°23'
15.07.2040	113°08'	175°08'	181°21'	93°13'	125°25'	161°10'	176°26'	186°26'
16.07.2040	114°05'	187°38'	193°58'	93°56'	126°39'	161°46'	176°35'	186°30'
17.07.2040	115°03'	200°23'	206°54'	94°45'	127°53'	162°22'	176°44'	186°34'
18.07.2040	116°00'	213°30'	220°12'	95°39'	129°06'	162°58'	176°52'	186°38'
19.07.2040	116°57'	227°00'	233°55'	96°38'	130°20'	163°35'	177°02'	186°42'
20.07.2040	117°54'	240°56'	248°04'	97°42'	131°34'	164°11'	177°11'	186°46'
21.07.2040	118°52'	255°19'	262°40'	98°50'	132°47'	164°48'	177°20'	186°50'
22.07.2040	119°49'	270°06'	277°37'	100°04'	134°01'	165°24'	177°29'	186°54'
23.07.2040	120°46'	285°12'	292°49'	101°22'	135°15'	166°01'	177°39'	186°58'
24.07.2040	121°43'	300°28'	308°07'	102°45'	136°28'	166°38'	177°48'	187°03'
25.07.2040	122°41'	315°44'	323°19'	104°12'	137°42'	167°14'	177°58'	187°07'
26.07.2040	123°38'	330°49'	338°14'	105°44'	138°56'	167°51'	178°08'	187°11'
27.07.2040	124°35'	345°33'	352°46'	107°20'	140°09'	168°28'	178°18'	187°16'
28.07.2040	125°33'	359°51'	6°48'	109°00'	141°23'	169°05'	178°28'	187°21'
29.07.2040	126°30'	13°39'	20°22'	110°43'	142°37'	169°42'	178°38'	187°25'
30.07.2040	127°27'	26°57'	33°27'	112°30'	143°50'	170°19'	178°48'	187°30'
31.07.2040	128°25'	39°50'	46°07'	114°20'	145°04'	170°56'	178°58'	187°35'
01.08.2040	129°22'	52°20'	58°28'	116°14'	146°18'	171°33'	179°08'	187°40'
02.08.2040	130°19'	64°33'	70°35'	118°09'	147°31'	172°10'	179°19'	187°45'
03.08.2040	131°17'	76°34'	82°31'	120°07'	148°45'	172°47'	179°29'	187°50'
04.08.2040	132°14'	88°27'	94°22'	122°07'	149°58'	173°24'	179°40'	187°55'
05.08.2040	133°12'	100°17'	106°11'	124°09'	151°12'	174°02'	179°50'	188°00'
06.08.2040	134°09'	112°06'	118°01'	126°11'	152°26'	174°39'	180°01'	188°05'
07.08.2040	135°07'	123°57'	129°54'	128°15'	153°39'	175°16'	180°12'	188°11'
08.08.2040	136°04'	135°52'	141°52'	130°19'	154°53'	175°54'	180°22'	188°16'
09.08.2040	137°02'	147°53'	153°55'	132°23'	156°06'	176°32'	180°33'	188°22'
10.08.2040	137°59'	160°00'	166°06'	134°27'	157°20'	177°09'	180°44'	188°27'
11.08.2040	138°57'	172°15'	178°26'	136°31'	158°34'	177°47'	180°55'	188°33'
12.08.2040	139°55'	184°39'	190°56'	138°34'	159°47'	178°25'	181°07'	188°38'
13.08.2040	140°52'	197°15'	203°38'	140°36'	161°01'	179°02'	181°18'	188°44'
14.08.2040	141°50'	210°04'	216°35'	142°38'	162°14'	179°40'	181°29'	188°50'
15.08.2040	142°47'	223°10'	229°50'	144°39'	163°28'	180°18'	181°40'	188°56'
16.08.2040	143°45'	236°35'	243°26'	146°38'	164°41'	180°56'	181°52'	189°01'
17.08.2040	144°43'	250°22'	257°24'	148°37'	165°55'	181°34'	182°03'	189°07'
18.08.2040	145°40'	264°32'	271°46'	150°34'	167°08'	182°12'	182°15'	189°13'
19.08.2040	146°38'	279°05'	286°28'	152°30'	168°22'	182°50'	182°26'	189°19'
20.08.2040	147°36'	293°56'	301°27'	154°24'	169°35'	183°28'	182°38'	189°25'
21.08.2040	148°34'	309°00'	316°34'	156°17'	170°49'	184°06'	182°50'	189°32'
22.08.2040	149°31'	324°08'	331°40'	158°09'	172°02'	184°45'	183°01'	189°38'
23.08.2040	150°29'	339°09'	346°34'	160°00'	173°16'	185°23'	183°13'	189°44'
24.08.2040	151°27'	353°53'	1°07'	161°49'	174°29'	186°01'	183°25'	189°50'
25.08.2040	152°25'	8°13'	15°13'	163°36'	175°43'	186°40'	183°37'	189°56'
26.08.2040	153°23'	22°05'	28°50'	165°23'	176°56'	187°18'	183°49'	190°03'
27.08.2040	154°21'	35°28'	42°00'	167°08'	178°09'	187°57'	184°01'	190°09'
28.08.2040	155°18'	48°24'	54°43'	168°52'	179°23'	188°35'	184°13'	190°16'
29.08.2040	156°16'	60°57'	67°06'	170°34'	180°36'	189°14'	184°25'	190°22'
30.08.2040	157°14'	73°11'	79°12'	172°15'	181°50'	189°53'	184°37'	190°29'
31.08.2040	158°12'	85°11'	91°08'	173°55'	183°03'	190°31'	184°49'	190°35'
01.09.2040	159°10'	97°04'	102°59'	175°33'	184°16'	191°10'	185°02'	190°42'

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02.09.2040	160°09'	108°54'	114°48'	177°11'	185°30'	191°49'	185°14'	190°49'
03.09.2040	161°07'	120°44'	126°41'	178°47'	186°43'	192°28'	185°26'	190°55'
04.09.2040	162°05'	132°39'	138°38'	180°22'	187°56'	193°07'	185°39'	191°02'
05.09.2040	163°03'	144°40'	150°44'	181°55'	189°10'	193°46'	185°51'	191°09'
06.09.2040	164°01'	156°50'	162°59'	183°28'	190°23'	194°25'	186°03'	191°16'
07.09.2040	164°59'	169°09'	175°23'	184°59'	191°36'	195°04'	186°16'	191°22'
08.09.2040	165°58'	181°39'	187°57'	186°29'	192°49'	195°43'	186°28'	191°29'
09.09.2040	166°56'	194°18'	200°42'	187°58'	194°03'	196°23'	186°41'	191°36'
10.09.2040	167°54'	207°09'	213°38'	189°25'	195°16'	197°02'	186°54'	191°43'
11.09.2040	168°53'	220°11'	226°46'	190°51'	196°29'	197°41'	187°06'	191°50'
12.09.2040	169°51'	233°25'	240°08'	192°16'	197°42'	198°21'	187°19'	191°57'
13.09.2040	170°49'	246°54'	253°45'	193°40'	198°55'	199°00'	187°31'	192°04'
14.09.2040	171°48'	260°39'	267°38'	195°02'	200°08'	199°40'	187°44'	192°11'
15.09.2040	172°46'	274°40'	281°47'	196°23'	201°22'	200°19'	187°57'	192°18'
16.09.2040	173°45'	288°58'	296°12'	197°43'	202°35'	200°59'	188°10'	192°25'
17.09.2040	174°43'	303°30'	310°50'	199°01'	203°48'	201°39'	188°22'	192°32'
18.09.2040	175°42'	318°12'	325°35'	200°18'	205°01'	202°19'	188°35'	192°40'
19.09.2040	176°40'	332°57'	340°19'	201°33'	206°14'	202°58'	188°48'	192°47'
20.09.2040	177°39'	347°39'	354°55'	202°47'	207°27'	203°38'	189°01'	192°54'
21.09.2040	178°37'	2°08'	9°16'	203°59'	208°40'	204°18'	189°14'	193°01'
22.09.2040	179°36'	16°19'	23°16'	205°09'	209°53'	204°58'	189°27'	193°08'
23.09.2040	180°35'	30°06'	36°51'	206°17'	211°06'	205°38'	189°39'	193°16'
24.09.2040	181°34'	43°28'	50°00'	207°23'	212°19'	206°18'	189°52'	193°23'
25.09.2040	182°32'	56°26'	62°46'	208°27'	213°32'	206°58'	190°05'	193°30'
26.09.2040	183°31'	69°01'	75°11'	209°29'	214°45'	207°39'	190°18'	193°37'
27.09.2040	184°30'	81°17'	87°20'	210°28'	215°57'	208°19'	190°31'	193°45'
28.09.2040	185°29'	93°20'	99°18'	211°25'	217°10'	208°59'	190°44'	193°52'
29.09.2040	186°28'	105°15'	111°10'	212°19'	218°23'	209°40'	190°57'	193°59'
30.09.2040	187°27'	117°06'	123°01'	213°09'	219°36'	210°20'	191°10'	194°07'
01.10.2040	188°26'	128°58'	134°56'	213°57'	220°49'	211°00'	191°23'	194°14'
02.10.2040	189°25'	140°56'	146°58'	214°40'	222°01'	211°41'	191°36'	194°21'
03.10.2040	190°24'	153°03'	159°11'	215°20'	223°14'	212°22'	191°49'	194°29'
04.10.2040	191°23'	165°22'	171°36'	215°55'	224°27'	213°02'	192°02'	194°36'
05.10.2040	192°22'	177°54'	184°15'	216°25'	225°40'	213°43'	192°15'	194°43'
06.10.2040	193°21'	190°39'	197°07'	216°50'	226°52'	214°24'	192°28'	194°51'
07.10.2040	194°20'	203°38'	210°13'	217°10'	228°05'	215°05'	192°41'	194°58'
08.10.2040	195°19'	216°50'	223°31'	217°24'	229°18'	215°46'	192°54'	195°05'
09.10.2040	196°19'	230°14'	237°00'	217°31'	230°30'	216°26'	193°07'	195°13'
10.10.2040	197°18'	243°49'	250°40'	217°31'	231°43'	217°07'	193°20'	195°20'
11.10.2040	198°17'	257°34'	264°30'	217°23'	232°55'	217°49'	193°33'	195°27'
12.10.2040	199°17'	271°28'	278°28'	217°08'	234°08'	218°30'	193°46'	195°35'
13.10.2040	200°16'	285°31'	292°35'	216°44'	235°20'	219°11'	193°59'	195°42'
14.10.2040	201°16'	299°41'	306°48'	216°13'	236°33'	219°52'	194°12'	195°50'
15.10.2040	202°15'	313°57'	321°06'	215°32'	237°45'	220°33'	194°25'	195°57'
16.10.2040	203°14'	328°16'	335°25'	214°44'	238°58'	221°15'	194°38'	196°04'
17.10.2040	204°14'	342°34'	349°42'	213°48'	240°10'	221°56'	194°51'	196°11'
18.10.2040	205°13'	356°47'	3°50'	212°45'	241°22'	222°38'	195°04'	196°19'
19.10.2040	206°13'	10°51'	17°47'	211°37'	242°35'	223°19'	195°17'	196°26'
20.10.2040	207°13'	24°40'	31°28'	210°24'	243°47'	224°01'	195°29'	196°33'
21.10.2040	208°12'	38°11'	44°50'	209°10'	244°59'	224°42'	195°42'	196°41'
22.10.2040	209°12'	51°23'	57°52'	207°55'	246°11'	225°24'	195°55'	196°48'
23.10.2040	210°12'	64°15'	70°34'	206°43'	247°23'	226°06'	196°08'	196°55'
24.10.2040	211°11'	76°49'	82°59'	205°35'	248°36'	226°48'	196°21'	197°02'
25.10.2040	212°11'	89°06'	95°09'	204°33'	249°48'	227°29'	196°33'	197°10'
26.10.2040	213°11'	101°10'	107°09'	203°40'	251°00'	228°11'	196°46'	197°17'

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27.10.2040	214°11'	113°06'	119°02'	202°56'	252°12'	228°53'	196°59'	197°24'
28.10.2040	215°11'	124°58'	130°55'	202°24'	253°24'	229°35'	197°12'	197°31'
29.10.2040	216°11'	136°52'	142°50'	202°02'	254°35'	230°17'	197°24'	197°38'
30.10.2040	217°10'	148°51'	154°54'	201°52'	255°47'	231°00'	197°37'	197°45'
31.10.2040	218°10'	161°00'	167°09'	201°53'	256°59'	231°42'	197°50'	197°52'
01.11.2040	219°10'	173°23'	179°40'	202°06'	258°11'	232°24'	198°02'	197°59'
02.11.2040	220°11'	186°02'	192°29'	202°28'	259°23'	233°06'	198°15'	198°06'
03.11.2040	221°11'	199°00'	205°36'	203°01'	260°34'	233°49'	198°27'	198°13'
04.11.2040	222°11'	212°17'	219°02'	203°42'	261°46'	234°31'	198°40'	198°20'
05.11.2040	223°11'	225°51'	232°45'	204°30'	262°58'	235°14'	198°52'	198°27'
06.11.2040	224°11'	239°42'	246°41'	205°26'	264°09'	235°56'	199°05'	198°34'
07.11.2040	225°11'	253°44'	260°49'	206°28'	265°21'	236°39'	199°17'	198°41'
08.11.2040	226°12'	267°55'	275°03'	207°36'	266°32'	237°22'	199°29'	198°48'
09.11.2040	227°12'	282°12'	289°20'	208°47'	267°44'	238°04'	199°41'	198°55'
10.11.2040	228°12'	296°29'	303°37'	210°03'	268°55'	238°47'	199°54'	199°02'
11.11.2040	229°12'	310°45'	317°51'	211°23'	270°06'	239°30'	200°06'	199°08'
12.11.2040	230°13'	324°56'	331°59'	212°45'	271°17'	240°13'	200°18'	199°15'
13.11.2040	231°13'	339°00'	345°59'	214°09'	272°29'	240°56'	200°30'	199°22'
14.11.2040	232°13'	352°56'	359°50'	215°36'	273°40'	241°39'	200°42'	199°28'
15.11.2040	233°14'	6°42'	13°30'	217°04'	274°51'	242°22'	200°54'	199°35'
16.11.2040	234°14'	20°16'	26°59'	218°34'	276°02'	243°05'	201°06'	199°41'
17.11.2040	235°15'	33°38'	40°14'	220°04'	277°12'	243°48'	201°18'	199°48'
18.11.2040	236°15'	46°46'	53°15'	221°36'	278°23'	244°31'	201°30'	199°54'
19.11.2040	237°16'	59°40'	66°02'	223°08'	279°34'	245°14'	201°41'	200°00'
20.11.2040	238°16'	72°20'	78°34'	224°41'	280°44'	245°58'	201°53'	200°07'
21.11.2040	239°17'	84°46'	90°54'	226°15'	281°55'	246°41'	202°05'	200°13'
22.11.2040	240°17'	96°59'	103°02'	227°48'	283°05'	247°25'	202°16'	200°19'
23.11.2040	241°18'	109°02'	115°01'	229°22'	284°16'	248°08'	202°28'	200°26'
24.11.2040	242°19'	120°58'	126°54'	230°56'	285°26'	248°52'	202°39'	200°32'
25.11.2040	243°19'	132°50'	138°46'	232°30'	286°36'	249°35'	202°50'	200°38'
26.11.2040	244°20'	144°42'	150°40'	234°05'	287°46'	250°19'	203°02'	200°44'
27.11.2040	245°21'	156°40'	162°42'	235°39'	288°56'	251°03'	203°13'	200°50'
28.11.2040	246°21'	168°47'	174°55'	237°14'	290°06'	251°46'	203°24'	200°56'
29.11.2040	247°22'	181°08'	187°25'	238°48'	291°16'	252°30'	203°35'	201°01'
30.11.2040	248°23'	193°47'	200°15'	240°22'	292°25'	253°14'	203°46'	201°07'
01.12.2040	249°24'	206°49'	213°28'	241°57'	293°35'	253°58'	203°57'	201°13'
02.12.2040	250°25'	220°14'	227°05'	243°31'	294°44'	254°42'	204°08'	201°19'
03.12.2040	251°26'	234°03'	241°06'	245°05'	295°54'	255°26'	204°18'	201°24'
04.12.2040	252°26'	248°14'	255°26'	246°39'	297°03'	256°10'	204°29'	201°30'
05.12.2040	253°27'	262°43'	270°02'	248°13'	298°12'	256°54'	204°40'	201°35'
06.12.2040	254°28'	277°24'	284°46'	249°48'	299°21'	257°38'	204°50'	201°41'
07.12.2040	255°29'	292°09'	299°32'	251°22'	300°29'	258°23'	205°01'	201°46'
08.12.2040	256°30'	306°52'	314°11'	252°56'	301°38'	259°07'	205°11'	201°51'
09.12.2040	257°31'	321°26'	328°38'	254°30'	302°47'	259°51'	205°21'	201°56'
10.12.2040	258°32'	335°46'	342°50'	256°04'	303°55'	260°36'	205°31'	202°02'
11.12.2040	259°33'	349°49'	356°44'	257°38'	305°03'	261°20'	205°41'	202°07'
12.12.2040	260°34'	3°35'	10°21'	259°13'	306°11'	262°05'	205°51'	202°12'
13.12.2040	261°35'	17°03'	23°41'	260°47'	307°19'	262°49'	206°01'	202°17'
14.12.2040	262°36'	30°15'	36°46'	262°21'	308°26'	263°34'	206°11'	202°21'
15.12.2040	263°37'	43°13'	49°37'	263°56'	309°34'	264°18'	206°20'	202°26'
16.12.2040	264°38'	55°58'	62°16'	265°30'	310°41'	265°03'	206°30'	202°31'
17.12.2040	265°39'	68°32'	74°45'	267°05'	311°48'	265°48'	206°39'	202°35'
18.12.2040	266°40'	80°55'	87°03'	268°40'	312°55'	266°33'	206°49'	202°40'
19.12.2040	267°41'	93°09'	99°13'	270°15'	314°01'	267°17'	206°58'	202°44'
20.12.2040	268°42'	105°15'	111°16'	271°50'	315°08'	268°02'	207°07'	202°49'

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21.12.2040	269°43'	117°15'	123°12'	273°25'	316°14'	268°47'	207°16'	202°53'
22.12.2040	270°44'	129°09'	135°05'	275°01'	317°20'	269°32'	207°25'	202°57'
23.12.2040	271°45'	141°01'	146°56'	276°36'	318°25'	270°17'	207°33'	203°01'
24.12.2040	272°47'	152°52'	158°49'	278°12'	319°31'	271°02'	207°42'	203°05'
25.12.2040	273°48'	164°48'	170°48'	279°48'	320°36'	271°47'	207°51'	203°09'
26.12.2040	274°49'	176°51'	182°57'	281°25'	321°41'	272°33'	207°59'	203°13'
27.12.2040	275°50'	189°07'	195°22'	283°01'	322°45'	273°18'	208°07'	203°17'
28.12.2040	276°51'	201°41'	208°06'	284°38'	323°50'	274°03'	208°15'	203°20'
29.12.2040	277°52'	214°37'	221°14'	286°15'	324°54'	274°48'	208°23'	203°24'
30.12.2040	278°53'	227°58'	234°49'	287°52'	325°57'	275°34'	208°31'	203°28'
31.12.2040	279°55'	241°48'	248°53'	289°29'	327°01'	276°19'	208°39'	203°31'
01.01.2041	280°56'	256°06'	263°24'	291°06'	328°04'	277°05'	208°47'	203°34'
02.01.2041	281°57'	270°48'	278°17'	292°44'	329°06'	277°50'	208°54'	203°37'
03.01.2041	282°58'	285°50'	293°24'	294°21'	330°09'	278°36'	209°01'	203°41'
04.01.2041	283°59'	301°00'	308°35'	295°58'	331°11'	279°21'	209°09'	203°44'
05.01.2041	285°00'	316°09'	323°40'	297°35'	332°12'	280°07'	209°16'	203°47'
06.01.2041	286°02'	331°07'	338°29'	299°12'	333°14'	280°52'	209°23'	203°49'
07.01.2041	287°03'	345°46'	352°56'	300°48'	334°14'	281°38'	209°29'	203°52'
08.01.2041	288°04'	0°00'	6°58'	302°24'	335°15'	282°24'	209°36'	203°55'
09.01.2041	289°05'	13°49'	20°35'	303°59'	336°15'	283°10'	209°43'	203°57'
10.01.2041	290°06'	27°14'	33°48'	305°33'	337°14'	283°55'	209°49'	204°00'
11.01.2041	291°07'	40°16'	46°41'	307°06'	338°13'	284°41'	209°55'	204°02'
12.01.2041	292°09'	53°00'	59°17'	308°37'	339°12'	285°27'	210°01'	204°04'
13.01.2041	293°10'	65°30'	71°40'	310°07'	340°10'	286°13'	210°07'	204°06'
14.01.2041	294°11'	77°48'	83°53'	311°34'	341°07'	286°59'	210°13'	204°08'
15.01.2041	295°12'	89°57'	95°59'	312°58'	342°04'	287°45'	210°18'	204°10'
16.01.2041	296°13'	102°00'	107°59'	314°20'	343°00'	288°31'	210°24'	204°12'
17.01.2041	297°14'	113°58'	119°56'	315°37'	343°56'	289°17'	210°29'	204°14'
18.01.2041	298°15'	125°53'	131°49'	316°50'	344°51'	290°03'	210°34'	204°15'
19.01.2041	299°16'	137°46'	143°42'	317°58'	345°45'	290°49'	210°39'	204°17'
20.01.2041	300°17'	149°38'	155°34'	319°00'	346°39'	291°35'	210°44'	204°18'
21.01.2041	301°18'	161°31'	167°29'	319°55'	347°32'	292°22'	210°48'	204°20'
22.01.2041	302°19'	173°28'	179°28'	320°42'	348°24'	293°08'	210°53'	204°21'
23.01.2041	303°20'	185°31'	191°37'	321°21'	349°16'	293°54'	210°57'	204°22'
24.01.2041	304°21'	197°45'	203°57'	321°50'	350°07'	294°40'	211°01'	204°23'
25.01.2041	305°22'	210°14'	216°35'	322°09'	350°57'	295°27'	211°05'	204°24'
26.01.2041	306°23'	223°02'	229°35'	322°18'	351°46'	296°13'	211°09'	204°25'
27.01.2041	307°24'	236°15'	243°01'	322°15'	352°34'	297°00'	211°12'	204°25'
28.01.2041	308°25'	249°55'	256°56'	322°01'	353°22'	297°46'	211°16'	204°26'
29.01.2041	309°26'	264°05'	271°21'	321°35'	354°08'	298°33'	211°19'	204°26'
30.01.2041	310°27'	278°44'	286°12'	320°59'	354°54'	299°19'	211°22'	204°27'
31.01.2041	311°28'	293°46'	301°24'	320°12'	355°38'	300°06'	211°25'	204°27'
01.02.2041	312°29'	309°04'	316°45'	319°17'	356°22'	300°52'	211°28'	204°27'
02.02.2041	313°30'	324°26'	332°05'	318°14'	357°04'	301°39'	211°30'	204°27'
03.02.2041	314°31'	339°41'	347°11'	317°06'	357°45'	302°25'	211°32'	204°27'
04.02.2041	315°32'	354°37'	1°55'	315°54'	358°25'	303°12'	211°34'	204°27'
05.02.2041	316°33'	9°07'	16°11'	314°41'	359°04'	303°59'	211°36'	204°26'
06.02.2041	317°34'	23°08'	29°58'	313°28'	359°42'	304°45'	211°38'	204°26'
07.02.2041	318°34'	36°40'	43°16'	312°18'	0°18'	305°32'	211°40'	204°25'
08.02.2041	319°35'	49°45'	56°08'	311°13'	0°53'	306°19'	211°41'	204°25'
09.02.2041	320°36'	62°27'	68°41'	310°12'	1°26'	307°05'	211°42'	204°24'
10.02.2041	321°37'	74°51'	80°58'	309°19'	1°58'	307°52'	211°43'	204°23'
11.02.2041	322°37'	87°01'	93°03'	308°33'	2°28'	308°39'	211°44'	204°22'
12.02.2041	323°38'	99°03'	105°01'	307°54'	2°57'	309°26'	211°45'	204°21'
13.02.2041	324°39'	110°58'	116°55'	307°24'	3°24'	310°13'	211°45'	204°20'

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14.02.2041	325°39'	122°51'	128°47'	307°02'	3°49'	310°59'	211°45'	204°19'
15.02.2041	326°40'	134°43'	140°40'	306°48'	4°12'	311°46'	211°46'	204°18'
16.02.2041	327°41'	146°36'	152°34'	306°41'	4°33'	312°33'	211°45'	204°16'
17.02.2041	328°41'	158°31'	164°30'	306°41'	4°53'	313°20'	211°45'	204°15'
18.02.2041	329°42'	170°30'	176°31'	306°49'	5°10'	314°07'	211°45'	204°13'
19.02.2041	330°42'	182°33'	188°37'	307°02'	5°26'	314°54'	211°44'	204°11'
20.02.2041	331°43'	194°43'	200°52'	307°22'	5°39'	315°41'	211°43'	204°09'
21.02.2041	332°43'	207°02'	213°17'	307°47'	5°50'	316°28'	211°42'	204°07'
22.02.2041	333°43'	219°34'	225°56'	308°17'	5°59'	317°15'	211°41'	204°05'
23.02.2041	334°44'	232°22'	238°53'	308°52'	6°06'	318°02'	211°39'	204°03'
24.02.2041	335°44'	245°29'	252°12'	309°32'	6°10'	318°49'	211°38'	204°01'
25.02.2041	336°45'	259°01'	265°56'	310°15'	6°12'	319°36'	211°36'	203°59'
26.02.2041	337°45'	272°58'	280°07'	311°03'	6°11'	320°23'	211°34'	203°56'
27.02.2041	338°45'	287°22'	294°43'	311°54'	6°08'	321°10'	211°32'	203°54'
28.02.2041	339°46'	302°09'	309°40'	312°48'	6°02'	321°57'	211°29'	203°51'
01.03.2041	340°46'	317°15'	324°52'	313°45'	5°54'	322°44'	211°27'	203°49'
02.03.2041	341°46'	332°29'	340°06'	314°44'	5°44'	323°31'	211°24'	203°46'
03.03.2041	342°46'	347°42'	355°14'	315°47'	5°31'	324°18'	211°21'	203°43'
04.03.2041	343°47'	2°41'	10°03'	316°52'	5°15'	325°05'	211°18'	203°40'
05.03.2041	344°47'	17°19'	24°28'	317°59'	4°57'	325°52'	211°15'	203°37'
06.03.2041	345°47'	31°29'	38°23'	319°08'	4°37'	326°39'	211°11'	203°34'
07.03.2041	346°47'	45°10'	51°50'	320°19'	4°14'	327°27'	211°08'	203°31'
08.03.2041	347°47'	58°23'	64°50'	321°32'	3°50'	328°14'	211°04'	203°27'
09.03.2041	348°47'	71°11'	77°27'	322°47'	3°23'	329°01'	211°00'	203°24'
10.03.2041	349°47'	83°38'	89°45'	324°04'	2°54'	329°48'	210°56'	203°21'
11.03.2041	350°47'	95°49'	101°50'	325°23'	2°23'	330°35'	210°51'	203°17'
12.03.2041	351°47'	107°49'	113°47'	326°43'	1°51'	331°22'	210°47'	203°14'
13.03.2041	352°47'	119°43'	125°39'	328°04'	1°17'	332°09'	210°42'	203°10'
14.03.2041	353°47'	131°34'	137°30'	329°27'	0°41'	332°56'	210°38'	203°06'
15.03.2041	354°46'	143°26'	149°23'	330°52'	0°05'	333°43'	210°33'	203°03'
16.03.2041	355°46'	155°21'	161°21'	332°18'	359°28'	334°31'	210°28'	202°59'
17.03.2041	356°46'	167°21'	173°24'	333°45'	358°51'	335°18'	210°22'	202°55'
18.03.2041	357°45'	179°28'	185°34'	335°14'	358°13'	336°05'	210°17'	202°51'
19.03.2041	358°45'	191°43'	197°53'	336°44'	357°35'	336°52'	210°11'	202°47'
20.03.2041	359°45'	204°06'	210°21'	338°15'	356°58'	337°39'	210°06'	202°43'
21.03.2041	0°44'	216°39'	222°59'	339°48'	356°20'	338°26'	210°00'	202°39'
22.03.2041	1°44'	229°23'	235°50'	341°22'	355°44'	339°13'	209°54'	202°35'
23.03.2041	2°43'	242°21'	248°56'	342°57'	355°09'	340°00'	209°48'	202°31'
24.03.2041	3°43'	255°35'	262°18'	344°34'	354°34'	340°47'	209°42'	202°27'
25.03.2041	4°42'	269°06'	275°59'	346°12'	354°02'	341°34'	209°36'	202°22'
26.03.2041	5°42'	282°57'	290°00'	347°51'	353°31'	342°21'	209°29'	202°18'
27.03.2041	6°41'	297°08'	304°20'	349°32'	353°01'	343°08'	209°23'	202°14'
28.03.2041	7°41'	311°36'	318°56'	351°14'	352°34'	343°55'	209°16'	202°09'
29.03.2041	8°40'	326°19'	333°45'	352°57'	352°08'	344°42'	209°09'	202°05'
30.03.2041	9°39'	341°11'	348°37'	354°42'	351°45'	345°29'	209°03'	202°00'
31.03.2041	10°39'	356°03'	3°27'	356°28'	351°24'	346°16'	208°56'	201°56'
01.04.2041	11°38'	10°47'	18°04'	358°15'	351°05'	347°03'	208°49'	201°51'
02.04.2041	12°37'	25°16'	32°22'	0°04'	350°49'	347°50'	208°42'	201°47'
03.04.2041	13°36'	39°23'	46°18'	1°54'	350°35'	348°37'	208°34'	201°42'
04.04.2041	14°36'	53°06'	59°48'	3°46'	350°24'	349°24'	208°27'	201°38'
05.04.2041	15°35'	66°23'	72°53'	5°39'	350°15'	350°11'	208°20'	201°33'
06.04.2041	16°34'	79°16'	85°35'	7°33'	350°08'	350°58'	208°13'	201°29'
07.04.2041	17°33'	91°49'	97°58'	9°29'	350°04'	351°45'	208°05'	201°24'
08.04.2041	18°32'	104°04'	110°07'	11°26'	350°03'	352°32'	207°58'	201°19'
09.04.2041	19°31'	116°07'	122°05'	13°25'	350°03'	353°18'	207°50'	201°15'

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10.04.2041	20°30'	128°02'	133°58'	15°25'	350°06'	354°05'	207°43'	201°10'
11.04.2041	21°29'	139°54'	145°50'	17°26'	350°12'	354°52'	207°35'	201°06'
12.04.2041	22°28'	151°47'	157°45'	19°28'	350°19'	355°39'	207°28'	201°01'
13.04.2041	23°26'	163°45'	169°47'	21°32'	350°29'	356°26'	207°20'	200°56'
14.04.2041	24°25'	175°51'	181°57'	23°36'	350°41'	357°12'	207°12'	200°52'
15.04.2041	25°24'	188°06'	194°18'	25°42'	350°55'	357°59'	207°05'	200°47'
16.04.2041	26°23'	200°33'	206°52'	27°48'	351°11'	358°46'	206°57'	200°42'
17.04.2041	27°21'	213°13'	219°38'	29°54'	351°29'	359°32'	206°49'	200°38'
18.04.2041	28°20'	226°06'	232°37'	32°01'	351°49'	0°19'	206°42'	200°33'
19.04.2041	29°19'	239°11'	245°49'	34°09'	352°10'	1°05'	206°34'	200°29'
20.04.2041	30°17'	252°30'	259°14'	36°16'	352°34'	1°52'	206°26'	200°24'
21.04.2041	31°16'	266°02'	272°52'	38°22'	352°59'	2°38'	206°19'	200°20'
22.04.2041	32°14'	279°46'	286°43'	40°28'	353°26'	3°25'	206°11'	200°15'
23.04.2041	33°13'	293°42'	300°44'	42°33'	353°54'	4°11'	206°03'	200°11'
24.04.2041	34°11'	307°49'	314°56'	44°36'	354°24'	4°58'	205°56'	200°06'
25.04.2041	35°10'	322°05'	329°16'	46°38'	354°55'	5°44'	205°48'	200°02'
26.04.2041	36°08'	336°28'	343°41'	48°38'	355°28'	6°31'	205°41'	199°58'
27.04.2041	37°07'	350°53'	358°06'	50°35'	356°02'	7°17'	205°33'	199°53'
28.04.2041	38°05'	5°17'	12°27'	52°30'	356°38'	8°03'	205°26'	199°49'
29.04.2041	39°03'	19°35'	26°39'	54°22'	357°15'	8°50'	205°19'	199°45'
30.04.2041	40°02'	33°41'	40°38'	56°11'	357°52'	9°36'	205°11'	199°41'
01.05.2041	41°00'	47°31'	54°20'	57°57'	358°31'	10°22'	205°04'	199°36'
02.05.2041	41°58'	61°03'	67°42'	59°39'	359°12'	11°08'	204°57'	199°32'
03.05.2041	42°57'	74°15'	80°44'	61°18'	359°53'	11°55'	204°50'	199°28'
04.05.2041	43°55'	87°07'	93°26'	62°53'	0°35'	12°41'	204°43'	199°24'
05.05.2041	44°53'	99°41'	105°52'	64°24'	1°18'	13°27'	204°36'	199°20'
06.05.2041	45°51'	111°58'	118°02'	65°51'	2°02'	14°13'	204°29'	199°16'
07.05.2041	46°49'	124°04'	130°03'	67°14'	2°47'	14°59'	204°23'	199°13'
08.05.2041	47°47'	136°01'	141°57'	68°33'	3°33'	15°45'	204°16'	199°09'
09.05.2041	48°45'	147°54'	153°50'	69°48'	4°20'	16°31'	204°10'	199°05'
10.05.2041	49°43'	159°48'	165°47'	70°59'	5°07'	17°16'	204°03'	199°01'
11.05.2041	50°41'	171°47'	177°51'	72°05'	5°55'	18°02'	203°57'	198°58'
12.05.2041	51°39'	183°56'	190°06'	73°07'	6°44'	18°48'	203°51'	198°54'
13.05.2041	52°37'	196°18'	202°35'	74°05'	7°34'	19°34'	203°45'	198°51'
14.05.2041	53°35'	208°56'	215°21'	74°57'	8°25'	20°19'	203°39'	198°47'
15.05.2041	54°33'	221°51'	228°25'	75°46'	9°16'	21°05'	203°33'	198°44'
16.05.2041	55°31'	235°04'	241°47'	76°30'	10°07'	21°51'	203°28'	198°41'
17.05.2041	56°29'	248°34'	255°24'	77°09'	11°00'	22°36'	203°22'	198°38'
18.05.2041	57°26'	262°19'	269°16'	77°43'	11°53'	23°22'	203°17'	198°35'
19.05.2041	58°24'	276°17'	283°19'	78°13'	12°46'	24°07'	203°12'	198°32'
20.05.2041	59°22'	290°24'	297°30'	78°37'	13°40'	24°53'	203°07'	198°29'
21.05.2041	60°20'	304°37'	311°44'	78°57'	14°35'	25°38'	203°02'	198°26'
22.05.2041	61°17'	318°52'	326°00'	79°12'	15°30'	26°23'	202°57'	198°23'
23.05.2041	62°15'	333°07'	340°13'	79°22'	16°26'	27°09'	202°52'	198°20'
24.05.2041	63°13'	347°18'	354°22'	79°28'	17°22'	27°54'	202°48'	198°18'
25.05.2041	64°10'	1°24'	8°25'	79°29'	18°18'	28°39'	202°43'	198°15'
26.05.2041	65°08'	15°23'	22°19'	79°25'	19°15'	29°24'	202°39'	198°13'
27.05.2041	66°06'	29°13'	36°04'	79°16'	20°13'	30°09'	202°35'	198°10'
28.05.2041	67°03'	42°52'	49°37'	79°04'	21°10'	30°54'	202°31'	198°08'
29.05.2041	68°01'	56°18'	62°56'	78°47'	22°09'	31°39'	202°28'	198°06'
30.05.2041	68°59'	69°31'	76°02'	78°27'	23°07'	32°24'	202°24'	198°04'
31.05.2041	69°56'	82°29'	88°52'	78°03'	24°06'	33°09'	202°21'	198°02'
01.06.2041	70°54'	95°12'	101°28'	77°37'	25°05'	33°54'	202°18'	198°00'
02.06.2041	71°51'	107°40'	113°49'	77°08'	26°05'	34°39'	202°15'	197°58'
03.06.2041	72°49'	119°55'	125°58'	76°37'	27°05'	35°23'	202°12'	197°57'

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04.06.2041	73°46'	131°59'	137°58'	76°05'	28°05'	36°08'	202°09'	197°55'
05.06.2041	74°44'	143°56'	149°52'	75°32'	29°06'	36°53'	202°07'	197°53'
06.06.2041	75°41'	155°49'	161°45'	74°58'	30°07'	37°37'	202°05'	197°52'
07.06.2041	76°38'	167°42'	173°41'	74°25'	31°08'	38°22'	202°03'	197°51'
08.06.2041	77°36'	179°41'	185°44'	73°52'	32°10'	39°06'	202°01'	197°49'
09.06.2041	78°33'	191°50'	198°00'	73°21'	33°11'	39°50'	201°59'	197°48'
10.06.2041	79°31'	204°14'	210°33'	72°52'	34°13'	40°35'	201°57'	197°47'
11.06.2041	80°28'	216°57'	223°26'	72°25'	35°16'	41°19'	201°56'	197°46'
12.06.2041	81°25'	230°01'	236°42'	72°01'	36°18'	42°03'	201°55'	197°45'
13.06.2041	82°23'	243°29'	250°21'	71°41'	37°21'	42°47'	201°54'	197°45'
14.06.2041	83°20'	257°19'	264°22'	71°24'	38°24'	43°31'	201°53'	197°44'
15.06.2041	84°17'	271°30'	278°41'	71°10'	39°27'	44°15'	201°52'	197°43'
16.06.2041	85°15'	285°55'	293°12'	71°01'	40°31'	44°59'	201°52'	197°43'
17.06.2041	86°12'	300°30'	307°49'	70°57'	41°34'	45°43'	201°51'	197°43'
18.06.2041	87°09'	315°07'	322°25'	70°56'	42°38'	46°27'	201°51'	197°42'
19.06.2041	88°06'	329°41'	336°54'	71°01'	43°43'	47°11'	201°51'	197°42'
20.06.2041	89°04'	344°04'	351°12'	71°09'	44°47'	47°55'	201°51'	197°42'
21.06.2041	90°01'	358°16'	5°16'	71°23'	45°51'	48°38'	201°52'	197°42'
22.06.2041	90°58'	12°13'	19°06'	71°41'	46°56'	49°22'	201°52'	197°42'
23.06.2041	91°55'	25°56'	32°42'	72°04'	48°01'	50°05'	201°53'	197°43'
24.06.2041	92°53'	39°25'	46°04'	72°31'	49°06'	50°49'	201°54'	197°43'
25.06.2041	93°50'	52°40'	59°13'	73°03'	50°12'	51°32'	201°55'	197°43'
26.06.2041	94°47'	65°43'	72°11'	73°40'	51°17'	52°16'	201°57'	197°44'
27.06.2041	95°44'	78°35'	84°56'	74°21'	52°23'	52°59'	201°58'	197°45'
28.06.2041	96°42'	91°15'	97°31'	75°07'	53°28'	53°42'	202°00'	197°45'
29.06.2041	97°39'	103°44'	109°55'	75°56'	54°34'	54°25'	202°01'	197°46'
30.06.2041	98°36'	116°02'	122°08'	76°50'	55°40'	55°08'	202°03'	197°47'
01.07.2041	99°33'	128°11'	134°12'	77°49'	56°47'	55°51'	202°06'	197°48'
02.07.2041	100°31'	140°11'	146°09'	78°51'	57°53'	56°34'	202°08'	197°49'
03.07.2041	101°28'	152°05'	158°01'	79°58'	59°00'	57°17'	202°11'	197°51'
04.07.2041	102°25'	163°56'	169°52'	81°08'	60°06'	58°00'	202°13'	197°52'
05.07.2041	103°22'	175°48'	181°45'	82°23'	61°13'	58°43'	202°16'	197°53'
06.07.2041	104°20'	187°45'	193°46'	83°41'	62°20'	59°25'	202°19'	197°55'
07.07.2041	105°17'	199°51'	206°00'	85°04'	63°27'	60°08'	202°22'	197°57'
08.07.2041	106°14'	212°13'	218°32'	86°30'	64°34'	60°50'	202°26'	197°58'
09.07.2041	107°11'	224°56'	231°26'	88°00'	65°42'	61°33'	202°29'	198°00'
10.07.2041	108°08'	238°02'	244°45'	89°34'	66°49'	62°15'	202°33'	198°02'
11.07.2041	109°06'	251°36'	258°33'	91°11'	67°57'	62°58'	202°37'	198°04'
12.07.2041	110°03'	265°37'	272°48'	92°52'	69°04'	63°40'	202°41'	198°06'
13.07.2041	111°00'	280°04'	287°25'	94°37'	70°12'	64°22'	202°45'	198°08'
14.07.2041	111°57'	294°51'	302°19'	96°24'	71°20'	65°04'	202°49'	198°11'
15.07.2041	112°54'	309°50'	317°21'	98°15'	72°28'	65°46'	202°54'	198°13'
16.07.2041	113°52'	324°51'	332°20'	100°09'	73°36'	66°28'	202°58'	198°16'
17.07.2041	114°49'	339°46'	347°08'	102°05'	74°45'	67°10'	203°03'	198°18'
18.07.2041	115°46'	354°26'	1°39'	104°04'	75°53'	67°52'	203°08'	198°21'
19.07.2041	116°43'	8°47'	15°49'	106°04'	77°02'	68°33'	203°13'	198°24'
20.07.2041	117°40'	22°46'	29°37'	108°07'	78°10'	69°15'	203°19'	198°26'
21.07.2041	118°38'	36°24'	43°05'	110°11'	79°19'	69°57'	203°24'	198°29'
22.07.2041	119°35'	49°42'	56°14'	112°17'	80°28'	70°38'	203°30'	198°32'
23.07.2041	120°32'	62°43'	69°08'	114°23'	81°37'	71°20'	203°35'	198°35'
24.07.2041	121°30'	75°29'	81°48'	116°31'	82°46'	72°01'	203°41'	198°39'
25.07.2041	122°27'	88°03'	94°17'	118°38'	83°55'	72°42'	203°47'	198°42'
26.07.2041	123°24'	100°27'	106°36'	120°45'	85°04'	73°23'	203°53'	198°45'
27.07.2041	124°22'	112°43'	118°47'	122°52'	86°14'	74°04'	204°00'	198°49'
28.07.2041	125°19'	124°50'	130°51'	124°59'	87°23'	74°46'	204°06'	198°52'

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29.07.2041	126°16'	136°51'	142°49'	127°05'	88°33'	75°26'	204°12'	198°56'
30.07.2041	127°14'	148°46'	154°42'	129°10'	89°42'	76°07'	204°19'	199°00'
31.07.2041	128°11'	160°37'	166°32'	131°14'	90°52'	76°48'	204°26'	199°03'
01.08.2041	129°09'	172°27'	178°22'	133°17'	92°02'	77°29'	204°33'	199°07'
02.08.2041	130°06'	184°17'	190°14'	135°18'	93°12'	78°09'	204°40'	199°11'
03.08.2041	131°03'	196°13'	202°14'	137°19'	94°22'	78°50'	204°47'	199°15'
04.08.2041	132°01'	208°18'	214°26'	139°17'	95°32'	79°30'	204°55'	199°19'
05.08.2041	132°58'	220°37'	226°54'	141°15'	96°42'	80°11'	205°02'	199°24'
06.08.2041	133°56'	233°16'	239°44'	143°10'	97°52'	80°51'	205°10'	199°28'
07.08.2041	134°53'	246°19'	253°01'	145°05'	99°03'	81°31'	205°18'	199°32'
08.08.2041	135°51'	259°50'	266°47'	146°57'	100°13'	82°11'	205°25'	199°37'
09.08.2041	136°48'	273°51'	281°03'	148°48'	101°23'	82°51'	205°33'	199°41'
10.08.2041	137°46'	288°21'	295°46'	150°38'	102°34'	83°31'	205°41'	199°46'
11.08.2041	138°43'	303°15'	310°49'	152°26'	103°45'	84°11'	205°50'	199°50'
12.08.2041	139°41'	318°26'	326°05'	154°13'	104°55'	84°51'	205°58'	199°55'
13.08.2041	140°38'	333°43'	341°21'	155°58'	106°06'	85°31'	206°06'	200°00'
14.08.2041	141°36'	348°55'	356°26'	157°41'	107°17'	86°10'	206°15'	200°05'
15.08.2041	142°34'	3°52'	11°12'	159°23'	108°28'	86°50'	206°24'	200°10'
16.08.2041	143°31'	18°27'	25°34'	161°04'	109°39'	87°29'	206°32'	200°15'
17.08.2041	144°29'	32°35'	39°30'	162°43'	110°50'	88°08'	206°41'	200°20'
18.08.2041	145°27'	46°18'	53°00'	164°20'	112°01'	88°48'	206°50'	200°25'
19.08.2041	146°24'	59°36'	66°06'	165°57'	113°13'	89°27'	206°59'	200°30'
20.08.2041	147°22'	72°32'	78°53'	167°31'	114°24'	90°06'	207°09'	200°35'
21.08.2041	148°20'	85°10'	91°24'	169°04'	115°36'	90°45'	207°18'	200°40'
22.08.2041	149°18'	97°34'	103°42'	170°36'	116°47'	91°24'	207°27'	200°46'
23.08.2041	150°15'	109°47'	115°51'	172°07'	117°59'	92°02'	207°37'	200°51'
24.08.2041	151°13'	121°52'	127°52'	173°35'	119°10'	92°41'	207°47'	200°57'
25.08.2041	152°11'	133°51'	139°49'	175°03'	120°22'	93°20'	207°56'	201°02'
26.08.2041	153°09'	145°46'	151°42'	176°29'	121°34'	93°58'	208°06'	201°08'
27.08.2041	154°07'	157°37'	163°32'	177°53'	122°46'	94°36'	208°16'	201°14'
28.08.2041	155°05'	169°27'	175°23'	179°16'	123°58'	95°15'	208°26'	201°19'
29.08.2041	156°03'	181°18'	187°14'	180°38'	125°10'	95°53'	208°36'	201°25'
30.08.2041	157°01'	193°11'	199°10'	181°57'	126°22'	96°31'	208°46'	201°31'
31.08.2041	157°59'	205°10'	211°12'	183°15'	127°34'	97°09'	208°56'	201°37'
01.09.2041	158°57'	217°18'	223°26'	184°32'	128°47'	97°47'	209°07'	201°43'
02.09.2041	159°55'	229°38'	235°54'	185°46'	129°59'	98°24'	209°17'	201°49'
03.09.2041	160°53'	242°15'	248°42'	186°59'	131°11'	99°02'	209°28'	201°55'
04.09.2041	161°51'	255°14'	261°53'	188°10'	132°24'	99°39'	209°38'	202°01'
05.09.2041	162°49'	268°39'	275°32'	189°19'	133°36'	100°17'	209°49'	202°07'
06.09.2041	163°47'	282°32'	289°39'	190°26'	134°49'	100°54'	210°00'	202°13'
07.09.2041	164°46'	296°53'	304°14'	191°31'	136°01'	101°31'	210°11'	202°20'
08.09.2041	165°44'	311°40'	319°12'	192°33'	137°14'	102°08'	210°22'	202°26'
09.09.2041	166°42'	326°47'	334°25'	193°33'	138°27'	102°45'	210°33'	202°32'
10.09.2041	167°40'	342°04'	349°43'	194°31'	139°40'	103°22'	210°44'	202°39'
11.09.2041	168°39'	357°20'	4°54'	195°25'	140°52'	103°59'	210°55'	202°45'
12.09.2041	169°37'	12°25'	19°50'	196°17'	142°05'	104°35'	211°06'	202°52'
13.09.2041	170°35'	27°10'	34°23'	197°05'	143°18'	105°12'	211°17'	202°58'
14.09.2041	171°34'	41°30'	48°29'	197°50'	144°31'	105°48'	211°29'	203°05'
15.09.2041	172°32'	55°21'	62°07'	198°32'	145°45'	106°25'	211°40'	203°11'
16.09.2041	173°31'	68°46'	75°19'	199°09'	146°58'	107°01'	211°52'	203°18'
17.09.2041	174°29'	81°46'	88°07'	199°42'	148°11'	107°37'	212°03'	203°25'
18.09.2041	175°28'	94°24'	100°36'	200°11'	149°24'	108°13'	212°15'	203°31'
19.09.2041	176°26'	106°45'	112°51'	200°35'	150°38'	108°48'	212°27'	203°38'
20.09.2041	177°25'	118°54'	124°54'	200°53'	151°51'	109°24'	212°38'	203°45'
21.09.2041	178°24'	130°53'	136°51'	201°07'	153°05'	110°00'	212°50'	203°52'

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22.09.2041	179°22'	142°47'	148°43'	201°14'	154°18'	110°35'	213°02'	203°58'
23.09.2041	180°21'	154°38'	160°33'	201°14'	155°32'	111°10'	213°14'	204°05'
24.09.2041	181°20'	166°29'	172°25'	201°08'	156°45'	111°45'	213°26'	204°12'
25.09.2041	182°18'	178°21'	184°18'	200°55'	157°59'	112°20'	213°38'	204°19'
26.09.2041	183°17'	190°17'	196°16'	200°35'	159°13'	112°55'	213°50'	204°26'
27.09.2041	184°16'	202°17'	208°20'	200°08'	160°27'	113°30'	214°02'	204°33'
28.09.2041	185°15'	214°25'	220°32'	199°33'	161°40'	114°04'	214°14'	204°40'
29.09.2041	186°14'	226°42'	232°55'	198°51'	162°54'	114°39'	214°27'	204°47'
30.09.2041	187°13'	239°11'	245°31'	198°01'	164°08'	115°13'	214°39'	204°54'
01.10.2041	188°12'	251°55'	258°23'	197°06'	165°22'	115°47'	214°51'	205°01'
02.10.2041	189°11'	264°56'	271°34'	196°05'	166°36'	116°21'	215°04'	205°08'
03.10.2041	190°10'	278°18'	285°08'	195°00'	167°50'	116°55'	215°16'	205°15'
04.10.2041	191°09'	292°03'	299°04'	193°52'	169°04'	117°28'	215°28'	205°23'
05.10.2041	192°08'	306°11'	313°23'	192°42'	170°19'	118°02'	215°41'	205°30'
06.10.2041	193°07'	320°41'	328°03'	191°33'	171°33'	118°35'	215°54'	205°37'
07.10.2041	194°06'	335°29'	342°58'	190°27'	172°47'	119°08'	216°06'	205°44'
08.10.2041	195°05'	350°29'	358°01'	189°25'	174°01'	119°41'	216°19'	205°51'
09.10.2041	196°05'	5°33'	13°03'	188°28'	175°15'	120°14'	216°31'	205°58'
10.10.2041	197°04'	20°31'	27°55'	187°40'	176°30'	120°46'	216°44'	206°06'
11.10.2041	198°03'	35°15'	42°29'	187°00'	177°44'	121°19'	216°57'	206°13'
12.10.2041	199°02'	49°38'	56°40'	186°30'	178°59'	121°51'	217°10'	206°20'
13.10.2041	200°02'	63°36'	70°25'	186°11'	180°13'	122°23'	217°22'	206°27'
14.10.2041	201°01'	77°08'	83°44'	186°03'	181°28'	122°55'	217°35'	206°35'
15.10.2041	202°01'	90°14'	96°39'	186°06'	182°42'	123°27'	217°48'	206°42'
16.10.2041	203°00'	102°58'	109°12'	186°19'	183°57'	123°58'	218°01'	206°49'
17.10.2041	204°00'	115°22'	121°28'	186°43'	185°11'	124°30'	218°14'	206°56'
18.10.2041	204°59'	127°31'	133°31'	187°17'	186°26'	125°01'	218°27'	207°04'
19.10.2041	205°59'	139°29'	145°26'	188°00'	187°41'	125°32'	218°40'	207°11'
20.10.2041	206°58'	151°21'	157°16'	188°50'	188°55'	126°03'	218°53'	207°18'
21.10.2041	207°58'	163°12'	169°07'	189°49'	190°10'	126°33'	219°06'	207°26'
22.10.2041	208°58'	175°03'	181°01'	190°53'	191°25'	127°03'	219°19'	207°33'
23.10.2041	209°57'	186°59'	193°00'	192°04'	192°40'	127°34'	219°32'	207°40'
24.10.2041	210°57'	199°02'	205°07'	193°20'	193°55'	128°03'	219°45'	207°47'
25.10.2041	211°57'	211°14'	217°24'	194°40'	195°10'	128°33'	219°58'	207°55'
26.10.2041	212°57'	223°37'	229°52'	196°03'	196°24'	129°03'	220°11'	208°02'
27.10.2041	213°57'	236°11'	242°33'	197°30'	197°39'	129°32'	220°24'	208°09'
28.10.2041	214°57'	248°57'	255°26'	198°59'	198°54'	130°01'	220°37'	208°17'
29.10.2041	215°56'	261°58'	268°33'	200°31'	200°09'	130°29'	220°50'	208°24'
30.10.2041	216°56'	275°12'	281°55'	202°04'	201°24'	130°58'	221°04'	208°31'
31.10.2041	217°56'	288°41'	295°31'	203°38'	202°39'	131°26'	221°17'	208°38'
01.11.2041	218°56'	302°26'	309°24'	205°14'	203°54'	131°54'	221°30'	208°46'
02.11.2041	219°56'	316°25'	323°31'	206°51'	205°09'	132°22'	221°43'	208°53'
03.11.2041	220°56'	330°39'	337°51'	208°28'	206°25'	132°49'	221°56'	209°00'
04.11.2041	221°57'	345°05'	352°21'	210°05'	207°40'	133°16'	222°09'	209°07'
05.11.2041	222°57'	359°39'	6°58'	211°43'	208°55'	133°43'	222°23'	209°14'
06.11.2041	223°57'	14°17'	21°35'	213°21'	210°10'	134°10'	222°36'	209°21'
07.11.2041	224°57'	28°52'	36°07'	214°59'	211°25'	134°36'	222°49'	209°29'
08.11.2041	225°57'	43°20'	50°28'	216°37'	212°40'	135°02'	223°02'	209°36'
09.11.2041	226°57'	57°33'	64°32'	218°15'	213°55'	135°28'	223°15'	209°43'
10.11.2041	227°58'	71°27'	78°16'	219°53'	215°11'	135°54'	223°28'	209°50'
11.11.2041	228°58'	84°59'	91°37'	221°31'	216°26'	136°19'	223°41'	209°57'
12.11.2041	229°58'	98°09'	104°36'	223°08'	217°41'	136°44'	223°55'	210°04'
13.11.2041	230°59'	110°57'	117°13'	224°46'	218°56'	137°08'	224°08'	210°11'
14.11.2041	231°59'	123°24'	129°32'	226°23'	220°12'	137°32'	224°21'	210°18'
15.11.2041	232°59'	135°36'	141°37'	228°00'	221°27'	137°56'	224°34'	210°25'

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16.11.2041	234°00'	147°35'	153°32'	229°36'	222°42'	138°20'	224°47'	210°32'
17.11.2041	235°00'	159°28'	165°23'	231°12'	223°58'	138°43'	225°00'	210°39'
18.11.2041	236°01'	171°18'	177°14'	232°49'	225°13'	139°06'	225°13'	210°45'
19.11.2041	237°01'	183°11'	189°09'	234°24'	226°28'	139°28'	225°26'	210°52'
20.11.2041	238°02'	195°10'	201°13'	236°00'	227°44'	139°50'	225°39'	210°59'
21.11.2041	239°02'	207°20'	213°29'	237°35'	228°59'	140°12'	225°52'	211°06'
22.11.2041	240°03'	219°43'	226°00'	239°10'	230°14'	140°33'	226°05'	211°12'
23.11.2041	241°04'	232°21'	238°46'	240°45'	231°30'	140°54'	226°18'	211°19'
24.11.2041	242°04'	245°16'	251°49'	242°20'	232°45'	141°15'	226°31'	211°26'
25.11.2041	243°05'	258°26'	265°07'	243°55'	234°01'	141°35'	226°44'	211°32'
26.11.2041	244°06'	271°52'	278°39'	245°29'	235°16'	141°55'	226°57'	211°39'
27.11.2041	245°06'	285°30'	292°23'	247°03'	236°31'	142°14'	227°10'	211°45'
28.11.2041	246°07'	299°19'	306°17'	248°38'	237°47'	142°33'	227°23'	211°52'
29.11.2041	247°08'	313°16'	320°17'	250°12'	239°02'	142°51'	227°36'	211°58'
30.11.2041	248°09'	327°19'	334°23'	251°46'	240°18'	143°09'	227°49'	212°05'
01.12.2041	249°09'	341°27'	348°32'	253°19'	241°33'	143°26'	228°01'	212°11'
02.12.2041	250°10'	355°37'	2°42'	254°53'	242°49'	143°43'	228°14'	212°17'
03.12.2041	251°11'	9°48'	16°53'	256°27'	244°04'	143°59'	228°27'	212°24'
04.12.2041	252°12'	23°58'	31°02'	258°01'	245°20'	144°15'	228°39'	212°30'
05.12.2041	253°13'	38°04'	45°05'	259°34'	246°35'	144°31'	228°52'	212°36'
06.12.2041	254°14'	52°04'	59°01'	261°08'	247°51'	144°46'	229°05'	212°42'
07.12.2041	255°15'	65°55'	72°45'	262°42'	249°06'	145°00'	229°17'	212°48'
08.12.2041	256°15'	79°32'	86°15'	264°15'	250°22'	145°14'	229°30'	212°54'
09.12.2041	257°16'	92°54'	99°28'	265°49'	251°37'	145°27'	229°42'	213°00'
10.12.2041	258°17'	105°58'	112°23'	267°22'	252°52'	145°40'	229°54'	213°06'
11.12.2041	259°18'	118°43'	124°59'	268°56'	254°08'	145°52'	230°07'	213°12'
12.12.2041	260°19'	131°11'	137°19'	270°30'	255°23'	146°04'	230°19'	213°17'
13.12.2041	261°20'	143°24'	149°25'	272°03'	256°39'	146°15'	230°31'	213°23'
14.12.2041	262°21'	155°24'	161°21'	273°37'	257°54'	146°25'	230°44'	213°29'
15.12.2041	263°22'	167°16'	173°11'	275°10'	259°10'	146°35'	230°56'	213°34'
16.12.2041	264°23'	179°06'	185°01'	276°43'	260°26'	146°44'	231°08'	213°40'
17.12.2041	265°24'	190°58'	196°56'	278°17'	261°41'	146°52'	231°20'	213°45'
18.12.2041	266°25'	202°57'	209°01'	279°49'	262°57'	147°00'	231°32'	213°50'
19.12.2041	267°26'	215°09'	221°22'	281°22'	264°12'	147°07'	231°44'	213°56'
20.12.2041	268°28'	227°39'	234°01'	282°54'	265°28'	147°14'	231°56'	214°01'
21.12.2041	269°29'	240°28'	247°01'	284°26'	266°43'	147°19'	232°07'	214°06'
22.12.2041	270°30'	253°39'	260°23'	285°58'	267°59'	147°24'	232°19'	214°11'
23.12.2041	271°31'	267°12'	274°06'	287°28'	269°14'	147°29'	232°31'	214°16'
24.12.2041	272°32'	281°05'	288°07'	288°58'	270°30'	147°32'	232°42'	214°21'
25.12.2041	273°33'	295°12'	302°20'	290°27'	271°45'	147°35'	232°54'	214°26'
26.12.2041	274°34'	309°30'	316°40'	291°55'	273°01'	147°37'	233°05'	214°31'
27.12.2041	275°35'	323°51'	331°02'	293°21'	274°16'	147°39'	233°17'	214°36'
28.12.2041	276°37'	338°12'	345°21'	294°45'	275°32'	147°39'	233°28'	214°40'
29.12.2041	277°38'	352°28'	359°33'	296°07'	276°47'	147°39'	233°39'	214°45'
30.12.2041	278°39'	6°36'	13°37'	297°27'	278°03'	147°38'	233°50'	214°49'
31.12.2041	279°40'	20°36'	27°33'	298°43'	279°18'	147°36'	234°01'	214°54'
01.01.2042	280°41'	34°27'	41°19'	299°56'	280°34'	147°34'	234°12'	214°58'
02.01.2042	281°42'	48°10'	54°57'	301°05'	281°49'	147°30'	234°23'	215°02'
03.01.2042	282°43'	61°43'	68°26'	302°09'	283°05'	147°26'	234°34'	215°06'
04.01.2042	283°45'	75°07'	81°45'	303°07'	284°20'	147°21'	234°45'	215°10'
05.01.2042	284°46'	88°21'	94°53'	303°59'	285°36'	147°15'	234°55'	215°14'
06.01.2042	285°47'	101°23'	107°49'	304°44'	286°51'	147°09'	235°06'	215°18'
07.01.2042	286°48'	114°12'	120°31'	305°20'	288°07'	147°02'	235°17'	215°22'
08.01.2042	287°49'	126°47'	133°00'	305°48'	289°22'	146°53'	235°27'	215°26'
09.01.2042	288°50'	139°09'	145°15'	306°06'	290°38'	146°44'	235°37'	215°30'

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10.01.2042	289°51'	151°18'	157°18'	306°13'	291°53'	146°34'	235°47'	215°33'
11.01.2042	290°53'	163°16'	169°12'	306°08'	293°09'	146°24'	235°57'	215°37'
12.01.2042	291°54'	175°07'	181°01'	305°52'	294°24'	146°12'	236°07'	215°40'
13.01.2042	292°55'	186°55'	192°50'	305°24'	295°40'	146°00'	236°17'	215°43'
14.01.2042	293°56'	198°45'	204°43'	304°44'	296°55'	145°47'	236°27'	215°46'
15.01.2042	294°57'	210°43'	216°46'	303°54'	298°10'	145°33'	236°37'	215°50'
16.01.2042	295°58'	222°53'	229°05'	302°54'	299°26'	145°19'	236°46'	215°53'
17.01.2042	296°59'	235°22'	241°44'	301°47'	300°41'	145°03'	236°56'	215°55'
18.01.2042	298°00'	248°13'	254°49'	300°33'	301°57'	144°47'	237°05'	215°58'
19.01.2042	299°01'	261°31'	268°20'	299°16'	303°12'	144°31'	237°15'	216°01'
20.01.2042	300°03'	275°16'	282°18'	297°58'	304°28'	144°13'	237°24'	216°04'
21.01.2042	301°04'	289°26'	296°39'	296°41'	305°43'	143°55'	237°33'	216°06'
22.01.2042	302°05'	303°57'	311°18'	295°28'	306°58'	143°36'	237°42'	216°09'
23.01.2042	303°06'	318°41'	326°06'	294°20'	308°14'	143°17'	237°50'	216°11'
24.01.2042	304°07'	333°31'	340°55'	293°18'	309°29'	142°57'	237°59'	216°13'
25.01.2042	305°08'	348°18'	355°37'	292°25'	310°45'	142°36'	238°08'	216°15'
26.01.2042	306°09'	2°54'	10°07'	291°41'	312°00'	142°15'	238°16'	216°17'
27.01.2042	307°10'	17°15'	24°20'	291°05'	313°15'	141°54'	238°24'	216°19'
28.01.2042	308°11'	31°20'	38°15'	290°38'	314°31'	141°32'	238°32'	216°21'
29.01.2042	309°12'	45°07'	51°54'	290°20'	315°46'	141°09'	238°41'	216°23'
30.01.2042	310°13'	58°38'	65°18'	290°11'	317°01'	140°47'	238°48'	216°24'
31.01.2042	311°14'	71°55'	78°28'	290°10'	318°17'	140°24'	238°56'	216°26'
01.02.2042	312°15'	84°58'	91°26'	290°16'	319°32'	140°00'	239°04'	216°27'
02.02.2042	313°15'	97°50'	104°12'	290°30'	320°47'	139°37'	239°11'	216°29'
03.02.2042	314°16'	110°31'	116°48'	290°50'	322°02'	139°13'	239°19'	216°30'
04.02.2042	315°17'	123°02'	129°14'	291°16'	323°18'	138°49'	239°26'	216°31'
05.02.2042	316°18'	135°23'	141°29'	291°48'	324°33'	138°26'	239°33'	216°32'
06.02.2042	317°19'	147°34'	153°35'	292°24'	325°48'	138°02'	239°40'	216°33'
07.02.2042	318°20'	159°35'	165°33'	293°05'	327°03'	137°38'	239°47'	216°33'
08.02.2042	319°20'	171°30'	177°25'	293°51'	328°18'	137°14'	239°53'	216°34'
09.02.2042	320°21'	183°19'	189°12'	294°40'	329°34'	136°50'	240°00'	216°35'
10.02.2042	321°22'	195°06'	201°00'	295°32'	330°49'	136°26'	240°06'	216°35'
11.02.2042	322°23'	206°55'	212°52'	296°28'	332°04'	136°02'	240°13'	216°36'
12.02.2042	323°23'	218°51'	224°53'	297°27'	333°19'	135°39'	240°19'	216°36'
13.02.2042	324°24'	230°58'	237°09'	298°29'	334°34'	135°16'	240°25'	216°36'
14.02.2042	325°25'	243°24'	249°44'	299°33'	335°49'	134°53'	240°30'	216°36'
15.02.2042	326°25'	256°11'	262°45'	300°39'	337°04'	134°31'	240°36'	216°36'
16.02.2042	327°26'	269°25'	276°13'	301°48'	338°19'	134°09'	240°41'	216°36'
17.02.2042	328°26'	283°09'	290°12'	302°58'	339°34'	133°47'	240°47'	216°36'
18.02.2042	329°27'	297°22'	304°38'	304°11'	340°49'	133°26'	240°52'	216°35'
19.02.2042	330°28'	312°00'	319°27'	305°25'	342°04'	133°05'	240°57'	216°35'
20.02.2042	331°28'	326°58'	334°32'	306°41'	343°19'	132°45'	241°02'	216°34'
21.02.2042	332°29'	342°07'	349°42'	307°58'	344°34'	132°26'	241°06'	216°33'
22.02.2042	333°29'	357°15'	4°46'	309°17'	345°49'	132°07'	241°11'	216°33'
23.02.2042	334°29'	12°14'	19°37'	310°38'	347°04'	131°48'	241°15'	216°32'
24.02.2042	335°30'	26°56'	34°09'	311°59'	348°19'	131°31'	241°19'	216°31'
25.02.2042	336°30'	41°16'	48°17'	313°22'	349°34'	131°14'	241°23'	216°30'
26.02.2042	337°31'	55°13'	62°02'	314°46'	350°49'	130°57'	241°27'	216°28'
27.02.2042	338°31'	68°47'	75°26'	316°12'	352°04'	130°42'	241°30'	216°27'
28.02.2042	339°31'	82°00'	88°29'	317°39'	353°18'	130°27'	241°34'	216°26'
01.03.2042	340°31'	94°54'	101°16'	319°06'	354°33'	130°13'	241°37'	216°24'
02.03.2042	341°32'	107°33'	113°48'	320°35'	355°48'	129°59'	241°40'	216°23'
03.03.2042	342°32'	120°00'	126°09'	322°05'	357°03'	129°47'	241°43'	216°21'
04.03.2042	343°32'	132°15'	138°20'	323°37'	358°17'	129°35'	241°46'	216°19'
05.03.2042	344°32'	144°22'	150°23'	325°09'	359°32'	129°24'	241°48'	216°17'

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06.03.2042	345°32'	156°22'	162°20'	326°43'	0°47'	129°14'	241°50'	216°15'
07.03.2042	346°32'	168°16'	174°12'	328°17'	2°01'	129°04'	241°53'	216°13'
08.03.2042	347°32'	180°07'	186°01'	329°53'	3°16'	128°55'	241°55'	216°11'
09.03.2042	348°32'	191°55'	197°49'	331°30'	4°30'	128°47'	241°56'	216°09'
10.03.2042	349°32'	203°43'	209°39'	333°08'	5°45'	128°40'	241°58'	216°06'
11.03.2042	350°32'	215°35'	221°33'	334°47'	6°59'	128°34'	241°59'	216°04'
12.03.2042	351°32'	227°33'	233°36'	336°27'	8°14'	128°28'	242°01'	216°02'
13.03.2042	352°32'	239°42'	245°52'	338°08'	9°28'	128°24'	242°02'	215°59'
14.03.2042	353°32'	252°07'	258°26'	339°51'	10°43'	128°20'	242°03'	215°56'
15.03.2042	354°32'	264°51'	271°22'	341°34'	11°57'	128°16'	242°03'	215°53'
16.03.2042	355°32'	277°59'	284°43'	343°19'	13°12'	128°14'	242°04'	215°51'
17.03.2042	356°31'	291°34'	298°32'	345°05'	14°26'	128°12'	242°04'	215°48'
18.03.2042	357°31'	305°38'	312°50'	346°53'	15°40'	128°11'	242°04'	215°45'
19.03.2042	358°31'	320°08'	327°32'	348°41'	16°54'	128°11'	242°04'	215°42'
20.03.2042	359°30'	335°02'	342°35'	350°31'	18°09'	128°11'	242°04'	215°38'
21.03.2042	0°30'	350°10'	357°48'	352°22'	19°23'	128°13'	242°03'	215°35'
22.03.2042	1°30'	5°25'	13°02'	354°14'	20°37'	128°15'	242°03'	215°32'
23.03.2042	2°29'	20°36'	28°07'	356°08'	21°51'	128°17'	242°02'	215°28'
24.03.2042	3°29'	35°33'	42°54'	358°02'	23°05'	128°21'	242°01'	215°25'
25.03.2042	4°28'	50°10'	57°19'	359°58'	24°19'	128°25'	242°00'	215°21'
26.03.2042	5°28'	64°21'	71°17'	1°55'	25°33'	128°29'	241°58'	215°18'
27.03.2042	6°27'	78°06'	84°49'	3°54'	26°47'	128°35'	241°57'	215°14'
28.03.2042	7°27'	91°26'	97°56'	5°53'	28°01'	128°41'	241°55'	215°10'
29.03.2042	8°26'	104°22'	110°42'	7°53'	29°15'	128°47'	241°53'	215°07'
30.03.2042	9°25'	116°58'	123°10'	9°55'	30°29'	128°55'	241°51'	215°03'
31.03.2042	10°25'	129°18'	135°23'	11°57'	31°43'	129°03'	241°49'	214°59'
01.04.2042	11°24'	141°25'	147°26'	14°00'	32°57'	129°11'	241°46'	214°55'
02.04.2042	12°23'	153°24'	159°21'	16°03'	34°11'	129°20'	241°43'	214°51'
03.04.2042	13°22'	165°16'	171°11'	18°07'	35°24'	129°30'	241°41'	214°47'
04.04.2042	14°21'	177°06'	183°00'	20°10'	36°38'	129°40'	241°38'	214°43'
05.04.2042	15°20'	188°54'	194°48'	22°14'	37°52'	129°51'	241°34'	214°39'
06.04.2042	16°20'	200°44'	206°40'	24°17'	39°05'	130°03'	241°31'	214°34'
07.04.2042	17°19'	212°37'	218°36'	26°20'	40°19'	130°15'	241°27'	214°30'
08.04.2042	18°18'	224°36'	230°38'	28°22'	41°32'	130°27'	241°24'	214°26'
09.04.2042	19°17'	236°43'	242°50'	30°22'	42°46'	130°40'	241°20'	214°22'
10.04.2042	20°15'	249°00'	255°14'	32°20'	43°59'	130°53'	241°16'	214°17'
11.04.2042	21°14'	261°32'	267°53'	34°17'	45°13'	131°07'	241°12'	214°13'
12.04.2042	22°13'	274°19'	280°50'	36°11'	46°26'	131°22'	241°07'	214°08'
13.04.2042	23°12'	287°26'	294°08'	38°02'	47°40'	131°37'	241°03'	214°04'
14.04.2042	24°11'	300°55'	307°48'	39°50'	48°53'	131°52'	240°58'	214°00'
15.04.2042	25°10'	314°47'	321°52'	41°35'	50°06'	132°08'	240°53'	213°55'
16.04.2042	26°08'	329°03'	336°19'	43°15'	51°19'	132°24'	240°48'	213°51'
17.04.2042	27°07'	343°40'	351°05'	44°52'	52°32'	132°41'	240°43'	213°46'
18.04.2042	28°06'	358°33'	6°04'	46°25'	53°46'	132°58'	240°38'	213°42'
19.04.2042	29°05'	13°37'	21°09'	47°53'	54°59'	133°15'	240°32'	213°37'
20.04.2042	30°03'	28°41'	36°12'	49°17'	56°12'	133°33'	240°27'	213°32'
21.04.2042	31°02'	43°39'	51°02'	50°36'	57°25'	133°52'	240°21'	213°28'
22.04.2042	32°00'	58°21'	65°34'	51°49'	58°38'	134°10'	240°15'	213°23'
23.04.2042	32°59'	72°41'	79°42'	52°58'	59°51'	134°30'	240°09'	213°19'
24.04.2042	33°57'	86°36'	93°24'	54°02'	61°03'	134°49'	240°03'	213°14'
25.04.2042	34°56'	100°04'	106°38'	55°00'	62°16'	135°09'	239°57'	213°10'
26.04.2042	35°54'	113°07'	119°29'	55°54'	63°29'	135°29'	239°51'	213°05'
27.04.2042	36°53'	125°46'	131°58'	56°41'	64°42'	135°50'	239°44'	213°00'
28.04.2042	37°51'	138°06'	144°11'	57°24'	65°54'	136°11'	239°38'	212°56'
29.04.2042	38°50'	150°12'	156°11'	58°00'	67°07'	136°32'	239°31'	212°51'

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30.04.2042	39°48'	162°07'	168°02'	58°32'	68°20'	136°54'	239°24'	212°47'
01.05.2042	40°46'	173°57'	179°51'	58°57'	69°32'	137°15'	239°18'	212°42'
02.05.2042	41°44'	185°44'	191°39'	59°17'	70°45'	137°38'	239°11'	212°38'
03.05.2042	42°43'	197°34'	203°30'	59°32'	71°57'	138°00'	239°04'	212°33'
04.05.2042	43°41'	209°28'	215°27'	59°41'	73°09'	138°23'	238°57'	212°29'
05.05.2042	44°39'	221°29'	227°33'	59°45'	74°22'	138°46'	238°50'	212°24'
06.05.2042	45°37'	233°39'	239°49'	59°44'	75°34'	139°09'	238°42'	212°20'
07.05.2042	46°35'	246°01'	252°16'	59°37'	76°46'	139°33'	238°35'	212°16'
08.05.2042	47°33'	258°34'	264°55'	59°26'	77°58'	139°57'	238°28'	212°11'
09.05.2042	48°31'	271°20'	277°49'	59°10'	79°10'	140°21'	238°20'	212°07'
10.05.2042	49°29'	284°21'	290°57'	58°50'	80°22'	140°46'	238°13'	212°03'
11.05.2042	50°27'	297°36'	304°20'	58°26'	81°34'	141°11'	238°05'	211°59'
12.05.2042	51°25'	311°07'	317°59'	57°59'	82°46'	141°36'	237°58'	211°54'
13.05.2042	52°23'	324°55'	331°55'	57°29'	83°58'	142°01'	237°50'	211°50'
14.05.2042	53°21'	338°59'	346°07'	56°57'	85°10'	142°26'	237°43'	211°46'
15.05.2042	54°19'	353°18'	0°32'	56°23'	86°21'	142°52'	237°35'	211°42'
16.05.2042	55°17'	7°50'	15°10'	55°48'	87°33'	143°18'	237°28'	211°38'
17.05.2042	56°15'	22°31'	29°54'	55°13'	88°45'	143°44'	237°20'	211°34'
18.05.2042	57°13'	37°16'	44°38'	54°38'	89°56'	144°11'	237°12'	211°30'
19.05.2042	58°10'	51°58'	59°16'	54°03'	91°08'	144°37'	237°05'	211°26'
20.05.2042	59°08'	66°31'	73°41'	53°30'	92°19'	145°04'	236°57'	211°23'
21.05.2042	60°06'	80°47'	87°47'	52°59'	93°31'	145°31'	236°49'	211°19'
22.05.2042	61°04'	94°41'	101°30'	52°30'	94°42'	145°58'	236°42'	211°15'
23.05.2042	62°01'	108°12'	114°48'	52°04'	95°53'	146°26'	236°34'	211°12'
24.05.2042	62°59'	121°18'	127°42'	51°41'	97°04'	146°54'	236°27'	211°08'
25.05.2042	63°57'	134°01'	140°14'	51°22'	98°16'	147°22'	236°19'	211°05'
26.05.2042	64°54'	146°23'	152°28'	51°07'	99°27'	147°50'	236°12'	211°01'
27.05.2042	65°52'	158°30'	164°28'	50°56'	100°38'	148°18'	236°04'	210°58'
28.05.2042	66°50'	170°25'	176°20'	50°49'	101°48'	148°47'	235°57'	210°55'
29.05.2042	67°47'	182°14'	188°08'	50°47'	102°59'	149°15'	235°49'	210°51'
30.05.2042	68°45'	194°03'	199°58'	50°49'	104°10'	149°44'	235°42'	210°48'
31.05.2042	69°42'	205°55'	211°53'	50°55'	105°21'	150°13'	235°35'	210°45'
01.06.2042	70°40'	217°54'	223°58'	51°06'	106°31'	150°42'	235°28'	210°42'
02.06.2042	71°37'	230°04'	236°14'	51°21'	107°42'	151°12'	235°20'	210°39'
03.06.2042	72°35'	242°28'	248°45'	51°41'	108°52'	151°41'	235°13'	210°37'
04.06.2042	73°32'	255°06'	261°31'	52°05'	110°03'	152°11'	235°06'	210°34'
05.06.2042	74°30'	268°00'	274°32'	52°34'	111°13'	152°41'	235°00'	210°31'
06.06.2042	75°27'	281°08'	287°47'	53°07'	112°23'	153°11'	234°53'	210°29'
07.06.2042	76°25'	294°29'	301°14'	53°43'	113°33'	153°41'	234°46'	210°26'
08.06.2042	77°22'	308°03'	314°53'	54°24'	114°43'	154°11'	234°40'	210°24'
09.06.2042	78°19'	321°47'	328°42'	55°09'	115°53'	154°42'	234°33'	210°21'
10.06.2042	79°17'	335°40'	342°39'	55°58'	117°03'	155°13'	234°27'	210°19'
11.06.2042	80°14'	349°41'	356°45'	56°50'	118°12'	155°43'	234°20'	210°17'
12.06.2042	81°11'	3°50'	10°56'	57°46'	119°22'	156°14'	234°14'	210°15'
13.06.2042	82°09'	18°04'	25°13'	58°46'	120°32'	156°45'	234°08'	210°13'
14.06.2042	83°06'	32°23'	39°33'	59°49'	121°41'	157°17'	234°02'	210°11'
15.06.2042	84°04'	46°43'	53°53'	60°56'	122°51'	157°48'	233°56'	210°09'
16.06.2042	85°01'	61°01'	68°08'	62°06'	124°00'	158°19'	233°51'	210°08'
17.06.2042	85°58'	75°12'	82°13'	63°20'	125°09'	158°51'	233°45'	210°06'
18.06.2042	86°55'	89°11'	96°05'	64°36'	126°18'	159°23'	233°40'	210°04'
19.06.2042	87°53'	102°54'	109°38'	65°56'	127°27'	159°55'	233°35'	210°03'
20.06.2042	88°50'	116°17'	122°51'	67°20'	128°36'	160°27'	233°29'	210°02'
21.06.2042	89°47'	129°19'	135°42'	68°46'	129°45'	160°59'	233°24'	210°01'
22.06.2042	90°45'	142°00'	148°13'	70°16'	130°53'	161°31'	233°20'	209°59'
23.06.2042	91°42'	154°22'	160°27'	71°49'	132°02'	162°04'	233°15'	209°58'

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24.06.2042	92°39'	166°28'	172°27'	73°25'	133°10'	162°36'	233°10'	209°57'
25.06.2042	93°36'	178°24'	184°19'	75°04'	134°18'	163°09'	233°06'	209°57'
26.06.2042	94°34'	190°13'	196°08'	76°46'	135°27'	163°42'	233°02'	209°56'
27.06.2042	95°31'	202°03'	207°59'	78°31'	136°35'	164°15'	232°58'	209°55'
28.06.2042	96°28'	213°56'	219°57'	80°19'	137°43'	164°48'	232°54'	209°55'
29.06.2042	97°25'	226°00'	232°07'	82°10'	138°50'	165°21'	232°50'	209°54'
30.06.2042	98°23'	238°18'	244°33'	84°03'	139°58'	165°54'	232°47'	209°54'
01.07.2042	99°20'	250°52'	257°17'	86°00'	141°05'	166°28'	232°43'	209°54'
02.07.2042	100°17'	263°46'	270°21'	87°58'	142°13'	167°01'	232°40'	209°54'
03.07.2042	101°14'	277°00'	283°43'	89°59'	143°20'	167°35'	232°37'	209°53'
04.07.2042	102°11'	290°31'	297°22'	92°02'	144°27'	168°09'	232°34'	209°54'
05.07.2042	103°08'	304°17'	311°15'	94°07'	145°34'	168°43'	232°31'	209°54'
06.07.2042	104°06'	318°15'	325°17'	96°13'	146°41'	169°17'	232°29'	209°54'
07.07.2042	105°03'	332°21'	339°25'	98°21'	147°47'	169°51'	232°27'	209°54'
08.07.2042	106°00'	346°30'	353°35'	100°29'	148°54'	170°25'	232°24'	209°55'
09.07.2042	106°57'	0°40'	7°44'	102°38'	150°00'	170°59'	232°22'	209°55'
10.07.2042	107°54'	14°49'	21°52'	104°48'	151°06'	171°33'	232°21'	209°56'
11.07.2042	108°52'	28°55'	35°58'	106°58'	152°12'	172°08'	232°19'	209°57'
12.07.2042	109°49'	42°59'	49°59'	109°08'	153°18'	172°42'	232°17'	209°57'
13.07.2042	110°46'	56°58'	63°56'	111°17'	154°23'	173°17'	232°16'	209°58'
14.07.2042	111°43'	70°52'	77°46'	113°26'	155°28'	173°52'	232°15'	209°59'
15.07.2042	112°41'	84°38'	91°27'	115°33'	156°34'	174°27'	232°14'	210°01'
16.07.2042	113°38'	98°13'	104°56'	117°40'	157°39'	175°02'	232°13'	210°02'
17.07.2042	114°35'	111°35'	118°11'	119°46'	158°43'	175°37'	232°13'	210°03'
18.07.2042	115°32'	124°42'	131°09'	121°50'	159°48'	176°12'	232°12'	210°05'
19.07.2042	116°30'	137°32'	143°50'	123°52'	160°52'	176°47'	232°12'	210°06'
20.07.2042	117°27'	150°05'	156°15'	125°54'	161°57'	177°23'	232°12'	210°08'
21.07.2042	118°24'	162°22'	168°25'	127°53'	163°01'	177°58'	232°12'	210°09'
22.07.2042	119°22'	174°25'	180°23'	129°51'	164°04'	178°34'	232°13'	210°11'
23.07.2042	120°19'	186°19'	192°14'	131°47'	165°08'	179°09'	232°13'	210°13'
24.07.2042	121°16'	198°08'	204°02'	133°42'	166°11'	179°45'	232°14'	210°15'
25.07.2042	122°13'	209°56'	215°52'	135°35'	167°14'	180°21'	232°15'	210°17'
26.07.2042	123°11'	221°50'	227°51'	137°26'	168°17'	180°57'	232°16'	210°19'
27.07.2042	124°08'	233°55'	240°03'	139°15'	169°19'	181°33'	232°17'	210°22'
28.07.2042	125°05'	246°16'	252°34'	141°03'	170°21'	182°09'	232°19'	210°24'
29.07.2042	126°03'	258°57'	265°25'	142°49'	171°23'	182°45'	232°20'	210°26'
30.07.2042	127°00'	272°00'	278°41'	144°33'	172°25'	183°22'	232°22'	210°29'
31.07.2042	127°57'	285°27'	292°20'	146°16'	173°26'	183°58'	232°24'	210°32'
01.08.2042	128°55'	299°17'	306°20'	147°56'	174°27'	184°35'	232°26'	210°34'
02.08.2042	129°52'	313°26'	320°36'	149°36'	175°28'	185°11'	232°29'	210°37'
03.08.2042	130°50'	327°49'	335°04'	151°13'	176°28'	185°48'	232°31'	210°40'
04.08.2042	131°47'	342°20'	349°36'	152°49'	177°28'	186°25'	232°34'	210°43'
05.08.2042	132°44'	356°52'	4°07'	154°23'	178°28'	187°01'	232°37'	210°46'
06.08.2042	133°42'	11°20'	18°31'	155°55'	179°27'	187°38'	232°40'	210°49'
07.08.2042	134°39'	25°40'	32°47'	157°26'	180°26'	188°15'	232°43'	210°53'
08.08.2042	135°37'	39°51'	46°52'	158°55'	181°25'	188°52'	232°46'	210°56'
09.08.2042	136°34'	53°50'	60°45'	160°22'	182°23'	189°30'	232°50'	210°59'
10.08.2042	137°32'	67°37'	74°27'	161°47'	183°21'	190°07'	232°54'	211°03'
11.08.2042	138°29'	81°13'	87°57'	163°11'	184°18'	190°44'	232°57'	211°06'
12.08.2042	139°27'	94°37'	101°15'	164°33'	185°15'	191°22'	233°01'	211°10'
13.08.2042	140°25'	107°50'	114°21'	165°53'	186°11'	191°59'	233°06'	211°14'
14.08.2042	141°22'	120°49'	127°14'	167°11'	187°07'	192°37'	233°10'	211°18'
15.08.2042	142°20'	133°36'	139°54'	168°28'	188°03'	193°14'	233°15'	211°22'
16.08.2042	143°17'	146°09'	152°21'	169°42'	188°58'	193°52'	233°19'	211°26'
17.08.2042	144°15'	158°30'	164°35'	170°54'	189°53'	194°30'	233°24'	211°30'

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18.08.2042	145°13'	170°38'	176°38'	172°05'	190°47'	195°08'	233°29'	211°34'
19.08.2042	146°11'	182°36'	188°32'	173°13'	191°40'	195°46'	233°34'	211°38'
20.08.2042	147°08'	194°26'	200°20'	174°18'	192°33'	196°24'	233°40'	211°42'
21.08.2042	148°06'	206°13'	212°07'	175°22'	193°25'	197°02'	233°45'	211°47'
22.08.2042	149°04'	218°01'	223°56'	176°23'	194°17'	197°40'	233°51'	211°51'
23.08.2042	150°02'	229°54'	235°54'	177°21'	195°08'	198°19'	233°56'	211°56'
24.08.2042	150°59'	241°58'	248°05'	178°16'	195°59'	198°57'	234°02'	212°00'
25.08.2042	151°57'	254°17'	260°35'	179°09'	196°48'	199°36'	234°08'	212°05'
26.08.2042	152°55'	266°58'	273°27'	179°58'	197°38'	200°14'	234°15'	212°10'
27.08.2042	153°53'	280°02'	286°45'	180°44'	198°26'	200°53'	234°21'	212°15'
28.08.2042	154°51'	293°34'	300°29'	181°27'	199°13'	201°32'	234°28'	212°19'
29.08.2042	155°49'	307°32'	314°40'	182°06'	200°00'	202°10'	234°34'	212°24'
30.08.2042	156°47'	321°53'	329°12'	182°41'	200°46'	202°49'	234°41'	212°29'
31.08.2042	157°45'	336°34'	343°59'	183°12'	201°31'	203°28'	234°48'	212°35'
01.09.2042	158°43'	351°26'	358°54'	183°38'	202°15'	204°07'	234°55'	212°40'
02.09.2042	159°41'	6°22'	13°48'	183°59'	202°58'	204°46'	235°02'	212°45'
03.09.2042	160°39'	21°13'	28°34'	184°16'	203°41'	205°25'	235°09'	212°50'
04.09.2042	161°37'	35°52'	43°06'	184°27'	204°22'	206°05'	235°17'	212°56'
05.09.2042	162°35'	50°16'	57°22'	184°33'	205°02'	206°44'	235°25'	213°01'
06.09.2042	163°33'	64°22'	71°18'	184°33'	205°41'	207°23'	235°32'	213°06'
07.09.2042	164°31'	78°09'	84°55'	184°27'	206°19'	208°03'	235°40'	213°12'
08.09.2042	165°30'	91°37'	98°15'	184°14'	206°56'	208°42'	235°48'	213°17'
09.09.2042	166°28'	104°48'	111°17'	183°55'	207°32'	209°22'	235°56'	213°23'
10.09.2042	167°26'	117°43'	124°05'	183°29'	208°06'	210°02'	236°04'	213°29'
11.09.2042	168°25'	130°24'	136°40'	182°57'	208°39'	210°42'	236°13'	213°35'
12.09.2042	169°23'	142°52'	149°02'	182°19'	209°11'	211°21'	236°21'	213°40'
13.09.2042	170°21'	155°09'	161°13'	181°35'	209°41'	212°01'	236°30'	213°46'
14.09.2042	171°20'	167°16'	173°16'	180°45'	210°10'	212°41'	236°39'	213°52'
15.09.2042	172°18'	179°14'	185°11'	179°50'	210°37'	213°22'	236°47'	213°58'
16.09.2042	173°17'	191°06'	197°00'	178°51'	211°03'	214°02'	236°56'	214°04'
17.09.2042	174°15'	202°54'	208°47'	177°50'	211°27'	214°42'	237°05'	214°10'
18.09.2042	175°14'	214°40'	220°33'	176°47'	211°50'	215°22'	237°15'	214°16'
19.09.2042	176°12'	226°28'	232°24'	175°44'	212°10'	216°03'	237°24'	214°22'
20.09.2042	177°11'	238°21'	244°21'	174°42'	212°29'	216°43'	237°33'	214°29'
21.09.2042	178°10'	250°25'	256°32'	173°43'	212°46'	217°24'	237°43'	214°35'
22.09.2042	179°08'	262°43'	268°58'	172°49'	213°01'	218°04'	237°52'	214°41'
23.09.2042	180°07'	275°19'	281°46'	172°01'	213°14'	218°45'	238°02'	214°48'
24.09.2042	181°06'	288°19'	294°59'	171°19'	213°25'	219°26'	238°12'	214°54'
25.09.2042	182°04'	301°45'	308°39'	170°46'	213°34'	220°07'	238°22'	215°00'
26.09.2042	183°03'	315°39'	322°46'	170°22'	213°40'	220°48'	238°32'	215°07'
27.09.2042	184°02'	330°00'	337°19'	170°08'	213°45'	221°29'	238°42'	215°13'
28.09.2042	185°01'	344°44'	352°13'	170°03'	213°47'	222°10'	238°52'	215°20'
29.09.2042	186°00'	359°45'	7°20'	170°09'	213°46'	222°51'	239°03'	215°27'
30.09.2042	186°58'	14°55'	22°30'	170°25'	213°44'	223°32'	239°13'	215°33'
01.10.2042	187°57'	30°04'	37°36'	170°51'	213°38'	224°13'	239°23'	215°40'
02.10.2042	188°56'	45°04'	52°28'	171°26'	213°31'	224°55'	239°34'	215°46'
03.10.2042	189°55'	59°46'	66°59'	172°10'	213°21'	225°36'	239°45'	215°53'
04.10.2042	190°54'	74°07'	81°08'	173°03'	213°09'	226°17'	239°55'	216°00'
05.10.2042	191°53'	88°02'	94°51'	174°03'	212°54'	226°59'	240°06'	216°07'
06.10.2042	192°53'	101°33'	108°10'	175°10'	212°37'	227°41'	240°17'	216°14'
07.10.2042	193°52'	114°41'	121°06'	176°23'	212°18'	228°22'	240°28'	216°20'
08.10.2042	194°51'	127°28'	133°44'	177°41'	211°57'	229°04'	240°39'	216°27'
09.10.2042	195°50'	139°57'	146°06'	179°05'	211°33'	229°46'	240°51'	216°34'
10.10.2042	196°49'	152°12'	158°16'	180°32'	211°07'	230°28'	241°02'	216°41'
11.10.2042	197°49'	164°16'	170°15'	182°03'	210°40'	231°10'	241°13'	216°48'

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12.10.2042	198°48'	176°13'	182°09'	183°37'	210°10'	231°52'	241°25'	216°55'
13.10.2042	199°47'	188°04'	193°58'	185°13'	209°39'	232°34'	241°36'	217°02'
14.10.2042	200°47'	199°51'	205°45'	186°51'	209°07'	233°16'	241°48'	217°09'
15.10.2042	201°46'	211°38'	217°32'	188°30'	208°33'	233°59'	241°59'	217°16'
16.10.2042	202°46'	223°27'	229°22'	190°11'	207°59'	234°41'	242°11'	217°23'
17.10.2042	203°45'	235°19'	241°17'	191°52'	207°23'	235°23'	242°23'	217°30'
18.10.2042	204°45'	247°17'	253°20'	193°34'	206°47'	236°06'	242°35'	217°37'
19.10.2042	205°44'	259°25'	265°33'	195°17'	206°10'	236°48'	242°46'	217°44'
20.10.2042	206°44'	271°45'	278°01'	197°00'	205°34'	237°31'	242°58'	217°52'
21.10.2042	207°44'	284°21'	290°46'	198°43'	204°57'	238°14'	243°10'	217°59'
22.10.2042	208°43'	297°16'	303°52'	200°25'	204°21'	238°56'	243°23'	218°06'
23.10.2042	209°43'	310°33'	317°21'	202°08'	203°45'	239°39'	243°35'	218°13'
24.10.2042	210°43'	324°16'	331°16'	203°50'	203°11'	240°22'	243°47'	218°20'
25.10.2042	211°42'	338°23'	345°37'	205°32'	202°37'	241°05'	243°59'	218°27'
26.10.2042	212°42'	352°56'	0°20'	207°14'	202°04'	241°48'	244°12'	218°35'
27.10.2042	213°42'	7°49'	15°22'	208°55'	201°33'	242°31'	244°24'	218°42'
28.10.2042	214°42'	22°57'	30°34'	210°36'	201°04'	243°14'	244°36'	218°49'
29.10.2042	215°42'	38°11'	45°47'	212°16'	200°37'	243°58'	244°49'	218°56'
30.10.2042	216°42'	53°20'	60°50'	213°56'	200°11'	244°41'	245°01'	219°03'
31.10.2042	217°42'	68°16'	75°37'	215°36'	199°48'	245°24'	245°14'	219°11'
01.11.2042	218°42'	82°51'	89°59'	217°14'	199°27'	246°08'	245°27'	219°18'
02.11.2042	219°42'	96°59'	103°53'	218°53'	199°08'	246°51'	245°39'	219°25'
03.11.2042	220°42'	110°39'	117°19'	220°31'	198°51'	247°35'	245°52'	219°32'
04.11.2042	221°42'	123°52'	130°18'	222°09'	198°37'	248°18'	246°05'	219°40'
05.11.2042	222°42'	136°39'	142°55'	223°46'	198°26'	249°02'	246°18'	219°47'
06.11.2042	223°42'	149°05'	155°12'	225°22'	198°17'	249°46'	246°31'	219°54'
07.11.2042	224°42'	161°15'	167°15'	226°59'	198°10'	250°29'	246°43'	220°01'
08.11.2042	225°42'	173°13'	179°09'	228°35'	198°06'	251°13'	246°56'	220°09'
09.11.2042	226°43'	185°03'	190°57'	230°10'	198°05'	251°57'	247°09'	220°16'
10.11.2042	227°43'	196°50'	202°43'	231°45'	198°05'	252°41'	247°22'	220°23'
11.11.2042	228°43'	208°37'	214°31'	233°20'	198°09'	253°25'	247°36'	220°30'
12.11.2042	229°43'	220°26'	226°22'	234°55'	198°14'	254°09'	247°49'	220°37'
13.11.2042	230°44'	232°20'	238°20'	236°29'	198°22'	254°53'	248°02'	220°44'
14.11.2042	231°44'	244°21'	250°25'	238°03'	198°32'	255°38'	248°15'	220°52'
15.11.2042	232°45'	256°31'	262°39'	239°36'	198°44'	256°22'	248°28'	220°59'
16.11.2042	233°45'	268°50'	275°03'	241°10'	198°59'	257°06'	248°41'	221°06'
17.11.2042	234°46'	281°20'	287°39'	242°43'	199°15'	257°51'	248°55'	221°13'
18.11.2042	235°46'	294°02'	300°29'	244°15'	199°34'	258°35'	249°08'	221°20'
19.11.2042	236°47'	307°00'	313°35'	245°48'	199°54'	259°20'	249°21'	221°27'
20.11.2042	237°47'	320°14'	326°58'	247°20'	200°17'	260°04'	249°34'	221°34'
21.11.2042	238°48'	333°47'	340°41'	248°52'	200°41'	260°49'	249°48'	221°41'
22.11.2042	239°48'	347°40'	354°45'	250°24'	201°07'	261°34'	250°01'	221°48'
23.11.2042	240°49'	1°54'	9°09'	251°56'	201°34'	262°19'	250°14'	221°55'
24.11.2042	241°50'	16°28'	23°51'	253°27'	202°04'	263°03'	250°28'	222°02'
25.11.2042	242°50'	31°17'	38°46'	254°59'	202°34'	263°48'	250°41'	222°09'
26.11.2042	243°51'	46°17'	53°48'	256°29'	203°07'	264°33'	250°55'	222°16'
27.11.2042	244°52'	61°18'	68°47'	258°00'	203°41'	265°18'	251°08'	222°23'
28.11.2042	245°52'	76°13'	83°34'	259°31'	204°16'	266°03'	251°22'	222°30'
29.11.2042	246°53'	90°51'	98°02'	261°01'	204°53'	266°48'	251°35'	222°37'
30.11.2042	247°54'	105°06'	112°04'	262°31'	205°31'	267°33'	251°49'	222°43'
01.12.2042	248°54'	118°54'	125°37'	264°00'	206°10'	268°19'	252°02'	222°50'
02.12.2042	249°55'	132°14'	138°43'	265°29'	206°51'	269°04'	252°15'	222°57'
03.12.2042	250°56'	145°06'	151°23'	266°58'	207°33'	269°49'	252°29'	223°04'
04.12.2042	251°57'	157°35'	163°42'	268°26'	208°15'	270°35'	252°42'	223°10'
05.12.2042	252°58'	169°45'	175°45'	269°53'	208°59'	271°20'	252°56'	223°17'

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06.12.2042	253°59'	181°42'	187°37'	271°20'	209°44'	272°05'	253°09'	223°23'
07.12.2042	255°00'	193°31'	199°24'	272°46'	210°30'	272°51'	253°23'	223°30'
08.12.2042	256°01'	205°17'	211°11'	274°11'	211°17'	273°37'	253°37'	223°36'
09.12.2042	257°01'	217°05'	223°01'	275°34'	212°05'	274°22'	253°50'	223°43'
10.12.2042	258°02'	228°58'	234°58'	276°57'	212°54'	275°08'	254°04'	223°49'
11.12.2042	259°03'	241°00'	247°05'	278°18'	213°44'	275°54'	254°17'	223°56'
12.12.2042	260°04'	253°13'	259°24'	279°37'	214°34'	276°39'	254°31'	224°02'
13.12.2042	261°05'	265°37'	271°54'	280°53'	215°25'	277°25'	254°44'	224°08'
14.12.2042	262°06'	278°14'	284°37'	282°08'	216°17'	278°11'	254°57'	224°15'
15.12.2042	263°08'	291°02'	297°31'	283°19'	217°10'	278°57'	255°11'	224°21'
16.12.2042	264°09'	304°02'	310°37'	284°27'	218°04'	279°43'	255°24'	224°27'
17.12.2042	265°10'	317°14'	323°53'	285°31'	218°58'	280°29'	255°38'	224°33'
18.12.2042	266°11'	330°36'	337°22'	286°31'	219°53'	281°15'	255°51'	224°39'
19.12.2042	267°12'	344°11'	351°03'	287°25'	220°48'	282°01'	256°05'	224°45'
20.12.2042	268°13'	357°58'	4°57'	288°13'	221°44'	282°47'	256°18'	224°51'
21.12.2042	269°14'	11°58'	19°04'	288°55'	222°40'	283°33'	256°31'	224°57'
22.12.2042	270°15'	26°12'	33°24'	289°29'	223°38'	284°20'	256°45'	225°03'
23.12.2042	271°16'	40°38'	47°54'	289°54'	224°35'	285°06'	256°58'	225°08'
24.12.2042	272°17'	55°12'	62°31'	290°10'	225°33'	285°52'	257°11'	225°14'
25.12.2042	273°18'	69°50'	77°08'	290°16'	226°32'	286°39'	257°25'	225°20'
26.12.2042	274°19'	84°25'	91°39'	290°11'	227°31'	287°25'	257°38'	225°25'
27.12.2042	275°21'	98°50'	105°56'	289°54'	228°31'	288°11'	257°51'	225°31'
28.12.2042	276°22'	112°57'	119°53'	289°25'	229°31'	288°58'	258°04'	225°36'
29.12.2042	277°23'	126°42'	133°26'	288°45'	230°32'	289°44'	258°18'	225°41'
30.12.2042	278°24'	140°03'	146°33'	287°53'	231°33'	290°31'	258°31'	225°47'
31.12.2042	279°25'	152°58'	159°17'	286°52'	232°34'	291°17'	258°44'	225°52'
01.01.2043	280°26'	165°30'	171°39'	285°42'	233°36'	292°04'	258°57'	225°57'
02.01.2043	281°27'	177°43'	183°44'	284°25'	234°38'	292°51'	259°10'	226°02'
03.01.2043	282°29'	189°42'	195°38'	283°05'	235°41'	293°37'	259°23'	226°07'
04.01.2043	283°30'	201°32'	207°26'	281°44'	236°43'	294°24'	259°36'	226°12'
05.01.2043	284°31'	213°19'	219°13'	280°24'	237°47'	295°11'	259°49'	226°17'
06.01.2043	285°32'	225°09'	231°06'	279°08'	238°50'	295°57'	260°02'	226°22'
07.01.2043	286°33'	237°06'	243°08'	277°58'	239°54'	296°44'	260°15'	226°27'
08.01.2043	287°34'	249°14'	255°23'	276°55'	240°58'	297°31'	260°27'	226°32'
09.01.2043	288°36'	261°37'	267°54'	276°02'	242°03'	298°18'	260°40'	226°36'
10.01.2043	289°37'	274°15'	280°41'	275°18'	243°08'	299°05'	260°53'	226°41'
11.01.2043	290°38'	287°10'	293°43'	274°44'	244°13'	299°52'	261°05'	226°45'
12.01.2043	291°39'	300°20'	307°01'	274°20'	245°18'	300°39'	261°18'	226°49'
13.01.2043	292°40'	313°44'	320°30'	274°06'	246°23'	301°26'	261°31'	226°54'
14.01.2043	293°41'	327°19'	334°10'	274°01'	247°29'	302°13'	261°43'	226°58'
15.01.2043	294°43'	341°03'	347°57'	274°04'	248°35'	303°00'	261°56'	227°02'
16.01.2043	295°44'	354°53'	1°50'	274°16'	249°41'	303°47'	262°08'	227°06'
17.01.2043	296°45'	8°49'	15°49'	274°35'	250°48'	304°34'	262°20'	227°10'
18.01.2043	297°46'	22°50'	29°52'	275°00'	251°55'	305°21'	262°33'	227°14'
19.01.2043	298°47'	36°55'	43°59'	275°32'	253°01'	306°08'	262°45'	227°18'
20.01.2043	299°48'	51°03'	58°08'	276°09'	254°09'	306°55'	262°57'	227°21'
21.01.2043	300°49'	65°14'	72°20'	276°52'	255°16'	307°43'	263°09'	227°25'
22.01.2043	301°50'	79°25'	86°29'	277°38'	256°23'	308°30'	263°21'	227°29'
23.01.2043	302°51'	93°31'	100°32'	278°29'	257°31'	309°17'	263°33'	227°32'
24.01.2043	303°52'	107°29'	114°24'	279°23'	258°39'	310°04'	263°45'	227°35'
25.01.2043	304°53'	121°15'	128°02'	280°21'	259°47'	310°51'	263°57'	227°39'
26.01.2043	305°54'	134°44'	141°21'	281°22'	260°55'	311°39'	264°09'	227°42'
27.01.2043	306°55'	147°53'	154°20'	282°25'	262°03'	312°26'	264°20'	227°45'
28.01.2043	307°56'	160°43'	167°00'	283°31'	263°12'	313°13'	264°32'	227°48'
29.01.2043	308°57'	173°13'	179°21'	284°39'	264°20'	314°01'	264°43'	227°51'

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30.01.2043	309°58'	185°26'	191°27'	285°49'	265°29'	314°48'	264°55'	227°53'
31.01.2043	310°59'	197°26'	203°23'	287°02'	266°38'	315°35'	265°06'	227°56'
01.02.2043	312°00'	209°18'	215°12'	288°15'	267°47'	316°23'	265°17'	227°59'
02.02.2043	313°01'	221°06'	227°01'	289°31'	268°56'	317°10'	265°29'	228°01'
03.02.2043	314°02'	232°57'	238°54'	290°48'	270°06'	317°57'	265°40'	228°04'
04.02.2043	315°03'	244°55'	250°58'	292°06'	271°15'	318°45'	265°51'	228°06'
05.02.2043	316°03'	257°05'	263°17'	293°26'	272°25'	319°32'	266°02'	228°08'
06.02.2043	317°04'	269°32'	275°53'	294°47'	273°35'	320°19'	266°13'	228°10'
07.02.2043	318°05'	282°19'	288°50'	296°09'	274°44'	321°07'	266°23'	228°12'
08.02.2043	319°06'	295°26'	302°08'	297°32'	275°54'	321°54'	266°34'	228°14'
09.02.2043	320°07'	308°54'	315°45'	298°56'	277°04'	322°42'	266°45'	228°16'
10.02.2043	321°08'	322°40'	329°39'	300°22'	278°14'	323°29'	266°55'	228°18'
11.02.2043	322°08'	336°41'	343°45'	301°48'	279°25'	324°17'	267°06'	228°19'
12.02.2043	323°09'	350°52'	357°59'	303°15'	280°35'	325°04'	267°16'	228°21'
13.02.2043	324°10'	5°08'	12°17'	304°44'	281°45'	325°51'	267°26'	228°22'
14.02.2043	325°10'	19°26'	26°35'	306°13'	282°56'	326°39'	267°36'	228°23'
15.02.2043	326°11'	33°43'	40°49'	307°43'	284°06'	327°26'	267°46'	228°25'
16.02.2043	327°12'	47°54'	54°58'	309°14'	285°17'	328°14'	267°56'	228°26'
17.02.2043	328°12'	62°00'	69°01'	310°46'	286°28'	329°01'	268°06'	228°27'
18.02.2043	329°13'	75°59'	82°56'	312°19'	287°39'	329°49'	268°15'	228°28'
19.02.2043	330°13'	89°50'	96°42'	313°53'	288°49'	330°36'	268°25'	228°28'
20.02.2043	331°14'	103°32'	110°18'	315°28'	290°00'	331°24'	268°34'	228°29'
21.02.2043	332°14'	117°02'	123°43'	317°03'	291°11'	332°11'	268°44'	228°30'
22.02.2043	333°15'	130°20'	136°54'	318°40'	292°23'	332°58'	268°53'	228°30'
23.02.2043	334°15'	143°25'	149°52'	320°17'	293°34'	333°46'	269°02'	228°30'
24.02.2043	335°16'	156°15'	162°34'	321°56'	294°45'	334°33'	269°11'	228°31'
25.02.2043	336°16'	168°50'	175°02'	323°35'	295°56'	335°21'	269°20'	228°31'
26.02.2043	337°16'	181°11'	187°17'	325°16'	297°08'	336°08'	269°29'	228°31'
27.02.2043	338°17'	193°20'	199°20'	326°57'	298°19'	336°55'	269°37'	228°31'
28.02.2043	339°17'	205°18'	211°14'	328°39'	299°30'	337°43'	269°46'	228°31'
01.03.2043	340°17'	217°09'	223°04'	330°23'	300°42'	338°30'	269°54'	228°30'
02.03.2043	341°17'	228°58'	234°53'	332°07'	301°54'	339°17'	270°02'	228°30'
03.03.2043	342°18'	240°49'	246°47'	333°53'	303°05'	340°05'	270°10'	228°30'
04.03.2043	343°18'	252°47'	258°50'	335°39'	304°17'	340°52'	270°18'	228°29'
05.03.2043	344°18'	264°56'	271°07'	337°27'	305°29'	341°39'	270°26'	228°28'
06.03.2043	345°18'	277°22'	283°43'	339°15'	306°41'	342°27'	270°34'	228°28'
07.03.2043	346°18'	290°09'	296°40'	341°05'	307°52'	343°14'	270°42'	228°27'
08.03.2043	347°18'	303°18'	310°02'	342°56'	309°04'	344°01'	270°49'	228°26'
09.03.2043	348°18'	316°53'	323°49'	344°48'	310°16'	344°49'	270°56'	228°25'
10.03.2043	349°18'	330°50'	337°57'	346°40'	311°28'	345°36'	271°03'	228°23'
11.03.2043	350°18'	345°09'	352°25'	348°34'	312°40'	346°23'	271°10'	228°22'
12.03.2043	351°18'	359°43'	7°04'	350°29'	313°52'	347°10'	271°17'	228°21'
13.03.2043	352°18'	14°27'	21°50'	352°25'	315°04'	347°58'	271°24'	228°19'
14.03.2043	353°18'	29°12'	36°34'	354°22'	316°16'	348°45'	271°30'	228°18'
15.03.2043	354°18'	43°53'	51°11'	356°20'	317°29'	349°32'	271°37'	228°16'
16.03.2043	355°18'	58°25'	65°35'	358°18'	318°41'	350°19'	271°43'	228°14'
17.03.2043	356°17'	72°42'	79°45'	0°17'	319°53'	351°06'	271°49'	228°12'
18.03.2043	357°17'	86°43'	93°37'	2°16'	321°05'	351°53'	271°55'	228°11'
19.03.2043	358°17'	100°27'	107°13'	4°16'	322°18'	352°40'	272°01'	228°09'
20.03.2043	359°17'	113°54'	120°32'	6°16'	323°30'	353°27'	272°07'	228°06'
21.03.2043	0°16'	127°05'	133°35'	8°15'	324°42'	354°14'	272°12'	228°04'
22.03.2043	1°16'	140°01'	146°24'	10°15'	325°54'	355°01'	272°17'	228°02'
23.03.2043	2°15'	152°43'	158°59'	12°13'	327°07'	355°48'	272°22'	227°59'
24.03.2043	3°15'	165°13'	171°23'	14°11'	328°19'	356°35'	272°27'	227°57'
25.03.2043	4°14'	177°31'	183°36'	16°07'	329°32'	357°22'	272°32'	227°54'

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26.03.2043	5°14'	189°39'	195°40'	18°01'	330°44'	358°09'	272°37'	227°52'
27.03.2043	6°13'	201°39'	207°37'	19°53'	331°57'	358°56'	272°41'	227°49'
28.03.2043	7°13'	213°33'	219°29'	21°43'	333°09'	359°43'	272°46'	227°46'
29.03.2043	8°12'	225°24'	231°18'	23°29'	334°22'	0°29'	272°50'	227°43'
30.03.2043	9°11'	237°13'	243°08'	25°12'	335°34'	1°16'	272°54'	227°40'
31.03.2043	10°11'	249°05'	255°03'	26°51'	336°47'	2°03'	272°58'	227°37'
01.04.2043	11°10'	261°02'	267°05'	28°26'	337°59'	2°50'	273°01'	227°34'
02.04.2043	12°09'	273°11'	279°20'	29°57'	339°12'	3°36'	273°05'	227°31'
03.04.2043	13°08'	285°34'	291°52'	31°22'	340°25'	4°23'	273°08'	227°28'
04.04.2043	14°07'	298°16'	304°45'	32°42'	341°37'	5°09'	273°11'	227°24'
05.04.2043	15°07'	311°21'	318°03'	33°57'	342°50'	5°56'	273°14'	227°21'
06.04.2043	16°06'	324°51'	331°46'	35°05'	344°03'	6°43'	273°17'	227°18'
07.04.2043	17°05'	338°48'	345°56'	36°08'	345°15'	7°29'	273°19'	227°14'
08.04.2043	18°04'	353°10'	0°30'	37°05'	346°28'	8°16'	273°22'	227°10'
09.04.2043	19°03'	7°54'	15°23'	37°55'	347°41'	9°02'	273°24'	227°07'
10.04.2043	20°02'	22°54'	30°27'	38°39'	348°54'	9°48'	273°26'	227°03'
11.04.2043	21°01'	38°00'	45°33'	39°17'	350°06'	10°35'	273°27'	226°59'
12.04.2043	22°00'	53°05'	60°34'	39°47'	351°19'	11°21'	273°29'	226°55'
13.04.2043	22°59'	67°59'	75°19'	40°12'	352°32'	12°07'	273°31'	226°51'
14.04.2043	23°57'	82°34'	89°44'	40°29'	353°45'	12°54'	273°32'	226°48'
15.04.2043	24°56'	96°48'	103°45'	40°40'	354°58'	13°40'	273°33'	226°44'
16.04.2043	25°55'	110°36'	117°22'	40°45'	356°10'	14°26'	273°34'	226°39'
17.04.2043	26°54'	124°01'	130°35'	40°44'	357°23'	15°12'	273°34'	226°35'
18.04.2043	27°52'	137°04'	143°28'	40°36'	358°36'	15°58'	273°35'	226°31'
19.04.2043	28°51'	149°47'	156°02'	40°23'	359°49'	16°44'	273°35'	226°27'
20.04.2043	29°50'	162°14'	168°22'	40°05'	1°02'	17°30'	273°35'	226°23'
21.04.2043	30°48'	174°28'	180°31'	39°41'	2°15'	18°16'	273°35'	226°19'
22.04.2043	31°47'	186°33'	192°32'	39°13'	3°28'	19°02'	273°35'	226°14'
23.04.2043	32°45'	198°30'	204°27'	38°42'	4°40'	19°48'	273°35'	226°10'
24.04.2043	33°44'	210°23'	216°18'	38°07'	5°53'	20°34'	273°34'	226°06'
25.04.2043	34°42'	222°13'	228°08'	37°30'	7°06'	21°19'	273°33'	226°01'
26.04.2043	35°41'	234°03'	239°58'	36°51'	8°19'	22°05'	273°32'	225°57'
27.04.2043	36°39'	245°54'	251°51'	36°10'	9°32'	22°51'	273°31'	225°52'
28.04.2043	37°37'	257°49'	263°49'	35°30'	10°45'	23°36'	273°30'	225°48'
29.04.2043	38°36'	269°51'	275°55'	34°50'	11°58'	24°22'	273°28'	225°44'
30.04.2043	39°34'	282°01'	288°11'	34°11'	13°11'	25°08'	273°26'	225°39'
01.05.2043	40°32'	294°24'	300°41'	33°34'	14°24'	25°53'	273°24'	225°35'
02.05.2043	41°31'	307°03'	313°30'	32°59'	15°37'	26°38'	273°22'	225°30'
03.05.2043	42°29'	320°02'	326°40'	32°27'	16°50'	27°24'	273°20'	225°26'
04.05.2043	43°27'	333°24'	340°15'	31°59'	18°03'	28°09'	273°18'	225°21'
05.05.2043	44°25'	347°12'	354°16'	31°34'	19°16'	28°55'	273°15'	225°17'
06.05.2043	45°23'	1°27'	8°43'	31°14'	20°29'	29°40'	273°12'	225°12'
07.05.2043	46°21'	16°06'	23°33'	30°58'	21°42'	30°25'	273°09'	225°07'
08.05.2043	47°20'	31°05'	38°40'	30°46'	22°55'	31°10'	273°06'	225°03'
09.05.2043	48°18'	46°18'	53°56'	30°39'	24°08'	31°55'	273°03'	224°58'
10.05.2043	49°16'	61°33'	69°09'	30°37'	25°21'	32°40'	272°59'	224°54'
11.05.2043	50°14'	76°41'	84°09'	30°39'	26°34'	33°25'	272°55'	224°49'
12.05.2043	51°12'	91°32'	98°49'	30°46'	27°47'	34°10'	272°51'	224°45'
13.05.2043	52°10'	105°59'	113°01'	30°57'	29°00'	34°55'	272°47'	224°40'
14.05.2043	53°08'	119°57'	126°46'	31°13'	30°13'	35°40'	272°43'	224°36'
15.05.2043	54°06'	133°27'	140°02'	31°34'	31°26'	36°25'	272°39'	224°32'
16.05.2043	55°03'	146°30'	152°53'	31°59'	32°39'	37°10'	272°34'	224°27'
17.05.2043	56°01'	159°10'	165°22'	32°28'	33°52'	37°54'	272°30'	224°23'
18.05.2043	56°59'	171°31'	177°36'	33°01'	35°05'	38°39'	272°25'	224°18'
19.05.2043	57°57'	183°37'	189°37'	33°38'	36°18'	39°24'	272°20'	224°14'

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20.05.2043	58°55'	195°34'	201°31'	34°19'	37°31'	40°08'	272°15'	224°10'
21.05.2043	59°52'	207°26'	213°20'	35°04'	38°44'	40°53'	272°09'	224°05'
22.05.2043	60°50'	219°15'	225°09'	35°52'	39°57'	41°37'	272°04'	224°01'
23.05.2043	61°48'	231°04'	236°59'	36°44'	41°10'	42°22'	271°58'	223°57'
24.05.2043	62°45'	242°56'	248°53'	37°39'	42°23'	43°06'	271°53'	223°53'
25.05.2043	63°43'	254°52'	260°52'	38°37'	43°37'	43°50'	271°47'	223°49'
26.05.2043	64°41'	266°54'	272°58'	39°39'	44°50'	44°34'	271°41'	223°45'
27.05.2043	65°38'	279°04'	285°11'	40°44'	46°03'	45°19'	271°35'	223°41'
28.05.2043	66°36'	291°22'	297°35'	41°51'	47°16'	46°03'	271°29'	223°37'
29.05.2043	67°34'	303°51'	310°10'	43°02'	48°29'	46°47'	271°22'	223°33'
30.05.2043	68°31'	316°33'	323°00'	44°16'	49°42'	47°31'	271°16'	223°29'
31.05.2043	69°29'	329°32'	336°08'	45°32'	50°55'	48°15'	271°09'	223°25'
01.06.2043	70°26'	342°49'	349°36'	46°51'	52°08'	48°59'	271°03'	223°21'
02.06.2043	71°24'	356°28'	3°26'	48°13'	53°22'	49°42'	270°56'	223°17'
03.06.2043	72°21'	10°31'	17°41'	49°38'	54°35'	50°26'	270°49'	223°14'
04.06.2043	73°19'	24°57'	32°18'	51°05'	55°48'	51°10'	270°42'	223°10'
05.06.2043	74°16'	39°43'	47°13'	52°35'	57°01'	51°54'	270°35'	223°07'
06.06.2043	75°14'	54°46'	62°20'	54°08'	58°14'	52°37'	270°28'	223°03'
07.06.2043	76°11'	69°55'	77°30'	55°43'	59°28'	53°21'	270°21'	223°00'
08.06.2043	77°09'	85°02'	92°31'	57°21'	60°41'	54°04'	270°14'	222°56'
09.06.2043	78°06'	99°56'	107°15'	59°01'	61°54'	54°48'	270°07'	222°53'
10.06.2043	79°03'	114°28'	121°34'	60°44'	63°07'	55°31'	269°59'	222°50'
11.06.2043	80°01'	128°32'	135°24'	62°30'	64°20'	56°15'	269°52'	222°47'
12.06.2043	80°58'	142°08'	148°45'	64°18'	65°34'	56°58'	269°44'	222°44'
13.06.2043	81°55'	155°15'	161°39'	66°09'	66°47'	57°41'	269°37'	222°41'
14.06.2043	82°53'	167°57'	174°09'	68°02'	68°00'	58°24'	269°29'	222°38'
15.06.2043	83°50'	180°18'	186°22'	69°57'	69°14'	59°07'	269°22'	222°35'
16.06.2043	84°47'	192°23'	198°22'	71°55'	70°27'	59°50'	269°14'	222°32'
17.06.2043	85°45'	204°18'	210°14'	73°55'	71°40'	60°33'	269°07'	222°29'
18.06.2043	86°42'	216°08'	222°02'	75°57'	72°53'	61°16'	268°59'	222°27'
19.06.2043	87°39'	227°57'	233°52'	78°01'	74°07'	61°59'	268°51'	222°24'
20.06.2043	88°37'	239°48'	245°45'	80°07'	75°20'	62°42'	268°44'	222°22'
21.06.2043	89°34'	251°45'	257°46'	82°14'	76°33'	63°25'	268°36'	222°19'
22.06.2043	90°31'	263°48'	269°54'	84°23'	77°47'	64°07'	268°28'	222°17'
23.06.2043	91°28'	276°01'	282°11'	86°33'	79°00'	64°50'	268°21'	222°15'
24.06.2043	92°25'	288°23'	294°38'	88°43'	80°13'	65°33'	268°13'	222°13'
25.06.2043	93°23'	300°55'	307°15'	90°55'	81°27'	66°15'	268°05'	222°11'
26.06.2043	94°20'	313°37'	320°03'	93°06'	82°40'	66°58'	267°58'	222°09'
27.06.2043	95°17'	326°31'	333°03'	95°17'	83°54'	67°40'	267°50'	222°07'
28.06.2043	96°14'	339°38'	346°16'	97°28'	85°07'	68°22'	267°43'	222°05'
29.06.2043	97°12'	352°59'	359°45'	99°39'	86°20'	69°05'	267°35'	222°04'
30.06.2043	98°09'	6°36'	13°31'	101°49'	87°34'	69°47'	267°28'	222°02'
01.07.2043	99°06'	20°31'	27°35'	103°57'	88°47'	70°29'	267°20'	222°01'
02.07.2043	100°03'	34°44'	41°57'	106°05'	90°01'	71°11'	267°13'	221°59'
03.07.2043	101°00'	49°14'	56°34'	108°11'	91°14'	71°53'	267°06'	221°58'
04.07.2043	101°58'	63°57'	71°22'	110°16'	92°28'	72°35'	266°59'	221°57'
05.07.2043	102°55'	78°48'	86°14'	112°19'	93°41'	73°17'	266°51'	221°56'
06.07.2043	103°52'	93°38'	101°00'	114°20'	94°55'	73°59'	266°44'	221°55'
07.07.2043	104°49'	108°19'	115°34'	116°20'	96°09'	74°41'	266°37'	221°54'
08.07.2043	105°47'	122°43'	129°46'	118°17'	97°22'	75°23'	266°30'	221°53'
09.07.2043	106°44'	136°44'	143°35'	120°13'	98°36'	76°04'	266°24'	221°52'
10.07.2043	107°41'	150°19'	156°56'	122°07'	99°49'	76°46'	266°17'	221°52'
11.07.2043	108°38'	163°27'	169°52'	123°59'	101°03'	77°28'	266°10'	221°51'
12.07.2043	109°35'	176°11'	182°24'	125°49'	102°17'	78°09'	266°04'	221°51'
13.07.2043	110°33'	188°34'	194°39'	127°37'	103°30'	78°51'	265°57'	221°50'

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14.07.2043	111°30'	200°41'	206°40'	129°23'	104°44'	79°32'	265°51'	221°50'
15.07.2043	112°27'	212°37'	218°33'	131°08'	105°58'	80°13'	265°45'	221°50'
16.07.2043	113°24'	224°28'	230°23'	132°50'	107°11'	80°55'	265°39'	221°50'
17.07.2043	114°22'	236°18'	242°15'	134°30'	108°25'	81°36'	265°33'	221°50'
18.07.2043	115°19'	248°13'	254°13'	136°09'	109°39'	82°17'	265°27'	221°50'
19.07.2043	116°16'	260°15'	266°19'	137°45'	110°53'	82°58'	265°22'	221°51'
20.07.2043	117°13'	272°27'	278°37'	139°20'	112°06'	83°39'	265°16'	221°51'
21.07.2043	118°11'	284°51'	291°08'	140°52'	113°20'	84°20'	265°11'	221°51'
22.07.2043	119°08'	297°27'	303°51'	142°23'	114°34'	85°01'	265°05'	221°52'
23.07.2043	120°05'	310°17'	316°46'	143°52'	115°48'	85°42'	265°00'	221°53'
24.07.2043	121°02'	323°18'	329°54'	145°18'	117°01'	86°23'	264°55'	221°53'
25.07.2043	122°00'	336°32'	343°13'	146°43'	118°15'	87°03'	264°50'	221°54'
26.07.2043	122°57'	349°56'	356°42'	148°06'	119°29'	87°44'	264°46'	221°55'
27.07.2043	123°54'	3°31'	10°23'	149°26'	120°43'	88°25'	264°41'	221°56'
28.07.2043	124°51'	17°17'	24°14'	150°44'	121°57'	89°05'	264°37'	221°57'
29.07.2043	125°49'	31°14'	38°16'	152°01'	123°11'	89°46'	264°33'	221°59'
30.07.2043	126°46'	45°21'	52°29'	153°15'	124°25'	90°26'	264°29'	222°00'
31.07.2043	127°44'	59°38'	66°49'	154°26'	125°39'	91°06'	264°25'	222°01'
01.08.2043	128°41'	74°02'	81°15'	155°36'	126°53'	91°47'	264°21'	222°03'
02.08.2043	129°38'	88°28'	95°41'	156°43'	128°07'	92°27'	264°18'	222°05'
03.08.2043	130°36'	102°53'	110°03'	157°47'	129°21'	93°07'	264°14'	222°06'
04.08.2043	131°33'	117°10'	124°14'	158°49'	130°35'	93°47'	264°11'	222°08'
05.08.2043	132°31'	131°14'	138°09'	159°48'	131°49'	94°27'	264°08'	222°10'
06.08.2043	133°28'	144°59'	151°44'	160°44'	133°03'	95°07'	264°05'	222°12'
07.08.2043	134°26'	158°23'	164°57'	161°37'	134°17'	95°47'	264°03'	222°14'
08.08.2043	135°23'	171°26'	177°49'	162°28'	135°31'	96°27'	264°00'	222°16'
09.08.2043	136°21'	184°07'	190°21'	163°14'	136°45'	97°07'	263°58'	222°19'
10.08.2043	137°18'	196°30'	202°36'	163°58'	137°59'	97°47'	263°56'	222°21'
11.08.2043	138°16'	208°38'	214°38'	164°37'	139°13'	98°26'	263°54'	222°23'
12.08.2043	139°13'	220°36'	226°32'	165°13'	140°27'	99°06'	263°52'	222°26'
13.08.2043	140°11'	232°28'	238°24'	165°45'	141°42'	99°46'	263°51'	222°29'
14.08.2043	141°08'	244°20'	250°18'	166°13'	142°56'	100°25'	263°49'	222°31'
15.08.2043	142°06'	256°17'	262°18'	166°36'	144°10'	101°05'	263°48'	222°34'
16.08.2043	143°04'	268°22'	274°29'	166°54'	145°24'	101°44'	263°47'	222°37'
17.08.2043	144°01'	280°40'	286°54'	167°08'	146°38'	102°23'	263°46'	222°40'
18.08.2043	144°59'	293°13'	299°35'	167°16'	147°52'	103°02'	263°46'	222°43'
19.08.2043	145°57'	306°02'	312°33'	167°19'	149°07'	103°42'	263°45'	222°46'
20.08.2043	146°54'	319°08'	325°48'	167°17'	150°21'	104°21'	263°45'	222°50'
21.08.2043	147°52'	332°31'	339°17'	167°09'	151°35'	105°00'	263°45'	222°53'
22.08.2043	148°50'	346°08'	353°01'	166°55'	152°49'	105°39'	263°45'	222°56'
23.08.2043	149°48'	359°57'	6°55'	166°35'	154°04'	106°18'	263°46'	223°00'
24.08.2043	150°45'	13°55'	20°57'	166°10'	155°18'	106°56'	263°46'	223°04'
25.08.2043	151°43'	28°01'	35°05'	165°39'	156°32'	107°35'	263°47'	223°07'
26.08.2043	152°41'	42°11'	49°17'	165°02'	157°46'	108°14'	263°48'	223°11'
27.08.2043	153°39'	56°23'	63°30'	164°21'	159°01'	108°53'	263°49'	223°15'
28.08.2043	154°37'	70°36'	77°41'	163°35'	160°15'	109°31'	263°50'	223°19'
29.08.2043	155°35'	84°46'	91°50'	162°45'	161°29'	110°10'	263°51'	223°23'
30.08.2043	156°33'	98°52'	105°53'	161°52'	162°44'	110°48'	263°53'	223°27'
31.08.2043	157°31'	112°51'	119°47'	160°57'	163°58'	111°27'	263°55'	223°31'
01.09.2043	158°29'	126°41'	133°31'	160°01'	165°12'	112°05'	263°57'	223°35'
02.09.2043	159°27'	140°17'	147°00'	159°04'	166°27'	112°43'	263°59'	223°39'
03.09.2043	160°25'	153°40'	160°15'	158°09'	167°41'	113°21'	264°01'	223°44'
04.09.2043	161°23'	166°46'	173°12'	157°17'	168°56'	113°59'	264°04'	223°48'
05.09.2043	162°21'	179°35'	185°54'	156°27'	170°10'	114°37'	264°07'	223°53'
06.09.2043	163°19'	192°08'	198°19'	155°43'	171°24'	115°15'	264°09'	223°57'

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07.09.2043	164°18'	204°27'	210°31'	155°05'	172°39'	115°53'	264°13'	224°02'
08.09.2043	165°16'	216°33'	222°32'	154°33'	173°53'	116°31'	264°16'	224°07'
09.09.2043	166°14'	228°30'	234°27'	154°09'	175°08'	117°09'	264°19'	224°12'
10.09.2043	167°12'	240°22'	246°18'	153°53'	176°22'	117°46'	264°23'	224°16'
11.09.2043	168°11'	252°14'	258°12'	153°46'	177°37'	118°24'	264°27'	224°21'
12.09.2043	169°09'	264°11'	270°12'	153°48'	178°51'	119°02'	264°31'	224°26'
13.09.2043	170°07'	276°16'	282°23'	153°59'	180°05'	119°39'	264°35'	224°32'
14.09.2043	171°06'	288°34'	294°50'	154°19'	181°20'	120°16'	264°39'	224°37'
15.09.2043	172°04'	301°10'	307°35'	154°48'	182°34'	120°54'	264°44'	224°42'
16.09.2043	173°02'	314°05'	320°41'	155°26'	183°49'	121°31'	264°48'	224°47'
17.09.2043	174°01'	327°22'	334°09'	156°13'	185°03'	122°08'	264°53'	224°52'
18.09.2043	174°59'	341°01'	347°58'	157°07'	186°18'	122°45'	264°58'	224°58'
19.09.2043	175°58'	354°59'	2°05'	158°09'	187°32'	123°22'	265°03'	225°03'
20.09.2043	176°57'	9°14'	16°26'	159°18'	188°47'	123°59'	265°08'	225°09'
21.09.2043	177°55'	23°40'	30°56'	160°33'	190°01'	124°36'	265°14'	225°14'
22.09.2043	178°54'	38°13'	45°30'	161°54'	191°15'	125°13'	265°20'	225°20'
23.09.2043	179°52'	52°46'	60°01'	163°19'	192°30'	125°49'	265°25'	225°26'
24.09.2043	180°51'	67°15'	74°26'	164°50'	193°44'	126°26'	265°31'	225°31'
25.09.2043	181°50'	81°34'	88°40'	166°24'	194°59'	127°03'	265°37'	225°37'
26.09.2043	182°49'	95°43'	102°42'	168°01'	196°13'	127°39'	265°44'	225°43'
27.09.2043	183°47'	109°37'	116°29'	169°41'	197°28'	128°15'	265°50'	225°49'
28.09.2043	184°46'	123°17'	130°02'	171°24'	198°42'	128°52'	265°57'	225°55'
29.09.2043	185°45'	136°43'	143°21'	173°08'	199°57'	129°28'	266°03'	226°01'
30.09.2043	186°44'	149°55'	156°25'	174°53'	201°11'	130°04'	266°10'	226°07'
01.10.2043	187°43'	162°52'	169°16'	176°40'	202°26'	130°40'	266°17'	226°13'
02.10.2043	188°42'	175°37'	181°55'	178°27'	203°40'	131°16'	266°24'	226°19'
03.10.2043	189°41'	188°09'	194°21'	180°15'	204°55'	131°52'	266°31'	226°25'
04.10.2043	190°40'	200°30'	206°36'	182°02'	206°09'	132°28'	266°39'	226°32'
05.10.2043	191°39'	212°40'	218°42'	183°50'	207°24'	133°03'	266°46'	226°38'
06.10.2043	192°38'	224°42'	230°40'	185°38'	208°38'	133°39'	266°54'	226°44'
07.10.2043	193°37'	236°37'	242°33'	187°25'	209°53'	134°14'	267°02'	226°51'
08.10.2043	194°37'	248°28'	254°24'	189°12'	211°07'	134°50'	267°10'	226°57'
09.10.2043	195°36'	260°19'	266°16'	190°59'	212°22'	135°25'	267°18'	227°03'
10.10.2043	196°35'	272°14'	278°14'	192°45'	213°36'	136°00'	267°26'	227°10'
11.10.2043	197°34'	284°16'	290°22'	194°31'	214°51'	136°35'	267°35'	227°16'
12.10.2043	198°34'	296°31'	302°45'	196°15'	216°05'	137°10'	267°43'	227°23'
13.10.2043	199°33'	309°03'	315°27'	198°00'	217°20'	137°45'	267°52'	227°30'
14.10.2043	200°32'	321°57'	328°32'	199°43'	218°34'	138°20'	268°01'	227°36'
15.10.2043	201°32'	335°14'	342°03'	201°26'	219°49'	138°55'	268°10'	227°43'
16.10.2043	202°31'	348°58'	355°59'	203°08'	221°03'	139°30'	268°19'	227°50'
17.10.2043	203°31'	3°07'	10°21'	204°50'	222°18'	140°04'	268°28'	227°56'
18.10.2043	204°30'	17°39'	25°02'	206°31'	223°32'	140°38'	268°37'	228°03'
19.10.2043	205°30'	32°29'	39°58'	208°11'	224°47'	141°13'	268°46'	228°10'
20.10.2043	206°29'	47°28'	54°59'	209°50'	226°01'	141°47'	268°56'	228°17'
21.10.2043	207°29'	62°28'	69°56'	211°29'	227°16'	142°21'	269°05'	228°24'
22.10.2043	208°29'	77°20'	84°41'	213°07'	228°30'	142°55'	269°15'	228°30'
23.10.2043	209°28'	91°57'	99°09'	214°45'	229°44'	143°29'	269°25'	228°37'
24.10.2043	210°28'	106°14'	113°15'	216°22'	230°59'	144°03'	269°35'	228°44'
25.10.2043	211°28'	120°09'	126°58'	217°58'	232°13'	144°36'	269°45'	228°51'
26.10.2043	212°27'	133°42'	140°21'	219°34'	233°28'	145°10'	269°55'	228°58'
27.10.2043	213°27'	146°54'	153°23'	221°09'	234°42'	145°43'	270°05'	229°05'
28.10.2043	214°27'	159°48'	166°09'	222°44'	235°57'	146°17'	270°16'	229°12'
29.10.2043	215°27'	172°27'	178°41'	224°19'	237°11'	146°50'	270°26'	229°19'
30.10.2043	216°27'	184°53'	191°02'	225°52'	238°26'	147°23'	270°37'	229°26'
31.10.2043	217°27'	197°09'	203°14'	227°26'	239°40'	147°56'	270°47'	229°33'

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01.11.2043	218°27'	209°17'	215°18'	228°59'	240°54'	148°29'	270°58'	229°40'
02.11.2043	219°27'	221°18'	227°16'	230°31'	242°09'	149°01'	271°09'	229°47'
03.11.2043	220°27'	233°14'	239°11'	232°03'	243°23'	149°34'	271°20'	229°55'
04.11.2043	221°27'	245°07'	251°02'	233°34'	244°38'	150°06'	271°31'	230°02'
05.11.2043	222°27'	256°57'	262°53'	235°05'	245°52'	150°38'	271°42'	230°09'
06.11.2043	223°27'	268°49'	274°45'	236°36'	247°06'	151°11'	271°53'	230°16'
07.11.2043	224°28'	280°43'	286°42'	238°06'	248°21'	151°43'	272°05'	230°23'
08.11.2043	225°28'	292°44'	298°48'	239°36'	249°35'	152°14'	272°16'	230°30'
09.11.2043	226°28'	304°55'	311°06'	241°05'	250°50'	152°46'	272°28'	230°37'
10.11.2043	227°28'	317°22'	323°42'	242°34'	252°04'	153°18'	272°39'	230°45'
11.11.2043	228°29'	330°08'	336°39'	244°03'	253°18'	153°49'	272°51'	230°52'
12.11.2043	229°29'	343°18'	350°02'	245°31'	254°33'	154°20'	273°02'	230°59'
13.11.2043	230°29'	356°55'	3°54'	246°58'	255°47'	154°51'	273°14'	231°06'
14.11.2043	231°29'	11°01'	18°14'	248°25'	257°01'	155°22'	273°26'	231°13'
15.11.2043	232°30'	25°35'	33°01'	249°51'	258°16'	155°53'	273°38'	231°20'
16.11.2043	233°30'	40°33'	48°08'	251°17'	259°30'	156°24'	273°50'	231°28'
17.11.2043	234°31'	55°46'	63°26'	252°42'	260°44'	156°54'	274°02'	231°35'
18.11.2043	235°31'	71°06'	78°44'	254°06'	261°59'	157°24'	274°14'	231°42'
19.11.2043	236°32'	86°19'	93°50'	255°29'	263°13'	157°55'	274°27'	231°49'
20.11.2043	237°32'	101°16'	108°36'	256°52'	264°27'	158°24'	274°39'	231°56'
21.11.2043	238°33'	115°50'	122°56'	258°13'	265°42'	158°54'	274°51'	232°03'
22.11.2043	239°33'	129°55'	136°47'	259°33'	266°56'	159°24'	275°04'	232°11'
23.11.2043	240°34'	143°32'	150°11'	260°52'	268°10'	159°53'	275°16'	232°18'
24.11.2043	241°34'	156°43'	163°09'	262°10'	269°24'	160°22'	275°29'	232°25'
25.11.2043	242°35'	169°30'	175°47'	263°25'	270°38'	160°51'	275°42'	232°32'
26.11.2043	243°36'	181°59'	188°08'	264°39'	271°53'	161°20'	275°54'	232°39'
27.11.2043	244°37'	194°14'	200°18'	265°51'	273°07'	161°49'	276°07'	232°46'
28.11.2043	245°37'	206°19'	212°19'	267°00'	274°21'	162°17'	276°20'	232°53'
29.11.2043	246°38'	218°17'	224°15'	268°06'	275°35'	162°46'	276°33'	233°00'
30.11.2043	247°39'	230°11'	236°07'	269°08'	276°49'	163°14'	276°46'	233°07'
01.12.2043	248°40'	242°03'	247°59'	270°07'	278°04'	163°41'	276°59'	233°14'
02.12.2043	249°40'	253°55'	259°51'	271°02'	279°18'	164°09'	277°12'	233°21'
03.12.2043	250°41'	265°47'	271°44'	271°52'	280°32'	164°36'	277°25'	233°28'
04.12.2043	251°42'	277°42'	283°41'	272°36'	281°46'	165°03'	277°38'	233°35'
05.12.2043	252°43'	289°41'	295°42'	273°14'	283°00'	165°30'	277°51'	233°42'
06.12.2043	253°44'	301°45'	307°50'	273°44'	284°14'	165°57'	278°04'	233°49'
07.12.2043	254°45'	313°58'	320°09'	274°07'	285°28'	166°23'	278°17'	233°56'
08.12.2043	255°46'	326°24'	332°42'	274°21'	286°42'	166°49'	278°31'	234°03'
09.12.2043	256°47'	339°05'	345°33'	274°25'	287°56'	167°15'	278°44'	234°10'
10.12.2043	257°48'	352°07'	358°47'	274°19'	289°10'	167°41'	278°57'	234°17'
11.12.2043	258°49'	5°33'	12°26'	274°02'	290°24'	168°06'	279°11'	234°23'
12.12.2043	259°50'	19°27'	26°34'	273°33'	291°38'	168°31'	279°24'	234°30'
13.12.2043	260°51'	33°48'	41°09'	272°53'	292°52'	168°56'	279°38'	234°37'
14.12.2043	261°52'	48°37'	56°09'	272°02'	294°06'	169°20'	279°51'	234°43'
15.12.2043	262°53'	63°45'	71°25'	271°00'	295°20'	169°45'	280°05'	234°50'
16.12.2043	263°54'	79°05'	86°46'	269°50'	296°34'	170°09'	280°18'	234°57'
17.12.2043	264°55'	94°25'	102°01'	268°33'	297°47'	170°32'	280°32'	235°03'
18.12.2043	265°56'	109°33'	116°59'	267°12'	299°01'	170°56'	280°46'	235°10'
19.12.2043	266°57'	124°19'	131°32'	265°49'	300°15'	171°19'	280°59'	235°16'
20.12.2043	267°58'	138°37'	145°35'	264°27'	301°29'	171°41'	281°13'	235°23'
21.12.2043	268°59'	152°25'	159°07'	263°09'	302°42'	172°04'	281°27'	235°29'
22.12.2043	270°00'	165°42'	172°11'	261°57'	303°56'	172°26'	281°41'	235°35'
23.12.2043	271°01'	178°34'	184°51'	260°53'	305°09'	172°47'	281°54'	235°42'
24.12.2043	272°02'	191°03'	197°11'	259°59'	306°23'	173°09'	282°08'	235°48'
25.12.2043	273°03'	203°16'	209°17'	259°16'	307°37'	173°30'	282°22'	235°54'

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26.12.2043	274°04'	215°17'	221°14'	258°43'	308°50'	173°50'	282°36'	236°00'
27.12.2043	275°06'	227°11'	233°06'	258°20'	310°03'	174°11'	282°50'	236°07'
28.12.2043	276°07'	239°01'	244°56'	258°09'	311°17'	174°31'	283°03'	236°13'
29.12.2043	277°08'	250°52'	256°48'	258°07'	312°30'	174°50'	283°17'	236°19'
30.12.2043	278°09'	262°44'	268°42'	258°14'	313°44'	175°09'	283°31'	236°25'
31.12.2043	279°10'	274°41'	280°41'	258°30'	314°57'	175°28'	283°45'	236°31'
01.01.2044	280°11'	286°43'	292°46'	258°53'	316°10'	175°46'	283°59'	236°36'
02.01.2044	281°13'	298°50'	304°57'	259°24'	317°23'	176°04'	284°13'	236°42'
03.01.2044	282°14'	311°05'	317°16'	260°01'	318°36'	176°22'	284°27'	236°48'
04.01.2044	283°15'	323°29'	329°44'	260°43'	319°50'	176°38'	284°41'	236°54'
05.01.2044	284°16'	336°02'	342°24'	261°30'	321°03'	176°55'	284°55'	236°59'
06.01.2044	285°17'	348°49'	355°18'	262°22'	322°16'	177°11'	285°09'	237°05'
07.01.2044	286°18'	1°52'	8°30'	263°18'	323°28'	177°27'	285°23'	237°10'
08.01.2044	287°20'	15°13'	22°02'	264°18'	324°41'	177°42'	285°37'	237°16'
09.01.2044	288°21'	28°56'	35°57'	265°20'	325°54'	177°56'	285°51'	237°21'
10.01.2044	289°22'	43°03'	50°15'	266°26'	327°07'	178°10'	286°04'	237°27'
11.01.2044	290°23'	57°32'	64°54'	267°33'	328°19'	178°24'	286°18'	237°32'
12.01.2044	291°24'	72°20'	79°50'	268°44'	329°32'	178°37'	286°32'	237°37'
13.01.2044	292°25'	87°21'	94°54'	269°56'	330°45'	178°50'	286°46'	237°42'
14.01.2044	293°26'	102°27'	109°58'	271°10'	331°57'	179°02'	287°00'	237°47'
15.01.2044	294°28'	117°26'	124°51'	272°26'	333°09'	179°13'	287°14'	237°52'
16.01.2044	295°29'	132°10'	139°24'	273°43'	334°22'	179°24'	287°28'	237°57'
17.01.2044	296°30'	146°31'	153°31'	275°01'	335°34'	179°35'	287°42'	238°02'
18.01.2044	297°31'	160°25'	167°11'	276°21'	336°46'	179°44'	287°56'	238°07'
19.01.2044	298°32'	173°50'	180°23'	277°42'	337°58'	179°54'	288°09'	238°11'
20.01.2044	299°33'	186°49'	193°09'	279°04'	339°10'	180°02'	288°23'	238°16'
21.01.2044	300°34'	199°24'	205°35'	280°27'	340°22'	180°10'	288°37'	238°21'
22.01.2044	301°35'	211°41'	217°44'	281°51'	341°33'	180°17'	288°51'	238°25'
23.01.2044	302°36'	223°44'	229°42'	283°16'	342°45'	180°24'	289°05'	238°29'
24.01.2044	303°37'	235°39'	241°34'	284°42'	343°57'	180°30'	289°18'	238°34'
25.01.2044	304°38'	247°30'	253°25'	286°09'	345°08'	180°35'	289°32'	238°38'
26.01.2044	305°39'	259°21'	265°18'	287°36'	346°19'	180°40'	289°46'	238°42'
27.01.2044	306°40'	271°16'	277°16'	289°04'	347°31'	180°44'	290°00'	238°46'
28.01.2044	307°41'	283°17'	289°21'	290°33'	348°42'	180°47'	290°13'	238°50'
29.01.2044	308°42'	295°27'	301°36'	292°03'	349°53'	180°50'	290°27'	238°54'
30.01.2044	309°43'	307°47'	314°01'	293°33'	351°04'	180°52'	290°40'	238°58'
31.01.2044	310°44'	320°17'	326°36'	295°04'	352°15'	180°53'	290°54'	239°02'
01.02.2044	311°45'	332°58'	339°22'	296°36'	353°25'	180°53'	291°07'	239°05'
02.02.2044	312°46'	345°50'	352°20'	298°09'	354°36'	180°53'	291°21'	239°09'
03.02.2044	313°47'	358°53'	5°30'	299°42'	355°47'	180°51'	291°34'	239°12'
04.02.2044	314°48'	12°10'	18°53'	301°16'	356°57'	180°50'	291°48'	239°16'
05.02.2044	315°49'	25°40'	32°30'	302°50'	358°07'	180°47'	292°01'	239°19'
06.02.2044	316°50'	39°25'	46°23'	304°26'	359°17'	180°43'	292°15'	239°22'
07.02.2044	317°50'	53°24'	60°29'	306°02'	0°27'	180°39'	292°28'	239°25'
08.02.2044	318°51'	67°38'	74°50'	307°39'	1°37'	180°34'	292°41'	239°28'
09.02.2044	319°52'	82°04'	89°21'	309°16'	2°47'	180°28'	292°54'	239°31'
10.02.2044	320°53'	96°39'	103°57'	310°55'	3°56'	180°22'	293°08'	239°34'
11.02.2044	321°54'	111°16'	118°34'	312°34'	5°05'	180°15'	293°21'	239°37'
12.02.2044	322°54'	125°50'	133°03'	314°14'	6°14'	180°06'	293°34'	239°40'
13.02.2044	323°55'	140°13'	147°20'	315°55'	7°23'	179°57'	293°47'	239°42'
14.02.2044	324°56'	154°21'	161°17'	317°36'	8°32'	179°48'	294°00'	239°45'
15.02.2044	325°56'	168°08'	174°53'	319°19'	9°41'	179°37'	294°13'	239°47'
16.02.2044	326°57'	181°32'	188°05'	321°02'	10°49'	179°26'	294°26'	239°49'
17.02.2044	327°57'	194°33'	200°55'	322°47'	11°58'	179°14'	294°38'	239°51'
18.02.2044	328°58'	207°13'	213°26'	324°32'	13°06'	179°01'	294°51'	239°53'

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19.02.2044	329°58'	219°34'	225°40'	326°18'	14°14'	178°48'	295°04'	239°55'
20.02.2044	330°59'	231°42'	237°41'	328°05'	15°21'	178°34'	295°16'	239°57'
21.02.2044	331°59'	243°39'	249°36'	329°52'	16°29'	178°19'	295°29'	239°59'
22.02.2044	333°00'	255°32'	261°28'	331°41'	17°36'	178°03'	295°42'	240°01'
23.02.2044	334°00'	267°25'	273°22'	333°31'	18°43'	177°46'	295°54'	240°02'
24.02.2044	335°01'	279°22'	285°23'	335°21'	19°50'	177°29'	296°06'	240°04'
25.02.2044	336°01'	291°26'	297°33'	337°13'	20°57'	177°12'	296°19'	240°05'
26.02.2044	337°02'	303°43'	309°56'	339°05'	22°03'	176°53'	296°31'	240°06'
27.02.2044	338°02'	316°12'	322°33'	340°58'	23°09'	176°34'	296°43'	240°08'
28.02.2044	339°02'	328°57'	335°25'	342°51'	24°15'	176°15'	296°55'	240°09'
29.02.2044	340°03'	341°57'	348°33'	344°45'	25°21'	175°55'	297°07'	240°10'
01.03.2044	341°03'	355°13'	1°55'	346°40'	26°26'	175°34'	297°19'	240°10'
02.03.2044	342°03'	8°42'	15°31'	348°35'	27°31'	175°13'	297°31'	240°11'
03.03.2044	343°03'	22°23'	29°18'	350°30'	28°36'	174°51'	297°43'	240°12'
04.03.2044	344°04'	36°15'	43°14'	352°25'	29°41'	174°30'	297°55'	240°12'
05.03.2044	345°04'	50°15'	57°18'	354°20'	30°45'	174°07'	298°06'	240°13'
06.03.2044	346°04'	64°22'	71°27'	356°14'	31°49'	173°45'	298°18'	240°13'
07.03.2044	347°04'	78°33'	85°40'	358°08'	32°53'	173°22'	298°29'	240°13'
08.03.2044	348°04'	92°47'	99°53'	0°01'	33°56'	172°59'	298°41'	240°14'
09.03.2044	349°04'	106°59'	114°05'	1°52'	34°59'	172°35'	298°52'	240°14'
10.03.2044	350°04'	121°09'	128°12'	3°41'	36°02'	172°12'	299°03'	240°14'
11.03.2044	351°04'	135°13'	142°11'	5°28'	37°04'	171°48'	299°14'	240°13'
12.03.2044	352°04'	149°07'	156°00'	7°12'	38°06'	171°25'	299°25'	240°13'
13.03.2044	353°04'	162°49'	169°35'	8°53'	39°08'	171°01'	299°36'	240°13'
14.03.2044	354°03'	176°16'	182°54'	10°30'	40°09'	170°38'	299°47'	240°12'
15.03.2044	355°03'	189°27'	195°56'	12°03'	41°10'	170°14'	299°58'	240°12'
16.03.2044	356°03'	202°21'	208°42'	13°31'	42°10'	169°51'	300°09'	240°11'
17.03.2044	357°03'	214°58'	221°41'	14°54'	43°10'	169°27'	300°19'	240°10'
18.03.2044	358°02'	227°20'	233°25'	16°11'	44°10'	169°04'	300°30'	240°10'
19.03.2044	359°02'	239°28'	245°29'	17°22'	45°09'	168°42'	300°40'	240°09'
20.03.2044	0°02'	251°28'	257°25'	18°26'	46°08'	168°19'	300°50'	240°07'
21.03.2044	1°01'	263°22'	269°18'	19°23'	47°06'	167°57'	301°00'	240°06'
22.03.2044	2°01'	275°15'	281°13'	20°14'	48°04'	167°35'	301°10'	240°05'
23.03.2044	3°00'	287°12'	293°13'	20°56'	49°01'	167°13'	301°20'	240°04'
24.03.2044	4°00'	299°17'	305°24'	21°32'	49°58'	166°52'	301°30'	240°02'
25.03.2044	4°59'	311°35'	317°50'	21°59'	50°54'	166°32'	301°40'	240°01'
26.03.2044	5°59'	324°10'	330°34'	22°19'	51°49'	166°12'	301°50'	239°59'
27.03.2044	6°58'	337°04'	343°39'	22°31'	52°44'	165°52'	301°59'	239°57'
28.03.2044	7°58'	350°19'	357°04'	22°35'	53°39'	165°33'	302°08'	239°56'
29.03.2044	8°57'	3°54'	10°49'	22°32'	54°33'	165°15'	302°18'	239°54'
30.03.2044	9°56'	17°49'	24°52'	22°21'	55°26'	164°57'	302°27'	239°52'
31.03.2044	10°56'	31°59'	39°08'	22°04'	56°18'	164°40'	302°36'	239°49'
01.04.2044	11°55'	46°20'	53°33'	21°40'	57°10'	164°24'	302°45'	239°47'
02.04.2044	12°54'	60°46'	68°00'	21°11'	58°01'	164°08'	302°53'	239°45'
03.04.2044	13°53'	75°13'	82°24'	20°37'	58°52'	163°53'	303°02'	239°43'
04.04.2044	14°52'	89°34'	96°42'	19°58'	59°41'	163°39'	303°10'	239°40'
05.04.2044	15°52'	103°48'	110°51'	19°15'	60°30'	163°26'	303°19'	239°38'
06.04.2044	16°51'	117°52'	124°49'	18°30'	61°18'	163°13'	303°27'	239°35'
07.04.2044	17°50'	131°43'	138°35'	17°44'	62°05'	163°01'	303°35'	239°32'
08.04.2044	18°49'	145°23'	152°09'	16°56'	62°51'	162°50'	303°43'	239°30'
09.04.2044	19°48'	158°51'	165°30'	16°09'	63°37'	162°39'	303°51'	239°27'
10.04.2044	20°47'	172°07'	178°40'	15°23'	64°21'	162°30'	303°59'	239°24'
11.04.2044	21°45'	185°10'	191°37'	14°39'	65°04'	162°21'	304°06'	239°21'
12.04.2044	22°44'	198°01'	204°22'	13°57'	65°46'	162°13'	304°14'	239°18'
13.04.2044	23°43'	210°40'	216°55'	13°19'	66°28'	162°05'	304°21'	239°15'

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14.04.2044	24°42'	223°07'	229°16'	12°44'	67°08'	161°59'	304°28'	239°11'
15.04.2044	25°41'	235°23'	241°27'	12°14'	67°46'	161°53'	304°35'	239°08'
16.04.2044	26°39'	247°29'	253°28'	11°48'	68°24'	161°48'	304°42'	239°05'
17.04.2044	27°38'	259°27'	265°24'	11°27'	69°00'	161°44'	304°48'	239°01'
18.04.2044	28°37'	271°20'	277°16'	11°12'	69°36'	161°41'	304°55'	238°58'
19.04.2044	29°35'	283°12'	289°10'	11°01'	70°09'	161°38'	305°01'	238°54'
20.04.2044	30°34'	295°08'	301°08'	10°56'	70°42'	161°36'	305°08'	238°51'
21.04.2044	31°32'	307°11'	313°18'	10°55'	71°13'	161°35'	305°14'	238°47'
22.04.2044	32°31'	319°28'	325°42'	11°00'	71°42'	161°35'	305°19'	238°43'
23.04.2044	33°30'	332°01'	338°26'	11°10'	72°10'	161°35'	305°25'	238°39'
24.04.2044	34°28'	344°57'	351°34'	11°24'	72°36'	161°36'	305°31'	238°35'
25.04.2044	35°26'	358°18'	5°08'	11°43'	73°00'	161°38'	305°36'	238°32'
26.04.2044	36°25'	12°04'	19°07'	12°07'	73°23'	161°41'	305°41'	238°28'
27.04.2044	37°23'	26°16'	33°30'	12°35'	73°44'	161°44'	305°47'	238°24'
28.04.2044	38°22'	40°49'	48°11'	13°07'	74°03'	161°48'	305°51'	238°20'
29.04.2044	39°20'	55°36'	63°02'	13°44'	74°21'	161°53'	305°56'	238°15'
30.04.2044	40°18'	70°29'	77°56'	14°24'	74°36'	161°58'	306°01'	238°11'
01.05.2044	41°17'	85°21'	92°43'	15°08'	74°49'	162°04'	306°05'	238°07'
02.05.2044	42°15'	100°02'	107°17'	15°55'	75°00'	162°11'	306°09'	238°03'
03.05.2044	43°13'	114°27'	121°33'	16°46'	75°09'	162°18'	306°14'	237°59'
04.05.2044	44°11'	128°34'	135°29'	17°40'	75°16'	162°26'	306°17'	237°54'
05.05.2044	45°09'	142°20'	149°06'	18°37'	75°20'	162°35'	306°21'	237°50'
06.05.2044	46°08'	155°48'	162°25'	19°37'	75°22'	162°44'	306°25'	237°46'
07.05.2044	47°06'	168°59'	175°29'	20°40'	75°22'	162°54'	306°28'	237°41'
08.05.2044	48°04'	181°55'	188°18'	21°46'	75°19'	163°04'	306°31'	237°37'
09.05.2044	49°02'	194°38'	200°56'	22°54'	75°14'	163°15'	306°34'	237°33'
10.05.2044	50°00'	207°10'	213°23'	24°05'	75°06'	163°27'	306°37'	237°28'
11.05.2044	50°58'	219°33'	225°42'	25°19'	74°56'	163°39'	306°40'	237°24'
12.05.2044	51°56'	231°48'	237°52'	26°35'	74°44'	163°52'	306°42'	237°19'
13.05.2044	52°53'	243°54'	249°55'	27°54'	74°29'	164°05'	306°44'	237°15'
14.05.2044	53°51'	255°55'	261°53'	29°15'	74°12'	164°18'	306°47'	237°10'
15.05.2044	54°49'	267°50'	273°46'	30°38'	73°52'	164°33'	306°48'	237°06'
16.05.2044	55°47'	279°42'	285°37'	32°04'	73°30'	164°47'	306°50'	237°01'
17.05.2044	56°45'	291°33'	297°30'	33°32'	73°06'	165°03'	306°52'	236°57'
18.05.2044	57°43'	303°28'	309°27'	35°02'	72°40'	165°18'	306°53'	236°53'
19.05.2044	58°40'	315°29'	321°34'	36°34'	72°12'	165°34'	306°54'	236°48'
20.05.2044	59°38'	327°43'	333°56'	38°09'	71°42'	165°51'	306°55'	236°44'
21.05.2044	60°36'	340°14'	346°37'	39°46'	71°10'	166°08'	306°56'	236°39'
22.05.2044	61°34'	353°06'	359°42'	41°25'	70°37'	166°26'	306°57'	236°35'
23.05.2044	62°31'	6°25'	13°14'	43°06'	70°03'	166°44'	306°57'	236°30'
24.05.2044	63°29'	20°12'	27°16'	44°50'	69°27'	167°02'	306°57'	236°26'
25.05.2044	64°27'	34°28'	41°46'	46°36'	68°51'	167°21'	306°57'	236°21'
26.05.2044	65°24'	49°10'	56°39'	48°24'	68°14'	167°40'	306°57'	236°17'
27.05.2044	66°22'	64°12'	71°47'	50°14'	67°36'	168°00'	306°57'	236°12'
28.05.2044	67°20'	79°24'	87°00'	52°06'	66°59'	168°20'	306°56'	236°08'
29.05.2044	68°17'	94°35'	102°08'	54°01'	66°21'	168°40'	306°55'	236°04'
30.05.2044	69°15'	109°36'	116°59'	55°57'	65°44'	169°01'	306°54'	235°59'
31.05.2044	70°12'	124°17'	131°29'	57°56'	65°07'	169°23'	306°53'	235°55'
01.06.2044	71°10'	138°34'	145°33'	59°56'	64°31'	169°44'	306°52'	235°51'
02.06.2044	72°07'	152°26'	159°12'	61°59'	63°56'	170°06'	306°50'	235°47'
03.06.2044	73°05'	165°53'	172°28'	64°03'	63°22'	170°28'	306°49'	235°42'
04.06.2044	74°02'	178°58'	185°23'	66°09'	62°50'	170°51'	306°47'	235°38'
05.06.2044	75°00'	191°44'	198°01'	68°17'	62°19'	171°14'	306°45'	235°34'
06.06.2044	75°57'	204°15'	210°26'	70°26'	61°50'	171°37'	306°43'	235°30'
07.06.2044	76°55'	216°35'	222°41'	72°36'	61°23'	172°01'	306°40'	235°26'

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08.06.2044	77°52'	228°45'	234°48'	74°47'	60°57'	172°25'	306°37'	235°22'
09.06.2044	78°49'	240°49'	246°49'	76°59'	60°34'	172°49'	306°35'	235°18'
10.06.2044	79°47'	252°48'	258°46'	79°11'	60°14'	173°14'	306°32'	235°14'
11.06.2044	80°44'	264°43'	270°39'	81°23'	59°55'	173°39'	306°29'	235°10'
12.06.2044	81°41'	276°35'	282°31'	83°35'	59°39'	174°04'	306°25'	235°07'
13.06.2044	82°39'	288°27'	294°23'	85°46'	59°25'	174°29'	306°22'	235°03'
14.06.2044	83°36'	300°20'	306°17'	87°57'	59°13'	174°55'	306°18'	234°59'
15.06.2044	84°33'	312°16'	318°17'	90°07'	59°04'	175°21'	306°14'	234°56'
16.06.2044	85°31'	324°20'	330°25'	92°15'	58°58'	175°47'	306°10'	234°52'
17.06.2044	86°28'	336°34'	342°46'	94°23'	58°54'	176°14'	306°06'	234°49'
18.06.2044	87°25'	349°03'	355°25'	96°29'	58°52'	176°41'	306°02'	234°45'
19.06.2044	88°22'	1°53'	8°26'	98°33'	58°52'	177°08'	305°57'	234°42'
20.06.2044	89°20'	15°06'	21°53'	100°35'	58°55'	177°35'	305°52'	234°39'
21.06.2044	90°17'	28°48'	35°49'	102°35'	59°00'	178°03'	305°48'	234°35'
22.06.2044	91°14'	42°58'	50°14'	104°34'	59°08'	178°31'	305°43'	234°32'
23.06.2044	92°12'	57°36'	65°05'	106°30'	59°17'	178°59'	305°37'	234°29'
24.06.2044	93°09'	72°37'	80°14'	108°24'	59°29'	179°27'	305°32'	234°26'
25.06.2044	94°06'	87°52'	95°32'	110°16'	59°42'	179°56'	305°27'	234°23'
26.06.2044	95°03'	103°11'	110°48'	112°06'	59°58'	180°24'	305°21'	234°20'
27.06.2044	96°01'	118°21'	125°50'	113°54'	60°15'	180°54'	305°15'	234°18'
28.06.2044	96°58'	133°14'	140°31'	115°40'	60°34'	181°23'	305°10'	234°15'
29.06.2044	97°55'	147°42'	154°46'	117°23'	60°55'	181°52'	305°04'	234°12'
30.06.2044	98°52'	161°43'	168°33'	119°04'	61°18'	182°22'	304°58'	234°10'
01.07.2044	99°50'	175°16'	181°52'	120°43'	61°43'	182°52'	304°51'	234°07'
02.07.2044	100°47'	188°23'	194°48'	122°20'	62°09'	183°22'	304°45'	234°05'
03.07.2044	101°44'	201°08'	207°24'	123°54'	62°36'	183°52'	304°38'	234°02'
04.07.2044	102°41'	213°36'	219°44'	125°26'	63°05'	184°23'	304°32'	234°00'
05.07.2044	103°38'	225°50'	231°53'	126°56'	63°36'	184°54'	304°25'	233°58'
06.07.2044	104°36'	237°54'	243°54'	128°24'	64°08'	185°25'	304°18'	233°56'
07.07.2044	105°33'	249°52'	255°49'	129°49'	64°41'	185°56'	304°12'	233°54'
08.07.2044	106°30'	261°46'	267°42'	131°12'	65°16'	186°27'	304°05'	233°52'
09.07.2044	107°27'	273°38'	279°34'	132°33'	65°52'	186°58'	303°57'	233°51'
10.07.2044	108°24'	285°30'	291°27'	133°51'	66°29'	187°30'	303°50'	233°49'
11.07.2044	109°21'	297°24'	303°23'	135°07'	67°07'	188°02'	303°43'	233°47'
12.07.2044	110°19'	309°22'	315°23'	136°20'	67°46'	188°34'	303°36'	233°46'
13.07.2044	111°16'	321°25'	327°29'	137°31'	68°26'	189°06'	303°28'	233°44'
14.07.2044	112°13'	333°36'	339°44'	138°39'	69°08'	189°39'	303°21'	233°43'
15.07.2044	113°10'	345°56'	352°12'	139°44'	69°50'	190°11'	303°14'	233°42'
16.07.2044	114°07'	358°31'	4°55'	140°47'	70°33'	190°44'	303°06'	233°41'
17.07.2044	115°05'	11°23'	17°56'	141°47'	71°18'	191°17'	302°58'	233°40'
18.07.2044	116°02'	24°35'	31°20'	142°43'	72°03'	191°50'	302°51'	233°39'
19.07.2044	116°59'	38°11'	45°09'	143°37'	72°49'	192°23'	302°43'	233°38'
20.07.2044	117°57'	52°13'	59°23'	144°27'	73°36'	192°56'	302°35'	233°37'
21.07.2044	118°54'	66°39'	74°00'	145°14'	74°23'	193°30'	302°28'	233°36'
22.07.2044	119°51'	81°26'	88°56'	145°57'	75°12'	194°04'	302°20'	233°36'
23.07.2044	120°48'	96°29'	104°03'	146°37'	76°01'	194°38'	302°12'	233°35'
24.07.2044	121°46'	111°38'	119°12'	147°12'	76°51'	195°12'	302°04'	233°35'
25.07.2044	122°43'	126°43'	134°12'	147°44'	77°41'	195°46'	301°57'	233°35'
26.07.2044	123°40'	141°36'	148°54'	148°12'	78°32'	196°20'	301°49'	233°35'
27.07.2044	124°38'	156°07'	163°14'	148°35'	79°24'	196°55'	301°41'	233°34'
28.07.2044	125°35'	170°14'	177°07'	148°54'	80°16'	197°29'	301°33'	233°34'
29.07.2044	126°32'	183°53'	190°33'	149°08'	81°09'	198°04'	301°26'	233°35'
30.07.2044	127°30'	197°06'	203°34'	149°17'	82°03'	198°39'	301°18'	233°35'
31.07.2044	128°27'	209°56'	216°13'	149°22'	82°57'	199°14'	301°10'	233°35'
01.08.2044	129°25'	222°25'	228°34'	149°21'	83°52'	199°49'	301°03'	233°36'

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02.08.2044	130°22'	234°39'	240°41'	149°15'	84°47'	200°25'	300°55'	233°36'
03.08.2044	131°19'	246°42'	252°40'	149°04'	85°42'	201°00'	300°48'	233°37'
04.08.2044	132°17'	258°37'	264°33'	148°47'	86°38'	201°36'	300°40'	233°37'
05.08.2044	133°14'	270°29'	276°25'	148°26'	87°35'	202°12'	300°33'	233°38'
06.08.2044	134°12'	282°21'	288°18'	147°59'	88°32'	202°48'	300°25'	233°39'
07.08.2044	135°09'	294°16'	300°15'	147°28'	89°29'	203°24'	300°18'	233°40'
08.08.2044	136°07'	306°15'	312°18'	146°53'	90°27'	204°00'	300°11'	233°41'
09.08.2044	137°04'	318°22'	324°28'	146°13'	91°26'	204°36'	300°04'	233°42'
10.08.2044	138°02'	330°36'	336°47'	145°30'	92°24'	205°12'	299°57'	233°44'
11.08.2044	138°59'	343°00'	349°16'	144°44'	93°23'	205°49'	299°50'	233°45'
12.08.2044	139°57'	355°35'	1°58'	143°56'	94°23'	206°26'	299°43'	233°46'
13.08.2044	140°54'	8°24'	14°53'	143°07'	95°23'	207°02'	299°36'	233°48'
14.08.2044	141°52'	21°27'	28°04'	142°17'	96°23'	207°39'	299°29'	233°50'
15.08.2044	142°50'	34°46'	41°33'	141°28'	97°23'	208°16'	299°23'	233°51'
16.08.2044	143°47'	48°23'	55°19'	140°41'	98°24'	208°54'	299°16'	233°53'
17.08.2044	144°45'	62°19'	69°24'	139°56'	99°26'	209°31'	299°10'	233°55'
18.08.2044	145°43'	76°33'	83°46'	139°15'	100°27'	210°08'	299°04'	233°57'
19.08.2044	146°40'	91°02'	98°21'	138°37'	101°29'	210°46'	298°58'	233°59'
20.08.2044	147°38'	105°43'	113°06'	138°06'	102°31'	211°23'	298°52'	234°02'
21.08.2044	148°36'	120°30'	127°54'	137°39'	103°34'	212°01'	298°46'	234°04'
22.08.2044	149°34'	135°16'	142°37'	137°20'	104°37'	212°39'	298°40'	234°06'
23.08.2044	150°32'	149°54'	157°08'	137°07'	105°40'	213°17'	298°35'	234°09'
24.08.2044	151°29'	164°17'	171°21'	137°02'	106°43'	213°55'	298°29'	234°11'
25.08.2044	152°27'	178°20'	185°13'	137°05'	107°47'	214°33'	298°24'	234°14'
26.08.2044	153°25'	192°00'	198°41'	137°15'	108°50'	215°12'	298°19'	234°17'
27.08.2044	154°23'	205°16'	211°45'	137°34'	109°54'	215°50'	298°14'	234°20'
28.08.2044	155°21'	218°09'	224°27'	138°00'	110°59'	216°29'	298°09'	234°23'
29.08.2044	156°19'	230°41'	236°51'	138°34'	112°03'	217°08'	298°05'	234°26'
30.08.2044	157°17'	242°57'	249°01'	139°17'	113°08'	217°46'	298°00'	234°29'
31.08.2044	158°15'	255°01'	261°00'	140°06'	114°13'	218°25'	297°56'	234°32'
01.09.2044	159°13'	266°57'	272°53'	141°04'	115°18'	219°04'	297°52'	234°35'
02.09.2044	160°11'	278°49'	284°45'	142°08'	116°24'	219°43'	297°48'	234°39'
03.09.2044	161°09'	290°42'	296°40'	143°18'	117°30'	220°23'	297°44'	234°42'
04.09.2044	162°07'	302°39'	308°41'	144°35'	118°35'	221°02'	297°40'	234°46'
05.09.2044	163°05'	314°45'	320°51'	145°58'	119°42'	221°41'	297°37'	234°49'
06.09.2044	164°04'	327°01'	333°13'	147°26'	120°48'	222°21'	297°34'	234°53'
07.09.2044	165°02'	339°29'	345°48'	148°58'	121°54'	223°01'	297°31'	234°57'
08.09.2044	166°00'	352°11'	358°37'	150°35'	123°01'	223°40'	297°28'	235°01'
09.09.2044	166°58'	5°07'	11°40'	152°15'	124°08'	224°20'	297°25'	235°05'
10.09.2044	167°56'	18°17'	24°57'	153°58'	125°15'	225°00'	297°22'	235°09'
11.09.2044	168°55'	31°41'	38°28'	155°44'	126°22'	225°40'	297°20'	235°13'
12.09.2044	169°53'	45°18'	52°11'	157°32'	127°30'	226°20'	297°18'	235°17'
13.09.2044	170°51'	59°06'	66°05'	159°22'	128°38'	227°01'	297°16'	235°21'
14.09.2044	171°50'	73°05'	80°09'	161°13'	129°45'	227°41'	297°14'	235°25'
15.09.2044	172°48'	87°14'	94°20'	163°05'	130°53'	228°21'	297°13'	235°30'
16.09.2044	173°47'	101°29'	108°38'	164°57'	132°02'	229°02'	297°11'	235°34'
17.09.2044	174°45'	115°48'	122°59'	166°50'	133°10'	229°42'	297°10'	235°39'
18.09.2044	175°44'	130°09'	137°20'	168°43'	134°18'	230°23'	297°09'	235°43'
19.09.2044	176°42'	144°28'	151°36'	170°36'	135°27'	231°04'	297°08'	235°48'
20.09.2044	177°41'	158°41'	165°44'	172°28'	136°36'	231°45'	297°08'	235°53'
21.09.2044	178°40'	172°43'	179°39'	174°20'	137°45'	232°26'	297°07'	235°58'
22.09.2044	179°38'	186°31'	193°19'	176°12'	138°54'	233°07'	297°07'	236°03'
23.09.2044	180°37'	200°02'	206°40'	178°02'	140°03'	233°48'	297°07'	236°08'
24.09.2044	181°36'	213°13'	219°41'	179°53'	141°13'	234°30'	297°07'	236°13'
25.09.2044	182°35'	226°04'	232°23'	181°42'	142°22'	235°11'	297°07'	236°18'

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26.09.2044	183°34'	238°38'	244°48'	183°30'	143°32'	235°53'	297°08'	236°23'
27.09.2044	184°32'	250°55'	256°58'	185°18'	144°42'	236°34'	297°09'	236°28'
28.09.2044	185°31'	262°59'	268°57'	187°05'	145°52'	237°16'	297°10'	236°33'
29.09.2044	186°30'	274°54'	280°51'	188°51'	147°02'	237°58'	297°11'	236°39'
30.09.2044	187°29'	286°46'	292°42'	190°36'	148°12'	238°39'	297°12'	236°44'
01.10.2044	188°28'	298°39'	304°37'	192°20'	149°22'	239°21'	297°14'	236°50'
02.10.2044	189°27'	310°38'	316°41'	194°03'	150°33'	240°03'	297°16'	236°55'
03.10.2044	190°26'	322°47'	328°56'	195°46'	151°43'	240°46'	297°17'	237°01'
04.10.2044	191°25'	335°10'	341°27'	197°27'	152°54'	241°28'	297°20'	237°06'
05.10.2044	192°24'	347°50'	354°17'	199°08'	154°05'	242°10'	297°22'	237°12'
06.10.2044	193°23'	0°49'	7°25'	200°48'	155°16'	242°52'	297°24'	237°18'
07.10.2044	194°22'	14°07'	20°53'	202°27'	156°27'	243°35'	297°27'	237°24'
08.10.2044	195°22'	27°43'	34°37'	204°05'	157°38'	244°17'	297°30'	237°29'
09.10.2044	196°21'	41°34'	48°35'	205°42'	158°49'	245°00'	297°33'	237°35'
10.10.2044	197°20'	55°37'	62°42'	207°19'	160°00'	245°43'	297°36'	237°41'
11.10.2044	198°19'	69°48'	76°55'	208°55'	161°12'	246°25'	297°40'	237°47'
12.10.2044	199°19'	84°02'	91°09'	210°30'	162°24'	247°08'	297°43'	237°53'
13.10.2044	200°18'	98°16'	105°22'	212°05'	163°35'	247°51'	297°47'	238°00'
14.10.2044	201°17'	112°27'	119°31'	213°39'	164°47'	248°34'	297°51'	238°06'
15.10.2044	202°17'	126°34'	133°35'	215°12'	165°59'	249°17'	297°55'	238°12'
16.10.2044	203°16'	140°34'	147°32'	216°44'	167°11'	250°01'	298°00'	238°18'
17.10.2044	204°16'	154°28'	161°21'	218°16'	168°23'	250°44'	298°04'	238°24'
18.10.2044	205°16'	168°13'	175°02'	219°47'	169°35'	251°27'	298°09'	238°31'
19.10.2044	206°15'	181°49'	188°33'	221°18'	170°48'	252°11'	298°14'	238°37'
20.10.2044	207°15'	195°14'	201°52'	222°48'	172°00'	252°54'	298°19'	238°44'
21.10.2044	208°14'	208°26'	214°57'	224°17'	173°12'	253°38'	298°24'	238°50'
22.10.2044	209°14'	221°24'	227°48'	225°45'	174°25'	254°21'	298°29'	238°56'
23.10.2044	210°14'	234°07'	240°23'	227°13'	175°38'	255°05'	298°35'	239°03'
24.10.2044	211°14'	246°35'	252°44'	228°41'	176°50'	255°49'	298°41'	239°10'
25.10.2044	212°13'	258°50'	264°52'	230°07'	178°03'	256°33'	298°47'	239°16'
26.10.2044	213°13'	270°52'	276°50'	231°33'	179°16'	257°17'	298°53'	239°23'
27.10.2044	214°13'	282°46'	288°42'	232°58'	180°29'	258°01'	298°59'	239°29'
28.10.2044	215°13'	294°37'	300°32'	234°23'	181°42'	258°45'	299°05'	239°36'
29.10.2044	216°13'	306°27'	312°25'	235°46'	182°55'	259°29'	299°12'	239°43'
30.10.2044	217°13'	318°24'	324°26'	237°09'	184°08'	260°13'	299°19'	239°50'
31.10.2044	218°13'	330°32'	336°42'	238°31'	185°21'	260°58'	299°25'	239°56'
01.11.2044	219°13'	342°56'	349°16'	239°51'	186°34'	261°42'	299°32'	240°03'
02.11.2044	220°13'	355°41'	2°13'	241°11'	187°48'	262°27'	299°40'	240°10'
03.11.2044	221°13'	8°50'	15°34'	242°30'	189°01'	263°11'	299°47'	240°17'
04.11.2044	222°13'	22°24'	29°20'	243°47'	190°15'	263°56'	299°54'	240°24'
05.11.2044	223°13'	36°21'	43°28'	245°03'	191°28'	264°40'	300°02'	240°31'
06.11.2044	224°13'	50°39'	57°54'	246°17'	192°42'	265°25'	300°10'	240°38'
07.11.2044	225°13'	65°11'	72°30'	247°30'	193°56'	266°10'	300°18'	240°45'
08.11.2044	226°13'	79°50'	87°10'	248°41'	195°09'	266°55'	300°26'	240°52'
09.11.2044	227°14'	94°29'	101°46'	249°49'	196°23'	267°40'	300°34'	240°59'
10.11.2044	228°14'	109°01'	116°13'	250°56'	197°37'	268°25'	300°42'	241°06'
11.11.2044	229°14'	123°21'	130°26'	252°00'	198°51'	269°10'	300°51'	241°13'
12.11.2044	230°15'	137°27'	144°25'	253°00'	200°05'	269°55'	300°59'	241°20'
13.11.2044	231°15'	151°19'	158°10'	253°58'	201°19'	270°40'	301°08'	241°27'
14.11.2044	232°15'	164°57'	171°41'	254°51'	202°33'	271°25'	301°17'	241°34'
15.11.2044	233°16'	178°22'	184°59'	255°41'	203°47'	272°10'	301°26'	241°41'
16.11.2044	234°16'	191°34'	198°07'	256°25'	205°01'	272°56'	301°35'	241°48'
17.11.2044	235°17'	204°36'	211°03'	257°05'	206°15'	273°41'	301°45'	241°55'
18.11.2044	236°17'	217°27'	223°48'	257°38'	207°30'	274°27'	301°54'	242°02'
19.11.2044	237°18'	230°07'	236°23'	258°04'	208°44'	275°12'	302°03'	242°09'

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20.11.2044	238°18'	242°36'	248°47'	258°23'	209°58'	275°58'	302°13'	242°16'
21.11.2044	239°19'	254°54'	260°59'	258°34'	211°13'	276°43'	302°23'	242°24'
22.11.2044	240°20'	267°02'	273°02'	258°36'	212°27'	277°29'	302°33'	242°31'
23.11.2044	241°20'	279°00'	284°57'	258°28'	213°41'	278°15'	302°43'	242°38'
24.11.2044	242°21'	290°52'	296°46'	258°10'	214°56'	279°01'	302°53'	242°45'
25.11.2044	243°22'	302°40'	308°34'	257°41'	216°10'	279°46'	303°03'	242°52'
26.11.2044	244°22'	314°28'	320°24'	257°02'	217°25'	280°32'	303°14'	242°59'
27.11.2044	245°23'	326°22'	332°22'	256°12'	218°40'	281°18'	303°24'	243°06'
28.11.2044	246°24'	338°26'	344°34'	255°12'	219°54'	282°04'	303°35'	243°13'
29.11.2044	247°24'	350°47'	357°05'	254°03'	221°09'	282°50'	303°45'	243°21'
30.11.2044	248°25'	3°29'	9°59'	252°47'	222°23'	283°36'	303°56'	243°28'
01.12.2044	249°26'	16°37'	23°22'	251°27'	223°38'	284°23'	304°07'	243°35'
02.12.2044	250°27'	30°14'	37°13'	250°04'	224°53'	285°09'	304°18'	243°42'
03.12.2044	251°28'	44°20'	51°33'	248°42'	226°08'	285°55'	304°29'	243°49'
04.12.2044	252°28'	58°52'	66°16'	247°23'	227°22'	286°41'	304°40'	243°56'
05.12.2044	253°29'	73°44'	81°15'	246°11'	228°37'	287°28'	304°52'	244°03'
06.12.2044	254°30'	88°48'	96°20'	245°06'	229°52'	288°14'	305°03'	244°10'
07.12.2044	255°31'	103°52'	111°22'	244°11'	231°07'	289°00'	305°14'	244°17'
08.12.2044	256°32'	118°48'	126°10'	243°27'	232°22'	289°47'	305°26'	244°24'
09.12.2044	257°33'	133°28'	140°40'	242°54'	233°37'	290°33'	305°38'	244°31'
10.12.2044	258°34'	147°47'	154°49'	242°33'	234°52'	291°20'	305°49'	244°38'
11.12.2044	259°35'	161°44'	168°35'	242°22'	236°07'	292°06'	306°01'	244°45'
12.12.2044	260°36'	175°20'	182°01'	242°23'	237°22'	292°53'	306°13'	244°52'
13.12.2044	261°37'	188°37'	195°09'	242°33'	238°37'	293°40'	306°25'	244°59'
14.12.2044	262°38'	201°36'	208°01'	242°52'	239°52'	294°26'	306°37'	245°06'
15.12.2044	263°39'	214°22'	220°40'	243°19'	241°07'	295°13'	306°49'	245°13'
16.12.2044	264°40'	226°55'	233°08'	243°54'	242°22'	296°00'	307°02'	245°20'
17.12.2044	265°41'	239°18'	245°26'	244°35'	243°37'	296°47'	307°14'	245°27'
18.12.2044	266°42'	251°32'	257°36'	245°22'	244°52'	297°33'	307°26'	245°34'
19.12.2044	267°43'	263°39'	269°39'	246°14'	246°07'	298°20'	307°39'	245°41'
20.12.2044	268°44'	275°38'	281°35'	247°11'	247°22'	299°07'	307°51'	245°47'
21.12.2044	269°45'	287°31'	293°26'	248°12'	248°37'	299°54'	308°04'	245°54'
22.12.2044	270°47'	299°20'	305°14'	249°16'	249°52'	300°41'	308°17'	246°01'
23.12.2044	271°48'	311°08'	317°01'	250°24'	251°07'	301°28'	308°30'	246°08'
24.12.2044	272°49'	322°56'	328°52'	251°34'	252°23'	302°15'	308°42'	246°14'
25.12.2044	273°50'	334°49'	340°49'	252°46'	253°38'	303°02'	308°55'	246°21'
26.12.2044	274°51'	346°52'	352°58'	254°01'	254°53'	303°49'	309°08'	246°27'
27.12.2044	275°52'	359°09'	5°25'	255°17'	256°08'	304°36'	309°21'	246°34'
28.12.2044	276°53'	11°46'	18°13'	256°35'	257°23'	305°23'	309°34'	246°40'
29.12.2044	277°54'	24°47'	31°28'	257°55'	258°38'	306°10'	309°47'	246°47'
30.12.2044	278°56'	38°17'	45°13'	259°15'	259°54'	306°57'	310°01'	246°53'
31.12.2044	279°57'	52°16'	59°28'	260°37'	261°09'	307°45'	310°14'	247°00'
01.01.2045	280°58'	66°46'	74°10'	262°00'	262°24'	308°32'	310°27'	247°06'
02.01.2045	281°59'	81°40'	89°14'	263°24'	263°39'	309°19'	310°41'	247°12'
03.01.2045	283°00'	96°51'	104°30'	264°49'	264°55'	310°06'	310°54'	247°19'
04.01.2045	284°01'	112°09'	119°47'	266°14'	266°10'	310°53'	311°07'	247°25'
05.01.2045	285°02'	127°23'	134°55'	267°41'	267°25'	311°41'	311°21'	247°31'
06.01.2045	286°04'	142°22'	149°45'	269°08'	268°40'	312°28'	311°35'	247°37'
07.01.2045	287°05'	157°01'	164°10'	270°35'	269°55'	313°15'	311°48'	247°43'
08.01.2045	288°06'	171°14'	178°10'	272°03'	271°11'	314°03'	312°02'	247°49'
09.01.2045	289°07'	185°00'	191°43'	273°32'	272°26'	314°50'	312°15'	247°55'
10.01.2045	290°08'	198°21'	204°53'	275°02'	273°41'	315°37'	312°29'	248°01'
11.01.2045	291°09'	211°20'	217°42'	276°31'	274°57'	316°25'	312°43'	248°07'
12.01.2045	292°10'	223°59'	230°13'	278°02'	276°12'	317°12'	312°57'	248°13'
13.01.2045	293°12'	236°24'	242°31'	279°33'	277°27'	317°59'	313°11'	248°19'

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14.01.2045	294°13'	248°36'	254°39'	281°04'	278°42'	318°47'	313°25'	248°24'
15.01.2045	295°14'	260°39'	266°38'	282°36'	279°58'	319°34'	313°38'	248°30'
16.01.2045	296°15'	272°36'	278°32'	284°08'	281°13'	320°21'	313°52'	248°36'
17.01.2045	297°16'	284°28'	290°23'	285°41'	282°28'	321°09'	314°06'	248°41'
18.01.2045	298°17'	296°18'	302°12'	287°15'	283°44'	321°56'	314°20'	248°47'
19.01.2045	299°18'	308°06'	314°01'	288°49'	284°59'	322°44'	314°34'	248°52'
20.01.2045	300°19'	319°56'	325°52'	290°23'	286°14'	323°31'	314°49'	248°57'
21.01.2045	301°20'	331°49'	337°47'	291°58'	287°29'	324°18'	315°03'	249°03'
22.01.2045	302°22'	343°48'	349°50'	293°34'	288°45'	325°06'	315°17'	249°08'
23.01.2045	303°23'	355°55'	2°03'	295°10'	290°00'	325°53'	315°31'	249°13'
24.01.2045	304°24'	8°15'	14°31'	296°46'	291°15'	326°41'	315°45'	249°18'
25.01.2045	305°25'	20°52'	27°18'	298°24'	292°30'	327°28'	315°59'	249°23'
26.01.2045	306°26'	33°49'	40°26'	300°02'	293°46'	328°15'	316°13'	249°28'
27.01.2045	307°27'	47°10'	54°00'	301°40'	295°01'	329°03'	316°28'	249°33'
28.01.2045	308°28'	60°57'	68°01'	303°19'	296°16'	329°50'	316°42'	249°37'
29.01.2045	309°29'	75°12'	82°28'	304°59'	297°31'	330°38'	316°56'	249°42'
30.01.2045	310°30'	89°51'	97°18'	306°40'	298°47'	331°25'	317°10'	249°47'
31.01.2045	311°30'	104°50'	112°25'	308°21'	300°02'	332°12'	317°25'	249°51'
01.02.2045	312°31'	120°01'	127°39'	310°03'	301°17'	333°00'	317°39'	249°56'
02.02.2045	313°32'	135°15'	142°50'	311°45'	302°32'	333°47'	317°53'	250°00'
03.02.2045	314°33'	150°21'	157°49'	313°29'	303°48'	334°34'	318°08'	250°05'
04.02.2045	315°34'	165°11'	172°28'	315°13'	305°03'	335°22'	318°22'	250°09'
05.02.2045	316°35'	179°38'	186°42'	316°58'	306°18'	336°09'	318°36'	250°13'
06.02.2045	317°36'	193°38'	200°28'	318°43'	307°33'	336°56'	318°51'	250°17'
07.02.2045	318°36'	207°11'	213°47'	320°29'	308°48'	337°44'	319°05'	250°21'
08.02.2045	319°37'	220°17'	226°42'	322°16'	310°04'	338°31'	319°19'	250°25'
09.02.2045	320°38'	233°01'	239°15'	324°03'	311°19'	339°18'	319°33'	250°29'
10.02.2045	321°39'	245°25'	251°31'	325°51'	312°34'	340°05'	319°48'	250°33'
11.02.2045	322°39'	257°34'	263°35'	327°40'	313°49'	340°53'	320°02'	250°36'
12.02.2045	323°40'	269°33'	275°29'	329°29'	315°04'	341°40'	320°16'	250°40'
13.02.2045	324°41'	281°25'	287°19'	331°19'	316°20'	342°27'	320°31'	250°44'
14.02.2045	325°41'	293°13'	299°07'	333°09'	317°35'	343°14'	320°45'	250°47'
15.02.2045	326°42'	305°01'	310°56'	334°59'	318°50'	344°02'	320°59'	250°50'
16.02.2045	327°43'	316°52'	322°49'	336°49'	320°05'	344°49'	321°14'	250°54'
17.02.2045	328°43'	328°47'	334°47'	338°39'	321°20'	345°36'	321°28'	250°57'
18.02.2045	329°44'	340°49'	346°53'	340°29'	322°35'	346°23'	321°42'	251°00'
19.02.2045	330°44'	353°00'	359°08'	342°18'	323°50'	347°10'	321°57'	251°03'
20.02.2045	331°45'	5°20'	11°35'	344°06'	325°06'	347°57'	322°11'	251°06'
21.02.2045	332°45'	17°53'	24°14'	345°53'	326°21'	348°44'	322°25'	251°08'
22.02.2045	333°46'	30°39'	37°09'	347°39'	327°36'	349°31'	322°39'	251°11'
23.02.2045	334°46'	43°42'	50°20'	349°22'	328°51'	350°18'	322°53'	251°14'
24.02.2045	335°47'	57°03'	63°50'	351°03'	330°06'	351°05'	323°08'	251°16'
25.02.2045	336°47'	70°43'	77°41'	352°41'	331°21'	351°52'	323°22'	251°19'
26.02.2045	337°47'	84°43'	91°51'	354°15'	332°36'	352°39'	323°36'	251°21'
27.02.2045	338°48'	99°03'	106°19'	355°46'	333°51'	353°26'	323°50'	251°23'
28.02.2045	339°48'	113°39'	121°03'	357°11'	335°06'	354°13'	324°04'	251°25'
01.03.2045	340°48'	128°28'	135°55'	358°32'	336°21'	355°00'	324°18'	251°27'
02.03.2045	341°48'	143°23'	150°51'	359°46'	337°36'	355°47'	324°32'	251°29'
03.03.2045	342°49'	158°17'	165°40'	0°54'	338°51'	356°33'	324°46'	251°31'
04.03.2045	343°49'	173°01'	180°17'	1°55'	340°06'	357°20'	325°00'	251°33'
05.03.2045	344°49'	187°28'	194°34'	2°48'	341°21'	358°07'	325°14'	251°35'
06.03.2045	345°49'	201°34'	208°27'	3°33'	342°36'	358°53'	325°28'	251°36'
07.03.2045	346°49'	215°14'	221°55'	4°10'	343°51'	359°40'	325°42'	251°37'
08.03.2045	347°49'	228°29'	234°57'	4°37'	345°06'	0°27'	325°56'	251°39'
09.03.2045	348°49'	241°19'	247°36'	4°56'	346°20'	1°13'	326°09'	251°40'

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10.03.2045	349°49'	253°48'	259°56'	5°06'	347°35'	2°00'	326°23'	251°41'
11.03.2045	350°49'	266°00'	272°00'	5°07'	348°50'	2°46'	326°37'	251°42'
12.03.2045	351°49'	277°58'	283°54'	5°00'	350°05'	3°33'	326°51'	251°43'
13.03.2045	352°49'	289°49'	295°43'	4°43'	351°20'	4°19'	327°04'	251°44'
14.03.2045	353°49'	301°37'	307°31'	4°19'	352°35'	5°06'	327°18'	251°45'
15.03.2045	354°49'	313°26'	319°22'	3°48'	353°49'	5°52'	327°31'	251°45'
16.03.2045	355°48'	325°20'	331°20'	3°09'	355°04'	6°38'	327°45'	251°46'
17.03.2045	356°48'	337°23'	343°28'	2°26'	356°19'	7°25'	327°58'	251°46'
18.03.2045	357°48'	349°36'	355°47'	1°37'	357°34'	8°11'	328°12'	251°47'
19.03.2045	358°48'	2°02'	8°20'	0°46'	358°49'	8°57'	328°25'	251°47'
20.03.2045	359°47'	14°41'	21°06'	359°52'	0°03'	9°43'	328°38'	251°47'
21.03.2045	0°47'	27°34'	34°06'	358°57'	1°18'	10°30'	328°52'	251°47'
22.03.2045	1°46'	40°41'	47°19'	358°02'	2°33'	11°16'	329°05'	251°47'
23.03.2045	2°46'	54°00'	60°45'	357°08'	3°47'	12°02'	329°18'	251°47'
24.03.2045	3°46'	67°33'	74°24'	356°17'	5°02'	12°48'	329°31'	251°47'
25.03.2045	4°45'	81°18'	88°14'	355°28'	6°17'	13°34'	329°44'	251°46'
26.03.2045	5°45'	95°14'	102°16'	354°44'	7°31'	14°20'	329°57'	251°46'
27.03.2045	6°44'	109°21'	116°28'	354°04'	8°46'	15°06'	330°10'	251°45'
28.03.2045	7°43'	123°37'	130°49'	353°29'	10°00'	15°52'	330°23'	251°44'
29.03.2045	8°43'	138°01'	145°15'	353°00'	11°15'	16°37'	330°36'	251°44'
30.03.2045	9°42'	152°30'	159°44'	352°36'	12°30'	17°23'	330°48'	251°43'
31.03.2045	10°41'	166°58'	174°10'	352°19'	13°44'	18°09'	331°01'	251°42'
01.04.2045	11°40'	181°21'	188°28'	352°06'	14°59'	18°54'	331°14'	251°41'
02.04.2045	12°40'	195°33'	202°33'	352°00'	16°13'	19°40'	331°26'	251°40'
03.04.2045	13°39'	209°29'	216°20'	351°59'	17°28'	20°26'	331°39'	251°38'
04.04.2045	14°38'	223°06'	229°46'	352°04'	18°42'	21°11'	331°51'	251°37'
05.04.2045	15°37'	236°20'	242°49'	352°14'	19°56'	21°57'	332°03'	251°36'
06.04.2045	16°36'	249°13'	255°31'	352°29'	21°11'	22°42'	332°16'	251°34'
07.04.2045	17°35'	261°44'	267°53'	352°49'	22°25'	23°28'	332°28'	251°32'
08.04.2045	18°34'	273°58'	279°59'	353°14'	23°40'	24°13'	332°40'	251°31'
09.04.2045	19°33'	285°58'	291°55'	353°44'	24°54'	24°58'	332°52'	251°29'
10.04.2045	20°32'	297°50'	303°44'	354°17'	26°08'	25°44'	333°04'	251°27'
11.04.2045	21°31'	309°39'	315°33'	354°55'	27°23'	26°29'	333°16'	251°25'
12.04.2045	22°30'	321°29'	327°26'	355°36'	28°37'	27°14'	333°27'	251°23'
13.04.2045	23°29'	333°26'	339°29'	356°21'	29°51'	27°59'	333°39'	251°21'
14.04.2045	24°28'	345°35'	351°45'	357°10'	31°05'	28°44'	333°51'	251°18'
15.04.2045	25°26'	357°58'	4°16'	358°02'	32°20'	29°29'	334°02'	251°16'
16.04.2045	26°25'	10°38'	17°05'	358°57'	33°34'	30°14'	334°13'	251°14'
17.04.2045	27°24'	23°37'	30°13'	359°55'	34°48'	30°59'	334°25'	251°11'
18.04.2045	28°22'	36°53'	43°37'	0°56'	36°02'	31°44'	334°36'	251°09'
19.04.2045	29°21'	50°24'	57°15'	1°59'	37°16'	32°29'	334°47'	251°06'
20.04.2045	30°20'	64°09'	71°06'	3°05'	38°30'	33°14'	334°58'	251°03'
21.04.2045	31°18'	78°04'	85°04'	4°14'	39°45'	33°58'	335°09'	251°00'
22.04.2045	32°17'	92°05'	99°07'	5°25'	40°59'	34°43'	335°20'	250°57'
23.04.2045	33°15'	106°10'	113°13'	6°39'	42°13'	35°28'	335°31'	250°54'
24.04.2045	34°14'	120°17'	127°21'	7°54'	43°27'	36°12'	335°41'	250°51'
25.04.2045	35°12'	134°25'	141°28'	9°12'	44°41'	36°57'	335°52'	250°48'
26.04.2045	36°11'	148°32'	155°35'	10°32'	45°55'	37°41'	336°02'	250°45'
27.04.2045	37°09'	162°37'	169°39'	11°54'	47°09'	38°26'	336°13'	250°42'
28.04.2045	38°08'	176°39'	183°38'	13°19'	48°23'	39°10'	336°23'	250°38'
29.04.2045	39°06'	190°36'	197°31'	14°45'	49°37'	39°54'	336°33'	250°35'
30.04.2045	40°04'	204°23'	211°13'	16°13'	50°51'	40°39'	336°43'	250°32'
01.05.2045	41°02'	217°59'	224°42'	17°43'	52°05'	41°23'	336°53'	250°28'
02.05.2045	42°01'	231°20'	237°54'	19°15'	53°18'	42°07'	337°02'	250°24'
03.05.2045	42°59'	244°24'	250°49'	20°49'	54°32'	42°51'	337°12'	250°21'

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04.05.2045	43°57'	257°09'	263°26'	22°25'	55°46'	43°35'	337°22'	250°17'
05.05.2045	44°55'	269°37'	275°45'	24°02'	57°00'	44°19'	337°31'	250°13'
06.05.2045	45°53'	281°50'	287°51'	25°42'	58°14'	45°03'	337°40'	250°09'
07.05.2045	46°51'	293°50'	299°46'	27°24'	59°27'	45°47'	337°49'	250°06'
08.05.2045	47°49'	305°41'	311°36'	29°07'	60°41'	46°31'	337°58'	250°02'
09.05.2045	48°47'	317°30'	323°25'	30°52'	61°55'	47°15'	338°07'	249°58'
10.05.2045	49°45'	329°21'	335°19'	32°40'	63°09'	47°58'	338°16'	249°54'
11.05.2045	50°43'	341°20'	347°24'	34°29'	64°22'	48°42'	338°25'	249°50'
12.05.2045	51°41'	353°31'	359°43'	36°20'	65°36'	49°26'	338°33'	249°46'
13.05.2045	52°39'	6°00'	12°22'	38°13'	66°50'	50°09'	338°42'	249°41'
14.05.2045	53°37'	18°50'	25°24'	40°08'	68°03'	50°53'	338°50'	249°37'
15.05.2045	54°35'	32°03'	38°47'	42°05'	69°17'	51°36'	338°58'	249°33'
16.05.2045	55°33'	45°37'	52°33'	44°03'	70°31'	52°20'	339°06'	249°29'
17.05.2045	56°31'	59°32'	66°36'	46°04'	71°44'	53°03'	339°14'	249°25'
18.05.2045	57°29'	73°43'	80°52'	48°06'	72°58'	53°47'	339°22'	249°20'
19.05.2045	58°27'	88°04'	95°16'	50°10'	74°11'	54°30'	339°29'	249°16'
20.05.2045	59°24'	102°29'	109°41'	52°16'	75°25'	55°13'	339°37'	249°12'
21.05.2045	60°22'	116°53'	124°03'	54°22'	76°38'	55°56'	339°44'	249°07'
22.05.2045	61°20'	131°12'	138°18'	56°31'	77°52'	56°39'	339°51'	249°03'
23.05.2045	62°18'	145°23'	152°25'	58°40'	79°05'	57°22'	339°58'	248°58'
24.05.2045	63°15'	159°25'	166°23'	60°51'	80°19'	58°05'	340°05'	248°54'
25.05.2045	64°13'	173°19'	180°12'	63°02'	81°32'	58°48'	340°11'	248°50'
26.05.2045	65°11'	187°02'	193°50'	65°13'	82°45'	59°31'	340°18'	248°45'
27.05.2045	66°08'	200°36'	207°19'	67°25'	83°59'	60°14'	340°24'	248°41'
28.05.2045	67°06'	214°00'	220°37'	69°37'	85°12'	60°57'	340°31'	248°36'
29.05.2045	68°03'	227°12'	233°43'	71°49'	86°25'	61°40'	340°37'	248°32'
30.05.2045	69°01'	240°12'	246°36'	73°59'	87°39'	62°22'	340°42'	248°27'
31.05.2045	69°58'	252°58'	259°16'	76°10'	88°52'	63°05'	340°48'	248°23'
01.06.2045	70°56'	265°30'	271°41'	78°19'	90°05'	63°48'	340°54'	248°18'
02.06.2045	71°53'	277°49'	283°53'	80°26'	91°19'	64°30'	340°59'	248°14'
03.06.2045	72°51'	289°55'	295°55'	82°32'	92°32'	65°13'	341°04'	248°10'
04.06.2045	73°48'	301°52'	307°47'	84°37'	93°45'	65°55'	341°09'	248°05'
05.06.2045	74°46'	313°42'	319°36'	86°39'	94°58'	66°38'	341°14'	248°01'
06.06.2045	75°43'	325°29'	331°24'	88°39'	96°11'	67°20'	341°19'	247°56'
07.06.2045	76°41'	337°20'	343°18'	90°37'	97°24'	68°02'	341°24'	247°52'
08.06.2045	77°38'	349°18'	355°22'	92°33'	98°37'	68°44'	341°28'	247°47'
09.06.2045	78°35'	1°30'	7°42'	94°27'	99°50'	69°27'	341°32'	247°43'
10.06.2045	79°33'	14°00'	20°23'	96°18'	101°04'	70°09'	341°36'	247°39'
11.06.2045	80°30'	26°53'	33°28'	98°07'	102°17'	70°51'	341°40'	247°35'
12.06.2045	81°28'	40°11'	47°00'	99°53'	103°30'	71°33'	341°44'	247°30'
13.06.2045	82°25'	53°55'	60°57'	101°37'	104°43'	72°15'	341°47'	247°26'
14.06.2045	83°22'	68°05'	75°17'	103°18'	105°56'	72°57'	341°51'	247°22'
15.06.2045	84°20'	82°34'	89°54'	104°57'	107°08'	73°39'	341°54'	247°18'
16.06.2045	85°17'	97°17'	104°41'	106°33'	108°21'	74°21'	341°57'	247°13'
17.06.2045	86°14'	112°06'	119°30'	108°06'	109°34'	75°02'	342°00'	247°09'
18.06.2045	87°12'	126°53'	134°13'	109°37'	110°47'	75°44'	342°02'	247°05'
19.06.2045	88°09'	141°31'	148°45'	111°06'	112°00'	76°26'	342°04'	247°01'
20.06.2045	89°06'	155°56'	163°03'	112°31'	113°13'	77°07'	342°07'	246°57'
21.06.2045	90°03'	170°05'	177°03'	113°54'	114°26'	77°49'	342°09'	246°53'
22.06.2045	91°01'	183°57'	190°47'	115°14'	115°38'	78°31'	342°11'	246°50'
23.06.2045	91°58'	197°33'	204°15'	116°32'	116°51'	79°12'	342°12'	246°46'
24.06.2045	92°55'	210°54'	217°28'	117°46'	118°04'	79°53'	342°14'	246°42'
25.06.2045	93°52'	224°00'	230°28'	118°58'	119°17'	80°35'	342°15'	246°38'
26.06.2045	94°50'	236°52'	243°14'	120°07'	120°29'	81°16'	342°16'	246°35'
27.06.2045	95°47'	249°32'	255°48'	121°13'	121°42'	81°57'	342°17'	246°31'

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28.06.2045	96°44'	262°00'	268°10'	122°16'	122°54'	82°39'	342°17'	246°27'
29.06.2045	97°41'	274°17'	280°22'	123°15'	124°07'	83°20'	342°18'	246°24'
30.06.2045	98°38'	286°24'	292°25'	124°12'	125°20'	84°01'	342°18'	246°20'
01.07.2045	99°36'	298°23'	304°19'	125°05'	126°32'	84°42'	342°18'	246°17'
02.07.2045	100°33'	310°15'	316°09'	125°54'	127°44'	85°23'	342°18'	246°14'
03.07.2045	101°30'	322°02'	327°56'	126°40'	128°57'	86°04'	342°18'	246°11'
04.07.2045	102°27'	333°50'	339°44'	127°23'	130°09'	86°45'	342°17'	246°07'
05.07.2045	103°24'	345°40'	351°38'	128°01'	131°22'	87°26'	342°17'	246°04'
06.07.2045	104°22'	357°38'	3°42'	128°36'	132°34'	88°07'	342°16'	246°01'
07.07.2045	105°19'	9°49'	16°01'	129°06'	133°46'	88°47'	342°15'	245°58'
08.07.2045	106°16'	22°18'	28°40'	129°32'	134°59'	89°28'	342°14'	245°56'
09.07.2045	107°13'	35°09'	41°44'	129°54'	136°11'	90°09'	342°12'	245°53'
10.07.2045	108°10'	48°25'	55°14'	130°12'	137°23'	90°50'	342°11'	245°50'
11.07.2045	109°08'	62°09'	69°12'	130°25'	138°35'	91°30'	342°09'	245°47'
12.07.2045	110°05'	76°21'	83°36'	130°33'	139°47'	92°11'	342°07'	245°45'
13.07.2045	111°02'	90°56'	98°22'	130°36'	141°00'	92°51'	342°04'	245°42'
14.07.2045	111°59'	105°50'	113°22'	130°35'	142°12'	93°32'	342°02'	245°40'
15.07.2045	112°57'	120°54'	128°28'	130°29'	143°24'	94°12'	341°59'	245°38'
16.07.2045	113°54'	136°00'	143°30'	130°18'	144°36'	94°53'	341°57'	245°35'
17.07.2045	114°51'	150°57'	158°21'	130°03'	145°48'	95°33'	341°54'	245°33'
18.07.2045	115°48'	165°40'	172°54'	129°43'	147°00'	96°13'	341°51'	245°31'
19.07.2045	116°46'	180°03'	187°06'	129°18'	148°12'	96°53'	341°47'	245°29'
20.07.2045	117°43'	194°03'	200°55'	128°50'	149°23'	97°34'	341°44'	245°27'
21.07.2045	118°40'	207°42'	214°22'	128°18'	150°35'	98°14'	341°40'	245°25'
22.07.2045	119°37'	220°58'	227°29'	127°42'	151°47'	98°54'	341°36'	245°24'
23.07.2045	120°35'	233°55'	240°17'	127°04'	152°59'	99°34'	341°32'	245°22'
24.07.2045	121°32'	246°36'	252°50'	126°24'	154°10'	100°14'	341°28'	245°21'
25.07.2045	122°29'	259°01'	265°10'	125°42'	155°22'	100°54'	341°23'	245°19'
26.07.2045	123°27'	271°15'	277°18'	124°59'	156°34'	101°34'	341°19'	245°18'
27.07.2045	124°24'	283°20'	289°19'	124°16'	157°45'	102°14'	341°14'	245°17'
28.07.2045	125°21'	295°16'	301°13'	123°34'	158°57'	102°53'	341°09'	245°15'
29.07.2045	126°19'	307°08'	313°02'	122°53'	160°08'	103°33'	341°04'	245°14'
30.07.2045	127°16'	318°56'	324°50'	122°14'	161°20'	104°13'	340°59'	245°13'
31.07.2045	128°13'	330°44'	336°38'	121°39'	162°31'	104°53'	340°54'	245°13'
01.08.2045	129°11'	342°33'	348°29'	121°07'	163°42'	105°32'	340°48'	245°12'
02.08.2045	130°08'	354°27'	0°26'	120°39'	164°53'	106°12'	340°43'	245°11'
03.08.2045	131°05'	6°28'	12°33'	120°16'	166°05'	106°51'	340°37'	245°10'
04.08.2045	132°03'	18°42'	24°54'	119°58'	167°16'	107°31'	340°31'	245°10'
05.08.2045	133°00'	31°11'	37°32'	119°47'	168°27'	108°10'	340°25'	245°10'
06.08.2045	133°58'	43°59'	50°32'	119°41'	169°38'	108°50'	340°19'	245°09'
07.08.2045	134°55'	57°11'	63°56'	119°42'	170°49'	109°29'	340°12'	245°09'
08.08.2045	135°53'	70°47'	77°46'	119°49'	172°00'	110°08'	340°06'	245°09'
09.08.2045	136°50'	84°51'	92°02'	120°03'	173°11'	110°48'	339°59'	245°09'
10.08.2045	137°48'	99°20'	106°42'	120°24'	174°22'	111°27'	339°52'	245°09'
11.08.2045	138°45'	114°10'	121°41'	120°51'	175°32'	112°06'	339°46'	245°09'
12.08.2045	139°43'	129°15'	136°50'	121°26'	176°43'	112°45'	339°39'	245°09'
13.08.2045	140°41'	144°26'	152°01'	122°07'	177°54'	113°24'	339°32'	245°10'
14.08.2045	141°38'	159°34'	167°05'	122°56'	179°04'	114°03'	339°25'	245°10'
15.08.2045	142°36'	174°31'	181°52'	123°50'	180°15'	114°42'	339°17'	245°11'
16.08.2045	143°33'	189°07'	196°17'	124°51'	181°25'	115°21'	339°10'	245°12'
17.08.2045	144°31'	203°20'	210°17'	125°59'	182°36'	116°00'	339°03'	245°12'
18.08.2045	145°29'	217°06'	223°50'	127°12'	183°46'	116°39'	338°55'	245°13'
19.08.2045	146°27'	230°27'	236°58'	128°31'	184°56'	117°18'	338°48'	245°14'
20.08.2045	147°24'	243°23'	249°43'	129°55'	186°07'	117°57'	338°40'	245°15'
21.08.2045	148°22'	255°59'	262°10'	131°24'	187°17'	118°36'	338°33'	245°16'

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22.08.2045	149°20'	268°17'	274°21'	132°59'	188°27'	119°14'	338°25'	245°18'
23.08.2045	150°18'	280°23'	286°22'	134°37'	189°37'	119°53'	338°17'	245°19'
24.08.2045	151°15'	292°19'	298°15'	136°19'	190°47'	120°32'	338°09'	245°20'
25.08.2045	152°13'	304°10'	310°04'	138°04'	191°56'	121°10'	338°02'	245°22'
26.08.2045	153°11'	315°57'	321°51'	139°53'	193°06'	121°49'	337°54'	245°24'
27.08.2045	154°09'	327°45'	333°40'	141°44'	194°16'	122°27'	337°46'	245°25'
28.08.2045	155°07'	339°36'	345°33'	143°37'	195°25'	123°06'	337°38'	245°27'
29.08.2045	156°05'	351°31'	357°31'	145°31'	196°35'	123°44'	337°30'	245°29'
30.08.2045	157°03'	3°33'	9°37'	147°27'	197°44'	124°23'	337°22'	245°31'
31.08.2045	158°01'	15°43'	21°52'	149°24'	198°54'	125°01'	337°14'	245°33'
01.09.2045	158°59'	28°05'	34°21'	151°22'	200°03'	125°39'	337°06'	245°35'
02.09.2045	159°57'	40°40'	47°03'	153°19'	201°12'	126°17'	336°58'	245°38'
03.09.2045	160°55'	53°31'	60°03'	155°17'	202°21'	126°56'	336°51'	245°40'
04.09.2045	161°53'	66°40'	73°23'	157°14'	203°30'	127°34'	336°43'	245°42'
05.09.2045	162°51'	80°11'	87°04'	159°11'	204°39'	128°12'	336°35'	245°45'
06.09.2045	163°49'	94°03'	101°07'	161°08'	205°48'	128°50'	336°27'	245°48'
07.09.2045	164°48'	108°17'	115°32'	163°04'	206°57'	129°28'	336°19'	245°50'
08.09.2045	165°46'	122°52'	130°16'	164°59'	208°05'	130°06'	336°12'	245°53'
09.09.2045	166°44'	137°43'	145°13'	166°53'	209°14'	130°44'	336°04'	245°56'
10.09.2045	167°42'	152°45'	160°17'	168°46'	210°22'	131°22'	335°56'	245°59'
11.09.2045	168°41'	167°49'	175°19'	170°38'	211°30'	132°00'	335°49'	246°02'
12.09.2045	169°39'	182°47'	190°10'	172°29'	212°39'	132°37'	335°41'	246°05'
13.09.2045	170°38'	197°29'	204°42'	174°19'	213°47'	133°15'	335°34'	246°09'
14.09.2045	171°36'	211°49'	218°50'	176°08'	214°55'	133°53'	335°26'	246°12'
15.09.2045	172°34'	225°44'	232°30'	177°56'	216°02'	134°31'	335°19'	246°15'
16.09.2045	173°33'	239°10'	245°43'	179°43'	217°10'	135°08'	335°12'	246°19'
17.09.2045	174°31'	252°10'	258°31'	181°29'	218°18'	135°46'	335°05'	246°23'
18.09.2045	175°30'	264°47'	270°58'	183°13'	219°25'	136°23'	334°58'	246°26'
19.09.2045	176°29'	277°04'	283°07'	184°57'	220°33'	137°01'	334°51'	246°30'
20.09.2045	177°27'	289°07'	295°04'	186°39'	221°40'	137°38'	334°45'	246°34'
21.09.2045	178°26'	301°00'	306°54'	188°21'	222°47'	138°16'	334°38'	246°38'
22.09.2045	179°24'	312°48'	318°41'	190°02'	223°54'	138°53'	334°31'	246°42'
23.09.2045	180°23'	324°35'	330°29'	191°41'	225°01'	139°30'	334°25'	246°46'
24.09.2045	181°22'	336°25'	342°22'	193°20'	226°07'	140°07'	334°19'	246°50'
25.09.2045	182°21'	348°21'	354°22'	194°57'	227°14'	140°45'	334°13'	246°54'
26.09.2045	183°19'	0°26'	6°32'	196°34'	228°20'	141°22'	334°07'	246°58'
27.09.2045	184°18'	12°40'	18°52'	198°10'	229°26'	141°59'	334°01'	247°03'
28.09.2045	185°17'	25°06'	31°23'	199°44'	230°32'	142°36'	333°55'	247°07'
29.09.2045	186°16'	37°43'	44°06'	201°18'	231°38'	143°13'	333°50'	247°12'
30.09.2045	187°15'	50°33'	57°02'	202°51'	232°44'	143°50'	333°44'	247°16'
01.10.2045	188°14'	63°35'	70°11'	204°24'	233°49'	144°27'	333°39'	247°21'
02.10.2045	189°13'	76°51'	83°34'	205°55'	234°54'	145°04'	333°34'	247°26'
03.10.2045	190°12'	90°21'	97°12'	207°25'	235°59'	145°41'	333°29'	247°31'
04.10.2045	191°11'	104°07'	111°05'	208°55'	237°04'	146°17'	333°24'	247°35'
05.10.2045	192°10'	118°08'	125°14'	210°24'	238°09'	146°54'	333°20'	247°40'
06.10.2045	193°09'	132°24'	139°38'	211°51'	239°13'	147°31'	333°15'	247°45'
07.10.2045	194°08'	146°55'	154°14'	213°18'	240°18'	148°07'	333°11'	247°50'
08.10.2045	195°07'	161°35'	168°58'	214°44'	241°22'	148°44'	333°07'	247°56'
09.10.2045	196°07'	176°21'	183°43'	216°10'	242°25'	149°21'	333°03'	248°01'
10.10.2045	197°06'	191°04'	198°22'	217°34'	243°29'	149°57'	332°59'	248°06'
11.10.2045	198°05'	205°37'	212°48'	218°57'	244°32'	150°34'	332°56'	248°11'
12.10.2045	199°05'	219°54'	226°54'	220°19'	245°35'	151°10'	332°53'	248°17'
13.10.2045	200°04'	233°48'	240°36'	221°41'	246°38'	151°46'	332°49'	248°22'
14.10.2045	201°03'	247°17'	253°52'	223°01'	247°41'	152°22'	332°46'	248°28'
15.10.2045	202°03'	260°20'	266°42'	224°20'	248°43'	152°59'	332°44'	248°33'

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16.10.2045	203°02'	272°59'	279°11'	225°37'	249°45'	153°35'	332°41'	248°39'
17.10.2045	204°02'	285°18'	291°21'	226°54'	250°47'	154°11'	332°39'	248°45'
18.10.2045	205°01'	297°21'	303°18'	228°09'	251°48'	154°47'	332°37'	248°50'
19.10.2045	206°01'	309°13'	315°07'	229°22'	252°49'	155°23'	332°35'	248°56'
20.10.2045	207°00'	321°01'	326°55'	230°34'	253°50'	155°59'	332°33'	249°02'
21.10.2045	208°00'	332°49'	338°45'	231°45'	254°50'	156°35'	332°31'	249°08'
22.10.2045	209°00'	344°43'	350°42'	232°53'	255°50'	157°11'	332°30'	249°14'
23.10.2045	209°59'	356°45'	2°51'	233°59'	256°50'	157°46'	332°29'	249°20'
24.10.2045	210°59'	9°00'	15°12'	235°03'	257°49'	158°22'	332°28'	249°26'
25.10.2045	211°59'	21°28'	27°48'	236°04'	258°48'	158°58'	332°27'	249°32'
26.10.2045	212°59'	34°12'	40°39'	237°03'	259°46'	159°33'	332°27'	249°38'
27.10.2045	213°58'	47°10'	53°44'	237°58'	260°44'	160°09'	332°26'	249°44'
28.10.2045	214°58'	60°21'	67°02'	238°50'	261°42'	160°44'	332°26'	249°50'
29.10.2045	215°58'	73°45'	80°30'	239°38'	262°39'	161°20'	332°26'	249°57'
30.10.2045	216°58'	87°18'	94°08'	240°22'	263°35'	161°55'	332°26'	250°03'
31.10.2045	217°58'	101°00'	107°54'	241°01'	264°31'	162°30'	332°27'	250°09'
01.11.2045	218°58'	114°50'	121°48'	241°35'	265°27'	163°05'	332°28'	250°16'
02.11.2045	219°58'	128°48'	135°49'	242°03'	266°22'	163°41'	332°28'	250°22'
03.11.2045	220°58'	142°53'	149°58'	242°25'	267°16'	164°16'	332°30'	250°29'
04.11.2045	221°58'	157°04'	164°12'	242°39'	268°10'	164°51'	332°31'	250°35'
05.11.2045	222°58'	171°21'	178°31'	242°46'	269°03'	165°26'	332°32'	250°42'
06.11.2045	223°59'	185°41'	192°51'	242°45'	269°56'	166°01'	332°34'	250°48'
07.11.2045	224°59'	199°59'	207°06'	242°34'	270°48'	166°35'	332°36'	250°55'
08.11.2045	225°59'	214°10'	221°12'	242°15'	271°39'	167°10'	332°38'	251°02'
09.11.2045	226°59'	228°09'	235°03'	241°45'	272°30'	167°45'	332°40'	251°08'
10.11.2045	228°00'	241°51'	248°35'	241°05'	273°19'	168°19'	332°43'	251°15'
11.11.2045	229°00'	255°13'	261°45'	240°16'	274°08'	168°54'	332°45'	251°22'
12.11.2045	230°00'	268°12'	274°33'	239°18'	274°57'	169°28'	332°48'	251°29'
13.11.2045	231°01'	280°50'	287°01'	238°11'	275°44'	170°03'	332°51'	251°35'
14.11.2045	232°01'	293°08'	299°12'	236°58'	276°31'	170°37'	332°55'	251°42'
15.11.2045	233°01'	305°12'	311°09'	235°39'	277°16'	171°11'	332°58'	251°49'
16.11.2045	234°02'	317°05'	322°59'	234°19'	278°01'	171°45'	333°02'	251°56'
17.11.2045	235°02'	328°53'	334°47'	232°58'	278°45'	172°19'	333°06'	252°03'
18.11.2045	236°03'	340°42'	346°38'	231°41'	279°27'	172°53'	333°10'	252°10'
19.11.2045	237°03'	352°37'	358°38'	230°29'	280°09'	173°27'	333°14'	252°17'
20.11.2045	238°04'	4°43'	10°51'	229°24'	280°49'	174°01'	333°18'	252°24'
21.11.2045	239°04'	17°04'	23°21'	228°29'	281°28'	174°35'	333°23'	252°30'
22.11.2045	240°05'	29°43'	36°10'	227°45'	282°06'	175°08'	333°28'	252°37'
23.11.2045	241°05'	42°42'	49°18'	227°12'	282°43'	175°42'	333°33'	252°44'
24.11.2045	242°06'	55°59'	62°45'	226°51'	283°19'	176°15'	333°38'	252°51'
25.11.2045	243°07'	69°34'	76°27'	226°41'	283°53'	176°49'	333°43'	252°59'
26.11.2045	244°07'	83°23'	90°22'	226°42'	284°25'	177°22'	333°49'	253°06'
27.11.2045	245°08'	97°23'	104°25'	226°54'	284°56'	177°55'	333°54'	253°13'
28.11.2045	246°09'	111°28'	118°32'	227°16'	285°26'	178°28'	334°00'	253°20'
29.11.2045	247°09'	125°36'	132°40'	227°46'	285°54'	179°01'	334°06'	253°27'
30.11.2045	248°10'	139°44'	146°48'	228°24'	286°20'	179°34'	334°12'	253°34'
01.12.2045	249°11'	153°51'	160°54'	229°09'	286°44'	180°07'	334°19'	253°41'
02.12.2045	250°12'	167°56'	174°57'	230°00'	287°07'	180°40'	334°25'	253°48'
03.12.2045	251°13'	181°58'	188°57'	230°57'	287°28'	181°12'	334°32'	253°55'
04.12.2045	252°14'	195°55'	202°52'	231°58'	287°47'	181°45'	334°39'	254°02'
05.12.2045	253°14'	209°47'	216°40'	233°04'	288°04'	182°17'	334°46'	254°09'
06.12.2045	254°15'	223°31'	230°19'	234°13'	288°19'	182°49'	334°53'	254°16'
07.12.2045	255°16'	237°03'	243°45'	235°25'	288°31'	183°21'	335°00'	254°24'
08.12.2045	256°17'	250°23'	256°57'	236°40'	288°42'	183°54'	335°08'	254°31'
09.12.2045	257°18'	263°27'	269°52'	237°57'	288°50'	184°25'	335°15'	254°38'

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10.12.2045	258°19'	276°14'	282°31'	239°17'	288°57'	184°57'	335°23'	254°45'
11.12.2045	259°20'	288°44'	294°53'	240°37'	289°00'	185°29'	335°31'	254°52'
12.12.2045	260°21'	300°58'	307°01'	242°00'	289°02'	186°00'	335°39'	254°59'
13.12.2045	261°22'	313°00'	318°57'	243°23'	289°01'	186°32'	335°48'	255°06'
14.12.2045	262°23'	324°52'	330°47'	244°48'	288°57'	187°03'	335°56'	255°13'
15.12.2045	263°24'	336°40'	342°34'	246°14'	288°51'	187°34'	336°04'	255°20'
16.12.2045	264°25'	348°29'	354°25'	247°40'	288°42'	188°05'	336°13'	255°27'
17.12.2045	265°26'	0°23'	6°24'	249°08'	288°31'	188°36'	336°22'	255°34'
18.12.2045	266°27'	12°28'	18°37'	250°35'	288°18'	189°07'	336°31'	255°42'
19.12.2045	267°28'	24°50'	31°08'	252°04'	288°02'	189°38'	336°40'	255°49'
20.12.2045	268°29'	37°31'	44°00'	253°33'	287°43'	190°08'	336°49'	255°56'
21.12.2045	269°30'	50°36'	57°17'	255°02'	287°23'	190°39'	336°59'	256°03'
22.12.2045	270°32'	64°04'	70°57'	256°32'	287°00'	191°09'	337°08'	256°10'
23.12.2045	271°33'	77°55'	84°59'	258°02'	286°34'	191°39'	337°18'	256°16'
24.12.2045	272°34'	92°06'	99°17'	259°33'	286°07'	192°09'	337°28'	256°23'
25.12.2045	273°35'	106°31'	113°48'	261°03'	285°38'	192°38'	337°37'	256°30'
26.12.2045	274°36'	121°05'	128°23'	262°35'	285°07'	193°08'	337°47'	256°37'
27.12.2045	275°37'	135°40'	142°57'	264°06'	284°35'	193°38'	337°58'	256°44'
28.12.2045	276°38'	150°12'	157°25'	265°38'	284°01'	194°07'	338°08'	256°51'
29.12.2045	277°39'	164°36'	171°44'	267°10'	283°26'	194°36'	338°18'	256°58'
30.12.2045	278°40'	178°49'	185°50'	268°42'	282°51'	195°05'	338°29'	257°05'
31.12.2045	279°42'	192°49'	199°44'	270°15'	282°15'	195°34'	338°39'	257°11'
01.01.2046	280°43'	206°36'	213°25'	271°48'	281°38'	196°02'	338°50'	257°18'
02.01.2046	281°44'	220°10'	226°53'	273°21'	281°01'	196°31'	339°01'	257°25'
03.01.2046	282°45'	233°31'	240°07'	274°55'	280°25'	196°59'	339°12'	257°31'
04.01.2046	283°46'	246°39'	253°08'	276°29'	279°49'	197°27'	339°23'	257°38'
05.01.2046	284°47'	259°34'	265°57'	278°03'	279°13'	197°55'	339°34'	257°45'
06.01.2046	285°49'	272°16'	278°32'	279°38'	278°39'	198°22'	339°45'	257°51'
07.01.2046	286°50'	284°45'	290°55'	281°13'	278°05'	198°50'	339°56'	257°58'
08.01.2046	287°51'	297°02'	303°06'	282°48'	277°33'	199°17'	340°08'	258°04'
09.01.2046	288°52'	309°08'	315°07'	284°24'	277°03'	199°44'	340°19'	258°11'
10.01.2046	289°53'	321°05'	327°01'	286°00'	276°34'	200°11'	340°31'	258°17'
11.01.2046	290°54'	332°55'	338°49'	287°37'	276°07'	200°37'	340°43'	258°24'
12.01.2046	291°56'	344°43'	350°36'	289°14'	275°42'	201°04'	340°54'	258°30'
13.01.2046	292°57'	356°31'	2°26'	290°52'	275°19'	201°30'	341°06'	258°36'
14.01.2046	293°58'	8°24'	14°24'	292°30'	274°58'	201°56'	341°18'	258°43'
15.01.2046	294°59'	20°27'	26°34'	294°08'	274°40'	202°21'	341°30'	258°49'
16.01.2046	296°00'	32°45'	39°01'	295°47'	274°24'	202°47'	341°43'	258°55'
17.01.2046	297°01'	45°22'	51°50'	297°27'	274°11'	203°12'	341°55'	259°01'
18.01.2046	298°02'	58°23'	65°03'	299°07'	274°00'	203°37'	342°07'	259°07'
19.01.2046	299°03'	71°50'	78°43'	300°47'	273°51'	204°01'	342°20'	259°13'
20.01.2046	300°04'	85°43'	92°49'	302°28'	273°45'	204°26'	342°32'	259°19'
21.01.2046	301°05'	100°02'	107°19'	304°10'	273°41'	204°50'	342°45'	259°25'
22.01.2046	302°06'	114°41'	122°07'	305°52'	273°40'	205°14'	342°57'	259°31'
23.01.2046	303°07'	129°36'	137°06'	307°35'	273°42'	205°37'	343°10'	259°37'
24.01.2046	304°09'	144°36'	152°06'	309°18'	273°45'	206°00'	343°23'	259°42'
25.01.2046	305°10'	159°35'	167°01'	311°01'	273°51'	206°23'	343°36'	259°48'
26.01.2046	306°10'	174°24'	181°42'	312°45'	274°00'	206°46'	343°49'	259°54'
27.01.2046	307°11'	188°56'	196°06'	314°29'	274°10'	207°08'	344°02'	259°59'
28.01.2046	308°12'	203°09'	210°08'	316°14'	274°23'	207°30'	344°15'	260°05'
29.01.2046	309°13'	217°01'	223°49'	317°59'	274°38'	207°52'	344°28'	260°10'
30.01.2046	310°14'	230°31'	237°08'	319°44'	274°55'	208°14'	344°41'	260°16'
31.01.2046	311°15'	243°41'	250°09'	321°29'	275°15'	208°35'	344°54'	260°21'
01.02.2046	312°16'	256°33'	262°52'	323°14'	275°36'	208°55'	345°08'	260°26'
02.02.2046	313°17'	269°09'	275°22'	324°58'	275°58'	209°16'	345°21'	260°32'

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03.02.2046	314°18'	281°32'	287°39'	326°42'	276°23'	209°36'	345°34'	260°37'
04.02.2046	315°19'	293°44'	299°46'	328°25'	276°50'	209°55'	345°48'	260°42'
05.02.2046	316°20'	305°47'	311°46'	330°08'	277°18'	210°14'	346°02'	260°47'
06.02.2046	317°21'	317°43'	323°40'	331°48'	277°47'	210°33'	346°15'	260°52'
07.02.2046	318°22'	329°35'	335°29'	333°27'	278°19'	210°52'	346°29'	260°57'
08.02.2046	319°22'	341°23'	347°17'	335°04'	278°51'	211°10'	346°42'	261°02'
09.02.2046	320°23'	353°11'	359°06'	336°39'	279°25'	211°27'	346°56'	261°06'
10.02.2046	321°24'	5°01'	10°58'	338°10'	280°01'	211°44'	347°10'	261°11'
11.02.2046	322°25'	16°56'	22°57'	339°37'	280°38'	212°01'	347°24'	261°16'
12.02.2046	323°25'	29°00'	35°06'	341°00'	281°16'	212°18'	347°38'	261°20'
13.02.2046	324°26'	41°16'	47°30'	342°17'	281°55'	212°33'	347°52'	261°24'
14.02.2046	325°27'	53°49'	60°13'	343°29'	282°35'	212°49'	348°06'	261°29'
15.02.2046	326°27'	66°42'	73°17'	344°35'	283°17'	213°04'	348°20'	261°33'
16.02.2046	327°28'	79°59'	86°48'	345°33'	284°00'	213°18'	348°34'	261°37'
17.02.2046	328°28'	93°43'	100°45'	346°23'	284°43'	213°32'	348°48'	261°41'
18.02.2046	329°29'	107°54'	115°10'	347°04'	285°28'	213°46'	349°02'	261°46'
19.02.2046	330°30'	122°31'	129°57'	347°36'	286°14'	213°59'	349°16'	261°49'
20.02.2046	331°30'	137°29'	145°03'	347°59'	287°00'	214°11'	349°30'	261°53'
21.02.2046	332°31'	152°40'	160°17'	348°12'	287°48'	214°23'	349°44'	261°57'
22.02.2046	333°31'	167°55'	175°31'	348°14'	288°36'	214°34'	349°58'	262°01'
23.02.2046	334°31'	183°04'	190°34'	348°07'	289°25'	214°45'	350°13'	262°05'
24.02.2046	335°32'	197°58'	205°17'	347°49'	290°15'	214°55'	350°27'	262°08'
25.02.2046	336°32'	212°29'	219°35'	347°22'	291°06'	215°05'	350°41'	262°12'
26.02.2046	337°32'	226°34'	233°26'	346°47'	291°57'	215°14'	350°56'	262°15'
27.02.2046	338°33'	240°11'	246°50'	346°03'	292°49'	215°23'	351°10'	262°18'
28.02.2046	339°33'	253°22'	259°48'	345°13'	293°42'	215°31'	351°24'	262°21'
01.03.2046	340°33'	266°09'	272°25'	344°17'	294°35'	215°38'	351°39'	262°25'
02.03.2046	341°34'	278°37'	284°45'	343°18'	295°29'	215°45'	351°53'	262°28'
03.03.2046	342°34'	290°49'	296°51'	342°16'	296°24'	215°51'	352°08'	262°30'
04.03.2046	343°34'	302°50'	308°48'	341°13'	297°19'	215°56'	352°22'	262°33'
05.03.2046	344°34'	314°44'	320°39'	340°11'	298°15'	216°01'	352°36'	262°36'
06.03.2046	345°34'	326°33'	332°27'	339°11'	299°11'	216°05'	352°51'	262°39'
07.03.2046	346°34'	338°21'	344°15'	338°14'	300°08'	216°08'	353°05'	262°41'
08.03.2046	347°34'	350°10'	356°05'	337°21'	301°05'	216°10'	353°20'	262°44'
09.03.2046	348°35'	2°01'	7°58'	336°33'	302°03'	216°12'	353°34'	262°46'
10.03.2046	349°35'	13°56'	19°56'	335°51'	303°01'	216°14'	353°49'	262°48'
11.03.2046	350°35'	25°58'	32°02'	335°15'	303°59'	216°14'	354°03'	262°51'
12.03.2046	351°34'	38°08'	44°17'	334°45'	304°58'	216°14'	354°18'	262°53'
13.03.2046	352°34'	50°28'	56°43'	334°22'	305°58'	216°13'	354°32'	262°55'
14.03.2046	353°34'	63°02'	69°25'	334°06'	306°58'	216°11'	354°47'	262°57'
15.03.2046	354°34'	75°52'	82°25'	333°56'	307°58'	216°08'	355°01'	262°58'
16.03.2046	355°34'	89°02'	95°46'	333°52'	308°58'	216°05'	355°16'	263°00'
17.03.2046	356°34'	102°35'	109°30'	333°54'	309°59'	216°01'	355°31'	263°02'
18.03.2046	357°33'	116°32'	123°40'	334°03'	311°00'	215°56'	355°45'	263°03'
19.03.2046	358°33'	130°54'	138°14'	334°17'	312°02'	215°51'	356°00'	263°05'
20.03.2046	359°33'	145°39'	153°09'	334°36'	313°04'	215°44'	356°14'	263°06'
21.03.2046	0°32'	160°42'	168°18'	335°00'	314°06'	215°37'	356°29'	263°07'
22.03.2046	1°32'	175°55'	183°32'	335°29'	315°08'	215°29'	356°43'	263°08'
23.03.2046	2°31'	191°08'	198°42'	336°02'	316°11'	215°21'	356°58'	263°09'
24.03.2046	3°31'	206°11'	213°36'	336°40'	317°14'	215°11'	357°12'	263°10'
25.03.2046	4°30'	220°54'	228°06'	337°21'	318°17'	215°01'	357°27'	263°11'
26.03.2046	5°30'	235°11'	242°08'	338°06'	319°21'	214°50'	357°41'	263°12'
27.03.2046	6°29'	248°58'	255°40'	338°55'	320°25'	214°38'	357°55'	263°12'
28.03.2046	7°29'	262°16'	268°44'	339°47'	321°29'	214°26'	358°10'	263°13'
29.03.2046	8°28'	275°06'	281°23'	340°42'	322°33'	214°13'	358°24'	263°13'

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30.03.2046	9°27'	287°34'	293°41'	341°40'	323°38'	213°59'	358°39'	263°14'
31.03.2046	10°27'	299°44'	305°44'	342°41'	324°42'	213°44'	358°53'	263°14'
01.04.2046	11°26'	311°42'	317°38'	343°44'	325°47'	213°29'	359°07'	263°14'
02.04.2046	12°25'	323°32'	329°25'	344°50'	326°53'	213°13'	359°22'	263°14'
03.04.2046	13°24'	335°19'	341°12'	345°58'	327°58'	212°56'	359°36'	263°14'
04.04.2046	14°24'	347°06'	353°01'	347°09'	329°04'	212°39'	359°50'	263°14'
05.04.2046	15°23'	358°57'	4°55'	348°21'	330°09'	212°21'	0°05'	263°13'
06.04.2046	16°22'	10°54'	16°55'	349°36'	331°15'	212°03'	0°19'	263°13'
07.04.2046	17°21'	22°58'	29°04'	350°53'	332°21'	211°44'	0°33'	263°12'
08.04.2046	18°20'	35°11'	41°21'	352°12'	333°27'	211°24'	0°47'	263°12'
09.04.2046	19°19'	47°34'	53°49'	353°33'	334°34'	211°04'	1°01'	263°11'
10.04.2046	20°18'	60°06'	66°27'	354°55'	335°40'	210°44'	1°16'	263°10'
11.04.2046	21°17'	72°50'	79°17'	356°19'	336°47'	210°23'	1°30'	263°09'
12.04.2046	22°16'	85°47'	92°21'	357°45'	337°54'	210°02'	1°44'	263°09'
13.04.2046	23°15'	98°59'	105°41'	359°13'	339°01'	209°40'	1°58'	263°07'
14.04.2046	24°14'	112°27'	119°18'	0°43'	340°08'	209°18'	2°12'	263°06'
15.04.2046	25°12'	126°14'	133°15'	2°14'	341°15'	208°56'	2°26'	263°05'
16.04.2046	26°11'	140°22'	147°33'	3°47'	342°23'	208°34'	2°40'	263°04'
17.04.2046	27°10'	154°48'	162°08'	5°21'	343°30'	208°11'	2°53'	263°02'
18.04.2046	28°08'	169°32'	176°59'	6°58'	344°38'	207°49'	3°07'	263°01'
19.04.2046	29°07'	184°27'	191°57'	8°35'	345°46'	207°26'	3°21'	262°59'
20.04.2046	30°06'	199°26'	206°54'	10°15'	346°54'	207°03'	3°35'	262°57'
21.04.2046	31°04'	214°20'	221°41'	11°56'	348°02'	206°40'	3°49'	262°55'
22.04.2046	32°03'	228°59'	236°10'	13°39'	349°10'	206°18'	4°02'	262°54'
23.04.2046	33°01'	243°16'	250°14'	15°23'	350°18'	205°55'	4°16'	262°52'
24.04.2046	34°00'	257°06'	263°50'	17°09'	351°26'	205°33'	4°29'	262°50'
25.04.2046	34°58'	270°28'	276°59'	18°57'	352°35'	205°10'	4°43'	262°47'
26.04.2046	35°57'	283°23'	289°41'	20°47'	353°43'	204°48'	4°56'	262°45'
27.04.2046	36°55'	295°55'	302°03'	22°38'	354°52'	204°26'	5°10'	262°43'
28.04.2046	37°53'	308°07'	314°08'	24°31'	356°01'	204°05'	5°23'	262°40'
29.04.2046	38°52'	320°06'	326°02'	26°25'	357°09'	203°44'	5°36'	262°38'
30.04.2046	39°50'	331°57'	337°51'	28°21'	358°18'	203°23'	5°50'	262°35'
01.05.2046	40°48'	343°45'	349°39'	30°19'	359°27'	203°03'	6°03'	262°33'
02.05.2046	41°47'	355°34'	1°31'	32°19'	0°36'	202°43'	6°16'	262°30'
03.05.2046	42°45'	7°29'	13°30'	34°20'	1°46'	202°23'	6°29'	262°27'
04.05.2046	43°43'	19°33'	25°39'	36°23'	2°55'	202°04'	6°42'	262°24'
05.05.2046	44°41'	31°48'	38°00'	38°27'	4°04'	201°46'	6°55'	262°21'
06.05.2046	45°40'	44°14'	50°32'	40°32'	5°14'	201°28'	7°08'	262°18'
07.05.2046	46°38'	56°53'	63°17'	42°39'	6°23'	201°11'	7°21'	262°15'
08.05.2046	47°36'	69°44'	76°13'	44°47'	7°33'	200°55'	7°34'	262°12'
09.05.2046	48°34'	82°46'	89°21'	46°56'	8°42'	200°39'	7°46'	262°09'
10.05.2046	49°32'	95°59'	102°40'	49°06'	9°52'	200°24'	7°59'	262°05'
11.05.2046	50°30'	109°23'	116°10'	51°16'	11°02'	200°10'	8°11'	262°02'
12.05.2046	51°28'	122°59'	129°52'	53°27'	12°11'	199°56'	8°24'	261°58'
13.05.2046	52°26'	136°47'	143°46'	55°38'	13°21'	199°44'	8°36'	261°55'
14.05.2046	53°24'	150°49'	157°54'	57°48'	14°31'	199°32'	8°49'	261°51'
15.05.2046	54°22'	165°02'	172°13'	59°58'	15°41'	199°20'	9°01'	261°48'
16.05.2046	55°20'	179°26'	186°42'	62°08'	16°51'	199°10'	9°13'	261°44'
17.05.2046	56°17'	193°58'	201°16'	64°16'	18°01'	199°00'	9°25'	261°40'
18.05.2046	57°15'	208°33'	215°49'	66°23'	19°11'	198°51'	9°37'	261°36'
19.05.2046	58°13'	223°03'	230°15'	68°28'	20°22'	198°43'	9°49'	261°33'
20.05.2046	59°11'	237°23'	244°27'	70°32'	21°32'	198°36'	10°01'	261°29'
21.05.2046	60°08'	251°26'	258°19'	72°34'	22°42'	198°29'	10°13'	261°25'
22.05.2046	61°06'	265°07'	271°49'	74°33'	23°52'	198°24'	10°24'	261°21'
23.05.2046	62°04'	278°25'	284°54'	76°30'	25°03'	198°19'	10°36'	261°17'

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24.05.2046	63°02'	291°19'	297°37'	78°24'	26°13'	198°15'	10°47'	261°13'
25.05.2046	63°59'	303°51'	310°00'	80°16'	27°24'	198°11'	10°59'	261°09'
26.05.2046	64°57'	316°05'	322°07'	82°05'	28°34'	198°09'	11°10'	261°04'
27.05.2046	65°54'	328°07'	334°04'	83°52'	29°45'	198°07'	11°21'	261°00'
28.05.2046	66°52'	340°00'	345°55'	85°35'	30°56'	198°06'	11°33'	260°56'
29.05.2046	67°50'	351°50'	357°45'	87°16'	32°06'	198°06'	11°44'	260°52'
30.05.2046	68°47'	3°42'	9°40'	88°53'	33°17'	198°07'	11°55'	260°47'
31.05.2046	69°45'	15°41'	21°44'	90°28'	34°28'	198°08'	12°05'	260°43'
01.06.2046	70°42'	27°51'	34°00'	91°59'	35°39'	198°11'	12°16'	260°39'
02.06.2046	71°40'	40°14'	46°31'	93°28'	36°50'	198°14'	12°27'	260°34'
03.06.2046	72°37'	52°53'	59°18'	94°53'	38°01'	198°17'	12°37'	260°30'
04.06.2046	73°35'	65°47'	72°20'	96°16'	39°12'	198°22'	12°48'	260°26'
05.06.2046	74°32'	78°57'	85°38'	97°35'	40°23'	198°27'	12°58'	260°21'
06.06.2046	75°30'	92°21'	99°08'	98°51'	41°34'	198°33'	13°08'	260°17'
07.06.2046	76°27'	105°58'	112°50'	100°03'	42°45'	198°39'	13°18'	260°13'
08.06.2046	77°25'	119°44'	126°40'	101°13'	43°56'	198°47'	13°28'	260°08'
09.06.2046	78°22'	133°39'	140°38'	102°18'	45°07'	198°55'	13°38'	260°04'
10.06.2046	79°20'	147°40'	154°42'	103°21'	46°18'	199°04'	13°48'	259°59'
11.06.2046	80°17'	161°46'	168°51'	104°20'	47°30'	199°13'	13°58'	259°55'
12.06.2046	81°14'	175°57'	183°03'	105°15'	48°41'	199°23'	14°07'	259°50'
13.06.2046	82°12'	190°09'	197°16'	106°07'	49°52'	199°34'	14°16'	259°46'
14.06.2046	83°09'	204°22'	211°28'	106°55'	51°03'	199°45'	14°26'	259°41'
15.06.2046	84°06'	218°32'	225°35'	107°39'	52°15'	199°57'	14°35'	259°37'
16.06.2046	85°04'	232°35'	239°33'	108°19'	53°26'	200°10'	14°44'	259°33'
17.06.2046	86°01'	246°28'	253°20'	108°55'	54°38'	200°23'	14°53'	259°28'
18.06.2046	86°58'	260°07'	266°50'	109°27'	55°49'	200°37'	15°02'	259°24'
19.06.2046	87°55'	273°29'	280°03'	109°54'	57°01'	200°51'	15°10'	259°19'
20.06.2046	88°53'	286°33'	292°58'	110°18'	58°12'	201°06'	15°19'	259°15'
21.06.2046	89°50'	299°18'	305°34'	110°36'	59°24'	201°21'	15°27'	259°11'
22.06.2046	90°47'	311°46'	317°54'	110°51'	60°36'	201°37'	15°35'	259°06'
23.06.2046	91°44'	323°58'	330°00'	111°00'	61°47'	201°54'	15°43'	259°02'
24.06.2046	92°42'	335°59'	341°57'	111°06'	62°59'	202°11'	15°51'	258°58'
25.06.2046	93°39'	347°53'	353°49'	111°06'	64°11'	202°28'	15°59'	258°54'
26.06.2046	94°36'	359°45'	5°41'	111°02'	65°22'	202°46'	16°07'	258°49'
27.06.2046	95°33'	11°38'	17°38'	110°54'	66°34'	203°05'	16°14'	258°45'
28.06.2046	96°30'	23°39'	29°43'	110°41'	67°46'	203°24'	16°22'	258°41'
29.06.2046	97°28'	35°51'	42°03'	110°24'	68°58'	203°43'	16°29'	258°37'
30.06.2046	98°25'	48°19'	54°39'	110°03'	70°10'	204°03'	16°36'	258°33'
01.07.2046	99°22'	61°05'	67°35'	109°39'	71°22'	204°24'	16°43'	258°29'
02.07.2046	100°19'	74°10'	80°51'	109°11'	72°34'	204°45'	16°50'	258°25'
03.07.2046	101°17'	87°36'	94°26'	108°40'	73°46'	205°06'	16°57'	258°21'
04.07.2046	102°14'	101°20'	108°19'	108°07'	74°58'	205°28'	17°03'	258°17'
05.07.2046	103°11'	115°21'	122°26'	107°32'	76°10'	205°50'	17°09'	258°13'
06.07.2046	104°08'	129°33'	136°42'	106°55'	77°22'	206°13'	17°16'	258°10'
07.07.2046	105°06'	143°53'	151°05'	106°18'	78°35'	206°36'	17°22'	258°06'
08.07.2046	106°03'	158°17'	165°28'	105°41'	79°47'	206°59'	17°27'	258°02'
09.07.2046	107°00'	172°39'	179°49'	105°04'	80°59'	207°23'	17°33'	257°59'
10.07.2046	107°57'	186°58'	194°05'	104°28'	82°11'	207°47'	17°39'	257°55'
11.07.2046	108°54'	201°10'	208°12'	103°54'	83°24'	208°12'	17°44'	257°52'
12.07.2046	109°52'	215°12'	222°10'	103°23'	84°36'	208°37'	17°49'	257°48'
13.07.2046	110°49'	229°04'	235°56'	102°54'	85°48'	209°02'	17°54'	257°45'
14.07.2046	111°46'	242°44'	249°30'	102°29'	87°01'	209°28'	17°59'	257°42'
15.07.2046	112°43'	256°11'	262°50'	102°08'	88°13'	209°54'	18°04'	257°38'
16.07.2046	113°40'	269°24'	275°56'	101°51'	89°26'	210°21'	18°08'	257°35'
17.07.2046	114°38'	282°23'	288°47'	101°39'	90°38'	210°47'	18°12'	257°32'

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18.07.2046	115°35'	295°08'	301°25'	101°32'	91°51'	211°15'	18°16'	257°29'
19.07.2046	116°32'	307°39'	313°49'	101°31'	93°03'	211°42'	18°20'	257°26'
20.07.2046	117°29'	319°57'	326°02'	101°34'	94°16'	212°10'	18°24'	257°23'
21.07.2046	118°27'	332°04'	338°04'	101°44'	95°29'	212°38'	18°28'	257°20'
22.07.2046	119°24'	344°02'	349°59'	101°58'	96°41'	213°06'	18°31'	257°18'
23.07.2046	120°21'	355°55'	1°51'	102°19'	97°54'	213°35'	18°34'	257°15'
24.07.2046	121°18'	7°47'	13°43'	102°46'	99°07'	214°04'	18°38'	257°12'
25.07.2046	122°16'	19°40'	25°39'	103°18'	100°20'	214°33'	18°40'	257°10'
26.07.2046	123°13'	31°40'	37°44'	103°56'	101°32'	215°03'	18°43'	257°08'
27.07.2046	124°10'	43°52'	50°03'	104°40'	102°45'	215°32'	18°46'	257°05'
28.07.2046	125°08'	56°19'	62°39'	105°29'	103°58'	216°02'	18°48'	257°03'
29.07.2046	126°05'	69°05'	75°36'	106°25'	105°11'	216°33'	18°50'	257°01'
30.07.2046	127°02'	82°14'	88°57'	107°25'	106°24'	217°03'	18°52'	256°59'
31.07.2046	128°00'	95°47'	102°42'	108°31'	107°37'	217°34'	18°54'	256°57'
01.08.2046	128°57'	109°43'	116°50'	109°43'	108°50'	218°06'	18°55'	256°55'
02.08.2046	129°55'	124°01'	131°17'	110°59'	110°03'	218°37'	18°56'	256°53'
03.08.2046	130°52'	138°36'	145°58'	112°21'	111°17'	219°09'	18°57'	256°51'
04.08.2046	131°49'	153°22'	160°47'	113°47'	112°30'	219°41'	18°58'	256°50'
05.08.2046	132°47'	168°11'	175°35'	115°18'	113°43'	220°13'	18°59'	256°48'
06.08.2046	133°44'	182°57'	190°16'	116°54'	114°56'	220°45'	19°00'	256°47'
07.08.2046	134°42'	197°32'	204°45'	118°33'	116°10'	221°18'	19°00'	256°45'
08.08.2046	135°39'	211°53'	218°57'	120°17'	117°23'	221°51'	19°00'	256°44'
09.08.2046	136°37'	225°56'	232°50'	122°04'	118°36'	222°24'	19°00'	256°43'
10.08.2046	137°34'	239°40'	246°25'	123°54'	119°50'	222°58'	19°00'	256°42'
11.08.2046	138°32'	253°05'	259°41'	125°47'	121°03'	223°31'	18°59'	256°41'
12.08.2046	139°29'	266°13'	272°41'	127°42'	122°16'	224°05'	18°59'	256°40'
13.08.2046	140°27'	279°05'	285°26'	129°39'	123°30'	224°39'	18°58'	256°39'
14.08.2046	141°25'	291°43'	297°58'	131°38'	124°43'	225°13'	18°57'	256°38'
15.08.2046	142°22'	304°09'	310°18'	133°38'	125°57'	225°48'	18°56'	256°38'
16.08.2046	143°20'	316°25'	322°30'	135°39'	127°11'	226°22'	18°54'	256°37'
17.08.2046	144°17'	328°32'	334°33'	137°41'	128°24'	226°57'	18°52'	256°37'
18.08.2046	145°15'	340°32'	346°30'	139°43'	129°38'	227°32'	18°51'	256°37'
19.08.2046	146°13'	352°27'	358°23'	141°45'	130°52'	228°08'	18°49'	256°36'
20.08.2046	147°11'	4°18'	10°13'	143°46'	132°05'	228°43'	18°46'	256°36'
21.08.2046	148°08'	16°09'	22°05'	145°47'	133°19'	229°19'	18°44'	256°36'
22.08.2046	149°06'	28°03'	34°01'	147°48'	134°33'	229°55'	18°41'	256°36'
23.08.2046	150°04'	40°02'	46°05'	149°48'	135°47'	230°31'	18°39'	256°37'
24.08.2046	151°02'	52°11'	58°21'	151°47'	137°01'	231°07'	18°36'	256°37'
25.08.2046	151°59'	64°35'	70°53'	153°45'	138°14'	231°43'	18°32'	256°37'
26.08.2046	152°57'	77°17'	83°46'	155°41'	139°28'	232°20'	18°29'	256°38'
27.08.2046	153°55'	90°22'	97°04'	157°37'	140°42'	232°56'	18°25'	256°38'
28.08.2046	154°53'	103°52'	110°47'	159°32'	141°56'	233°33'	18°22'	256°39'
29.08.2046	155°51'	117°49'	124°58'	161°25'	143°10'	234°10'	18°18'	256°40'
30.08.2046	156°49'	132°13'	139°34'	163°17'	144°25'	234°48'	18°14'	256°40'
31.08.2046	157°47'	147°00'	154°29'	165°07'	145°39'	235°25'	18°09'	256°41'
01.09.2046	158°45'	162°02'	169°37'	166°57'	146°53'	236°03'	18°05'	256°42'
02.09.2046	159°43'	177°12'	184°47'	168°45'	148°07'	236°41'	18°00'	256°44'
03.09.2046	160°41'	192°20'	199°50'	170°32'	149°21'	237°18'	17°55'	256°45'
04.09.2046	161°39'	207°15'	214°36'	172°18'	150°35'	237°57'	17°50'	256°46'
05.09.2046	162°38'	221°51'	229°00'	174°02'	151°50'	238°35'	17°45'	256°48'
06.09.2046	163°36'	236°03'	242°59'	175°45'	153°04'	239°13'	17°40'	256°49'
07.09.2046	164°34'	249°49'	256°32'	177°27'	154°18'	239°52'	17°34'	256°51'
08.09.2046	165°32'	263°10'	269°42'	179°08'	155°32'	240°31'	17°29'	256°52'
09.09.2046	166°30'	276°08'	282°30'	180°48'	156°47'	241°09'	17°23'	256°54'
10.09.2046	167°29'	288°47'	295°01'	182°26'	158°01'	241°48'	17°17'	256°56'

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11.09.2046	168°27'	301°12'	307°19'	184°04'	159°16'	242°28'	17°11'	256°58'
12.09.2046	169°25'	313°24'	319°26'	185°40'	160°30'	243°07'	17°05'	257°00'
13.09.2046	170°24'	325°27'	331°27'	187°15'	161°44'	243°46'	16°59'	257°02'
14.09.2046	171°22'	337°25'	343°22'	188°49'	162°59'	244°26'	16°52'	257°05'
15.09.2046	172°20'	349°19'	355°15'	190°22'	164°13'	245°06'	16°45'	257°07'
16.09.2046	173°19'	1°11'	7°07'	191°54'	165°28'	245°45'	16°39'	257°09'
17.09.2046	174°17'	13°02'	18°59'	193°24'	166°43'	246°25'	16°32'	257°12'
18.09.2046	175°16'	24°55'	30°53'	194°54'	167°57'	247°06'	16°25'	257°15'
19.09.2046	176°14'	36°51'	42°51'	196°23'	169°12'	247°46'	16°18'	257°17'
20.09.2046	177°13'	48°53'	54°57'	197°50'	170°26'	248°26'	16°11'	257°20'
21.09.2046	178°12'	61°03'	67°13'	199°16'	171°41'	249°07'	16°03'	257°23'
22.09.2046	179°10'	73°25'	79°42'	200°42'	172°56'	249°47'	15°56'	257°26'
23.09.2046	180°09'	86°04'	92°30'	202°06'	174°10'	250°28'	15°49'	257°29'
24.09.2046	181°08'	99°02'	105°40'	203°28'	175°25'	251°09'	15°41'	257°32'
25.09.2046	182°06'	112°24'	119°15'	204°50'	176°40'	251°50'	15°34'	257°36'
26.09.2046	183°05'	126°13'	133°18'	206°11'	177°55'	252°31'	15°26'	257°39'
27.09.2046	184°04'	140°30'	147°48'	207°30'	179°09'	253°12'	15°18'	257°42'
28.09.2046	185°03'	155°13'	162°42'	208°48'	180°24'	253°54'	15°10'	257°46'
29.09.2046	186°02'	170°17'	177°54'	210°04'	181°39'	254°35'	15°02'	257°49'
30.09.2046	187°01'	185°34'	193°13'	211°19'	182°54'	255°17'	14°55'	257°53'
01.10.2046	188°00'	200°52'	208°29'	212°32'	184°09'	255°58'	14°47'	257°57'
02.10.2046	188°59'	216°02'	223°29'	213°44'	185°23'	256°40'	14°39'	258°01'
03.10.2046	189°58'	230°51'	238°07'	214°54'	186°38'	257°22'	14°31'	258°05'
04.10.2046	190°57'	245°15'	252°16'	216°02'	187°53'	258°04'	14°23'	258°09'
05.10.2046	191°56'	259°09'	265°55'	217°08'	189°08'	258°46'	14°14'	258°13'
06.10.2046	192°55'	272°34'	279°06'	218°12'	190°23'	259°29'	14°06'	258°17'
07.10.2046	193°54'	285°32'	291°52'	219°14'	191°38'	260°11'	13°58'	258°21'
08.10.2046	194°53'	298°08'	304°19'	220°13'	192°53'	260°54'	13°50'	258°25'
09.10.2046	195°53'	310°26'	316°30'	221°09'	194°08'	261°36'	13°42'	258°30'
10.10.2046	196°52'	322°31'	328°30'	222°03'	195°23'	262°19'	13°34'	258°34'
11.10.2046	197°51'	334°28'	340°24'	222°53'	196°38'	263°02'	13°26'	258°39'
12.10.2046	198°50'	346°20'	352°16'	223°39'	197°53'	263°44'	13°18'	258°43'
13.10.2046	199°50'	358°11'	4°07'	224°22'	199°08'	264°27'	13°10'	258°48'
14.10.2046	200°49'	10°03'	15°59'	225°00'	200°23'	265°10'	13°02'	258°53'
15.10.2046	201°48'	21°57'	27°55'	225°33'	201°38'	265°54'	12°54'	258°58'
16.10.2046	202°48'	33°55'	39°56'	226°01'	202°53'	266°37'	12°46'	259°02'
17.10.2046	203°47'	45°58'	52°02'	226°24'	204°08'	267°20'	12°39'	259°07'
18.10.2046	204°47'	58°07'	64°15'	226°40'	205°23'	268°04'	12°31'	259°12'
19.10.2046	205°46'	70°25'	76°37'	226°49'	206°38'	268°47'	12°23'	259°17'
20.10.2046	206°46'	82°52'	89°10'	226°51'	207°53'	269°31'	12°16'	259°23'
21.10.2046	207°46'	95°32'	101°58'	226°46'	209°08'	270°14'	12°08'	259°28'
22.10.2046	208°45'	108°29'	115°04'	226°32'	210°24'	270°58'	12°01'	259°33'
23.10.2046	209°45'	121°45'	128°31'	226°09'	211°39'	271°42'	11°53'	259°38'
24.10.2046	210°45'	135°24'	142°23'	225°38'	212°54'	272°26'	11°46'	259°44'
25.10.2046	211°44'	149°28'	156°39'	224°58'	214°09'	273°10'	11°39'	259°49'
26.10.2046	212°44'	163°56'	171°19'	224°08'	215°24'	273°54'	11°32'	259°55'
27.10.2046	213°44'	178°46'	186°18'	223°11'	216°39'	274°38'	11°25'	260°00'
28.10.2046	214°44'	193°52'	201°28'	222°07'	217°54'	275°22'	11°18'	260°06'
29.10.2046	215°44'	209°04'	216°39'	220°56'	219°10'	276°07'	11°12'	260°12'
30.10.2046	216°44'	224°11'	231°40'	219°41'	220°25'	276°51'	11°05'	260°17'
31.10.2046	217°44'	239°04'	246°22'	218°24'	221°40'	277°36'	10°59'	260°23'
01.11.2046	218°44'	253°34'	260°38'	217°07'	222°55'	278°20'	10°52'	260°29'
02.11.2046	219°44'	267°35'	274°24'	215°53'	224°10'	279°05'	10°46'	260°35'
03.11.2046	220°44'	281°06'	287°41'	214°43'	225°26'	279°50'	10°40'	260°41'
04.11.2046	221°44'	294°10'	300°32'	213°40'	226°41'	280°34'	10°34'	260°47'

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05.11.2046	222°44'	306°49'	313°01'	212°47'	227°56'	281°19'	10°29'	260°53'
06.11.2046	223°44'	319°08'	325°12'	212°03'	229°11'	282°04'	10°23'	260°59'
07.11.2046	224°44'	331°13'	337°11'	211°30'	230°26'	282°49'	10°18'	261°05'
08.11.2046	225°45'	343°08'	349°04'	211°09'	231°42'	283°34'	10°13'	261°11'
09.11.2046	226°45'	354°59'	0°54'	211°00'	232°57'	284°19'	10°08'	261°18'
10.11.2046	227°45'	6°50'	12°46'	211°02'	234°12'	285°04'	10°03'	261°24'
11.11.2046	228°45'	18°43'	24°42'	211°15'	235°27'	285°50'	9°58'	261°30'
12.11.2046	229°46'	30°42'	36°44'	211°38'	236°42'	286°35'	9°54'	261°36'
13.11.2046	230°46'	42°48'	48°53'	212°11'	237°58'	287°20'	9°49'	261°43'
14.11.2046	231°46'	55°01'	61°11'	212°51'	239°13'	288°06'	9°45'	261°49'
15.11.2046	232°47'	67°24'	73°38'	213°39'	240°28'	288°51'	9°41'	261°56'
16.11.2046	233°47'	79°55'	86°15'	214°34'	241°43'	289°36'	9°37'	262°02'
17.11.2046	234°47'	92°37'	99°02'	215°35'	242°58'	290°22'	9°34'	262°09'
18.11.2046	235°48'	105°30'	112°01'	216°41'	244°14'	291°08'	9°30'	262°15'
19.11.2046	236°48'	118°35'	125°14'	217°51'	245°29'	291°53'	9°27'	262°22'
20.11.2046	237°49'	131°55'	138°42'	219°04'	246°44'	292°39'	9°24'	262°29'
21.11.2046	238°49'	145°32'	152°27'	220°21'	247°59'	293°25'	9°21'	262°35'
22.11.2046	239°50'	159°27'	166°31'	221°41'	249°15'	294°10'	9°19'	262°42'
23.11.2046	240°51'	173°39'	180°52'	223°03'	250°30'	294°56'	9°16'	262°49'
24.11.2046	241°51'	188°09'	195°29'	224°27'	251°45'	295°42'	9°14'	262°56'
25.11.2046	242°52'	202°51'	210°16'	225°53'	253°00'	296°28'	9°12'	263°02'
26.11.2046	243°53'	217°41'	225°05'	227°20'	254°16'	297°14'	9°10'	263°09'
27.11.2046	244°53'	232°29'	239°50'	228°48'	255°31'	298°00'	9°09'	263°16'
28.11.2046	245°54'	247°07'	254°20'	230°17'	256°46'	298°46'	9°08'	263°23'
29.11.2046	246°55'	261°28'	268°31'	231°47'	258°01'	299°32'	9°06'	263°30'
30.11.2046	247°56'	275°27'	282°16'	233°17'	259°17'	300°18'	9°05'	263°37'
01.12.2046	248°56'	289°00'	295°36'	234°48'	260°32'	301°05'	9°05'	263°44'
02.12.2046	249°57'	302°07'	308°31'	236°20'	261°47'	301°51'	9°04'	263°51'
03.12.2046	250°58'	314°50'	321°04'	237°51'	263°02'	302°37'	9°04'	263°58'
04.12.2046	251°59'	327°14'	333°19'	239°23'	264°18'	303°23'	9°04'	264°05'
05.12.2046	253°00'	339°22'	345°21'	240°56'	265°33'	304°10'	9°04'	264°12'
06.12.2046	254°01'	351°19'	357°16'	242°28'	266°48'	304°56'	9°04'	264°19'
07.12.2046	255°02'	3°11'	9°07'	244°01'	268°03'	305°42'	9°05'	264°26'
08.12.2046	256°03'	15°03'	21°00'	245°34'	269°19'	306°29'	9°05'	264°33'
09.12.2046	257°03'	26°58'	32°58'	247°07'	270°34'	307°15'	9°06'	264°40'
10.12.2046	258°04'	39°01'	45°06'	248°40'	271°49'	308°02'	9°07'	264°47'
11.12.2046	259°05'	51°14'	57°24'	250°13'	273°04'	308°48'	9°09'	264°54'
12.12.2046	260°06'	63°38'	69°55'	251°46'	274°20'	309°35'	9°10'	265°01'
13.12.2046	261°07'	76°15'	82°39'	253°19'	275°35'	310°21'	9°12'	265°08'
14.12.2046	262°08'	89°06'	95°36'	254°53'	276°50'	311°08'	9°14'	265°15'
15.12.2046	263°09'	102°09'	108°45'	256°26'	278°05'	311°54'	9°16'	265°22'
16.12.2046	264°10'	115°24'	122°06'	258°00'	279°20'	312°41'	9°19'	265°29'
17.12.2046	265°11'	128°50'	135°38'	259°33'	280°35'	313°27'	9°21'	265°36'
18.12.2046	266°12'	142°28'	149°21'	261°07'	281°51'	314°14'	9°24'	265°43'
19.12.2046	267°13'	156°16'	163°13'	262°41'	283°06'	315°01'	9°27'	265°50'
20.12.2046	268°14'	170°13'	177°16'	264°15'	284°21'	315°47'	9°30'	265°58'
21.12.2046	269°15'	184°20'	191°27'	265°49'	285°36'	316°34'	9°33'	266°05'
22.12.2046	270°17'	198°35'	205°44'	267°24'	286°51'	317°21'	9°37'	266°12'
23.12.2046	271°18'	212°54'	220°05'	268°58'	288°07'	318°07'	9°41'	266°19'
24.12.2046	272°19'	227°15'	234°25'	270°33'	289°22'	318°54'	9°45'	266°26'
25.12.2046	273°20'	241°33'	248°40'	272°08'	290°37'	319°41'	9°49'	266°33'
26.12.2046	274°21'	255°44'	262°45'	273°43'	291°52'	320°28'	9°53'	266°40'
27.12.2046	275°22'	269°42'	276°36'	275°19'	293°07'	321°14'	9°58'	266°47'
28.12.2046	276°23'	283°24'	290°08'	276°54'	294°22'	322°01'	10°02'	266°54'
29.12.2046	277°25'	296°47'	303°21'	278°30'	295°37'	322°48'	10°07'	267°01'

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30.12.2046	278°26'	309°50'	316°13'	280°07'	296°53'	323°35'	10°12'	267°08'
31.12.2046	279°27'	322°33'	328°47'	281°43'	298°08'	324°21'	10°18'	267°15'
01.01.2047	280°28'	334°58'	341°05'	283°20'	299°23'	325°08'	10°23'	267°22'
02.01.2047	281°29'	347°08'	353°09'	284°57'	300°38'	325°55'	10°29'	267°29'
03.01.2047	282°30'	359°08'	5°05'	286°35'	301°53'	326°42'	10°34'	267°36'
04.01.2047	283°32'	11°02'	16°58'	288°12'	303°08'	327°28'	10°40'	267°43'
05.01.2047	284°33'	22°54'	28°51'	289°51'	304°23'	328°15'	10°46'	267°50'
06.01.2047	285°34'	34°50'	40°50'	291°29'	305°38'	329°02'	10°53'	267°57'
07.01.2047	286°35'	46°53'	52°59'	293°08'	306°53'	329°49'	10°59'	268°04'
08.01.2047	287°36'	59°09'	65°22'	294°47'	308°08'	330°36'	11°06'	268°11'
09.01.2047	288°37'	71°39'	78°01'	296°26'	309°23'	331°22'	11°13'	268°17'
10.01.2047	289°38'	84°27'	90°58'	298°05'	310°38'	332°09'	11°20'	268°24'
11.01.2047	290°39'	97°34'	104°14'	299°45'	311°53'	332°56'	11°27'	268°31'
12.01.2047	291°41'	110°58'	117°47'	301°25'	313°08'	333°42'	11°34'	268°38'
13.01.2047	292°42'	124°39'	131°35'	303°05'	314°23'	334°29'	11°42'	268°44'
14.01.2047	293°43'	138°34'	145°36'	304°45'	315°38'	335°16'	11°49'	268°51'
15.01.2047	294°44'	152°40'	159°45'	306°25'	316°52'	336°03'	11°57'	268°58'
16.01.2047	295°45'	166°52'	174°00'	308°04'	318°07'	336°49'	12°05'	269°04'
17.01.2047	296°46'	181°08'	188°16'	309°44'	319°22'	337°36'	12°13'	269°11'
18.01.2047	297°47'	195°24'	202°30'	311°22'	320°37'	338°23'	12°21'	269°17'
19.01.2047	298°48'	209°36'	216°40'	313°00'	321°52'	339°09'	12°30'	269°24'
20.01.2047	299°49'	223°43'	230°44'	314°37'	323°06'	339°56'	12°38'	269°30'
21.01.2047	300°50'	237°43'	244°40'	316°13'	324°21'	340°43'	12°47'	269°37'
22.01.2047	301°52'	251°34'	258°26'	317°47'	325°36'	341°29'	12°55'	269°43'
23.01.2047	302°53'	265°15'	272°02'	319°19'	326°51'	342°16'	13°04'	269°50'
24.01.2047	303°54'	278°45'	285°25'	320°49'	328°05'	343°02'	13°13'	269°56'
25.01.2047	304°55'	292°01'	298°34'	322°16'	329°20'	343°49'	13°23'	270°02'
26.01.2047	305°56'	305°04'	311°30'	323°39'	330°34'	344°35'	13°32'	270°08'
27.01.2047	306°57'	317°53'	324°12'	324°59'	331°49'	345°22'	13°41'	270°15'
28.01.2047	307°58'	330°27'	336°39'	326°13'	333°04'	346°09'	13°51'	270°21'
29.01.2047	308°59'	342°48'	348°54'	327°22'	334°18'	346°55'	14°01'	270°27'
30.01.2047	310°00'	354°57'	0°58'	328°25'	335°33'	347°41'	14°11'	270°33'
31.01.2047	311°01'	6°57'	12°55'	329°20'	336°47'	348°28'	14°21'	270°39'
01.02.2047	312°02'	18°51'	24°47'	330°08'	338°02'	349°14'	14°31'	270°45'
02.02.2047	313°03'	30°43'	36°39'	330°47'	339°16'	350°01'	14°41'	270°51'
03.02.2047	314°03'	42°37'	48°37'	331°17'	340°30'	350°47'	14°51'	270°56'
04.02.2047	315°04'	54°39'	60°43'	331°36'	341°45'	351°33'	15°02'	271°02'
05.02.2047	316°05'	66°52'	73°04'	331°45'	342°59'	352°20'	15°12'	271°08'
06.02.2047	317°06'	79°22'	85°44'	331°42'	344°13'	353°06'	15°23'	271°14'
07.02.2047	318°07'	92°12'	98°45'	331°29'	345°28'	353°52'	15°34'	271°19'
08.02.2047	319°08'	105°25'	112°10'	331°05'	346°42'	354°39'	15°45'	271°25'
09.02.2047	320°08'	119°02'	125°59'	330°30'	347°56'	355°25'	15°56'	271°30'
10.02.2047	321°09'	133°02'	140°10'	329°46'	349°10'	356°11'	16°07'	271°36'
11.02.2047	322°10'	147°23'	154°39'	328°53'	350°24'	356°57'	16°18'	271°41'
12.02.2047	323°10'	161°58'	169°19'	327°54'	351°38'	357°43'	16°29'	271°46'
13.02.2047	324°11'	176°41'	184°03'	326°49'	352°52'	358°29'	16°40'	271°52'
14.02.2047	325°12'	191°24'	198°44'	325°41'	354°06'	359°15'	16°52'	271°57'
15.02.2047	326°12'	206°01'	213°16'	324°31'	355°20'	0°01'	17°04'	272°02'
16.02.2047	327°13'	220°26'	227°33'	323°22'	356°33'	0°47'	17°15'	272°07'
17.02.2047	328°14'	234°36'	241°34'	322°14'	357°47'	1°33'	17°27'	272°12'
18.02.2047	329°14'	248°29'	255°18'	321°11'	359°01'	2°19'	17°39'	272°17'
19.02.2047	330°15'	262°04'	268°46'	320°12'	0°15'	3°05'	17°51'	272°22'
20.02.2047	331°15'	275°24'	281°59'	319°19'	1°28'	3°51'	18°03'	272°26'
21.02.2047	332°16'	288°30'	294°58'	318°33'	2°42'	4°37'	18°15'	272°31'
22.02.2047	333°16'	301°22'	307°44'	317°54'	3°55'	5°22'	18°27'	272°36'

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23.02.2047	334°17'	314°03'	320°20'	317°22'	5°09'	6°08'	18°39'	272°40'
24.02.2047	335°17'	326°34'	332°45'	316°58'	6°22'	6°54'	18°52'	272°45'
25.02.2047	336°17'	338°54'	345°01'	316°41'	7°36'	7°39'	19°04'	272°49'
26.02.2047	337°18'	351°06'	357°09'	316°31'	8°49'	8°25'	19°17'	272°53'
27.02.2047	338°18'	3°10'	9°09'	316°29'	10°02'	9°11'	19°29'	272°58'
28.02.2047	339°19'	15°07'	21°04'	316°33'	11°16'	9°56'	19°42'	273°02'
01.03.2047	340°19'	27°00'	32°55'	316°43'	12°29'	10°42'	19°55'	273°06'
02.03.2047	341°19'	38°51'	44°47'	317°00'	13°42'	11°27'	20°07'	273°10'
03.03.2047	342°19'	50°44'	56°42'	317°21'	14°55'	12°13'	20°20'	273°14'
04.03.2047	343°20'	62°42'	68°45'	317°48'	16°08'	12°58'	20°33'	273°18'
05.03.2047	344°20'	74°52'	81°02'	318°20'	17°21'	13°43'	20°46'	273°21'
06.03.2047	345°20'	87°16'	93°36'	318°56'	18°33'	14°29'	20°59'	273°25'
07.03.2047	346°20'	100°02'	106°34'	319°37'	19°46'	15°14'	21°12'	273°29'
08.03.2047	347°20'	113°12'	119°57'	320°21'	20°59'	15°59'	21°26'	273°32'
09.03.2047	348°20'	126°50'	133°49'	321°09'	22°11'	16°44'	21°39'	273°36'
10.03.2047	349°20'	140°56'	148°09'	322°00'	23°24'	17°29'	21°52'	273°39'
11.03.2047	350°20'	155°29'	162°54'	322°54'	24°36'	18°14'	22°05'	273°42'
12.03.2047	351°20'	170°23'	177°55'	323°52'	25°49'	18°59'	22°19'	273°45'
13.03.2047	352°20'	185°30'	193°05'	324°52'	27°01'	19°44'	22°32'	273°48'
14.03.2047	353°20'	200°39'	208°11'	325°55'	28°13'	20°29'	22°46'	273°51'
15.03.2047	354°19'	215°40'	223°05'	327°00'	29°25'	21°14'	22°59'	273°54'
16.03.2047	355°19'	230°25'	237°40'	328°07'	30°37'	21°59'	23°13'	273°57'
17.03.2047	356°19'	244°49'	251°51'	329°17'	31°49'	22°44'	23°27'	274°00'
18.03.2047	357°19'	258°47'	265°37'	330°29'	33°01'	23°29'	23°40'	274°02'
19.03.2047	358°18'	272°22'	279°00'	331°42'	34°13'	24°13'	23°54'	274°05'
20.03.2047	359°18'	285°34'	292°02'	332°58'	35°25'	24°58'	24°08'	274°07'
21.03.2047	0°18'	298°27'	304°47'	334°15'	36°36'	25°43'	24°22'	274°10'
22.03.2047	1°17'	311°04'	317°18'	335°35'	37°48'	26°27'	24°35'	274°12'
23.03.2047	2°17'	323°29'	329°37'	336°55'	38°59'	27°12'	24°49'	274°14'
24.03.2047	3°16'	335°44'	341°49'	338°18'	40°11'	27°56'	25°03'	274°16'
25.03.2047	4°16'	347°52'	353°53'	339°42'	41°22'	28°41'	25°17'	274°18'
26.03.2047	5°15'	359°53'	5°52'	341°08'	42°33'	29°25'	25°31'	274°20'
27.03.2047	6°15'	11°50'	17°48'	342°35'	43°44'	30°10'	25°45'	274°22'
28.03.2047	7°14'	23°44'	29°40'	344°04'	44°55'	30°54'	25°59'	274°24'
29.03.2047	8°14'	35°36'	41°31'	345°34'	46°06'	31°38'	26°13'	274°25'
30.03.2047	9°13'	47°27'	53°23'	347°05'	47°17'	32°22'	26°27'	274°27'
31.03.2047	10°12'	59°21'	65°19'	348°38'	48°28'	33°06'	26°42'	274°28'
01.04.2047	11°12'	71°19'	77°22'	350°13'	49°38'	33°51'	26°56'	274°29'
02.04.2047	12°11'	83°27'	89°36'	351°49'	50°49'	34°35'	27°10'	274°30'
03.04.2047	13°10'	95°49'	102°07'	353°26'	51°59'	35°19'	27°24'	274°31'
04.04.2047	14°09'	108°29'	114°58'	355°05'	53°09'	36°03'	27°38'	274°32'
05.04.2047	15°08'	121°33'	128°15'	356°45'	54°19'	36°47'	27°53'	274°33'
06.04.2047	16°08'	135°04'	142°00'	358°27'	55°29'	37°30'	28°07'	274°34'
07.04.2047	17°07'	149°04'	156°16'	0°10'	56°39'	38°14'	28°21'	274°35'
08.04.2047	18°06'	163°34'	170°59'	1°54'	57°49'	38°58'	28°36'	274°35'
09.04.2047	19°05'	178°30'	186°05'	3°40'	58°59'	39°42'	28°50'	274°36'
10.04.2047	20°04'	193°43'	201°24'	5°27'	60°08'	40°25'	29°04'	274°36'
11.04.2047	21°02'	209°04'	216°44'	7°16'	61°18'	41°09'	29°19'	274°37'
12.04.2047	22°01'	224°21'	231°55'	9°07'	62°27'	41°53'	29°33'	274°37'
13.04.2047	23°00'	239°23'	246°46'	10°59'	63°36'	42°36'	29°47'	274°37'
14.04.2047	23°59'	254°02'	261°11'	12°52'	64°45'	43°20'	30°02'	274°37'
15.04.2047	24°58'	268°12'	275°07'	14°47'	65°54'	44°03'	30°16'	274°37'
16.04.2047	25°57'	281°55'	288°35'	16°44'	67°02'	44°46'	30°31'	274°37'
17.04.2047	26°55'	295°10'	301°38'	18°42'	68°11'	45°30'	30°45'	274°36'
18.04.2047	27°54'	308°01'	314°20'	20°41'	69°19'	46°13'	30°59'	274°36'

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19.04.2047	28°53'	320°34'	326°44'	22°42'	70°27'	46°56'	31°14'	274°35'
20.04.2047	29°51'	332°52'	338°56'	24°44'	71°35'	47°39'	31°28'	274°35'
21.04.2047	30°50'	344°58'	350°59'	26°47'	72°43'	48°23'	31°43'	274°34'
22.04.2047	31°49'	356°58'	2°56'	28°52'	73°51'	49°06'	31°57'	274°33'
23.04.2047	32°47'	8°53'	14°49'	30°58'	74°59'	49°49'	32°11'	274°32'
24.04.2047	33°46'	20°45'	26°41'	33°05'	76°06'	50°32'	32°26'	274°31'
25.04.2047	34°44'	32°37'	38°33'	35°12'	77°13'	51°15'	32°40'	274°30'
26.04.2047	35°43'	44°29'	50°26'	37°20'	78°20'	51°58'	32°55'	274°29'
27.04.2047	36°41'	56°24'	62°22'	39°29'	79°27'	52°40'	33°09'	274°28'
28.04.2047	37°39'	68°22'	74°23'	41°38'	80°34'	53°23'	33°24'	274°27'
29.04.2047	38°38'	80°26'	86°31'	43°46'	81°41'	54°06'	33°38'	274°25'
30.04.2047	39°36'	92°39'	98°50'	45°55'	82°47'	54°49'	33°52'	274°24'
01.05.2047	40°34'	105°04'	111°22'	48°02'	83°53'	55°31'	34°07'	274°22'
02.05.2047	41°33'	117°45'	124°12'	50°09'	84°59'	56°14'	34°21'	274°20'
03.05.2047	42°31'	130°45'	137°25'	52°14'	86°05'	56°57'	34°35'	274°18'
04.05.2047	43°29'	144°10'	151°02'	54°18'	87°10'	57°39'	34°50'	274°16'
05.05.2047	44°27'	158°01'	165°07'	56°20'	88°16'	58°22'	35°04'	274°14'
06.05.2047	45°25'	172°20'	179°39'	58°19'	89°21'	59°04'	35°18'	274°12'
07.05.2047	46°24'	187°03'	194°33'	60°17'	90°25'	59°46'	35°33'	274°10'
08.05.2047	47°22'	202°07'	209°44'	62°12'	91°30'	60°29'	35°47'	274°08'
09.05.2047	48°20'	217°22'	225°00'	64°03'	92°34'	61°11'	36°01'	274°06'
10.05.2047	49°18'	232°37'	240°11'	65°52'	93°38'	61°53'	36°15'	274°03'
11.05.2047	50°16'	247°41'	255°07'	67°38'	94°42'	62°35'	36°29'	274°01'
12.05.2047	51°14'	262°26'	269°40'	69°21'	95°46'	63°17'	36°44'	273°58'
13.05.2047	52°12'	276°46'	283°45'	71°00'	96°49'	63°59'	36°58'	273°56'
14.05.2047	53°09'	290°37'	297°21'	72°36'	97°52'	64°41'	37°12'	273°53'
15.05.2047	54°07'	303°59'	310°31'	74°08'	98°54'	65°23'	37°26'	273°50'
16.05.2047	55°05'	316°56'	323°16'	75°37'	99°57'	66°05'	37°40'	273°47'
17.05.2047	56°03'	329°31'	335°42'	77°02'	100°59'	66°47'	37°54'	273°44'
18.05.2047	57°01'	341°49'	347°53'	78°23'	102°01'	67°29'	38°08'	273°41'
19.05.2047	57°59'	353°54'	359°54'	79°41'	103°02'	68°11'	38°22'	273°38'
20.05.2047	58°57'	5°51'	11°48'	80°54'	104°03'	68°53'	38°36'	273°35'
21.05.2047	59°54'	17°44'	23°39'	82°04'	105°04'	69°34'	38°50'	273°32'
22.05.2047	60°52'	29°35'	35°31'	83°10'	106°04'	70°16'	39°04'	273°28'
23.05.2047	61°50'	41°27'	47°24'	84°12'	107°05'	70°58'	39°18'	273°25'
24.05.2047	62°48'	53°23'	59°22'	85°10'	108°04'	71°39'	39°31'	273°21'
25.05.2047	63°45'	65°23'	71°26'	86°04'	109°04'	72°21'	39°45'	273°18'
26.05.2047	64°43'	77°30'	83°37'	86°54'	110°02'	73°02'	39°59'	273°14'
27.05.2047	65°41'	89°46'	95°57'	87°39'	111°01'	73°44'	40°12'	273°11'
28.05.2047	66°38'	102°10'	108°27'	88°20'	111°59'	74°25'	40°26'	273°07'
29.05.2047	67°36'	114°47'	121°10'	88°57'	112°57'	75°07'	40°40'	273°03'
30.05.2047	68°33'	127°37'	134°08'	89°29'	113°54'	75°48'	40°53'	273°00'
31.05.2047	69°31'	140°44'	147°24'	89°57'	114°51'	76°29'	41°07'	272°56'
01.06.2047	70°29'	154°10'	161°00'	90°20'	115°47'	77°10'	41°20'	272°52'
02.06.2047	71°26'	167°56'	174°57'	90°39'	116°43'	77°52'	41°34'	272°48'
03.06.2047	72°24'	182°04'	189°15'	90°53'	117°38'	78°33'	41°47'	272°44'
04.06.2047	73°21'	196°32'	203°52'	91°02'	118°32'	79°14'	42°00'	272°40'
05.06.2047	74°18'	211°16'	218°42'	91°07'	119°27'	79°55'	42°13'	272°36'
06.06.2047	75°16'	226°11'	233°39'	91°07'	120°20'	80°36'	42°27'	272°32'
07.06.2047	76°13'	241°08'	248°35'	91°02'	121°13'	81°17'	42°40'	272°28'
08.06.2047	77°11'	255°59'	263°20'	90°53'	122°05'	81°58'	42°53'	272°23'
09.06.2047	78°08'	270°36'	277°47'	90°40'	122°57'	82°39'	43°06'	272°19'
10.06.2047	79°05'	284°52'	291°52'	90°23'	123°48'	83°19'	43°19'	272°15'
11.06.2047	80°03'	298°45'	305°31'	90°03'	124°38'	84°00'	43°32'	272°11'
12.06.2047	81°00'	312°11'	318°45'	89°39'	125°28'	84°41'	43°45'	272°06'

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13.06.2047	81°57'	325°13'	331°36'	89°12'	126°17'	85°22'	43°57'	272°02'
14.06.2047	82°55'	337°53'	344°06'	88°43'	127°05'	86°02'	44°10'	271°58'
15.06.2047	83°52'	350°14'	356°19'	88°12'	127°52'	86°43'	44°23'	271°53'
16.06.2047	84°49'	2°22'	8°21'	87°39'	128°39'	87°23'	44°35'	271°49'
17.06.2047	85°47'	14°19'	20°16'	87°05'	129°24'	88°04'	44°48'	271°45'
18.06.2047	86°44'	26°12'	32°08'	86°31'	130°09'	88°45'	45°00'	271°40'
19.06.2047	87°41'	38°04'	44°01'	85°57'	130°53'	89°25'	45°13'	271°36'
20.06.2047	88°39'	49°59'	55°58'	85°24'	131°36'	90°05'	45°25'	271°31'
21.06.2047	89°36'	61°59'	68°02'	84°53'	132°18'	90°46'	45°37'	271°27'
22.06.2047	90°33'	74°07'	80°15'	84°23'	132°59'	91°26'	45°49'	271°23'
23.06.2047	91°31'	86°26'	92°40'	83°56'	133°38'	92°07'	46°01'	271°18'
24.06.2047	92°28'	98°56'	105°16'	83°31'	134°17'	92°47'	46°13'	271°14'
25.06.2047	93°25'	111°38'	118°05'	83°10'	134°55'	93°27'	46°25'	271°09'
26.06.2047	94°22'	124°34'	131°07'	82°53'	135°31'	94°07'	46°37'	271°05'
27.06.2047	95°20'	137°43'	144°23'	82°39'	136°06'	94°48'	46°49'	271°00'
28.06.2047	96°17'	151°06'	157°53'	82°30'	136°40'	95°28'	47°01'	270°56'
29.06.2047	97°14'	164°43'	171°37'	82°25'	137°13'	96°08'	47°12'	270°52'
30.06.2047	98°11'	178°35'	185°35'	82°25'	137°44'	96°48'	47°24'	270°47'
01.07.2047	99°08'	192°39'	199°46'	82°30'	138°14'	97°28'	47°35'	270°43'
02.07.2047	100°06'	206°55'	214°07'	82°39'	138°42'	98°08'	47°46'	270°39'
03.07.2047	101°03'	221°20'	228°35'	82°54'	139°08'	98°48'	47°58'	270°34'
04.07.2047	102°00'	235°51'	243°06'	83°13'	139°33'	99°28'	48°09'	270°30'
05.07.2047	102°57'	250°22'	257°36'	83°37'	139°57'	100°08'	48°20'	270°26'
06.07.2047	103°54'	264°48'	271°58'	84°07'	140°18'	100°47'	48°31'	270°21'
07.07.2047	104°52'	279°04'	286°07'	84°41'	140°38'	101°27'	48°42'	270°17'
08.07.2047	105°49'	293°06'	299°59'	85°20'	140°56'	102°07'	48°52'	270°13'
09.07.2047	106°46'	306°48'	313°32'	86°04'	141°12'	102°47'	49°03'	270°09'
10.07.2047	107°43'	320°10'	326°44'	86°52'	141°26'	103°26'	49°14'	270°05'
11.07.2047	108°40'	333°11'	339°34'	87°46'	141°38'	104°06'	49°24'	270°01'
12.07.2047	109°38'	345°53'	352°06'	88°44'	141°48'	104°46'	49°34'	269°57'
13.07.2047	110°35'	358°16'	4°22'	89°46'	141°56'	105°25'	49°45'	269°53'
14.07.2047	111°32'	10°25'	16°26'	90°54'	142°01'	106°05'	49°55'	269°49'
15.07.2047	112°29'	22°25'	28°22'	92°05'	142°05'	106°44'	50°05'	269°45'
16.07.2047	113°26'	34°18'	40°15'	93°22'	142°06'	107°24'	50°15'	269°41'
17.07.2047	114°24'	46°11'	52°09'	94°42'	142°05'	108°03'	50°25'	269°37'
18.07.2047	115°21'	58°08'	64°08'	96°07'	142°01'	108°43'	50°34'	269°33'
19.07.2047	116°18'	70°11'	76°17'	97°36'	141°55'	109°22'	50°44'	269°29'
20.07.2047	117°15'	82°27'	88°39'	99°09'	141°47'	110°02'	50°53'	269°26'
21.07.2047	118°13'	94°56'	101°16'	100°46'	141°36'	110°41'	51°03'	269°22'
22.07.2047	119°10'	107°41'	114°10'	102°27'	141°23'	111°20'	51°12'	269°19'
23.07.2047	120°07'	120°43'	127°21'	104°11'	141°08'	112°00'	51°21'	269°15'
24.07.2047	121°05'	134°02'	140°47'	105°59'	140°50'	112°39'	51°30'	269°12'
25.07.2047	122°02'	147°36'	154°29'	107°49'	140°30'	113°18'	51°39'	269°08'
26.07.2047	122°59'	161°24'	168°22'	109°43'	140°08'	113°57'	51°47'	269°05'
27.07.2047	123°57'	175°22'	182°25'	111°40'	139°44'	114°36'	51°56'	269°02'
28.07.2047	124°54'	189°29'	196°34'	113°38'	139°18'	115°16'	52°04'	268°59'
29.07.2047	125°51'	203°40'	210°46'	115°39'	138°50'	115°55'	52°13'	268°55'
30.07.2047	126°49'	217°53'	225°00'	117°41'	138°19'	116°34'	52°21'	268°52'
31.07.2047	127°46'	232°06'	239°12'	119°45'	137°48'	117°13'	52°29'	268°50'
01.08.2047	128°43'	246°17'	253°21'	121°49'	137°15'	117°52'	52°37'	268°47'
02.08.2047	129°41'	260°23'	267°24'	123°54'	136°40'	118°31'	52°45'	268°44'
03.08.2047	130°38'	274°22'	281°18'	126°00'	136°05'	119°10'	52°52'	268°41'
04.08.2047	131°36'	288°12'	295°02'	128°06'	135°28'	119°49'	53°00'	268°38'
05.08.2047	132°33'	301°50'	308°34'	130°11'	134°51'	120°28'	53°07'	268°36'
06.08.2047	133°30'	315°14'	321°50'	132°16'	134°14'	121°06'	53°14'	268°33'

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07.08.2047	134°28'	328°23'	334°51'	134°20'	133°37'	121°45'	53°21'	268°31'
08.08.2047	135°25'	341°15'	347°35'	136°24'	132°59'	122°24'	53°28'	268°29'
09.08.2047	136°23'	353°52'	0°04'	138°26'	132°22'	123°03'	53°35'	268°26'
10.08.2047	137°20'	6°13'	12°19'	140°27'	131°46'	123°42'	53°41'	268°24'
11.08.2047	138°18'	18°22'	24°22'	142°28'	131°10'	124°20'	53°48'	268°22'
12.08.2047	139°15'	30°20'	36°18'	144°26'	130°36'	124°59'	53°54'	268°20'
13.08.2047	140°13'	42°14'	48°10'	146°24'	130°02'	125°38'	54°00'	268°18'
14.08.2047	141°10'	54°06'	60°03'	148°20'	129°30'	126°16'	54°06'	268°16'
15.08.2047	142°08'	66°02'	72°03'	150°15'	129°00'	126°55'	54°12'	268°15'
16.08.2047	143°06'	78°07'	84°14'	152°08'	128°32'	127°34'	54°17'	268°13'
17.08.2047	144°03'	90°25'	96°40'	154°00'	128°05'	128°12'	54°23'	268°12'
18.08.2047	145°01'	103°00'	109°25'	155°51'	127°40'	128°51'	54°28'	268°10'
19.08.2047	145°59'	115°56'	122°32'	157°40'	127°18'	129°29'	54°33'	268°09'
20.08.2047	146°57'	129°14'	136°01'	159°27'	126°58'	130°08'	54°38'	268°07'
21.08.2047	147°54'	142°54'	149°52'	161°13'	126°40'	130°46'	54°43'	268°06'
22.08.2047	148°52'	156°54'	164°00'	162°58'	126°24'	131°25'	54°48'	268°05'
23.08.2047	149°50'	171°10'	178°22'	164°42'	126°11'	132°03'	54°52'	268°04'
24.08.2047	150°48'	185°35'	192°50'	166°24'	126°00'	132°42'	54°56'	268°03'
25.08.2047	151°46'	200°05'	207°20'	168°04'	125°52'	133°20'	55°00'	268°02'
26.08.2047	152°43'	214°33'	221°45'	169°43'	125°46'	133°58'	55°04'	268°02'
27.08.2047	153°41'	228°55'	236°02'	171°21'	125°42'	134°37'	55°08'	268°01'
28.08.2047	154°39'	243°06'	250°08'	172°58'	125°41'	135°15'	55°11'	268°01'
29.08.2047	155°37'	257°07'	264°03'	174°33'	125°41'	135°53'	55°15'	268°00'
30.08.2047	156°35'	270°55'	277°45'	176°07'	125°45'	136°32'	55°18'	268°00'
31.08.2047	157°33'	284°32'	291°16'	177°40'	125°50'	137°10'	55°21'	268°00'
01.09.2047	158°31'	297°57'	304°36'	179°11'	125°58'	137°48'	55°23'	268°00'
02.09.2047	159°29'	311°11'	317°44'	180°41'	126°08'	138°26'	55°26'	268°00'
03.09.2047	160°27'	324°13'	330°40'	182°09'	126°20'	139°04'	55°28'	268°00'
04.09.2047	161°25'	337°04'	343°25'	183°37'	126°34'	139°42'	55°30'	268°00'
05.09.2047	162°23'	349°42'	355°57'	185°03'	126°50'	140°21'	55°32'	268°00'
06.09.2047	163°21'	2°09'	8°17'	186°27'	127°08'	140°59'	55°34'	268°00'
07.09.2047	164°20'	14°23'	20°27'	187°50'	127°28'	141°37'	55°36'	268°01'
08.09.2047	165°18'	26°28'	32°27'	189°12'	127°49'	142°15'	55°37'	268°01'
09.09.2047	166°16'	38°24'	44°20'	190°32'	128°13'	142°53'	55°38'	268°02'
10.09.2047	167°14'	50°15'	56°10'	191°51'	128°38'	143°31'	55°39'	268°03'
11.09.2047	168°13'	62°06'	68°02'	193°08'	129°05'	144°09'	55°40'	268°04'
12.09.2047	169°11'	73°59'	79°59'	194°24'	129°33'	144°47'	55°41'	268°05'
13.09.2047	170°09'	86°02'	92°08'	195°38'	130°03'	145°25'	55°41'	268°06'
14.09.2047	171°08'	98°18'	104°33'	196°50'	130°35'	146°03'	55°41'	268°07'
15.09.2047	172°06'	110°54'	117°20'	198°01'	131°08'	146°41'	55°41'	268°08'
16.09.2047	173°05'	123°53'	130°32'	199°09'	131°42'	147°18'	55°41'	268°09'
17.09.2047	174°03'	137°18'	144°11'	200°16'	132°17'	147°56'	55°41'	268°11'
18.09.2047	175°02'	151°11'	158°17'	201°20'	132°54'	148°34'	55°40'	268°12'
19.09.2047	176°00'	165°29'	172°46'	202°22'	133°32'	149°12'	55°39'	268°14'
20.09.2047	176°59'	180°07'	187°32'	203°22'	134°11'	149°50'	55°38'	268°16'
21.09.2047	177°57'	194°59'	202°26'	204°19'	134°52'	150°28'	55°37'	268°17'
22.09.2047	178°56'	209°54'	217°21'	205°13'	135°33'	151°05'	55°36'	268°19'
23.09.2047	179°55'	224°45'	232°06'	206°04'	136°16'	151°43'	55°34'	268°21'
24.09.2047	180°53'	239°23'	246°36'	206°52'	136°59'	152°21'	55°32'	268°23'
25.09.2047	181°52'	253°45'	260°48'	207°37'	137°44'	152°58'	55°30'	268°26'
26.09.2047	182°51'	267°47'	274°41'	208°17'	138°29'	153°36'	55°28'	268°28'
27.09.2047	183°50'	281°30'	288°14'	208°54'	139°16'	154°14'	55°26'	268°30'
28.09.2047	184°49'	294°54'	301°30'	209°26'	140°03'	154°51'	55°23'	268°33'
29.09.2047	185°48'	308°03'	314°32'	209°53'	140°51'	155°29'	55°20'	268°35'
30.09.2047	186°46'	320°58'	327°21'	210°15'	141°40'	156°07'	55°17'	268°38'

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01.10.2047	187°45'	333°41'	339°59'	210°31'	142°29'	156°44'	55°14'	268°41'
02.10.2047	188°44'	346°14'	352°26'	210°41'	143°20'	157°22'	55°11'	268°44'
03.10.2047	189°43'	358°36'	4°45'	210°45'	144°11'	157°59'	55°07'	268°47'
04.10.2047	190°42'	10°51'	16°54'	210°42'	145°03'	158°37'	55°03'	268°50'
05.10.2047	191°41'	22°56'	28°56'	210°31'	145°55'	159°14'	55°00'	268°53'
06.10.2047	192°40'	34°55'	40°52'	210°13'	146°49'	159°51'	54°55'	268°56'
07.10.2047	193°40'	46°48'	52°43'	209°46'	147°43'	160°29'	54°51'	268°59'
08.10.2047	194°39'	58°37'	64°31'	209°12'	148°37'	161°06'	54°47'	269°02'
09.10.2047	195°38'	70°26'	76°21'	208°30'	149°32'	161°44'	54°42'	269°06'
10.10.2047	196°37'	82°18'	88°17'	207°41'	150°28'	162°21'	54°37'	269°09'
11.10.2047	197°36'	94°18'	100°23'	206°44'	151°24'	162°58'	54°32'	269°13'
12.10.2047	198°36'	106°31'	112°44'	205°42'	152°21'	163°36'	54°27'	269°17'
13.10.2047	199°35'	119°03'	125°27'	204°34'	153°19'	164°13'	54°22'	269°20'
14.10.2047	200°34'	131°58'	138°36'	203°23'	154°16'	164°50'	54°16'	269°24'
15.10.2047	201°34'	145°21'	152°13'	202°11'	155°15'	165°28'	54°10'	269°28'
16.10.2047	202°33'	159°13'	166°21'	200°59'	156°14'	166°05'	54°05'	269°32'
17.10.2047	203°33'	173°35'	180°56'	199°49'	157°13'	166°42'	53°59'	269°36'
18.10.2047	204°32'	188°23'	195°54'	198°44'	158°13'	167°19'	53°53'	269°41'
19.10.2047	205°32'	203°29'	211°05'	197°45'	159°13'	167°56'	53°46'	269°45'
20.10.2047	206°32'	218°43'	226°19'	196°55'	160°14'	168°34'	53°40'	269°49'
21.10.2047	207°31'	233°54'	241°25'	196°14'	161°15'	169°11'	53°33'	269°53'
22.10.2047	208°31'	248°52'	256°14'	195°43'	162°16'	169°48'	53°27'	269°58'
23.10.2047	209°31'	263°30'	270°40'	195°24'	163°18'	170°25'	53°20'	270°03'
24.10.2047	210°30'	277°43'	284°41'	195°16'	164°20'	171°02'	53°13'	270°07'
25.10.2047	211°30'	291°32'	298°17'	195°19'	165°23'	171°39'	53°06'	270°12'
26.10.2047	212°30'	304°56'	311°31'	195°33'	166°26'	172°16'	52°59'	270°17'
27.10.2047	213°30'	318°00'	324°25'	195°57'	167°29'	172°53'	52°51'	270°21'
28.10.2047	214°30'	330°45'	337°03'	196°31'	168°32'	173°30'	52°44'	270°26'
29.10.2047	215°29'	343°16'	349°27'	197°13'	169°36'	174°07'	52°37'	270°31'
30.10.2047	216°29'	355°36'	1°42'	198°04'	170°40'	174°44'	52°29'	270°36'
31.10.2047	217°29'	7°46'	13°48'	199°01'	171°45'	175°21'	52°21'	270°41'
01.11.2047	218°29'	19°49'	25°49'	200°05'	172°50'	175°57'	52°14'	270°47'
02.11.2047	219°29'	31°47'	37°44'	201°15'	173°55'	176°34'	52°06'	270°52'
03.11.2047	220°29'	43°40'	49°36'	202°29'	175°00'	177°11'	51°58'	270°57'
04.11.2047	221°29'	55°31'	61°25'	203°47'	176°06'	177°48'	51°50'	271°02'
05.11.2047	222°29'	67°20'	73°15'	205°08'	177°12'	178°24'	51°42'	271°08'
06.11.2047	223°29'	79°11'	85°07'	206°33'	178°18'	179°01'	51°34'	271°13'
07.11.2047	224°30'	91°05'	97°05'	208°00'	179°24'	179°38'	51°26'	271°19'
08.11.2047	225°30'	103°07'	109°12'	209°29'	180°31'	180°15'	51°18'	271°24'
09.11.2047	226°30'	115°21'	121°33'	210°59'	181°38'	180°51'	51°10'	271°30'
10.11.2047	227°30'	127°50'	134°13'	212°31'	182°45'	181°28'	51°02'	271°36'
11.11.2047	228°31'	140°41'	147°15'	214°04'	183°52'	182°04'	50°54'	271°42'
12.11.2047	229°31'	153°56'	160°44'	215°38'	185°00'	182°41'	50°46'	271°47'
13.11.2047	230°31'	167°40'	174°42'	217°12'	186°08'	183°18'	50°37'	271°53'
14.11.2047	231°32'	181°52'	189°09'	218°47'	187°16'	183°54'	50°29'	271°59'
15.11.2047	232°32'	196°32'	204°01'	220°22'	188°24'	184°31'	50°21'	272°05'
16.11.2047	233°32'	211°34'	219°10'	221°58'	189°32'	185°07'	50°13'	272°11'
17.11.2047	234°33'	226°49'	234°28'	223°33'	190°41'	185°43'	50°05'	272°17'
18.11.2047	235°33'	242°06'	249°43'	225°09'	191°50'	186°20'	49°57'	272°23'
19.11.2047	236°34'	257°16'	264°45'	226°45'	192°59'	186°56'	49°49'	272°29'
20.11.2047	237°34'	272°08'	279°25'	228°21'	194°08'	187°32'	49°41'	272°36'
21.11.2047	238°35'	286°36'	293°40'	229°56'	195°17'	188°09'	49°33'	272°42'
22.11.2047	239°36'	300°37'	307°28'	231°32'	196°27'	188°45'	49°25'	272°48'
23.11.2047	240°36'	314°11'	320°48'	233°08'	197°36'	189°21'	49°17'	272°55'
24.11.2047	241°37'	327°19'	333°45'	234°43'	198°46'	189°57'	49°09'	273°01'

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25.11.2047	242°38'	340°05'	346°21'	236°18'	199°56'	190°34'	49°01'	273°07'
26.11.2047	243°38'	352°33'	358°41'	237°54'	201°06'	191°10'	48°54'	273°14'
27.11.2047	244°39'	4°47'	10°49'	239°29'	202°16'	191°46'	48°46'	273°20'
28.11.2047	245°40'	16°50'	22°49'	241°03'	203°27'	192°22'	48°38'	273°27'
29.11.2047	246°40'	28°46'	34°42'	242°38'	204°37'	192°58'	48°31'	273°33'
30.11.2047	247°41'	40°38'	46°33'	244°13'	205°48'	193°34'	48°24'	273°40'
01.12.2047	248°42'	52°28'	58°24'	245°47'	206°58'	194°10'	48°17'	273°47'
02.12.2047	249°43'	64°19'	70°15'	247°22'	208°09'	194°46'	48°09'	273°53'
03.12.2047	250°43'	76°12'	82°10'	248°56'	209°20'	195°21'	48°02'	274°00'
04.12.2047	251°44'	88°09'	94°10'	250°31'	210°31'	195°57'	47°56'	274°07'
05.12.2047	252°45'	100°12'	106°16'	252°05'	211°43'	196°33'	47°49'	274°13'
06.12.2047	253°46'	112°23'	118°32'	253°39'	212°54'	197°09'	47°42'	274°20'
07.12.2047	254°47'	124°45'	131°01'	255°13'	214°06'	197°45'	47°36'	274°27'
08.12.2047	255°48'	137°21'	143°45'	256°47'	215°17'	198°20'	47°30'	274°34'
09.12.2047	256°49'	150°13'	156°47'	258°22'	216°29'	198°56'	47°23'	274°41'
10.12.2047	257°50'	163°26'	170°10'	259°56'	217°41'	199°31'	47°17'	274°48'
11.12.2047	258°51'	177°01'	183°57'	261°30'	218°52'	200°07'	47°11'	274°55'
12.12.2047	259°52'	190°59'	198°07'	263°05'	220°04'	200°42'	47°06'	275°01'
13.12.2047	260°53'	205°21'	212°40'	264°39'	221°16'	201°18'	47°00'	275°08'
14.12.2047	261°54'	220°04'	227°31'	266°13'	222°29'	201°53'	46°55'	275°15'
15.12.2047	262°55'	235°01'	242°33'	267°48'	223°41'	202°29'	46°49'	275°22'
16.12.2047	263°56'	250°06'	257°38'	269°23'	224°53'	203°04'	46°44'	275°29'
17.12.2047	264°57'	265°09'	272°37'	270°58'	226°06'	203°39'	46°39'	275°36'
18.12.2047	265°58'	280°02'	287°21'	272°32'	227°18'	204°14'	46°35'	275°43'
19.12.2047	266°59'	294°36'	301°44'	274°07'	228°31'	204°50'	46°30'	275°50'
20.12.2047	268°00'	308°46'	315°41'	275°43'	229°43'	205°25'	46°26'	275°57'
21.12.2047	269°01'	322°30'	329°12'	277°18'	230°56'	206°00'	46°22'	276°05'
22.12.2047	270°02'	335°48'	342°17'	278°53'	232°09'	206°35'	46°18'	276°12'
23.12.2047	271°03'	348°40'	354°59'	280°29'	233°22'	207°10'	46°14'	276°19'
24.12.2047	272°04'	1°12'	7°21'	282°04'	234°34'	207°45'	46°10'	276°26'
25.12.2047	273°06'	13°26'	19°28'	283°40'	235°47'	208°20'	46°07'	276°33'
26.12.2047	274°07'	25°28'	31°26'	285°15'	237°00'	208°54'	46°04'	276°40'
27.12.2047	275°08'	37°22'	43°17'	286°51'	238°13'	209°29'	46°01'	276°47'
28.12.2047	276°09'	49°11'	55°06'	288°26'	239°27'	210°04'	45°58'	276°54'
29.12.2047	277°10'	61°01'	66°57'	290°01'	240°40'	210°38'	45°55'	277°01'
30.12.2047	278°11'	72°54'	78°52'	291°36'	241°53'	211°13'	45°53'	277°08'
31.12.2047	279°12'	84°52'	90°54'	293°11'	243°06'	211°47'	45°51'	277°15'
01.01.2048	280°13'	96°59'	103°06'	294°45'	244°19'	212°22'	45°49'	277°23'
02.01.2048	281°15'	109°15'	115°27'	296°18'	245°33'	212°56'	45°47'	277°30'
03.01.2048	282°16'	121°43'	128°01'	297°51'	246°46'	213°30'	45°46'	277°37'
04.01.2048	283°17'	134°22'	140°47'	299°22'	248°00'	214°05'	45°44'	277°44'
05.01.2048	284°18'	147°15'	153°46'	300°53'	249°13'	214°39'	45°43'	277°51'
06.01.2048	285°19'	160°21'	167°00'	302°22'	250°27'	215°13'	45°42'	277°58'
07.01.2048	286°20'	173°42'	180°28'	303°49'	251°40'	215°47'	45°41'	278°05'
08.01.2048	287°21'	187°18'	194°12'	305°14'	252°54'	216°21'	45°41'	278°12'
09.01.2048	288°23'	201°10'	208°11'	306°36'	254°08'	216°55'	45°40'	278°19'
10.01.2048	289°24'	215°17'	222°25'	307°55'	255°21'	217°29'	45°40'	278°26'
11.01.2048	290°25'	229°37'	236°52'	309°10'	256°35'	218°02'	45°40'	278°33'
12.01.2048	291°26'	244°09'	251°27'	310°20'	257°49'	218°36'	45°41'	278°40'
13.01.2048	292°27'	258°47'	266°07'	311°26'	259°03'	219°10'	45°41'	278°47'
14.01.2048	293°28'	273°27'	280°45'	312°26'	260°17'	219°43'	45°42'	278°54'
15.01.2048	294°29'	288°02'	295°15'	313°19'	261°31'	220°17'	45°43'	279°01'
16.01.2048	295°31'	302°25'	309°31'	314°04'	262°45'	220°50'	45°44'	279°08'
17.01.2048	296°32'	316°32'	323°27'	314°41'	263°58'	221°23'	45°45'	279°15'
18.01.2048	297°33'	330°17'	337°01'	315°09'	265°12'	221°56'	45°47'	279°22'

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19.01.2048	298°34'	343°38'	350°10'	315°26'	266°26'	222°30'	45°49'	279°29'
20.01.2048	299°35'	356°37'	2°58'	315°32'	267°40'	223°02'	45°50'	279°35'
21.01.2048	300°36'	9°13'	15°24'	315°28'	268°54'	223°35'	45°53'	279°42'
22.01.2048	301°37'	21°31'	27°34'	315°11'	270°08'	224°08'	45°55'	279°49'
23.01.2048	302°38'	33°35'	39°33'	314°43'	271°23'	224°41'	45°58'	279°56'
24.01.2048	303°39'	45°29'	51°24'	314°04'	272°37'	225°14'	46°00'	280°02'
25.01.2048	304°40'	57°18'	63°13'	313°14'	273°51'	225°46'	46°03'	280°09'
26.01.2048	305°41'	69°08'	75°04'	312°15'	275°05'	226°18'	46°06'	280°16'
27.01.2048	306°42'	81°03'	87°03'	311°09'	276°19'	226°51'	46°10'	280°22'
28.01.2048	307°43'	93°06'	99°13'	309°58'	277°33'	227°23'	46°13'	280°29'
29.01.2048	308°44'	105°22'	111°36'	308°43'	278°47'	227°55'	46°17'	280°36'
30.01.2048	309°45'	117°53'	124°14'	307°28'	280°01'	228°27'	46°21'	280°42'
31.01.2048	310°46'	130°39'	137°08'	306°13'	281°16'	228°59'	46°25'	280°49'
01.02.2048	311°47'	143°41'	150°18'	305°02'	282°30'	229°31'	46°29'	280°55'
02.02.2048	312°48'	156°58'	163°42'	303°56'	283°44'	230°02'	46°34'	281°01'
03.02.2048	313°49'	170°29'	177°19'	302°56'	284°58'	230°34'	46°38'	281°08'
04.02.2048	314°50'	184°11'	191°06'	302°04'	286°13'	231°05'	46°43'	281°14'
05.02.2048	315°50'	198°02'	205°01'	301°19'	287°27'	231°37'	46°48'	281°20'
06.02.2048	316°51'	212°01'	219°02'	300°43'	288°41'	232°08'	46°53'	281°27'
07.02.2048	317°52'	226°05'	233°08'	300°15'	289°56'	232°39'	46°59'	281°33'
08.02.2048	318°53'	240°13'	247°18'	299°56'	291°10'	233°10'	47°04'	281°39'
09.02.2048	319°54'	254°24'	261°30'	299°45'	292°24'	233°41'	47°10'	281°45'
10.02.2048	320°54'	268°36'	275°41'	299°42'	293°39'	234°11'	47°16'	281°51'
11.02.2048	321°55'	282°47'	289°51'	299°46'	294°53'	234°42'	47°22'	281°57'
12.02.2048	322°56'	296°54'	303°54'	299°57'	296°07'	235°12'	47°28'	282°03'
13.02.2048	323°57'	310°53'	317°48'	300°14'	297°22'	235°42'	47°35'	282°09'
14.02.2048	324°57'	324°41'	331°29'	300°37'	298°36'	236°13'	47°41'	282°15'
15.02.2048	325°58'	338°13'	344°53'	301°06'	299°50'	236°42'	47°48'	282°21'
16.02.2048	326°59'	351°28'	357°58'	301°39'	301°05'	237°12'	47°55'	282°26'
17.02.2048	327°59'	4°23'	10°44'	302°17'	302°19'	237°42'	48°02'	282°32'
18.02.2048	329°00'	17°00'	23°11'	303°00'	303°34'	238°11'	48°09'	282°38'
19.02.2048	330°00'	29°18'	35°22'	303°46'	304°48'	238°41'	48°16'	282°43'
20.02.2048	331°01'	41°23'	47°21'	304°37'	306°02'	239°10'	48°24'	282°49'
21.02.2048	332°01'	53°17'	59°12'	305°30'	307°17'	239°39'	48°31'	282°54'
22.02.2048	333°02'	65°07'	71°01'	306°26'	308°31'	240°07'	48°39'	283°00'
23.02.2048	334°02'	76°56'	82°53'	307°26'	309°45'	240°36'	48°47'	283°05'
24.02.2048	335°03'	88°51'	94°53'	308°28'	311°00'	241°04'	48°55'	283°10'
25.02.2048	336°03'	100°57'	107°06'	309°32'	312°14'	241°33'	49°03'	283°15'
26.02.2048	337°04'	113°18'	119°36'	310°39'	313°29'	242°01'	49°12'	283°21'
27.02.2048	338°04'	125°58'	132°26'	311°47'	314°43'	242°28'	49°20'	283°26'
28.02.2048	339°04'	138°59'	145°38'	312°58'	315°57'	242°56'	49°29'	283°31'
29.02.2048	340°04'	152°22'	159°11'	314°11'	317°12'	243°23'	49°38'	283°36'
01.03.2048	341°05'	166°04'	173°01'	315°26'	318°26'	243°51'	49°47'	283°41'
02.03.2048	342°05'	180°03'	187°07'	316°42'	319°41'	244°18'	49°56'	283°45'
03.03.2048	343°05'	194°13'	201°21'	318°00'	320°55'	244°44'	50°05'	283°50'
04.03.2048	344°05'	208°29'	215°39'	319°19'	322°09'	245°11'	50°14'	283°55'
05.03.2048	345°05'	222°47'	229°56'	320°40'	323°24'	245°37'	50°23'	283°59'
06.03.2048	346°05'	237°03'	244°09'	322°02'	324°38'	246°04'	50°33'	284°04'
07.03.2048	347°05'	251°13'	258°16'	323°26'	325°52'	246°29'	50°43'	284°08'
08.03.2048	348°05'	265°17'	272°16'	324°51'	327°07'	246°55'	50°52'	284°13'
09.03.2048	349°05'	279°14'	286°09'	326°18'	328°21'	247°21'	51°02'	284°17'
10.03.2048	350°05'	293°03'	299°54'	327°45'	329°36'	247°46'	51°12'	284°21'
11.03.2048	351°05'	306°44'	313°32'	329°14'	330°50'	248°11'	51°22'	284°25'
12.03.2048	352°05'	320°17'	327°00'	330°45'	332°04'	248°35'	51°33'	284°29'
13.03.2048	353°05'	333°40'	340°17'	332°16'	333°19'	248°59'	51°43'	284°33'

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14.03.2048	354°05'	346°51'	353°21'	333°49'	334°33'	249°23'	51°53'	284°37'
15.03.2048	355°05'	359°48'	6°12'	335°23'	335°48'	249°47'	52°04'	284°41'
16.03.2048	356°05'	12°32'	18°47'	336°58'	337°02'	250°11'	52°15'	284°45'
17.03.2048	357°04'	25°00'	31°08'	338°35'	338°16'	250°34'	52°25'	284°48'
18.03.2048	358°04'	37°14'	43°16'	340°12'	339°31'	250°57'	52°36'	284°52'
19.03.2048	359°04'	49°16'	55°13'	341°51'	340°45'	251°19'	52°47'	284°55'
20.03.2048	0°04'	61°09'	67°03'	343°31'	341°59'	251°41'	52°58'	284°59'
21.03.2048	1°03'	72°57'	78°51'	345°13'	343°14'	252°03'	53°09'	285°02'
22.03.2048	2°03'	84°46'	90°42'	346°55'	344°28'	252°25'	53°21'	285°05'
23.03.2048	3°02'	96°40'	102°40'	348°39'	345°42'	252°46'	53°32'	285°08'
24.03.2048	4°02'	108°45'	114°53'	350°24'	346°57'	253°07'	53°43'	285°12'
25.03.2048	5°01'	121°06'	127°25'	352°11'	348°11'	253°27'	53°55'	285°14'
26.03.2048	6°01'	133°49'	140°19'	353°59'	349°25'	253°47'	54°06'	285°17'
27.03.2048	7°00'	146°56'	153°39'	355°48'	350°39'	254°07'	54°18'	285°20'
28.03.2048	7°59'	160°29'	167°26'	357°38'	351°54'	254°26'	54°30'	285°23'
29.03.2048	8°59'	174°28'	181°36'	359°30'	353°08'	254°45'	54°42'	285°25'
30.03.2048	9°58'	188°48'	196°04'	1°23'	354°22'	255°04'	54°54'	285°28'
31.03.2048	10°57'	203°24'	210°45'	3°17'	355°36'	255°22'	55°06'	285°30'
01.04.2048	11°57'	218°07'	225°29'	5°13'	356°51'	255°40'	55°18'	285°33'
02.04.2048	12°56'	232°51'	240°10'	7°10'	358°05'	255°57'	55°30'	285°35'
03.04.2048	13°55'	247°28'	254°42'	9°09'	359°19'	256°14'	55°42'	285°37'
04.04.2048	14°54'	261°53'	269°00'	11°08'	0°33'	256°30'	55°54'	285°39'
05.04.2048	15°53'	276°04'	283°03'	13°09'	1°48'	256°46'	56°07'	285°41'
06.04.2048	16°52'	289°59'	296°51'	15°11'	3°02'	257°02'	56°19'	285°43'
07.04.2048	17°51'	303°39'	310°24'	17°14'	4°16'	257°17'	56°31'	285°45'
08.04.2048	18°50'	317°06'	323°44'	19°18'	5°30'	257°31'	56°44'	285°46'
09.04.2048	19°49'	330°19'	336°51'	21°22'	6°44'	257°45'	56°57'	285°48'
10.04.2048	20°48'	343°20'	349°46'	23°27'	7°59'	257°59'	57°09'	285°49'
11.04.2048	21°47'	356°09'	2°30'	25°33'	9°13'	258°12'	57°22'	285°51'
12.04.2048	22°46'	8°47'	15°02'	27°39'	10°27'	258°24'	57°35'	285°52'
13.04.2048	23°45'	21°14'	27°23'	29°45'	11°41'	258°36'	57°48'	285°53'
14.04.2048	24°44'	33°29'	39°33'	31°50'	12°55'	258°47'	58°01'	285°54'
15.04.2048	25°42'	45°34'	51°33'	33°55'	14°09'	258°58'	58°14'	285°55'
16.04.2048	26°41'	57°31'	63°26'	35°59'	15°23'	259°08'	58°27'	285°56'
17.04.2048	27°40'	69°21'	75°14'	38°02'	16°38'	259°17'	58°40'	285°57'
18.04.2048	28°39'	81°08'	87°01'	40°03'	17°52'	259°26'	58°53'	285°57'
19.04.2048	29°37'	92°55'	98°51'	42°02'	19°06'	259°35'	59°06'	285°58'
20.04.2048	30°36'	104°48'	110°48'	43°59'	20°20'	259°42'	59°19'	285°58'
21.04.2048	31°34'	116°52'	122°59'	45°53'	21°34'	259°49'	59°32'	285°59'
22.04.2048	32°33'	129°11'	135°29'	47°45'	22°48'	259°56'	59°46'	285°59'
23.04.2048	33°32'	141°52'	148°21'	49°33'	24°02'	260°01'	59°59'	285°59'
24.04.2048	34°30'	154°57'	161°41'	51°18'	25°16'	260°06'	60°12'	285°59'
25.04.2048	35°28'	168°31'	175°29'	52°59'	26°30'	260°11'	60°26'	285°59'
26.04.2048	36°27'	182°33'	189°44'	54°36'	27°44'	260°14'	60°39'	285°59'
27.04.2048	37°25'	197°01'	204°24'	56°10'	28°58'	260°17'	60°53'	285°59'
28.04.2048	38°24'	211°50'	219°20'	57°39'	30°12'	260°20'	61°06'	285°59'
29.04.2048	39°22'	226°52'	234°24'	59°04'	31°26'	260°21'	61°20'	285°58'
30.04.2048	40°20'	241°57'	249°27'	60°25'	32°40'	260°22'	61°33'	285°58'
01.05.2048	41°18'	256°55'	264°20'	61°42'	33°54'	260°22'	61°47'	285°57'
02.05.2048	42°17'	271°41'	278°57'	62°53'	35°08'	260°22'	62°01'	285°57'
03.05.2048	43°15'	286°07'	293°13'	64°01'	36°22'	260°20'	62°14'	285°56'
04.05.2048	44°13'	300°13'	307°07'	65°03'	37°36'	260°18'	62°28'	285°55'
05.05.2048	45°11'	313°56'	320°40'	66°01'	38°50'	260°16'	62°42'	285°54'
06.05.2048	46°09'	327°19'	333°54'	66°54'	40°04'	260°12'	62°56'	285°53'
07.05.2048	47°07'	340°24'	346°50'	67°42'	41°18'	260°08'	63°10'	285°52'

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08.05.2048	48°05'	353°12'	359°30'	68°25'	42°31'	260°02'	63°23'	285°50'
09.05.2048	49°03'	5°46'	11°58'	69°03'	43°45'	259°56'	63°37'	285°49'
10.05.2048	50°01'	18°08'	24°15'	69°36'	44°59'	259°50'	63°51'	285°48'
11.05.2048	50°59'	30°19'	36°22'	70°04'	46°13'	259°42'	64°05'	285°46'
12.05.2048	51°57'	42°22'	48°21'	70°27'	47°27'	259°34'	64°19'	285°44'
13.05.2048	52°55'	54°18'	60°14'	70°45'	48°41'	259°25'	64°33'	285°43'
14.05.2048	53°53'	66°09'	72°03'	70°57'	49°55'	259°15'	64°47'	285°41'
15.05.2048	54°51'	77°56'	83°50'	71°05'	51°09'	259°05'	65°01'	285°39'
16.05.2048	55°49'	89°43'	95°37'	71°08'	52°23'	258°54'	65°15'	285°37'
17.05.2048	56°47'	101°32'	107°29'	71°06'	53°36'	258°42'	65°29'	285°35'
18.05.2048	57°45'	113°27'	119°28'	70°59'	54°50'	258°29'	65°43'	285°33'
19.05.2048	58°43'	125°32'	131°40'	70°48'	56°04'	258°16'	65°57'	285°30'
20.05.2048	59°40'	137°52'	144°08'	70°32'	57°18'	258°02'	66°11'	285°28'
21.05.2048	60°38'	150°30'	156°58'	70°13'	58°32'	257°48'	66°25'	285°26'
22.05.2048	61°36'	163°32'	170°12'	69°50'	59°46'	257°32'	66°39'	285°23'
23.05.2048	62°34'	176°59'	183°54'	69°24'	60°59'	257°17'	66°53'	285°21'
24.05.2048	63°31'	190°55'	198°03'	68°55'	62°13'	257°01'	67°07'	285°18'
25.05.2048	64°29'	205°18'	212°39'	68°24'	63°27'	256°44'	67°21'	285°15'
26.05.2048	65°26'	220°05'	227°35'	67°52'	64°41'	256°27'	67°35'	285°12'
27.05.2048	66°24'	235°09'	242°45'	67°18'	65°54'	256°09'	67°49'	285°10'
28.05.2048	67°22'	250°21'	257°58'	66°44'	67°08'	255°51'	68°03'	285°07'
29.05.2048	68°19'	265°33'	273°05'	66°11'	68°22'	255°32'	68°17'	285°04'
30.05.2048	69°17'	280°33'	287°57'	65°37'	69°36'	255°13'	68°31'	285°00'
31.05.2048	70°14'	295°16'	302°29'	65°06'	70°49'	254°54'	68°45'	284°57'
01.06.2048	71°12'	309°35'	316°35'	64°36'	72°03'	254°34'	68°59'	284°54'
02.06.2048	72°09'	323°29'	330°17'	64°08'	73°17'	254°15'	69°13'	284°51'
03.06.2048	73°07'	336°58'	343°33'	63°43'	74°31'	253°55'	69°27'	284°47'
04.06.2048	74°04'	350°03'	356°27'	63°21'	75°44'	253°35'	69°41'	284°44'
05.06.2048	75°02'	2°47'	9°02'	63°03'	76°58'	253°14'	69°55'	284°40'
06.06.2048	75°59'	15°13'	21°21'	62°49'	78°12'	252°54'	70°09'	284°37'
07.06.2048	76°56'	27°26'	33°28'	62°38'	79°26'	252°34'	70°23'	284°33'
08.06.2048	77°54'	39°27'	45°25'	62°32'	80°39'	252°13'	70°37'	284°30'
09.06.2048	78°51'	51°22'	57°17'	62°30'	81°53'	251°53'	70°51'	284°26'
10.06.2048	79°49'	63°11'	69°05'	62°33'	83°07'	251°33'	71°05'	284°22'
11.06.2048	80°46'	74°59'	80°52'	62°40'	84°21'	251°13'	71°19'	284°18'
12.06.2048	81°43'	86°46'	92°41'	62°52'	85°34'	250°53'	71°33'	284°14'
13.06.2048	82°41'	98°36'	104°32'	63°08'	86°48'	250°34'	71°47'	284°10'
14.06.2048	83°38'	110°31'	116°30'	63°29'	88°02'	250°15'	72°01'	284°06'
15.06.2048	84°36'	122°32'	128°37'	63°54'	89°16'	249°56'	72°15'	284°02'
16.06.2048	85°33'	134°44'	140°55'	64°23'	90°29'	249°38'	72°29'	283°58'
17.06.2048	86°30'	147°09'	153°28'	64°57'	91°43'	249°20'	72°43'	283°54'
18.06.2048	87°27'	159°51'	166°18'	65°35'	92°57'	249°02'	72°56'	283°50'
19.06.2048	88°25'	172°51'	179°30'	66°18'	94°10'	248°45'	73°10'	283°46'
20.06.2048	89°22'	186°14'	193°04'	67°04'	95°24'	248°29'	73°24'	283°42'
21.06.2048	90°19'	200°01'	207°03'	67°55'	96°38'	248°13'	73°38'	283°38'
22.06.2048	91°17'	214°11'	221°26'	68°50'	97°52'	247°58'	73°51'	283°33'
23.06.2048	92°14'	228°45'	236°09'	69°48'	99°05'	247°43'	74°05'	283°29'
24.06.2048	93°11'	243°37'	251°08'	70°50'	100°19'	247°29'	74°19'	283°25'
25.06.2048	94°08'	258°41'	266°16'	71°57'	101°33'	247°16'	74°32'	283°20'
26.06.2048	95°05'	273°50'	281°22'	73°07'	102°46'	247°04'	74°46'	283°16'
27.06.2048	96°03'	288°53'	296°20'	74°20'	104°00'	246°52'	74°59'	283°12'
28.06.2048	97°00'	303°42'	310°59'	75°38'	105°14'	246°41'	75°13'	283°07'
29.06.2048	97°57'	318°11'	325°16'	76°59'	106°27'	246°31'	75°26'	283°03'
30.06.2048	98°54'	332°14'	339°06'	78°24'	107°41'	246°21'	75°40'	282°58'
01.07.2048	99°51'	345°51'	352°29'	79°52'	108°55'	246°13'	75°53'	282°54'

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02.07.2048	100°49'	359°01'	5°27'	81°23'	110°08'	246°05'	76°06'	282°50'
03.07.2048	101°46'	11°47'	18°02'	82°59'	111°22'	245°58'	76°20'	282°45'
04.07.2048	102°43'	24°12'	30°19'	84°37'	112°36'	245°51'	76°33'	282°41'
05.07.2048	103°40'	36°22'	42°22'	86°19'	113°49'	245°46'	76°46'	282°36'
06.07.2048	104°37'	48°19'	54°15'	88°04'	115°03'	245°41'	76°59'	282°32'
07.07.2048	105°35'	60°10'	66°03'	89°52'	116°17'	245°38'	77°12'	282°27'
08.07.2048	106°32'	71°57'	77°50'	91°43'	117°31'	245°35'	77°26'	282°23'
09.07.2048	107°29'	83°44'	89°39'	93°37'	118°44'	245°33'	77°39'	282°19'
10.07.2048	108°26'	95°34'	101°32'	95°34'	119°58'	245°31'	77°52'	282°14'
11.07.2048	109°24'	107°31'	113°32'	97°33'	121°12'	245°31'	78°04'	282°10'
12.07.2048	110°21'	119°35'	125°41'	99°34'	122°25'	245°32'	78°17'	282°05'
13.07.2048	111°18'	131°50'	138°01'	101°37'	123°39'	245°33'	78°30'	282°01'
14.07.2048	112°15'	144°15'	150°32'	103°42'	124°53'	245°35'	78°43'	281°57'
15.07.2048	113°13'	156°53'	163°17'	105°48'	126°06'	245°38'	78°56'	281°52'
16.07.2048	114°10'	169°45'	176°16'	107°56'	127°20'	245°42'	79°08'	281°48'
17.07.2048	115°07'	182°52'	189°32'	110°03'	128°34'	245°46'	79°21'	281°44'
18.07.2048	116°04'	196°16'	203°04'	112°12'	129°47'	245°52'	79°33'	281°40'
19.07.2048	117°02'	209°57'	216°55'	114°20'	131°01'	245°58'	79°46'	281°35'
20.07.2048	117°59'	223°57'	231°04'	116°29'	132°15'	246°05'	79°58'	281°31'
21.07.2048	118°56'	238°14'	245°29'	118°37'	133°28'	246°13'	80°11'	281°27'
22.07.2048	119°53'	252°47'	260°09'	120°44'	134°42'	246°21'	80°23'	281°23'
23.07.2048	120°51'	267°33'	274°58'	122°51'	135°56'	246°31'	80°35'	281°19'
24.07.2048	121°48'	282°24'	289°50'	124°56'	137°09'	246°41'	80°47'	281°15'
25.07.2048	122°45'	297°15'	304°37'	127°01'	138°23'	246°52'	80°59'	281°11'
26.07.2048	123°42'	311°57'	319°13'	129°04'	139°36'	247°03'	81°11'	281°07'
27.07.2048	124°40'	326°24'	333°29'	131°06'	140°50'	247°15'	81°23'	281°03'
28.07.2048	125°37'	340°28'	347°22'	133°06'	142°04'	247°28'	81°35'	280°59'
29.07.2048	126°34'	354°08'	0°48'	135°05'	143°17'	247°42'	81°47'	280°56'
30.07.2048	127°32'	7°22'	13°49'	137°02'	144°31'	247°56'	81°59'	280°52'
31.07.2048	128°29'	20°11'	26°27'	138°58'	145°44'	248°11'	82°10'	280°48'
01.08.2048	129°26'	32°38'	38°45'	140°52'	146°58'	248°26'	82°22'	280°45'
02.08.2048	130°24'	44°48'	50°48'	142°44'	148°12'	248°43'	82°33'	280°41'
03.08.2048	131°21'	56°45'	62°40'	144°35'	149°25'	248°59'	82°45'	280°38'
04.08.2048	132°19'	68°35'	74°28'	146°24'	150°39'	249°17'	82°56'	280°34'
05.08.2048	133°16'	80°22'	86°16'	148°12'	151°52'	249°35'	83°07'	280°31'
06.08.2048	134°14'	92°11'	98°08'	149°58'	153°06'	249°53'	83°18'	280°27'
07.08.2048	135°11'	104°07'	110°08'	151°42'	154°19'	250°12'	83°29'	280°24'
08.08.2048	136°09'	116°12'	122°19'	153°25'	155°33'	250°32'	83°40'	280°21'
09.08.2048	137°06'	128°29'	134°42'	155°06'	156°47'	250°53'	83°51'	280°18'
10.08.2048	138°04'	140°59'	147°19'	156°46'	158°00'	251°13'	84°02'	280°15'
11.08.2048	139°01'	153°43'	160°10'	158°24'	159°14'	251°35'	84°13'	280°12'
12.08.2048	139°59'	166°40'	173°14'	160°00'	160°27'	251°57'	84°23'	280°09'
13.08.2048	140°57'	179°51'	186°31'	161°35'	161°41'	252°19'	84°34'	280°06'
14.08.2048	141°54'	193°14'	200°00'	163°09'	162°54'	252°42'	84°44'	280°03'
15.08.2048	142°52'	206°48'	213°40'	164°41'	164°08'	253°06'	84°54'	280°01'
16.08.2048	143°49'	220°34'	227°30'	166°11'	165°21'	253°30'	85°05'	279°58'
17.08.2048	144°47'	234°30'	241°32'	167°40'	166°35'	253°54'	85°15'	279°56'
18.08.2048	145°45'	248°36'	255°43'	169°07'	167°48'	254°19'	85°25'	279°53'
19.08.2048	146°43'	262°52'	270°02'	170°32'	169°02'	254°45'	85°34'	279°51'
20.08.2048	147°40'	277°15'	284°28'	171°56'	170°15'	255°10'	85°44'	279°49'
21.08.2048	148°38'	291°43'	298°57'	173°19'	171°28'	255°37'	85°54'	279°46'
22.08.2048	149°36'	306°10'	313°23'	174°39'	172°42'	256°03'	86°03'	279°44'
23.08.2048	150°34'	320°33'	327°40'	175°58'	173°55'	256°31'	86°13'	279°42'
24.08.2048	151°31'	334°44'	341°44'	177°15'	175°09'	256°58'	86°22'	279°41'
25.08.2048	152°29'	348°39'	355°29'	178°31'	176°22'	257°26'	86°31'	279°39'

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26.08.2048	153°27'	2°13'	8°51'	179°44'	177°35'	257°54'	86°40'	279°37'
27.08.2048	154°25'	15°24'	21°51'	180°56'	178°49'	258°23'	86°49'	279°35'
28.08.2048	155°23'	28°12'	34°28'	182°05'	180°02'	258°52'	86°58'	279°34'
29.08.2048	156°21'	40°39'	46°46'	183°13'	181°15'	259°22'	87°07'	279°32'
30.08.2048	157°19'	52°50'	58°50'	184°18'	182°29'	259°51'	87°15'	279°31'
31.08.2048	158°17'	64°47'	70°43'	185°21'	183°42'	260°22'	87°24'	279°30'
01.09.2048	159°15'	76°37'	82°31'	186°21'	184°55'	260°52'	87°32'	279°28'
02.09.2048	160°13'	88°25'	94°20'	187°19'	186°08'	261°23'	87°40'	279°27'
03.09.2048	161°11'	100°16'	106°15'	188°14'	187°22'	261°54'	87°48'	279°26'
04.09.2048	162°09'	112°16'	118°20'	189°06'	188°35'	262°26'	87°56'	279°25'
05.09.2048	163°07'	124°28'	130°40'	189°55'	189°48'	262°57'	88°04'	279°25'
06.09.2048	164°05'	136°56'	143°17'	190°41'	191°01'	263°30'	88°11'	279°24'
07.09.2048	165°04'	149°42'	156°11'	191°23'	192°14'	264°02'	88°19'	279°23'
08.09.2048	166°02'	162°45'	169°23'	192°01'	193°28'	264°35'	88°26'	279°23'
09.09.2048	167°00'	176°05'	182°51'	192°35'	194°41'	265°08'	88°33'	279°22'
10.09.2048	167°59'	189°40'	196°32'	193°05'	195°54'	265°41'	88°40'	279°22'
11.09.2048	168°57'	203°27'	210°23'	193°31'	197°07'	266°15'	88°47'	279°22'
12.09.2048	169°55'	217°22'	224°21'	193°51'	198°20'	266°49'	88°54'	279°22'
13.09.2048	170°54'	231°22'	238°23'	194°06'	199°33'	267°23'	89°00'	279°22'
14.09.2048	171°52'	245°26'	252°28'	194°15'	200°46'	267°57'	89°07'	279°22'
15.09.2048	172°51'	259°31'	266°35'	194°19'	201°59'	268°32'	89°13'	279°22'
16.09.2048	173°49'	273°38'	280°41'	194°16'	203°12'	269°07'	89°19'	279°22'
17.09.2048	174°47'	287°45'	294°48'	194°06'	204°25'	269°43'	89°25'	279°23'
18.09.2048	175°46'	301°51'	308°53'	193°50'	205°38'	270°18'	89°31'	279°23'
19.09.2048	176°45'	315°53'	322°53'	193°27'	206°51'	270°54'	89°37'	279°24'
20.09.2048	177°43'	329°50'	336°45'	192°56'	208°04'	271°30'	89°42'	279°24'
21.09.2048	178°42'	343°38'	350°27'	192°19'	209°17'	272°06'	89°47'	279°25'
22.09.2048	179°40'	357°12'	3°53'	191°35'	210°30'	272°42'	89°52'	279°26'
23.09.2048	180°39'	10°30'	17°02'	190°45'	211°43'	273°19'	89°57'	279°27'
24.09.2048	181°38'	23°30'	29°52'	189°49'	212°56'	273°56'	90°02'	279°28'
25.09.2048	182°37'	36°11'	42°24'	188°49'	214°09'	274°33'	90°07'	279°29'
26.09.2048	183°35'	48°34'	54°40'	187°45'	215°21'	275°10'	90°11'	279°30'
27.09.2048	184°34'	60°42'	66°41'	186°38'	216°34'	275°48'	90°15'	279°32'
28.09.2048	185°33'	72°38'	78°34'	185°31'	217°47'	276°25'	90°20'	279°33'
29.09.2048	186°32'	84°28'	90°22'	184°25'	219°00'	277°03'	90°23'	279°35'
30.09.2048	187°31'	96°16'	102°11'	183°22'	220°12'	277°41'	90°27'	279°36'
01.10.2048	188°30'	108°08'	114°07'	182°24'	221°25'	278°19'	90°31'	279°38'
02.10.2048	189°29'	120°09'	126°14'	181°32'	222°38'	278°58'	90°34'	279°40'
03.10.2048	190°28'	132°24'	138°38'	180°47'	223°50'	279°36'	90°37'	279°42'
04.10.2048	191°27'	144°58'	151°22'	180°11'	225°03'	280°15'	90°40'	279°44'
05.10.2048	192°26'	157°53'	164°29'	179°44'	226°15'	280°54'	90°43'	279°46'
06.10.2048	193°25'	171°10'	177°57'	179°28'	227°28'	281°33'	90°46'	279°48'
07.10.2048	194°24'	184°50'	191°47'	179°22'	228°41'	282°12'	90°48'	279°51'
08.10.2048	195°24'	198°48'	205°52'	179°28'	229°53'	282°52'	90°50'	279°53'
09.10.2048	196°23'	213°00'	220°10'	179°43'	231°06'	283°32'	90°52'	279°55'
10.10.2048	197°22'	227°21'	234°33'	180°09'	232°18'	284°11'	90°54'	279°58'
11.10.2048	198°21'	241°45'	248°57'	180°44'	233°30'	284°51'	90°56'	280°01'
12.10.2048	199°21'	256°08'	263°18'	181°28'	234°43'	285°31'	90°57'	280°04'
13.10.2048	200°20'	270°26'	277°32'	182°21'	235°55'	286°12'	90°58'	280°06'
14.10.2048	201°20'	284°36'	291°38'	183°21'	237°08'	286°52'	90°59'	280°09'
15.10.2048	202°19'	298°38'	305°36'	184°27'	238°20'	287°32'	91°00'	280°12'
16.10.2048	203°18'	312°31'	319°24'	185°39'	239°32'	288°13'	91°01'	280°16'
17.10.2048	204°18'	326°14'	333°02'	186°57'	240°44'	288°54'	91°01'	280°19'
18.10.2048	205°18'	339°48'	346°30'	188°19'	241°57'	289°35'	91°01'	280°22'
19.10.2048	206°17'	353°10'	359°46'	189°45'	243°09'	290°16'	91°01'	280°25'

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20.10.2048	207°17'	6°19'	12°49'	191°13'	244°21'	290°57'	91°01'	280°29'
21.10.2048	208°16'	19°16'	25°39'	192°45'	245°33'	291°38'	91°01'	280°32'
22.10.2048	209°16'	31°58'	38°14'	194°19'	246°45'	292°20'	91°00'	280°36'
23.10.2048	210°16'	44°26'	50°35'	195°54'	247°57'	293°01'	91°00'	280°40'
24.10.2048	211°15'	56°41'	62°43'	197°31'	249°09'	293°43'	90°59'	280°44'
25.10.2048	212°15'	68°43'	74°41'	199°09'	250°21'	294°24'	90°57'	280°47'
26.10.2048	213°15'	80°37'	86°32'	200°47'	251°33'	295°06'	90°56'	280°51'
27.10.2048	214°15'	92°25'	98°19'	202°27'	252°45'	295°48'	90°55'	280°56'
28.10.2048	215°15'	104°13'	110°07'	204°06'	253°56'	296°30'	90°53'	281°00'
29.10.2048	216°14'	116°03'	122°02'	205°46'	255°08'	297°12'	90°51'	281°04'
30.10.2048	217°14'	128°03'	134°08'	207°26'	256°20'	297°54'	90°49'	281°08'
31.10.2048	218°14'	140°17'	146°31'	209°06'	257°31'	298°37'	90°46'	281°12'
01.11.2048	219°14'	152°50'	159°15'	210°46'	258°43'	299°19'	90°44'	281°17'
02.11.2048	220°14'	165°45'	172°23'	212°26'	259°55'	300°02'	90°41'	281°21'
03.11.2048	221°15'	179°07'	185°57'	214°06'	261°06'	300°44'	90°38'	281°26'
04.11.2048	222°15'	192°54'	199°57'	215°45'	262°18'	301°27'	90°35'	281°31'
05.11.2048	223°15'	207°05'	214°19'	217°24'	263°29'	302°10'	90°31'	281°35'
06.11.2048	224°15'	221°36'	228°57'	219°03'	264°40'	302°52'	90°28'	281°40'
07.11.2048	225°15'	236°21'	243°46'	220°41'	265°52'	303°35'	90°24'	281°45'
08.11.2048	226°15'	251°11'	258°36'	222°19'	267°03'	304°18'	90°20'	281°50'
09.11.2048	227°16'	265°59'	273°21'	223°57'	268°14'	305°01'	90°16'	281°55'
10.11.2048	228°16'	280°39'	287°54'	225°34'	269°25'	305°45'	90°12'	282°00'
11.11.2048	229°16'	295°06'	302°13'	227°11'	270°36'	306°28'	90°07'	282°05'
12.11.2048	230°17'	309°16'	316°15'	228°48'	271°47'	307°11'	90°03'	282°10'
13.11.2048	231°17'	323°09'	329°59'	230°24'	272°58'	307°54'	89°58'	282°16'
14.11.2048	232°17'	336°44'	343°26'	232°00'	274°09'	308°38'	89°53'	282°21'
15.11.2048	233°18'	350°03'	356°36'	233°36'	275°20'	309°21'	89°48'	282°26'
16.11.2048	234°18'	3°06'	9°32'	235°11'	276°31'	310°05'	89°43'	282°32'
17.11.2048	235°19'	15°54'	22°13'	236°46'	277°41'	310°48'	89°37'	282°37'
18.11.2048	236°19'	28°30'	34°43'	238°21'	278°52'	311°32'	89°31'	282°43'
19.11.2048	237°20'	40°53'	47°01'	239°56'	280°02'	312°16'	89°26'	282°49'
20.11.2048	238°20'	53°06'	59°09'	241°30'	281°13'	313°00'	89°20'	282°54'
21.11.2048	239°21'	65°10'	71°09'	243°04'	282°23'	313°43'	89°14'	283°00'
22.11.2048	240°21'	77°06'	83°01'	244°38'	283°33'	314°27'	89°07'	283°06'
23.11.2048	241°22'	88°56'	94°50'	246°12'	284°43'	315°11'	89°01'	283°12'
24.11.2048	242°23'	100°43'	106°37'	247°46'	285°53'	315°55'	88°54'	283°18'
25.11.2048	243°23'	112°31'	118°26'	249°19'	287°03'	316°39'	88°48'	283°24'
26.11.2048	244°24'	124°22'	130°20'	250°53'	288°13'	317°23'	88°41'	283°30'
27.11.2048	245°25'	136°21'	142°25'	252°26'	289°22'	318°07'	88°34'	283°36'
28.11.2048	246°25'	148°33'	154°45'	253°59'	290°32'	318°51'	88°27'	283°42'
29.11.2048	247°26'	161°01'	167°23'	255°32'	291°41'	319°35'	88°20'	283°48'
30.11.2048	248°27'	173°51'	180°25'	257°05'	292°51'	320°20'	88°13'	283°54'
01.12.2048	249°28'	187°06'	193°54'	258°38'	294°00'	321°04'	88°05'	284°00'
02.12.2048	250°28'	200°48'	207°49'	260°10'	295°09'	321°48'	87°58'	284°07'
03.12.2048	251°29'	214°57'	222°12'	261°43'	296°18'	322°32'	87°50'	284°13'
04.12.2048	252°30'	229°32'	236°57'	263°16'	297°27'	323°17'	87°43'	284°19'
05.12.2048	253°31'	244°26'	251°58'	264°48'	298°35'	324°01'	87°35'	284°26'
06.12.2048	254°32'	259°32'	267°07'	266°20'	299°44'	324°45'	87°27'	284°32'
07.12.2048	255°33'	274°41'	282°14'	267°52'	300°52'	325°30'	87°20'	284°39'
08.12.2048	256°34'	289°45'	297°11'	269°24'	302°00'	326°14'	87°12'	284°45'
09.12.2048	257°35'	304°33'	311°50'	270°56'	303°08'	326°59'	87°04'	284°52'
10.12.2048	258°36'	319°02'	326°07'	272°28'	304°16'	327°43'	86°56'	284°58'
11.12.2048	259°37'	333°06'	339°59'	273°59'	305°24'	328°28'	86°48'	285°05'
12.12.2048	260°38'	346°46'	353°27'	275°30'	306°31'	329°12'	86°40'	285°12'
13.12.2048	261°39'	0°02'	6°32'	277°00'	307°39'	329°57'	86°32'	285°18'

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14.12.2048	262°40'	12°56'	19°16'	278°30'	308°46'	330°41'	86°23'	285°25'
15.12.2048	263°41'	25°32'	31°45'	279°59'	309°53'	331°26'	86°15'	285°32'
16.12.2048	264°42'	37°53'	43°59'	281°28'	311°00'	332°10'	86°07'	285°39'
17.12.2048	265°43'	50°02'	56°03'	282°55'	312°06'	332°55'	85°59'	285°45'
18.12.2048	266°44'	62°03'	68°00'	284°22'	313°12'	333°39'	85°51'	285°52'
19.12.2048	267°45'	73°56'	79°52'	285°47'	314°18'	334°24'	85°43'	285°59'
20.12.2048	268°46'	85°46'	91°41'	287°11'	315°24'	335°09'	85°34'	286°06'
21.12.2048	269°47'	97°35'	103°29'	288°32'	316°30'	335°53'	85°26'	286°13'
22.12.2048	270°48'	109°23'	115°18'	289°52'	317°35'	336°38'	85°18'	286°20'
23.12.2048	271°49'	121°14'	127°11'	291°09'	318°40'	337°22'	85°10'	286°27'
24.12.2048	272°50'	133°10'	139°11'	292°23'	319°45'	338°07'	85°02'	286°34'
25.12.2048	273°52'	145°13'	151°19'	293°33'	320°49'	338°52'	84°54'	286°41'
26.12.2048	274°53'	157°27'	163°39'	294°39'	321°53'	339°36'	84°46'	286°48'
27.12.2048	275°54'	169°55'	176°15'	295°41'	322°57'	340°21'	84°38'	286°55'
28.12.2048	276°55'	182°40'	189°10'	296°37'	324°01'	341°05'	84°30'	287°02'
29.12.2048	277°56'	195°46'	202°28'	297°27'	325°04'	341°50'	84°23'	287°09'
30.12.2048	278°57'	209°16'	216°11'	298°09'	326°07'	342°35'	84°15'	287°16'
31.12.2048	279°58'	223°12'	230°20'	298°44'	327°09'	343°19'	84°07'	287°23'
01.01.2049	281°00'	237°34'	244°54'	299°10'	328°12'	344°04'	84°00'	287°30'
02.01.2049	282°01'	252°20'	259°50'	299°26'	329°13'	344°48'	83°52'	287°37'
03.01.2049	283°02'	267°23'	275°00'	299°31'	330°15'	345°33'	83°45'	287°44'
04.01.2049	284°03'	282°37'	290°15'	299°25'	331°16'	346°18'	83°38'	287°51'
05.01.2049	285°04'	297°51'	305°25'	299°07'	332°17'	347°02'	83°31'	287°58'
06.01.2049	286°05'	312°56'	320°21'	298°37'	333°17'	347°47'	83°24'	288°06'
07.01.2049	287°07'	327°41'	334°54'	297°56'	334°17'	348°31'	83°17'	288°13'
08.01.2049	288°08'	342°01'	349°00'	297°04'	335°16'	349°16'	83°10'	288°20'
09.01.2049	289°09'	355°53'	2°38'	296°02'	336°15'	350°00'	83°04'	288°27'
10.01.2049	290°10'	9°15'	15°47'	294°52'	337°13'	350°45'	82°57'	288°34'
11.01.2049	291°11'	22°12'	28°31'	293°36'	338°11'	351°30'	82°51'	288°41'
12.01.2049	292°12'	34°45'	40°55'	292°17'	339°08'	352°14'	82°44'	288°48'
13.01.2049	293°14'	47°01'	53°03'	290°58'	340°05'	352°59'	82°38'	288°55'
14.01.2049	294°15'	59°03'	65°00'	289°39'	341°01'	353°43'	82°32'	289°02'
15.01.2049	295°16'	70°56'	76°50'	288°25'	341°56'	354°27'	82°27'	289°10'
16.01.2049	296°17'	82°44'	88°37'	287°17'	342°51'	355°12'	82°21'	289°17'
17.01.2049	297°18'	94°31'	100°25'	286°16'	343°46'	355°56'	82°16'	289°24'
18.01.2049	298°19'	106°20'	112°15'	285°24'	344°39'	356°41'	82°10'	289°31'
19.01.2049	299°20'	118°12'	124°11'	284°41'	345°32'	357°25'	82°05'	289°38'
20.01.2049	300°21'	130°11'	136°12'	284°07'	346°24'	358°09'	82°00'	289°45'
21.01.2049	301°22'	142°16'	148°22'	283°43'	347°15'	358°54'	81°55'	289°52'
22.01.2049	302°23'	154°30'	160°40'	283°28'	348°06'	359°38'	81°51'	289°59'
23.01.2049	303°24'	166°54'	173°10'	283°21'	348°56'	0°22'	81°46'	290°06'
24.01.2049	304°25'	179°29'	185°51'	283°23'	349°44'	1°07'	81°42'	290°13'
25.01.2049	305°26'	192°18'	198°48'	283°33'	350°32'	1°51'	81°38'	290°20'
26.01.2049	306°27'	205°22'	212°01'	283°49'	351°19'	2°35'	81°34'	290°27'
27.01.2049	307°28'	218°45'	225°34'	284°13'	352°06'	3°19'	81°30'	290°34'
28.01.2049	308°29'	232°28'	239°27'	284°42'	352°51'	4°03'	81°27'	290°41'
29.01.2049	309°30'	246°32'	253°43'	285°17'	353°35'	4°47'	81°24'	290°47'
30.01.2049	310°31'	260°59'	268°19'	285°56'	354°18'	5°32'	81°20'	290°54'
31.01.2049	311°32'	275°44'	283°12'	286°40'	355°00'	6°16'	81°18'	291°01'
01.02.2049	312°33'	290°43'	298°15'	287°28'	355°41'	7°00'	81°15'	291°08'
02.02.2049	313°34'	305°48'	313°20'	288°20'	356°20'	7°44'	81°12'	291°15'
03.02.2049	314°35'	320°50'	328°16'	289°16'	356°59'	8°28'	81°10'	291°21'
04.02.2049	315°36'	335°38'	342°55'	290°14'	357°36'	9°12'	81°08'	291°28'
05.02.2049	316°37'	350°05'	357°09'	291°15'	358°11'	9°56'	81°06'	291°35'
06.02.2049	317°37'	4°05'	10°55'	292°19'	358°46'	10°40'	81°04'	291°42'

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07.02.2049	318°38'	17°37'	24°11'	293°25'	359°18'	11°24'	81°03'	291°48'
08.02.2049	319°39'	30°39'	37°01'	294°33'	359°50'	12°07'	81°01'	291°55'
09.02.2049	320°40'	43°17'	49°28'	295°44'	0°19'	12°51'	81°00'	292°01'
10.02.2049	321°41'	55°34'	61°36'	296°56'	0°47'	13°35'	80°59'	292°08'
11.02.2049	322°41'	67°36'	73°32'	298°10'	1°14'	14°19'	80°59'	292°14'
12.02.2049	323°42'	79°27'	85°21'	299°25'	1°38'	15°03'	80°58'	292°21'
13.02.2049	324°43'	91°14'	97°08'	300°42'	2°01'	15°46'	80°58'	292°27'
14.02.2049	325°43'	103°01'	108°56'	302°01'	2°22'	16°30'	80°58'	292°34'
15.02.2049	326°44'	114°53'	120°51'	303°21'	2°41'	17°14'	80°58'	292°40'
16.02.2049	327°44'	126°51'	132°53'	304°42'	2°57'	17°57'	80°58'	292°46'
17.02.2049	328°45'	138°58'	145°06'	306°04'	3°12'	18°41'	80°59'	292°52'
18.02.2049	329°46'	151°17'	157°30'	307°28'	3°24'	19°24'	80°59'	292°59'
19.02.2049	330°46'	163°46'	170°05'	308°53'	3°35'	20°08'	81°00'	293°05'
20.02.2049	331°47'	176°27'	182°52'	310°19'	3°43'	20°51'	81°01'	293°11'
21.02.2049	332°47'	189°19'	195°49'	311°46'	3°48'	21°35'	81°02'	293°17'
22.02.2049	333°47'	202°22'	208°58'	313°14'	3°52'	22°18'	81°04'	293°23'
23.02.2049	334°48'	215°37'	222°19'	314°43'	3°53'	23°01'	81°06'	293°29'
24.02.2049	335°48'	229°04'	235°53'	316°13'	3°51'	23°45'	81°08'	293°35'
25.02.2049	336°49'	242°45'	249°40'	317°45'	3°47'	24°28'	81°10'	293°41'
26.02.2049	337°49'	256°40'	263°43'	319°17'	3°40'	25°11'	81°12'	293°46'
27.02.2049	338°49'	270°49'	278°00'	320°50'	3°31'	25°54'	81°14'	293°52'
28.02.2049	339°50'	285°13'	292°30'	322°25'	3°20'	26°38'	81°17'	293°58'
01.03.2049	340°50'	299°48'	307°09'	324°00'	3°06'	27°21'	81°20'	294°03'
02.03.2049	341°50'	314°30'	321°51'	325°36'	2°49'	28°04'	81°23'	294°09'
03.03.2049	342°50'	329°11'	336°29'	327°14'	2°31'	28°47'	81°26'	294°14'
04.03.2049	343°50'	343°44'	350°55'	328°53'	2°09'	29°30'	81°30'	294°20'
05.03.2049	344°51'	358°01'	5°02'	330°32'	1°46'	30°13'	81°33'	294°25'
06.03.2049	345°51'	11°57'	18°46'	332°13'	1°20'	30°56'	81°37'	294°31'
07.03.2049	346°51'	25°28'	32°04'	333°55'	0°53'	31°39'	81°41'	294°36'
08.03.2049	347°51'	38°33'	44°56'	335°37'	0°23'	32°22'	81°45'	294°41'
09.03.2049	348°51'	51°14'	57°26'	337°21'	359°52'	33°04'	81°49'	294°46'
10.03.2049	349°51'	63°34'	69°38'	339°06'	359°19'	33°47'	81°54'	294°51'
11.03.2049	350°51'	75°38'	81°36'	340°52'	358°44'	34°30'	81°59'	294°56'
12.03.2049	351°51'	87°32'	93°26'	342°40'	358°09'	35°13'	82°03'	295°01'
13.03.2049	352°51'	99°20'	105°15'	344°28'	357°32'	35°55'	82°08'	295°06'
14.03.2049	353°51'	111°09'	117°05'	346°18'	356°55'	36°38'	82°14'	295°11'
15.03.2049	354°50'	123°03'	129°04'	348°09'	356°18'	37°21'	82°19'	295°15'
16.03.2049	355°50'	135°07'	141°13'	350°01'	355°40'	38°03'	82°25'	295°20'
17.03.2049	356°50'	147°23'	153°36'	351°54'	355°02'	38°46'	82°30'	295°25'
18.03.2049	357°50'	159°53'	166°14'	353°48'	354°25'	39°28'	82°36'	295°29'
19.03.2049	358°49'	172°39'	179°07'	355°44'	353°48'	40°10'	82°42'	295°34'
20.03.2049	359°49'	185°39'	192°15'	357°40'	353°12'	40°53'	82°48'	295°38'
21.03.2049	0°48'	198°53'	205°35'	359°38'	352°37'	41°35'	82°55'	295°42'
22.03.2049	1°48'	212°19'	219°06'	1°36'	352°03'	42°18'	83°01'	295°46'
23.03.2049	2°48'	225°55'	232°46'	3°36'	351°31'	43°00'	83°08'	295°51'
24.03.2049	3°47'	239°39'	246°34'	5°36'	351°00'	43°42'	83°14'	295°55'
25.03.2049	4°47'	253°31'	260°30'	7°37'	350°32'	44°24'	83°21'	295°59'
26.03.2049	5°46'	267°30'	274°32'	9°39'	350°05'	45°06'	83°28'	296°02'
27.03.2049	6°45'	281°35'	288°40'	11°41'	349°40'	45°48'	83°36'	296°06'
28.03.2049	7°45'	295°46'	302°53'	13°43'	349°18'	46°31'	83°43'	296°10'
29.03.2049	8°44'	310°01'	317°09'	15°45'	348°58'	47°13'	83°51'	296°14'
30.03.2049	9°43'	324°17'	331°24'	17°47'	348°40'	47°55'	83°58'	296°17'
31.03.2049	10°43'	338°30'	345°35'	19°48'	348°25'	48°36'	84°06'	296°21'
01.04.2049	11°42'	352°37'	359°35'	21°48'	348°12'	49°18'	84°14'	296°24'
02.04.2049	12°41'	6°31'	13°22'	23°48'	348°02'	50°00'	84°22'	296°27'

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03.04.2049	13°40'	20°08'	26°50'	25°45'	347°54'	50°42'	84°30'	296°31'
04.04.2049	14°40'	33°27'	39°58'	27°40'	347°48'	51°24'	84°38'	296°34'
05.04.2049	15°39'	46°24'	52°45'	29°33'	347°45'	52°06'	84°47'	296°37'
06.04.2049	16°38'	59°02'	65°13'	31°24'	347°45'	52°47'	84°55'	296°40'
07.04.2049	17°37'	71°21'	77°25'	33°11'	347°46'	53°29'	85°04'	296°43'
08.04.2049	18°36'	83°26'	89°25'	34°54'	347°50'	54°11'	85°13'	296°45'
09.04.2049	19°35'	95°21'	101°17'	36°34'	347°57'	54°52'	85°22'	296°48'
10.04.2049	20°34'	107°12'	113°07'	38°10'	348°05'	55°34'	85°31'	296°51'
11.04.2049	21°33'	119°02'	124°59'	39°41'	348°16'	56°15'	85°40'	296°53'
12.04.2049	22°32'	130°58'	137°00'	41°07'	348°29'	56°57'	85°50'	296°55'
13.04.2049	23°31'	143°04'	149°12'	42°29'	348°44'	57°38'	85°59'	296°58'
14.04.2049	24°29'	155°25'	161°41'	43°45'	349°00'	58°20'	86°08'	297°00'
15.04.2049	25°28'	168°02'	174°28'	44°56'	349°19'	59°01'	86°18'	297°02'
16.04.2049	26°27'	180°59'	187°35'	46°02'	349°40'	59°42'	86°28'	297°04'
17.04.2049	27°26'	194°15'	201°00'	47°02'	350°02'	60°24'	86°38'	297°06'
18.04.2049	28°24'	207°50'	214°43'	47°56'	350°26'	61°05'	86°48'	297°08'
19.04.2049	29°23'	221°40'	228°39'	48°44'	350°52'	61°46'	86°58'	297°10'
20.04.2049	30°21'	235°41'	242°46'	49°27'	351°20'	62°27'	87°08'	297°11'
21.04.2049	31°20'	249°51'	256°58'	50°04'	351°49'	63°08'	87°18'	297°13'
22.04.2049	32°18'	264°06'	271°14'	50°34'	352°19'	63°49'	87°28'	297°14'
23.04.2049	33°17'	278°22'	285°29'	50°59'	352°51'	64°30'	87°39'	297°16'
24.04.2049	34°15'	292°36'	299°42'	51°18'	353°25'	65°11'	87°49'	297°17'
25.04.2049	35°14'	306°46'	313°50'	51°31'	353°59'	65°52'	88°00'	297°18'
26.04.2049	36°12'	320°52'	327°52'	51°38'	354°35'	66°33'	88°11'	297°19'
27.04.2049	37°11'	334°50'	341°47'	51°40'	355°12'	67°14'	88°22'	297°20'
28.04.2049	38°09'	348°40'	355°31'	51°36'	355°51'	67°55'	88°33'	297°21'
29.04.2049	39°07'	2°20'	9°05'	51°26'	356°30'	68°36'	88°44'	297°22'
30.04.2049	40°06'	15°46'	22°25'	51°12'	357°11'	69°17'	88°55'	297°23'
01.05.2049	41°04'	28°59'	35°30'	50°53'	357°53'	69°58'	89°06'	297°23'
02.05.2049	42°02'	41°57'	48°20'	50°30'	358°35'	70°38'	89°17'	297°24'
03.05.2049	43°01'	54°39'	60°54'	50°03'	359°19'	71°19'	89°28'	297°24'
04.05.2049	43°59'	67°06'	73°14'	49°33'	0°04'	72°00'	89°40'	297°24'
05.05.2049	44°57'	79°19'	85°22'	49°00'	0°49'	72°40'	89°51'	297°24'
06.05.2049	45°55'	91°22'	97°20'	48°25'	1°35'	73°21'	90°03'	297°24'
07.05.2049	46°53'	103°16'	109°11'	47°49'	2°22'	74°01'	90°14'	297°24'
08.05.2049	47°51'	115°06'	121°01'	47°12'	3°10'	74°42'	90°26'	297°24'
09.05.2049	48°49'	126°57'	132°54'	46°35'	3°59'	75°22'	90°38'	297°24'
10.05.2049	49°47'	138°53'	144°55'	45°58'	4°48'	76°03'	90°50'	297°24'
11.05.2049	50°45'	150°59'	157°07'	45°22'	5°38'	76°43'	91°02'	297°23'
12.05.2049	51°43'	163°20'	169°37'	44°49'	6°29'	77°24'	91°14'	297°23'
13.05.2049	52°41'	175°59'	182°26'	44°17'	7°20'	78°04'	91°26'	297°22'
14.05.2049	53°39'	188°59'	195°38'	43°49'	8°12'	78°44'	91°38'	297°22'
15.05.2049	54°37'	202°23'	209°13'	43°24'	9°05'	79°24'	91°50'	297°21'
16.05.2049	55°35'	216°10'	223°11'	43°02'	9°58'	80°05'	92°02'	297°20'
17.05.2049	56°33'	230°17'	237°27'	42°44'	10°52'	80°45'	92°14'	297°19'
18.05.2049	57°31'	244°42'	251°58'	42°31'	11°46'	81°25'	92°27'	297°18'
19.05.2049	58°28'	259°17'	266°38'	42°21'	12°41'	82°05'	92°39'	297°17'
20.05.2049	59°26'	273°59'	281°19'	42°16'	13°36'	82°45'	92°51'	297°16'
21.05.2049	60°24'	288°39'	295°57'	42°16'	14°32'	83°25'	93°04'	297°14'
22.05.2049	61°22'	303°12'	310°25'	42°20'	15°28'	84°05'	93°17'	297°13'
23.05.2049	62°19'	317°34'	324°40'	42°29'	16°25'	84°45'	93°29'	297°11'
24.05.2049	63°17'	331°42'	338°40'	42°42'	17°22'	85°25'	93°42'	297°10'
25.05.2049	64°15'	345°35'	352°24'	43°00'	18°20'	86°05'	93°54'	297°08'
26.05.2049	65°12'	359°10'	5°52'	43°22'	19°18'	86°45'	94°07'	297°06'
27.05.2049	66°10'	12°30'	19°04'	43°48'	20°16'	87°25'	94°20'	297°04'

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28.05.2049	67°08'	25°34'	32°01'	44°19'	21°15'	88°05'	94°33'	297°02'
29.05.2049	68°05'	38°24'	44°44'	44°54'	22°14'	88°45'	94°46'	297°00'
30.05.2049	69°03'	51°00'	57°14'	45°32'	23°14'	89°24'	94°59'	296°58'
31.05.2049	70°00'	63°25'	69°33'	46°15'	24°14'	90°04'	95°12'	296°56'
01.06.2049	70°58'	75°38'	81°41'	47°01'	25°14'	90°44'	95°25'	296°53'
02.06.2049	71°55'	87°42'	93°42'	47°51'	26°14'	91°24'	95°38'	296°51'
03.06.2049	72°53'	99°39'	105°36'	48°45'	27°15'	92°03'	95°51'	296°48'
04.06.2049	73°50'	111°31'	117°26'	49°42'	28°16'	92°43'	96°04'	296°46'
05.06.2049	74°48'	123°21'	129°16'	50°42'	29°18'	93°23'	96°17'	296°43'
06.06.2049	75°45'	135°12'	141°09'	51°46'	30°19'	94°02'	96°30'	296°41'
07.06.2049	76°43'	147°08'	153°09'	52°53'	31°21'	94°42'	96°43'	296°38'
08.06.2049	77°40'	159°13'	165°20'	54°03'	32°23'	95°21'	96°57'	296°35'
09.06.2049	78°38'	171°31'	177°46'	55°16'	33°26'	96°01'	97°10'	296°32'
10.06.2049	79°35'	184°07'	190°33'	56°33'	34°29'	96°40'	97°23'	296°29'
11.06.2049	80°32'	197°04'	203°42'	57°52'	35°31'	97°20'	97°36'	296°26'
12.06.2049	81°30'	210°27'	217°17'	59°14'	36°35'	97°59'	97°50'	296°23'
13.06.2049	82°27'	224°15'	231°19'	60°40'	37°38'	98°38'	98°03'	296°19'
14.06.2049	83°24'	238°28'	245°44'	62°08'	38°42'	99°18'	98°16'	296°16'
15.06.2049	84°22'	253°05'	260°30'	63°40'	39°45'	99°57'	98°30'	296°13'
16.06.2049	85°19'	267°58'	275°29'	65°14'	40°49'	100°36'	98°43'	296°09'
17.06.2049	86°16'	283°01'	290°34'	66°51'	41°54'	101°16'	98°57'	296°06'
18.06.2049	87°13'	298°05'	305°34'	68°31'	42°58'	101°55'	99°10'	296°02'
19.06.2049	88°11'	313°00'	320°22'	70°14'	44°03'	102°34'	99°24'	295°59'
20.06.2049	89°08'	327°40'	334°52'	72°00'	45°08'	103°13'	99°37'	295°55'
21.06.2049	90°05'	341°59'	349°00'	73°48'	46°13'	103°53'	99°51'	295°51'
22.06.2049	91°02'	355°55'	2°44'	75°39'	47°18'	104°32'	100°04'	295°47'
23.06.2049	92°00'	9°27'	16°05'	77°33'	48°23'	105°11'	100°18'	295°44'
24.06.2049	92°57'	22°37'	29°05'	79°29'	49°29'	105°50'	100°31'	295°40'
25.06.2049	93°54'	35°28'	41°46'	81°28'	50°34'	106°29'	100°45'	295°36'
26.06.2049	94°51'	48°01'	54°13'	83°28'	51°40'	107°08'	100°58'	295°32'
27.06.2049	95°49'	60°21'	66°27'	85°31'	52°46'	107°47'	101°12'	295°28'
28.06.2049	96°46'	72°31'	78°33'	87°36'	53°52'	108°26'	101°26'	295°24'
29.06.2049	97°43'	84°32'	90°31'	89°43'	54°59'	109°05'	101°39'	295°20'
30.06.2049	98°40'	96°28'	102°24'	91°50'	56°05'	109°44'	101°53'	295°16'
01.07.2049	99°38'	108°20'	114°15'	93°59'	57°12'	110°23'	102°06'	295°11'
02.07.2049	100°35'	120°10'	126°05'	96°09'	58°19'	111°02'	102°20'	295°07'
03.07.2049	101°32'	132°00'	137°56'	98°20'	59°26'	111°41'	102°34'	295°03'
04.07.2049	102°29'	143°53'	149°51'	100°30'	60°33'	112°20'	102°47'	294°59'
05.07.2049	103°27'	155°51'	161°52'	102°41'	61°40'	112°59'	103°01'	294°54'
06.07.2049	104°24'	167°56'	174°03'	104°51'	62°47'	113°38'	103°14'	294°50'
07.07.2049	105°21'	180°14'	186°28'	107°01'	63°54'	114°17'	103°28'	294°46'
08.07.2049	106°18'	192°47'	199°10'	109°10'	65°02'	114°55'	103°42'	294°41'
09.07.2049	107°15'	205°39'	212°14'	111°18'	66°10'	115°34'	103°55'	294°37'
10.07.2049	108°13'	218°55'	225°42'	113°25'	67°17'	116°13'	104°09'	294°33'
11.07.2049	109°10'	232°36'	239°38'	115°30'	68°25'	116°52'	104°22'	294°28'
12.07.2049	110°07'	246°45'	254°00'	117°34'	69°33'	117°31'	104°36'	294°24'
13.07.2049	111°04'	261°20'	268°47'	119°37'	70°41'	118°09'	104°49'	294°19'
14.07.2049	112°02'	276°17'	283°52'	121°38'	71°49'	118°48'	105°03'	294°15'
15.07.2049	112°59'	291°29'	299°08'	123°37'	72°58'	119°27'	105°16'	294°10'
16.07.2049	113°56'	306°46'	314°23'	125°34'	74°06'	120°05'	105°30'	294°06'
17.07.2049	114°53'	321°57'	329°28'	127°30'	75°15'	120°44'	105°43'	294°02'
18.07.2049	115°50'	336°53'	344°12'	129°24'	76°23'	121°23'	105°57'	293°57'
19.07.2049	116°48'	351°25'	358°31'	131°16'	77°32'	122°01'	106°10'	293°53'
20.07.2049	117°45'	5°30'	12°22'	133°06'	78°41'	122°40'	106°24'	293°48'
21.07.2049	118°42'	19°06'	25°44'	134°55'	79°50'	123°18'	106°37'	293°44'

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22.07.2049	119°39'	32°15'	38°41'	136°42'	80°59'	123°57'	106°51'	293°39'
23.07.2049	120°37'	45°01'	51°16'	138°27'	82°08'	124°36'	107°04'	293°35'
24.07.2049	121°34'	57°27'	63°34'	140°10'	83°18'	125°14'	107°17'	293°31'
25.07.2049	122°31'	69°39'	75°40'	141°51'	84°27'	125°53'	107°31'	293°26'
26.07.2049	123°29'	81°39'	87°37'	143°30'	85°36'	126°31'	107°44'	293°22'
27.07.2049	124°26'	93°33'	99°29'	145°08'	86°46'	127°10'	107°57'	293°18'
28.07.2049	125°23'	105°24'	111°18'	146°44'	87°56'	127°48'	108°11'	293°13'
29.07.2049	126°21'	117°13'	123°08'	148°18'	89°05'	128°27'	108°24'	293°09'
30.07.2049	127°18'	129°04'	135°00'	149°51'	90°15'	129°05'	108°37'	293°05'
31.07.2049	128°16'	140°57'	146°55'	151°21'	91°25'	129°44'	108°50'	293°00'
01.08.2049	129°13'	152°55'	158°56'	152°50'	92°35'	130°22'	109°03'	292°56'
02.08.2049	130°10'	164°59'	171°03'	154°17'	93°45'	131°01'	109°16'	292°52'
03.08.2049	131°08'	177°10'	183°19'	155°42'	94°55'	131°39'	109°30'	292°48'
04.08.2049	132°05'	189°31'	195°47'	157°05'	96°06'	132°17'	109°43'	292°44'
05.08.2049	133°03'	202°06'	208°29'	158°26'	97°16'	132°56'	109°56'	292°40'
06.08.2049	134°00'	214°57'	221°29'	159°45'	98°26'	133°34'	110°09'	292°36'
07.08.2049	134°58'	228°07'	234°51'	161°03'	99°37'	134°13'	110°21'	292°32'
08.08.2049	135°55'	241°40'	248°36'	162°18'	100°47'	134°51'	110°34'	292°28'
09.08.2049	136°53'	255°39'	262°47'	163°31'	101°58'	135°29'	110°47'	292°24'
10.08.2049	137°50'	270°03'	277°24'	164°42'	103°09'	136°08'	111°00'	292°20'
11.08.2049	138°48'	284°50'	292°21'	165°51'	104°20'	136°46'	111°13'	292°17'
12.08.2049	139°45'	299°55'	307°32'	166°57'	105°30'	137°24'	111°25'	292°13'
13.08.2049	140°43'	315°09'	322°47'	168°01'	106°41'	138°03'	111°38'	292°09'
14.08.2049	141°40'	330°23'	337°55'	169°02'	107°52'	138°41'	111°51'	292°06'
15.08.2049	142°38'	345°24'	352°47'	170°01'	109°04'	139°19'	112°03'	292°02'
16.08.2049	143°36'	0°03'	7°13'	170°56'	110°15'	139°57'	112°16'	291°59'
17.08.2049	144°33'	14°16'	21°10'	171°49'	111°26'	140°36'	112°28'	291°55'
18.08.2049	145°31'	27°58'	34°38'	172°39'	112°37'	141°14'	112°41'	291°52'
19.08.2049	146°29'	41°11'	47°38'	173°26'	113°49'	141°52'	112°53'	291°49'
20.08.2049	147°26'	53°58'	60°14'	174°09'	115°00'	142°30'	113°05'	291°46'
21.08.2049	148°24'	66°24'	72°30'	174°48'	116°12'	143°09'	113°18'	291°43'
22.08.2049	149°22'	78°33'	84°33'	175°24'	117°24'	143°47'	113°30'	291°39'
23.08.2049	150°20'	90°31'	96°27'	175°55'	118°35'	144°25'	113°42'	291°36'
24.08.2049	151°18'	102°22'	108°17'	176°23'	119°47'	145°03'	113°54'	291°34'
25.08.2049	152°15'	114°11'	120°06'	176°45'	120°59'	145°42'	114°06'	291°31'
26.08.2049	153°13'	126°02'	131°58'	177°03'	122°11'	146°20'	114°18'	291°28'
27.08.2049	154°11'	137°55'	143°54'	177°16'	123°23'	146°58'	114°30'	291°25'
28.08.2049	155°09'	149°55'	155°57'	177°23'	124°35'	147°36'	114°41'	291°23'
29.08.2049	156°07'	162°01'	168°08'	177°25'	125°47'	148°14'	114°53'	291°20'
30.08.2049	157°05'	174°16'	180°26'	177°21'	126°59'	148°53'	115°05'	291°18'
31.08.2049	158°03'	186°39'	192°54'	177°11'	128°12'	149°31'	115°16'	291°15'
01.09.2049	159°01'	199°12'	205°32'	176°54'	129°24'	150°09'	115°28'	291°13'
02.09.2049	159°59'	211°56'	218°22'	176°32'	130°36'	150°47'	115°39'	291°11'
03.09.2049	160°57'	224°53'	231°27'	176°03'	131°49'	151°25'	115°51'	291°09'
04.09.2049	161°56'	238°05'	244°48'	175°29'	133°01'	152°03'	116°02'	291°07'
05.09.2049	162°54'	251°35'	258°27'	174°48'	134°14'	152°42'	116°13'	291°05'
06.09.2049	163°52'	265°25'	272°28'	174°03'	135°27'	153°20'	116°24'	291°03'
07.09.2049	164°50'	279°36'	286°49'	173°12'	136°39'	153°58'	116°35'	291°01'
08.09.2049	165°48'	294°06'	301°28'	172°18'	137°52'	154°36'	116°46'	291°00'
09.09.2049	166°46'	308°53'	316°21'	171°20'	139°05'	155°14'	116°57'	290°58'
10.09.2049	167°45'	323°50'	331°20'	170°20'	140°18'	155°52'	117°08'	290°57'
11.09.2049	168°43'	338°49'	346°16'	169°20'	141°31'	156°30'	117°19'	290°55'
12.09.2049	169°41'	353°40'	1°00'	168°20'	142°44'	157°08'	117°29'	290°54'
13.09.2049	170°40'	8°15'	15°23'	167°22'	143°57'	157°47'	117°40'	290°53'
14.09.2049	171°38'	22°26'	29°21'	166°27'	145°10'	158°25'	117°50'	290°52'

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15.09.2049	172°37'	36°10'	42°51'	165°38'	146°23'	159°03'	118°00'	290°51'
16.09.2049	173°35'	49°26'	55°55'	164°54'	147°37'	159°41'	118°11'	290°50'
17.09.2049	174°33'	62°17'	68°34'	164°17'	148°50'	160°19'	118°21'	290°49'
18.09.2049	175°32'	74°45'	80°53'	163°48'	150°03'	160°57'	118°31'	290°48'
19.09.2049	176°31'	86°56'	92°57'	163°29'	151°17'	161°35'	118°41'	290°48'
20.09.2049	177°29'	98°55'	104°52'	163°18'	152°30'	162°13'	118°50'	290°47'
21.09.2049	178°28'	110°48'	116°43'	163°17'	153°44'	162°52'	119°00'	290°47'
22.09.2049	179°26'	122°38'	128°33'	163°26'	154°57'	163°30'	119°10'	290°47'
23.09.2049	180°25'	134°30'	140°28'	163°45'	156°11'	164°08'	119°19'	290°46'
24.09.2049	181°24'	146°28'	152°30'	164°13'	157°25'	164°46'	119°29'	290°46'
25.09.2049	182°23'	158°35'	164°42'	164°50'	158°38'	165°24'	119°38'	290°46'
26.09.2049	183°21'	170°52'	177°04'	165°36'	159°52'	166°02'	119°47'	290°46'
27.09.2049	184°20'	183°20'	189°38'	166°30'	161°06'	166°40'	119°56'	290°47'
28.09.2049	185°19'	195°59'	202°23'	167°32'	162°20'	167°18'	120°05'	290°47'
29.09.2049	186°18'	208°50'	215°20'	168°40'	163°34'	167°56'	120°14'	290°47'
30.09.2049	187°17'	221°52'	228°28'	169°55'	164°48'	168°34'	120°22'	290°48'
01.10.2049	188°16'	235°06'	241°47'	171°15'	166°02'	169°13'	120°31'	290°48'
02.10.2049	189°15'	248°31'	255°18'	172°40'	167°16'	169°51'	120°39'	290°49'
03.10.2049	190°14'	262°09'	269°02'	174°09'	168°30'	170°29'	120°48'	290°50'
04.10.2049	191°13'	275°59'	282°59'	175°42'	169°44'	171°07'	120°56'	290°51'
05.10.2049	192°12'	290°03'	297°09'	177°18'	170°58'	171°45'	121°04'	290°52'
06.10.2049	193°11'	304°19'	311°31'	178°56'	172°13'	172°23'	121°12'	290°53'
07.10.2049	194°10'	318°45'	326°01'	180°36'	173°27'	173°01'	121°20'	290°54'
08.10.2049	195°10'	333°17'	340°34'	182°18'	174°41'	173°39'	121°27'	290°55'
09.10.2049	196°09'	347°50'	355°05'	184°00'	175°56'	174°17'	121°35'	290°57'
10.10.2049	197°08'	2°18'	9°27'	185°44'	177°10'	174°55'	121°42'	290°58'
11.10.2049	198°07'	16°33'	23°34'	187°28'	178°24'	175°34'	121°49'	291°00'
12.10.2049	199°07'	30°30'	37°21'	189°13'	179°39'	176°12'	121°56'	291°01'
13.10.2049	200°06'	44°06'	50°45'	190°58'	180°53'	176°50'	122°03'	291°03'
14.10.2049	201°05'	57°19'	63°47'	192°43'	182°08'	177°28'	122°10'	291°05'
15.10.2049	202°05'	70°09'	76°26'	194°28'	183°23'	178°06'	122°17'	291°07'
16.10.2049	203°04'	82°39'	88°48'	196°12'	184°37'	178°44'	122°23'	291°09'
17.10.2049	204°04'	94°53'	100°55'	197°57'	185°52'	179°22'	122°30'	291°11'
18.10.2049	205°03'	106°54'	112°52'	199°40'	187°06'	180°00'	122°36'	291°13'
19.10.2049	206°03'	118°48'	124°44'	201°24'	188°21'	180°38'	122°42'	291°16'
20.10.2049	207°02'	130°39'	136°36'	203°07'	189°36'	181°17'	122°48'	291°18'
21.10.2049	208°02'	142°34'	148°33'	204°49'	190°51'	181°55'	122°53'	291°21'
22.10.2049	209°02'	154°35'	160°39'	206°31'	192°06'	182°33'	122°59'	291°23'
23.10.2049	210°01'	166°46'	172°57'	208°12'	193°20'	183°11'	123°04'	291°26'
24.10.2049	211°01'	179°11'	185°29'	209°53'	194°35'	183°49'	123°09'	291°29'
25.10.2049	212°01'	191°51'	198°17'	211°33'	195°50'	184°27'	123°14'	291°32'
26.10.2049	213°01'	204°47'	211°21'	213°13'	197°05'	185°05'	123°19'	291°35'
27.10.2049	214°01'	217°58'	224°40'	214°52'	198°20'	185°44'	123°24'	291°38'
28.10.2049	215°00'	231°24'	238°12'	216°31'	199°35'	186°22'	123°29'	291°41'
29.10.2049	216°00'	245°03'	251°56'	218°09'	200°50'	187°00'	123°33'	291°44'
30.10.2049	217°00'	258°52'	265°50'	219°46'	202°05'	187°38'	123°37'	291°48'
31.10.2049	218°00'	272°50'	279°51'	221°23'	203°20'	188°16'	123°41'	291°51'
01.11.2049	219°00'	286°54'	293°58'	223°00'	204°35'	188°54'	123°45'	291°54'
02.11.2049	220°00'	301°02'	308°08'	224°36'	205°50'	189°32'	123°49'	291°58'
03.11.2049	221°00'	315°14'	322°20'	226°11'	207°05'	190°11'	123°52'	292°02'
04.11.2049	222°00'	329°26'	336°31'	227°47'	208°20'	190°49'	123°55'	292°06'
05.11.2049	223°01'	343°36'	350°39'	229°21'	209°36'	191°27'	123°58'	292°09'
06.11.2049	224°01'	357°41'	4°41'	230°56'	210°51'	192°05'	124°01'	292°13'
07.11.2049	225°01'	11°39'	18°34'	232°30'	212°06'	192°43'	124°04'	292°17'
08.11.2049	226°01'	25°26'	32°14'	234°03'	213°21'	193°21'	124°07'	292°21'

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09.11.2049	227°01'	38°59'	45°40'	235°36'	214°36'	193°59'	124°09'	292°26'
10.11.2049	228°02'	52°17'	58°49'	237°09'	215°51'	194°38'	124°11'	292°30'
11.11.2049	229°02'	65°17'	71°40'	238°42'	217°07'	195°16'	124°13'	292°34'
12.11.2049	230°02'	78°00'	84°15'	240°14'	218°22'	195°54'	124°15'	292°39'
13.11.2049	231°02'	90°27'	96°35'	241°46'	219°37'	196°32'	124°16'	292°43'
14.11.2049	232°03'	102°40'	108°42'	243°17'	220°53'	197°10'	124°18'	292°48'
15.11.2049	233°03'	114°42'	120°40'	244°48'	222°08'	197°48'	124°19'	292°52'
16.11.2049	234°04'	126°37'	132°33'	246°19'	223°23'	198°27'	124°20'	292°57'
17.11.2049	235°04'	138°29'	144°25'	247°50'	224°38'	199°05'	124°21'	293°02'
18.11.2049	236°05'	150°23'	156°22'	249°20'	225°54'	199°43'	124°21'	293°07'
19.11.2049	237°05'	162°23'	168°27'	250°50'	227°09'	200°21'	124°22'	293°11'
20.11.2049	238°06'	174°35'	180°46'	252°20'	228°25'	200°59'	124°22'	293°16'
21.11.2049	239°06'	187°01'	193°22'	253°49'	229°40'	201°37'	124°22'	293°22'
22.11.2049	240°07'	199°47'	206°17'	255°18'	230°55'	202°16'	124°22'	293°27'
23.11.2049	241°07'	212°53'	219°34'	256°46'	232°11'	202°54'	124°21'	293°32'
24.11.2049	242°08'	226°20'	233°11'	258°14'	233°26'	203°32'	124°21'	293°37'
25.11.2049	243°09'	240°07'	247°08'	259°42'	234°42'	204°10'	124°20'	293°42'
26.11.2049	244°09'	254°12'	261°20'	261°09'	235°57'	204°48'	124°19'	293°48'
27.11.2049	245°10'	268°31'	275°43'	262°35'	237°12'	205°27'	124°18'	293°53'
28.11.2049	246°11'	282°57'	290°12'	264°01'	238°28'	206°05'	124°16'	293°59'
29.11.2049	247°12'	297°27'	304°41'	265°26'	239°43'	206°43'	124°15'	294°04'
30.11.2049	248°12'	311°54'	319°05'	266°49'	240°59'	207°21'	124°13'	294°10'
01.12.2049	249°13'	326°14'	333°21'	268°12'	242°14'	207°59'	124°11'	294°16'
02.12.2049	250°14'	340°25'	347°26'	269°34'	243°30'	208°38'	124°09'	294°21'
03.12.2049	251°15'	354°24'	1°18'	270°54'	244°45'	209°16'	124°07'	294°27'
04.12.2049	252°16'	8°10'	14°58'	272°12'	246°01'	209°54'	124°04'	294°33'
05.12.2049	253°17'	21°42'	28°24'	273°28'	247°16'	210°32'	124°01'	294°39'
06.12.2049	254°17'	35°02'	41°37'	274°43'	248°32'	211°10'	123°58'	294°45'
07.12.2049	255°18'	48°09'	54°37'	275°54'	249°47'	211°48'	123°55'	294°51'
08.12.2049	256°19'	61°03'	67°25'	277°03'	251°03'	212°27'	123°52'	294°57'
09.12.2049	257°20'	73°44'	80°01'	278°09'	252°18'	213°05'	123°48'	295°03'
10.12.2049	258°21'	86°14'	92°25'	279°10'	253°34'	213°43'	123°45'	295°09'
11.12.2049	259°22'	98°32'	104°38'	280°07'	254°49'	214°21'	123°41'	295°15'
12.12.2049	260°23'	110°41'	116°42'	280°59'	256°05'	214°59'	123°37'	295°22'
13.12.2049	261°24'	122°41'	128°38'	281°45'	257°20'	215°38'	123°32'	295°28'
14.12.2049	262°25'	134°35'	140°31'	282°24'	258°36'	216°16'	123°28'	295°34'
15.12.2049	263°26'	146°26'	152°22'	282°55'	259°51'	216°54'	123°23'	295°41'
16.12.2049	264°27'	158°19'	164°17'	283°19'	261°07'	217°32'	123°19'	295°47'
17.12.2049	265°28'	170°17'	176°19'	283°33'	262°22'	218°10'	123°14'	295°54'
18.12.2049	266°29'	182°25'	188°34'	283°37'	263°38'	218°49'	123°08'	296°00'
19.12.2049	267°30'	194°48'	201°06'	283°30'	264°53'	219°27'	123°03'	296°07'
20.12.2049	268°31'	207°30'	214°00'	283°12'	266°09'	220°05'	122°58'	296°13'
21.12.2049	269°32'	220°35'	227°18'	282°42'	267°24'	220°43'	122°52'	296°20'
22.12.2049	270°33'	234°07'	241°02'	282°00'	268°40'	221°21'	122°46'	296°26'
23.12.2049	271°35'	248°04'	255°12'	281°07'	269°55'	221°59'	122°41'	296°33'
24.12.2049	272°36'	262°26'	269°45'	280°05'	271°11'	222°38'	122°35'	296°40'
25.12.2049	273°37'	277°08'	284°34'	278°53'	272°26'	223°16'	122°28'	296°47'
26.12.2049	274°38'	292°03'	299°32'	277°36'	273°42'	223°54'	122°22'	296°53'
27.12.2049	275°39'	307°01'	314°29'	276°15'	274°57'	224°32'	122°16'	297°00'
28.12.2049	276°40'	321°55'	329°17'	274°53'	276°13'	225°10'	122°09'	297°07'
29.12.2049	277°41'	336°36'	343°50'	273°32'	277°28'	225°48'	122°02'	297°14'
30.12.2049	278°43'	350°59'	358°02'	272°16'	278°44'	226°27'	121°55'	297°21'
31.12.2049	279°44'	5°00'	11°53'	271°05'	279°59'	227°05'	121°49'	297°28'
01.01.2050	280°45'	18°40'	25°23'	270°04'	281°15'	227°43'	121°41'	297°35'
02.01.2050	281°46'	32°00'	38°33'	269°11'	282°30'	228°21'	121°34'	297°41'

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03.01.2050	282°47'	45°02'	51°27'	268°28'	283°46'	228°59'	121°27'	297°48'
04.01.2050	283°48'	57°49'	64°07'	267°56'	285°01'	229°37'	121°20'	297°55'
05.01.2050	284°49'	70°22'	76°35'	267°34'	286°17'	230°15'	121°12'	298°02'
06.01.2050	285°51'	82°45'	88°54'	267°22'	287°32'	230°53'	121°05'	298°09'
07.01.2050	286°52'	95°00'	101°04'	267°20'	288°48'	231°32'	120°57'	298°17'
08.01.2050	287°53'	107°07'	113°08'	267°26'	290°03'	232°10'	120°50'	298°24'
09.01.2050	288°54'	119°08'	125°07'	267°40'	291°19'	232°48'	120°42'	298°31'
10.01.2050	289°55'	131°05'	137°01'	268°02'	292°34'	233°26'	120°34'	298°38'
11.01.2050	290°56'	142°58'	148°53'	268°30'	293°50'	234°04'	120°26'	298°45'
12.01.2050	291°57'	154°49'	160°45'	269°05'	295°05'	234°42'	120°18'	298°52'
13.01.2050	292°58'	166°42'	172°39'	269°45'	296°21'	235°20'	120°10'	298°59'
14.01.2050	294°00'	178°38'	184°40'	270°30'	297°36'	235°58'	120°02'	299°06'
15.01.2050	295°01'	190°44'	196°51'	271°19'	298°51'	236°36'	119°54'	299°13'
16.01.2050	296°02'	203°01'	209°17'	272°13'	300°07'	237°14'	119°46'	299°20'
17.01.2050	297°03'	215°37'	222°03'	273°10'	301°22'	237°52'	119°38'	299°28'
18.01.2050	298°04'	228°35'	235°14'	274°10'	302°38'	238°30'	119°30'	299°35'
19.01.2050	299°05'	241°59'	248°52'	275°13'	303°53'	239°08'	119°22'	299°42'
20.01.2050	300°06'	255°53'	263°01'	276°19'	305°09'	239°46'	119°14'	299°49'
21.01.2050	301°07'	270°16'	277°37'	277°27'	306°24'	240°24'	119°06'	299°56'
22.01.2050	302°08'	285°05'	292°37'	278°37'	307°39'	241°02'	118°58'	300°03'
23.01.2050	303°09'	300°13'	307°51'	279°49'	308°55'	241°40'	118°50'	300°10'
24.01.2050	304°10'	315°31'	323°10'	281°02'	310°10'	242°18'	118°42'	300°18'
25.01.2050	305°12'	330°47'	338°20'	282°18'	311°25'	242°56'	118°34'	300°25'
26.01.2050	306°13'	345°50'	353°13'	283°35'	312°41'	243°34'	118°26'	300°32'
27.01.2050	307°14'	0°31'	7°42'	284°53'	313°56'	244°12'	118°18'	300°39'
28.01.2050	308°15'	14°46'	21°43'	286°13'	315°12'	244°50'	118°10'	300°46'
29.01.2050	309°16'	28°33'	35°17'	287°34'	316°27'	245°28'	118°03'	300°53'
30.01.2050	310°16'	41°54'	48°25'	288°56'	317°42'	246°06'	117°55'	301°00'
31.01.2050	311°17'	54°50'	61°11'	290°19'	318°57'	246°43'	117°47'	301°07'
01.02.2050	312°18'	67°28'	73°41'	291°43'	320°13'	247°21'	117°40'	301°14'
02.02.2050	313°19'	79°50'	85°57'	293°08'	321°28'	247°59'	117°32'	301°21'
03.02.2050	314°20'	92°01'	98°04'	294°34'	322°43'	248°37'	117°25'	301°28'
04.02.2050	315°21'	104°04'	110°04'	296°00'	323°58'	249°15'	117°17'	301°35'
05.02.2050	316°22'	116°03'	122°00'	297°28'	325°14'	249°52'	117°10'	301°42'
06.02.2050	317°23'	127°57'	133°54'	298°57'	326°29'	250°30'	117°03'	301°49'
07.02.2050	318°23'	139°50'	145°47'	300°26'	327°44'	251°08'	116°56'	301°56'
08.02.2050	319°24'	151°43'	157°40'	301°56'	328°59'	251°46'	116°49'	302°03'
09.02.2050	320°25'	163°37'	169°34'	303°28'	330°14'	252°23'	116°42'	302°10'
10.02.2050	321°26'	175°33'	181°32'	305°00'	331°29'	253°01'	116°35'	302°17'
11.02.2050	322°26'	187°33'	193°36'	306°32'	332°45'	253°39'	116°29'	302°24'
12.02.2050	323°27'	199°40'	205°48'	308°06'	334°00'	254°16'	116°22'	302°31'
13.02.2050	324°28'	211°59'	218°13'	309°40'	335°15'	254°54'	116°16'	302°38'
14.02.2050	325°28'	224°31'	230°55'	311°16'	336°30'	255°32'	116°10'	302°44'
15.02.2050	326°29'	237°24'	243°58'	312°52'	337°45'	256°09'	116°03'	302°51'
16.02.2050	327°30'	250°39'	257°27'	314°29'	339°00'	256°47'	115°57'	302°58'
17.02.2050	328°30'	264°22'	271°24'	316°07'	340°15'	257°24'	115°52'	303°05'
18.02.2050	329°31'	278°33'	285°50'	317°45'	341°30'	258°02'	115°46'	303°11'
19.02.2050	330°31'	293°13'	300°41'	319°25'	342°45'	258°39'	115°41'	303°18'
20.02.2050	331°32'	308°15'	315°52'	321°06'	344°00'	259°17'	115°35'	303°25'
21.02.2050	332°32'	323°32'	331°13'	322°47'	345°15'	259°54'	115°30'	303°31'
22.02.2050	333°33'	338°53'	346°31'	324°29'	346°30'	260°32'	115°25'	303°38'
23.02.2050	334°33'	354°06'	1°36'	326°13'	347°45'	261°09'	115°20'	303°44'
24.02.2050	335°34'	9°00'	16°17'	327°57'	349°00'	261°46'	115°15'	303°51'
25.02.2050	336°34'	23°28'	30°31'	329°42'	350°15'	262°24'	115°11'	303°57'
26.02.2050	337°34'	37°27'	44°15'	331°29'	351°29'	263°01'	115°07'	304°03'

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27.02.2050	338°35'	50°56'	57°30'	333°16'	352°44'	263°38'	115°03'	304°10'
28.02.2050	339°35'	63°58'	70°20'	335°04'	353°59'	264°16'	114°59'	304°16'
01.03.2050	340°35'	76°37'	82°49'	336°53'	355°14'	264°53'	114°55'	304°22'
02.03.2050	341°36'	88°57'	95°02'	338°43'	356°28'	265°30'	114°51'	304°29'
03.03.2050	342°36'	101°05'	107°05'	340°35'	357°43'	266°07'	114°48'	304°35'
04.03.2050	343°36'	113°03'	119°00'	342°27'	358°58'	266°44'	114°44'	304°41'
05.03.2050	344°36'	124°57'	130°52'	344°20'	0°12'	267°21'	114°41'	304°47'
06.03.2050	345°36'	136°48'	142°44'	346°14'	1°27'	267°58'	114°39'	304°53'
07.03.2050	346°36'	148°40'	154°37'	348°09'	2°42'	268°35'	114°36'	304°59'
08.03.2050	347°36'	160°35'	166°33'	350°04'	3°56'	269°12'	114°33'	305°05'
09.03.2050	348°36'	172°33'	178°34'	352°01'	5°11'	269°49'	114°31'	305°11'
10.03.2050	349°36'	184°36'	190°40'	353°58'	6°25'	270°26'	114°29'	305°16'
11.03.2050	350°36'	196°45'	202°53'	355°55'	7°40'	271°03'	114°27'	305°22'
12.03.2050	351°36'	209°03'	215°15'	357°53'	8°54'	271°40'	114°25'	305°28'
13.03.2050	352°36'	221°30'	227°48'	359°51'	10°09'	272°16'	114°24'	305°33'
14.03.2050	353°36'	234°09'	240°35'	1°49'	11°23'	272°53'	114°22'	305°39'
15.03.2050	354°36'	247°05'	253°39'	3°46'	12°37'	273°30'	114°21'	305°44'
16.03.2050	355°35'	260°19'	267°04'	5°43'	13°52'	274°06'	114°20'	305°50'
17.03.2050	356°35'	273°55'	280°51'	7°39'	15°06'	274°43'	114°20'	305°55'
18.03.2050	357°35'	287°54'	295°03'	9°33'	16°20'	275°19'	114°19'	306°01'
19.03.2050	358°35'	302°17'	309°37'	11°26'	17°34'	275°56'	114°19'	306°06'
20.03.2050	359°34'	317°01'	324°29'	13°17'	18°49'	276°32'	114°19'	306°11'
21.03.2050	0°34'	332°00'	339°33'	15°05'	20°03'	277°09'	114°19'	306°16'
22.03.2050	1°34'	347°06'	354°39'	16°50'	21°17'	277°45'	114°19'	306°21'
23.03.2050	2°33'	2°09'	9°36'	18°32'	22°31'	278°21'	114°19'	306°26'
24.03.2050	3°33'	16°59'	24°17'	20°10'	23°45'	278°58'	114°20'	306°31'
25.03.2050	4°32'	31°29'	38°34'	21°44'	24°59'	279°34'	114°21'	306°36'
26.03.2050	5°32'	45°33'	52°24'	23°12'	26°13'	280°10'	114°22'	306°41'
27.03.2050	6°31'	59°09'	65°47'	24°36'	27°27'	280°46'	114°23'	306°46'
28.03.2050	7°31'	72°18'	78°44'	25°54'	28°41'	281°22'	114°24'	306°50'
29.03.2050	8°30'	85°03'	91°18'	27°06'	29°55'	281°58'	114°26'	306°55'
30.03.2050	9°29'	97°28'	103°35'	28°12'	31°09'	282°33'	114°27'	306°59'
31.03.2050	10°29'	109°38'	115°39'	29°12'	32°23'	283°09'	114°29'	307°04'
01.04.2050	11°28'	121°37'	127°34'	30°05'	33°36'	283°45'	114°32'	307°08'
02.04.2050	12°27'	133°30'	139°26'	30°51'	34°50'	284°20'	114°34'	307°13'
03.04.2050	13°26'	145°22'	151°18'	31°31'	36°04'	284°56'	114°36'	307°17'
04.04.2050	14°25'	157°15'	163°13'	32°03'	37°17'	285°31'	114°39'	307°21'
05.04.2050	15°24'	169°13'	175°14'	32°28'	38°31'	286°07'	114°42'	307°25'
06.04.2050	16°24'	181°17'	187°22'	32°46'	39°45'	286°42'	114°45'	307°29'
07.04.2050	17°23'	193°30'	199°40'	32°57'	40°58'	287°17'	114°48'	307°33'
08.04.2050	18°22'	205°52'	212°08'	33°01'	42°12'	287°53'	114°52'	307°37'
09.04.2050	19°21'	218°25'	224°46'	32°58'	43°25'	288°28'	114°55'	307°40'
10.04.2050	20°19'	231°10'	237°36'	32°49'	44°38'	289°03'	114°59'	307°44'
11.04.2050	21°18'	244°06'	250°39'	32°34'	45°52'	289°38'	115°03'	307°48'
12.04.2050	22°17'	257°16'	263°56'	32°13'	47°05'	290°12'	115°07'	307°51'
13.04.2050	23°16'	270°40'	277°28'	31°47'	48°18'	290°47'	115°11'	307°54'
14.04.2050	24°15'	284°20'	291°16'	31°16'	49°32'	291°22'	115°15'	307°58'
15.04.2050	25°14'	298°16'	305°20'	30°42'	50°45'	291°56'	115°20'	308°01'
16.04.2050	26°12'	312°28'	319°39'	30°04'	51°58'	292°31'	115°25'	308°04'
17.04.2050	27°11'	326°53'	334°10'	29°23'	53°11'	293°05'	115°30'	308°07'
18.04.2050	28°10'	341°29'	348°49'	28°41'	54°24'	293°39'	115°35'	308°10'
19.04.2050	29°09'	356°09'	3°29'	27°58'	55°37'	294°14'	115°40'	308°13'
20.04.2050	30°07'	10°47'	18°04'	27°15'	56°50'	294°48'	115°45'	308°16'
21.04.2050	31°06'	25°17'	32°27'	26°32'	58°03'	295°22'	115°51'	308°18'
22.04.2050	32°04'	39°33'	46°33'	25°51'	59°16'	295°55'	115°57'	308°21'

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23.04.2050	33°03'	53°28'	60°18'	25°13'	60°29'	296°29'	116°03'	308°24'
24.04.2050	34°01'	67°02'	73°40'	24°37'	61°41'	297°02'	116°09'	308°26'
25.04.2050	35°00'	80°12'	86°39'	24°04'	62°54'	297°36'	116°15'	308°28'
26.04.2050	35°58'	93°01'	99°17'	23°35'	64°07'	298°09'	116°21'	308°31'
27.04.2050	36°57'	105°30'	111°38'	23°10'	65°19'	298°42'	116°28'	308°33'
28.04.2050	37°55'	117°43'	123°45'	22°49'	66°32'	299°15'	116°34'	308°35'
29.04.2050	38°54'	129°45'	135°43'	22°33'	67°45'	299°48'	116°41'	308°37'
30.04.2050	39°52'	141°39'	147°36'	22°22'	68°57'	300°21'	116°48'	308°39'
01.05.2050	40°50'	153°32'	159°29'	22°16'	70°10'	300°53'	116°55'	308°40'
02.05.2050	41°48'	165°27'	171°26'	22°15'	71°22'	301°26'	117°02'	308°42'
03.05.2050	42°47'	177°28'	183°31'	22°18'	72°34'	301°58'	117°09'	308°44'
04.05.2050	43°45'	189°38'	195°47'	22°26'	73°46'	302°30'	117°17'	308°45'
05.05.2050	44°43'	202°00'	208°16'	22°39'	74°59'	303°02'	117°24'	308°46'
06.05.2050	45°41'	214°35'	220°59'	22°57'	76°11'	303°34'	117°32'	308°48'
07.05.2050	46°39'	227°26'	233°57'	23°18'	77°23'	304°05'	117°40'	308°49'
08.05.2050	47°37'	240°32'	247°10'	23°45'	78°35'	304°37'	117°48'	308°50'
09.05.2050	48°35'	253°52'	260°37'	24°15'	79°47'	305°08'	117°56'	308°51'
10.05.2050	49°33'	267°25'	274°17'	24°50'	80°59'	305°39'	118°04'	308°52'
11.05.2050	50°31'	281°11'	288°08'	25°28'	82°11'	306°10'	118°12'	308°53'
12.05.2050	51°29'	295°07'	302°09'	26°11'	83°22'	306°41'	118°21'	308°53'
13.05.2050	52°27'	309°12'	316°17'	26°56'	84°34'	307°11'	118°29'	308°54'
14.05.2050	53°25'	323°23'	330°30'	27°46'	85°46'	307°42'	118°38'	308°54'
15.05.2050	54°23'	337°38'	344°46'	28°39'	86°57'	308°12'	118°47'	308°55'
16.05.2050	55°21'	351°54'	359°02'	29°35'	88°09'	308°42'	118°56'	308°55'
17.05.2050	56°19'	6°09'	13°15'	30°34'	89°20'	309°11'	119°05'	308°55'
18.05.2050	57°17'	20°20'	27°22'	31°36'	90°32'	309°41'	119°14'	308°55'
19.05.2050	58°14'	34°22'	41°19'	32°41'	91°43'	310°10'	119°23'	308°55'
20.05.2050	59°12'	48°12'	55°02'	33°49'	92°55'	310°39'	119°32'	308°55'
21.05.2050	60°10'	61°48'	68°31'	35°00'	94°06'	311°07'	119°42'	308°55'
22.05.2050	61°08'	75°08'	81°42'	36°14'	95°17'	311°36'	119°51'	308°55'
23.05.2050	62°05'	88°10'	94°35'	37°30'	96°28'	312°04'	120°01'	308°55'
24.05.2050	63°03'	100°55'	107°11'	38°49'	97°39'	312°32'	120°11'	308°54'
25.05.2050	64°01'	113°23'	119°31'	40°10'	98°50'	312°59'	120°20'	308°54'
26.05.2050	64°59'	125°36'	131°39'	41°34'	100°01'	313°27'	120°30'	308°53'
27.05.2050	65°56'	137°39'	143°38'	43°01'	101°12'	313°54'	120°40'	308°52'
28.05.2050	66°54'	149°35'	155°31'	44°30'	102°23'	314°20'	120°51'	308°51'
29.05.2050	67°51'	161°28'	167°25'	46°01'	103°33'	314°47'	121°01'	308°50'
30.05.2050	68°49'	173°23'	179°22'	47°35'	104°44'	315°13'	121°11'	308°49'
31.05.2050	69°46'	185°24'	191°29'	49°11'	105°54'	315°39'	121°21'	308°48'
01.06.2050	70°44'	197°37'	203°49'	50°50'	107°05'	316°04'	121°32'	308°47'
02.06.2050	71°41'	210°05'	216°25'	52°31'	108°15'	316°29'	121°42'	308°45'
03.06.2050	72°39'	222°50'	229°20'	54°15'	109°25'	316°54'	121°53'	308°44'
04.06.2050	73°36'	235°55'	242°36'	56°01'	110°36'	317°18'	122°04'	308°43'
05.06.2050	74°34'	249°21'	256°11'	57°49'	111°46'	317°42'	122°15'	308°41'
06.06.2050	75°31'	263°06'	270°04'	59°40'	112°56'	318°06'	122°26'	308°39'
07.06.2050	76°29'	277°07'	284°12'	61°33'	114°06'	318°30'	122°36'	308°37'
08.06.2050	77°26'	291°20'	298°30'	63°28'	115°15'	318°52'	122°48'	308°36'
09.06.2050	78°23'	305°41'	312°53'	65°26'	116°25'	319°15'	122°59'	308°34'
10.06.2050	79°21'	320°04'	327°15'	67°26'	117°35'	319°37'	123°10'	308°32'
11.06.2050	80°18'	334°26'	341°34'	69°27'	118°44'	319°59'	123°21'	308°29'
12.06.2050	81°16'	348°41'	355°46'	71°31'	119°54'	320°20'	123°32'	308°27'
13.06.2050	82°13'	2°49'	9°49'	73°37'	121°03'	320°41'	123°44'	308°25'
14.06.2050	83°10'	16°47'	23°42'	75°44'	122°12'	321°01'	123°55'	308°22'
15.06.2050	84°08'	30°35'	37°24'	77°52'	123°21'	321°21'	124°07'	308°20'
16.06.2050	85°05'	44°11'	50°55'	80°02'	124°30'	321°41'	124°18'	308°17'

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17.06.2050	86°02'	57°35'	64°13'	82°13'	125°39'	321°59'	124°30'	308°15'
18.06.2050	87°00'	70°48'	77°20'	84°24'	126°48'	322°18'	124°42'	308°12'
19.06.2050	87°57'	83°48'	90°13'	86°36'	127°57'	322°36'	124°53'	308°09'
20.06.2050	88°54'	96°35'	102°53'	88°48'	129°05'	322°53'	125°05'	308°06'
21.06.2050	89°51'	109°09'	115°21'	90°59'	130°14'	323°10'	125°17'	308°03'
22.06.2050	90°49'	121°30'	127°36'	93°11'	131°22'	323°26'	125°29'	308°00'
23.06.2050	91°46'	133°40'	139°41'	95°21'	132°30'	323°42'	125°41'	307°57'
24.06.2050	92°43'	145°40'	151°38'	97°31'	133°39'	323°57'	125°53'	307°54'
25.06.2050	93°41'	157°34'	163°30'	99°39'	134°47'	324°11'	126°05'	307°51'
26.06.2050	94°38'	169°26'	175°22'	101°47'	135°54'	324°25'	126°18'	307°48'
27.06.2050	95°35'	181°20'	187°19'	103°52'	137°02'	324°39'	126°30'	307°44'
28.06.2050	96°32'	193°20'	199°24'	105°56'	138°10'	324°51'	126°42'	307°41'
29.06.2050	97°29'	205°32'	211°43'	107°59'	139°17'	325°03'	126°54'	307°37'
30.06.2050	98°27'	218°00'	224°21'	109°59'	140°25'	325°15'	127°07'	307°34'
01.07.2050	99°24'	230°49'	237°22'	111°58'	141°32'	325°26'	127°19'	307°30'
02.07.2050	100°21'	244°02'	250°48'	113°55'	142°39'	325°36'	127°32'	307°27'
03.07.2050	101°18'	257°40'	264°39'	115°50'	143°46'	325°45'	127°44'	307°23'
04.07.2050	102°15'	271°43'	278°53'	117°42'	144°52'	325°54'	127°57'	307°19'
05.07.2050	103°13'	286°07'	293°26'	119°33'	145°59'	326°02'	128°09'	307°15'
06.07.2050	104°10'	300°47'	308°11'	121°22'	147°05'	326°09'	128°22'	307°11'
07.07.2050	105°07'	315°35'	322°59'	123°09'	148°11'	326°16'	128°34'	307°07'
08.07.2050	106°04'	330°22'	337°44'	124°53'	149°17'	326°22'	128°47'	307°03'
09.07.2050	107°01'	345°02'	352°17'	126°36'	150°23'	326°27'	129°00'	306°59'
10.07.2050	107°59'	359°28'	6°36'	128°16'	151°29'	326°32'	129°12'	306°55'
11.07.2050	108°56'	13°38'	20°37'	129°55'	152°34'	326°35'	129°25'	306°51'
12.07.2050	109°53'	27°30'	34°20'	131°31'	153°39'	326°38'	129°38'	306°47'
13.07.2050	110°50'	41°05'	47°46'	133°05'	154°45'	326°40'	129°51'	306°43'
14.07.2050	111°48'	54°24'	60°57'	134°38'	155°49'	326°42'	130°04'	306°39'
15.07.2050	112°45'	67°28'	73°55'	136°08'	156°54'	326°42'	130°17'	306°34'
16.07.2050	113°42'	80°20'	86°41'	137°36'	157°59'	326°42'	130°30'	306°30'
17.07.2050	114°39'	93°00'	99°17'	139°02'	159°03'	326°41'	130°43'	306°26'
18.07.2050	115°37'	105°30'	111°42'	140°26'	160°07'	326°39'	130°56'	306°22'
19.07.2050	116°34'	117°51'	123°57'	141°48'	161°11'	326°37'	131°09'	306°17'
20.07.2050	117°31'	130°02'	136°04'	143°07'	162°14'	326°34'	131°22'	306°13'
21.07.2050	118°28'	142°05'	148°04'	144°24'	163°18'	326°30'	131°35'	306°08'
22.07.2050	119°26'	154°01'	159°58'	145°39'	164°21'	326°25'	131°48'	306°04'
23.07.2050	120°23'	165°53'	171°48'	146°52'	165°24'	326°19'	132°01'	306°00'
24.07.2050	121°20'	177°43'	183°38'	148°02'	166°26'	326°13'	132°14'	305°55'
25.07.2050	122°18'	189°34'	195°32'	149°09'	167°29'	326°06'	132°27'	305°51'
26.07.2050	123°15'	201°32'	207°35'	150°14'	168°31'	325°58'	132°40'	305°46'
27.07.2050	124°12'	213°41'	219°52'	151°17'	169°33'	325°50'	132°53'	305°42'
28.07.2050	125°10'	226°07'	232°27'	152°16'	170°34'	325°40'	133°06'	305°37'
29.07.2050	126°07'	238°54'	245°26'	153°13'	171°35'	325°31'	133°20'	305°33'
30.07.2050	127°04'	252°06'	258°53'	154°06'	172°36'	325°20'	133°33'	305°28'
31.07.2050	128°02'	265°47'	272°49'	154°56'	173°37'	325°09'	133°46'	305°24'
01.08.2050	128°59'	279°58'	287°13'	155°43'	174°37'	324°58'	133°59'	305°19'
02.08.2050	129°56'	294°34'	302°01'	156°27'	175°37'	324°46'	134°12'	305°15'
03.08.2050	130°54'	309°31'	317°04'	157°07'	176°36'	324°33'	134°26'	305°11'
04.08.2050	131°51'	324°39'	332°14'	157°43'	177°35'	324°20'	134°39'	305°06'
05.08.2050	132°49'	339°48'	347°20'	158°15'	178°34'	324°07'	134°52'	305°02'
06.08.2050	133°46'	354°48'	2°12'	158°43'	179°33'	323°53'	135°05'	304°57'
07.08.2050	134°44'	9°31'	16°44'	159°06'	180°31'	323°38'	135°18'	304°53'
08.08.2050	135°41'	23°51'	30°52'	159°25'	181°28'	323°24'	135°32'	304°49'
09.08.2050	136°38'	37°47'	44°36'	159°39'	182°25'	323°09'	135°45'	304°44'
10.08.2050	137°36'	51°20'	57°58'	159°49'	183°22'	322°53'	135°58'	304°40'

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11.08.2050	138°34'	64°31'	71°00'	159°53'	184°18'	322°38'	136°11'	304°36'
12.08.2050	139°31'	77°25'	83°45'	159°51'	185°14'	322°22'	136°24'	304°31'
13.08.2050	140°29'	90°03'	96°17'	159°45'	186°09'	322°06'	136°38'	304°27'
14.08.2050	141°26'	102°29'	108°38'	159°32'	187°04'	321°51'	136°51'	304°23'
15.08.2050	142°24'	114°45'	120°50'	159°15'	187°58'	321°35'	137°04'	304°19'
16.08.2050	143°22'	126°53'	132°55'	158°52'	188°52'	321°19'	137°17'	304°15'
17.08.2050	144°19'	138°55'	144°54'	158°23'	189°45'	321°03'	137°30'	304°11'
18.08.2050	145°17'	150°51'	156°48'	157°50'	190°38'	320°47'	137°44'	304°07'
19.08.2050	146°15'	162°44'	168°39'	157°11'	191°30'	320°31'	137°57'	304°03'
20.08.2050	147°13'	174°34'	180°28'	156°28'	192°21'	320°16'	138°10'	303°59'
21.08.2050	148°10'	186°23'	192°19'	155°42'	193°12'	320°01'	138°23'	303°55'
22.08.2050	149°08'	198°15'	204°13'	154°52'	194°02'	319°46'	138°36'	303°51'
23.08.2050	150°06'	210°13'	216°16'	154°00'	194°52'	319°32'	138°49'	303°47'
24.08.2050	151°04'	222°22'	228°31'	153°07'	195°40'	319°17'	139°02'	303°44'
25.08.2050	152°02'	234°45'	241°04'	152°14'	196°28'	319°04'	139°15'	303°40'
26.08.2050	152°59'	247°28'	253°59'	151°21'	197°16'	318°51'	139°28'	303°36'
27.08.2050	153°57'	260°36'	267°20'	150°30'	198°02'	318°38'	139°41'	303°33'
28.08.2050	154°55'	274°12'	281°11'	149°42'	198°47'	318°26'	139°54'	303°29'
29.08.2050	155°53'	288°18'	295°32'	148°58'	199°32'	318°14'	140°07'	303°26'
30.08.2050	156°51'	302°53'	310°19'	148°20'	200°16'	318°03'	140°20'	303°23'
31.08.2050	157°49'	317°51'	325°27'	147°47'	200°59'	317°53'	140°33'	303°19'
01.09.2050	158°47'	333°05'	340°45'	147°21'	201°40'	317°43'	140°46'	303°16'
02.09.2050	159°45'	348°25'	356°03'	147°02'	202°21'	317°34'	140°59'	303°13'
03.09.2050	160°43'	3°38'	11°09'	146°52'	203°01'	317°26'	141°12'	303°10'
04.09.2050	161°41'	18°35'	25°55'	146°49'	203°39'	317°18'	141°24'	303°07'
05.09.2050	162°39'	33°08'	40°15'	146°55'	204°17'	317°11'	141°37'	303°04'
06.09.2050	163°38'	47°15'	54°08'	147°10'	204°53'	317°05'	141°50'	303°01'
07.09.2050	164°36'	60°54'	67°34'	147°34'	205°28'	316°59'	142°03'	302°58'
08.09.2050	165°34'	74°08'	80°36'	148°06'	206°02'	316°55'	142°15'	302°56'
09.09.2050	166°32'	87°00'	93°18'	148°46'	206°34'	316°51'	142°28'	302°53'
10.09.2050	167°30'	99°33'	105°44'	149°35'	207°05'	316°47'	142°40'	302°50'
11.09.2050	168°29'	111°51'	117°56'	150°31'	207°35'	316°45'	142°53'	302°48'
12.09.2050	169°27'	123°59'	130°00'	151°35'	208°03'	316°44'	143°05'	302°46'
13.09.2050	170°25'	135°59'	141°57'	152°45'	208°29'	316°43'	143°18'	302°43'
14.09.2050	171°24'	147°54'	153°51'	154°02'	208°54'	316°43'	143°30'	302°41'
15.09.2050	172°22'	159°46'	165°42'	155°24'	209°18'	316°44'	143°43'	302°39'
16.09.2050	173°21'	171°37'	177°32'	156°51'	209°39'	316°45'	143°55'	302°37'
17.09.2050	174°19'	183°28'	189°24'	158°23'	209°59'	316°48'	144°07'	302°35'
18.09.2050	175°18'	195°21'	201°19'	159°59'	210°17'	316°51'	144°19'	302°33'
19.09.2050	176°16'	207°18'	213°19'	161°38'	210°33'	316°55'	144°32'	302°31'
20.09.2050	177°15'	219°22'	225°27'	163°20'	210°47'	317°00'	144°44'	302°30'
21.09.2050	178°14'	231°35'	237°47'	165°04'	210°59'	317°06'	144°56'	302°28'
22.09.2050	179°12'	244°02'	250°21'	166°50'	211°09'	317°12'	145°08'	302°27'
23.09.2050	180°11'	256°46'	263°15'	168°37'	211°17'	317°19'	145°20'	302°25'
24.09.2050	181°10'	269°51'	276°32'	170°26'	211°23'	317°28'	145°31'	302°24'
25.09.2050	182°09'	283°20'	290°14'	172°15'	211°26'	317°36'	145°43'	302°23'
26.09.2050	183°07'	297°15'	304°23'	174°05'	211°27'	317°46'	145°55'	302°22'
27.09.2050	184°06'	311°37'	318°58'	175°55'	211°26'	317°56'	146°07'	302°21'
28.09.2050	185°05'	326°23'	333°53'	177°45'	211°22'	318°07'	146°18'	302°20'
29.09.2050	186°04'	341°27'	349°02'	179°35'	211°16'	318°19'	146°30'	302°19'
30.09.2050	187°03'	356°39'	4°16'	181°24'	211°07'	318°31'	146°41'	302°18'
01.10.2050	188°02'	11°51'	19°23'	183°13'	210°56'	318°44'	146°53'	302°18'
02.10.2050	189°01'	26°51'	34°14'	185°02'	210°43'	318°58'	147°04'	302°17'
03.10.2050	190°00'	41°32'	48°43'	186°50'	210°27'	319°13'	147°15'	302°17'
04.10.2050	190°59'	55°48'	62°45'	188°37'	210°09'	319°28'	147°27'	302°17'

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05.10.2050	191°58'	69°36'	76°20'	190°24'	209°49'	319°43'	147°38'	302°16'
06.10.2050	192°57'	82°58'	89°29'	192°10'	209°26'	320°00'	147°49'	302°16'
07.10.2050	193°56'	95°54'	102°14'	193°55'	209°02'	320°16'	148°00'	302°16'
08.10.2050	194°55'	108°29'	114°40'	195°39'	208°35'	320°34'	148°11'	302°16'
09.10.2050	195°54'	120°47'	126°51'	197°23'	208°06'	320°52'	148°21'	302°17'
10.10.2050	196°54'	132°53'	138°52'	199°06'	207°36'	321°11'	148°32'	302°17'
11.10.2050	197°53'	144°49'	150°46'	200°48'	207°05'	321°30'	148°43'	302°17'
12.10.2050	198°52'	156°41'	162°36'	202°29'	206°32'	321°50'	148°53'	302°18'
13.10.2050	199°52'	168°31'	174°27'	204°10'	205°57'	322°10'	149°04'	302°18'
14.10.2050	200°51'	180°23'	186°20'	205°50'	205°22'	322°31'	149°14'	302°19'
15.10.2050	201°50'	192°18'	198°17'	207°29'	204°46'	322°52'	149°24'	302°20'
16.10.2050	202°50'	204°18'	210°21'	209°07'	204°10'	323°14'	149°35'	302°21'
17.10.2050	203°49'	216°25'	222°32'	210°45'	203°33'	323°36'	149°45'	302°22'
18.10.2050	204°49'	228°41'	234°53'	212°22'	202°57'	323°59'	149°55'	302°23'
19.10.2050	205°48'	241°08'	247°26'	213°58'	202°20'	324°22'	150°05'	302°24'
20.10.2050	206°48'	253°47'	260°12'	215°34'	201°44'	324°46'	150°14'	302°25'
21.10.2050	207°48'	266°41'	273°14'	217°09'	201°09'	325°11'	150°24'	302°27'
22.10.2050	208°47'	279°51'	286°33'	218°44'	200°35'	325°35'	150°34'	302°28'
23.10.2050	209°47'	293°20'	300°11'	220°18'	200°02'	326°00'	150°43'	302°30'
24.10.2050	210°47'	307°08'	314°09'	221°51'	199°30'	326°26'	150°53'	302°32'
25.10.2050	211°47'	321°16'	328°27'	223°24'	199°00'	326°52'	151°02'	302°33'
26.10.2050	212°46'	335°42'	343°01'	224°57'	198°31'	327°18'	151°11'	302°35'
27.10.2050	213°46'	350°23'	357°48'	226°28'	198°04'	327°45'	151°20'	302°37'
28.10.2050	214°46'	5°14'	12°40'	228°00'	197°40'	328°12'	151°29'	302°39'
29.10.2050	215°46'	20°06'	27°31'	229°30'	197°17'	328°39'	151°38'	302°42'
30.10.2050	216°46'	34°54'	42°13'	231°00'	196°57'	329°07'	151°46'	302°44'
31.10.2050	217°46'	49°28'	56°39'	232°30'	196°39'	329°35'	151°55'	302°46'
01.11.2050	218°46'	63°44'	70°43'	233°59'	196°24'	330°04'	152°03'	302°49'
02.11.2050	219°46'	77°36'	84°23'	235°28'	196°11'	330°33'	152°12'	302°51'
03.11.2050	220°46'	91°03'	97°38'	236°56'	196°00'	331°02'	152°20'	302°54'
04.11.2050	221°46'	104°06'	110°29'	238°23'	195°52'	331°31'	152°28'	302°57'
05.11.2050	222°46'	116°46'	122°59'	239°50'	195°46'	332°01'	152°36'	303°00'
06.11.2050	223°46'	129°08'	135°13'	241°16'	195°43'	332°31'	152°44'	303°03'
07.11.2050	224°46'	141°15'	147°14'	242°42'	195°42'	333°01'	152°52'	303°06'
08.11.2050	225°46'	153°11'	159°07'	244°07'	195°44'	333°32'	152°59'	303°09'
09.11.2050	226°46'	165°02'	170°57'	245°31'	195°48'	334°02'	153°07'	303°12'
10.11.2050	227°47'	176°52'	182°48'	246°55'	195°55'	334°34'	153°14'	303°15'
11.11.2050	228°47'	188°46'	194°44'	248°17'	196°04'	335°05'	153°21'	303°19'
12.11.2050	229°47'	200°45'	206°48'	249°39'	196°15'	335°37'	153°28'	303°22'
13.11.2050	230°48'	212°54'	219°03'	251°00'	196°28'	336°08'	153°35'	303°26'
14.11.2050	231°48'	225°14'	231°29'	252°19'	196°43'	336°41'	153°42'	303°29'
15.11.2050	232°49'	237°48'	244°09'	253°37'	197°00'	337°13'	153°48'	303°33'
16.11.2050	233°49'	250°34'	257°03'	254°54'	197°20'	337°46'	153°54'	303°37'
17.11.2050	234°49'	263°35'	270°10'	256°09'	197°41'	338°18'	154°01'	303°41'
18.11.2050	235°50'	276°49'	283°31'	257°23'	198°04'	338°51'	154°07'	303°45'
19.11.2050	236°50'	290°16'	297°05'	258°34'	198°29'	339°25'	154°13'	303°49'
20.11.2050	237°51'	303°56'	310°50'	259°43'	198°56'	339°58'	154°19'	303°53'
21.11.2050	238°52'	317°47'	324°47'	260°50'	199°24'	340°32'	154°24'	303°57'
22.11.2050	239°52'	331°49'	338°54'	261°53'	199°54'	341°06'	154°30'	304°02'
23.11.2050	240°53'	346°00'	353°09'	262°53'	200°25'	341°40'	154°35'	304°06'
24.11.2050	241°53'	0°19'	7°30'	263°50'	200°58'	342°14'	154°40'	304°10'
25.11.2050	242°54'	14°42'	21°55'	264°41'	201°33'	342°48'	154°45'	304°15'
26.11.2050	243°55'	29°07'	36°18'	265°28'	202°09'	343°23'	154°50'	304°20'
27.11.2050	244°55'	43°28'	50°36'	266°10'	202°46'	343°58'	154°55'	304°24'
28.11.2050	245°56'	57°41'	64°44'	266°45'	203°24'	344°32'	154°59'	304°29'

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29.11.2050	246°57'	71°42'	78°36'	267°13'	204°04'	345°08'	155°03'	304°34'
30.11.2050	247°57'	85°26'	92°11'	267°33'	204°45'	345°43'	155°07'	304°39'
01.12.2050	248°58'	98°50'	105°24'	267°45'	205°27'	346°18'	155°11'	304°44'
02.12.2050	249°59'	111°54'	118°17'	267°47'	206°10'	346°54'	155°15'	304°49'
03.12.2050	251°00'	124°36'	130°51'	267°39'	206°55'	347°29'	155°19'	304°54'
04.12.2050	252°01'	137°00'	143°07'	267°20'	207°40'	348°05'	155°22'	304°59'
05.12.2050	253°02'	149°09'	155°09'	266°50'	208°26'	348°41'	155°26'	305°04'
06.12.2050	254°02'	161°07'	167°03'	266°09'	209°14'	349°17'	155°29'	305°10'
07.12.2050	255°03'	172°58'	178°53'	265°17'	210°02'	349°53'	155°31'	305°15'
08.12.2050	256°04'	184°48'	190°44'	264°15'	210°51'	350°29'	155°34'	305°20'
09.12.2050	257°05'	196°42'	202°42'	263°05'	211°41'	351°05'	155°37'	305°26'
10.12.2050	258°06'	208°44'	214°50'	261°47'	212°32'	351°42'	155°39'	305°31'
11.12.2050	259°07'	220°59'	227°12'	260°26'	213°23'	352°19'	155°41'	305°37'
12.12.2050	260°08'	233°30'	239°52'	259°03'	214°16'	352°55'	155°43'	305°43'
13.12.2050	261°09'	246°19'	252°51'	257°41'	215°09'	353°32'	155°45'	305°49'
14.12.2050	262°10'	259°27'	266°08'	256°23'	216°02'	354°09'	155°46'	305°54'
15.12.2050	263°11'	272°53'	279°42'	255°12'	216°57'	354°46'	155°48'	306°00'
16.12.2050	264°12'	286°35'	293°30'	254°09'	217°52'	355°23'	155°49'	306°06'
17.12.2050	265°13'	300°29'	307°30'	253°16'	218°47'	356°00'	155°50'	306°12'
18.12.2050	266°14'	314°32'	321°35'	252°33'	219°44'	356°38'	155°51'	306°18'
19.12.2050	267°15'	328°40'	335°44'	252°01'	220°41'	357°15'	155°51'	306°24'
20.12.2050	268°17'	342°49'	349°54'	251°41'	221°38'	357°53'	155°52'	306°30'
21.12.2050	269°18'	356°58'	4°02'	251°31'	222°36'	358°30'	155°52'	306°36'
22.12.2050	270°19'	11°05'	18°06'	251°31'	223°34'	359°08'	155°52'	306°43'
23.12.2050	271°20'	25°07'	32°07'	251°41'	224°33'	359°46'	155°52'	306°49'
24.12.2050	272°21'	39°06'	46°03'	251°59'	225°32'	0°23'	155°51'	306°55'
25.12.2050	273°22'	52°59'	59°52'	252°25'	226°32'	1°01'	155°51'	307°02'
26.12.2050	274°23'	66°44'	73°33'	252°58'	227°32'	1°39'	155°50'	307°08'
27.12.2050	275°24'	80°20'	87°04'	253°37'	228°33'	2°17'	155°49'	307°14'
28.12.2050	276°25'	93°44'	100°21'	254°22'	229°34'	2°55'	155°48'	307°21'
29.12.2050	277°26'	106°54'	113°23'	255°12'	230°36'	3°33'	155°47'	307°27'
30.12.2050	278°28'	119°48'	126°09'	256°07'	231°38'	4°12'	155°45'	307°34'
31.12.2050	279°29'	132°26'	138°39'	257°05'	232°40'	4°50'	155°43'	307°41'
01.01.2051	280°30'	144°48'	150°54'	258°07'	233°43'	5°28'	155°41'	307°47'
02.01.2051	281°31'	156°56'	162°56'	259°12'	234°46'	6°07'	155°39'	307°54'
03.01.2051	282°32'	168°54'	174°50'	260°20'	235°49'	6°45'	155°37'	308°01'
04.01.2051	283°33'	180°44'	186°39'	261°30'	236°53'	7°23'	155°34'	308°07'
05.01.2051	284°34'	192°33'	198°29'	262°42'	237°57'	8°02'	155°32'	308°14'
06.01.2051	285°36'	204°26'	210°25'	263°56'	239°01'	8°40'	155°29'	308°21'
07.01.2051	286°37'	216°27'	222°33'	265°12'	240°06'	9°19'	155°26'	308°28'
08.01.2051	287°38'	228°43'	234°58'	266°30'	241°11'	9°58'	155°23'	308°35'
09.01.2051	288°39'	241°18'	247°43'	267°48'	242°16'	10°36'	155°19'	308°41'
10.01.2051	289°40'	254°15'	260°53'	269°09'	243°21'	11°15'	155°15'	308°48'
11.01.2051	290°41'	267°37'	274°27'	270°30'	244°27'	11°54'	155°12'	308°55'
12.01.2051	291°43'	281°23'	288°24'	271°52'	245°33'	12°33'	155°08'	309°02'
13.01.2051	292°44'	295°30'	302°40'	273°15'	246°39'	13°11'	155°04'	309°09'
14.01.2051	293°45'	309°53'	317°08'	274°40'	247°45'	13°50'	154°59'	309°16'
15.01.2051	294°46'	324°25'	331°42'	276°05'	248°52'	14°29'	154°55'	309°23'
16.01.2051	295°47'	338°59'	346°15'	277°31'	249°59'	15°08'	154°50'	309°30'
17.01.2051	296°48'	353°30'	0°41'	278°57'	251°06'	15°47'	154°45'	309°37'
18.01.2051	297°49'	7°51'	14°57'	280°24'	252°13'	16°26'	154°40'	309°44'
19.01.2051	298°50'	22°00'	29°00'	281°52'	253°20'	17°05'	154°35'	309°52'
20.01.2051	299°52'	35°57'	42°51'	283°21'	254°28'	17°44'	154°30'	309°59'
21.01.2051	300°53'	49°42'	56°30'	284°50'	255°36'	18°23'	154°24'	310°06'
22.01.2051	301°54'	63°14'	69°57'	286°20'	256°44'	19°03'	154°19'	310°13'

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23.01.2051	302°55'	76°36'	83°13'	287°51'	257°52'	19°42'	154°13'	310°20'
24.01.2051	303°56'	89°47'	96°19'	289°22'	259°00'	20°21'	154°07'	310°27'
25.01.2051	304°57'	102°48'	109°14'	290°54'	260°08'	21°00'	154°01'	310°34'
26.01.2051	305°58'	115°38'	121°58'	292°27'	261°17'	21°39'	153°55'	310°41'
27.01.2051	306°59'	128°16'	134°30'	294°00'	262°26'	22°18'	153°48'	310°49'
28.01.2051	308°00'	140°41'	146°50'	295°33'	263°35'	22°58'	153°42'	310°56'
29.01.2051	309°01'	152°56'	158°59'	297°08'	264°44'	23°37'	153°36'	311°03'
30.01.2051	310°02'	164°59'	170°57'	298°43'	265°53'	24°16'	153°29'	311°10'
31.01.2051	311°02'	176°54'	182°49'	300°18'	267°02'	24°55'	153°22'	311°17'
01.02.2051	312°03'	188°43'	194°36'	301°55'	268°12'	25°35'	153°15'	311°25'
02.02.2051	313°04'	200°30'	206°25'	303°32'	269°21'	26°14'	153°08'	311°32'
03.02.2051	314°05'	212°21'	218°19'	305°09'	270°31'	26°53'	153°01'	311°39'
04.02.2051	315°06'	224°20'	230°24'	306°48'	271°41'	27°33'	152°54'	311°46'
05.02.2051	316°07'	236°33'	242°46'	308°27'	272°50'	28°12'	152°47'	311°53'
06.02.2051	317°08'	249°05'	255°30'	310°07'	274°01'	28°51'	152°39'	312°00'
07.02.2051	318°09'	262°02'	268°41'	311°48'	275°11'	29°31'	152°32'	312°08'
08.02.2051	319°09'	275°26'	282°19'	313°29'	276°21'	30°10'	152°24'	312°15'
09.02.2051	320°10'	289°19'	296°26'	315°11'	277°31'	30°49'	152°17'	312°22'
10.02.2051	321°11'	303°39'	310°57'	316°54'	278°42'	31°29'	152°09'	312°29'
11.02.2051	322°12'	318°20'	325°46'	318°38'	279°52'	32°08'	152°02'	312°36'
12.02.2051	323°12'	333°15'	340°45'	320°23'	281°03'	32°47'	151°54'	312°43'
13.02.2051	324°13'	348°15'	355°44'	322°08'	282°13'	33°27'	151°46'	312°50'
14.02.2051	325°14'	3°11'	10°34'	323°55'	283°24'	34°06'	151°38'	312°58'
15.02.2051	326°15'	17°54'	25°09'	325°42'	284°35'	34°46'	151°30'	313°05'
16.02.2051	327°15'	32°19'	39°25'	327°30'	285°46'	35°25'	151°22'	313°12'
17.02.2051	328°16'	46°25'	53°20'	329°18'	286°57'	36°04'	151°15'	313°19'
18.02.2051	329°16'	60°10'	66°56'	331°08'	288°08'	36°44'	151°07'	313°26'
19.02.2051	330°17'	73°37'	80°14'	332°58'	289°19'	37°23'	150°59'	313°33'
20.02.2051	331°17'	86°47'	93°16'	334°49'	290°30'	38°02'	150°51'	313°40'
21.02.2051	332°18'	99°41'	106°04'	336°40'	291°41'	38°42'	150°43'	313°47'
22.02.2051	333°18'	112°24'	118°40'	338°32'	292°53'	39°21'	150°35'	313°54'
23.02.2051	334°19'	124°54'	131°06'	340°25'	294°04'	40°01'	150°27'	314°01'
24.02.2051	335°19'	137°15'	143°22'	342°18'	295°15'	40°40'	150°19'	314°07'
25.02.2051	336°20'	149°27'	155°30'	344°11'	296°27'	41°19'	150°11'	314°14'
26.02.2051	337°20'	161°31'	167°30'	346°04'	297°38'	41°59'	150°04'	314°21'
27.02.2051	338°20'	173°27'	179°23'	347°57'	298°50'	42°38'	149°56'	314°28'
28.02.2051	339°20'	185°18'	191°12'	349°49'	300°02'	43°17'	149°48'	314°35'
01.03.2051	340°21'	197°06'	203°00'	351°41'	301°13'	43°57'	149°40'	314°41'
02.03.2051	341°21'	208°54'	214°48'	353°31'	302°25'	44°36'	149°33'	314°48'
03.03.2051	342°21'	220°45'	226°43'	355°21'	303°37'	45°15'	149°25'	314°55'
04.03.2051	343°21'	232°43'	238°47'	357°08'	304°49'	45°55'	149°18'	315°01'
05.03.2051	344°21'	244°55'	251°07'	358°53'	306°01'	46°34'	149°10'	315°08'
06.03.2051	345°22'	257°24'	263°47'	0°36'	307°13'	47°13'	149°03'	315°15'
07.03.2051	346°22'	270°16'	276°52'	2°15'	308°25'	47°53'	148°56'	315°21'
08.03.2051	347°22'	283°34'	290°24'	3°51'	309°37'	48°32'	148°48'	315°28'
09.03.2051	348°22'	297°22'	304°27'	5°22'	310°49'	49°11'	148°41'	315°34'
10.03.2051	349°22'	311°38'	318°57'	6°49'	312°01'	49°50'	148°34'	315°40'
11.03.2051	350°22'	326°21'	333°50'	8°10'	313°13'	50°30'	148°27'	315°47'
12.03.2051	351°22'	341°23'	348°58'	9°25'	314°25'	51°09'	148°20'	315°53'
13.03.2051	352°22'	356°35'	4°12'	10°34'	315°38'	51°48'	148°14'	315°59'
14.03.2051	353°22'	11°47'	19°20'	11°36'	316°50'	52°27'	148°07'	316°06'
15.03.2051	354°21'	26°50'	34°15'	12°30'	318°02'	53°07'	148°01'	316°12'
16.03.2051	355°21'	41°35'	48°49'	13°17'	319°15'	53°46'	147°54'	316°18'
17.03.2051	356°21'	55°57'	62°59'	13°57'	320°27'	54°25'	147°48'	316°24'
18.03.2051	357°21'	69°54'	76°43'	14°28'	321°39'	55°04'	147°42'	316°30'

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19.03.2051	358°21'	83°27'	90°04'	14°50'	322°52'	55°43'	147°36'	316°36'
20.03.2051	359°20'	96°36'	103°04'	15°05'	324°04'	56°23'	147°30'	316°42'
21.03.2051	0°20'	109°26'	115°45'	15°11'	325°17'	57°02'	147°25'	316°48'
22.03.2051	1°19'	121°59'	128°11'	15°09'	326°29'	57°41'	147°19'	316°54'
23.03.2051	2°19'	134°19'	140°24'	14°59'	327°42'	58°20'	147°14'	316°59'
24.03.2051	3°19'	146°27'	152°29'	14°41'	328°54'	58°59'	147°08'	317°05'
25.03.2051	4°18'	158°28'	164°26'	14°17'	330°07'	59°38'	147°03'	317°11'
26.03.2051	5°18'	170°23'	176°18'	13°46'	331°19'	60°17'	146°58'	317°16'
27.03.2051	6°17'	182°13'	188°08'	13°10'	332°32'	60°56'	146°54'	317°22'
28.03.2051	7°16'	194°02'	199°56'	12°29'	333°44'	61°35'	146°49'	317°27'
29.03.2051	8°16'	205°50'	211°45'	11°43'	334°57'	62°14'	146°45'	317°33'
30.03.2051	9°15'	217°41'	223°39'	10°55'	336°10'	62°53'	146°40'	317°38'
31.03.2051	10°14'	229°37'	235°38'	10°06'	337°22'	63°32'	146°36'	317°44'
01.04.2051	11°14'	241°41'	247°47'	9°15'	338°35'	64°11'	146°32'	317°49'
02.04.2051	12°13'	253°57'	260°10'	8°24'	339°48'	64°50'	146°28'	317°54'
03.04.2051	13°12'	266°28'	272°50'	7°35'	341°01'	65°29'	146°25'	317°59'
04.04.2051	14°11'	279°18'	285°51'	6°48'	342°13'	66°08'	146°21'	318°04'
05.04.2051	15°10'	292°31'	299°17'	6°04'	343°26'	66°47'	146°18'	318°09'
06.04.2051	16°09'	306°09'	313°08'	5°23'	344°39'	67°26'	146°15'	318°14'
07.04.2051	17°08'	320°14'	327°26'	4°47'	345°52'	68°05'	146°12'	318°19'
08.04.2051	18°07'	334°44'	342°08'	4°15'	347°04'	68°44'	146°09'	318°24'
09.04.2051	19°06'	349°36'	357°07'	3°48'	348°17'	69°23'	146°07'	318°28'
10.04.2051	20°05'	4°42'	12°18'	3°26'	349°30'	70°02'	146°05'	318°33'
11.04.2051	21°04'	19°54'	27°29'	3°09'	350°43'	70°41'	146°02'	318°37'
12.04.2051	22°03'	35°02'	42°32'	2°58'	351°56'	71°20'	146°00'	318°42'
13.04.2051	23°02'	49°57'	57°17'	2°53'	353°09'	71°58'	145°59'	318°46'
14.04.2051	24°01'	64°32'	71°40'	2°52'	354°22'	72°37'	145°57'	318°51'
15.04.2051	25°00'	78°42'	85°37'	2°57'	355°35'	73°16'	145°56'	318°55'
16.04.2051	25°59'	92°26'	99°07'	3°07'	356°47'	73°55'	145°54'	318°59'
17.04.2051	26°57'	105°43'	112°12'	3°22'	358°00'	74°34'	145°53'	319°03'
18.04.2051	27°56'	118°36'	124°54'	3°42'	359°13'	75°12'	145°53'	319°07'
19.04.2051	28°55'	131°08'	137°18'	4°06'	0°26'	75°51'	145°52'	319°11'
20.04.2051	29°53'	143°24'	149°27'	4°34'	1°39'	76°30'	145°51'	319°15'
21.04.2051	30°52'	155°27'	161°25'	5°07'	2°52'	77°09'	145°51'	319°19'
22.04.2051	31°51'	167°22'	173°17'	5°44'	4°05'	77°47'	145°51'	319°22'
23.04.2051	32°49'	179°11'	185°05'	6°25'	5°18'	78°26'	145°51'	319°26'
24.04.2051	33°48'	190°59'	196°54'	7°09'	6°31'	79°05'	145°51'	319°29'
25.04.2051	34°46'	202°48'	208°44'	7°57'	7°44'	79°43'	145°52'	319°33'
26.04.2051	35°44'	214°41'	220°39'	8°48'	8°57'	80°22'	145°53'	319°36'
27.04.2051	36°43'	226°39'	232°41'	9°43'	10°10'	81°00'	145°53'	319°40'
28.04.2051	37°41'	238°45'	244°51'	10°40'	11°23'	81°39'	145°54'	319°43'
29.04.2051	38°40'	251°00'	257°12'	11°41'	12°36'	82°18'	145°56'	319°46'
30.04.2051	39°38'	263°28'	269°46'	12°44'	13°49'	82°56'	145°57'	319°49'
01.05.2051	40°36'	276°08'	282°35'	13°50'	15°02'	83°35'	145°59'	319°52'
02.05.2051	41°34'	289°05'	295°40'	14°58'	16°15'	84°13'	146°00'	319°55'
03.05.2051	42°33'	302°20'	309°04'	16°09'	17°28'	84°52'	146°02'	319°57'
04.05.2051	43°31'	315°54'	322°48'	17°23'	18°41'	85°30'	146°04'	320°00'
05.05.2051	44°29'	329°48'	336°53'	18°39'	19°54'	86°09'	146°07'	320°03'
06.05.2051	45°27'	344°02'	351°17'	19°57'	21°07'	86°47'	146°09'	320°05'
07.05.2051	46°25'	358°35'	5°57'	21°18'	22°20'	87°26'	146°12'	320°07'
08.05.2051	47°23'	13°22'	20°50'	22°41'	23°33'	88°04'	146°14'	320°10'
09.05.2051	48°21'	28°18'	35°47'	24°06'	24°46'	88°43'	146°17'	320°12'
10.05.2051	49°20'	43°15'	50°41'	25°33'	25°59'	89°21'	146°21'	320°14'
11.05.2051	50°18'	58°04'	65°24'	27°02'	27°12'	90°00'	146°24'	320°16'
12.05.2051	51°16'	72°40'	79°50'	28°33'	28°26'	90°38'	146°27'	320°18'

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13.05.2051	52°14'	86°54'	93°52'	30°07'	29°39'	91°16'	146°31'	320°20'
14.05.2051	53°11'	100°44'	107°29'	31°42'	30°52'	91°55'	146°35'	320°21'
15.05.2051	54°09'	114°07'	120°39'	33°20'	32°05'	92°33'	146°39'	320°23'
16.05.2051	55°07'	127°06'	133°26'	35°00'	33°18'	93°11'	146°43'	320°24'
17.05.2051	56°05'	139°41'	145°52'	36°41'	34°31'	93°50'	146°47'	320°26'
18.05.2051	57°03'	151°58'	158°01'	38°25'	35°44'	94°28'	146°52'	320°27'
19.05.2051	58°01'	164°01'	169°58'	40°11'	36°57'	95°06'	146°56'	320°28'
20.05.2051	58°59'	175°54'	181°48'	41°59'	38°10'	95°45'	147°01'	320°30'
21.05.2051	59°56'	187°42'	193°36'	43°49'	39°23'	96°23'	147°06'	320°31'
22.05.2051	60°54'	199°30'	205°25'	45°41'	40°37'	97°01'	147°11'	320°32'
23.05.2051	61°52'	211°22'	217°20'	47°35'	41°50'	97°40'	147°17'	320°32'
24.05.2051	62°49'	223°20'	229°23'	49°31'	43°03'	98°18'	147°22'	320°33'
25.05.2051	63°47'	235°29'	241°37'	51°30'	44°16'	98°56'	147°28'	320°34'
26.05.2051	64°45'	247°48'	254°02'	53°30'	45°29'	99°34'	147°33'	320°34'
27.05.2051	65°42'	260°20'	266°41'	55°32'	46°42'	100°13'	147°39'	320°35'
28.05.2051	66°40'	273°06'	279°33'	57°35'	47°55'	100°51'	147°45'	320°35'
29.05.2051	67°37'	286°05'	292°39'	59°41'	49°08'	101°29'	147°51'	320°35'
30.05.2051	68°35'	299°17'	305°58'	61°48'	50°22'	102°07'	147°58'	320°35'
31.05.2051	69°33'	312°43'	319°31'	63°56'	51°35'	102°45'	148°04'	320°36'
01.06.2051	70°30'	326°22'	333°16'	66°06'	52°48'	103°23'	148°11'	320°35'
02.06.2051	71°28'	340°14'	347°15'	68°16'	54°01'	104°02'	148°17'	320°35'
03.06.2051	72°25'	354°18'	1°25'	70°27'	55°14'	104°40'	148°24'	320°35'
04.06.2051	73°23'	8°34'	15°46'	72°39'	56°28'	105°18'	148°31'	320°35'
05.06.2051	74°20'	23°00'	30°16'	74°51'	57°41'	105°56'	148°38'	320°34'
06.06.2051	75°17'	37°32'	44°49'	77°03'	58°54'	106°34'	148°45'	320°34'
07.06.2051	76°15'	52°06'	59°23'	79°15'	60°07'	107°12'	148°53'	320°33'
08.06.2051	77°12'	66°37'	73°49'	81°27'	61°21'	107°50'	149°00'	320°32'
09.06.2051	78°10'	80°58'	88°03'	83°37'	62°34'	108°29'	149°08'	320°32'
10.06.2051	79°07'	95°03'	101°59'	85°46'	63°47'	109°07'	149°16'	320°31'
11.06.2051	80°05'	108°49'	115°33'	87°54'	65°00'	109°45'	149°23'	320°30'
12.06.2051	81°02'	122°11'	128°44'	90°01'	66°14'	110°23'	149°31'	320°29'
13.06.2051	81°59'	135°10'	141°31'	92°06'	67°27'	111°01'	149°39'	320°27'
14.06.2051	82°57'	147°47'	153°58'	94°09'	68°40'	111°39'	149°48'	320°26'
15.06.2051	83°54'	160°05'	166°09'	96°10'	69°54'	112°17'	149°56'	320°25'
16.06.2051	84°51'	172°09'	178°06'	98°09'	71°07'	112°55'	150°04'	320°23'
17.06.2051	85°49'	184°02'	189°57'	100°06'	72°20'	113°33'	150°13'	320°22'
18.06.2051	86°46'	195°51'	201°45'	102°01'	73°34'	114°11'	150°22'	320°20'
19.06.2051	87°43'	207°40'	213°37'	103°53'	74°47'	114°49'	150°30'	320°18'
20.06.2051	88°41'	219°35'	225°36'	105°44'	76°00'	115°27'	150°39'	320°16'
21.06.2051	89°38'	231°40'	237°47'	107°32'	77°14'	116°05'	150°48'	320°14'
22.06.2051	90°35'	243°57'	250°12'	109°17'	78°27'	116°43'	150°57'	320°12'
23.06.2051	91°32'	256°31'	262°54'	111°01'	79°40'	117°21'	151°07'	320°10'
24.06.2051	92°29'	269°21'	275°53'	112°41'	80°54'	117°59'	151°16'	320°08'
25.06.2051	93°27'	282°28'	289°07'	114°20'	82°07'	118°37'	151°25'	320°06'
26.06.2051	94°24'	295°50'	302°37'	115°56'	83°21'	119°15'	151°35'	320°03'
27.06.2051	95°21'	309°26'	316°18'	117°30'	84°34'	119°53'	151°44'	320°01'
28.06.2051	96°18'	323°12'	330°08'	119°02'	85°47'	120°31'	151°54'	319°58'
29.06.2051	97°16'	337°06'	344°06'	120°31'	87°01'	121°09'	152°04'	319°56'
30.06.2051	98°13'	351°06'	358°08'	121°57'	88°14'	121°47'	152°14'	319°53'
01.07.2051	99°10'	5°11'	12°15'	123°22'	89°28'	122°25'	152°24'	319°50'
02.07.2051	100°07'	19°19'	26°24'	124°43'	90°41'	123°03'	152°34'	319°47'
03.07.2051	101°04'	33°29'	40°35'	126°02'	91°55'	123°41'	152°44'	319°45'
04.07.2051	102°02'	47°40'	54°46'	127°19'	93°09'	124°19'	152°54'	319°42'
05.07.2051	102°59'	61°50'	68°54'	128°33'	94°22'	124°57'	153°04'	319°38'
06.07.2051	103°56'	75°56'	82°56'	129°44'	95°36'	125°35'	153°15'	319°35'

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07.07.2051	104°53'	89°53'	96°48'	130°53'	96°49'	126°13'	153°25'	319°32'
08.07.2051	105°50'	103°39'	110°26'	131°59'	98°03'	126°51'	153°36'	319°29'
09.07.2051	106°48'	117°09'	123°47'	133°02'	99°16'	127°28'	153°46'	319°25'
10.07.2051	107°45'	130°21'	136°49'	134°01'	100°30'	128°06'	153°57'	319°22'
11.07.2051	108°42'	143°13'	149°32'	134°58'	101°44'	128°44'	154°08'	319°19'
12.07.2051	109°39'	155°46'	161°56'	135°52'	102°57'	129°22'	154°19'	319°15'
13.07.2051	110°37'	168°02'	174°05'	136°42'	104°11'	130°00'	154°30'	319°11'
14.07.2051	111°34'	180°04'	186°02'	137°29'	105°25'	130°38'	154°41'	319°08'
15.07.2051	112°31'	191°57'	197°52'	138°12'	106°39'	131°16'	154°52'	319°04'
16.07.2051	113°28'	203°46'	209°40'	138°51'	107°52'	131°54'	155°03'	319°00'
17.07.2051	114°26'	215°36'	221°33'	139°27'	109°06'	132°32'	155°14'	318°56'
18.07.2051	115°23'	227°32'	233°35'	139°59'	110°20'	133°10'	155°25'	318°52'
19.07.2051	116°20'	239°40'	245°50'	140°26'	111°33'	133°48'	155°37'	318°49'
20.07.2051	117°17'	252°05'	258°24'	140°49'	112°47'	134°26'	155°48'	318°45'
21.07.2051	118°14'	264°48'	271°18'	141°07'	114°01'	135°04'	156°00'	318°41'
22.07.2051	119°12'	277°53'	284°34'	141°21'	115°15'	135°42'	156°11'	318°36'
23.07.2051	120°09'	291°19'	298°10'	141°31'	116°29'	136°20'	156°23'	318°32'
24.07.2051	121°06'	305°05'	312°03'	141°35'	117°42'	136°58'	156°34'	318°28'
25.07.2051	122°04'	319°05'	326°10'	141°34'	118°56'	137°36'	156°46'	318°24'
26.07.2051	123°01'	333°17'	340°25'	141°29'	120°10'	138°13'	156°58'	318°20'
27.07.2051	123°58'	347°34'	354°43'	141°18'	121°24'	138°51'	157°10'	318°16'
28.07.2051	124°55'	1°52'	9°01'	141°03'	122°38'	139°29'	157°22'	318°11'
29.07.2051	125°53'	16°08'	23°14'	140°42'	123°52'	140°07'	157°33'	318°07'
30.07.2051	126°50'	30°19'	37°23'	140°17'	125°06'	140°45'	157°45'	318°03'
31.07.2051	127°47'	44°24'	51°25'	139°47'	126°20'	141°23'	157°57'	317°58'
01.08.2051	128°45'	58°23'	65°19'	139°14'	127°34'	142°01'	158°09'	317°54'
02.08.2051	129°42'	72°14'	79°06'	138°36'	128°48'	142°39'	158°22'	317°49'
03.08.2051	130°40'	85°56'	92°44'	137°56'	130°02'	143°17'	158°34'	317°45'
04.08.2051	131°37'	99°29'	106°12'	137°12'	131°16'	143°55'	158°46'	317°41'
05.08.2051	132°35'	112°51'	119°27'	136°27'	132°30'	144°33'	158°58'	317°36'
06.08.2051	133°32'	126°00'	132°29'	135°41'	133°44'	145°11'	159°11'	317°32'
07.08.2051	134°30'	138°54'	145°15'	134°54'	134°58'	145°49'	159°23'	317°27'
08.08.2051	135°27'	151°33'	157°46'	134°08'	136°12'	146°27'	159°35'	317°23'
09.08.2051	136°25'	163°56'	170°03'	133°24'	137°26'	147°05'	159°48'	317°18'
10.08.2051	137°22'	176°06'	182°07'	132°41'	138°40'	147°43'	160°00'	317°14'
11.08.2051	138°20'	188°05'	194°01'	132°02'	139°54'	148°21'	160°13'	317°09'
12.08.2051	139°17'	199°55'	205°49'	131°26'	141°08'	148°59'	160°25'	317°05'
13.08.2051	140°15'	211°43'	217°37'	130°56'	142°23'	149°37'	160°38'	317°00'
14.08.2051	141°12'	223°32'	229°29'	130°30'	143°37'	150°15'	160°50'	316°56'
15.08.2051	142°10'	235°28'	241°30'	130°11'	144°51'	150°54'	161°03'	316°51'
16.08.2051	143°08'	247°36'	253°47'	129°57'	146°05'	151°32'	161°16'	316°47'
17.08.2051	144°05'	260°02'	266°23'	129°51'	147°19'	152°10'	161°28'	316°42'
18.08.2051	145°03'	272°49'	279°22'	129°52'	148°33'	152°48'	161°41'	316°38'
19.08.2051	146°01'	286°01'	292°46'	130°00'	149°48'	153°26'	161°54'	316°33'
20.08.2051	146°58'	299°38'	306°36'	130°15'	151°02'	154°04'	162°06'	316°29'
21.08.2051	147°56'	313°39'	320°47'	130°38'	152°16'	154°42'	162°19'	316°25'
22.08.2051	148°54'	328°00'	335°16'	131°09'	153°30'	155°20'	162°32'	316°20'
23.08.2051	149°52'	342°35'	349°56'	131°47'	154°45'	155°58'	162°45'	316°16'
24.08.2051	150°49'	357°17'	4°39'	132°32'	155°59'	156°36'	162°58'	316°12'
25.08.2051	151°47'	11°59'	19°18'	133°25'	157°13'	157°15'	163°10'	316°07'
26.08.2051	152°45'	26°35'	33°49'	134°24'	158°27'	157°53'	163°23'	316°03'
27.08.2051	153°43'	41°00'	48°08'	135°30'	159°42'	158°31'	163°36'	315°59'
28.08.2051	154°41'	55°12'	62°12'	136°42'	160°56'	159°09'	163°49'	315°55'
29.08.2051	155°39'	69°09'	76°01'	138°01'	162°10'	159°47'	164°02'	315°51'
30.08.2051	156°37'	82°51'	89°36'	139°25'	163°25'	160°25'	164°15'	315°47'

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31.08.2051	157°35'	96°18'	102°57'	140°54'	164°39'	161°04'	164°28'	315°43'
01.09.2051	158°33'	109°32'	116°03'	142°27'	165°53'	161°42'	164°41'	315°39'
02.09.2051	159°31'	122°32'	128°57'	144°05'	167°08'	162°20'	164°54'	315°35'
03.09.2051	160°29'	135°19'	141°38'	145°47'	168°22'	162°58'	165°07'	315°31'
04.09.2051	161°27'	147°54'	154°07'	147°32'	169°36'	163°37'	165°20'	315°27'
05.09.2051	162°25'	160°16'	166°23'	149°19'	170°51'	164°15'	165°33'	315°23'
06.09.2051	163°23'	172°28'	178°29'	151°09'	172°05'	164°53'	165°46'	315°20'
07.09.2051	164°22'	184°29'	190°26'	153°00'	173°20'	165°32'	165°59'	315°16'
08.09.2051	165°20'	196°22'	202°17'	154°53'	174°34'	166°10'	166°12'	315°12'
09.09.2051	166°18'	208°10'	214°03'	156°47'	175°49'	166°48'	166°25'	315°09'
10.09.2051	167°16'	219°56'	225°50'	158°41'	177°03'	167°27'	166°38'	315°05'
11.09.2051	168°15'	231°45'	237°41'	160°36'	178°17'	168°05'	166°51'	315°02'
12.09.2051	169°13'	243°40'	249°41'	162°31'	179°32'	168°43'	167°04'	314°59'
13.09.2051	170°11'	255°47'	261°56'	164°26'	180°46'	169°22'	167°17'	314°56'
14.09.2051	171°10'	268°10'	274°30'	166°20'	182°01'	170°00'	167°30'	314°52'
15.09.2051	172°08'	280°55'	287°27'	168°15'	183°15'	170°39'	167°43'	314°49'
16.09.2051	173°07'	294°05'	300°50'	170°08'	184°29'	171°17'	167°56'	314°46'
17.09.2051	174°05'	307°42'	314°41'	172°01'	185°44'	171°55'	168°09'	314°43'
18.09.2051	175°03'	321°46'	328°58'	173°53'	186°58'	172°34'	168°22'	314°40'
19.09.2051	176°02'	336°15'	343°38'	175°44'	188°13'	173°12'	168°35'	314°38'
20.09.2051	177°01'	351°04'	358°33'	177°34'	189°27'	173°51'	168°48'	314°35'
21.09.2051	177°59'	6°04'	13°36'	179°24'	190°42'	174°29'	169°01'	314°32'
22.09.2051	178°58'	21°08'	28°38'	181°12'	191°56'	175°08'	169°14'	314°30'
23.09.2051	179°56'	36°06'	43°30'	183°00'	193°11'	175°46'	169°27'	314°27'
24.09.2051	180°55'	50°51'	58°07'	184°46'	194°25'	176°25'	169°40'	314°25'
25.09.2051	181°54'	65°18'	72°24'	186°32'	195°39'	177°04'	169°52'	314°22'
26.09.2051	182°53'	79°24'	86°19'	188°17'	196°54'	177°42'	170°05'	314°20'
27.09.2051	183°51'	93°08'	99°52'	190°00'	198°08'	178°21'	170°18'	314°18'
28.09.2051	184°50'	106°31'	113°05'	191°43'	199°23'	178°59'	170°31'	314°16'
29.09.2051	185°49'	119°35'	126°00'	193°25'	200°37'	179°38'	170°44'	314°14'
30.09.2051	186°48'	132°20'	138°38'	195°06'	201°52'	180°17'	170°56'	314°12'
01.10.2051	187°47'	144°51'	151°02'	196°45'	203°06'	180°55'	171°09'	314°10'
02.10.2051	188°46'	157°10'	163°15'	198°25'	204°21'	181°34'	171°22'	314°09'
03.10.2051	189°45'	169°18'	175°18'	200°03'	205°35'	182°13'	171°35'	314°07'
04.10.2051	190°44'	181°17'	187°15'	201°40'	206°50'	182°52'	171°47'	314°06'
05.10.2051	191°43'	193°10'	199°05'	203°17'	208°04'	183°30'	172°00'	314°04'
06.10.2051	192°42'	204°59'	210°53'	204°52'	209°19'	184°09'	172°13'	314°03'
07.10.2051	193°41'	216°46'	222°39'	206°27'	210°33'	184°48'	172°25'	314°02'
08.10.2051	194°41'	228°33'	234°28'	208°02'	211°47'	185°27'	172°38'	314°01'
09.10.2051	195°40'	240°23'	246°21'	209°35'	213°02'	186°06'	172°50'	314°00'
10.10.2051	196°39'	252°21'	258°23'	211°07'	214°16'	186°45'	173°03'	313°59'
11.10.2051	197°38'	264°28'	270°37'	212°39'	215°31'	187°23'	173°15'	313°58'
12.10.2051	198°38'	276°50'	283°08'	214°10'	216°45'	188°02'	173°27'	313°57'
13.10.2051	199°37'	289°31'	296°00'	215°41'	218°00'	188°41'	173°40'	313°57'
14.10.2051	200°36'	302°34'	309°15'	217°10'	219°14'	189°20'	173°52'	313°56'
15.10.2051	201°36'	316°03'	322°57'	218°39'	220°29'	189°59'	174°04'	313°56'
16.10.2051	202°35'	329°59'	337°07'	220°07'	221°43'	190°38'	174°16'	313°55'
17.10.2051	203°35'	344°21'	351°41'	221°35'	222°58'	191°17'	174°29'	313°55'
18.10.2051	204°34'	359°07'	6°37'	223°01'	224°12'	191°56'	174°41'	313°55'
19.10.2051	205°34'	14°11'	21°46'	224°27'	225°26'	192°35'	174°53'	313°55'
20.10.2051	206°33'	29°23'	37°00'	225°52'	226°41'	193°14'	175°05'	313°55'
21.10.2051	207°33'	44°36'	52°09'	227°16'	227°55'	193°53'	175°17'	313°55'
22.10.2051	208°33'	59°39'	67°04'	228°40'	229°10'	194°32'	175°29'	313°56'
23.10.2051	209°32'	74°24'	81°38'	230°02'	230°24'	195°11'	175°40'	313°56'
24.10.2051	210°32'	88°45'	95°46'	231°23'	231°38'	195°51'	175°52'	313°57'

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25.10.2051	211°32'	102°40'	109°27'	232°44'	232°53'	196°30'	176°04'	313°57'
26.10.2051	212°31'	116°07'	122°42'	234°03'	234°07'	197°09'	176°16'	313°58'
27.10.2051	213°31'	129°10'	135°33'	235°21'	235°22'	197°48'	176°27'	313°59'
28.10.2051	214°31'	141°51'	148°04'	236°38'	236°36'	198°27'	176°39'	314°00'
29.10.2051	215°31'	154°13'	160°19'	237°54'	237°50'	199°07'	176°50'	314°01'
30.10.2051	216°31'	166°22'	172°22'	239°08'	239°05'	199°46'	177°02'	314°02'
31.10.2051	217°31'	178°20'	184°16'	240°20'	240°19'	200°25'	177°13'	314°03'
01.11.2051	218°31'	190°11'	196°06'	241°31'	241°34'	201°05'	177°24'	314°04'
02.11.2051	219°31'	201°59'	207°53'	242°39'	242°48'	201°44'	177°35'	314°06'
03.11.2051	220°31'	213°46'	219°40'	243°46'	244°02'	202°23'	177°47'	314°07'
04.11.2051	221°31'	225°35'	231°30'	244°49'	245°17'	203°03'	177°58'	314°09'
05.11.2051	222°31'	237°26'	243°24'	245°51'	246°31'	203°42'	178°09'	314°11'
06.11.2051	223°31'	249°24'	255°25'	246°49'	247°45'	204°22'	178°20'	314°13'
07.11.2051	224°31'	261°28'	267°34'	247°44'	249°00'	205°01'	178°30'	314°14'
08.11.2051	225°32'	273°43'	279°55'	248°34'	250°14'	205°41'	178°41'	314°16'
09.11.2051	226°32'	286°10'	292°28'	249°21'	251°28'	206°20'	178°52'	314°19'
10.11.2051	227°32'	298°51'	305°19'	250°03'	252°43'	207°00'	179°02'	314°21'
11.11.2051	228°32'	311°51'	318°28'	250°39'	253°57'	207°39'	179°13'	314°23'
12.11.2051	229°33'	325°11'	331°59'	251°10'	255°11'	208°19'	179°23'	314°26'
13.11.2051	230°33'	338°54'	345°54'	251°33'	256°26'	208°59'	179°34'	314°28'
14.11.2051	231°33'	353°00'	0°12'	251°50'	257°40'	209°38'	179°44'	314°31'
15.11.2051	232°34'	7°30'	14°53'	251°58'	258°54'	210°18'	179°54'	314°33'
16.11.2051	233°34'	22°20'	29°51'	251°58'	260°08'	210°57'	180°04'	314°36'
17.11.2051	234°35'	37°24'	44°59'	251°48'	261°23'	211°37'	180°14'	314°39'
18.11.2051	235°35'	52°34'	60°09'	251°28'	262°37'	212°17'	180°24'	314°42'
19.11.2051	236°36'	67°41'	75°10'	250°58'	263°51'	212°57'	180°33'	314°45'
20.11.2051	237°36'	82°35'	89°54'	250°17'	265°05'	213°36'	180°43'	314°48'
21.11.2051	238°37'	97°07'	104°14'	249°26'	266°20'	214°16'	180°53'	314°52'
22.11.2051	239°37'	111°13'	118°06'	248°25'	267°34'	214°56'	181°02'	314°55'
23.11.2051	240°38'	124°50'	131°28'	247°17'	268°48'	215°36'	181°11'	314°58'
24.11.2051	241°38'	137°59'	144°24'	246°01'	270°02'	216°16'	181°21'	315°02'
25.11.2051	242°39'	150°43'	156°56'	244°41'	271°16'	216°56'	181°30'	315°05'
26.11.2051	243°40'	163°05'	169°09'	243°19'	272°30'	217°36'	181°39'	315°09'
27.11.2051	244°40'	175°10'	181°08'	241°58'	273°45'	218°16'	181°47'	315°13'
28.11.2051	245°41'	187°04'	192°59'	240°40'	274°59'	218°56'	181°56'	315°17'
29.11.2051	246°42'	198°52'	204°45'	239°28'	276°13'	219°36'	182°05'	315°21'
30.11.2051	247°43'	210°38'	216°32'	238°25'	277°27'	220°16'	182°13'	315°25'
01.12.2051	248°43'	222°26'	228°22'	237°31'	278°41'	220°56'	182°22'	315°29'
02.12.2051	249°44'	234°19'	240°18'	236°48'	279°55'	221°36'	182°30'	315°33'
03.12.2051	250°45'	246°19'	252°22'	236°16'	281°09'	222°16'	182°38'	315°37'
04.12.2051	251°46'	258°27'	264°35'	235°56'	282°23'	222°56'	182°46'	315°42'
05.12.2051	252°47'	270°46'	276°59'	235°47'	283°37'	223°36'	182°54'	315°46'
06.12.2051	253°48'	283°15'	289°33'	235°49'	284°51'	224°16'	183°02'	315°51'
07.12.2051	254°49'	295°55'	302°20'	236°01'	286°05'	224°57'	183°10'	315°55'
08.12.2051	255°50'	308°47'	315°18'	236°22'	287°19'	225°37'	183°17'	316°00'
09.12.2051	256°50'	321°53'	328°31'	236°52'	288°33'	226°17'	183°24'	316°05'
10.12.2051	257°51'	335°13'	341°59'	237°29'	289°47'	226°57'	183°32'	316°10'
11.12.2051	258°52'	348°49'	355°43'	238°13'	291°01'	227°38'	183°39'	316°15'
12.12.2051	259°53'	2°42'	9°45'	239°02'	292°15'	228°18'	183°46'	316°19'
13.12.2051	260°54'	16°52'	24°04'	239°57'	293°29'	228°58'	183°53'	316°25'
14.12.2051	261°55'	31°20'	38°39'	240°56'	294°42'	229°39'	183°59'	316°30'
15.12.2051	262°56'	46°02'	53°26'	241°59'	295°56'	230°19'	184°06'	316°35'
16.12.2051	263°57'	60°52'	68°19'	243°06'	297°10'	231°00'	184°12'	316°40'
17.12.2051	264°58'	75°45'	83°09'	244°16'	298°24'	231°40'	184°18'	316°45'
18.12.2051	265°59'	90°30'	97°47'	245°28'	299°37'	232°21'	184°24'	316°51'

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19.12.2051	267°00'	105°00'	112°07'	246°43'	300°51'	233°01'	184°30'	316°56'
20.12.2051	268°01'	119°08'	126°02'	248°00'	302°04'	233°42'	184°36'	317°02'
21.12.2051	269°03'	132°49'	139°30'	249°18'	303°18'	234°22'	184°42'	317°07'
22.12.2051	270°04'	146°04'	152°31'	250°38'	304°32'	235°03'	184°47'	317°13'
23.12.2051	271°05'	158°52'	165°07'	251°59'	305°45'	235°43'	184°52'	317°19'
24.12.2051	272°06'	171°17'	177°23'	253°22'	306°58'	236°24'	184°57'	317°24'
25.12.2051	273°07'	183°25'	189°23'	254°45'	308°12'	237°05'	185°02'	317°30'
26.12.2051	274°08'	195°20'	201°14'	256°10'	309°25'	237°45'	185°07'	317°36'
27.12.2051	275°09'	207°08'	213°01'	257°35'	310°39'	238°26'	185°12'	317°42'
28.12.2051	276°10'	218°54'	224°49'	259°02'	311°52'	239°07'	185°16'	317°48'
29.12.2051	277°11'	230°44'	236°42'	260°28'	313°05'	239°48'	185°21'	317°54'
30.12.2051	278°13'	242°42'	248°44'	261°56'	314°18'	240°29'	185°25'	318°00'
31.12.2051	279°14'	254°50'	260°59'	263°24'	315°32'	241°09'	185°29'	318°06'
01.01.2052	280°15'	267°11'	273°27'	264°52'	316°45'	241°50'	185°32'	318°12'
02.01.2052	281°16'	279°46'	286°08'	266°21'	317°58'	242°31'	185°36'	318°19'
03.01.2052	282°17'	292°34'	299°03'	267°51'	319°11'	243°12'	185°39'	318°25'
04.01.2052	283°19'	305°35'	312°11'	269°21'	320°24'	243°53'	185°43'	318°31'
05.01.2052	284°20'	318°48'	325°29'	270°51'	321°37'	244°34'	185°46'	318°38'
06.01.2052	285°21'	332°12'	338°57'	272°22'	322°49'	245°15'	185°49'	318°44'
07.01.2052	286°22'	345°45'	352°35'	273°53'	324°02'	245°56'	185°51'	318°50'
08.01.2052	287°23'	359°27'	6°21'	275°25'	325°15'	246°37'	185°54'	318°57'
09.01.2052	288°24'	13°18'	20°18'	276°57'	326°27'	247°18'	185°56'	319°03'
10.01.2052	289°25'	27°19'	34°23'	278°30'	327°40'	247°59'	185°58'	319°10'
11.01.2052	290°27'	41°29'	48°38'	280°03'	328°53'	248°40'	186°00'	319°17'
12.01.2052	291°28'	55°48'	62°59'	281°36'	330°05'	249°21'	186°02'	319°23'
13.01.2052	292°29'	70°12'	77°25'	283°10'	331°17'	250°03'	186°03'	319°30'
14.01.2052	293°30'	84°37'	91°48'	284°44'	332°30'	250°44'	186°05'	319°37'
15.01.2052	294°31'	98°58'	106°05'	286°19'	333°42'	251°25'	186°06'	319°43'
16.01.2052	295°32'	113°09'	120°08'	287°54'	334°54'	252°06'	186°07'	319°50'
17.01.2052	296°33'	127°03'	133°53'	289°29'	336°06'	252°47'	186°08'	319°57'
18.01.2052	297°34'	140°37'	147°15'	291°06'	337°18'	253°29'	186°09'	320°04'
19.01.2052	298°35'	153°48'	160°15'	292°42'	338°30'	254°10'	186°09'	320°11'
20.01.2052	299°36'	166°36'	172°52'	294°19'	339°41'	254°51'	186°09'	320°18'
21.01.2052	300°38'	179°03'	185°10'	295°57'	340°53'	255°33'	186°09'	320°25'
22.01.2052	301°39'	191°13'	197°13'	297°35'	342°05'	256°14'	186°09'	320°32'
23.01.2052	302°40'	203°10'	209°06'	299°14'	343°16'	256°56'	186°09'	320°39'
24.01.2052	303°41'	215°00'	220°54'	300°54'	344°27'	257°37'	186°08'	320°46'
25.01.2052	304°42'	226°48'	232°43'	302°34'	345°39'	258°18'	186°08'	320°53'
26.01.2052	305°43'	238°39'	244°38'	304°15'	346°50'	259°00'	186°07'	321°00'
27.01.2052	306°44'	250°40'	256°45'	305°56'	348°01'	259°41'	186°06'	321°07'
28.01.2052	307°45'	262°53'	269°06'	307°38'	349°12'	260°23'	186°04'	321°14'
29.01.2052	308°46'	275°23'	281°45'	309°20'	350°23'	261°05'	186°03'	321°21'
30.01.2052	309°47'	288°11'	294°41'	311°04'	351°33'	261°46'	186°01'	321°28'
31.01.2052	310°48'	301°17'	307°56'	312°48'	352°44'	262°28'	185°59'	321°35'
01.02.2052	311°49'	314°40'	321°27'	314°32'	353°54'	263°09'	185°57'	321°43'
02.02.2052	312°50'	328°18'	335°11'	316°17'	355°05'	263°51'	185°55'	321°50'
03.02.2052	313°50'	342°07'	349°05'	318°03'	356°15'	264°33'	185°53'	321°57'
04.02.2052	314°51'	356°04'	3°05'	319°49'	357°25'	265°15'	185°50'	322°04'
05.02.2052	315°52'	10°06'	17°09'	321°36'	358°35'	265°56'	185°47'	322°11'
06.02.2052	316°53'	24°12'	31°15'	323°23'	359°45'	266°38'	185°44'	322°19'
07.02.2052	317°54'	38°18'	45°21'	325°10'	0°54'	267°20'	185°41'	322°26'
08.02.2052	318°55'	52°24'	59°27'	326°58'	2°04'	268°02'	185°38'	322°33'
09.02.2052	319°56'	66°30'	73°32'	328°46'	3°13'	268°43'	185°34'	322°40'
10.02.2052	320°56'	80°33'	87°33'	330°34'	4°22'	269°25'	185°30'	322°47'
11.02.2052	321°57'	94°32'	101°29'	332°22'	5°31'	270°07'	185°27'	322°55'

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12.02.2052	322°58'	108°24'	115°17'	334°09'	6°40'	270°49'	185°23'	323°02'
13.02.2052	323°58'	122°07'	128°54'	335°56'	7°49'	271°31'	185°18'	323°09'
14.02.2052	324°59'	135°37'	142°16'	337°42'	8°57'	272°13'	185°14'	323°16'
15.02.2052	326°00'	148°51'	155°21'	339°27'	10°05'	272°55'	185°09'	323°24'
16.02.2052	327°00'	161°48'	168°09'	341°10'	11°13'	273°37'	185°05'	323°31'
17.02.2052	328°01'	174°27'	180°40'	342°52'	12°21'	274°19'	185°00'	323°38'
18.02.2052	329°01'	186°49'	192°55'	344°31'	13°29'	275°01'	184°55'	323°45'
19.02.2052	330°02'	198°58'	204°58'	346°07'	14°36'	275°43'	184°50'	323°53'
20.02.2052	331°02'	210°55'	216°51'	347°39'	15°44'	276°25'	184°44'	324°00'
21.02.2052	332°03'	222°46'	228°40'	349°08'	16°51'	277°07'	184°39'	324°07'
22.02.2052	333°03'	234°35'	240°30'	350°32'	17°58'	277°49'	184°33'	324°14'
23.02.2052	334°04'	246°27'	252°26'	351°50'	19°04'	278°31'	184°28'	324°21'
24.02.2052	335°04'	258°28'	264°33'	353°03'	20°10'	279°14'	184°22'	324°29'
25.02.2052	336°05'	270°42'	276°56'	354°09'	21°17'	279°56'	184°16'	324°36'
26.02.2052	337°05'	283°14'	289°38'	355°08'	22°23'	280°38'	184°10'	324°43'
27.02.2052	338°05'	296°07'	302°41'	355°58'	23°28'	281°20'	184°03'	324°50'
28.02.2052	339°06'	309°22'	316°08'	356°41'	24°34'	282°02'	183°57'	324°57'
29.02.2052	340°06'	322°59'	329°56'	357°14'	25°39'	282°45'	183°50'	325°04'
01.03.2052	341°06'	336°57'	344°02'	357°39'	26°43'	283°27'	183°44'	325°11'
02.03.2052	342°07'	351°10'	358°21'	357°54'	27°48'	284°09'	183°37'	325°18'
03.03.2052	343°07'	5°35'	12°49'	357°59'	28°52'	284°52'	183°30'	325°25'
04.03.2052	344°07'	20°05'	27°20'	357°55'	29°56'	285°34'	183°23'	325°32'
05.03.2052	345°07'	34°35'	41°48'	357°42'	31°00'	286°16'	183°16'	325°39'
06.03.2052	346°07'	49°00'	56°10'	357°20'	32°03'	286°59'	183°09'	325°46'
07.03.2052	347°07'	63°18'	70°23'	356°50'	33°06'	287°41'	183°02'	325°53'
08.03.2052	348°07'	77°25'	84°24'	356°12'	34°09'	288°24'	182°55'	326°00'
09.03.2052	349°07'	91°21'	98°14'	355°28'	35°11'	289°06'	182°47'	326°07'
10.03.2052	350°07'	105°04'	111°51'	354°38'	36°13'	289°48'	182°40'	326°14'
11.03.2052	351°07'	118°34'	125°14'	353°44'	37°15'	290°31'	182°33'	326°21'
12.03.2052	352°07'	131°51'	138°25'	352°48'	38°16'	291°13'	182°25'	326°27'
13.03.2052	353°07'	144°55'	151°22'	351°49'	39°17'	291°56'	182°18'	326°34'
14.03.2052	354°07'	157°45'	164°05'	350°51'	40°17'	292°38'	182°10'	326°41'
15.03.2052	355°07'	170°22'	176°36'	349°54'	41°17'	293°21'	182°02'	326°48'
16.03.2052	356°06'	182°47'	188°54'	348°58'	42°17'	294°03'	181°55'	326°54'
17.03.2052	357°06'	194°59'	201°01'	348°06'	43°16'	294°46'	181°47'	327°01'
18.03.2052	358°06'	207°02'	213°00'	347°18'	44°14'	295°29'	181°39'	327°07'
19.03.2052	359°05'	218°57'	224°52'	346°35'	45°12'	296°11'	181°31'	327°14'
20.03.2052	0°05'	230°47'	236°41'	345°58'	46°10'	296°54'	181°24'	327°21'
21.03.2052	1°05'	242°36'	248°32'	345°26'	47°07'	297°36'	181°16'	327°27'
22.03.2052	2°04'	254°28'	260°27'	345°00'	48°04'	298°19'	181°08'	327°33'
23.03.2052	3°04'	266°29'	272°33'	344°40'	49°00'	299°02'	181°00'	327°40'
24.03.2052	4°03'	278°41'	284°53'	344°26'	49°55'	299°44'	180°53'	327°46'
25.03.2052	5°03'	291°10'	297°33'	344°18'	50°50'	300°27'	180°45'	327°52'
26.03.2052	6°02'	304°01'	310°35'	344°17'	51°44'	301°10'	180°37'	327°59'
27.03.2052	7°02'	317°15'	324°02'	344°20'	52°38'	301°53'	180°29'	328°05'
28.03.2052	8°01'	330°55'	337°54'	344°30'	53°31'	302°35'	180°22'	328°11'
29.03.2052	9°00'	345°00'	352°11'	344°45'	54°23'	303°18'	180°14'	328°17'
30.03.2052	10°00'	359°27'	6°47'	345°05'	55°15'	304°01'	180°06'	328°23'
31.03.2052	10°59'	14°11'	21°37'	345°29'	56°06'	304°44'	179°59'	328°29'
01.04.2052	11°58'	29°05'	36°33'	345°58'	56°56'	305°26'	179°51'	328°35'
02.04.2052	12°58'	44°01'	51°27'	346°32'	57°45'	306°09'	179°44'	328°41'
03.04.2052	13°57'	58°51'	66°12'	347°10'	58°34'	306°52'	179°37'	328°47'
04.04.2052	14°56'	73°29'	80°42'	347°51'	59°22'	307°35'	179°29'	328°53'
05.04.2052	15°55'	87°50'	94°53'	348°36'	60°09'	308°17'	179°22'	328°58'
06.04.2052	16°54'	101°51'	108°44'	349°25'	60°55'	309°00'	179°15'	329°04'

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07.04.2052	17°53'	115°31'	122°13'	350°17'	61°40'	309°43'	179°08'	329°10'
08.04.2052	18°52'	128°51'	135°24'	351°12'	62°24'	310°26'	179°01'	329°15'
09.04.2052	19°51'	141°52'	148°17'	352°10'	63°07'	311°09'	178°54'	329°21'
10.04.2052	20°50'	154°37'	160°54'	353°10'	63°49'	311°51'	178°47'	329°26'
11.04.2052	21°49'	167°08'	173°19'	354°14'	64°30'	312°34'	178°41'	329°31'
12.04.2052	22°48'	179°27'	185°32'	355°20'	65°09'	313°17'	178°34'	329°37'
13.04.2052	23°47'	191°36'	197°37'	356°28'	65°48'	314°00'	178°27'	329°42'
14.04.2052	24°45'	203°37'	209°35'	357°39'	66°25'	314°43'	178°21'	329°47'
15.04.2052	25°44'	215°32'	221°28'	358°52'	67°01'	315°25'	178°15'	329°52'
16.04.2052	26°43'	227°24'	233°19'	0°07'	67°36'	316°08'	178°09'	329°57'
17.04.2052	27°42'	239°14'	245°09'	1°25'	68°09'	316°51'	178°03'	330°02'
18.04.2052	28°40'	251°04'	257°00'	2°44'	68°41'	317°34'	177°57'	330°07'
19.04.2052	29°39'	262°58'	268°58'	4°05'	69°12'	318°17'	177°51'	330°12'
20.04.2052	30°37'	274°59'	281°04'	5°29'	69°41'	318°59'	177°46'	330°17'
21.04.2052	31°36'	287°11'	293°23'	6°54'	70°08'	319°42'	177°40'	330°21'
22.04.2052	32°35'	299°38'	305°58'	8°21'	70°34'	320°25'	177°35'	330°26'
23.04.2052	33°33'	312°23'	318°54'	9°50'	70°58'	321°08'	177°30'	330°30'
24.04.2052	34°32'	325°31'	332°15'	11°21'	71°20'	321°51'	177°25'	330°35'
25.04.2052	35°30'	339°05'	346°01'	12°54'	71°40'	322°33'	177°20'	330°39'
26.04.2052	36°28'	353°05'	0°15'	14°29'	71°59'	323°16'	177°15'	330°44'
27.04.2052	37°27'	7°31'	14°53'	16°05'	72°15'	323°59'	177°10'	330°48'
28.04.2052	38°25'	22°20'	29°51'	17°43'	72°30'	324°42'	177°06'	330°52'
29.04.2052	39°24'	37°25'	45°00'	19°23'	72°43'	325°24'	177°02'	330°56'
30.04.2052	40°22'	52°37'	60°13'	21°05'	72°53'	326°07'	176°58'	331°00'
01.05.2052	41°20'	67°47'	75°17'	22°48'	73°01'	326°50'	176°54'	331°04'
02.05.2052	42°19'	82°44'	90°06'	24°33'	73°07'	327°33'	176°50'	331°08'
03.05.2052	43°17'	97°22'	104°32'	26°20'	73°11'	328°15'	176°46'	331°12'
04.05.2052	44°15'	111°35'	118°31'	28°09'	73°12'	328°58'	176°43'	331°15'
05.05.2052	45°13'	125°21'	132°04'	30°00'	73°11'	329°40'	176°40'	331°19'
06.05.2052	46°11'	138°41'	145°12'	31°52'	73°08'	330°23'	176°37'	331°22'
07.05.2052	47°09'	151°37'	157°57'	33°47'	73°02'	331°06'	176°34'	331°26'
08.05.2052	48°07'	164°13'	170°24'	35°43'	72°54'	331°48'	176°31'	331°29'
09.05.2052	49°05'	176°32'	182°37'	37°41'	72°43'	332°31'	176°29'	331°32'
10.05.2052	50°03'	188°39'	194°40'	39°40'	72°30'	333°13'	176°26'	331°36'
11.05.2052	51°01'	200°38'	206°35'	41°41'	72°14'	333°56'	176°24'	331°39'
12.05.2052	51°59'	212°31'	218°26'	43°44'	71°56'	334°38'	176°22'	331°42'
13.05.2052	52°57'	224°21'	230°16'	45°49'	71°36'	335°21'	176°20'	331°44'
14.05.2052	53°55'	236°11'	242°06'	47°55'	71°13'	336°03'	176°19'	331°47'
15.05.2052	54°53'	248°02'	253°59'	50°02'	70°48'	336°45'	176°17'	331°50'
16.05.2052	55°51'	259°56'	265°55'	52°11'	70°22'	337°28'	176°16'	331°53'
17.05.2052	56°49'	271°55'	277°58'	54°20'	69°53'	338°10'	176°15'	331°55'
18.05.2052	57°46'	284°02'	290°08'	56°31'	69°22'	338°52'	176°14'	331°58'
19.05.2052	58°44'	296°18'	302°30'	58°42'	68°50'	339°35'	176°13'	332°00'
20.05.2052	59°42'	308°46'	315°06'	60°53'	68°16'	340°17'	176°12'	332°02'
21.05.2052	60°40'	321°30'	327°59'	63°05'	67°42'	340°59'	176°12'	332°04'
22.05.2052	61°37'	334°33'	341°13'	65°16'	67°06'	341°41'	176°12'	332°06'
23.05.2052	62°35'	347°58'	354°50'	67°27'	66°29'	342°23'	176°12'	332°08'
24.05.2052	63°33'	1°48'	8°53'	69°37'	65°52'	343°05'	176°12'	332°10'
25.05.2052	64°30'	16°04'	23°21'	71°46'	65°14'	343°47'	176°12'	332°12'
26.05.2052	65°28'	30°44'	38°12'	73°54'	64°36'	344°29'	176°13'	332°14'
27.05.2052	66°26'	45°44'	53°19'	76°01'	63°59'	345°11'	176°14'	332°15'
28.05.2052	67°23'	60°56'	68°34'	78°06'	63°22'	345°53'	176°15'	332°17'
29.05.2052	68°21'	76°10'	83°45'	80°08'	62°45'	346°35'	176°16'	332°18'
30.05.2052	69°19'	91°17'	98°44'	82°09'	62°10'	347°16'	176°17'	332°20'
31.05.2052	70°16'	106°05'	113°20'	84°08'	61°35'	347°58'	176°18'	332°21'

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01.06.2052	71°14'	120°28'	127°29'	86°04'	61°02'	348°39'	176°20'	332°22'
02.06.2052	72°11'	134°23'	141°09'	87°58'	60°30'	349°21'	176°22'	332°23'
03.06.2052	73°09'	147°48'	154°20'	89°49'	60°00'	350°02'	176°24'	332°24'
04.06.2052	74°06'	160°46'	167°06'	91°38'	59°31'	350°44'	176°26'	332°25'
05.06.2052	75°04'	173°20'	179°30'	93°24'	59°05'	351°25'	176°28'	332°25'
06.06.2052	76°01'	185°36'	191°39'	95°07'	58°40'	352°06'	176°31'	332°26'
07.06.2052	76°58'	197°39'	203°36'	96°48'	58°18'	352°47'	176°33'	332°26'
08.06.2052	77°56'	209°33'	215°28'	98°26'	57°58'	353°29'	176°36'	332°27'
09.06.2052	78°53'	221°22'	227°16'	100°01'	57°40'	354°10'	176°39'	332°27'
10.06.2052	79°51'	233°11'	239°06'	101°33'	57°25'	354°50'	176°42'	332°27'
11.06.2052	80°48'	245°02'	250°59'	103°03'	57°11'	355°31'	176°46'	332°28'
12.06.2052	81°45'	256°57'	262°57'	104°30'	57°01'	356°12'	176°49'	332°28'
13.06.2052	82°43'	268°58'	275°01'	105°54'	56°53'	356°53'	176°53'	332°27'
14.06.2052	83°40'	281°06'	287°14'	107°15'	56°47'	357°33'	176°57'	332°27'
15.06.2052	84°37'	293°23'	299°35'	108°33'	56°43'	358°14'	177°01'	332°27'
16.06.2052	85°34'	305°49'	312°06'	109°49'	56°42'	358°54'	177°05'	332°27'
17.06.2052	86°32'	318°26'	324°49'	111°01'	56°43'	359°35'	177°09'	332°26'
18.06.2052	87°29'	331°16'	337°46'	112°10'	56°47'	0°15'	177°13'	332°26'
19.06.2052	88°26'	344°21'	351°00'	113°16'	56°53'	0°55'	177°18'	332°25'
20.06.2052	89°24'	357°44'	4°32'	114°19'	57°01'	1°35'	177°23'	332°24'
21.06.2052	90°21'	11°26'	18°25'	115°18'	57°11'	2°15'	177°28'	332°23'
22.06.2052	91°18'	25°30'	32°40'	116°14'	57°23'	2°55'	177°33'	332°22'
23.06.2052	92°15'	39°56'	47°16'	117°07'	57°37'	3°34'	177°38'	332°21'
24.06.2052	93°13'	54°40'	62°07'	117°56'	57°53'	4°14'	177°43'	332°20'
25.06.2052	94°10'	69°37'	77°09'	118°42'	58°12'	4°53'	177°49'	332°19'
26.06.2052	95°07'	84°40'	92°11'	119°23'	58°32'	5°32'	177°55'	332°18'
27.06.2052	96°04'	99°40'	107°04'	120°01'	58°53'	6°12'	178°00'	332°16'
28.06.2052	97°02'	114°25'	121°40'	120°35'	59°17'	6°51'	178°06'	332°15'
29.06.2052	97°59'	128°49'	135°51'	121°05'	59°42'	7°29'	178°12'	332°13'
30.06.2052	98°56'	142°46'	149°33'	121°30'	60°08'	8°08'	178°19'	332°11'
01.07.2052	99°53'	156°14'	162°48'	121°51'	60°36'	8°47'	178°25'	332°10'
02.07.2052	100°50'	169°15'	175°36'	122°08'	61°06'	9°25'	178°32'	332°08'
03.07.2052	101°48'	181°52'	188°03'	122°20'	61°37'	10°03'	178°38'	332°06'
04.07.2052	102°45'	194°09'	200°12'	122°27'	62°10'	10°41'	178°45'	332°04'
05.07.2052	103°42'	206°12'	212°10'	122°30'	62°43'	11°19'	178°52'	332°01'
06.07.2052	104°39'	218°06'	224°01'	122°28'	63°18'	11°57'	178°59'	331°59'
07.07.2052	105°37'	229°55'	235°50'	122°21'	63°54'	12°35'	179°06'	331°57'
08.07.2052	106°34'	241°45'	247°42'	122°10'	64°32'	13°12'	179°13'	331°54'
09.07.2052	107°31'	253°40'	259°39'	121°54'	65°10'	13°49'	179°21'	331°52'
10.07.2052	108°28'	265°41'	271°45'	121°34'	65°50'	14°26'	179°28'	331°49'
11.07.2052	109°25'	277°51'	284°00'	121°10'	66°31'	15°03'	179°36'	331°47'
12.07.2052	110°22'	290°11'	296°25'	120°42'	67°12'	15°40'	179°44'	331°44'
13.07.2052	111°20'	302°42'	309°02'	120°11'	67°55'	16°17'	179°52'	331°41'
14.07.2052	112°17'	315°24'	321°50'	119°36'	68°39'	16°53'	180°00'	331°38'
15.07.2052	113°14'	328°18'	334°48'	119°00'	69°23'	17°29'	180°08'	331°35'
16.07.2052	114°11'	341°22'	347°59'	118°21'	70°09'	18°05'	180°16'	331°32'
17.07.2052	115°09'	354°38'	1°21'	117°41'	70°55'	18°41'	180°25'	331°29'
18.07.2052	116°06'	8°08'	14°58'	117°01'	71°42'	19°16'	180°33'	331°26'
19.07.2052	117°03'	21°51'	28°49'	116°21'	72°30'	19°51'	180°42'	331°23'
20.07.2052	118°00'	35°50'	42°55'	115°41'	73°18'	20°26'	180°50'	331°19'
21.07.2052	118°58'	50°03'	57°15'	115°03'	74°08'	21°01'	180°59'	331°16'
22.07.2052	119°55'	64°30'	71°47'	114°28'	74°58'	21°36'	181°08'	331°12'
23.07.2052	120°52'	79°06'	86°26'	113°55'	75°49'	22°10'	181°17'	331°09'
24.07.2052	121°49'	93°47'	101°07'	113°26'	76°40'	22°44'	181°26'	331°05'
25.07.2052	122°47'	108°25'	115°41'	113°01'	77°32'	23°18'	181°36'	331°02'

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26.07.2052	123°44'	122°53'	130°01'	112°40'	78°24'	23°51'	181°45'	330°58'
27.07.2052	124°41'	137°04'	144°02'	112°24'	79°18'	24°25'	181°54'	330°54'
28.07.2052	125°39'	150°53'	157°39'	112°14'	80°11'	24°57'	182°04'	330°50'
29.07.2052	126°36'	164°18'	170°51'	112°09'	81°06'	25°30'	182°13'	330°46'
30.07.2052	127°34'	177°18'	183°40'	112°11'	82°00'	26°02'	182°23'	330°42'
31.07.2052	128°31'	189°56'	196°08'	112°18'	82°56'	26°34'	182°33'	330°38'
01.08.2052	129°28'	202°15'	208°19'	112°32'	83°51'	27°06'	182°43'	330°34'
02.08.2052	130°26'	214°19'	220°18'	112°52'	84°48'	27°37'	182°53'	330°30'
03.08.2052	131°23'	226°15'	232°11'	113°18'	85°44'	28°08'	183°03'	330°26'
04.08.2052	132°21'	238°06'	244°02'	113°51'	86°41'	28°39'	183°13'	330°22'
05.08.2052	133°18'	249°58'	255°56'	114°30'	87°39'	29°10'	183°23'	330°18'
06.08.2052	134°16'	261°56'	267°58'	115°15'	88°37'	29°40'	183°34'	330°14'
07.08.2052	135°13'	274°02'	280°10'	116°07'	89°35'	30°09'	183°44'	330°09'
08.08.2052	136°10'	286°21'	292°35'	117°05'	90°34'	30°39'	183°55'	330°05'
09.08.2052	137°08'	298°53'	305°14'	118°08'	91°33'	31°08'	184°05'	330°01'
10.08.2052	138°06'	311°39'	318°08'	119°18'	92°33'	31°36'	184°16'	329°56'
11.08.2052	139°03'	324°40'	331°15'	120°33'	93°33'	32°04'	184°27'	329°52'
12.08.2052	140°01'	337°54'	344°36'	121°54'	94°33'	32°32'	184°37'	329°48'
13.08.2052	140°58'	351°21'	358°08'	123°20'	95°34'	32°59'	184°48'	329°43'
14.08.2052	141°56'	4°58'	11°50'	124°50'	96°35'	33°26'	184°59'	329°39'
15.08.2052	142°53'	18°45'	25°41'	126°25'	97°36'	33°53'	185°10'	329°34'
16.08.2052	143°51'	32°40'	39°41'	128°05'	98°38'	34°19'	185°21'	329°30'
17.08.2052	144°49'	46°43'	53°47'	129°48'	99°40'	34°45'	185°33'	329°25'
18.08.2052	145°46'	60°53'	68°00'	131°34'	100°42'	35°10'	185°44'	329°21'
19.08.2052	146°44'	75°08'	82°16'	133°24'	101°44'	35°34'	185°55'	329°16'
20.08.2052	147°42'	89°25'	96°33'	135°16'	102°47'	35°59'	186°07'	329°12'
21.08.2052	148°40'	103°41'	110°47'	137°10'	103°50'	36°22'	186°18'	329°07'
22.08.2052	149°37'	117°52'	124°54'	139°07'	104°54'	36°46'	186°29'	329°03'
23.08.2052	150°35'	131°54'	138°50'	141°04'	105°57'	37°08'	186°41'	328°58'
24.08.2052	151°33'	145°42'	152°30'	143°03'	107°01'	37°30'	186°53'	328°53'
25.08.2052	152°31'	159°13'	165°51'	145°02'	108°05'	37°52'	187°04'	328°49'
26.08.2052	153°29'	172°25'	178°53'	147°01'	109°10'	38°13'	187°16'	328°44'
27.08.2052	154°27'	185°17'	191°36'	149°01'	110°14'	38°33'	187°28'	328°40'
28.08.2052	155°25'	197°51'	204°02'	151°00'	111°19'	38°53'	187°40'	328°35'
29.08.2052	156°23'	210°08'	216°12'	152°59'	112°24'	39°12'	187°52'	328°31'
30.08.2052	157°21'	222°13'	228°12'	154°58'	113°29'	39°31'	188°03'	328°26'
31.08.2052	158°19'	234°09'	240°05'	156°55'	114°35'	39°49'	188°15'	328°22'
01.09.2052	159°17'	246°01'	251°57'	158°52'	115°41'	40°06'	188°28'	328°18'
02.09.2052	160°15'	257°54'	263°53'	160°48'	116°47'	40°23'	188°40'	328°13'
03.09.2052	161°13'	269°53'	275°56'	162°43'	117°53'	40°39'	188°52'	328°09'
04.09.2052	162°11'	282°02'	288°11'	164°37'	118°59'	40°54'	189°04'	328°04'
05.09.2052	163°09'	294°24'	300°42'	166°30'	120°06'	41°09'	189°16'	328°00'
06.09.2052	164°07'	307°04'	313°30'	168°22'	121°12'	41°23'	189°28'	327°56'
07.09.2052	165°06'	320°02'	326°38'	170°13'	122°19'	41°37'	189°41'	327°52'
08.09.2052	166°04'	333°18'	340°04'	172°02'	123°26'	41°49'	189°53'	327°47'
09.09.2052	167°02'	346°54'	353°47'	173°50'	124°34'	42°01'	190°06'	327°43'
10.09.2052	168°00'	0°45'	7°45'	175°38'	125°41'	42°12'	190°18'	327°39'
11.09.2052	168°59'	14°48'	21°54'	177°24'	126°49'	42°23'	190°30'	327°35'
12.09.2052	169°57'	29°01'	36°10'	179°08'	127°56'	42°32'	190°43'	327°31'
13.09.2052	170°55'	43°19'	50°29'	180°52'	129°04'	42°41'	190°55'	327°27'
14.09.2052	171°54'	57°39'	64°48'	182°35'	130°13'	42°49'	191°08'	327°23'
15.09.2052	172°52'	71°56'	79°03'	184°16'	131°21'	42°56'	191°21'	327°19'
16.09.2052	173°51'	86°09'	93°13'	185°57'	132°29'	43°03'	191°33'	327°16'
17.09.2052	174°49'	100°15'	107°14'	187°36'	133°38'	43°08'	191°46'	327°12'
18.09.2052	175°48'	114°12'	121°06'	189°14'	134°47'	43°13'	191°59'	327°08'

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19.09.2052	176°46'	127°58'	134°47'	190°52'	135°56'	43°17'	192°11'	327°04'
20.09.2052	177°45'	141°33'	148°15'	192°28'	137°05'	43°20'	192°24'	327°01'
21.09.2052	178°44'	154°54'	161°30'	194°03'	138°14'	43°22'	192°37'	326°57'
22.09.2052	179°42'	168°01'	174°30'	195°38'	139°24'	43°23'	192°50'	326°54'
23.09.2052	180°41'	180°54'	187°15'	197°11'	140°33'	43°23'	193°03'	326°50'
24.09.2052	181°40'	193°32'	199°46'	198°43'	141°43'	43°22'	193°15'	326°47'
25.09.2052	182°38'	205°57'	212°04'	200°15'	142°53'	43°21'	193°28'	326°44'
26.09.2052	183°37'	218°09'	224°11'	201°45'	144°02'	43°18'	193°41'	326°41'
27.09.2052	184°36'	230°11'	236°10'	203°15'	145°13'	43°15'	193°54'	326°38'
28.09.2052	185°35'	242°06'	248°02'	204°43'	146°23'	43°11'	194°07'	326°35'
29.09.2052	186°34'	253°58'	259°54'	206°11'	147°33'	43°06'	194°20'	326°32'
30.09.2052	187°33'	265°50'	271°48'	207°37'	148°43'	43°00'	194°33'	326°29'
01.10.2052	188°32'	277°47'	283°49'	209°03'	149°54'	42°53'	194°46'	326°26'
02.10.2052	189°31'	289°54'	296°03'	210°27'	151°05'	42°45'	194°59'	326°23'
03.10.2052	190°30'	302°16'	308°33'	211°51'	152°15'	42°37'	195°12'	326°21'
04.10.2052	191°29'	314°55'	321°23'	213°13'	153°26'	42°27'	195°25'	326°18'
05.10.2052	192°28'	327°56'	334°35'	214°34'	154°37'	42°17'	195°38'	326°16'
06.10.2052	193°27'	341°21'	348°12'	215°55'	155°48'	42°06'	195°51'	326°13'
07.10.2052	194°26'	355°09'	2°12'	217°14'	157°00'	41°54'	196°04'	326°11'
08.10.2052	195°25'	9°19'	16°32'	218°31'	158°11'	41°42'	196°17'	326°09'
09.10.2052	196°25'	23°48'	31°07'	219°48'	159°22'	41°28'	196°30'	326°07'
10.10.2052	197°24'	38°29'	45°51'	221°03'	160°34'	41°14'	196°43'	326°05'
11.10.2052	198°23'	53°15'	60°38'	222°16'	161°46'	41°00'	196°56'	326°03'
12.10.2052	199°23'	67°59'	75°18'	223°28'	162°57'	40°44'	197°09'	326°01'
13.10.2052	200°22'	82°35'	89°48'	224°38'	164°09'	40°28'	197°22'	326°00'
14.10.2052	201°21'	96°58'	104°03'	225°46'	165°21'	40°12'	197°35'	325°58'
15.10.2052	202°21'	111°04'	118°00'	226°52'	166°33'	39°54'	197°48'	325°56'
16.10.2052	203°20'	124°52'	131°40'	227°56'	167°45'	39°37'	198°01'	325°55'
17.10.2052	204°20'	138°23'	145°02'	228°58'	168°58'	39°18'	198°14'	325°54'
18.10.2052	205°19'	151°37'	158°08'	229°57'	170°10'	39°00'	198°27'	325°52'
19.10.2052	206°19'	164°35'	170°59'	230°53'	171°22'	38°41'	198°40'	325°51'
20.10.2052	207°19'	177°20'	183°38'	231°45'	172°35'	38°21'	198°53'	325°50'
21.10.2052	208°18'	189°53'	196°05'	232°35'	173°48'	38°01'	199°05'	325°49'
22.10.2052	209°18'	202°15'	208°22'	233°20'	175°00'	37°41'	199°18'	325°48'
23.10.2052	210°18'	214°27'	220°30'	234°01'	176°13'	37°21'	199°31'	325°48'
24.10.2052	211°17'	226°31'	232°31'	234°37'	177°26'	37°01'	199°44'	325°47'
25.10.2052	212°17'	238°29'	244°26'	235°08'	178°39'	36°40'	199°57'	325°47'
26.10.2052	213°17'	250°22'	256°18'	235°33'	179°52'	36°20'	200°10'	325°46'
27.10.2052	214°17'	262°13'	268°08'	235°52'	181°05'	35°59'	200°23'	325°46'
28.10.2052	215°17'	274°04'	280°01'	236°04'	182°18'	35°39'	200°36'	325°46'
29.10.2052	216°17'	286°00'	292°00'	236°08'	183°31'	35°19'	200°48'	325°46'
30.10.2052	217°17'	298°04'	304°10'	236°04'	184°44'	34°58'	201°01'	325°46'
31.10.2052	218°17'	310°20'	316°35'	235°51'	185°58'	34°38'	201°14'	325°46'
01.11.2052	219°17'	322°54'	329°19'	235°29'	187°11'	34°19'	201°27'	325°46'
02.11.2052	220°17'	335°50'	342°27'	234°58'	188°24'	34°00'	201°39'	325°46'
03.11.2052	221°17'	349°11'	356°02'	234°17'	189°38'	33°41'	201°52'	325°47'
04.11.2052	222°17'	3°00'	10°05'	233°27'	190°52'	33°22'	202°05'	325°47'
05.11.2052	223°17'	17°16'	24°34'	232°28'	192°05'	33°04'	202°17'	325°48'
06.11.2052	224°17'	31°58'	39°26'	231°21'	193°19'	32°46'	202°30'	325°48'
07.11.2052	225°17'	46°57'	54°32'	230°08'	194°33'	32°29'	202°42'	325°49'
08.11.2052	226°17'	62°07'	69°43'	228°51'	195°46'	32°13'	202°55'	325°50'
09.11.2052	227°18'	77°17'	84°49'	227°31'	197°00'	31°57'	203°07'	325°51'
10.11.2052	228°18'	92°16'	99°40'	226°12'	198°14'	31°41'	203°20'	325°52'
11.11.2052	229°18'	106°58'	114°10'	224°56'	199°28'	31°27'	203°32'	325°54'
12.11.2052	230°18'	121°15'	128°15'	223°46'	200°42'	31°13'	203°44'	325°55'

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13.11.2052	231°19'	135°07'	141°54'	222°43'	201°56'	30°59'	203°57'	325°56'
14.11.2052	232°19'	148°34'	155°09'	221°49'	203°10'	30°47'	204°09'	325°58'
15.11.2052	233°20'	161°39'	168°03'	221°06'	204°25'	30°35'	204°21'	326°00'
16.11.2052	234°20'	174°24'	180°40'	220°35'	205°39'	30°24'	204°33'	326°01'
17.11.2052	235°20'	186°53'	193°03'	220°15'	206°53'	30°13'	204°45'	326°03'
18.11.2052	236°21'	199°10'	205°15'	220°07'	208°07'	30°04'	204°57'	326°05'
19.11.2052	237°22'	211°18'	217°20'	220°10'	209°22'	29°55'	205°09'	326°07'
20.11.2052	238°22'	223°20'	229°18'	220°23'	210°36'	29°47'	205°21'	326°09'
21.11.2052	239°23'	235°16'	241°13'	220°47'	211°51'	29°39'	205°33'	326°11'
22.11.2052	240°23'	247°10'	253°06'	221°19'	213°05'	29°33'	205°45'	326°14'
23.11.2052	241°24'	259°01'	264°57'	221°59'	214°20'	29°27'	205°57'	326°16'
24.11.2052	242°25'	270°53'	276°49'	222°46'	215°34'	29°23'	206°08'	326°19'
25.11.2052	243°25'	282°46'	288°44'	223°40'	216°49'	29°19'	206°20'	326°21'
26.11.2052	244°26'	294°43'	300°43'	224°39'	218°03'	29°16'	206°32'	326°24'
27.11.2052	245°27'	306°46'	312°52'	225°42'	219°18'	29°13'	206°43'	326°27'
28.11.2052	246°27'	319°00'	325°12'	226°50'	220°33'	29°12'	206°55'	326°30'
29.11.2052	247°28'	331°29'	337°50'	228°02'	221°47'	29°11'	207°06'	326°33'
30.11.2052	248°29'	344°17'	350°50'	229°16'	223°02'	29°12'	207°17'	326°36'
01.12.2052	249°30'	357°29'	4°15'	230°34'	224°17'	29°13'	207°28'	326°39'
02.12.2052	250°31'	11°08'	18°08'	231°53'	225°32'	29°14'	207°40'	326°43'
03.12.2052	251°31'	25°16'	32°31'	233°14'	226°46'	29°17'	207°51'	326°46'
04.12.2052	252°32'	39°53'	47°21'	234°37'	228°01'	29°20'	208°02'	326°49'
05.12.2052	253°33'	54°54'	62°32'	236°02'	229°16'	29°24'	208°13'	326°53'
06.12.2052	254°34'	70°12'	77°53'	237°27'	230°31'	29°29'	208°23'	326°57'
07.12.2052	255°35'	85°34'	93°14'	238°54'	231°46'	29°35'	208°34'	327°00'
08.12.2052	256°36'	100°51'	108°23'	240°21'	233°01'	29°41'	208°45'	327°04'
09.12.2052	257°37'	115°49'	123°10'	241°50'	234°16'	29°48'	208°55'	327°08'
10.12.2052	258°38'	130°23'	137°29'	243°19'	235°31'	29°56'	209°06'	327°12'
11.12.2052	259°39'	144°27'	151°17'	244°48'	236°46'	30°04'	209°16'	327°16'
12.12.2052	260°40'	158°01'	164°37'	246°18'	238°01'	30°13'	209°27'	327°20'
13.12.2052	261°41'	171°07'	177°31'	247°48'	239°16'	30°23'	209°37'	327°25'
14.12.2052	262°42'	183°50'	190°04'	249°19'	240°31'	30°33'	209°47'	327°29'
15.12.2052	263°43'	196°14'	202°20'	250°50'	241°46'	30°44'	209°57'	327°33'
16.12.2052	264°44'	208°24'	214°25'	252°21'	243°01'	30°55'	210°07'	327°38'
17.12.2052	265°45'	220°24'	226°21'	253°52'	244°16'	31°08'	210°17'	327°42'
18.12.2052	266°46'	232°18'	238°14'	255°24'	245°31'	31°20'	210°27'	327°47'
19.12.2052	267°47'	244°10'	250°05'	256°56'	246°46'	31°34'	210°36'	327°52'
20.12.2052	268°48'	256°01'	261°57'	258°28'	248°02'	31°48'	210°46'	327°57'
21.12.2052	269°49'	267°53'	273°50'	260°00'	249°17'	32°02'	210°55'	328°02'
22.12.2052	270°50'	279°48'	285°47'	261°33'	250°32'	32°17'	211°05'	328°06'
23.12.2052	271°51'	291°47'	297°48'	263°06'	251°47'	32°33'	211°14'	328°12'
24.12.2052	272°52'	303°50'	309°54'	264°39'	253°02'	32°49'	211°23'	328°17'
25.12.2052	273°54'	316°00'	322°08'	266°12'	254°17'	33°06'	211°32'	328°22'
26.12.2052	274°55'	328°19'	334°33'	267°45'	255°33'	33°23'	211°41'	328°27'
27.12.2052	275°56'	340°50'	347°11'	269°19'	256°48'	33°40'	211°50'	328°32'
28.12.2052	276°57'	353°36'	0°07'	270°53'	258°03'	33°59'	211°58'	328°38'
29.12.2052	277°58'	6°42'	13°23'	272°27'	259°18'	34°17'	212°07'	328°43'
30.12.2052	278°59'	20°11'	27°05'	274°02'	260°33'	34°36'	212°15'	328°49'
31.12.2052	280°00'	34°05'	41°13'	275°36'	261°49'	34°56'	212°24'	328°54'
01.01.2053	281°02'	48°27'	55°47'	277°11'	263°04'	35°16'	212°32'	329°00'
02.01.2053	282°03'	63°12'	70°43'	278°47'	264°19'	35°36'	212°40'	329°06'
03.01.2053	283°04'	78°17'	85°54'	280°22'	265°34'	35°57'	212°48'	329°11'
04.01.2053	284°05'	93°32'	101°10'	281°58'	266°50'	36°18'	212°55'	329°17'
05.01.2053	285°06'	108°47'	116°20'	283°35'	268°05'	36°39'	213°03'	329°23'
06.01.2053	286°07'	123°49'	131°13'	285°11'	269°20'	37°01'	213°11'	329°29'

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07.01.2053	287°08'	138°31'	145°41'	286°48'	270°35'	37°23'	213°18'	329°35'
08.01.2053	288°09'	152°45'	159°40'	288°26'	271°51'	37°46'	213°25'	329°41'
09.01.2053	289°11'	166°29'	173°09'	290°04'	273°06'	38°09'	213°32'	329°47'
10.01.2053	290°12'	179°43'	186°11'	291°42'	274°21'	38°32'	213°39'	329°53'
11.01.2053	291°13'	192°32'	198°48'	293°21'	275°37'	38°56'	213°46'	329°59'
12.01.2053	292°14'	204°59'	211°06'	295°00'	276°52'	39°20'	213°53'	330°06'
13.01.2053	293°15'	217°10'	223°10'	296°40'	278°07'	39°44'	213°59'	330°12'
14.01.2053	294°16'	229°09'	235°06'	298°20'	279°22'	40°09'	214°06'	330°18'
15.01.2053	295°17'	241°01'	246°56'	300°01'	280°38'	40°34'	214°12'	330°25'
16.01.2053	296°18'	252°52'	258°47'	301°42'	281°53'	40°59'	214°18'	330°31'
17.01.2053	297°20'	264°43'	270°40'	303°23'	283°08'	41°24'	214°24'	330°37'
18.01.2053	298°21'	276°38'	282°37'	305°05'	284°24'	41°50'	214°30'	330°44'
19.01.2053	299°22'	288°38'	294°40'	306°47'	285°39'	42°16'	214°35'	330°51'
20.01.2053	300°23'	300°45'	306°51'	308°29'	286°54'	42°42'	214°41'	330°57'
21.01.2053	301°24'	313°00'	319°10'	310°12'	288°10'	43°09'	214°46'	331°04'
22.01.2053	302°25'	325°23'	331°38'	311°54'	289°25'	43°35'	214°51'	331°11'
23.01.2053	303°26'	337°56'	344°16'	313°37'	290°40'	44°02'	214°56'	331°17'
24.01.2053	304°27'	350°40'	357°06'	315°20'	291°55'	44°30'	215°01'	331°24'
25.01.2053	305°28'	3°36'	10°10'	317°03'	293°11'	44°57'	215°05'	331°31'
26.01.2053	306°29'	16°47'	23°29'	318°45'	294°26'	45°25'	215°10'	331°38'
27.01.2053	307°30'	30°15'	37°07'	320°26'	295°41'	45°53'	215°14'	331°45'
28.01.2053	308°31'	44°03'	51°03'	322°07'	296°56'	46°21'	215°18'	331°51'
29.01.2053	309°32'	58°09'	65°20'	323°47'	298°12'	46°50'	215°22'	331°58'
30.01.2053	310°33'	72°35'	79°54'	325°26'	299°27'	47°18'	215°26'	332°05'
31.01.2053	311°34'	87°16'	94°41'	327°03'	300°42'	47°47'	215°30'	332°12'
01.02.2053	312°35'	102°07'	109°34'	328°37'	301°57'	48°16'	215°33'	332°19'
02.02.2053	313°36'	117°01'	124°25'	330°09'	303°13'	48°45'	215°36'	332°26'
03.02.2053	314°37'	131°47'	139°06'	331°38'	304°28'	49°14'	215°39'	332°33'
04.02.2053	315°37'	146°19'	153°28'	333°03'	305°43'	49°44'	215°42'	332°40'
05.02.2053	316°38'	160°30'	167°26'	334°24'	306°58'	50°14'	215°45'	332°48'
06.02.2053	317°39'	174°16'	180°59'	335°40'	308°14'	50°44'	215°48'	332°55'
07.02.2053	318°40'	187°36'	194°06'	336°50'	309°29'	51°14'	215°50'	333°02'
08.02.2053	319°41'	200°31'	206°50'	337°53'	310°44'	51°44'	215°52'	333°09'
09.02.2053	320°41'	213°04'	219°14'	338°50'	311°59'	52°14'	215°54'	333°16'
10.02.2053	321°42'	225°20'	231°22'	339°38'	313°14'	52°45'	215°56'	333°23'
11.02.2053	322°43'	237°22'	243°20'	340°17'	314°30'	53°15'	215°58'	333°31'
12.02.2053	323°43'	249°17'	255°13'	340°47'	315°45'	53°46'	215°59'	333°38'
13.02.2053	324°44'	261°08'	267°04'	341°07'	317°00'	54°17'	216°00'	333°45'
14.02.2053	325°45'	273°01'	278°59'	341°16'	318°15'	54°48'	216°01'	333°52'
15.02.2053	326°45'	284°58'	291°00'	341°15'	319°30'	55°19'	216°02'	334°00'
16.02.2053	327°46'	297°04'	303°10'	341°04'	320°45'	55°51'	216°03'	334°07'
17.02.2053	328°47'	309°19'	315°32'	340°42'	322°01'	56°22'	216°03'	334°14'
18.02.2053	329°47'	321°47'	328°05'	340°10'	323°16'	56°54'	216°04'	334°21'
19.02.2053	330°48'	334°27'	340°52'	339°30'	324°31'	57°25'	216°04'	334°29'
20.02.2053	331°48'	347°20'	353°51'	338°41'	325°46'	57°57'	216°04'	334°36'
21.02.2053	332°49'	0°25'	7°02'	337°46'	327°01'	58°29'	216°03'	334°43'
22.02.2053	333°49'	13°43'	20°26'	336°46'	328°16'	59°01'	216°03'	334°51'
23.02.2053	334°50'	27°13'	34°02'	335°42'	329°31'	59°33'	216°02'	334°58'
24.02.2053	335°50'	40°54'	47°49'	334°36'	330°46'	60°06'	216°02'	335°05'
25.02.2053	336°51'	54°47'	61°48'	333°31'	332°01'	60°38'	216°00'	335°13'
26.02.2053	337°51'	68°51'	75°57'	332°26'	333°16'	61°11'	215°59'	335°20'
27.02.2053	338°51'	83°04'	90°14'	331°25'	334°31'	61°43'	215°58'	335°27'
28.02.2053	339°51'	97°25'	104°37'	330°27'	335°46'	62°16'	215°56'	335°34'
01.03.2053	340°52'	111°49'	119°01'	329°35'	337°01'	62°49'	215°55'	335°42'
02.03.2053	341°52'	126°12'	133°22'	328°48'	338°16'	63°22'	215°53'	335°49'

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03.03.2053	342°52'	140°30'	147°36'	328°08'	339°31'	63°55'	215°50'	335°56'
04.03.2053	343°52'	154°38'	161°36'	327°34'	340°46'	64°28'	215°48'	336°04'
05.03.2053	344°52'	168°31'	175°20'	327°08'	342°01'	65°01'	215°46'	336°11'
06.03.2053	345°52'	182°05'	188°45'	326°48'	343°16'	65°34'	215°43'	336°18'
07.03.2053	346°52'	195°19'	201°49'	326°36'	344°31'	66°07'	215°40'	336°25'
08.03.2053	347°52'	208°13'	214°33'	326°30'	345°46'	66°41'	215°37'	336°33'
09.03.2053	348°52'	220°48'	227°00'	326°30'	347°01'	67°14'	215°34'	336°40'
10.03.2053	349°52'	233°07'	239°11'	326°37'	348°16'	67°48'	215°30'	336°47'
11.03.2053	350°52'	245°13'	251°12'	326°49'	349°31'	68°21'	215°27'	336°54'
12.03.2053	351°52'	257°10'	263°07'	327°07'	350°45'	68°55'	215°23'	337°01'
13.03.2053	352°52'	269°03'	275°00'	327°30'	352°00'	69°29'	215°19'	337°08'
14.03.2053	353°52'	280°57'	286°55'	327°58'	353°15'	70°03'	215°15'	337°16'
15.03.2053	354°52'	292°56'	298°58'	328°31'	354°30'	70°36'	215°11'	337°23'
16.03.2053	355°52'	305°04'	311°12'	329°08'	355°45'	71°10'	215°06'	337°30'
17.03.2053	356°51'	317°25'	323°41'	329°49'	357°00'	71°44'	215°02'	337°37'
18.03.2053	357°51'	330°01'	336°26'	330°34'	358°14'	72°19'	214°57'	337°44'
19.03.2053	358°51'	342°55'	349°29'	331°22'	359°29'	72°53'	214°52'	337°51'
20.03.2053	359°51'	356°08'	2°50'	332°14'	0°44'	73°27'	214°47'	337°58'
21.03.2053	0°50'	9°37'	16°27'	333°09'	1°58'	74°01'	214°42'	338°05'
22.03.2053	1°50'	23°22'	30°19'	334°06'	3°13'	74°36'	214°37'	338°12'
23.03.2053	2°49'	37°19'	44°21'	335°07'	4°28'	75°10'	214°31'	338°19'
24.03.2053	3°49'	51°26'	58°31'	336°10'	5°43'	75°44'	214°26'	338°25'
25.03.2053	4°48'	65°38'	72°46'	337°15'	6°57'	76°19'	214°20'	338°32'
26.03.2053	5°48'	79°53'	87°00'	338°23'	8°12'	76°53'	214°14'	338°39'
27.03.2053	6°47'	94°07'	101°13'	339°33'	9°26'	77°28'	214°08'	338°46'
28.03.2053	7°47'	108°18'	115°22'	340°45'	10°41'	78°03'	214°02'	338°53'
29.03.2053	8°46'	122°24'	129°24'	342°00'	11°56'	78°37'	213°56'	338°59'
30.03.2053	9°45'	136°22'	143°18'	343°16'	13°10'	79°12'	213°49'	339°06'
31.03.2053	10°45'	150°11'	157°02'	344°34'	14°25'	79°47'	213°43'	339°13'
01.04.2053	11°44'	163°50'	170°35'	345°54'	15°39'	80°22'	213°36'	339°19'
02.04.2053	12°43'	177°16'	183°55'	347°16'	16°54'	80°57'	213°30'	339°26'
03.04.2053	13°42'	190°29'	197°01'	348°39'	18°08'	81°31'	213°23'	339°32'
04.04.2053	14°41'	203°28'	209°52'	350°04'	19°22'	82°06'	213°16'	339°39'
05.04.2053	15°40'	216°12'	222°29'	351°31'	20°37'	82°41'	213°09'	339°45'
06.04.2053	16°39'	228°42'	234°52'	352°59'	21°51'	83°16'	213°02'	339°51'
07.04.2053	17°38'	240°58'	247°02'	354°29'	23°06'	83°52'	212°55'	339°58'
08.04.2053	18°37'	253°04'	259°03'	356°01'	24°20'	84°27'	212°48'	340°04'
09.04.2053	19°36'	265°01'	270°58'	357°34'	25°34'	85°02'	212°40'	340°10'
10.04.2053	20°35'	276°55'	282°51'	359°09'	26°49'	85°37'	212°33'	340°16'
11.04.2053	21°34'	288°48'	294°46'	0°45'	28°03'	86°12'	212°26'	340°22'
12.04.2053	22°33'	300°46'	306°48'	2°23'	29°17'	86°47'	212°18'	340°29'
13.04.2053	23°32'	312°53'	319°02'	4°02'	30°31'	87°23'	212°11'	340°35'
14.04.2053	24°31'	325°15'	331°32'	5°43'	31°46'	87°58'	212°03'	340°41'
15.04.2053	25°30'	337°55'	344°23'	7°26'	33°00'	88°33'	211°56'	340°46'
16.04.2053	26°28'	350°56'	357°35'	9°10'	34°14'	89°09'	211°48'	340°52'
17.04.2053	27°27'	4°21'	11°12'	10°56'	35°28'	89°44'	211°41'	340°58'
18.04.2053	28°26'	18°08'	25°10'	12°43'	36°42'	90°20'	211°33'	341°04'
19.04.2053	29°25'	32°17'	39°28'	14°32'	37°57'	90°55'	211°25'	341°10'
20.04.2053	30°23'	46°42'	53°59'	16°22'	39°11'	91°31'	211°18'	341°15'
21.04.2053	31°22'	61°18'	68°37'	18°14'	40°25'	92°06'	211°10'	341°21'
22.04.2053	32°20'	75°57'	83°16'	20°08'	41°39'	92°42'	211°02'	341°26'
23.04.2053	33°19'	90°33'	97°48'	22°03'	42°53'	93°17'	210°55'	341°32'
24.04.2053	34°17'	105°00'	112°09'	24°00'	44°07'	93°53'	210°47'	341°37'
25.04.2053	35°16'	119°14'	126°16'	25°58'	45°21'	94°29'	210°39'	341°42'
26.04.2053	36°14'	133°14'	140°08'	27°58'	46°35'	95°04'	210°32'	341°48'

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27.04.2053	37°13'	146°58'	153°44'	30°00'	47°49'	95°40'	210°24'	341°53'
28.04.2053	38°11'	160°27'	167°07'	32°03'	49°03'	96°16'	210°16'	341°58'
29.04.2053	39°09'	173°43'	180°15'	34°07'	50°17'	96°51'	210°09'	342°03'
30.04.2053	40°08'	186°45'	193°12'	36°13'	51°31'	97°27'	210°01'	342°08'
01.05.2053	41°06'	199°36'	205°57'	38°20'	52°45'	98°03'	209°54'	342°13'
02.05.2053	42°04'	212°16'	218°31'	40°27'	53°59'	98°39'	209°47'	342°18'
03.05.2053	43°02'	224°45'	230°55'	42°36'	55°12'	99°15'	209°39'	342°23'
04.05.2053	44°00'	237°04'	243°09'	44°45'	56°26'	99°51'	209°32'	342°27'
05.05.2053	44°59'	249°13'	255°15'	46°55'	57°40'	100°26'	209°25'	342°32'
06.05.2053	45°57'	261°15'	267°13'	49°05'	58°54'	101°02'	209°18'	342°36'
07.05.2053	46°55'	273°10'	279°07'	51°15'	60°07'	101°38'	209°11'	342°41'
08.05.2053	47°53'	285°03'	290°58'	53°25'	61°21'	102°14'	209°04'	342°45'
09.05.2053	48°51'	296°55'	302°52'	55°34'	62°35'	102°50'	208°57'	342°50'
10.05.2053	49°49'	308°51'	314°52'	57°42'	63°49'	103°26'	208°50'	342°54'
11.05.2053	50°47'	320°56'	327°04'	59°48'	65°02'	104°02'	208°43'	342°58'
12.05.2053	51°45'	333°15'	339°31'	61°54'	66°16'	104°38'	208°37'	343°02'
13.05.2053	52°43'	345°53'	352°20'	63°57'	67°30'	105°14'	208°30'	343°06'
14.05.2053	53°41'	358°54'	5°34'	65°59'	68°43'	105°50'	208°24'	343°10'
15.05.2053	54°39'	12°21'	19°16'	67°58'	69°57'	106°27'	208°17'	343°14'
16.05.2053	55°37'	26°17'	33°25'	69°55'	71°10'	107°03'	208°11'	343°18'
17.05.2053	56°34'	40°39'	47°58'	71°50'	72°24'	107°39'	208°05'	343°22'
18.05.2053	57°32'	55°23'	62°51'	73°41'	73°37'	108°15'	207°59'	343°25'
19.05.2053	58°30'	70°21'	77°53'	75°30'	74°51'	108°51'	207°54'	343°29'
20.05.2053	59°28'	85°25'	92°55'	77°16'	76°04'	109°27'	207°48'	343°32'
21.05.2053	60°26'	100°24'	107°49'	78°59'	77°18'	110°04'	207°42'	343°35'
22.05.2053	61°23'	115°10'	122°26'	80°39'	78°31'	110°40'	207°37'	343°39'
23.05.2053	62°21'	129°36'	136°42'	82°15'	79°45'	111°16'	207°32'	343°42'
24.05.2053	63°19'	143°41'	150°35'	83°48'	80°58'	111°52'	207°27'	343°45'
25.05.2053	64°16'	157°23'	164°06'	85°18'	82°12'	112°29'	207°22'	343°48'
26.05.2053	65°14'	170°44'	177°17'	86°45'	83°25'	113°05'	207°17'	343°51'
27.05.2053	66°12'	183°46'	190°12'	88°09'	84°38'	113°41'	207°12'	343°54'
28.05.2053	67°09'	196°33'	202°52'	89°29'	85°52'	114°18'	207°08'	343°56'
29.05.2053	68°07'	209°07'	215°20'	90°45'	87°05'	114°54'	207°03'	343°59'
30.05.2053	69°04'	221°31'	227°39'	91°58'	88°18'	115°31'	206°59'	344°02'
31.05.2053	70°02'	233°46'	239°50'	93°08'	89°31'	116°07'	206°55'	344°04'
01.06.2053	70°59'	245°53'	251°55'	94°14'	90°45'	116°43'	206°51'	344°06'
02.06.2053	71°57'	257°55'	263°54'	95°16'	91°58'	117°20'	206°47'	344°09'
03.06.2053	72°54'	269°51'	275°48'	96°15'	93°11'	117°56'	206°44'	344°11'
04.06.2053	73°52'	281°44'	287°40'	97°10'	94°24'	118°33'	206°41'	344°13'
05.06.2053	74°49'	293°35'	299°31'	98°01'	95°37'	119°09'	206°37'	344°15'
06.06.2053	75°47'	305°28'	311°25'	98°48'	96°50'	119°46'	206°34'	344°17'
07.06.2053	76°44'	317°24'	323°25'	99°31'	98°03'	120°22'	206°31'	344°19'
08.06.2053	77°42'	329°28'	335°35'	100°10'	99°16'	120°59'	206°29'	344°20'
09.06.2053	78°39'	341°45'	348°00'	100°44'	100°29'	121°35'	206°26'	344°22'
10.06.2053	79°36'	354°20'	0°45'	101°15'	101°42'	122°12'	206°24'	344°23'
11.06.2053	80°34'	7°17'	13°55'	101°41'	102°55'	122°49'	206°22'	344°25'
12.06.2053	81°31'	20°41'	27°33'	102°02'	104°08'	123°25'	206°20'	344°26'
13.06.2053	82°28'	34°34'	41°41'	102°19'	105°21'	124°02'	206°18'	344°27'
14.06.2053	83°26'	48°56'	56°17'	102°32'	106°34'	124°38'	206°16'	344°29'
15.06.2053	84°23'	63°44'	71°16'	102°40'	107°47'	125°15'	206°15'	344°30'
16.06.2053	85°20'	78°52'	86°30'	102°43'	109°00'	125°52'	206°13'	344°30'
17.06.2053	86°18'	94°09'	101°47'	102°42'	110°13'	126°28'	206°12'	344°31'
18.06.2053	87°15'	109°23'	116°56'	102°37'	111°26'	127°05'	206°11'	344°32'
19.06.2053	88°12'	124°25'	131°49'	102°27'	112°38'	127°42'	206°11'	344°33'
20.06.2053	89°10'	139°06'	146°17'	102°13'	113°51'	128°19'	206°10'	344°33'

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21.06.2053	90°07'	153°21'	160°19'	101°54'	115°04'	128°56'	206°10'	344°34'
22.06.2053	91°04'	167°10'	173°54'	101°33'	116°17'	129°32'	206°10'	344°34'
23.06.2053	92°01'	180°32'	187°05'	101°08'	117°29'	130°09'	206°10'	344°34'
24.06.2053	92°59'	193°32'	199°54'	100°39'	118°42'	130°46'	206°10'	344°34'
25.06.2053	93°56'	206°12'	212°27'	100°09'	119°55'	131°23'	206°10'	344°34'
26.06.2053	94°53'	218°38'	224°46'	99°36'	121°07'	132°00'	206°11'	344°34'
27.06.2053	95°50'	230°51'	236°55'	99°01'	122°20'	132°37'	206°11'	344°34'
28.06.2053	96°48'	242°57'	248°57'	98°26'	123°32'	133°13'	206°12'	344°34'
29.06.2053	97°45'	254°56'	260°54'	97°50'	124°45'	133°50'	206°13'	344°33'
30.06.2053	98°42'	266°51'	272°48'	97°15'	125°57'	134°27'	206°15'	344°33'
01.07.2053	99°39'	278°44'	284°40'	96°40'	127°10'	135°04'	206°16'	344°32'
02.07.2053	100°36'	290°36'	296°32'	96°07'	128°22'	135°41'	206°18'	344°32'
03.07.2053	101°34'	302°29'	308°26'	95°36'	129°34'	136°18'	206°19'	344°31'
04.07.2053	102°31'	314°24'	320°23'	95°08'	130°47'	136°55'	206°21'	344°30'
05.07.2053	103°28'	326°24'	332°27'	94°42'	131°59'	137°32'	206°23'	344°29'
06.07.2053	104°25'	338°32'	344°40'	94°20'	133°11'	138°09'	206°26'	344°28'
07.07.2053	105°22'	350°51'	357°07'	94°02'	134°23'	138°46'	206°28'	344°27'
08.07.2053	106°20'	3°27'	9°52'	93°48'	135°36'	139°23'	206°31'	344°25'
09.07.2053	107°17'	16°22'	22°58'	93°39'	136°48'	140°00'	206°34'	344°24'
10.07.2053	108°14'	29°41'	36°31'	93°35'	138°00'	140°38'	206°37'	344°23'
11.07.2053	109°11'	43°27'	50°31'	93°36'	139°12'	141°15'	206°40'	344°21'
12.07.2053	110°08'	57°41'	64°58'	93°41'	140°24'	141°52'	206°43'	344°19'
13.07.2053	111°06'	72°21'	79°50'	93°53'	141°36'	142°29'	206°46'	344°18'
14.07.2053	112°03'	87°22'	94°58'	94°09'	142°48'	143°06'	206°50'	344°16'
15.07.2053	113°00'	102°36'	110°14'	94°31'	144°00'	143°44'	206°54'	344°14'
16.07.2053	113°57'	117°51'	125°26'	94°58'	145°12'	144°21'	206°58'	344°12'
17.07.2053	114°55'	132°58'	140°25'	95°31'	146°24'	144°58'	207°02'	344°10'
18.07.2053	115°52'	147°47'	155°02'	96°09'	147°36'	145°35'	207°06'	344°08'
19.07.2053	116°49'	162°11'	169°13'	96°52'	148°47'	146°13'	207°11'	344°05'
20.07.2053	117°46'	176°07'	182°55'	97°40'	149°59'	146°50'	207°15'	344°03'
21.07.2053	118°44'	189°36'	196°11'	98°34'	151°11'	147°27'	207°20'	344°01'
22.07.2053	119°41'	202°40'	209°03'	99°33'	152°22'	148°05'	207°25'	343°58'
23.07.2053	120°38'	215°21'	221°35'	100°37'	153°34'	148°42'	207°30'	343°55'
24.07.2053	121°36'	227°45'	233°52'	101°46'	154°46'	149°20'	207°35'	343°53'
25.07.2053	122°33'	239°56'	245°57'	103°00'	155°57'	149°57'	207°41'	343°50'
26.07.2053	123°30'	251°56'	257°55'	104°19'	157°09'	150°34'	207°46'	343°47'
27.07.2053	124°28'	263°52'	269°48'	105°42'	158°20'	151°12'	207°52'	343°44'
28.07.2053	125°25'	275°44'	281°40'	107°10'	159°31'	151°49'	207°58'	343°41'
29.07.2053	126°22'	287°36'	293°32'	108°42'	160°43'	152°27'	208°04'	343°38'
30.07.2053	127°20'	299°30'	305°28'	110°19'	161°54'	153°05'	208°10'	343°35'
31.07.2053	128°17'	311°27'	317°27'	111°59'	163°05'	153°42'	208°16'	343°32'
01.08.2053	129°14'	323°29'	329°33'	113°44'	164°16'	154°20'	208°22'	343°28'
02.08.2053	130°12'	335°39'	341°46'	115°31'	165°27'	154°57'	208°29'	343°25'
03.08.2053	131°09'	347°57'	354°10'	117°22'	166°38'	155°35'	208°36'	343°22'
04.08.2053	132°06'	0°26'	6°46'	119°16'	167°49'	156°13'	208°42'	343°18'
05.08.2053	133°04'	13°10'	19°38'	121°12'	169°00'	156°50'	208°49'	343°15'
06.08.2053	134°01'	26°10'	32°47'	123°10'	170°11'	157°28'	208°56'	343°11'
07.08.2053	134°59'	39°30'	46°18'	125°10'	171°22'	158°06'	209°04'	343°07'
08.08.2053	135°56'	53°11'	60°10'	127°11'	172°33'	158°43'	209°11'	343°03'
09.08.2053	136°54'	67°15'	74°25'	129°14'	173°44'	159°21'	209°18'	343°00'
10.08.2053	137°51'	81°41'	89°01'	131°17'	174°54'	159°59'	209°26'	342°56'
11.08.2053	138°49'	96°25'	103°52'	133°20'	176°05'	160°37'	209°34'	342°52'
12.08.2053	139°46'	111°21'	118°51'	135°24'	177°15'	161°15'	209°41'	342°48'
13.08.2053	140°44'	126°21'	133°51'	137°27'	178°26'	161°53'	209°49'	342°44'
14.08.2053	141°42'	141°18'	148°42'	139°30'	179°36'	162°31'	209°57'	342°40'

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15.08.2053	142°39'	156°01'	163°16'	141°33'	180°47'	163°09'	210°06'	342°36'
16.08.2053	143°37'	170°25'	177°28'	143°35'	181°57'	163°47'	210°14'	342°31'
17.08.2053	144°35'	184°25'	191°15'	145°35'	183°07'	164°25'	210°22'	342°27'
18.08.2053	145°32'	197°59'	204°36'	147°35'	184°17'	165°03'	210°31'	342°23'
19.08.2053	146°30'	211°08'	217°33'	149°34'	185°27'	165°41'	210°40'	342°19'
20.08.2053	147°28'	223°53'	230°09'	151°31'	186°37'	166°19'	210°48'	342°14'
21.08.2053	148°26'	236°20'	242°27'	153°28'	187°47'	166°57'	210°57'	342°10'
22.08.2053	149°23'	248°31'	254°32'	155°22'	188°57'	167°35'	211°06'	342°06'
23.08.2053	150°21'	260°31'	266°29'	157°16'	190°07'	168°13'	211°15'	342°01'
24.08.2053	151°19'	272°25'	278°21'	159°08'	191°17'	168°51'	211°24'	341°57'
25.08.2053	152°17'	284°17'	290°13'	160°59'	192°26'	169°29'	211°34'	341°52'
26.08.2053	153°15'	296°10'	302°08'	162°49'	193°36'	170°08'	211°43'	341°48'
27.08.2053	154°13'	308°08'	314°09'	164°37'	194°45'	170°46'	211°53'	341°43'
28.08.2053	155°11'	320°12'	326°17'	166°24'	195°55'	171°24'	212°02'	341°39'
29.08.2053	156°08'	332°24'	338°35'	168°10'	197°04'	172°03'	212°12'	341°34'
30.08.2053	157°06'	344°48'	351°04'	169°54'	198°13'	172°41'	212°22'	341°30'
31.08.2053	158°04'	357°23'	3°45'	171°37'	199°22'	173°19'	212°32'	341°25'
01.09.2053	159°02'	10°10'	16°39'	173°19'	200°31'	173°58'	212°42'	341°20'
02.09.2053	160°00'	23°11'	29°46'	174°59'	201°40'	174°36'	212°52'	341°16'
03.09.2053	160°59'	36°26'	43°09'	176°38'	202°49'	175°15'	213°02'	341°11'
04.09.2053	161°57'	49°55'	56°46'	178°16'	203°57'	175°53'	213°12'	341°07'
05.09.2053	162°55'	63°40'	70°38'	179°53'	205°06'	176°32'	213°22'	341°02'
06.09.2053	163°53'	77°39'	84°44'	181°29'	206°14'	177°10'	213°33'	340°58'
07.09.2053	164°51'	91°53'	99°04'	183°03'	207°23'	177°49'	213°43'	340°53'
08.09.2053	165°49'	106°17'	113°33'	184°36'	208°31'	178°27'	213°54'	340°48'
09.09.2053	166°48'	120°50'	128°08'	186°08'	209°39'	179°06'	214°05'	340°44'
10.09.2053	167°46'	135°25'	142°43'	187°39'	210°47'	179°45'	214°15'	340°39'
11.09.2053	168°44'	149°59'	157°12'	189°09'	211°55'	180°23'	214°26'	340°35'
12.09.2053	169°43'	164°23'	171°31'	190°37'	213°03'	181°02'	214°37'	340°30'
13.09.2053	170°41'	178°34'	185°33'	192°04'	214°11'	181°41'	214°48'	340°26'
14.09.2053	171°39'	192°27'	199°15'	193°30'	215°19'	182°20'	214°59'	340°21'
15.09.2053	172°38'	205°58'	212°36'	194°55'	216°26'	182°59'	215°10'	340°17'
16.09.2053	173°36'	219°08'	225°35'	196°19'	217°33'	183°37'	215°22'	340°13'
17.09.2053	174°35'	231°56'	238°13'	197°41'	218°41'	184°16'	215°33'	340°08'
18.09.2053	175°33'	244°25'	250°33'	199°02'	219°48'	184°55'	215°44'	340°04'
19.09.2053	176°32'	256°38'	262°40'	200°21'	220°55'	185°34'	215°56'	340°00'
20.09.2053	177°31'	268°39'	274°37'	201°40'	222°02'	186°13'	216°07'	339°55'
21.09.2053	178°29'	280°34'	286°30'	202°56'	223°08'	186°52'	216°19'	339°51'
22.09.2053	179°28'	292°25'	298°22'	204°12'	224°15'	187°31'	216°31'	339°47'
23.09.2053	180°27'	304°19'	310°18'	205°25'	225°21'	188°11'	216°42'	339°43'
24.09.2053	181°25'	316°20'	322°23'	206°37'	226°27'	188°50'	216°54'	339°39'
25.09.2053	182°24'	328°30'	334°40'	207°47'	227°33'	189°29'	217°06'	339°35'
26.09.2053	183°23'	340°53'	347°10'	208°56'	228°39'	190°08'	217°18'	339°31'
27.09.2053	184°22'	353°31'	359°56'	210°02'	229°45'	190°47'	217°30'	339°27'
28.09.2053	185°20'	6°25'	12°59'	211°06'	230°50'	191°27'	217°42'	339°23'
29.09.2053	186°19'	19°36'	26°17'	212°08'	231°56'	192°06'	217°54'	339°19'
30.09.2053	187°18'	33°01'	39°49'	213°07'	233°01'	192°45'	218°06'	339°15'
01.10.2053	188°17'	46°40'	53°34'	214°04'	234°06'	193°25'	218°18'	339°11'
02.10.2053	189°16'	60°31'	67°29'	214°58'	235°10'	194°04'	218°30'	339°08'
03.10.2053	190°15'	74°30'	81°32'	215°48'	236°15'	194°43'	218°42'	339°04'
04.10.2053	191°14'	88°36'	95°40'	216°36'	237°19'	195°23'	218°55'	339°01'
05.10.2053	192°13'	102°45'	109°51'	217°19'	238°23'	196°02'	219°07'	338°57'
06.10.2053	193°12'	116°57'	124°03'	217°59'	239°27'	196°42'	219°19'	338°54'
07.10.2053	194°12'	131°09'	138°14'	218°34'	240°31'	197°22'	219°32'	338°51'
08.10.2053	195°11'	145°19'	152°22'	219°04'	241°34'	198°01'	219°44'	338°47'

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09.10.2053	196°10'	159°24'	166°24'	219°29'	242°37'	198°41'	219°57'	338°44'
10.10.2053	197°09'	173°22'	180°17'	219°48'	243°40'	199°21'	220°09'	338°41'
11.10.2053	198°09'	187°10'	193°59'	220°01'	244°43'	200°00'	220°22'	338°38'
12.10.2053	199°08'	200°45'	207°26'	220°07'	245°45'	200°40'	220°35'	338°35'
13.10.2053	200°07'	214°04'	220°37'	220°06'	246°47'	201°20'	220°47'	338°32'
14.10.2053	201°07'	227°06'	233°30'	219°58'	247°49'	202°00'	221°00'	338°30'
15.10.2053	202°06'	239°51'	246°06'	219°41'	248°50'	202°40'	221°13'	338°27'
16.10.2053	203°06'	252°18'	258°26'	219°17'	249°51'	203°20'	221°26'	338°24'
17.10.2053	204°05'	264°31'	270°33'	218°43'	250°52'	204°00'	221°38'	338°22'
18.10.2053	205°05'	276°32'	282°30'	218°01'	251°53'	204°40'	221°51'	338°19'
19.10.2053	206°04'	288°26'	294°21'	217°11'	252°53'	205°20'	222°04'	338°17'
20.10.2053	207°04'	300°16'	306°12'	216°13'	253°52'	206°00'	222°17'	338°15'
21.10.2053	208°04'	312°09'	318°08'	215°09'	254°52'	206°40'	222°30'	338°13'
22.10.2053	209°03'	324°10'	330°14'	213°59'	255°51'	207°20'	222°43'	338°11'
23.10.2053	210°03'	336°22'	342°34'	212°45'	256°49'	208°00'	222°56'	338°09'
24.10.2053	211°03'	348°51'	355°13'	211°30'	257°47'	208°40'	223°09'	338°07'
25.10.2053	212°02'	1°40'	8°12'	210°15'	258°45'	209°21'	223°22'	338°05'
26.10.2053	213°02'	14°50'	21°33'	209°03'	259°42'	210°01'	223°35'	338°03'
27.10.2053	214°02'	28°22'	35°15'	207°55'	260°39'	210°41'	223°48'	338°02'
28.10.2053	215°02'	42°14'	49°16'	206°55'	261°35'	211°22'	224°01'	338°00'
29.10.2053	216°02'	56°21'	63°30'	206°03'	262°31'	212°02'	224°14'	337°59'
30.10.2053	217°02'	70°40'	77°52'	205°22'	263°26'	212°43'	224°27'	337°58'
31.10.2053	218°02'	85°04'	92°16'	204°51'	264°21'	213°23'	224°41'	337°56'
01.11.2053	219°02'	99°28'	106°38'	204°32'	265°15'	214°04'	224°54'	337°55'
02.11.2053	220°02'	113°46'	120°53'	204°24'	266°08'	214°44'	225°07'	337°54'
03.11.2053	221°02'	127°58'	135°00'	204°28'	267°01'	215°25'	225°20'	337°54'
04.11.2053	222°02'	141°59'	148°57'	204°43'	267°53'	216°05'	225°33'	337°53'
05.11.2053	223°02'	155°51'	162°44'	205°07'	268°45'	216°46'	225°46'	337°52'
06.11.2053	224°02'	169°34'	176°21'	205°41'	269°36'	217°27'	226°00'	337°52'
07.11.2053	225°02'	183°06'	189°48'	206°24'	270°26'	218°08'	226°13'	337°51'
08.11.2053	226°02'	196°28'	203°05'	207°14'	271°15'	218°48'	226°26'	337°51'
09.11.2053	227°03'	209°40'	216°11'	208°11'	272°04'	219°29'	226°39'	337°50'
10.11.2053	228°03'	222°39'	229°05'	209°14'	272°51'	220°10'	226°52'	337°50'
11.11.2053	229°03'	235°27'	241°45'	210°22'	273°38'	220°51'	227°06'	337°50'
12.11.2053	230°04'	248°01'	254°13'	211°34'	274°24'	221°32'	227°19'	337°50'
13.11.2053	231°04'	260°22'	266°27'	212°50'	275°09'	222°13'	227°32'	337°51'
14.11.2053	232°04'	272°30'	278°31'	214°09'	275°54'	222°54'	227°45'	337°51'
15.11.2053	233°05'	284°29'	290°25'	215°31'	276°37'	223°35'	227°58'	337°51'
16.11.2053	234°05'	296°21'	302°15'	216°56'	277°19'	224°17'	228°12'	337°52'
17.11.2053	235°06'	308°09'	314°04'	218°22'	278°00'	224°58'	228°25'	337°52'
18.11.2053	236°06'	319°59'	325°57'	219°50'	278°40'	225°39'	228°38'	337°53'
19.11.2053	237°07'	331°57'	338°00'	221°19'	279°18'	226°20'	228°51'	337°54'
20.11.2053	238°07'	344°07'	350°18'	222°49'	279°56'	227°02'	229°04'	337°55'
21.11.2053	239°08'	356°35'	2°57'	224°20'	280°32'	227°43'	229°17'	337°56'
22.11.2053	240°08'	9°25'	16°00'	225°52'	281°06'	228°24'	229°30'	337°57'
23.11.2053	241°09'	22°42'	29°30'	227°24'	281°40'	229°06'	229°44'	337°58'
24.11.2053	242°10'	36°26'	43°28'	228°57'	282°12'	229°47'	229°57'	337°59'
25.11.2053	243°10'	50°35'	57°49'	230°30'	282°42'	230°29'	230°10'	338°01'
26.11.2053	244°11'	65°07'	72°28'	232°04'	283°11'	231°10'	230°23'	338°02'
27.11.2053	245°12'	79°53'	87°18'	233°37'	283°38'	231°52'	230°36'	338°04'
28.11.2053	246°12'	94°45'	102°10'	235°11'	284°03'	232°33'	230°49'	338°06'
29.11.2053	247°13'	109°34'	116°55'	236°45'	284°27'	233°15'	231°02'	338°08'
30.11.2053	248°14'	124°13'	131°27'	238°19'	284°49'	233°57'	231°15'	338°10'
01.12.2053	249°15'	138°37'	145°42'	239°53'	285°08'	234°39'	231°28'	338°12'
02.12.2053	250°15'	152°43'	159°39'	241°27'	285°26'	235°20'	231°40'	338°14'

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03.12.2053	251°16'	166°31'	173°19'	243°01'	285°42'	236°02'	231°53'	338°16'
04.12.2053	252°17'	180°02'	186°42'	244°35'	285°56'	236°44'	232°06'	338°18'
05.12.2053	253°18'	193°18'	199°50'	246°08'	286°08'	237°26'	232°19'	338°21'
06.12.2053	254°19'	206°20'	212°47'	247°42'	286°17'	238°08'	232°32'	338°23'
07.12.2053	255°20'	219°10'	225°31'	249°16'	286°25'	238°50'	232°44'	338°26'
08.12.2053	256°21'	231°50'	238°06'	250°50'	286°29'	239°32'	232°57'	338°29'
09.12.2053	257°22'	244°20'	250°31'	252°24'	286°32'	240°14'	233°10'	338°32'
10.12.2053	258°23'	256°39'	262°46'	253°58'	286°32'	240°56'	233°22'	338°35'
11.12.2053	259°24'	268°50'	274°52'	255°32'	286°30'	241°39'	233°35'	338°38'
12.12.2053	260°25'	280°52'	286°50'	257°06'	286°25'	242°21'	233°47'	338°41'
13.12.2053	261°26'	292°46'	298°41'	258°41'	286°18'	243°03'	234°00'	338°44'
14.12.2053	262°27'	304°35'	310°29'	260°15'	286°08'	243°45'	234°12'	338°47'
15.12.2053	263°28'	316°22'	322°16'	261°49'	285°56'	244°28'	234°25'	338°51'
16.12.2053	264°29'	328°11'	334°07'	263°23'	285°42'	245°10'	234°37'	338°54'
17.12.2053	265°30'	340°06'	346°07'	264°58'	285°24'	245°53'	234°49'	338°58'
18.12.2053	266°31'	352°12'	358°21'	266°33'	285°05'	246°35'	235°02'	339°02'
19.12.2053	267°32'	4°35'	10°55'	268°07'	284°43'	247°18'	235°14'	339°05'
20.12.2053	268°33'	17°21'	23°53'	269°42'	284°19'	248°00'	235°26'	339°09'
21.12.2053	269°34'	30°33'	37°20'	271°17'	283°53'	248°43'	235°38'	339°13'
22.12.2053	270°35'	44°15'	51°18'	272°52'	283°25'	249°25'	235°50'	339°17'
23.12.2053	271°36'	58°27'	65°44'	274°28'	282°55'	250°08'	236°02'	339°21'
24.12.2053	272°37'	73°07'	80°35'	276°04'	282°24'	250°51'	236°14'	339°26'
25.12.2053	273°38'	88°07'	95°41'	277°39'	281°51'	251°33'	236°26'	339°30'
26.12.2053	274°40'	103°18'	110°54'	279°16'	281°16'	252°16'	236°38'	339°34'
27.12.2053	275°41'	118°29'	126°02'	280°52'	280°41'	252°59'	236°49'	339°39'
28.12.2053	276°42'	133°32'	140°56'	282°28'	280°05'	253°42'	237°01'	339°43'
29.12.2053	277°43'	148°16'	155°30'	284°05'	279°29'	254°25'	237°12'	339°48'
30.12.2053	278°44'	162°38'	169°40'	285°42'	278°52'	255°08'	237°24'	339°53'
31.12.2053	279°45'	176°36'	183°26'	287°20'	278°15'	255°51'	237°35'	339°57'
01.01.2054	280°46'	190°10'	196°48'	288°57'	277°39'	256°34'	237°47'	340°02'
02.01.2054	281°47'	203°22'	209°51'	290°35'	277°03'	257°17'	237°58'	340°07'
03.01.2054	282°49'	216°15'	222°36'	292°12'	276°28'	258°00'	238°09'	340°12'
04.01.2054	283°50'	228°53'	235°07'	293°50'	275°54'	258°43'	238°20'	340°17'
05.01.2054	284°51'	241°19'	247°27'	295°28'	275°21'	259°27'	238°31'	340°22'
06.01.2054	285°52'	253°34'	259°38'	297°06'	274°50'	260°10'	238°42'	340°27'
07.01.2054	286°53'	265°40'	271°41'	298°44'	274°20'	260°53'	238°53'	340°33'
08.01.2054	287°54'	277°40'	283°38'	300°22'	273°52'	261°36'	239°04'	340°38'
09.01.2054	288°56'	289°34'	295°30'	301°59'	273°26'	262°20'	239°15'	340°44'
10.01.2054	289°57'	301°25'	307°19'	303°36'	273°02'	263°03'	239°25'	340°49'
11.01.2054	290°58'	313°13'	319°07'	305°13'	272°41'	263°47'	239°36'	340°55'
12.01.2054	291°59'	325°01'	330°56'	306°48'	272°21'	264°30'	239°46'	341°00'
13.01.2054	293°00'	336°52'	342°49'	308°23'	272°04'	265°14'	239°57'	341°06'
14.01.2054	294°01'	348°48'	354°50'	309°56'	271°49'	265°57'	240°07'	341°12'
15.01.2054	295°03'	0°55'	7°04'	311°28'	271°37'	266°41'	240°17'	341°17'
16.01.2054	296°04'	13°17'	19°35'	312°58'	271°27'	267°24'	240°27'	341°23'
17.01.2054	297°05'	25°58'	32°27'	314°25'	271°20'	268°08'	240°37'	341°29'
18.01.2054	298°06'	39°03'	45°45'	315°50'	271°15'	268°52'	240°47'	341°35'
19.01.2054	299°07'	52°35'	59°32'	317°11'	271°13'	269°36'	240°56'	341°41'
20.01.2054	300°08'	66°37'	73°48'	318°28'	271°13'	270°19'	241°06'	341°47'
21.01.2054	301°09'	81°07'	88°31'	319°40'	271°15'	271°03'	241°16'	341°53'
22.01.2054	302°10'	96°01'	103°35'	320°47'	271°20'	271°47'	241°25'	342°00'
23.01.2054	303°11'	111°12'	118°51'	321°48'	271°27'	272°31'	241°34'	342°06'
24.01.2054	304°12'	126°30'	134°08'	322°42'	271°37'	273°15'	241°44'	342°12'
25.01.2054	305°13'	141°44'	149°17'	323°27'	271°48'	273°59'	241°53'	342°19'
26.01.2054	306°14'	156°45'	164°08'	324°04'	272°02'	274°43'	242°02'	342°25'

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27.01.2054	307°15'	171°24'	178°34'	324°32'	272°18'	275°27'	242°10'	342°31'
28.01.2054	308°16'	185°38'	192°34'	324°49'	272°36'	276°11'	242°19'	342°38'
29.01.2054	309°17'	199°24'	206°07'	324°55'	272°56'	276°55'	242°28'	342°44'
30.01.2054	310°18'	212°44'	219°15'	324°50'	273°18'	277°39'	242°36'	342°51'
31.01.2054	311°19'	225°40'	232°01'	324°34'	273°42'	278°24'	242°45'	342°58'
01.02.2054	312°20'	238°16'	244°28'	324°06'	274°07'	279°08'	242°53'	343°04'
02.02.2054	313°21'	250°36'	256°41'	323°28'	274°35'	279°52'	243°01'	343°11'
03.02.2054	314°22'	262°43'	268°44'	322°41'	275°04'	280°36'	243°09'	343°18'
04.02.2054	315°22'	274°42'	280°39'	321°44'	275°34'	281°21'	243°17'	343°25'
05.02.2054	316°23'	286°34'	292°29'	320°41'	276°06'	282°05'	243°24'	343°31'
06.02.2054	317°24'	298°24'	304°18'	319°33'	276°40'	282°50'	243°32'	343°38'
07.02.2054	318°25'	310°12'	316°07'	318°21'	277°14'	283°34'	243°39'	343°45'
08.02.2054	319°26'	322°02'	327°58'	317°09'	277°51'	284°18'	243°47'	343°52'
09.02.2054	320°27'	333°55'	339°53'	315°57'	278°28'	285°03'	243°54'	343°59'
10.02.2054	321°27'	345°53'	351°54'	314°49'	279°07'	285°48'	244°01'	344°06'
11.02.2054	322°28'	357°58'	4°04'	313°45'	279°47'	286°32'	244°08'	344°13'
12.02.2054	323°29'	10°13'	16°26'	312°46'	280°28'	287°17'	244°15'	344°20'
13.02.2054	324°30'	22°42'	29°02'	311°54'	281°10'	288°01'	244°21'	344°27'
14.02.2054	325°30'	35°26'	41°55'	311°09'	281°53'	288°46'	244°28'	344°34'
15.02.2054	326°31'	48°29'	55°09'	310°33'	282°37'	289°31'	244°34'	344°41'
16.02.2054	327°31'	61°55'	68°46'	310°03'	283°23'	290°16'	244°40'	344°49'
17.02.2054	328°32'	75°44'	82°47'	309°42'	284°09'	291°00'	244°46'	344°56'
18.02.2054	329°33'	89°57'	97°12'	309°29'	284°56'	291°45'	244°52'	345°03'
19.02.2054	330°33'	104°32'	111°57'	309°23'	285°44'	292°30'	244°57'	345°10'
20.02.2054	331°34'	119°25'	126°56'	309°24'	286°32'	293°15'	245°03'	345°17'
21.02.2054	332°34'	134°29'	142°03'	309°32'	287°22'	294°00'	245°08'	345°25'
22.02.2054	333°34'	149°36'	157°08'	309°46'	288°12'	294°45'	245°13'	345°32'
23.02.2054	334°35'	164°36'	172°01'	310°06'	289°03'	295°29'	245°18'	345°39'
24.02.2054	335°35'	179°21'	186°36'	310°31'	289°55'	296°14'	245°23'	345°46'
25.02.2054	336°36'	193°45'	200°47'	311°01'	290°47'	296°59'	245°28'	345°54'
26.02.2054	337°36'	207°42'	214°31'	311°36'	291°40'	297°44'	245°33'	346°01'
27.02.2054	338°36'	221°13'	227°48'	312°16'	292°34'	298°30'	245°37'	346°08'
28.02.2054	339°37'	234°18'	240°41'	313°00'	293°29'	299°15'	245°41'	346°16'
01.03.2054	340°37'	246°59'	253°12'	313°47'	294°23'	300°00'	245°45'	346°23'
02.03.2054	341°37'	259°21'	265°25'	314°37'	295°19'	300°45'	245°49'	346°31'
03.03.2054	342°37'	271°27'	277°26'	315°31'	296°15'	301°30'	245°53'	346°38'
04.03.2054	343°37'	283°23'	289°18'	316°28'	297°12'	302°15'	245°56'	346°45'
05.03.2054	344°38'	295°13'	301°06'	317°28'	298°09'	303°01'	245°59'	346°53'
06.03.2054	345°38'	307°00'	312°54'	318°30'	299°06'	303°46'	246°03'	347°00'
07.03.2054	346°38'	318°49'	324°45'	319°35'	300°04'	304°31'	246°06'	347°07'
08.03.2054	347°38'	330°43'	336°42'	320°42'	301°03'	305°16'	246°08'	347°15'
09.03.2054	348°38'	342°43'	348°47'	321°51'	302°01'	306°02'	246°11'	347°22'
10.03.2054	349°38'	354°52'	1°01'	323°03'	303°01'	306°47'	246°13'	347°30'
11.03.2054	350°38'	7°12'	13°27'	324°16'	304°00'	307°32'	246°16'	347°37'
12.03.2054	351°38'	19°44'	26°05'	325°31'	305°00'	308°18'	246°18'	347°44'
13.03.2054	352°38'	32°29'	38°56'	326°48'	306°01'	309°03'	246°20'	347°52'
14.03.2054	353°38'	45°27'	52°01'	328°06'	307°02'	309°49'	246°21'	347°59'
15.03.2054	354°38'	58°40'	65°22'	329°26'	308°03'	310°34'	246°23'	348°06'
16.03.2054	355°37'	72°09'	78°59'	330°48'	309°04'	311°19'	246°24'	348°14'
17.03.2054	356°37'	85°53'	92°52'	332°11'	310°06'	312°05'	246°25'	348°21'
18.03.2054	357°37'	99°54'	107°01'	333°36'	311°08'	312°50'	246°26'	348°28'
19.03.2054	358°37'	114°11'	121°24'	335°02'	312°10'	313°36'	246°27'	348°36'
20.03.2054	359°36'	128°40'	135°59'	336°30'	313°13'	314°21'	246°27'	348°43'
21.03.2054	0°36'	143°19'	150°41'	337°59'	314°16'	315°07'	246°28'	348°50'
22.03.2054	1°35'	158°03'	165°25'	339°29'	315°19'	315°53'	246°28'	348°58'

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23.03.2054	2°35'	172°45'	180°03'	341°01'	316°23'	316°38'	246°28'	349°05'
24.03.2054	3°34'	187°18'	194°29'	342°34'	317°26'	317°24'	246°28'	349°12'
25.03.2054	4°34'	201°36'	208°38'	344°08'	318°30'	318°09'	246°27'	349°19'
26.03.2054	5°33'	215°34'	222°24'	345°44'	319°34'	318°55'	246°27'	349°27'
27.03.2054	6°33'	229°08'	235°46'	347°21'	320°39'	319°41'	246°26'	349°34'
28.03.2054	7°32'	242°18'	248°44'	349°00'	321°44'	320°26'	246°25'	349°41'
29.03.2054	8°31'	255°04'	261°20'	350°40'	322°48'	321°12'	246°24'	349°48'
30.03.2054	9°31'	267°30'	273°36'	352°21'	323°54'	321°58'	246°23'	349°55'
31.03.2054	10°30'	279°39'	285°39'	354°03'	324°59'	322°43'	246°21'	350°02'
01.04.2054	11°29'	291°36'	297°31'	355°47'	326°04'	323°29'	246°20'	350°09'
02.04.2054	12°29'	303°26'	309°20'	357°32'	327°10'	324°15'	246°18'	350°16'
03.04.2054	13°28'	315°14'	321°09'	359°19'	328°16'	325°00'	246°16'	350°23'
04.04.2054	14°27'	327°05'	333°03'	1°07'	329°22'	325°46'	246°14'	350°30'
05.04.2054	15°26'	339°03'	345°05'	2°57'	330°28'	326°32'	246°11'	350°37'
06.04.2054	16°25'	351°11'	357°20'	4°48'	331°35'	327°18'	246°09'	350°44'
07.04.2054	17°24'	3°33'	9°49'	6°40'	332°41'	328°03'	246°06'	350°51'
08.04.2054	18°23'	16°09'	22°34'	8°34'	333°48'	328°49'	246°03'	350°58'
09.04.2054	19°22'	29°01'	35°33'	10°29'	334°55'	329°35'	246°00'	351°05'
10.04.2054	20°21'	42°09'	48°47'	12°26'	336°02'	330°21'	245°56'	351°12'
11.04.2054	21°20'	55°30'	62°15'	14°24'	337°09'	331°07'	245°53'	351°18'
12.04.2054	22°19'	69°03'	75°54'	16°23'	338°16'	331°52'	245°49'	351°25'
13.04.2054	23°18'	82°47'	89°42'	18°24'	339°23'	332°38'	245°45'	351°32'
14.04.2054	24°17'	96°40'	103°39'	20°26'	340°31'	333°24'	245°41'	351°38'
15.04.2054	25°16'	110°40'	117°43'	22°29'	341°39'	334°10'	245°37'	351°45'
16.04.2054	26°14'	124°47'	131°53'	24°33'	342°46'	334°55'	245°33'	351°51'
17.04.2054	27°13'	139°00'	146°07'	26°39'	343°54'	335°41'	245°29'	351°58'
18.04.2054	28°12'	153°16'	160°24'	28°45'	345°02'	336°27'	245°24'	352°04'
19.04.2054	29°10'	167°33'	174°41'	30°52'	346°10'	337°13'	245°19'	352°11'
20.04.2054	30°09'	181°48'	188°54'	32°59'	347°19'	337°58'	245°14'	352°17'
21.04.2054	31°08'	195°57'	202°58'	35°06'	348°27'	338°44'	245°09'	352°24'
22.04.2054	32°06'	209°56'	216°50'	37°14'	349°35'	339°30'	245°04'	352°30'
23.04.2054	33°05'	223°40'	230°26'	39°21'	350°44'	340°16'	244°59'	352°36'
24.04.2054	34°03'	237°06'	243°41'	41°28'	351°52'	341°01'	244°53'	352°42'
25.04.2054	35°02'	250°12'	256°37'	43°34'	353°01'	341°47'	244°48'	352°48'
26.04.2054	36°00'	262°57'	269°12'	45°39'	354°10'	342°33'	244°42'	352°54'
27.04.2054	36°58'	275°23'	281°29'	47°42'	355°19'	343°18'	244°36'	353°00'
28.04.2054	37°57'	287°33'	293°33'	49°43'	356°28'	344°04'	244°30'	353°06'
29.04.2054	38°55'	299°30'	305°26'	51°43'	357°37'	344°50'	244°24'	353°12'
30.04.2054	39°54'	311°21'	317°15'	53°40'	358°46'	345°36'	244°18'	353°18'
01.05.2054	40°52'	323°10'	329°05'	55°34'	359°55'	346°21'	244°11'	353°24'
02.05.2054	41°50'	335°02'	341°01'	57°26'	1°05'	347°07'	244°05'	353°30'
03.05.2054	42°48'	347°03'	353°08'	59°14'	2°14'	347°53'	243°58'	353°35'
04.05.2054	43°47'	359°17'	5°30'	60°59'	3°24'	348°38'	243°51'	353°41'
05.05.2054	44°45'	11°48'	18°11'	62°41'	4°33'	349°24'	243°45'	353°47'
06.05.2054	45°43'	24°39'	31°12'	64°19'	5°43'	350°09'	243°38'	353°52'
07.05.2054	46°41'	37°50'	44°32'	65°53'	6°53'	350°55'	243°31'	353°58'
08.05.2054	47°39'	51°20'	58°11'	67°24'	8°02'	351°41'	243°24'	354°03'
09.05.2054	48°37'	65°06'	72°05'	68°51'	9°12'	352°26'	243°17'	354°08'
10.05.2054	49°35'	79°06'	86°09'	70°14'	10°22'	353°12'	243°10'	354°14'
11.05.2054	50°33'	93°13'	100°19'	71°33'	11°32'	353°57'	243°02'	354°19'
12.05.2054	51°31'	107°25'	114°31'	72°47'	12°42'	354°43'	242°55'	354°24'
13.05.2054	52°29'	121°37'	128°43'	73°58'	13°52'	355°28'	242°48'	354°29'
14.05.2054	53°27'	135°48'	142°52'	75°04'	15°02'	356°13'	242°40'	354°34'
15.05.2054	54°25'	149°55'	156°56'	76°07'	16°12'	356°59'	242°33'	354°39'
16.05.2054	55°23'	163°57'	170°56'	77°04'	17°22'	357°44'	242°25'	354°44'

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17.05.2054	56°21'	177°54'	184°51'	77°58'	18°33'	358°29'	242°18'	354°48'
18.05.2054	57°19'	191°45'	198°38'	78°47'	19°43'	359°15'	242°10'	354°53'
19.05.2054	58°16'	205°29'	212°17'	79°31'	20°53'	360°00'	242°03'	354°58'
20.05.2054	59°14'	219°03'	225°46'	80°11'	22°04'	0°45'	241°55'	355°02'
21.05.2054	60°12'	232°25'	239°01'	80°46'	23°14'	1°30'	241°47'	355°07'
22.05.2054	61°10'	245°33'	252°01'	81°17'	24°25'	2°16'	241°40'	355°11'
23.05.2054	62°07'	258°25'	264°45'	81°43'	25°35'	3°01'	241°32'	355°15'
24.05.2054	63°05'	271°01'	277°13'	82°04'	26°46'	3°46'	241°24'	355°20'
25.05.2054	64°03'	283°22'	289°27'	82°20'	27°57'	4°31'	241°17'	355°24'
26.05.2054	65°00'	295°28'	301°28'	82°32'	29°07'	5°16'	241°09'	355°28'
27.05.2054	65°58'	307°25'	313°20'	82°38'	30°18'	6°01'	241°02'	355°32'
28.05.2054	66°55'	319°14'	325°08'	82°40'	31°29'	6°46'	240°54'	355°36'
29.05.2054	67°53'	331°03'	336°58'	82°38'	32°40'	7°31'	240°46'	355°40'
30.05.2054	68°51'	342°55'	348°54'	82°31'	33°51'	8°16'	240°39'	355°43'
31.05.2054	69°48'	354°57'	1°03'	82°19'	35°02'	9°00'	240°31'	355°47'
01.06.2054	70°46'	7°13'	13°28'	82°04'	36°13'	9°45'	240°24'	355°51'
02.06.2054	71°43'	19°49'	26°15'	81°45'	37°24'	10°30'	240°17'	355°54'
03.06.2054	72°41'	32°47'	39°25'	81°23'	38°35'	11°15'	240°09'	355°57'
04.06.2054	73°38'	46°10'	53°00'	80°57'	39°46'	11°59'	240°02'	356°01'
05.06.2054	74°36'	59°56'	66°58'	80°29'	40°57'	12°44'	239°55'	356°04'
06.06.2054	75°33'	74°04'	81°14'	79°59'	42°08'	13°29'	239°48'	356°07'
07.06.2054	76°31'	88°28'	95°43'	79°27'	43°19'	14°13'	239°40'	356°10'
08.06.2054	77°28'	103°01'	110°19'	78°54'	44°31'	14°57'	239°33'	356°13'
09.06.2054	78°26'	117°37'	124°54'	78°20'	45°42'	15°42'	239°27'	356°16'
10.06.2054	79°23'	132°09'	139°22'	77°47'	46°53'	16°26'	239°20'	356°19'
11.06.2054	80°20'	146°33'	153°42'	77°14'	48°05'	17°10'	239°13'	356°21'
12.06.2054	81°18'	160°47'	167°49'	76°42'	49°16'	17°55'	239°06'	356°24'
13.06.2054	82°15'	174°48'	181°43'	76°12'	50°27'	18°39'	239°00'	356°27'
14.06.2054	83°12'	188°36'	195°25'	75°45'	51°39'	19°23'	238°53'	356°29'
15.06.2054	84°10'	202°12'	208°55'	75°20'	52°50'	20°07'	238°47'	356°31'
16.06.2054	85°07'	215°36'	222°13'	74°58'	54°02'	20°51'	238°41'	356°33'
17.06.2054	86°04'	228°47'	235°19'	74°40'	55°13'	21°35'	238°35'	356°36'
18.06.2054	87°02'	241°47'	248°12'	74°25'	56°25'	22°19'	238°29'	356°38'
19.06.2054	87°59'	254°34'	260°53'	74°15'	57°37'	23°02'	238°23'	356°40'
20.06.2054	88°56'	267°09'	273°22'	74°08'	58°48'	23°46'	238°17'	356°41'
21.06.2054	89°53'	279°31'	285°38'	74°07'	60°00'	24°30'	238°12'	356°43'
22.06.2054	90°51'	291°42'	297°43'	74°09'	61°12'	25°13'	238°06'	356°45'
23.06.2054	91°48'	303°42'	309°39'	74°17'	62°23'	25°57'	238°01'	356°46'
24.06.2054	92°45'	315°35'	321°29'	74°29'	63°35'	26°40'	237°56'	356°48'
25.06.2054	93°42'	327°23'	333°16'	74°46'	64°47'	27°24'	237°51'	356°49'
26.06.2054	94°39'	339°10'	345°05'	75°08'	65°59'	28°07'	237°46'	356°50'
27.06.2054	95°37'	351°02'	357°01'	75°34'	67°11'	28°50'	237°41'	356°52'
28.06.2054	96°34'	3°03'	9°09'	76°05'	68°23'	29°33'	237°36'	356°53'
29.06.2054	97°31'	15°19'	21°34'	76°41'	69°35'	30°16'	237°32'	356°54'
30.06.2054	98°28'	27°54'	34°21'	77°21'	70°47'	30°59'	237°28'	356°54'
01.07.2054	99°26'	40°53'	47°32'	78°05'	71°59'	31°42'	237°24'	356°55'
02.07.2054	100°23'	54°19'	61°12'	78°55'	73°11'	32°25'	237°20'	356°56'
03.07.2054	101°20'	68°11'	75°17'	79°48'	74°23'	33°08'	237°16'	356°56'
04.07.2054	102°17'	82°29'	89°46'	80°46'	75°35'	33°51'	237°12'	356°57'
05.07.2054	103°14'	97°08'	104°33'	81°48'	76°47'	34°33'	237°09'	356°57'
06.07.2054	104°12'	112°00'	119°29'	82°55'	78°00'	35°16'	237°05'	356°57'
07.07.2054	105°09'	126°57'	134°25'	84°05'	79°12'	35°58'	237°02'	356°58'
08.07.2054	106°06'	141°52'	149°15'	85°20'	80°24'	36°40'	236°59'	356°58'
09.07.2054	107°03'	156°35'	163°52'	86°39'	81°37'	37°23'	236°57'	356°58'
10.07.2054	108°01'	171°04'	178°11'	88°01'	82°49'	38°05'	236°54'	356°57'

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11.07.2054	108°58'	185°13'	192°11'	89°28'	84°01'	38°47'	236°51'	356°57'
12.07.2054	109°55'	199°04'	205°51'	90°59'	85°14'	39°29'	236°49'	356°57'
13.07.2054	110°52'	212°35'	219°13'	92°33'	86°26'	40°10'	236°47'	356°56'
14.07.2054	111°49'	225°48'	232°18'	94°11'	87°39'	40°52'	236°45'	356°56'
15.07.2054	112°47'	238°45'	245°08'	95°52'	88°51'	41°34'	236°44'	356°55'
16.07.2054	113°44'	251°27'	257°44'	97°37'	90°04'	42°15'	236°42'	356°54'
17.07.2054	114°41'	263°57'	270°07'	99°26'	91°16'	42°56'	236°41'	356°53'
18.07.2054	115°38'	276°15'	282°20'	101°17'	92°29'	43°38'	236°40'	356°52'
19.07.2054	116°36'	288°24'	294°25'	103°11'	93°42'	44°19'	236°39'	356°51'
20.07.2054	117°33'	300°24'	306°21'	105°08'	94°54'	45°00'	236°38'	356°50'
21.07.2054	118°30'	312°17'	318°12'	107°07'	96°07'	45°41'	236°37'	356°49'
22.07.2054	119°27'	324°06'	329°59'	109°08'	97°20'	46°22'	236°37'	356°48'
23.07.2054	120°25'	335°53'	341°47'	111°11'	98°33'	47°02'	236°36'	356°46'
24.07.2054	121°22'	347°41'	353°37'	113°16'	99°45'	47°43'	236°36'	356°45'
25.07.2054	122°19'	359°34'	5°34'	115°21'	100°58'	48°24'	236°36'	356°43'
26.07.2054	123°16'	11°36'	17°42'	117°28'	102°11'	49°04'	236°37'	356°41'
27.07.2054	124°14'	23°52'	30°06'	119°34'	103°24'	49°44'	236°37'	356°40'
28.07.2054	125°11'	36°25'	42°50'	121°41'	104°37'	50°24'	236°38'	356°38'
29.07.2054	126°08'	49°21'	55°58'	123°48'	105°50'	51°04'	236°39'	356°36'
30.07.2054	127°06'	62°42'	69°33'	125°55'	107°03'	51°44'	236°40'	356°34'
31.07.2054	128°03'	76°31'	83°36'	128°01'	108°16'	52°24'	236°41'	356°31'
01.08.2054	129°01'	90°47'	98°04'	130°06'	109°29'	53°04'	236°42'	356°29'
02.08.2054	129°58'	105°27'	112°54'	132°10'	110°43'	53°43'	236°44'	356°27'
03.08.2054	130°55'	120°25'	127°58'	134°13'	111°56'	54°22'	236°45'	356°24'
04.08.2054	131°53'	135°33'	143°08'	136°15'	113°09'	55°01'	236°47'	356°22'
05.08.2054	132°50'	150°42'	158°14'	138°16'	114°22'	55°41'	236°50'	356°19'
06.08.2054	133°48'	165°43'	173°08'	140°15'	115°36'	56°19'	236°52'	356°16'
07.08.2054	134°45'	180°28'	187°43'	142°13'	116°49'	56°58'	236°54'	356°14'
08.08.2054	135°43'	194°51'	201°54'	144°09'	118°02'	57°37'	236°57'	356°11'
09.08.2054	136°40'	208°51'	215°42'	146°04'	119°16'	58°15'	237°00'	356°08'
10.08.2054	137°38'	222°26'	229°05'	147°57'	120°29'	58°53'	237°03'	356°05'
11.08.2054	138°35'	235°38'	242°06'	149°49'	121°43'	59°31'	237°06'	356°02'
12.08.2054	139°33'	248°28'	254°47'	151°39'	122°56'	60°09'	237°09'	355°58'
13.08.2054	140°31'	261°01'	267°12'	153°28'	124°10'	60°47'	237°13'	355°55'
14.08.2054	141°28'	273°19'	279°24'	155°15'	125°23'	61°25'	237°16'	355°52'
15.08.2054	142°26'	285°26'	291°26'	157°01'	126°37'	62°02'	237°20'	355°48'
16.08.2054	143°23'	297°24'	303°21'	158°45'	127°50'	62°39'	237°24'	355°45'
17.08.2054	144°21'	309°16'	315°11'	160°28'	129°04'	63°16'	237°28'	355°41'
18.08.2054	145°19'	321°05'	326°59'	162°10'	130°18'	63°53'	237°32'	355°38'
19.08.2054	146°16'	332°53'	338°47'	163°49'	131°31'	64°30'	237°37'	355°34'
20.08.2054	147°14'	344°41'	350°37'	165°28'	132°45'	65°07'	237°42'	355°30'
21.08.2054	148°12'	356°34'	2°32'	167°05'	133°59'	65°43'	237°46'	355°27'
22.08.2054	149°09'	8°32'	14°35'	168°40'	135°13'	66°19'	237°51'	355°23'
23.08.2054	150°07'	20°40'	26°48'	170°15'	136°27'	66°55'	237°56'	355°19'
24.08.2054	151°05'	33°00'	39°15'	171°47'	137°41'	67°31'	238°02'	355°15'
25.08.2054	152°03'	45°35'	51°59'	173°19'	138°55'	68°07'	238°07'	355°11'
26.08.2054	153°01'	58°29'	65°03'	174°49'	140°08'	68°42'	238°13'	355°07'
27.08.2054	153°59'	71°44'	78°31'	176°17'	141°22'	69°17'	238°18'	355°03'
28.08.2054	154°57'	85°24'	92°23'	177°44'	142°37'	69°52'	238°24'	354°59'
29.08.2054	155°55'	99°29'	106°40'	179°10'	143°51'	70°27'	238°30'	354°54'
30.08.2054	156°52'	113°57'	121°20'	180°34'	145°05'	71°02'	238°37'	354°50'
31.08.2054	157°51'	128°46'	136°17'	181°57'	146°19'	71°36'	238°43'	354°46'
01.09.2054	158°49'	143°50'	151°25'	183°18'	147°33'	72°10'	238°49'	354°41'
02.09.2054	159°47'	159°00'	166°35'	184°38'	148°47'	72°44'	238°56'	354°37'
03.09.2054	160°45'	174°07'	181°37'	185°55'	150°01'	73°17'	239°03'	354°33'

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04.09.2054	161°43'	189°02'	196°22'	187°12'	151°16'	73°51'	239°10'	354°28'
05.09.2054	162°41'	203°37'	210°46'	188°26'	152°30'	74°24'	239°17'	354°24'
06.09.2054	163°39'	217°48'	224°43'	189°39'	153°44'	74°57'	239°24'	354°19'
07.09.2054	164°37'	231°31'	238°12'	190°50'	154°59'	75°29'	239°31'	354°15'
08.09.2054	165°36'	244°47'	251°16'	191°59'	156°13'	76°02'	239°39'	354°10'
09.09.2054	166°34'	257°39'	263°56'	193°06'	157°27'	76°34'	239°46'	354°06'
10.09.2054	167°32'	270°09'	276°17'	194°11'	158°42'	77°06'	239°54'	354°01'
11.09.2054	168°30'	282°22'	288°24'	195°13'	159°56'	77°37'	240°02'	353°56'
12.09.2054	169°29'	294°23'	300°20'	196°13'	161°11'	78°08'	240°10'	353°52'
13.09.2054	170°27'	306°15'	312°09'	197°11'	162°25'	78°39'	240°18'	353°47'
14.09.2054	171°25'	318°03'	323°57'	198°05'	163°39'	79°10'	240°26'	353°43'
15.09.2054	172°24'	329°51'	335°45'	198°57'	164°54'	79°40'	240°34'	353°38'
16.09.2054	173°22'	341°40'	347°36'	199°45'	166°09'	80°11'	240°43'	353°33'
17.09.2054	174°21'	353°34'	359°34'	200°31'	167°23'	80°40'	240°51'	353°29'
18.09.2054	175°19'	5°35'	11°39'	201°12'	168°38'	81°10'	241°00'	353°24'
19.09.2054	176°18'	17°45'	23°53'	201°49'	169°52'	81°39'	241°09'	353°19'
20.09.2054	177°16'	30°04'	36°18'	202°23'	171°07'	82°08'	241°18'	353°15'
21.09.2054	178°15'	42°35'	48°55'	202°51'	172°22'	82°36'	241°27'	353°10'
22.09.2054	179°14'	55°19'	61°46'	203°15'	173°36'	83°05'	241°36'	353°06'
23.09.2054	180°12'	68°17'	74°53'	203°33'	174°51'	83°32'	241°45'	353°01'
24.09.2054	181°11'	81°33'	88°17'	203°46'	176°06'	84°00'	241°55'	352°56'
25.09.2054	182°10'	95°06'	102°00'	203°53'	177°20'	84°27'	242°04'	352°52'
26.09.2054	183°08'	108°59'	116°03'	203°53'	178°35'	84°54'	242°14'	352°47'
27.09.2054	184°07'	123°12'	130°25'	203°46'	179°50'	85°20'	242°24'	352°43'
28.09.2054	185°06'	137°42'	145°04'	203°32'	181°05'	85°46'	242°33'	352°38'
29.09.2054	186°05'	152°28'	159°55'	203°11'	182°20'	86°12'	242°43'	352°34'
30.09.2054	187°04'	167°24'	174°53'	202°43'	183°34'	86°37'	242°53'	352°29'
01.10.2054	188°03'	182°21'	189°48'	202°06'	184°49'	87°02'	243°03'	352°25'
02.10.2054	189°02'	197°12'	204°32'	201°23'	186°04'	87°26'	243°14'	352°21'
03.10.2054	190°01'	211°48'	218°58'	200°32'	187°19'	87°50'	243°24'	352°16'
04.10.2054	191°00'	226°02'	233°00'	199°36'	188°34'	88°13'	243°34'	352°12'
05.10.2054	191°59'	239°51'	246°35'	198°33'	189°49'	88°36'	243°45'	352°08'
06.10.2054	192°58'	253°13'	259°44'	197°27'	191°04'	88°59'	243°56'	352°04'
07.10.2054	193°57'	266°08'	272°27'	196°17'	192°19'	89°21'	244°06'	352°00'
08.10.2054	194°57'	278°40'	284°49'	195°07'	193°34'	89°42'	244°17'	351°56'
09.10.2054	195°56'	290°53'	296°54'	193°58'	194°49'	90°04'	244°28'	351°52'
10.10.2054	196°55'	302°53'	308°49'	192°51'	196°04'	90°24'	244°39'	351°48'
11.10.2054	197°54'	314°43'	320°37'	191°49'	197°19'	90°44'	244°50'	351°44'
12.10.2054	198°54'	326°30'	332°24'	190°54'	198°34'	91°04'	245°01'	351°40'
13.10.2054	199°53'	338°19'	344°14'	190°06'	199°49'	91°23'	245°12'	351°36'
14.10.2054	200°52'	350°12'	356°12'	189°28'	201°04'	91°41'	245°23'	351°32'
15.10.2054	201°52'	2°14'	8°18'	189°00'	202°19'	91°59'	245°35'	351°29'
16.10.2054	202°51'	14°26'	20°36'	188°43'	203°34'	92°17'	245°46'	351°25'
17.10.2054	203°51'	26°50'	33°07'	188°37'	204°49'	92°34'	245°58'	351°21'
18.10.2054	204°50'	39°27'	45°50'	188°42'	206°04'	92°50'	246°09'	351°18'
19.10.2054	205°50'	52°16'	58°46'	188°57'	207°19'	93°06'	246°21'	351°15'
20.10.2054	206°49'	65°18'	71°53'	189°23'	208°34'	93°21'	246°33'	351°11'
21.10.2054	207°49'	78°31'	85°12'	189°59'	209°49'	93°35'	246°44'	351°08'
22.10.2054	208°48'	91°56'	98°43'	190°43'	211°04'	93°49'	246°56'	351°05'
23.10.2054	209°48'	105°33'	112°26'	191°35'	212°19'	94°02'	247°08'	351°02'
24.10.2054	210°48'	119°22'	126°21'	192°35'	213°34'	94°15'	247°20'	350°59'
25.10.2054	211°48'	133°23'	140°27'	193°41'	214°49'	94°27'	247°32'	350°56'
26.10.2054	212°47'	147°35'	154°46'	194°52'	216°05'	94°38'	247°44'	350°53'
27.10.2054	213°47'	161°59'	169°14'	196°08'	217°20'	94°48'	247°57'	350°50'
28.10.2054	214°47'	176°30'	183°48'	197°28'	218°35'	94°58'	248°09'	350°47'

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29.10.2054	215°47'	191°05'	198°22'	198°52'	219°50'	95°07'	248°21'	350°45'
30.10.2054	216°47'	205°37'	212°49'	200°19'	221°05'	95°15'	248°33'	350°42'
31.10.2054	217°47'	219°59'	227°04'	201°48'	222°20'	95°23'	248°46'	350°40'
01.11.2054	218°47'	234°04'	241°00'	203°19'	223°36'	95°29'	248°58'	350°38'
02.11.2054	219°47'	247°49'	254°33'	204°52'	224°51'	95°35'	249°11'	350°35'
03.11.2054	220°47'	261°10'	267°41'	206°26'	226°06'	95°40'	249°24'	350°33'
04.11.2054	221°47'	274°06'	280°26'	208°01'	227°21'	95°45'	249°36'	350°31'
05.11.2054	222°47'	286°40'	292°49'	209°37'	228°36'	95°48'	249°49'	350°29'
06.11.2054	223°47'	298°54'	304°56'	211°14'	229°51'	95°51'	250°02'	350°27'
07.11.2054	224°48'	310°54'	316°50'	212°50'	231°07'	95°53'	250°14'	350°26'
08.11.2054	225°48'	322°45'	328°39'	214°28'	232°22'	95°54'	250°27'	350°24'
09.11.2054	226°48'	334°33'	340°27'	216°05'	233°37'	95°54'	250°40'	350°23'
10.11.2054	227°48'	346°22'	352°19'	217°43'	234°52'	95°54'	250°53'	350°21'
11.11.2054	228°49'	358°19'	4°21'	219°20'	236°07'	95°52'	251°06'	350°20'
12.11.2054	229°49'	10°27'	16°36'	220°57'	237°23'	95°50'	251°19'	350°18'
13.11.2054	230°49'	22°49'	29°06'	222°35'	238°38'	95°47'	251°32'	350°17'
14.11.2054	231°49'	35°27'	41°53'	224°12'	239°53'	95°43'	251°45'	350°16'
15.11.2054	232°50'	48°23'	54°57'	225°49'	241°08'	95°38'	251°58'	350°15'
16.11.2054	233°50'	61°34'	68°16'	227°26'	242°24'	95°32'	252°11'	350°15'
17.11.2054	234°51'	75°00'	81°47'	229°02'	243°39'	95°25'	252°24'	350°14'
18.11.2054	235°51'	88°37'	95°29'	230°38'	244°54'	95°18'	252°37'	350°13'
19.11.2054	236°52'	102°23'	109°19'	232°15'	246°09'	95°09'	252°51'	350°13'
20.11.2054	237°52'	116°16'	123°14'	233°51'	247°24'	95°00'	253°04'	350°12'
21.11.2054	238°53'	130°13'	137°13'	235°26'	248°40'	94°50'	253°17'	350°12'
22.11.2054	239°53'	144°14'	151°16'	237°02'	249°55'	94°39'	253°31'	350°12'
23.11.2054	240°54'	158°19'	165°22'	238°37'	251°10'	94°27'	253°44'	350°12'
24.11.2054	241°55'	172°26'	179°31'	240°12'	252°25'	94°14'	253°57'	350°12'
25.11.2054	242°55'	186°35'	193°40'	241°47'	253°40'	94°01'	254°11'	350°12'
26.11.2054	243°56'	200°44'	207°47'	243°22'	254°56'	93°47'	254°24'	350°12'
27.11.2054	244°57'	214°48'	221°48'	244°56'	256°11'	93°31'	254°37'	350°12'
28.11.2054	245°57'	228°45'	235°39'	246°31'	257°26'	93°16'	254°51'	350°13'
29.11.2054	246°58'	242°29'	249°16'	248°05'	258°41'	92°59'	255°04'	350°13'
30.11.2054	247°59'	255°58'	262°35'	249°39'	259°57'	92°41'	255°18'	350°14'
01.12.2054	249°00'	269°07'	275°34'	251°13'	261°12'	92°23'	255°31'	350°15'
02.12.2054	250°01'	281°57'	288°14'	252°48'	262°27'	92°05'	255°45'	350°16'
03.12.2054	251°01'	294°27'	300°36'	254°22'	263°42'	91°45'	255°58'	350°17'
04.12.2054	252°02'	306°41'	312°42'	255°56'	264°58'	91°25'	256°12'	350°18'
05.12.2054	253°03'	318°41'	324°37'	257°29'	266°13'	91°05'	256°25'	350°19'
06.12.2054	254°04'	330°32'	336°26'	259°03'	267°28'	90°44'	256°39'	350°20'
07.12.2054	255°05'	342°20'	348°14'	260°37'	268°43'	90°23'	256°52'	350°22'
08.12.2054	256°06'	354°09'	0°07'	262°11'	269°59'	90°01'	257°06'	350°23'
09.12.2054	257°07'	6°07'	12°10'	263°45'	271°14'	89°39'	257°20'	350°25'
10.12.2054	258°08'	18°16'	24°27'	265°19'	272°29'	89°16'	257°33'	350°27'
11.12.2054	259°09'	30°43'	37°04'	266°53'	273°44'	88°53'	257°47'	350°28'
12.12.2054	260°10'	43°29'	50°01'	268°27'	274°59'	88°30'	258°00'	350°30'
13.12.2054	261°11'	56°38'	63°20'	270°01'	276°15'	88°07'	258°14'	350°32'
14.12.2054	262°12'	70°07'	76°59'	271°35'	277°30'	87°43'	258°27'	350°35'
15.12.2054	263°13'	83°55'	90°55'	273°09'	278°45'	87°20'	258°41'	350°37'
16.12.2054	264°14'	97°58'	105°04'	274°43'	280°00'	86°56'	258°54'	350°39'
17.12.2054	265°15'	112°12'	119°21'	276°17'	281°15'	86°33'	259°08'	350°42'
18.12.2054	266°16'	126°30'	133°40'	277°51'	282°30'	86°10'	259°21'	350°44'
19.12.2054	267°17'	140°50'	147°59'	279°25'	283°46'	85°46'	259°35'	350°47'
20.12.2054	268°18'	155°07'	162°13'	280°58'	285°01'	85°23'	259°49'	350°50'
21.12.2054	269°19'	169°18'	176°21'	282°32'	286°16'	85°00'	260°02'	350°52'
22.12.2054	270°20'	183°23'	190°23'	284°05'	287°31'	84°37'	260°15'	350°55'

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23.12.2054	271°21'	197°20'	204°16'	285°38'	288°46'	84°15'	260°29'	350°58'
24.12.2054	272°22'	211°10'	218°01'	287°10'	290°01'	83°53'	260°42'	351°02'
25.12.2054	273°23'	224°50'	231°36'	288°42'	291°16'	83°31'	260°56'	351°05'
26.12.2054	274°24'	238°19'	245°00'	290°14'	292°31'	83°10'	261°09'	351°08'
27.12.2054	275°26'	251°37'	258°11'	291°44'	293°47'	82°49'	261°23'	351°11'
28.12.2054	276°27'	264°41'	271°08'	293°13'	295°02'	82°28'	261°36'	351°15'
29.12.2054	277°28'	277°32'	283°51'	294°41'	296°17'	82°09'	261°49'	351°19'
30.12.2054	278°29'	290°07'	296°19'	296°08'	297°32'	81°50'	262°03'	351°22'
31.12.2054	279°30'	302°28'	308°34'	297°32'	298°47'	81°31'	262°16'	351°26'
01.01.2055	280°31'	314°36'	320°36'	298°55'	300°02'	81°13'	262°29'	351°30'
02.01.2055	281°33'	326°34'	332°29'	300°14'	301°17'	80°56'	262°42'	351°34'
03.01.2055	282°34'	338°24'	344°18'	301°31'	302°32'	80°39'	262°56'	351°38'
04.01.2055	283°35'	350°11'	356°05'	302°44'	303°47'	80°23'	263°09'	351°42'
05.01.2055	284°36'	2°00'	7°57'	303°52'	305°02'	80°08'	263°22'	351°46'
06.01.2055	285°37'	13°56'	19°58'	304°55'	306°17'	79°54'	263°35'	351°51'
07.01.2055	286°38'	26°04'	32°14'	305°53'	307°32'	79°40'	263°48'	351°55'
08.01.2055	287°40'	38°29'	44°49'	306°44'	308°47'	79°28'	264°01'	352°00'
09.01.2055	288°41'	51°15'	57°46'	307°27'	310°02'	79°16'	264°14'	352°04'
10.01.2055	289°42'	64°24'	71°09'	308°02'	311°17'	79°05'	264°27'	352°09'
11.01.2055	290°43'	78°00'	84°57'	308°28'	312°32'	78°54'	264°40'	352°13'
12.01.2055	291°44'	91°59'	99°08'	308°43'	313°47'	78°45'	264°53'	352°18'
13.01.2055	292°45'	106°20'	113°37'	308°48'	315°02'	78°36'	265°06'	352°23'
14.01.2055	293°46'	120°57'	128°20'	308°41'	316°16'	78°28'	265°18'	352°28'
15.01.2055	294°47'	135°43'	143°07'	308°22'	317°31'	78°21'	265°31'	352°33'
16.01.2055	295°48'	150°31'	157°53'	307°52'	318°46'	78°15'	265°44'	352°38'
17.01.2055	296°50'	165°13'	172°31'	307°10'	320°01'	78°09'	265°56'	352°43'
18.01.2055	297°51'	179°45'	186°56'	306°18'	321°16'	78°05'	266°09'	352°49'
19.01.2055	298°52'	194°02'	201°05'	305°16'	322°30'	78°01'	266°22'	352°54'
20.01.2055	299°53'	208°03'	214°57'	304°08'	323°45'	77°58'	266°34'	352°59'
21.01.2055	300°54'	221°47'	228°32'	302°54'	325°00'	77°55'	266°46'	353°05'
22.01.2055	301°55'	235°13'	241°50'	301°37'	326°14'	77°54'	266°59'	353°10'
23.01.2055	302°56'	248°24'	254°53'	300°19'	327°29'	77°53'	267°11'	353°16'
24.01.2055	303°57'	261°19'	267°42'	299°04'	328°44'	77°53'	267°23'	353°22'
25.01.2055	304°58'	274°01'	280°17'	297°52'	329°58'	77°54'	267°35'	353°27'
26.01.2055	305°59'	286°30'	292°41'	296°46'	331°13'	77°56'	267°48'	353°33'
27.01.2055	307°00'	298°48'	304°54'	295°46'	332°27'	77°58'	268°00'	353°39'
28.01.2055	308°01'	310°56'	316°57'	294°55'	333°42'	78°01'	268°12'	353°45'
29.01.2055	309°02'	322°56'	328°53'	294°12'	334°56'	78°05'	268°23'	353°51'
30.01.2055	310°03'	334°49'	340°44'	293°38'	336°11'	78°09'	268°35'	353°57'
31.01.2055	311°04'	346°38'	352°32'	293°13'	337°25'	78°15'	268°47'	354°03'
01.02.2055	312°05'	358°25'	4°20'	292°57'	338°40'	78°20'	268°59'	354°09'
02.02.2055	313°06'	10°15'	16°12'	292°49'	339°54'	78°27'	269°10'	354°15'
03.02.2055	314°07'	22°11'	28°12'	292°48'	341°08'	78°34'	269°22'	354°21'
04.02.2055	315°08'	34°16'	40°25'	292°56'	342°23'	78°42'	269°33'	354°28'
05.02.2055	316°09'	46°37'	52°55'	293°10'	343°37'	78°51'	269°45'	354°34'
06.02.2055	317°09'	59°17'	65°46'	293°30'	344°51'	79°00'	269°56'	354°41'
07.02.2055	318°10'	72°21'	79°02'	293°57'	346°05'	79°10'	270°07'	354°47'
08.02.2055	319°11'	85°50'	92°45'	294°29'	347°19'	79°20'	270°18'	354°53'
09.02.2055	320°12'	99°46'	106°55'	295°05'	348°33'	79°31'	270°29'	355°00'
10.02.2055	321°13'	114°09'	121°29'	295°47'	349°48'	79°42'	270°40'	355°07'
11.02.2055	322°13'	128°54'	136°24'	296°32'	351°01'	79°54'	270°51'	355°13'
12.02.2055	323°14'	143°56'	151°30'	297°21'	352°15'	80°07'	271°02'	355°20'
13.02.2055	324°15'	159°04'	166°39'	298°14'	353°29'	80°20'	271°13'	355°27'
14.02.2055	325°15'	174°11'	181°41'	299°10'	354°43'	80°34'	271°23'	355°33'
15.02.2055	326°16'	189°07'	196°29'	300°09'	355°57'	80°48'	271°34'	355°40'

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16.02.2055	327°16'	203°46'	210°57'	301°10'	357°11'	81°02'	271°44'	355°47'
17.02.2055	328°17'	218°01'	225°00'	302°14'	358°24'	81°18'	271°54'	355°54'
18.02.2055	329°18'	231°52'	238°38'	303°21'	359°38'	81°33'	272°04'	356°01'
19.02.2055	330°18'	245°18'	251°53'	304°29'	0°52'	81°49'	272°14'	356°08'
20.02.2055	331°19'	258°22'	264°46'	305°40'	2°05'	82°06'	272°24'	356°15'
21.02.2055	332°19'	271°06'	277°21'	306°52'	3°19'	82°23'	272°34'	356°22'
22.02.2055	333°20'	283°33'	289°41'	308°06'	4°32'	82°40'	272°44'	356°29'
23.02.2055	334°20'	295°47'	301°50'	309°22'	5°45'	82°58'	272°54'	356°36'
24.02.2055	335°21'	307°51'	313°50'	310°39'	6°59'	83°16'	273°03'	356°43'
25.02.2055	336°21'	319°47'	325°44'	311°58'	8°12'	83°35'	273°13'	356°50'
26.02.2055	337°21'	331°39'	337°34'	313°19'	9°25'	83°54'	273°22'	356°57'
27.02.2055	338°22'	343°28'	349°22'	314°40'	10°38'	84°13'	273°31'	357°04'
28.02.2055	339°22'	355°16'	1°11'	316°04'	11°52'	84°33'	273°40'	357°12'
01.03.2055	340°22'	7°06'	13°02'	317°28'	13°05'	84°53'	273°49'	357°19'
02.03.2055	341°23'	18°59'	24°58'	318°54'	14°18'	85°13'	273°58'	357°26'
03.03.2055	342°23'	30°59'	37°01'	320°20'	15°30'	85°34'	274°07'	357°33'
04.03.2055	343°23'	43°07'	49°15'	321°48'	16°43'	85°55'	274°15'	357°41'
05.03.2055	344°23'	55°28'	61°44'	323°18'	17°56'	86°17'	274°24'	357°48'
06.03.2055	345°23'	68°04'	74°29'	324°48'	19°09'	86°39'	274°32'	357°55'
07.03.2055	346°23'	81°00'	87°37'	326°20'	20°21'	87°01'	274°40'	358°03'
08.03.2055	347°23'	94°20'	101°09'	327°52'	21°34'	87°23'	274°48'	358°10'
09.03.2055	348°23'	108°04'	115°07'	329°26'	22°46'	87°46'	274°56'	358°18'
10.03.2055	349°23'	122°16'	129°31'	331°01'	23°59'	88°09'	275°04'	358°25'
11.03.2055	350°23'	136°53'	144°20'	332°37'	25°11'	88°33'	275°12'	358°32'
12.03.2055	351°23'	151°51'	159°26'	334°14'	26°23'	88°56'	275°19'	358°40'
13.03.2055	352°23'	167°03'	174°42'	335°53'	27°36'	89°20'	275°27'	358°47'
14.03.2055	353°23'	182°20'	189°57'	337°32'	28°48'	89°44'	275°34'	358°55'
15.03.2055	354°23'	197°31'	205°01'	339°13'	30°00'	90°09'	275°41'	359°02'
16.03.2055	355°23'	212°26'	219°46'	340°55'	31°11'	90°33'	275°48'	359°09'
17.03.2055	356°22'	226°58'	234°04'	342°38'	32°23'	90°58'	275°55'	359°17'
18.03.2055	357°22'	241°02'	247°53'	344°23'	33°35'	91°24'	276°02'	359°24'
19.03.2055	358°22'	254°36'	261°13'	346°08'	34°47'	91°49'	276°08'	359°32'
20.03.2055	359°21'	267°43'	274°07'	347°55'	35°58'	92°15'	276°14'	359°39'
21.03.2055	0°21'	280°25'	286°39'	349°43'	37°10'	92°40'	276°21'	359°47'
22.03.2055	1°21'	292°48'	298°53'	351°32'	38°21'	93°07'	276°27'	359°54'
23.03.2055	2°20'	304°55'	310°54'	353°23'	39°32'	93°33'	276°33'	0°02'
24.03.2055	3°20'	316°51'	322°47'	355°14'	40°44'	93°59'	276°38'	0°09'
25.03.2055	4°19'	328°41'	334°35'	357°07'	41°55'	94°26'	276°44'	0°17'
26.03.2055	5°19'	340°29'	346°22'	359°02'	43°06'	94°53'	276°49'	0°24'
27.03.2055	6°18'	352°16'	358°11'	0°57'	44°17'	95°20'	276°55'	0°32'
28.03.2055	7°18'	4°07'	10°03'	2°54'	45°27'	95°47'	277°00'	0°39'
29.03.2055	8°17'	16°01'	22°01'	4°52'	46°38'	96°15'	277°05'	0°46'
30.03.2055	9°17'	28°02'	34°05'	6°51'	47°49'	96°43'	277°09'	0°54'
31.03.2055	10°16'	40°11'	46°18'	8°51'	48°59'	97°10'	277°14'	1°01'
01.04.2055	11°15'	52°28'	58°40'	10°53'	50°09'	97°38'	277°18'	1°09'
02.04.2055	12°14'	64°56'	71°14'	12°55'	51°20'	98°07'	277°23'	1°16'
03.04.2055	13°14'	77°37'	84°02'	14°58'	52°30'	98°35'	277°27'	1°23'
04.04.2055	14°13'	90°33'	97°07'	17°01'	53°40'	99°04'	277°31'	1°31'
05.04.2055	15°12'	103°47'	110°32'	19°05'	54°50'	99°32'	277°34'	1°38'
06.04.2055	16°11'	117°22'	124°18'	21°10'	56°00'	100°01'	277°38'	1°45'
07.04.2055	17°10'	131°19'	138°27'	23°14'	57°09'	100°30'	277°41'	1°53'
08.04.2055	18°09'	145°40'	152°59'	25°18'	58°19'	100°59'	277°45'	2°00'
09.04.2055	19°08'	160°22'	167°50'	27°22'	59°28'	101°29'	277°48'	2°07'
10.04.2055	20°07'	175°21'	182°55'	29°25'	60°37'	101°58'	277°51'	2°14'
11.04.2055	21°06'	190°29'	198°04'	31°26'	61°46'	102°28'	277°53'	2°22'

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12.04.2055	22°05'	205°37'	213°08'	33°27'	62°55'	102°58'	277°56'	2°29'
13.04.2055	23°04'	220°34'	227°56'	35°25'	64°04'	103°27'	277°58'	2°36'
14.04.2055	24°02'	235°12'	242°21'	37°21'	65°13'	103°57'	278°00'	2°43'
15.04.2055	25°01'	249°23'	256°18'	39°15'	66°21'	104°28'	278°02'	2°50'
16.04.2055	26°00'	263°05'	269°45'	41°05'	67°30'	104°58'	278°04'	2°57'
17.04.2055	26°59'	276°18'	282°44'	42°53'	68°38'	105°28'	278°05'	3°04'
18.04.2055	27°57'	289°04'	295°19'	44°37'	69°46'	105°59'	278°07'	3°11'
19.04.2055	28°56'	301°29'	307°34'	46°17'	70°54'	106°29'	278°08'	3°18'
20.04.2055	29°55'	313°36'	319°35'	47°53'	72°02'	107°00'	278°09'	3°25'
21.04.2055	30°53'	325°31'	331°26'	49°25'	73°09'	107°31'	278°10'	3°32'
22.04.2055	31°52'	337°20'	343°13'	50°53'	74°17'	108°02'	278°11'	3°39'
23.04.2055	32°50'	349°07'	355°01'	52°16'	75°24'	108°33'	278°11'	3°46'
24.04.2055	33°49'	0°56'	6°53'	53°34'	76°31'	109°04'	278°11'	3°53'
25.04.2055	34°47'	12°51'	18°51'	54°48'	77°38'	109°35'	278°11'	4°00'
26.04.2055	35°46'	24°53'	30°57'	55°56'	78°44'	110°07'	278°11'	4°06'
27.04.2055	36°44'	37°04'	43°14'	57°00'	79°51'	110°38'	278°11'	4°13'
28.04.2055	37°43'	49°26'	55°41'	57°58'	80°57'	111°10'	278°10'	4°20'
29.04.2055	38°41'	61°58'	68°18'	58°52'	82°03'	111°42'	278°10'	4°26'
30.04.2055	39°40'	74°41'	81°06'	59°40'	83°09'	112°13'	278°09'	4°33'
01.05.2055	40°38'	87°35'	94°06'	60°23'	84°15'	112°45'	278°08'	4°40'
02.05.2055	41°36'	100°41'	107°19'	61°00'	85°20'	113°17'	278°07'	4°46'
03.05.2055	42°34'	114°00'	120°46'	61°32'	86°26'	113°49'	278°05'	4°53'
04.05.2055	43°33'	127°35'	134°28'	61°59'	87°31'	114°22'	278°04'	4°59'
05.05.2055	44°31'	141°25'	148°27'	62°20'	88°35'	114°54'	278°02'	5°05'
06.05.2055	45°29'	155°33'	162°43'	62°36'	89°40'	115°26'	278°00'	5°12'
07.05.2055	46°27'	169°58'	177°15'	62°46'	90°44'	115°59'	277°58'	5°18'
08.05.2055	47°25'	184°36'	191°58'	62°51'	91°48'	116°31'	277°55'	5°24'
09.05.2055	48°23'	199°22'	206°47'	62°51'	92°52'	117°04'	277°53'	5°30'
10.05.2055	49°21'	214°11'	221°33'	62°46'	93°55'	117°36'	277°50'	5°36'
11.05.2055	50°19'	228°53'	236°09'	62°36'	94°59'	118°09'	277°47'	5°42'
12.05.2055	51°17'	243°20'	250°26'	62°22'	96°02'	118°42'	277°44'	5°48'
13.05.2055	52°15'	257°26'	264°20'	62°03'	97°04'	119°15'	277°41'	5°54'
14.05.2055	53°13'	271°07'	277°47'	61°41'	98°07'	119°48'	277°38'	6°00'
15.05.2055	54°11'	284°21'	290°49'	61°15'	99°09'	120°21'	277°34'	6°06'
16.05.2055	55°09'	297°10'	303°26'	60°46'	100°10'	120°54'	277°30'	6°12'
17.05.2055	56°07'	309°37'	315°44'	60°15'	101°12'	121°27'	277°26'	6°18'
18.05.2055	57°04'	321°47'	327°47'	59°42'	102°13'	122°01'	277°22'	6°23'
19.05.2055	58°02'	333°44'	339°40'	59°08'	103°13'	122°34'	277°18'	6°29'
20.05.2055	59°00'	345°35'	351°29'	58°33'	104°14'	123°07'	277°14'	6°34'
21.05.2055	59°58'	357°24'	3°19'	57°58'	105°14'	123°41'	277°09'	6°40'
22.05.2055	60°55'	9°16'	15°15'	57°24'	106°13'	124°15'	277°04'	6°45'
23.05.2055	61°53'	21°16'	27°19'	56°51'	107°12'	124°48'	276°59'	6°51'
24.05.2055	62°51'	33°26'	39°35'	56°19'	108°11'	125°22'	276°54'	6°56'
25.05.2055	63°49'	45°48'	52°04'	55°50'	109°10'	125°56'	276°49'	7°01'
26.05.2055	64°46'	58°24'	64°47'	55°24'	110°07'	126°30'	276°44'	7°06'
27.05.2055	65°44'	71°13'	77°43'	55°00'	111°05'	127°03'	276°38'	7°11'
28.05.2055	66°42'	84°15'	90°51'	54°40'	112°02'	127°37'	276°33'	7°16'
29.05.2055	67°39'	97°30'	104°11'	54°24'	112°59'	128°11'	276°27'	7°21'
30.05.2055	68°37'	110°55'	117°42'	54°12'	113°55'	128°46'	276°21'	7°26'
31.05.2055	69°34'	124°31'	131°23'	54°04'	114°50'	129°20'	276°15'	7°31'
01.06.2055	70°32'	138°17'	145°13'	54°00'	115°45'	129°54'	276°09'	7°35'
02.06.2055	71°29'	152°12'	159°13'	54°01'	116°40'	130°28'	276°03'	7°40'
03.06.2055	72°27'	166°17'	173°22'	54°06'	117°34'	131°03'	275°56'	7°45'
04.06.2055	73°24'	180°30'	187°39'	54°16'	118°27'	131°37'	275°50'	7°49'
05.06.2055	74°22'	194°49'	202°01'	54°30'	119°20'	132°11'	275°43'	7°53'

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06.06.2055	75°19'	209°13'	216°25'	54°49'	120°12'	132°46'	275°37'	7°58'
07.06.2055	76°17'	223°35'	230°45'	55°12'	121°04'	133°20'	275°30'	8°02'
08.06.2055	77°14'	237°52'	244°56'	55°39'	121°55'	133°55'	275°23'	8°06'
09.06.2055	78°11'	251°56'	258°53'	56°11'	122°45'	134°30'	275°16'	8°10'
10.06.2055	79°09'	265°44'	272°31'	56°47'	123°34'	135°04'	275°09'	8°14'
11.06.2055	80°06'	279°13'	285°49'	57°27'	124°23'	135°39'	275°02'	8°18'
12.06.2055	81°04'	292°19'	298°44'	58°11'	125°11'	136°14'	274°55'	8°22'
13.06.2055	82°01'	305°04'	311°20'	58°58'	125°58'	136°49'	274°48'	8°26'
14.06.2055	82°58'	317°31'	323°38'	59°50'	126°44'	137°24'	274°40'	8°29'
15.06.2055	83°56'	329°41'	335°42'	60°46'	127°29'	137°59'	274°33'	8°33'
16.06.2055	84°53'	341°40'	347°37'	61°45'	128°14'	138°34'	274°26'	8°36'
17.06.2055	85°50'	353°33'	359°28'	62°47'	128°57'	139°09'	274°18'	8°40'
18.06.2055	86°47'	5°24'	11°20'	63°54'	129°40'	139°44'	274°11'	8°43'
19.06.2055	87°45'	17°18'	23°18'	65°04'	130°21'	140°19'	274°03'	8°46'
20.06.2055	88°42'	29°21'	35°27'	66°17'	131°02'	140°55'	273°55'	8°50'
21.06.2055	89°39'	41°36'	47°49'	67°34'	131°41'	141°30'	273°48'	8°53'
22.06.2055	90°37'	54°06'	60°27'	68°54'	132°20'	142°05'	273°40'	8°56'
23.06.2055	91°34'	66°53'	73°23'	70°17'	132°57'	142°41'	273°33'	8°58'
24.06.2055	92°31'	79°58'	86°37'	71°44'	133°33'	143°16'	273°25'	9°01'
25.06.2055	93°28'	93°20'	100°07'	73°14'	134°08'	143°52'	273°17'	9°04'
26.06.2055	94°26'	106°57'	113°51'	74°47'	134°41'	144°27'	273°09'	9°06'
27.06.2055	95°23'	120°47'	127°46'	76°23'	135°13'	145°03'	273°02'	9°09'
28.06.2055	96°20'	134°47'	141°50'	78°03'	135°44'	145°38'	272°54'	9°11'
29.06.2055	97°17'	148°54'	155°59'	79°46'	136°13'	146°14'	272°46'	9°14'
30.06.2055	98°15'	163°05'	170°12'	81°31'	136°41'	146°50'	272°39'	9°16'
01.07.2055	99°12'	177°18'	184°25'	83°20'	137°07'	147°26'	272°31'	9°18'
02.07.2055	100°09'	191°31'	198°36'	85°11'	137°31'	148°02'	272°24'	9°20'
03.07.2055	101°06'	205°41'	212°45'	87°06'	137°54'	148°37'	272°16'	9°22'
04.07.2055	102°03'	219°47'	226°47'	89°02'	138°15'	149°13'	272°09'	9°24'
05.07.2055	103°01'	233°46'	240°42'	91°01'	138°34'	149°49'	272°01'	9°25'
06.07.2055	103°58'	247°35'	254°26'	93°03'	138°52'	150°25'	271°54'	9°27'
07.07.2055	104°55'	261°13'	267°56'	95°06'	139°07'	151°01'	271°47'	9°29'
08.07.2055	105°52'	274°36'	281°12'	97°11'	139°20'	151°38'	271°39'	9°30'
09.07.2055	106°49'	287°44'	294°11'	99°18'	139°32'	152°14'	271°32'	9°31'
10.07.2055	107°47'	300°35'	306°54'	101°26'	139°41'	152°50'	271°25'	9°32'
11.07.2055	108°44'	313°10'	319°21'	103°34'	139°48'	153°26'	271°18'	9°34'
12.07.2055	109°41'	325°30'	331°35'	105°43'	139°53'	154°02'	271°11'	9°35'
13.07.2055	110°38'	337°37'	343°37'	107°53'	139°56'	154°39'	271°04'	9°36'
14.07.2055	111°35'	349°36'	355°32'	110°02'	139°56'	155°15'	270°57'	9°36'
15.07.2055	112°33'	1°28'	7°24'	112°12'	139°54'	155°52'	270°51'	9°37'
16.07.2055	113°30'	13°20'	19°17'	114°20'	139°49'	156°28'	270°44'	9°38'
17.07.2055	114°27'	25°15'	31°15'	116°28'	139°43'	157°05'	270°38'	9°38'
18.07.2055	115°24'	37°18'	43°24'	118°35'	139°34'	157°41'	270°31'	9°39'
19.07.2055	116°21'	49°34'	55°48'	120°41'	139°22'	158°18'	270°25'	9°39'
20.07.2055	117°19'	62°07'	68°30'	122°46'	139°08'	158°55'	270°19'	9°39'
21.07.2055	118°16'	74°59'	81°33'	124°49'	138°52'	159°31'	270°13'	9°39'
22.07.2055	119°13'	88°13'	94°58'	126°51'	138°34'	160°08'	270°07'	9°39'
23.07.2055	120°11'	101°48'	108°44'	128°51'	138°13'	160°45'	270°01'	9°39'
24.07.2055	121°08'	115°45'	122°49'	130°50'	137°50'	161°22'	269°55'	9°39'
25.07.2055	122°05'	129°58'	137°10'	132°47'	137°25'	161°59'	269°50'	9°39'
26.07.2055	123°03'	144°24'	151°40'	134°42'	136°58'	162°36'	269°45'	9°38'
27.07.2055	124°00'	158°57'	166°15'	136°36'	136°29'	163°13'	269°39'	9°38'
28.07.2055	124°57'	173°32'	180°49'	138°28'	135°59'	163°50'	269°34'	9°37'
29.07.2055	125°55'	188°03'	195°16'	140°18'	135°27'	164°27'	269°29'	9°36'
30.07.2055	126°52'	202°26'	209°33'	142°07'	134°53'	165°04'	269°25'	9°36'

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31.07.2055	127°49'	216°37'	223°38'	143°54'	134°18'	165°41'	269°20'	9°35'
01.08.2055	128°47'	230°35'	237°29'	145°39'	133°43'	166°18'	269°16'	9°34'
02.08.2055	129°44'	244°18'	251°04'	147°22'	133°06'	166°55'	269°11'	9°33'
03.08.2055	130°41'	257°47'	264°25'	149°04'	132°29'	167°33'	269°07'	9°31'
04.08.2055	131°39'	271°00'	277°31'	150°44'	131°52'	168°10'	269°03'	9°30'
05.08.2055	132°36'	283°59'	290°24'	152°23'	131°14'	168°47'	268°59'	9°29'
06.08.2055	133°34'	296°45'	303°03'	154°00'	130°37'	169°25'	268°56'	9°27'
07.08.2055	134°31'	309°18'	315°29'	155°35'	130°00'	170°02'	268°52'	9°25'
08.08.2055	135°29'	321°39'	327°45'	157°09'	129°24'	170°40'	268°49'	9°24'
09.08.2055	136°26'	333°49'	339°51'	158°40'	128°48'	171°18'	268°46'	9°22'
10.08.2055	137°24'	345°51'	351°49'	160°11'	128°14'	171°55'	268°43'	9°20'
11.08.2055	138°21'	357°46'	3°43'	161°39'	127°41'	172°33'	268°40'	9°18'
12.08.2055	139°19'	9°38'	15°34'	163°06'	127°10'	173°10'	268°38'	9°16'
13.08.2055	140°16'	21°29'	27°26'	164°31'	126°40'	173°48'	268°35'	9°14'
14.08.2055	141°14'	33°24'	39°24'	165°55'	126°12'	174°26'	268°33'	9°12'
15.08.2055	142°11'	45°26'	51°31'	167°16'	125°46'	175°04'	268°31'	9°09'
16.08.2055	143°09'	57°40'	63°53'	168°36'	125°22'	175°42'	268°29'	9°07'
17.08.2055	144°07'	70°10'	76°32'	169°54'	125°00'	176°20'	268°28'	9°04'
18.08.2055	145°04'	83°00'	89°34'	171°11'	124°41'	176°58'	268°26'	9°02'
19.08.2055	146°02'	96°14'	103°01'	172°25'	124°24'	177°36'	268°25'	8°59'
20.08.2055	147°00'	109°54'	116°53'	173°37'	124°09'	178°14'	268°24'	8°56'
21.08.2055	147°58'	123°59'	131°10'	174°47'	123°56'	178°52'	268°23'	8°53'
22.08.2055	148°55'	138°27'	145°48'	175°55'	123°46'	179°30'	268°22'	8°50'
23.08.2055	149°53'	153°13'	160°41'	177°01'	123°39'	180°08'	268°22'	8°47'
24.08.2055	150°51'	168°10'	175°40'	178°04'	123°33'	180°47'	268°21'	8°44'
25.08.2055	151°49'	183°10'	190°38'	179°05'	123°31'	181°25'	268°21'	8°41'
26.08.2055	152°47'	198°04'	205°26'	180°03'	123°30'	182°03'	268°21'	8°38'
27.08.2055	153°45'	212°44'	219°58'	180°59'	123°32'	182°42'	268°21'	8°34'
28.08.2055	154°43'	227°06'	234°09'	181°52'	123°36'	183°20'	268°22'	8°31'
29.08.2055	155°41'	241°06'	247°57'	182°41'	123°42'	183°59'	268°22'	8°28'
30.08.2055	156°38'	254°43'	261°24'	183°27'	123°50'	184°37'	268°23'	8°24'
31.08.2055	157°36'	268°00'	274°31'	184°10'	124°01'	185°16'	268°24'	8°20'
01.09.2055	158°34'	280°57'	287°20'	184°49'	124°14'	185°55'	268°25'	8°17'
02.09.2055	159°32'	293°39'	299°54'	185°24'	124°28'	186°33'	268°27'	8°13'
03.09.2055	160°31'	306°06'	312°16'	185°55'	124°45'	187°12'	268°28'	8°09'
04.09.2055	161°29'	318°23'	324°27'	186°21'	125°03'	187°51'	268°30'	8°05'
05.09.2055	162°27'	330°30'	336°32'	186°43'	125°24'	188°30'	268°32'	8°01'
06.09.2055	163°25'	342°31'	348°30'	186°59'	125°46'	189°08'	268°34'	7°57'
07.09.2055	164°23'	354°27'	0°24'	187°11'	126°10'	189°47'	268°36'	7°53'
08.09.2055	165°21'	6°20'	12°15'	187°16'	126°36'	190°26'	268°39'	7°49'
09.09.2055	166°19'	18°11'	24°07'	187°16'	127°03'	191°05'	268°41'	7°45'
10.09.2055	167°18'	30°03'	36°00'	187°09'	127°32'	191°44'	268°44'	7°41'
11.09.2055	168°16'	41°58'	47°58'	186°56'	128°02'	192°24'	268°47'	7°37'
12.09.2055	169°14'	54°00'	60°04'	186°36'	128°34'	193°03'	268°50'	7°32'
13.09.2055	170°13'	66°12'	72°23'	186°10'	129°07'	193°42'	268°54'	7°28'
14.09.2055	171°11'	78°38'	84°58'	185°37'	129°42'	194°21'	268°57'	7°24'
15.09.2055	172°09'	91°23'	97°54'	184°58'	130°18'	195°01'	269°01'	7°19'
16.09.2055	173°08'	104°31'	111°14'	184°12'	130°55'	195°40'	269°05'	7°15'
17.09.2055	174°06'	118°05'	125°02'	183°21'	131°33'	196°19'	269°09'	7°10'
18.09.2055	175°05'	132°06'	139°18'	182°25'	132°13'	196°59'	269°13'	7°06'
19.09.2055	176°03'	146°35'	153°59'	181°26'	132°54'	197°38'	269°17'	7°01'
20.09.2055	177°02'	161°28'	169°01'	180°23'	133°35'	198°18'	269°22'	6°57'
21.09.2055	178°01'	176°37'	184°15'	179°19'	134°18'	198°58'	269°27'	6°52'
22.09.2055	178°59'	191°54'	199°31'	178°15'	135°02'	199°37'	269°32'	6°47'
23.09.2055	179°58'	207°06'	214°38'	177°13'	135°47'	200°17'	269°37'	6°43'

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24.09.2055	180°57'	222°05'	229°26'	176°14'	136°32'	200°57'	269°42'	6°38'
25.09.2055	181°55'	236°42'	243°50'	175°19'	137°19'	201°37'	269°47'	6°33'
26.09.2055	182°54'	250°51'	257°46'	174°31'	138°06'	202°16'	269°53'	6°29'
27.09.2055	183°53'	264°33'	271°14'	173°50'	138°55'	202°56'	269°59'	6°24'
28.09.2055	184°52'	277°48'	284°16'	173°18'	139°44'	203°36'	270°04'	6°19'
29.09.2055	185°51'	290°39'	296°57'	172°55'	140°34'	204°16'	270°10'	6°15'
30.09.2055	186°50'	303°11'	309°21'	172°42'	141°24'	204°56'	270°17'	6°10'
01.10.2055	187°49'	315°28'	321°32'	172°39'	142°16'	205°37'	270°23'	6°05'
02.10.2055	188°48'	327°34'	333°33'	172°47'	143°08'	206°17'	270°30'	6°01'
03.10.2055	189°47'	339°32'	345°29'	173°05'	144°00'	206°57'	270°36'	5°56'
04.10.2055	190°46'	351°26'	357°22'	173°32'	144°54'	207°37'	270°43'	5°51'
05.10.2055	191°45'	3°18'	9°13'	174°09'	145°48'	208°18'	270°50'	5°47'
06.10.2055	192°44'	15°09'	21°06'	174°55'	146°42'	208°58'	270°57'	5°42'
07.10.2055	193°43'	27°02'	33°00'	175°49'	147°38'	209°38'	271°04'	5°37'
08.10.2055	194°42'	38°58'	44°57'	176°51'	148°33'	210°19'	271°12'	5°33'
09.10.2055	195°41'	50°58'	57°00'	177°59'	149°30'	210°59'	271°19'	5°28'
10.10.2055	196°40'	63°04'	69°10'	179°13'	150°27'	211°40'	271°27'	5°24'
11.10.2055	197°40'	75°18'	81°30'	180°32'	151°24'	212°21'	271°35'	5°19'
12.10.2055	198°39'	87°45'	94°04'	181°56'	152°22'	213°01'	271°43'	5°15'
13.10.2055	199°38'	100°27'	106°55'	183°24'	153°21'	213°42'	271°51'	5°10'
14.10.2055	200°38'	113°29'	120°08'	184°54'	154°20'	214°23'	271°59'	5°06'
15.10.2055	201°37'	126°53'	133°45'	186°28'	155°19'	215°04'	272°07'	5°01'
16.10.2055	202°36'	140°44'	147°50'	188°04'	156°19'	215°45'	272°16'	4°57'
17.10.2055	203°36'	155°02'	162°21'	189°42'	157°19'	216°25'	272°24'	4°53'
18.10.2055	204°36'	169°46'	177°16'	191°21'	158°20'	217°06'	272°33'	4°48'
19.10.2055	205°35'	184°50'	192°28'	193°01'	159°21'	217°48'	272°42'	4°44'
20.10.2055	206°35'	200°07'	207°46'	194°42'	160°22'	218°29'	272°51'	4°40'
21.10.2055	207°34'	215°24'	223°00'	196°23'	161°24'	219°10'	273°00'	4°36'
22.10.2055	208°34'	230°32'	237°58'	198°05'	162°27'	219°51'	273°09'	4°32'
23.10.2055	209°34'	245°19'	252°33'	199°47'	163°29'	220°32'	273°19'	4°28'
24.10.2055	210°33'	259°39'	266°38'	201°29'	164°32'	221°14'	273°28'	4°24'
25.10.2055	211°33'	273°29'	280°13'	203°11'	165°35'	221°55'	273°38'	4°20'
26.10.2055	212°33'	286°49'	293°19'	204°53'	166°39'	222°36'	273°47'	4°16'
27.10.2055	213°33'	299°43'	306°01'	206°35'	167°43'	223°18'	273°57'	4°12'
28.10.2055	214°33'	312°14'	318°23'	208°16'	168°47'	223°59'	274°07'	4°08'
29.10.2055	215°33'	324°28'	330°30'	209°57'	169°52'	224°41'	274°17'	4°05'
30.10.2055	216°32'	336°30'	342°28'	211°38'	170°56'	225°23'	274°27'	4°01'
31.10.2055	217°32'	348°24'	354°20'	213°18'	172°01'	226°04'	274°38'	3°58'
01.11.2055	218°32'	0°15'	6°10'	214°57'	173°07'	226°46'	274°48'	3°54'
02.11.2055	219°32'	12°06'	18°02'	216°37'	174°12'	227°28'	274°58'	3°51'
03.11.2055	220°32'	23°59'	29°57'	218°16'	175°18'	228°10'	275°09'	3°48'
04.11.2055	221°32'	35°56'	41°57'	219°54'	176°25'	228°52'	275°20'	3°44'
05.11.2055	222°32'	47°59'	54°03'	221°32'	177°31'	229°33'	275°30'	3°41'
06.11.2055	223°33'	60°08'	66°15'	223°10'	178°38'	230°15'	275°41'	3°38'
07.11.2055	224°33'	72°25'	78°36'	224°47'	179°45'	230°58'	275°52'	3°35'
08.11.2055	225°33'	84°50'	91°06'	226°23'	180°52'	231°40'	276°03'	3°32'
09.11.2055	226°33'	97°25'	103°47'	228°00'	181°59'	232°22'	276°14'	3°30'
10.11.2055	227°33'	110°13'	116°42'	229°36'	183°07'	233°04'	276°26'	3°27'
11.11.2055	228°34'	123°16'	129°54'	231°11'	184°14'	233°46'	276°37'	3°24'
12.11.2055	229°34'	136°37'	143°25'	232°47'	185°23'	234°29'	276°48'	3°22'
13.11.2055	230°34'	150°18'	157°18'	234°22'	186°31'	235°11'	277°00'	3°19'
14.11.2055	231°35'	164°23'	171°33'	235°56'	187°39'	235°53'	277°11'	3°17'
15.11.2055	232°35'	178°49'	186°10'	237°31'	188°48'	236°36'	277°23'	3°15'
16.11.2055	233°35'	193°34'	201°03'	239°05'	189°57'	237°18'	277°35'	3°13'
17.11.2055	234°36'	208°33'	216°05'	240°38'	191°06'	238°01'	277°47'	3°11'

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18.11.2055	235°36'	223°37'	231°08'	242°12'	192°15'	238°44'	277°59'	3°09'
19.11.2055	236°37'	238°36'	246°00'	243°45'	193°24'	239°26'	278°11'	3°07'
20.11.2055	237°37'	253°20'	260°34'	245°18'	194°34'	240°09'	278°23'	3°05'
21.11.2055	238°38'	267°41'	274°42'	246°51'	195°43'	240°52'	278°35'	3°03'
22.11.2055	239°39'	281°36'	288°22'	248°24'	196°53'	241°35'	278°47'	3°02'
23.11.2055	240°39'	295°02'	301°35'	249°56'	198°03'	242°18'	278°59'	3°00'
24.11.2055	241°40'	308°01'	314°22'	251°28'	199°13'	243°01'	279°12'	2°59'
25.11.2055	242°41'	320°37'	326°47'	253°01'	200°23'	243°44'	279°24'	2°58'
26.11.2055	243°41'	332°54'	338°57'	254°32'	201°34'	244°27'	279°36'	2°57'
27.11.2055	244°42'	344°57'	350°55'	256°04'	202°44'	245°10'	279°49'	2°56'
28.11.2055	245°43'	356°51'	2°47'	257°36'	203°55'	245°53'	280°02'	2°55'
29.11.2055	246°43'	8°42'	14°38'	259°07'	205°05'	246°36'	280°14'	2°54'
30.11.2055	247°44'	20°34'	26°31'	260°38'	206°16'	247°19'	280°27'	2°53'
01.12.2055	248°45'	32°29'	38°30'	262°09'	207°27'	248°03'	280°40'	2°53'
02.12.2055	249°46'	44°32'	50°37'	263°39'	208°38'	248°46'	280°53'	2°52'
03.12.2055	250°46'	56°43'	62°53'	265°10'	209°50'	249°29'	281°05'	2°52'
04.12.2055	251°47'	69°05'	75°19'	266°39'	211°01'	250°13'	281°18'	2°52'
05.12.2055	252°48'	81°37'	87°56'	268°09'	212°12'	250°56'	281°31'	2°51'
06.12.2055	253°49'	94°19'	100°44'	269°38'	213°24'	251°40'	281°44'	2°51'
07.12.2055	254°50'	107°12'	113°43'	271°07'	214°36'	252°23'	281°58'	2°51'
08.12.2055	255°51'	120°17'	126°54'	272°34'	215°48'	253°07'	282°11'	2°52'
09.12.2055	256°52'	133°34'	140°17'	274°02'	216°59'	253°51'	282°24'	2°52'
10.12.2055	257°53'	147°03'	153°53'	275°28'	218°11'	254°35'	282°37'	2°52'
11.12.2055	258°54'	160°47'	167°44'	276°53'	219°23'	255°18'	282°50'	2°53'
12.12.2055	259°55'	174°44'	181°49'	278°17'	220°36'	256°02'	283°04'	2°53'
13.12.2055	260°56'	188°56'	196°07'	279°40'	221°48'	256°46'	283°17'	2°54'
14.12.2055	261°57'	203°21'	210°36'	281°01'	223°00'	257°30'	283°31'	2°55'
15.12.2055	262°58'	217°54'	225°12'	282°21'	224°13'	258°14'	283°44'	2°56'
16.12.2055	263°59'	232°30'	239°48'	283°38'	225°25'	258°58'	283°58'	2°57'
17.12.2055	265°00'	247°04'	254°18'	284°52'	226°38'	259°42'	284°11'	2°58'
18.12.2055	266°01'	261°28'	268°34'	286°04'	227°50'	260°26'	284°25'	2°59'
19.12.2055	267°02'	275°36'	282°32'	287°12'	229°03'	261°11'	284°38'	3°00'
20.12.2055	268°03'	289°23'	296°08'	288°15'	230°16'	261°55'	284°52'	3°02'
21.12.2055	269°04'	302°47'	309°20'	289°14'	231°29'	262°39'	285°06'	3°04'
22.12.2055	270°05'	315°47'	322°10'	290°08'	232°42'	263°24'	285°19'	3°05'
23.12.2055	271°06'	328°27'	334°39'	290°56'	233°55'	264°08'	285°33'	3°07'
24.12.2055	272°07'	340°47'	346°52'	291°36'	235°08'	264°52'	285°47'	3°09'
25.12.2055	273°09'	352°54'	358°53'	292°09'	236°21'	265°37'	286°01'	3°11'
26.12.2055	274°10'	4°51'	10°47'	292°32'	237°34'	266°21'	286°14'	3°13'
27.12.2055	275°11'	16°43'	22°39'	292°46'	238°47'	267°06'	286°28'	3°15'
28.12.2055	276°12'	28°35'	34°33'	292°50'	240°00'	267°51'	286°42'	3°17'
29.12.2055	277°13'	40°33'	46°34'	292°42'	241°14'	268°35'	286°56'	3°20'
30.12.2055	278°14'	52°39'	58°46'	292°23'	242°27'	269°20'	287°10'	3°22'
31.12.2055	279°15'	64°56'	71°10'	291°51'	243°40'	270°05'	287°24'	3°25'
01.01.2056	280°17'	77°28'	83°49'	291°08'	244°54'	270°50'	287°37'	3°28'
02.01.2056	281°18'	90°14'	96°43'	290°14'	246°07'	271°34'	287°51'	3°31'
03.01.2056	282°19'	103°16'	109°53'	289°11'	247°21'	272°19'	288°05'	3°33'
04.01.2056	283°20'	116°33'	123°17'	287°59'	248°34'	273°04'	288°19'	3°36'
05.01.2056	284°21'	130°03'	136°53'	286°42'	249°48'	273°49'	288°33'	3°40'
06.01.2056	285°22'	143°45'	150°40'	285°22'	251°02'	274°34'	288°47'	3°43'
07.01.2056	286°23'	157°37'	164°36'	284°01'	252°15'	275°19'	289°01'	3°46'
08.01.2056	287°25'	171°36'	178°39'	282°42'	253°29'	276°04'	289°15'	3°49'
09.01.2056	288°26'	185°42'	192°47'	281°27'	254°43'	276°50'	289°29'	3°53'
10.01.2056	289°27'	199°52'	206°58'	280°19'	255°57'	277°35'	289°43'	3°57'
11.01.2056	290°28'	214°04'	221°10'	279°19'	257°11'	278°20'	289°57'	4°00'

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12.01.2056	291°29'	228°16'	235°21'	278°27'	258°24'	279°05'	290°11'	4°04'
13.01.2056	292°30'	242°25'	249°27'	277°46'	259°38'	279°51'	290°25'	4°08'
14.01.2056	293°31'	256°28'	263°26'	277°14'	260°52'	280°36'	290°39'	4°12'
15.01.2056	294°33'	270°22'	277°15'	276°52'	262°06'	281°21'	290°53'	4°16'
16.01.2056	295°34'	284°04'	290°49'	276°39'	263°20'	282°07'	291°07'	4°20'
17.01.2056	296°35'	297°31'	304°08'	276°36'	264°34'	282°52'	291°21'	4°24'
18.01.2056	297°36'	310°41'	317°10'	276°41'	265°48'	283°38'	291°35'	4°29'
19.01.2056	298°37'	323°34'	329°54'	276°53'	267°02'	284°23'	291°49'	4°33'
20.01.2056	299°38'	336°10'	342°22'	277°13'	268°17'	285°09'	292°03'	4°37'
21.01.2056	300°39'	348°31'	354°36'	277°39'	269°31'	285°55'	292°17'	4°42'
22.01.2056	301°40'	0°38'	6°39'	278°11'	270°45'	286°40'	292°31'	4°47'
23.01.2056	302°41'	12°37'	18°34'	278°49'	271°59'	287°26'	292°45'	4°51'
24.01.2056	303°42'	24°30'	30°26'	279°31'	273°13'	288°12'	292°59'	4°56'
25.01.2056	304°44'	36°23'	42°20'	280°18'	274°27'	288°58'	293°13'	5°01'
26.01.2056	305°45'	48°19'	54°21'	281°09'	275°41'	289°43'	293°26'	5°06'
27.01.2056	306°46'	60°25'	66°32'	282°04'	276°56'	290°29'	293°40'	5°11'
28.01.2056	307°47'	72°43'	78°58'	283°01'	278°10'	291°15'	293°54'	5°16'
29.01.2056	308°47'	85°18'	91°43'	284°02'	279°24'	292°01'	294°08'	5°21'
30.01.2056	309°48'	98°13'	104°48'	285°05'	280°38'	292°47'	294°22'	5°26'
31.01.2056	310°49'	111°29'	118°15'	286°11'	281°53'	293°33'	294°35'	5°32'
01.02.2056	311°50'	125°06'	132°01'	287°19'	283°07'	294°19'	294°49'	5°37'
02.02.2056	312°51'	139°01'	146°05'	288°29'	284°21'	295°05'	295°03'	5°43'
03.02.2056	313°52'	153°12'	160°22'	289°41'	285°36'	295°51'	295°16'	5°48'
04.02.2056	314°53'	167°34'	174°48'	290°55'	286°50'	296°37'	295°30'	5°54'
05.02.2056	315°54'	182°02'	189°16'	292°10'	288°04'	297°23'	295°44'	5°59'
06.02.2056	316°55'	196°29'	203°41'	293°27'	289°19'	298°09'	295°57'	6°05'
07.02.2056	317°55'	210°52'	218°00'	294°45'	290°33'	298°56'	296°11'	6°11'
08.02.2056	318°56'	225°06'	232°09'	296°05'	291°47'	299°42'	296°24'	6°17'
09.02.2056	319°57'	239°10'	246°07'	297°26'	293°02'	300°28'	296°38'	6°23'
10.02.2056	320°58'	253°01'	259°53'	298°48'	294°16'	301°14'	296°51'	6°29'
11.02.2056	321°58'	266°41'	273°26'	300°11'	295°31'	302°01'	297°05'	6°35'
12.02.2056	322°59'	280°07'	286°46'	301°36'	296°45'	302°47'	297°18'	6°41'
13.02.2056	324°00'	293°22'	299°54'	303°01'	297°59'	303°33'	297°31'	6°47'
14.02.2056	325°01'	306°24'	312°50'	304°28'	299°14'	304°20'	297°44'	6°53'
15.02.2056	326°01'	319°13'	325°34'	305°55'	300°28'	305°06'	297°58'	7°00'
16.02.2056	327°02'	331°51'	338°05'	307°23'	301°43'	305°53'	298°11'	7°06'
17.02.2056	328°03'	344°16'	350°25'	308°53'	302°57'	306°39'	298°24'	7°12'
18.02.2056	329°03'	356°31'	2°35'	310°23'	304°12'	307°26'	298°37'	7°19'
19.02.2056	330°04'	8°36'	14°35'	311°55'	305°26'	308°12'	298°50'	7°25'
20.02.2056	331°04'	20°33'	26°30'	313°27'	306°40'	308°59'	299°03'	7°32'
21.02.2056	332°05'	32°26'	38°22'	315°00'	307°55'	309°45'	299°16'	7°38'
22.02.2056	333°05'	44°18'	50°14'	316°34'	309°09'	310°32'	299°29'	7°45'
23.02.2056	334°06'	56°12'	62°12'	318°09'	310°24'	311°18'	299°41'	7°52'
24.02.2056	335°06'	68°15'	74°20'	319°45'	311°38'	312°05'	299°54'	7°58'
25.02.2056	336°07'	80°30'	86°43'	321°22'	312°53'	312°52'	300°07'	8°05'
26.02.2056	337°07'	93°02'	99°26'	323°00'	314°07'	313°38'	300°19'	8°12'
27.02.2056	338°07'	105°56'	112°33'	324°39'	315°21'	314°25'	300°32'	8°19'
28.02.2056	339°08'	119°15'	126°05'	326°19'	316°36'	315°12'	300°44'	8°26'
29.02.2056	340°08'	133°01'	140°03'	328°00'	317°50'	315°58'	300°57'	8°33'
01.03.2056	341°08'	147°12'	154°26'	329°42'	319°05'	316°45'	301°09'	8°40'
02.03.2056	342°08'	161°45'	169°08'	331°25'	320°19'	317°32'	301°22'	8°47'
03.03.2056	343°08'	176°34'	184°02'	333°09'	321°34'	318°18'	301°34'	8°54'
04.03.2056	344°09'	191°30'	198°58'	334°54'	322°48'	319°05'	301°46'	9°01'
05.03.2056	345°09'	206°25'	213°49'	336°40'	324°02'	319°52'	301°58'	9°08'
06.03.2056	346°09'	221°10'	228°27'	338°27'	325°17'	320°39'	302°10'	9°15'

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07.03.2056	347°09'	235°40'	242°47'	340°16'	326°31'	321°25'	302°22'	9°22'
08.03.2056	348°09'	249°49'	256°46'	342°05'	327°46'	322°12'	302°34'	9°29'
09.03.2056	349°09'	263°38'	270°25'	343°56'	329°00'	322°59'	302°45'	9°36'
10.03.2056	350°09'	277°07'	283°44'	345°47'	330°15'	323°46'	302°57'	9°44'
11.03.2056	351°09'	290°17'	296°46'	347°40'	331°29'	324°33'	303°09'	9°51'
12.03.2056	352°09'	303°12'	309°34'	349°34'	332°43'	325°20'	303°20'	9°58'
13.03.2056	353°09'	315°53'	322°09'	351°28'	333°58'	326°06'	303°32'	10°05'
14.03.2056	354°08'	328°23'	334°35'	353°24'	335°12'	326°53'	303°43'	10°13'
15.03.2056	355°08'	340°44'	346°51'	355°21'	336°27'	327°40'	303°54'	10°20'
16.03.2056	356°08'	352°57'	359°00'	357°19'	337°41'	328°27'	304°05'	10°28'
17.03.2056	357°08'	5°02'	11°02'	359°17'	338°55'	329°14'	304°16'	10°35'
18.03.2056	358°08'	17°01'	22°59'	1°16'	340°10'	330°01'	304°27'	10°42'
19.03.2056	359°07'	28°56'	34°52'	3°16'	341°24'	330°48'	304°38'	10°50'
20.03.2056	0°07'	40°47'	46°43'	5°16'	342°39'	331°35'	304°49'	10°57'
21.03.2056	1°07'	52°38'	58°35'	7°17'	343°53'	332°21'	305°00'	11°05'
22.03.2056	2°06'	64°32'	70°31'	9°17'	345°07'	333°08'	305°10'	11°12'
23.03.2056	3°06'	76°32'	82°36'	11°17'	346°22'	333°55'	305°21'	11°20'
24.03.2056	4°05'	88°44'	94°55'	13°17'	347°36'	334°42'	305°31'	11°27'
25.03.2056	5°05'	101°11'	107°33'	15°16'	348°50'	335°29'	305°41'	11°35'
26.03.2056	6°04'	114°00'	120°33'	17°14'	350°05'	336°16'	305°52'	11°42'
27.03.2056	7°04'	127°14'	134°02'	19°10'	351°19'	337°03'	306°02'	11°50'
28.03.2056	8°03'	140°57'	147°59'	21°04'	352°33'	337°49'	306°12'	11°57'
29.03.2056	9°02'	155°09'	162°26'	22°56'	353°48'	338°36'	306°21'	12°05'
30.03.2056	10°02'	169°49'	177°17'	24°45'	355°02'	339°23'	306°31'	12°12'
31.03.2056	11°01'	184°50'	192°27'	26°31'	356°16'	340°10'	306°41'	12°20'
01.04.2056	12°00'	200°05'	207°43'	28°13'	357°30'	340°57'	306°50'	12°27'
02.04.2056	12°59'	215°21'	222°56'	29°52'	358°45'	341°44'	307°00'	12°35'
03.04.2056	13°58'	230°27'	237°54'	31°26'	359°59'	342°30'	307°09'	12°42'
04.04.2056	14°57'	245°15'	252°31'	32°56'	1°13'	343°17'	307°18'	12°50'
05.04.2056	15°57'	259°39'	266°41'	34°20'	2°27'	344°04'	307°27'	12°58'
06.04.2056	16°56'	273°36'	280°24'	35°40'	3°42'	344°51'	307°36'	13°05'
07.04.2056	17°55'	287°07'	293°43'	36°53'	4°56'	345°38'	307°45'	13°13'
08.04.2056	18°54'	300°13'	306°39'	38°02'	6°10'	346°24'	307°53'	13°20'
09.04.2056	19°53'	313°00'	319°17'	39°04'	7°24'	347°11'	308°02'	13°28'
10.04.2056	20°52'	325°30'	331°41'	40°00'	8°38'	347°58'	308°10'	13°35'
11.04.2056	21°51'	337°48'	343°53'	40°50'	9°53'	348°45'	308°19'	13°43'
12.04.2056	22°49'	349°57'	355°58'	41°34'	11°07'	349°31'	308°27'	13°50'
13.04.2056	23°48'	1°59'	7°58'	42°12'	12°21'	350°18'	308°35'	13°58'
14.04.2056	24°47'	13°56'	19°53'	42°43'	13°35'	351°05'	308°43'	14°05'
15.04.2056	25°46'	25°50'	31°46'	43°07'	14°49'	351°51'	308°50'	14°12'
16.04.2056	26°45'	37°42'	43°38'	43°26'	16°03'	352°38'	308°58'	14°20'
17.04.2056	27°43'	49°34'	55°30'	43°38'	17°17'	353°25'	309°05'	14°27'
18.04.2056	28°42'	61°26'	67°24'	43°43'	18°32'	354°11'	309°12'	14°35'
19.04.2056	29°41'	73°23'	79°23'	43°43'	19°46'	354°58'	309°20'	14°42'
20.04.2056	30°39'	85°25'	91°29'	43°37'	21°00'	355°45'	309°27'	14°50'
21.04.2056	31°38'	97°37'	103°48'	43°25'	22°14'	356°31'	309°33'	14°57'
22.04.2056	32°36'	110°03'	116°23'	43°08'	23°28'	357°18'	309°40'	15°04'
23.04.2056	33°35'	122°48'	129°19'	42°46'	24°42'	358°04'	309°47'	15°11'
24.04.2056	34°33'	135°56'	142°40'	42°19'	25°56'	358°51'	309°53'	15°19'
25.04.2056	35°32'	149°31'	156°29'	41°49'	27°10'	359°37'	309°59'	15°26'
26.04.2056	36°30'	163°35'	170°48'	41°16'	28°24'	0°23'	310°05'	15°33'
27.04.2056	37°29'	178°08'	185°34'	40°40'	29°38'	1°10'	310°11'	15°40'
28.04.2056	38°27'	193°05'	200°41'	40°02'	30°52'	1°56'	310°17'	15°48'
29.04.2056	39°25'	208°19'	216°00'	39°23'	32°06'	2°42'	310°23'	15°55'
30.04.2056	40°24'	223°40'	231°20'	38°43'	33°20'	3°29'	310°28'	16°02'

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01.05.2056	41°22'	238°56'	246°28'	38°04'	34°34'	4°15'	310°33'	16°09'
02.05.2056	42°20'	253°56'	261°17'	37°25'	35°48'	5°01'	310°38'	16°16'
03.05.2056	43°18'	268°32'	275°39'	36°49'	37°02'	5°47'	310°43'	16°23'
04.05.2056	44°16'	282°40'	289°33'	36°14'	38°16'	6°34'	310°48'	16°30'
05.05.2056	45°15'	296°19'	302°58'	35°42'	39°30'	7°20'	310°53'	16°37'
06.05.2056	46°13'	309°30'	315°57'	35°14'	40°44'	8°06'	310°57'	16°44'
07.05.2056	47°11'	322°18'	328°35'	34°49'	41°58'	8°52'	311°01'	16°51'
08.05.2056	48°09'	334°47'	340°55'	34°28'	43°12'	9°38'	311°06'	16°58'
09.05.2056	49°07'	347°01'	353°04'	34°11'	44°26'	10°24'	311°09'	17°04'
10.05.2056	50°05'	359°04'	5°03'	33°59'	45°39'	11°10'	311°13'	17°11'
11.05.2056	51°03'	11°01'	16°57'	33°51'	46°53'	11°56'	311°17'	17°18'
12.05.2056	52°01'	22°53'	28°49'	33°47'	48°07'	12°42'	311°20'	17°25'
13.05.2056	52°59'	34°45'	40°40'	33°49'	49°21'	13°28'	311°23'	17°31'
14.05.2056	53°57'	46°37'	52°33'	33°55'	50°35'	14°14'	311°26'	17°38'
15.05.2056	54°55'	58°31'	64°29'	34°05'	51°49'	15°00'	311°29'	17°44'
16.05.2056	55°53'	70°29'	76°29'	34°21'	53°03'	15°45'	311°32'	17°51'
17.05.2056	56°50'	82°32'	88°36'	34°40'	54°17'	16°31'	311°34'	17°57'
18.05.2056	57°48'	94°42'	100°51'	35°04'	55°30'	17°17'	311°37'	18°04'
19.05.2056	58°46'	107°02'	113°16'	35°32'	56°44'	18°02'	311°39'	18°10'
20.05.2056	59°44'	119°34'	125°56'	36°05'	57°58'	18°48'	311°41'	18°17'
21.05.2056	60°42'	132°23'	138°54'	36°41'	59°12'	19°33'	311°42'	18°23'
22.05.2056	61°39'	145°31'	152°13'	37°21'	60°26'	20°19'	311°44'	18°29'
23.05.2056	62°37'	159°01'	165°55'	38°05'	61°40'	21°04'	311°45'	18°35'
24.05.2056	63°35'	172°56'	180°03'	38°53'	62°53'	21°50'	311°46'	18°41'
25.05.2056	64°32'	187°16'	194°34'	39°44'	64°07'	22°35'	311°47'	18°47'
26.05.2056	65°30'	201°58'	209°26'	40°38'	65°21'	23°20'	311°48'	18°53'
27.05.2056	66°28'	216°57'	224°31'	41°36'	66°35'	24°06'	311°49'	18°59'
28.05.2056	67°25'	232°06'	239°40'	42°37'	67°48'	24°51'	311°49'	19°05'
29.05.2056	68°23'	247°13'	254°43'	43°41'	69°02'	25°36'	311°49'	19°11'
30.05.2056	69°20'	262°10'	269°31'	44°49'	70°16'	26°21'	311°49'	19°17'
31.05.2056	70°18'	276°47'	283°57'	45°59'	71°30'	27°06'	311°49'	19°22'
01.06.2056	71°15'	291°00'	297°56'	47°12'	72°43'	27°51'	311°49'	19°28'
02.06.2056	72°13'	304°45'	311°27'	48°28'	73°57'	28°36'	311°48'	19°34'
03.06.2056	73°10'	318°03'	324°33'	49°47'	75°11'	29°21'	311°48'	19°39'
04.06.2056	74°08'	330°57'	337°15'	51°09'	76°25'	30°06'	311°47'	19°45'
05.06.2056	75°05'	343°29'	349°39'	52°34'	77°38'	30°51'	311°46'	19°50'
06.06.2056	76°02'	355°45'	1°47'	54°01'	78°52'	31°36'	311°44'	19°55'
07.06.2056	77°00'	7°48'	13°46'	55°31'	80°06'	32°20'	311°43'	20°00'
08.06.2056	77°57'	19°43'	25°40'	57°04'	81°20'	33°05'	311°41'	20°06'
09.06.2056	78°55'	31°35'	37°31'	58°40'	82°33'	33°50'	311°39'	20°11'
10.06.2056	79°52'	43°27'	49°23'	60°18'	83°47'	34°34'	311°37'	20°16'
11.06.2056	80°49'	55°21'	61°20'	61°59'	85°01'	35°19'	311°35'	20°21'
12.06.2056	81°47'	67°20'	73°22'	63°42'	86°15'	36°03'	311°32'	20°26'
13.06.2056	82°44'	79°26'	85°32'	65°29'	87°28'	36°47'	311°30'	20°30'
14.06.2056	83°42'	91°40'	97°51'	67°17'	88°42'	37°32'	311°27'	20°35'
15.06.2056	84°39'	104°04'	110°20'	69°09'	89°56'	38°16'	311°24'	20°40'
16.06.2056	85°36'	116°39'	123°01'	71°02'	91°09'	39°00'	311°21'	20°44'
17.06.2056	86°34'	129°26'	135°55'	72°59'	92°23'	39°44'	311°18'	20°49'
18.06.2056	87°31'	142°28'	149°04'	74°57'	93°37'	40°28'	311°14'	20°53'
19.06.2056	88°28'	155°45'	162°30'	76°58'	94°51'	41°12'	311°10'	20°58'
20.06.2056	89°25'	169°19'	176°13'	79°01'	96°04'	41°56'	311°06'	21°02'
21.06.2056	90°23'	183°12'	190°14'	81°05'	97°18'	42°40'	311°02'	21°06'
22.06.2056	91°20'	197°21'	204°32'	83°11'	98°32'	43°24'	310°58'	21°10'
23.06.2056	92°17'	211°47'	219°05'	85°19'	99°45'	44°07'	310°54'	21°14'
24.06.2056	93°14'	226°25'	233°47'	87°28'	100°59'	44°51'	310°49'	21°18'

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25.06.2056	94°12'	241°10'	248°33'	89°38'	102°13'	45°35'	310°45'	21°22'
26.06.2056	95°09'	255°56'	263°16'	91°49'	103°26'	46°18'	310°40'	21°26'
27.06.2056	96°06'	270°34'	277°49'	94°00'	104°40'	47°02'	310°35'	21°30'
28.06.2056	97°03'	284°59'	292°04'	96°11'	105°54'	47°45'	310°30'	21°33'
29.06.2056	98°00'	299°05'	305°59'	98°22'	107°07'	48°28'	310°24'	21°37'
30.06.2056	98°58'	312°48'	319°31'	100°33'	108°21'	49°12'	310°19'	21°40'
01.07.2056	99°55'	326°07'	332°39'	102°43'	109°35'	49°55'	310°13'	21°43'
02.07.2056	100°52'	339°04'	345°24'	104°52'	110°48'	50°38'	310°08'	21°47'
03.07.2056	101°49'	351°40'	357°51'	107°00'	112°02'	51°21'	310°02'	21°50'
04.07.2056	102°46'	3°59'	12°03'	109°07'	113°16'	52°04'	309°56'	21°53'
05.07.2056	103°44'	16°04'	22°03'	111°12'	114°29'	52°47'	309°50'	21°56'
06.07.2056	104°41'	28°01'	33°57'	113°16'	115°43'	53°30'	309°43'	21°59'
07.07.2056	105°38'	39°53'	45°50'	115°18'	116°57'	54°12'	309°37'	22°02'
08.07.2056	106°35'	51°46'	57°44'	117°19'	118°10'	54°55'	309°31'	22°04'
09.07.2056	107°32'	63°43'	69°44'	119°17'	119°24'	55°38'	309°24'	22°07'
10.07.2056	108°30'	75°47'	81°53'	121°14'	120°38'	56°20'	309°17'	22°09'
11.07.2056	109°27'	88°02'	94°14'	123°09'	121°51'	57°03'	309°11'	22°12'
12.07.2056	110°24'	100°29'	106°47'	125°02'	123°05'	57°45'	309°04'	22°14'
13.07.2056	111°21'	113°10'	119°35'	126°54'	124°19'	58°27'	308°57'	22°16'
14.07.2056	112°19'	126°05'	132°37'	128°43'	125°32'	59°10'	308°50'	22°19'
15.07.2056	113°16'	139°14'	145°54'	130°30'	126°46'	59°52'	308°42'	22°21'
16.07.2056	114°13'	152°37'	159°24'	132°16'	128°00'	60°34'	308°35'	22°22'
17.07.2056	115°10'	166°14'	173°07'	133°59'	129°13'	61°16'	308°28'	22°24'
18.07.2056	116°08'	180°03'	187°01'	135°41'	130°27'	61°58'	308°20'	22°26'
19.07.2056	117°05'	194°02'	201°05'	137°21'	131°41'	62°40'	308°13'	22°28'
20.07.2056	118°02'	208°10'	215°17'	138°59'	132°54'	63°21'	308°05'	22°29'
21.07.2056	118°59'	222°25'	229°35'	140°35'	134°08'	64°03'	307°58'	22°31'
22.07.2056	119°57'	236°45'	243°55'	142°09'	135°22'	64°44'	307°50'	22°32'
23.07.2056	120°54'	251°05'	258°15'	143°41'	136°35'	65°26'	307°43'	22°33'
24.07.2056	121°51'	265°24'	272°31'	145°11'	137°49'	66°07'	307°35'	22°34'
25.07.2056	122°49'	279°36'	286°38'	146°39'	139°02'	66°49'	307°27'	22°35'
26.07.2056	123°46'	293°37'	300°33'	148°06'	140°16'	67°30'	307°20'	22°36'
27.07.2056	124°43'	307°25'	314°13'	149°30'	141°30'	68°11'	307°12'	22°37'
28.07.2056	125°40'	320°56'	327°34'	150°52'	142°43'	68°52'	307°04'	22°38'
29.07.2056	126°38'	334°08'	340°37'	152°13'	143°57'	69°33'	306°56'	22°38'
30.07.2056	127°35'	347°02'	353°21'	153°31'	145°10'	70°14'	306°48'	22°39'
31.07.2056	128°32'	359°37'	5°48'	154°47'	146°24'	70°55'	306°41'	22°39'
01.08.2056	129°30'	11°56'	18°01'	156°01'	147°37'	71°35'	306°33'	22°40'
02.08.2056	130°27'	24°02'	30°02'	157°13'	148°51'	72°16'	306°25'	22°40'
03.08.2056	131°25'	36°00'	41°57'	158°22'	150°04'	72°56'	306°17'	22°40'
04.08.2056	132°22'	47°53'	53°49'	159°29'	151°18'	73°37'	306°10'	22°40'
05.08.2056	133°20'	59°46'	65°44'	160°33'	152°31'	74°17'	306°02'	22°40'
06.08.2056	134°17'	71°44'	77°46'	161°35'	153°45'	74°57'	305°54'	22°39'
07.08.2056	135°14'	83°51'	90°00'	162°34'	154°59'	75°37'	305°47'	22°39'
08.08.2056	136°12'	96°12'	102°29'	163°31'	156°12'	76°17'	305°39'	22°39'
09.08.2056	137°10'	108°50'	115°15'	164°24'	157°26'	76°57'	305°32'	22°38'
10.08.2056	138°07'	121°45'	128°21'	165°14'	158°39'	77°37'	305°24'	22°38'
11.08.2056	139°05'	135°01'	141°45'	166°01'	159°53'	78°17'	305°17'	22°37'
12.08.2056	140°02'	148°34'	155°28'	166°45'	161°06'	78°57'	305°10'	22°36'
13.08.2056	141°00'	162°24'	169°25'	167°24'	162°19'	79°36'	305°02'	22°35'
14.08.2056	141°57'	176°28'	183°33'	168°01'	163°33'	80°16'	304°55'	22°34'
15.08.2056	142°55'	190°40'	197°48'	168°33'	164°46'	80°55'	304°48'	22°33'
16.08.2056	143°53'	204°56'	212°05'	169°00'	166°00'	81°34'	304°41'	22°32'
17.08.2056	144°50'	219°14'	226°21'	169°24'	167°13'	82°13'	304°34'	22°30'
18.08.2056	145°48'	233°28'	240°33'	169°42'	168°27'	82°52'	304°27'	22°29'

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19.08.2056	146°46'	247°37'	254°40'	169°56'	169°40'	83°31'	304°21'	22°27'
20.08.2056	147°44'	261°40'	268°38'	170°05'	170°53'	84°10'	304°14'	22°26'
21.08.2056	148°41'	275°35'	282°29'	170°08'	172°07'	84°48'	304°08'	22°24'
22.08.2056	149°39'	289°20'	296°09'	170°05'	173°20'	85°27'	304°01'	22°22'
23.08.2056	150°37'	302°55'	309°39'	169°57'	174°34'	86°05'	303°55'	22°20'
24.08.2056	151°35'	316°19'	322°57'	169°43'	175°47'	86°44'	303°49'	22°18'
25.08.2056	152°33'	329°31'	336°01'	169°23'	177°00'	87°22'	303°43'	22°16'
26.08.2056	153°30'	342°28'	348°52'	168°57'	178°13'	88°00'	303°37'	22°14'
27.08.2056	154°28'	355°12'	1°28'	168°26'	179°27'	88°38'	303°32'	22°11'
28.08.2056	155°26'	7°40'	13°50'	167°49'	180°40'	89°16'	303°26'	22°09'
29.08.2056	156°24'	19°56'	25°59'	167°07'	181°53'	89°53'	303°21'	22°07'
30.08.2056	157°22'	32°00'	37°59'	166°20'	183°06'	90°31'	303°15'	22°04'
31.08.2056	158°20'	43°56'	49°53'	165°29'	184°20'	91°09'	303°10'	22°01'
01.09.2056	159°18'	55°48'	61°44'	164°35'	185°33'	91°46'	303°05'	21°59'
02.09.2056	160°16'	67°40'	73°37'	163°39'	186°46'	92°23'	303°01'	21°56'
03.09.2056	161°14'	79°37'	85°38'	162°41'	187°59'	93°00'	302°56'	21°53'
04.09.2056	162°12'	91°43'	97°52'	161°44'	189°12'	93°37'	302°52'	21°50'
05.09.2056	163°11'	104°06'	110°24'	160°48'	190°25'	94°14'	302°47'	21°47'
06.09.2056	164°09'	116°47'	123°17'	159°55'	191°39'	94°51'	302°43'	21°44'
07.09.2056	165°07'	129°52'	136°33'	159°05'	192°52'	95°27'	302°39'	21°40'
08.09.2056	166°05'	143°21'	150°15'	158°20'	194°05'	96°04'	302°35'	21°37'
09.09.2056	167°03'	157°15'	164°20'	157°42'	195°18'	96°40'	302°32'	21°34'
10.09.2056	168°02'	171°29'	178°43'	157°10'	196°31'	97°16'	302°28'	21°30'
11.09.2056	169°00'	186°00'	193°19'	156°46'	197°44'	97°52'	302°25'	21°27'
12.09.2056	169°58'	200°40'	208°00'	156°31'	198°57'	98°28'	302°22'	21°23'
13.09.2056	170°57'	215°21'	222°39'	156°25'	200°10'	99°04'	302°19'	21°19'
14.09.2056	171°55'	229°56'	237°10'	156°28'	201°23'	99°39'	302°16'	21°15'
15.09.2056	172°54'	244°21'	251°28'	156°40'	202°36'	100°15'	302°14'	21°12'
16.09.2056	173°52'	258°32'	265°31'	157°02'	203°49'	100°50'	302°12'	21°08'
17.09.2056	174°51'	272°27'	279°19'	157°32'	205°02'	101°25'	302°10'	21°04'
18.09.2056	175°49'	286°07'	292°52'	158°12'	206°15'	102°00'	302°08'	21°00'
19.09.2056	176°48'	299°34'	306°12'	159°00'	207°28'	102°35'	302°06'	20°56'
20.09.2056	177°46'	312°47'	319°19'	159°55'	208°40'	103°10'	302°04'	20°52'
21.09.2056	178°45'	325°48'	332°15'	160°58'	209°53'	103°44'	302°03'	20°47'
22.09.2056	179°44'	338°39'	345°00'	162°08'	211°06'	104°18'	302°02'	20°43'
23.09.2056	180°42'	351°18'	357°34'	163°25'	212°19'	104°52'	302°01'	20°39'
24.09.2056	181°41'	3°47'	9°58'	164°46'	213°32'	105°26'	302°00'	20°35'
25.09.2056	182°40'	16°06'	22°11'	166°13'	214°44'	106°00'	302°00'	20°30'
26.09.2056	183°39'	28°14'	34°15'	167°44'	215°57'	106°34'	301°59'	20°26'
27.09.2056	184°37'	40°14'	46°11'	169°18'	217°10'	107°07'	301°59'	20°21'
28.09.2056	185°36'	52°07'	58°02'	170°56'	218°22'	107°40'	301°59'	20°17'
29.09.2056	186°35'	63°56'	69°51'	172°36'	219°35'	108°14'	301°59'	20°12'
30.09.2056	187°34'	75°46'	81°42'	174°18'	220°47'	108°46'	302°00'	20°08'
01.10.2056	188°33'	87°40'	93°41'	176°02'	222°00'	109°19'	302°00'	20°03'
02.10.2056	189°32'	99°44'	105°52'	177°47'	223°13'	109°52'	302°01'	19°59'
03.10.2056	190°31'	112°04'	118°21'	179°33'	224°25'	110°24'	302°02'	19°54'
04.10.2056	191°30'	124°43'	131°12'	181°19'	225°38'	110°56'	302°03'	19°49'
05.10.2056	192°29'	137°48'	144°31'	183°06'	226°50'	111°28'	302°05'	19°45'
06.10.2056	193°28'	151°21'	158°18'	184°53'	228°03'	112°00'	302°06'	19°40'
07.10.2056	194°28'	165°22'	172°34'	186°40'	229°15'	112°31'	302°08'	19°35'
08.10.2056	195°27'	179°51'	187°14'	188°27'	230°27'	113°02'	302°10'	19°30'
09.10.2056	196°26'	194°41'	202°11'	190°14'	231°40'	113°33'	302°12'	19°26'
10.10.2056	197°25'	209°43'	217°16'	192°00'	232°52'	114°04'	302°14'	19°21'
11.10.2056	198°25'	224°48'	232°18'	193°46'	234°04'	114°35'	302°17'	19°16'
12.10.2056	199°24'	239°46'	247°10'	195°31'	235°17'	115°05'	302°20'	19°12'

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13.10.2056	200°23'	254°29'	261°43'	197°16'	236°29'	115°35'	302°23'	19°07'
14.10.2056	201°23'	268°51'	275°54'	199°00'	237°41'	116°05'	302°26'	19°02'
15.10.2056	202°22'	282°52'	289°44'	200°43'	238°53'	116°35'	302°29'	18°57'
16.10.2056	203°22'	296°30'	303°12'	202°26'	240°05'	117°04'	302°33'	18°53'
17.10.2056	204°21'	309°48'	316°21'	204°08'	241°18'	117°33'	302°36'	18°48'
18.10.2056	205°21'	322°49'	329°14'	205°50'	242°30'	118°02'	302°40'	18°43'
19.10.2056	206°20'	335°35'	341°53'	207°31'	243°42'	118°31'	302°44'	18°38'
20.10.2056	207°20'	348°09'	354°22'	209°11'	244°54'	118°59'	302°48'	18°34'
21.10.2056	208°19'	0°32'	6°40'	210°50'	246°06'	119°27'	302°53'	18°29'
22.10.2056	209°19'	12°47'	18°51'	212°29'	247°17'	119°55'	302°57'	18°24'
23.10.2056	210°19'	24°54'	30°55'	214°08'	248°29'	120°22'	303°02'	18°20'
24.10.2056	211°19'	36°54'	42°52'	215°46'	249°41'	120°50'	303°07'	18°15'
25.10.2056	212°18'	48°49'	54°44'	217°23'	250°53'	121°17'	303°12'	18°11'
26.10.2056	213°18'	60°39'	66°34'	218°59'	252°05'	121°43'	303°18'	18°06'
27.10.2056	214°18'	72°28'	78°22'	220°35'	253°16'	122°09'	303°23'	18°02'
28.10.2056	215°18'	84°17'	90°13'	222°11'	254°28'	122°35'	303°29'	17°57'
29.10.2056	216°18'	96°11'	102°11'	223°46'	255°39'	123°01'	303°34'	17°53'
30.10.2056	217°18'	108°14'	114°20'	225°21'	256°51'	123°27'	303°40'	17°49'
31.10.2056	218°17'	120°30'	126°45'	226°55'	258°02'	123°52'	303°47'	17°44'
01.11.2056	219°17'	133°06'	139°32'	228°28'	259°14'	124°16'	303°53'	17°40'
02.11.2056	220°18'	146°05'	152°44'	230°01'	260°25'	124°41'	303°59'	17°36'
03.11.2056	221°18'	159°32'	166°26'	231°34'	261°37'	125°05'	304°06'	17°32'
04.11.2056	222°18'	173°29'	180°38'	233°07'	262°48'	125°28'	304°13'	17°28'
05.11.2056	223°18'	187°55'	195°18'	234°38'	263°59'	125°51'	304°20'	17°24'
06.11.2056	224°18'	202°47'	210°20'	236°10'	265°10'	126°14'	304°27'	17°20'
07.11.2056	225°18'	217°57'	225°36'	237°41'	266°21'	126°37'	304°34'	17°16'
08.11.2056	226°18'	233°15'	240°53'	239°12'	267°32'	126°59'	304°41'	17°12'
09.11.2056	227°19'	248°29'	256°02'	240°42'	268°43'	127°21'	304°49'	17°08'
10.11.2056	228°19'	263°30'	270°53'	242°12'	269°54'	127°42'	304°57'	17°04'
11.11.2056	229°19'	278°09'	285°20'	243°41'	271°05'	128°03'	305°04'	17°01'
12.11.2056	230°20'	292°23'	299°20'	245°10'	272°16'	128°23'	305°12'	16°57'
13.11.2056	231°20'	306°10'	312°54'	246°39'	273°27'	128°43'	305°21'	16°54'
14.11.2056	232°20'	319°32'	326°04'	248°07'	274°37'	129°03'	305°29'	16°50'
15.11.2056	233°21'	332°31'	338°54'	249°35'	275°48'	129°22'	305°37'	16°47'
16.11.2056	234°21'	345°11'	351°26'	251°02'	276°58'	129°40'	305°46'	16°44'
17.11.2056	235°22'	357°36'	3°44'	252°29'	278°09'	129°58'	305°55'	16°41'
18.11.2056	236°22'	9°50'	15°53'	253°55'	279°19'	130°16'	306°03'	16°37'
19.11.2056	237°23'	21°54'	27°54'	255°20'	280°29'	130°33'	306°12'	16°34'
20.11.2056	238°23'	33°52'	39°49'	256°45'	281°39'	130°50'	306°21'	16°32'
21.11.2056	239°24'	45°45'	51°41'	258°08'	282°49'	131°06'	306°31'	16°29'
22.11.2056	240°24'	57°37'	63°32'	259°31'	283°59'	131°21'	306°40'	16°26'
23.11.2056	241°25'	69°27'	75°22'	260°53'	285°09'	131°36'	306°50'	16°23'
24.11.2056	242°26'	81°18'	87°14'	262°14'	286°18'	131°51'	306°59'	16°21'
25.11.2056	243°26'	93°11'	99°10'	263°33'	287°28'	132°05'	307°09'	16°18'
26.11.2056	244°27'	105°10'	111°13'	264°51'	288°37'	132°18'	307°19'	16°16'
27.11.2056	245°28'	117°18'	123°26'	266°07'	289°47'	132°31'	307°29'	16°14'
28.11.2056	246°28'	129°37'	135°53'	267°21'	290°56'	132°43'	307°39'	16°12'
29.11.2056	247°29'	142°13'	148°38'	268°32'	292°05'	132°55'	307°49'	16°09'
30.11.2056	248°30'	155°08'	161°45'	269°41'	293°14'	133°06'	307°59'	16°07'
01.12.2056	249°31'	168°28'	175°17'	270°48'	294°23'	133°16'	308°10'	16°06'
02.12.2056	250°31'	182°13'	189°16'	271°50'	295°31'	133°26'	308°20'	16°04'
03.12.2056	251°32'	196°26'	203°42'	272°49'	296°40'	133°35'	308°31'	16°02'
04.12.2056	252°33'	211°04'	218°32'	273°43'	297°48'	133°44'	308°42'	16°01'
05.12.2056	253°34'	226°03'	233°38'	274°33'	298°57'	133°51'	308°52'	15°59'
06.12.2056	254°35'	241°14'	248°52'	275°16'	300°05'	133°58'	309°03'	15°58'

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07.12.2056	255°36'	256°28'	264°03'	275°53'	301°13'	134°05'	309°15'	15°56'
08.12.2056	256°37'	271°34'	279°02'	276°22'	302°20'	134°10'	309°26'	15°55'
09.12.2056	257°38'	286°24'	293°41'	276°43'	303°28'	134°15'	309°37'	15°54'
10.12.2056	258°39'	300°51'	307°54'	276°55'	304°36'	134°19'	309°48'	15°53'
11.12.2056	259°40'	314°50'	321°40'	276°58'	305°43'	134°22'	310°00'	15°53'
12.12.2056	260°41'	328°23'	334°59'	276°49'	306°50'	134°25'	310°11'	15°52'
13.12.2056	261°42'	341°29'	347°53'	276°29'	307°57'	134°27'	310°23'	15°51'
14.12.2056	262°43'	354°12'	0°27'	275°58'	309°03'	134°28'	310°35'	15°51'
15.12.2056	263°44'	6°37'	12°44'	275°15'	310°10'	134°28'	310°47'	15°50'
16.12.2056	264°45'	18°47'	24°48'	274°22'	311°16'	134°28'	310°58'	15°50'
17.12.2056	265°46'	30°47'	36°44'	273°18'	312°22'	134°26'	311°10'	15°50'
18.12.2056	266°47'	42°40'	48°35'	272°06'	313°27'	134°24'	311°23'	15°50'
19.12.2056	267°48'	54°30'	60°24'	270°48'	314°33'	134°21'	311°35'	15°50'
20.12.2056	268°49'	66°19'	72°15'	269°26'	315°38'	134°18'	311°47'	15°50'
21.12.2056	269°50'	78°12'	84°09'	268°03'	316°43'	134°13'	311°59'	15°50'
22.12.2056	270°51'	90°08'	96°09'	266°42'	317°48'	134°08'	312°12'	15°51'
23.12.2056	271°52'	102°11'	108°15'	265°26'	318°52'	134°01'	312°24'	15°51'
24.12.2056	272°53'	114°22'	120°30'	264°16'	319°56'	133°54'	312°37'	15°52'
25.12.2056	273°54'	126°42'	132°56'	263°14'	321°00'	133°47'	312°49'	15°53'
26.12.2056	274°56'	139°14'	145°35'	262°22'	322°03'	133°38'	313°02'	15°53'
27.12.2056	275°57'	152°00'	158°28'	261°41'	323°06'	133°28'	313°15'	15°54'
28.12.2056	276°58'	165°01'	171°39'	261°11'	324°09'	133°18'	313°28'	15°55'
29.12.2056	277°59'	178°21'	185°08'	260°50'	325°11'	133°07'	313°41'	15°57'
30.12.2056	279°00'	192°00'	198°57'	260°41'	326°13'	132°55'	313°53'	15°58'
31.12.2056	280°01'	205°59'	213°06'	260°40'	327°15'	132°42'	314°06'	15°59'
01.01.2057	281°02'	220°17'	227°33'	260°49'	328°16'	132°28'	314°20'	16°01'
02.01.2057	282°04'	234°53'	242°16'	261°06'	329°17'	132°14'	314°33'	16°02'
03.01.2057	283°05'	249°41'	257°08'	261°31'	330°18'	131°59'	314°46'	16°04'
04.01.2057	284°06'	264°36'	272°03'	262°02'	331°18'	131°43'	314°59'	16°06'
05.01.2057	285°07'	279°29'	286°52'	262°39'	332°17'	131°26'	315°13'	16°08'
06.01.2057	286°08'	294°12'	301°28'	263°22'	333°16'	131°09'	315°26'	16°10'
07.01.2057	287°10'	308°39'	315°44'	264°10'	334°15'	130°51'	315°39'	16°12'
08.01.2057	288°11'	322°44'	329°37'	265°02'	335°13'	130°32'	315°53'	16°14'
09.01.2057	289°12'	336°24'	343°04'	265°58'	336°11'	130°13'	316°06'	16°16'
10.01.2057	290°13'	349°38'	356°06'	266°58'	337°08'	129°53'	316°20'	16°19'
11.01.2057	291°14'	2°29'	8°46'	268°00'	338°04'	129°33'	316°34'	16°21'
12.01.2057	292°15'	14°58'	21°06'	269°05'	339°00'	129°12'	316°47'	16°24'
13.01.2057	293°16'	27°10'	33°11'	270°13'	339°56'	128°50'	317°01'	16°27'
14.01.2057	294°18'	39°10'	45°06'	271°23'	340°50'	128°28'	317°15'	16°30'
15.01.2057	295°19'	51°02'	56°56'	272°35'	341°44'	128°06'	317°28'	16°33'
16.01.2057	296°20'	62°51'	68°45'	273°49'	342°38'	127°43'	317°42'	16°36'
17.01.2057	297°21'	74°41'	80°38'	275°05'	343°30'	127°20'	317°56'	16°39'
18.01.2057	298°22'	86°36'	92°36'	276°22'	344°22'	126°57'	318°10'	16°42'
19.01.2057	299°23'	98°39'	104°45'	277°40'	345°13'	126°33'	318°24'	16°45'
20.01.2057	300°24'	110°53'	117°05'	279°00'	346°04'	126°10'	318°38'	16°49'
21.01.2057	301°25'	123°19'	129°37'	280°20'	346°53'	125°46'	318°52'	16°52'
22.01.2057	302°26'	135°59'	142°24'	281°42'	347°42'	125°22'	319°06'	16°56'
23.01.2057	303°27'	148°52'	155°24'	283°05'	348°29'	124°58'	319°20'	17°00'
24.01.2057	304°28'	161°59'	168°37'	284°29'	349°16'	124°34'	319°34'	17°03'
25.01.2057	305°29'	175°18'	182°03'	285°54'	350°02'	124°10'	319°48'	17°07'
26.01.2057	306°30'	188°51'	195°41'	287°20'	350°47'	123°46'	320°02'	17°11'
27.01.2057	307°31'	202°35'	209°31'	288°46'	351°30'	123°22'	320°17'	17°15'
28.01.2057	308°32'	216°31'	223°32'	290°14'	352°13'	122°58'	320°31'	17°20'
29.01.2057	309°33'	230°37'	237°43'	291°42'	352°54'	122°35'	320°45'	17°24'
30.01.2057	310°34'	244°52'	252°02'	293°11'	353°35'	122°12'	320°59'	17°28'

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31.01.2057	311°35'	259°14'	266°27'	294°41'	354°14'	121°49'	321°14'	17°33'
01.02.2057	312°36'	273°40'	280°54'	296°11'	354°52'	121°27'	321°28'	17°37'
02.02.2057	313°37'	288°06'	295°18'	297°43'	355°28'	121°04'	321°42'	17°42'
03.02.2057	314°38'	302°27'	309°34'	299°15'	356°03'	120°43'	321°56'	17°46'
04.02.2057	315°39'	316°38'	323°38'	300°47'	356°37'	120°22'	322°11'	17°51'
05.02.2057	316°40'	330°33'	337°24'	302°21'	357°09'	120°01'	322°25'	17°56'
06.02.2057	317°40'	344°10'	350°50'	303°55'	357°40'	119°41'	322°39'	18°01'
07.02.2057	318°41'	357°24'	3°54'	305°30'	358°09'	119°21'	322°54'	18°06'
08.02.2057	319°42'	10°17'	16°36'	307°06'	358°37'	119°02'	323°08'	18°11'
09.02.2057	320°43'	22°50'	28°59'	308°42'	359°02'	118°44'	323°22'	18°16'
10.02.2057	321°44'	35°05'	41°07'	310°19'	359°26'	118°26'	323°37'	18°21'
11.02.2057	322°44'	47°06'	53°03'	311°57'	359°48'	118°10'	323°51'	18°27'
12.02.2057	323°45'	58°58'	64°53'	313°36'	0°08'	117°53'	324°06'	18°32'
13.02.2057	324°46'	70°47'	76°42'	315°16'	0°27'	117°38'	324°20'	18°38'
14.02.2057	325°46'	82°38'	88°35'	316°57'	0°43'	117°23'	324°34'	18°43'
15.02.2057	326°47'	94°35'	100°38'	318°38'	0°57'	117°09'	324°49'	18°49'
16.02.2057	327°48'	106°43'	112°53'	320°20'	1°08'	116°56'	325°03'	18°54'
17.02.2057	328°48'	119°06'	125°24'	322°03'	1°18'	116°43'	325°17'	19°00'
18.02.2057	329°49'	131°46'	138°13'	323°47'	1°25'	116°31'	325°32'	19°06'
19.02.2057	330°49'	144°45'	151°21'	325°32'	1°30'	116°21'	325°46'	19°12'
20.02.2057	331°50'	158°01'	164°46'	327°18'	1°32'	116°10'	326°00'	19°18'
21.02.2057	332°50'	171°34'	178°26'	329°05'	1°32'	116°01'	326°15'	19°24'
22.02.2057	333°51'	185°21'	192°18'	330°53'	1°30'	115°52'	326°29'	19°30'
23.02.2057	334°51'	199°17'	206°18'	332°41'	1°25'	115°45'	326°43'	19°36'
24.02.2057	335°51'	213°21'	220°24'	334°31'	1°17'	115°38'	326°58'	19°42'
25.02.2057	336°52'	227°27'	234°31'	336°21'	1°07'	115°31'	327°12'	19°48'
26.02.2057	337°52'	241°35'	248°38'	338°12'	0°55'	115°26'	327°26'	19°54'
27.02.2057	338°52'	255°42'	262°45'	340°05'	0°40'	115°21'	327°40'	20°01'
28.02.2057	339°53'	269°47'	276°49'	341°58'	0°22'	115°17'	327°55'	20°07'
01.03.2057	340°53'	283°50'	290°50'	343°51'	0°02'	115°14'	328°09'	20°14'
02.03.2057	341°53'	297°48'	304°46'	345°46'	359°40'	115°12'	328°23'	20°20'
03.03.2057	342°53'	311°41'	318°35'	347°41'	359°16'	115°11'	328°37'	20°27'
04.03.2057	343°54'	325°26'	332°15'	349°36'	358°50'	115°10'	328°51'	20°33'
05.03.2057	344°54'	339°00'	345°42'	351°32'	358°21'	115°10'	329°06'	20°40'
06.03.2057	345°54'	352°20'	358°54'	353°28'	357°51'	115°10'	329°20'	20°47'
07.03.2057	346°54'	5°24'	11°49'	355°24'	357°19'	115°12'	329°34'	20°53'
08.03.2057	347°54'	18°10'	24°27'	357°19'	356°45'	115°14'	329°48'	21°00'
09.03.2057	348°54'	30°39'	36°48'	359°14'	356°11'	115°17'	330°02'	21°07'
10.03.2057	349°54'	42°53'	48°55'	1°08'	355°35'	115°20'	330°16'	21°14'
11.03.2057	350°54'	54°54'	60°51'	3°01'	354°58'	115°25'	330°30'	21°21'
12.03.2057	351°54'	66°46'	72°40'	4°52'	354°21'	115°30'	330°44'	21°28'
13.03.2057	352°54'	78°35'	84°29'	6°42'	353°43'	115°35'	330°58'	21°35'
14.03.2057	353°54'	90°25'	96°22'	8°28'	353°06'	115°41'	331°11'	21°42'
15.03.2057	354°54'	102°22'	108°24'	10°12'	352°28'	115°48'	331°25'	21°49'
16.03.2057	355°53'	114°31'	120°42'	11°53'	351°51'	115°56'	331°39'	21°56'
17.03.2057	356°53'	126°58'	133°19'	13°29'	351°14'	116°04'	331°53'	22°03'
18.03.2057	357°53'	139°45'	146°18'	15°01'	350°39'	116°13'	332°06'	22°10'
19.03.2057	358°53'	152°56'	159°41'	16°29'	350°04'	116°22'	332°20'	22°17'
20.03.2057	359°52'	166°31'	173°26'	17°50'	349°31'	116°32'	332°34'	22°24'
21.03.2057	0°52'	180°27'	187°32'	19°07'	349°00'	116°42'	332°47'	22°32'
22.03.2057	1°51'	194°40'	201°52'	20°16'	348°30'	116°53'	333°01'	22°39'
23.03.2057	2°51'	209°05'	216°20'	21°20'	348°02'	117°05'	333°14'	22°46'
24.03.2057	3°50'	223°35'	230°49'	22°16'	347°36'	117°17'	333°27'	22°54'
25.03.2057	4°50'	238°03'	245°15'	23°06'	347°12'	117°30'	333°41'	23°01'
26.03.2057	5°49'	252°25'	259°33'	23°48'	346°51'	117°43'	333°54'	23°08'

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27.03.2057	6°49'	266°39'	273°41'	24°23'	346°31'	117°56'	334°07'	23°16'
28.03.2057	7°48'	280°41'	287°39'	24°50'	346°15'	118°10'	334°20'	23°23'
29.03.2057	8°47'	294°33'	301°25'	25°09'	346°00'	118°25'	334°34'	23°31'
30.03.2057	9°47'	308°14'	315°01'	25°21'	345°49'	118°40'	334°47'	23°38'
31.03.2057	10°46'	321°45'	328°27'	25°26'	345°39'	118°55'	335°00'	23°46'
01.04.2057	11°45'	335°05'	341°42'	25°23'	345°32'	119°11'	335°13'	23°53'
02.04.2057	12°45'	348°15'	354°45'	25°13'	345°28'	119°28'	335°26'	24°01'
03.04.2057	13°44'	1°13'	7°37'	24°57'	345°26'	119°45'	335°38'	24°08'
04.04.2057	14°43'	13°58'	20°16'	24°34'	345°26'	120°02'	335°51'	24°16'
05.04.2057	15°42'	26°31'	32°42'	24°06'	345°29'	120°19'	336°04'	24°23'
06.04.2057	16°41'	38°50'	44°55'	23°32'	345°34'	120°37'	336°16'	24°31'
07.04.2057	17°40'	50°58'	56°57'	22°55'	345°41'	120°56'	336°29'	24°38'
08.04.2057	18°39'	62°55'	68°51'	22°14'	345°51'	121°15'	336°42'	24°46'
09.04.2057	19°38'	74°45'	80°39'	21°30'	346°02'	121°34'	336°54'	24°54'
10.04.2057	20°37'	86°32'	92°26'	20°45'	346°16'	121°54'	337°06'	25°01'
11.04.2057	21°36'	98°21'	104°18'	19°59'	346°32'	122°14'	337°19'	25°09'
12.04.2057	22°35'	110°17'	116°19'	19°13'	346°49'	122°34'	337°31'	25°16'
13.04.2057	23°34'	122°25'	128°35'	18°27'	347°09'	122°54'	337°43'	25°24'
14.04.2057	24°33'	134°51'	141°12'	17°44'	347°30'	123°15'	337°55'	25°32'
15.04.2057	25°32'	147°39'	154°13'	17°03'	347°54'	123°37'	338°07'	25°39'
16.04.2057	26°30'	160°54'	167°41'	16°25'	348°18'	123°58'	338°19'	25°47'
17.04.2057	27°29'	174°35'	181°36'	15°51'	348°45'	124°20'	338°31'	25°54'
18.04.2057	28°28'	188°43'	195°56'	15°20'	349°13'	124°43'	338°42'	26°02'
19.04.2057	29°26'	203°14'	210°36'	14°55'	349°43'	125°05'	338°54'	26°10'
20.04.2057	30°25'	218°01'	225°27'	14°34'	350°14'	125°28'	339°05'	26°17'
21.04.2057	31°23'	232°55'	240°22'	14°18'	350°46'	125°51'	339°17'	26°25'
22.04.2057	32°22'	247°47'	255°11'	14°07'	351°20'	126°14'	339°28'	26°32'
23.04.2057	33°20'	262°32'	269°49'	14°01'	351°56'	126°38'	339°39'	26°40'
24.04.2057	34°19'	277°02'	284°10'	14°00'	352°32'	127°02'	339°51'	26°48'
25.04.2057	35°17'	291°14'	298°14'	14°04'	353°10'	127°26'	340°02'	26°55'
26.04.2057	36°16'	305°08'	311°59'	14°13'	353°49'	127°51'	340°13'	27°03'
27.04.2057	37°14'	318°45'	325°27'	14°27'	354°29'	128°15'	340°24'	27°10'
28.04.2057	38°13'	332°04'	338°38'	14°46'	355°10'	128°40'	340°34'	27°18'
29.04.2057	39°11'	345°09'	351°36'	15°09'	355°52'	129°05'	340°45'	27°25'
30.04.2057	40°09'	358°00'	4°20'	15°36'	356°35'	129°31'	340°56'	27°33'
01.05.2057	41°08'	10°38'	16°53'	16°08'	357°19'	129°56'	341°06'	27°40'
02.05.2057	42°06'	23°05'	29°15'	16°43'	358°04'	130°22'	341°16'	27°48'
03.05.2057	43°04'	35°22'	41°27'	17°23'	358°50'	130°48'	341°27'	27°55'
04.05.2057	44°02'	47°29'	53°29'	18°06'	359°37'	131°15'	341°37'	28°03'
05.05.2057	45°00'	59°28'	65°25'	18°53'	0°24'	131°41'	341°47'	28°10'
06.05.2057	45°59'	71°20'	77°14'	19°43'	1°13'	132°08'	341°57'	28°18'
07.05.2057	46°57'	83°08'	89°01'	20°37'	2°02'	132°35'	342°07'	28°25'
08.05.2057	47°55'	94°54'	100°48'	21°33'	2°51'	133°02'	342°16'	28°32'
09.05.2057	48°53'	106°43'	112°40'	22°33'	3°42'	133°30'	342°26'	28°40'
10.05.2057	49°51'	118°39'	124°41'	23°36'	4°33'	133°57'	342°35'	28°47'
11.05.2057	50°49'	130°46'	136°56'	24°41'	5°24'	134°25'	342°45'	28°54'
12.05.2057	51°47'	143°10'	149°30'	25°49'	6°17'	134°53'	342°54'	29°01'
13.05.2057	52°45'	155°56'	162°28'	27°00'	7°10'	135°21'	343°03'	29°09'
14.05.2057	53°43'	169°07'	175°53'	28°14'	8°03'	135°49'	343°12'	29°16'
15.05.2057	54°41'	182°46'	189°46'	29°30'	8°57'	136°18'	343°21'	29°23'
16.05.2057	55°39'	196°53'	204°07'	30°48'	9°52'	136°46'	343°29'	29°30'
17.05.2057	56°36'	211°27'	218°52'	32°09'	10°47'	137°15'	343°38'	29°37'
18.05.2057	57°34'	226°21'	233°53'	33°33'	11°42'	137°44'	343°46'	29°44'
19.05.2057	58°32'	241°28'	249°03'	34°58'	12°38'	138°13'	343°55'	29°51'
20.05.2057	59°30'	256°37'	264°10'	36°26'	13°35'	138°43'	344°03'	29°58'

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21.05.2057	60°27'	271°41'	279°07'	37°57'	14°32'	139°12'	344°11'	30°05'
22.05.2057	61°25'	286°29'	293°46'	39°29'	15°29'	139°42'	344°19'	30°12'
23.05.2057	62°23'	300°58'	308°04'	41°04'	16°27'	140°11'	344°27'	30°19'
24.05.2057	63°20'	315°03'	321°57'	42°42'	17°25'	140°41'	344°34'	30°26'
25.05.2057	64°18'	328°45'	335°28'	44°21'	18°24'	141°11'	344°42'	30°33'
26.05.2057	65°16'	342°05'	348°36'	46°03'	19°23'	141°41'	344°49'	30°39'
27.05.2057	66°13'	355°03'	1°26'	47°47'	20°22'	142°12'	344°56'	30°46'
28.05.2057	67°11'	7°44'	13°59'	49°33'	21°22'	142°42'	345°03'	30°53'
29.05.2057	68°09'	20°10'	26°19'	51°22'	22°22'	143°13'	345°10'	30°59'
30.05.2057	69°06'	32°24'	38°27'	53°12'	23°22'	143°44'	345°17'	31°06'
31.05.2057	70°04'	44°28'	50°28'	55°05'	24°23'	144°15'	345°23'	31°12'
01.06.2057	71°01'	56°25'	62°21'	57°00'	25°24'	144°46'	345°30'	31°19'
02.06.2057	71°59'	68°17'	74°11'	58°58'	26°25'	145°17'	345°36'	31°25'
03.06.2057	72°56'	80°05'	85°58'	60°57'	27°26'	145°48'	345°42'	31°32'
04.06.2057	73°54'	91°51'	97°45'	62°59'	28°28'	146°19'	345°48'	31°38'
05.06.2057	74°51'	103°40'	109°35'	65°02'	29°30'	146°51'	345°54'	31°44'
06.06.2057	75°49'	115°32'	121°31'	67°07'	30°33'	147°23'	345°59'	31°51'
07.06.2057	76°46'	127°32'	133°36'	69°14'	31°35'	147°54'	346°05'	31°57'
08.06.2057	77°44'	139°43'	145°53'	71°22'	32°38'	148°26'	346°10'	32°03'
09.06.2057	78°41'	152°08'	158°28'	73°31'	33°41'	148°58'	346°15'	32°09'
10.06.2057	79°38'	164°52'	171°23'	75°42'	34°44'	149°31'	346°20'	32°15'
11.06.2057	80°36'	177°59'	184°42'	77°53'	35°48'	150°03'	346°25'	32°21'
12.06.2057	81°33'	191°31'	198°27'	80°05'	36°52'	150°35'	346°30'	32°27'
13.06.2057	82°30'	205°30'	212°39'	82°17'	37°55'	151°08'	346°34'	32°33'
14.06.2057	83°28'	219°55'	227°16'	84°29'	39°00'	151°40'	346°38'	32°38'
15.06.2057	84°25'	234°42'	242°12'	86°40'	40°04'	152°13'	346°42'	32°44'
16.06.2057	85°22'	249°45'	257°21'	88°51'	41°08'	152°46'	346°46'	32°50'
17.06.2057	86°20'	264°57'	272°33'	91°02'	42°13'	153°19'	346°50'	32°55'
18.06.2057	87°17'	280°08'	287°39'	93°11'	43°18'	153°52'	346°54'	33°01'
19.06.2057	88°14'	295°08'	302°31'	95°19'	44°23'	154°25'	346°57'	33°06'
20.06.2057	89°11'	309°49'	317°01'	97°26'	45°28'	154°58'	347°00'	33°12'
21.06.2057	90°09'	324°07'	331°07'	99°31'	46°34'	155°31'	347°03'	33°17'
22.06.2057	91°06'	337°59'	344°45'	101°34'	47°39'	156°05'	347°06'	33°22'
23.06.2057	92°03'	351°25'	357°58'	103°36'	48°45'	156°38'	347°09'	33°27'
24.06.2057	93°00'	4°25'	10°47'	105°35'	49°51'	157°12'	347°11'	33°32'
25.06.2057	93°58'	17°04'	23°17'	107°33'	50°57'	157°45'	347°13'	33°37'
26.06.2057	94°55'	29°25'	35°30'	109°29'	52°04'	158°19'	347°15'	33°42'
27.06.2057	95°52'	41°32'	47°32'	111°22'	53°10'	158°53'	347°17'	33°47'
28.06.2057	96°49'	53°29'	59°25'	113°13'	54°17'	159°27'	347°19'	33°52'
29.06.2057	97°47'	65°20'	71°14'	115°03'	55°23'	160°01'	347°21'	33°57'
30.06.2057	98°44'	77°07'	83°01'	116°50'	56°30'	160°35'	347°22'	34°01'
01.07.2057	99°41'	88°55'	94°49'	118°35'	57°37'	161°10'	347°23'	34°06'
02.07.2057	100°38'	100°44'	106°40'	120°17'	58°44'	161°44'	347°24'	34°11'
03.07.2057	101°36'	112°38'	118°37'	121°58'	59°51'	162°18'	347°25'	34°15'
04.07.2057	102°33'	124°38'	130°42'	123°36'	60°59'	162°53'	347°25'	34°19'
05.07.2057	103°30'	136°47'	142°56'	125°13'	62°06'	163°28'	347°26'	34°24'
06.07.2057	104°27'	149°08'	155°23'	126°47'	63°14'	164°02'	347°26'	34°28'
07.07.2057	105°24'	161°41'	168°04'	128°18'	64°21'	164°37'	347°26'	34°32'
08.07.2057	106°22'	174°31'	181°02'	129°48'	65°29'	165°12'	347°25'	34°36'
09.07.2057	107°19'	187°38'	194°19'	131°15'	66°37'	165°47'	347°25'	34°40'
10.07.2057	108°16'	201°06'	207°58'	132°41'	67°45'	166°22'	347°24'	34°44'
11.07.2057	109°13'	214°55'	221°58'	134°03'	68°53'	166°57'	347°23'	34°47'
12.07.2057	110°11'	229°06'	236°19'	135°24'	70°02'	167°32'	347°22'	34°51'
13.07.2057	111°08'	243°37'	250°59'	136°42'	71°10'	168°08'	347°21'	34°54'
14.07.2057	112°05'	258°25'	265°54'	137°58'	72°18'	168°43'	347°20'	34°58'

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15.07.2057	113°02'	273°24'	280°55'	139°11'	73°27'	169°19'	347°18'	35°01'
16.07.2057	113°59'	288°26'	295°56'	140°22'	74°36'	169°54'	347°16'	35°05'
17.07.2057	114°57'	303°24'	310°48'	141°30'	75°44'	170°30'	347°14'	35°08'
18.07.2057	115°54'	318°08'	325°22'	142°35'	76°53'	171°05'	347°12'	35°11'
19.07.2057	116°51'	332°31'	339°34'	143°38'	78°02'	171°41'	347°10'	35°14'
20.07.2057	117°48'	346°30'	353°19'	144°38'	79°11'	172°17'	347°07'	35°17'
21.07.2057	118°46'	0°02'	6°38'	145°34'	80°20'	172°53'	347°05'	35°20'
22.07.2057	119°43'	13°07'	19°31'	146°28'	81°30'	173°29'	347°02'	35°23'
23.07.2057	120°40'	25°48'	32°01'	147°19'	82°39'	174°05'	346°59'	35°25'
24.07.2057	121°37'	38°10'	44°14'	148°06'	83°49'	174°41'	346°55'	35°28'
25.07.2057	122°35'	50°15'	56°13'	148°49'	84°58'	175°17'	346°52'	35°30'
26.07.2057	123°32'	62°10'	68°04'	149°29'	86°08'	175°54'	346°48'	35°33'
27.07.2057	124°29'	73°58'	79°51'	150°05'	87°18'	176°30'	346°44'	35°35'
28.07.2057	125°27'	85°45'	91°39'	150°38'	88°27'	177°07'	346°40'	35°37'
29.07.2057	126°24'	97°34'	103°30'	151°06'	89°37'	177°43'	346°36'	35°39'
30.07.2057	127°21'	109°28'	115°29'	151°29'	90°47'	178°20'	346°32'	35°41'
31.07.2057	128°19'	121°31'	127°36'	151°48'	91°57'	178°56'	346°27'	35°43'
01.08.2057	129°16'	133°44'	139°54'	152°03'	93°08'	179°33'	346°22'	35°45'
02.08.2057	130°14'	146°08'	152°25'	152°13'	94°18'	180°10'	346°18'	35°46'
03.08.2057	131°11'	158°44'	165°07'	152°17'	95°28'	180°47'	346°13'	35°48'
04.08.2057	132°09'	171°34'	178°03'	152°17'	96°39'	181°24'	346°07'	35°49'
05.08.2057	133°06'	184°36'	191°13'	152°11'	97°49'	182°01'	346°02'	35°51'
06.08.2057	134°04'	197°53'	204°37'	152°00'	99°00'	182°38'	345°57'	35°52'
07.08.2057	135°01'	211°24'	218°15'	151°44'	100°10'	183°15'	345°51'	35°53'
08.08.2057	135°58'	225°10'	232°08'	151°22'	101°21'	183°53'	345°45'	35°54'
09.08.2057	136°56'	239°10'	246°16'	150°56'	102°32'	184°30'	345°39'	35°55'
10.08.2057	137°54'	253°25'	260°38'	150°24'	103°43'	185°07'	345°33'	35°56'
11.08.2057	138°51'	267°53'	275°11'	149°48'	104°54'	185°45'	345°27'	35°57'
12.08.2057	139°49'	282°30'	289°51'	149°08'	106°05'	186°22'	345°21'	35°57'
13.08.2057	140°46'	297°12'	304°33'	148°24'	107°16'	187°00'	345°14'	35°58'
14.08.2057	141°44'	311°53'	319°11'	147°38'	108°27'	187°38'	345°08'	35°58'
15.08.2057	142°41'	326°25'	333°36'	146°49'	109°38'	188°16'	345°01'	35°59'
16.08.2057	143°39'	340°42'	347°43'	145°59'	110°50'	188°53'	344°54'	35°59'
17.08.2057	144°37'	354°38'	1°27'	145°08'	112°01'	189°31'	344°47'	35°59'
18.08.2057	145°34'	8°10'	14°47'	144°18'	113°12'	190°09'	344°40'	35°59'
19.08.2057	146°32'	21°17'	27°42'	143°29'	114°24'	190°47'	344°33'	35°59'
20.08.2057	147°30'	34°01'	40°14'	142°43'	115°36'	191°25'	344°26'	35°59'
21.08.2057	148°27'	46°23'	52°28'	142°01'	116°47'	192°04'	344°19'	35°58'
22.08.2057	149°25'	58°29'	64°27'	141°23'	117°59'	192°42'	344°11'	35°58'
23.08.2057	150°23'	70°24'	76°18'	140°50'	119°11'	193°20'	344°04'	35°57'
24.08.2057	151°21'	82°12'	88°06'	140°24'	120°23'	193°59'	343°56'	35°57'
25.08.2057	152°19'	94°00'	99°55'	140°04'	121°35'	194°37'	343°49'	35°56'
26.08.2057	153°17'	105°52'	111°51'	139°51'	122°47'	195°16'	343°41'	35°55'
27.08.2057	154°15'	117°52'	123°57'	139°46'	123°59'	195°54'	343°33'	35°54'
28.08.2057	155°12'	130°04'	136°16'	139°49'	125°11'	196°33'	343°26'	35°53'
29.08.2057	156°10'	142°31'	148°49'	140°00'	126°23'	197°12'	343°18'	35°52'
30.08.2057	157°08'	155°12'	161°39'	140°19'	127°36'	197°51'	343°10'	35°51'
31.08.2057	158°06'	168°09'	174°43'	140°46'	128°48'	198°29'	343°02'	35°49'
01.09.2057	159°05'	181°20'	188°01'	141°21'	130°01'	199°08'	342°54'	35°48'
02.09.2057	160°03'	194°44'	201°31'	142°04'	131°13'	199°47'	342°46'	35°46'
03.09.2057	161°01'	208°19'	215°11'	142°55'	132°26'	200°27'	342°38'	35°45'
04.09.2057	161°59'	222°04'	228°59'	143°54'	133°38'	201°06'	342°30'	35°43'
05.09.2057	162°57'	235°56'	242°55'	144°59'	134°51'	201°45'	342°22'	35°41'
06.09.2057	163°55'	249°56'	256°58'	146°11'	136°04'	202°24'	342°15'	35°39'
07.09.2057	164°53'	264°02'	271°07'	147°29'	137°17'	203°04'	342°07'	35°37'

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08.09.2057	165°52'	278°13'	285°21'	148°52'	138°29'	203°43'	341°59'	35°35'
09.09.2057	166°50'	292°29'	299°38'	150°21'	139°42'	204°23'	341°51'	35°33'
10.09.2057	167°48'	306°46'	313°55'	151°54'	140°55'	205°02'	341°43'	35°30'
11.09.2057	168°46'	321°02'	328°08'	153°31'	142°08'	205°42'	341°35'	35°28'
12.09.2057	169°45'	335°12'	342°13'	155°12'	143°22'	206°21'	341°27'	35°25'
13.09.2057	170°43'	349°10'	356°03'	156°55'	144°35'	207°01'	341°20'	35°23'
14.09.2057	171°41'	2°52'	9°36'	158°41'	145°48'	207°41'	341°12'	35°20'
15.09.2057	172°40'	16°15'	22°48'	160°29'	147°01'	208°21'	341°04'	35°17'
16.09.2057	173°38'	29°16'	35°39'	162°18'	148°14'	209°01'	340°57'	35°14'
17.09.2057	174°37'	41°57'	48°10'	164°09'	149°28'	209°41'	340°49'	35°11'
18.09.2057	175°35'	54°18'	60°23'	166°00'	150°41'	210°21'	340°42'	35°08'
19.09.2057	176°34'	66°24'	72°22'	167°52'	151°55'	211°01'	340°34'	35°05'
20.09.2057	177°32'	78°19'	84°13'	169°44'	153°08'	211°41'	340°27'	35°02'
21.09.2057	178°31'	90°07'	96°01'	171°36'	154°22'	212°22'	340°20'	34°59'
22.09.2057	179°30'	101°56'	107°52'	173°28'	155°36'	213°02'	340°13'	34°55'
23.09.2057	180°28'	113°50'	119°50'	175°20'	156°49'	213°42'	340°06'	34°52'
24.09.2057	181°27'	125°53'	132°01'	177°11'	158°03'	214°23'	339°59'	34°48'
25.09.2057	182°26'	138°12'	144°28'	179°02'	159°17'	215°04'	339°52'	34°45'
26.09.2057	183°25'	150°48'	157°14'	180°52'	160°31'	215°44'	339°46'	34°41'
27.09.2057	184°24'	163°44'	170°20'	182°41'	161°45'	216°25'	339°39'	34°37'
28.09.2057	185°22'	177°00'	183°45'	184°29'	162°59'	217°06'	339°33'	34°34'
29.09.2057	186°21'	190°34'	197°27'	186°17'	164°13'	217°46'	339°26'	34°30'
30.09.2057	187°20'	204°24'	211°23'	188°04'	165°27'	218°27'	339°20'	34°26'
01.10.2057	188°19'	218°24'	225°27'	189°50'	166°41'	219°08'	339°14'	34°22'
02.10.2057	189°18'	232°32'	239°37'	191°35'	167°55'	219°49'	339°08'	34°18'
03.10.2057	190°17'	246°42'	253°47'	193°19'	169°09'	220°31'	339°02'	34°14'
04.10.2057	191°16'	260°52'	267°57'	195°03'	170°23'	221°12'	338°57'	34°09'
05.10.2057	192°15'	275°01'	282°04'	196°45'	171°38'	221°53'	338°51'	34°05'
06.10.2057	193°15'	289°07'	296°08'	198°27'	172°52'	222°34'	338°46'	34°01'
07.10.2057	194°14'	303°09'	310°08'	200°08'	174°06'	223°16'	338°41'	33°56'
08.10.2057	195°13'	317°06'	324°03'	201°48'	175°21'	223°57'	338°36'	33°52'
09.10.2057	196°12'	330°58'	337°50'	203°27'	176°35'	224°39'	338°31'	33°48'
10.10.2057	197°11'	344°41'	351°29'	205°06'	177°49'	225°20'	338°27'	33°43'
11.10.2057	198°11'	358°14'	4°55'	206°44'	179°04'	226°02'	338°22'	33°39'
12.10.2057	199°10'	11°34'	18°08'	208°21'	180°18'	226°43'	338°18'	33°34'
13.10.2057	200°09'	24°38'	31°04'	209°57'	181°33'	227°25'	338°14'	33°30'
14.10.2057	201°09'	37°26'	43°44'	211°33'	182°47'	228°07'	338°10'	33°25'
15.10.2057	202°08'	49°58'	56°08'	213°07'	184°02'	228°49'	338°06'	33°20'
16.10.2057	203°07'	62°14'	68°17'	214°42'	185°17'	229°31'	338°03'	33°16'
17.10.2057	204°07'	74°17'	80°14'	216°15'	186°31'	230°13'	338°00'	33°11'
18.10.2057	205°06'	86°10'	92°05'	217°48'	187°46'	230°55'	337°56'	33°06'
19.10.2057	206°06'	97°58'	103°52'	219°20'	189°01'	231°37'	337°54'	33°01'
20.10.2057	207°06'	109°46'	115°42'	220°52'	190°16'	232°19'	337°51'	32°57'
21.10.2057	208°05'	121°40'	127°40'	222°23'	191°30'	233°01'	337°48'	32°52'
22.10.2057	209°05'	133°43'	139°51'	223°54'	192°45'	233°44'	337°46'	32°47'
23.10.2057	210°05'	146°03'	152°20'	225°23'	194°00'	234°26'	337°44'	32°42'
24.10.2057	211°04'	158°43'	165°11'	226°53'	195°15'	235°09'	337°42'	32°38'
25.10.2057	212°04'	171°45'	178°26'	228°21'	196°30'	235°51'	337°40'	32°33'
26.10.2057	213°04'	185°12'	192°04'	229°49'	197°45'	236°34'	337°38'	32°28'
27.10.2057	214°04'	199°02'	206°05'	231°16'	199°00'	237°16'	337°37'	32°23'
28.10.2057	215°04'	213°13'	220°24'	232°43'	200°15'	237°59'	337°36'	32°18'
29.10.2057	216°04'	227°38'	234°54'	234°09'	201°30'	238°42'	337°35'	32°14'
30.10.2057	217°03'	242°12'	249°30'	235°34'	202°45'	239°25'	337°34'	32°09'
31.10.2057	218°03'	256°48'	264°05'	236°59'	204°00'	240°08'	337°33'	32°04'
01.11.2057	219°03'	271°21'	278°34'	238°23'	205°15'	240°51'	337°33'	31°59'

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02.11.2057	220°03'	285°45'	292°53'	239°46'	206°30'	241°34'	337°33'	31°55'
03.11.2057	221°04'	299°59'	307°01'	241°08'	207°45'	242°17'	337°33'	31°50'
04.11.2057	222°04'	313°59'	320°55'	242°29'	209°01'	243°00'	337°33'	31°45'
05.11.2057	223°04'	327°47'	334°36'	243°49'	210°16'	243°43'	337°34'	31°40'
06.11.2057	224°04'	341°22'	348°05'	245°08'	211°31'	244°26'	337°34'	31°36'
07.11.2057	225°04'	354°44'	1°20'	246°25'	212°46'	245°10'	337°35'	31°31'
08.11.2057	226°04'	7°53'	14°23'	247°41'	214°01'	245°53'	337°36'	31°27'
09.11.2057	227°04'	20°49'	27°12'	248°56'	215°16'	246°37'	337°38'	31°22'
10.11.2057	228°05'	33°32'	39°49'	250°09'	216°32'	247°20'	337°39'	31°18'
11.11.2057	229°05'	46°03'	52°13'	251°20'	217°47'	248°04'	337°41'	31°13'
12.11.2057	230°05'	58°21'	64°25'	252°29'	219°02'	248°47'	337°43'	31°09'
13.11.2057	231°06'	70°28'	76°27'	253°36'	220°17'	249°31'	337°45'	31°04'
14.11.2057	232°06'	82°25'	88°21'	254°39'	221°33'	250°15'	337°47'	31°00'
15.11.2057	233°06'	94°16'	100°10'	255°40'	222°48'	250°59'	337°50'	30°56'
16.11.2057	234°07'	106°03'	111°57'	256°38'	224°03'	251°42'	337°52'	30°52'
17.11.2057	235°07'	117°51'	123°46'	257°31'	225°19'	252°26'	337°55'	30°47'
18.11.2057	236°08'	129°43'	135°43'	258°20'	226°34'	253°10'	337°58'	30°43'
19.11.2057	237°08'	141°45'	147°51'	259°04'	227°49'	253°54'	338°02'	30°39'
20.11.2057	238°09'	154°02'	160°17'	259°43'	229°05'	254°39'	338°05'	30°35'
21.11.2057	239°09'	166°38'	173°05'	260°15'	230°20'	255°23'	338°09'	30°31'
22.11.2057	240°10'	179°38'	186°17'	260°41'	231°36'	256°07'	338°13'	30°27'
23.11.2057	241°10'	193°04'	199°57'	260°59'	232°51'	256°51'	338°17'	30°24'
24.11.2057	242°11'	206°57'	214°03'	261°08'	234°06'	257°36'	338°21'	30°20'
25.11.2057	243°12'	221°15'	228°32'	261°08'	235°22'	258°20'	338°25'	30°16'
26.11.2057	244°12'	235°54'	243°20'	260°58'	236°37'	259°04'	338°30'	30°13'
27.11.2057	245°13'	250°48'	258°18'	260°38'	237°53'	259°49'	338°35'	30°09'
28.11.2057	246°14'	265°48'	273°18'	260°07'	239°08'	260°34'	338°40'	30°06'
29.11.2057	247°15'	280°46'	288°12'	259°25'	240°24'	261°18'	338°45'	30°03'
30.11.2057	248°15'	295°35'	302°53'	258°32'	241°39'	262°03'	338°50'	29°59'
01.12.2057	249°16'	310°07'	317°16'	257°30'	242°55'	262°48'	338°56'	29°56'
02.12.2057	250°17'	324°20'	331°18'	256°19'	244°10'	263°32'	339°01'	29°53'
03.12.2057	251°18'	338°11'	344°59'	255°02'	245°25'	264°17'	339°07'	29°50'
04.12.2057	252°19'	351°42'	358°20'	253°40'	246°41'	265°02'	339°13'	29°47'
05.12.2057	253°20'	4°53'	11°22'	252°18'	247°56'	265°47'	339°19'	29°44'
06.12.2057	254°20'	17°46'	24°07'	250°56'	249°12'	266°32'	339°26'	29°42'
07.12.2057	255°21'	30°24'	36°38'	249°39'	250°27'	267°17'	339°32'	29°39'
08.12.2057	256°22'	42°49'	48°57'	248°28'	251°43'	268°02'	339°39'	29°37'
09.12.2057	257°23'	55°02'	61°05'	247°25'	252°58'	268°47'	339°46'	29°34'
10.12.2057	258°24'	67°07'	73°06'	246°33'	254°14'	269°33'	339°53'	29°32'
11.12.2057	259°25'	79°04'	85°00'	245°51'	255°29'	270°18'	340°00'	29°30'
12.12.2057	260°26'	90°56'	96°50'	245°21'	256°45'	271°03'	340°08'	29°27'
13.12.2057	261°27'	102°44'	108°38'	245°02'	258°00'	271°48'	340°15'	29°25'
14.12.2057	262°28'	114°32'	120°26'	244°54'	259°16'	272°34'	340°23'	29°23'
15.12.2057	263°29'	126°21'	132°18'	244°56'	260°31'	273°19'	340°31'	29°22'
16.12.2057	264°30'	138°16'	144°16'	245°08'	261°47'	274°05'	340°39'	29°20'
17.12.2057	265°31'	150°18'	156°24'	245°28'	263°02'	274°50'	340°47'	29°18'
18.12.2057	266°32'	162°34'	168°47'	245°57'	264°18'	275°36'	340°55'	29°17'
19.12.2057	267°33'	175°05'	181°29'	246°32'	265°33'	276°22'	341°03'	29°15'
20.12.2057	268°34'	187°58'	194°33'	247°14'	266°49'	277°07'	341°12'	29°14'
21.12.2057	269°35'	201°15'	208°03'	248°02'	268°04'	277°53'	341°21'	29°13'
22.12.2057	270°36'	214°58'	222°00'	248°55'	269°20'	278°39'	341°30'	29°12'
23.12.2057	271°37'	229°09'	236°24'	249°52'	270°35'	279°25'	341°39'	29°11'
24.12.2057	272°39'	243°45'	251°11'	250°53'	271°51'	280°10'	341°48'	29°10'
25.12.2057	273°40'	258°42'	266°16'	251°57'	273°06'	280°56'	341°57'	29°09'
26.12.2057	274°41'	273°52'	281°29'	253°04'	274°22'	281°42'	342°06'	29°09'

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27.12.2057	275°42'	289°06'	296°41'	254°14'	275°38'	282°28'	342°16'	29°08'
28.12.2057	276°43'	304°14'	311°43'	255°26'	276°53'	283°14'	342°26'	29°08'
29.12.2057	277°44'	319°07'	326°26'	256°41'	278°09'	284°01'	342°35'	29°07'
30.12.2057	278°45'	333°39'	340°45'	257°57'	279°24'	284°47'	342°45'	29°07'
31.12.2057	279°47'	347°44'	354°36'	259°15'	280°40'	285°33'	342°55'	29°07'
01.01.2058	280°48'	1°22'	8°01'	260°34'	281°55'	286°19'	343°05'	29°07'
02.01.2058	281°49'	14°34'	21°01'	261°54'	283°11'	287°05'	343°16'	29°07'
03.01.2058	282°50'	27°23'	33°39'	263°16'	284°26'	287°52'	343°26'	29°07'
04.01.2058	283°51'	39°52'	46°00'	264°39'	285°42'	288°38'	343°37'	29°08'
05.01.2058	284°52'	52°05'	58°08'	266°02'	286°57'	289°24'	343°47'	29°08'
06.01.2058	285°54'	64°08'	70°06'	267°27'	288°13'	290°11'	343°58'	29°09'
07.01.2058	286°55'	76°02'	81°57'	268°52'	289°28'	290°57'	344°09'	29°09'
08.01.2058	287°56'	87°52'	93°46'	270°18'	290°43'	291°43'	344°20'	29°10'
09.01.2058	288°57'	99°40'	105°34'	271°45'	291°59'	292°30'	344°31'	29°11'
10.01.2058	289°58'	111°28'	117°23'	273°13'	293°14'	293°16'	344°42'	29°12'
11.01.2058	290°59'	123°19'	129°16'	274°41'	294°30'	294°03'	344°53'	29°13'
12.01.2058	292°00'	135°15'	141°14'	276°09'	295°45'	294°50'	345°05'	29°15'
13.01.2058	293°01'	147°16'	153°20'	277°39'	297°01'	295°36'	345°16'	29°16'
14.01.2058	294°02'	159°26'	165°34'	279°08'	298°16'	296°23'	345°28'	29°17'
15.01.2058	295°04'	171°46'	178°01'	280°39'	299°32'	297°10'	345°39'	29°19'
16.01.2058	296°05'	184°19'	190°42'	282°10'	300°47'	297°56'	345°51'	29°21'
17.01.2058	297°06'	197°09'	203°41'	283°41'	302°02'	298°43'	346°03'	29°23'
18.01.2058	298°07'	210°18'	217°01'	285°13'	303°18'	299°30'	346°15'	29°24'
19.01.2058	299°08'	223°49'	230°44'	286°45'	304°33'	300°17'	346°27'	29°26'
20.01.2058	300°09'	237°45'	244°51'	288°18'	305°49'	301°04'	346°39'	29°29'
21.01.2058	301°10'	252°04'	259°23'	289°52'	307°04'	301°50'	346°51'	29°31'
22.01.2058	302°11'	266°47'	274°15'	291°26'	308°19'	302°37'	347°03'	29°33'
23.01.2058	303°12'	281°48'	289°22'	293°01'	309°35'	303°24'	347°16'	29°36'
24.01.2058	304°13'	296°59'	304°35'	294°36'	310°50'	304°11'	347°28'	29°38'
25.01.2058	305°14'	312°11'	319°44'	296°12'	312°06'	304°58'	347°41'	29°41'
26.01.2058	306°15'	327°13'	334°38'	297°49'	313°21'	305°45'	347°53'	29°43'
27.01.2058	307°16'	341°57'	349°09'	299°26'	314°36'	306°32'	348°06'	29°46'
28.01.2058	308°17'	356°15'	3°13'	301°03'	315°52'	307°19'	348°19'	29°49'
29.01.2058	309°18'	10°04'	16°48'	302°42'	317°07'	308°06'	348°31'	29°52'
30.01.2058	310°19'	23°24'	29°54'	304°21'	318°22'	308°53'	348°44'	29°55'
31.01.2058	311°20'	36°17'	42°34'	306°00'	319°37'	309°41'	348°57'	29°59'
01.02.2058	312°21'	48°46'	54°54'	307°41'	320°53'	310°28'	349°10'	30°02'
02.02.2058	313°22'	60°58'	66°58'	309°22'	322°08'	311°15'	349°23'	30°05'
03.02.2058	314°23'	72°56'	78°52'	311°04'	323°23'	312°02'	349°37'	30°09'
04.02.2058	315°24'	84°46'	90°40'	312°46'	324°38'	312°49'	349°50'	30°13'
05.02.2058	316°25'	96°33'	102°26'	314°29'	325°54'	313°36'	350°03'	30°16'
06.02.2058	317°25'	108°20'	114°15'	316°13'	327°09'	314°24'	350°16'	30°20'
07.02.2058	318°26'	120°11'	126°09'	317°58'	328°24'	315°11'	350°30'	30°24'
08.02.2058	319°27'	132°08'	138°09'	319°44'	329°39'	315°58'	350°43'	30°28'
09.02.2058	320°28'	144°12'	150°18'	321°30'	330°54'	316°45'	350°57'	30°32'
10.02.2058	321°29'	156°26'	162°36'	323°17'	332°09'	317°32'	351°10'	30°36'
11.02.2058	322°29'	168°49'	175°04'	325°04'	333°25'	318°20'	351°24'	30°41'
12.02.2058	323°30'	181°22'	187°43'	326°53'	334°40'	319°07'	351°38'	30°45'
13.02.2058	324°31'	194°07'	200°34'	328°42'	335°55'	319°54'	351°51'	30°49'
14.02.2058	325°31'	207°04'	213°38'	330°31'	337°10'	320°42'	352°05'	30°54'
15.02.2058	326°32'	220°15'	226°57'	332°21'	338°25'	321°29'	352°19'	30°59'
16.02.2058	327°32'	233°43'	240°33'	334°11'	339°40'	322°16'	352°33'	31°03'
17.02.2058	328°33'	247°27'	254°27'	336°02'	340°55'	323°04'	352°47'	31°08'
18.02.2058	329°34'	261°31'	268°40'	337°53'	342°10'	323°51'	353°00'	31°13'
19.02.2058	330°34'	275°53'	283°11'	339°44'	343°25'	324°38'	353°14'	31°18'

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20.02.2058	331°35'	290°33'	297°57'	341°35'	344°40'	325°26'	353°28'	31°23'
21.02.2058	332°35'	305°24'	312°52'	343°25'	345°55'	326°13'	353°42'	31°28'
22.02.2058	333°36'	320°20'	327°47'	345°15'	347°10'	327°00'	353°57'	31°33'
23.02.2058	334°36'	335°12'	342°34'	347°03'	348°24'	327°48'	354°11'	31°38'
24.02.2058	335°37'	349°52'	357°04'	348°51'	349°39'	328°35'	354°25'	31°44'
25.02.2058	336°37'	4°11'	11°11'	350°36'	350°54'	329°22'	354°39'	31°49'
26.02.2058	337°37'	18°04'	24°50'	352°20'	352°09'	330°10'	354°53'	31°55'
27.02.2058	338°38'	31°29'	38°02'	354°01'	353°24'	330°57'	355°07'	32°00'
28.02.2058	339°38'	44°27'	50°47'	355°38'	354°39'	331°44'	355°22'	32°06'
01.03.2058	340°38'	57°01'	63°10'	357°12'	355°53'	332°32'	355°36'	32°12'
02.03.2058	341°39'	69°15'	75°17'	358°42'	357°08'	333°19'	355°50'	32°17'
03.03.2058	342°39'	81°15'	87°11'	0°07'	358°23'	334°07'	356°05'	32°23'
04.03.2058	343°39'	93°06'	98°59'	1°26'	359°37'	334°54'	356°19'	32°29'
05.03.2058	344°39'	104°53'	110°47'	2°40'	0°52'	335°41'	356°33'	32°35'
06.03.2058	345°39'	116°42'	122°38'	3°46'	2°07'	336°28'	356°48'	32°41'
07.03.2058	346°39'	128°36'	134°36'	4°46'	3°21'	337°16'	357°02'	32°47'
08.03.2058	347°39'	140°39'	146°45'	5°38'	4°36'	338°03'	357°17'	32°53'
09.03.2058	348°39'	152°54'	159°06'	6°22'	5°50'	338°50'	357°31'	32°59'
10.03.2058	349°39'	165°22'	171°40'	6°57'	7°05'	339°38'	357°46'	33°06'
11.03.2058	350°39'	178°02'	184°27'	7°24'	8°19'	340°25'	358°00'	33°12'
12.03.2058	351°39'	190°54'	197°25'	7°42'	9°33'	341°12'	358°15'	33°18'
13.03.2058	352°39'	203°59'	210°35'	7°52'	10°48'	341°59'	358°29'	33°25'
14.03.2058	353°39'	217°14'	223°56'	7°52'	12°02'	342°47'	358°44'	33°31'
15.03.2058	354°39'	230°40'	237°26'	7°44'	13°17'	343°34'	358°58'	33°38'
16.03.2058	355°38'	244°16'	251°08'	7°28'	14°31'	344°21'	359°13'	33°44'
17.03.2058	356°38'	258°03'	265°00'	7°04'	15°45'	345°08'	359°27'	33°51'
18.03.2058	357°38'	272°00'	279°04'	6°32'	16°59'	345°56'	359°42'	33°57'
19.03.2058	358°38'	286°09'	293°18'	5°55'	18°13'	346°43'	359°56'	34°04'
20.03.2058	359°37'	300°29'	307°41'	5°12'	19°28'	347°30'	0°11'	34°11'
21.03.2058	0°37'	314°55'	322°10'	4°25'	20°42'	348°17'	0°25'	34°18'
22.03.2058	1°37'	329°26'	336°40'	3°34'	21°56'	349°04'	0°40'	34°25'
23.03.2058	2°36'	343°53'	351°04'	2°41'	23°10'	349°51'	0°54'	34°32'
24.03.2058	3°36'	358°12'	5°16'	1°47'	24°24'	350°38'	1°09'	34°38'
25.03.2058	4°35'	12°16'	19°10'	0°54'	25°38'	351°26'	1°23'	34°45'
26.03.2058	5°35'	25°59'	32°42'	0°01'	26°52'	352°13'	1°38'	34°52'
27.03.2058	6°34'	39°20'	45°51'	359°11'	28°06'	353°00'	1°52'	35°00'
28.03.2058	7°34'	52°16'	58°37'	358°23'	29°20'	353°47'	2°07'	35°07'
29.03.2058	8°33'	64°51'	71°01'	357°40'	30°34'	354°34'	2°21'	35°14'
30.03.2058	9°32'	77°07'	83°10'	357°01'	31°47'	355°21'	2°36'	35°21'
31.03.2058	10°32'	89°09'	95°07'	356°26'	33°01'	356°08'	2°50'	35°28'
01.04.2058	11°31'	101°02'	106°57'	355°57'	34°15'	356°54'	3°05'	35°35'
02.04.2058	12°30'	112°51'	118°46'	355°34'	35°29'	357°41'	3°19'	35°43'
03.04.2058	13°29'	124°42'	130°40'	355°16'	36°42'	358°28'	3°34'	35°50'
04.04.2058	14°29'	136°40'	142°42'	355°04'	37°56'	359°15'	3°48'	35°57'
05.04.2058	15°28'	148°48'	154°57'	354°58'	39°09'	0°02'	4°02'	36°05'
06.04.2058	16°27'	161°10'	167°27'	354°57'	40°23'	0°49'	4°17'	36°12'
07.04.2058	17°26'	173°49'	180°15'	355°01'	41°36'	1°35'	4°31'	36°19'
08.04.2058	18°25'	186°45'	193°19'	355°11'	42°50'	2°22'	4°46'	36°27'
09.04.2058	19°24'	199°57'	206°39'	355°26'	44°03'	3°09'	5°00'	36°34'
10.04.2058	20°23'	213°24'	220°12'	355°46'	45°17'	3°55'	5°14'	36°42'
11.04.2058	21°22'	227°03'	233°57'	356°10'	46°30'	4°42'	5°28'	36°49'
12.04.2058	22°21'	240°53'	247°51'	356°39'	47°43'	5°28'	5°43'	36°57'
13.04.2058	23°19'	254°50'	261°50'	357°12'	48°56'	6°15'	5°57'	37°04'
14.04.2058	24°18'	268°52'	275°55'	357°49'	50°09'	7°02'	6°11'	37°12'
15.04.2058	25°17'	282°58'	290°02'	358°31'	51°23'	7°48'	6°25'	37°19'

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16.04.2058	26°16'	297°06'	304°11'	359°15'	52°36'	8°34'	6°39'	37°27'
17.04.2058	27°14'	311°16'	318°21'	0°04'	53°49'	9°21'	6°53'	37°34'
18.04.2058	28°13'	325°25'	332°29'	0°55'	55°02'	10°07'	7°07'	37°42'
19.04.2058	29°12'	339°31'	346°32'	1°50'	56°15'	10°54'	7°21'	37°50'
20.04.2058	30°10'	353°32'	0°29'	2°48'	57°27'	11°40'	7°35'	37°57'
21.04.2058	31°09'	7°23'	14°14'	3°48'	58°40'	12°26'	7°49'	38°05'
22.04.2058	32°08'	21°01'	27°44'	4°51'	59°53'	13°12'	8°03'	38°13'
23.04.2058	33°06'	34°23'	40°58'	5°58'	61°06'	13°59'	8°17'	38°20'
24.04.2058	34°05'	47°28'	53°53'	7°06'	62°19'	14°45'	8°31'	38°28'
25.04.2058	35°03'	60°14'	66°31'	8°17'	63°31'	15°31'	8°45'	38°36'
26.04.2058	36°02'	72°43'	78°52'	9°30'	64°44'	16°17'	8°58'	38°43'
27.04.2058	37°00'	84°57'	90°59'	10°46'	65°56'	17°03'	9°12'	38°51'
28.04.2058	37°59'	96°59'	102°56'	12°04'	67°09'	17°49'	9°26'	38°59'
29.04.2058	38°57'	108°52'	114°47'	13°24'	68°21'	18°35'	9°39'	39°06'
30.04.2058	39°55'	120°42'	126°38'	14°46'	69°34'	19°21'	9°53'	39°14'
01.05.2058	40°54'	132°34'	138°32'	16°10'	70°46'	20°07'	10°06'	39°22'
02.05.2058	41°52'	144°33'	150°36'	17°37'	71°58'	20°53'	10°20'	39°29'
03.05.2058	42°50'	156°43'	162°53'	19°05'	73°11'	21°38'	10°33'	39°37'
04.05.2058	43°48'	169°08'	175°28'	20°35'	74°23'	22°24'	10°46'	39°45'
05.05.2058	44°46'	181°52'	188°22'	22°08'	75°35'	23°10'	11°00'	39°52'
06.05.2058	45°45'	194°57'	201°37'	23°42'	76°47'	23°55'	11°13'	40°00'
07.05.2058	46°43'	208°23'	215°13'	25°18'	77°59'	24°41'	11°26'	40°08'
08.05.2058	47°41'	222°09'	229°08'	26°56'	79°11'	25°27'	11°39'	40°15'
09.05.2058	48°39'	236°11'	243°18'	28°36'	80°23'	26°12'	11°52'	40°23'
10.05.2058	49°37'	250°27'	257°38'	30°18'	81°34'	26°57'	12°05'	40°31'
11.05.2058	50°35'	264°50'	272°04'	32°02'	82°46'	27°43'	12°18'	40°38'
12.05.2058	51°33'	279°17'	286°30'	33°48'	83°58'	28°28'	12°31'	40°46'
13.05.2058	52°31'	293°43'	300°54'	35°36'	85°09'	29°14'	12°44'	40°54'
14.05.2058	53°29'	308°03'	315°10'	37°26'	86°21'	29°59'	12°56'	41°01'
15.05.2058	54°26'	322°16'	329°18'	39°17'	87°32'	30°44'	13°09'	41°09'
16.05.2058	55°24'	336°18'	343°16'	41°11'	88°44'	31°29'	13°22'	41°16'
17.05.2058	56°22'	350°10'	357°01'	43°07'	89°55'	32°14'	13°34'	41°24'
18.05.2058	57°20'	3°49'	10°34'	45°04'	91°07'	32°59'	13°46'	41°31'
19.05.2058	58°18'	17°15'	23°53'	47°04'	92°18'	33°44'	13°59'	41°39'
20.05.2058	59°16'	30°27'	36°58'	49°05'	93°29'	34°29'	14°11'	41°46'
21.05.2058	60°13'	43°25'	49°49'	51°08'	94°40'	35°14'	14°23'	41°54'
22.05.2058	61°11'	56°09'	62°26'	53°13'	95°51'	35°59'	14°35'	42°01'
23.05.2058	62°09'	68°40'	74°50'	55°19'	97°02'	36°44'	14°47'	42°08'
24.05.2058	63°07'	80°58'	87°02'	57°26'	98°13'	37°29'	14°59'	42°16'
25.05.2058	64°04'	93°05'	99°05'	59°35'	99°24'	38°13'	15°11'	42°23'
26.05.2058	65°02'	105°03'	110°59'	61°45'	100°35'	38°58'	15°23'	42°30'
27.05.2058	66°00'	116°55'	122°50'	63°56'	101°45'	39°43'	15°35'	42°38'
28.05.2058	66°57'	128°45'	134°40'	66°08'	102°56'	40°27'	15°46'	42°45'
29.05.2058	67°55'	140°37'	146°35'	68°20'	104°06'	41°12'	15°58'	42°52'
30.05.2058	68°52'	152°35'	158°38'	70°31'	105°17'	41°56'	16°09'	42°59'
31.05.2058	69°50'	164°44'	170°54'	72°43'	106°27'	42°41'	16°21'	43°07'
01.06.2058	70°48'	177°08'	183°27'	74°55'	107°37'	43°25'	16°32'	43°14'
02.06.2058	71°45'	189°51'	196°21'	77°05'	108°47'	44°09'	16°43'	43°21'
03.06.2058	72°43'	202°57'	209°39'	79°15'	109°58'	44°53'	16°54'	43°28'
04.06.2058	73°40'	216°27'	223°22'	81°24'	111°08'	45°37'	17°05'	43°35'
05.06.2058	74°37'	230°22'	237°28'	83°31'	112°17'	46°22'	17°16'	43°42'
06.06.2058	75°35'	244°39'	251°55'	85°36'	113°27'	47°06'	17°27'	43°49'
07.06.2058	76°32'	259°15'	266°38'	87°40'	114°37'	47°50'	17°38'	43°56'
08.06.2058	77°30'	274°03'	281°29'	89°42'	115°46'	48°33'	17°48'	44°03'
09.06.2058	78°27'	288°55'	296°21'	91°41'	116°56'	49°17'	17°59'	44°10'

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10.06.2058	79°24'	303°45'	311°07'	93°39'	118°05'	50°01'	18°09'	44°16'
11.06.2058	80°22'	318°25'	325°40'	95°34'	119°15'	50°45'	18°19'	44°23'
12.06.2058	81°19'	332°51'	339°57'	97°27'	120°24'	51°29'	18°29'	44°30'
13.06.2058	82°16'	346°58'	353°54'	99°17'	121°33'	52°12'	18°39'	44°36'
14.06.2058	83°14'	0°45'	7°32'	101°05'	122°42'	52°56'	18°49'	44°43'
15.06.2058	84°11'	14°13'	20°50'	102°51'	123°51'	53°39'	18°59'	44°50'
16.06.2058	85°08'	27°23'	33°51'	104°34'	125°00'	54°23'	19°09'	44°56'
17.06.2058	86°06'	40°15'	46°36'	106°15'	126°08'	55°06'	19°18'	45°03'
18.06.2058	87°03'	52°53'	59°07'	107°53'	127°17'	55°50'	19°28'	45°09'
19.06.2058	88°00'	65°19'	71°27'	109°29'	128°25'	56°33'	19°37'	45°15'
20.06.2058	88°58'	77°33'	83°37'	111°02'	129°34'	57°16'	19°46'	45°22'
21.06.2058	89°55'	89°39'	95°39'	112°32'	130°42'	57°59'	19°55'	45°28'
22.06.2058	90°52'	101°37'	107°34'	114°00'	131°50'	58°42'	20°04'	45°34'
23.06.2058	91°50'	113°31'	119°26'	115°26'	132°58'	59°25'	20°13'	45°40'
24.06.2058	92°47'	125°21'	131°16'	116°49'	134°06'	60°08'	20°22'	45°46'
25.06.2058	93°44'	137°11'	143°07'	118°09'	135°13'	60°51'	20°30'	45°52'
26.06.2058	94°41'	149°03'	155°01'	119°26'	136°21'	61°34'	20°39'	45°58'
27.06.2058	95°39'	161°01'	167°04'	120°41'	137°28'	62°17'	20°47'	46°04'
28.06.2058	96°36'	173°09'	179°18'	121°53'	138°36'	63°00'	20°55'	46°10'
29.06.2058	97°33'	185°31'	191°48'	123°02'	139°43'	63°42'	21°03'	46°16'
30.06.2058	98°30'	198°10'	204°38'	124°08'	140°50'	64°25'	21°11'	46°22'
01.07.2058	99°27'	211°11'	217°51'	125°11'	141°56'	65°07'	21°19'	46°27'
02.07.2058	100°25'	224°38'	231°31'	126°11'	143°03'	65°50'	21°26'	46°33'
03.07.2058	101°22'	238°31'	245°37'	127°07'	144°10'	66°32'	21°34'	46°38'
04.07.2058	102°19'	252°50'	260°09'	128°01'	145°16'	67°15'	21°41'	46°44'
05.07.2058	103°16'	267°34'	275°02'	128°51'	146°22'	67°57'	21°48'	46°49'
06.07.2058	104°13'	282°35'	290°09'	129°37'	147°28'	68°39'	21°55'	46°54'
07.07.2058	105°11'	297°45'	305°21'	130°20'	148°34'	69°21'	22°02'	47°00'
08.07.2058	106°08'	312°55'	320°27'	130°59'	149°39'	70°03'	22°09'	47°05'
09.07.2058	107°05'	327°56'	335°19'	131°34'	150°45'	70°45'	22°15'	47°10'
10.07.2058	108°02'	342°38'	349°50'	132°05'	151°50'	71°27'	22°22'	47°15'
11.07.2058	108°59'	356°56'	3°56'	132°32'	152°55'	72°09'	22°28'	47°20'
12.07.2058	109°57'	10°48'	17°35'	132°55'	154°00'	72°51'	22°34'	47°25'
13.07.2058	110°54'	24°15'	30°49'	133°13'	155°04'	73°33'	22°40'	47°30'
14.07.2058	111°51'	37°18'	43°41'	133°26'	156°09'	74°15'	22°46'	47°34'
15.07.2058	112°48'	50°00'	56°14'	133°35'	157°13'	74°56'	22°51'	47°39'
16.07.2058	113°46'	62°25'	68°32'	133°39'	158°17'	75°38'	22°57'	47°44'
17.07.2058	114°43'	74°37'	80°39'	133°38'	159°20'	76°20'	23°02'	47°48'
18.07.2058	115°40'	86°40'	92°38'	133°33'	160°24'	77°01'	23°07'	47°53'
19.07.2058	116°37'	98°36'	104°32'	133°22'	161°27'	77°42'	23°12'	47°57'
20.07.2058	117°35'	110°28'	116°23'	133°07'	162°30'	78°24'	23°17'	48°01'
21.07.2058	118°32'	122°18'	128°13'	132°47'	163°33'	79°05'	23°21'	48°05'
22.07.2058	119°29'	134°08'	140°04'	132°23'	164°35'	79°46'	23°25'	48°09'
23.07.2058	120°26'	146°00'	151°58'	131°55'	165°38'	80°27'	23°30'	48°13'
24.07.2058	121°24'	157°56'	163°56'	131°23'	166°40'	81°08'	23°34'	48°17'
25.07.2058	122°21'	169°57'	176°01'	130°47'	167°41'	81°49'	23°38'	48°21'
26.07.2058	123°18'	182°07'	188°17'	130°08'	168°43'	82°30'	23°41'	48°25'
27.07.2058	124°16'	194°29'	200°46'	129°27'	169°44'	83°11'	23°45'	48°28'
28.07.2058	125°13'	207°06'	213°32'	128°45'	170°44'	83°52'	23°48'	48°32'
29.07.2058	126°10'	220°02'	226°39'	128°01'	171°45'	84°33'	23°51'	48°36'
30.07.2058	127°08'	233°21'	240°10'	127°17'	172°45'	85°13'	23°54'	48°39'
31.07.2058	128°05'	247°06'	254°09'	126°34'	173°45'	85°54'	23°57'	48°42'
01.08.2058	129°02'	261°18'	268°34'	125°52'	174°44'	86°34'	23°59'	48°45'
02.08.2058	130°00'	275°55'	283°23'	125°12'	175°43'	87°15'	24°02'	48°48'
03.08.2058	130°57'	290°55'	298°31'	124°35'	176°41'	87°55'	24°04'	48°51'

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04.08.2058	131°55'	306°09'	313°48'	124°02'	177°40'	88°35'	24°06'	48°54'
05.08.2058	132°52'	321°27'	329°04'	123°33'	178°37'	89°16'	24°07'	48°57'
06.08.2058	133°50'	336°38'	344°08'	123°09'	179°35'	89°56'	24°09'	49°00'
07.08.2058	134°47'	351°33'	358°51'	122°51'	180°32'	90°36'	24°10'	49°03'
08.08.2058	135°44'	6°02'	13°06'	122°38'	181°28'	91°16'	24°12'	49°05'
09.08.2058	136°42'	20°03'	26°52'	122°31'	182°24'	91°56'	24°13'	49°08'
10.08.2058	137°39'	33°34'	40°09'	122°31'	183°20'	92°36'	24°13'	49°10'
11.08.2058	138°37'	46°38'	53°00'	122°38'	184°15'	93°16'	24°14'	49°12'
12.08.2058	139°35'	59°18'	65°30'	122°52'	185°09'	93°55'	24°14'	49°14'
13.08.2058	140°32'	71°38'	77°43'	123°13'	186°03'	94°35'	24°15'	49°16'
14.08.2058	141°30'	83°44'	89°44'	123°41'	186°57'	95°15'	24°15'	49°18'
15.08.2058	142°27'	95°41'	101°37'	124°16'	187°50'	95°54'	24°14'	49°20'
16.08.2058	143°25'	107°32'	113°27'	124°57'	188°42'	96°34'	24°14'	49°22'
17.08.2058	144°23'	119°22'	125°17'	125°46'	189°34'	97°13'	24°13'	49°23'
18.08.2058	145°20'	131°12'	137°08'	126°41'	190°25'	97°52'	24°13'	49°25'
19.08.2058	146°18'	143°05'	149°02'	127°43'	191°15'	98°32'	24°12'	49°26'
20.08.2058	147°16'	155°02'	161°02'	128°51'	192°05'	99°11'	24°10'	49°28'
21.08.2058	148°14'	167°04'	173°08'	130°06'	192°54'	99°50'	24°09'	49°29'
22.08.2058	149°11'	179°14'	185°22'	131°25'	193°42'	100°29'	24°07'	49°30'
23.08.2058	150°09'	191°32'	197°45'	132°51'	194°30'	101°08'	24°06'	49°31'
24.08.2058	151°07'	204°00'	210°19'	134°21'	195°17'	101°46'	24°04'	49°32'
25.08.2058	152°05'	216°41'	223°07'	135°56'	196°03'	102°25'	24°01'	49°33'
26.08.2058	153°03'	229°38'	236°13'	137°35'	196°48'	103°04'	23°59'	49°33'
27.08.2058	154°01'	242°53'	249°38'	139°17'	197°32'	103°43'	23°56'	49°34'
28.08.2058	154°59'	256°29'	263°27'	141°03'	198°15'	104°21'	23°54'	49°34'
29.08.2058	155°57'	270°30'	277°39'	142°52'	198°58'	105°00'	23°51'	49°35'
30.08.2058	156°54'	284°54'	292°14'	144°43'	199°39'	105°38'	23°47'	49°35'
31.08.2058	157°52'	299°39'	307°09'	146°36'	200°19'	106°16'	23°44'	49°35'
01.09.2058	158°50'	314°41'	322°16'	148°31'	200°58'	106°54'	23°41'	49°35'
02.09.2058	159°48'	329°51'	337°25'	150°26'	201°37'	107°32'	23°37'	49°35'
03.09.2058	160°47'	344°58'	352°28'	152°23'	202°13'	108°11'	23°33'	49°35'
04.09.2058	161°45'	359°52'	7°12'	154°19'	202°49'	108°49'	23°29'	49°34'
05.09.2058	162°43'	14°25'	21°32'	156°16'	203°24'	109°26'	23°25'	49°34'
06.09.2058	163°41'	28°31'	35°23'	158°13'	203°57'	110°04'	23°20'	49°34'
07.09.2058	164°39'	42°07'	48°45'	160°10'	204°28'	110°42'	23°16'	49°33'
08.09.2058	165°37'	55°15'	61°39'	162°06'	204°59'	111°20'	23°11'	49°32'
09.09.2058	166°35'	67°58'	74°11'	164°02'	205°28'	111°57'	23°06'	49°31'
10.09.2058	167°34'	80°19'	86°24'	165°56'	205°55'	112°35'	23°01'	49°30'
11.09.2058	168°32'	92°25'	98°24'	167°50'	206°21'	113°12'	22°56'	49°29'
12.09.2058	169°30'	104°21'	110°17'	169°44'	206°45'	113°49'	22°50'	49°28'
13.09.2058	170°29'	116°12'	122°06'	171°36'	207°07'	114°26'	22°45'	49°27'
14.09.2058	171°27'	128°01'	133°57'	173°27'	207°28'	115°04'	22°39'	49°26'
15.09.2058	172°26'	139°53'	145°51'	175°17'	207°47'	115°41'	22°33'	49°24'
16.09.2058	173°24'	151°51'	157°52'	177°06'	208°04'	116°18'	22°27'	49°23'
17.09.2058	174°23'	163°56'	170°01'	178°55'	208°19'	116°54'	22°21'	49°21'
18.09.2058	175°21'	176°09'	182°19'	180°42'	208°32'	117°31'	22°14'	49°19'
19.09.2058	176°20'	188°32'	194°47'	182°28'	208°43'	118°08'	22°08'	49°17'
20.09.2058	177°18'	201°04'	207°24'	184°13'	208°52'	118°44'	22°01'	49°16'
21.09.2058	178°17'	213°47'	220°12'	185°57'	208°59'	119°21'	21°55'	49°13'
22.09.2058	179°16'	226°41'	233°12'	187°40'	209°04'	119°57'	21°48'	49°11'
23.09.2058	180°14'	239°47'	246°25'	189°21'	209°06'	120°34'	21°41'	49°09'
24.09.2058	181°13'	253°07'	259°53'	191°02'	209°06'	121°10'	21°34'	49°07'
25.09.2058	182°12'	266°43'	273°38'	192°42'	209°04'	121°46'	21°27'	49°04'
26.09.2058	183°11'	280°36'	287°40'	194°21'	208°59'	122°22'	21°19'	49°02'
27.09.2058	184°09'	294°47'	301°59'	195°59'	208°52'	122°58'	21°12'	48°59'

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28.09.2058	185°08'	309°15'	316°34'	197°37'	208°42'	123°33'	21°04'	48°56'
29.09.2058	186°07'	323°55'	331°19'	199°13'	208°30'	124°09'	20°57'	48°54'
30.09.2058	187°06'	338°43'	346°07'	200°48'	208°16'	124°45'	20°49'	48°51'
01.10.2058	188°05'	353°30'	0°51'	202°23'	207°59'	125°20'	20°42'	48°48'
02.10.2058	189°04'	8°09'	15°23'	203°56'	207°40'	125°55'	20°34'	48°45'
03.10.2058	190°03'	22°32'	29°35'	205°29'	207°19'	126°31'	20°26'	48°41'
04.10.2058	191°02'	36°32'	43°23'	207°01'	206°55'	127°06'	20°18'	48°38'
05.10.2058	192°01'	50°07'	56°45'	208°32'	206°30'	127°41'	20°10'	48°35'
06.10.2058	193°00'	63°17'	69°42'	210°02'	206°02'	128°16'	20°02'	48°31'
07.10.2058	193°59'	76°02'	82°17'	211°31'	205°33'	128°50'	19°54'	48°28'
08.10.2058	194°58'	88°27'	94°33'	213°00'	205°02'	129°25'	19°46'	48°24'
09.10.2058	195°57'	100°35'	106°35'	214°28'	204°29'	130°00'	19°38'	48°21'
10.10.2058	196°57'	112°33'	118°30'	215°55'	203°56'	130°34'	19°30'	48°17'
11.10.2058	197°56'	124°25'	130°20'	217°21'	203°21'	131°08'	19°22'	48°13'
12.10.2058	198°55'	136°16'	142°13'	218°46'	202°45'	131°43'	19°14'	48°09'
13.10.2058	199°55'	148°11'	154°11'	220°10'	202°09'	132°17'	19°06'	48°06'
14.10.2058	200°54'	160°13'	166°18'	221°33'	201°33'	132°51'	18°58'	48°02'
15.10.2058	201°54'	172°25'	178°35'	222°55'	200°56'	133°25'	18°50'	47°58'
16.10.2058	202°53'	184°49'	191°06'	224°17'	200°19'	133°58'	18°42'	47°53'
17.10.2058	203°53'	197°26'	203°50'	225°37'	199°43'	134°32'	18°34'	47°49'
18.10.2058	204°52'	210°17'	216°47'	226°56'	199°08'	135°05'	18°26'	47°45'
19.10.2058	205°52'	223°20'	229°56'	228°14'	198°33'	135°39'	18°18'	47°41'
20.10.2058	206°51'	236°35'	243°17'	229°31'	197°59'	136°12'	18°10'	47°36'
21.10.2058	207°51'	250°02'	256°50'	230°46'	197°26'	136°45'	18°02'	47°32'
22.10.2058	208°51'	263°40'	270°32'	232°00'	196°55'	137°18'	17°54'	47°28'
23.10.2058	209°50'	277°27'	284°25'	233°12'	196°26'	137°50'	17°46'	47°23'
24.10.2058	210°50'	291°24'	298°27'	234°22'	195°58'	138°23'	17°39'	47°19'
25.10.2058	211°50'	305°31'	312°37'	235°31'	195°32'	138°55'	17°31'	47°14'
26.10.2058	212°50'	319°45'	326°54'	236°37'	195°08'	139°28'	17°23'	47°09'
27.10.2058	213°49'	334°05'	341°15'	237°41'	194°47'	140°00'	17°16'	47°05'
28.10.2058	214°49'	348°26'	355°36'	238°43'	194°28'	140°32'	17°09'	47°00'
29.10.2058	215°49'	2°45'	9°52'	239°41'	194°11'	141°04'	17°01'	46°55'
30.10.2058	216°49'	16°57'	23°58'	240°37'	193°56'	141°35'	16°54'	46°51'
31.10.2058	217°49'	30°56'	37°50'	241°29'	193°44'	142°07'	16°47'	46°46'
01.11.2058	218°49'	44°39'	51°23'	242°17'	193°34'	142°38'	16°40'	46°41'
02.11.2058	219°49'	58°02'	64°37'	243°00'	193°27'	143°09'	16°33'	46°36'
03.11.2058	220°49'	71°06'	77°30'	243°39'	193°22'	143°40'	16°27'	46°32'
04.11.2058	221°49'	83°49'	90°04'	244°12'	193°20'	144°11'	16°20'	46°27'
05.11.2058	222°49'	96°14'	102°21'	244°40'	193°20'	144°42'	16°14'	46°22'
06.11.2058	223°49'	108°25'	114°26'	245°01'	193°23'	145°12'	16°07'	46°17'
07.11.2058	224°49'	120°24'	126°22'	245°14'	193°28'	145°43'	16°01'	46°12'
08.11.2058	225°49'	132°18'	138°14'	245°20'	193°36'	146°13'	15°55'	46°07'
09.11.2058	226°50'	144°10'	150°07'	245°17'	193°45'	146°43'	15°49'	46°03'
10.11.2058	227°50'	156°05'	162°06'	245°05'	193°57'	147°12'	15°44'	45°58'
11.11.2058	228°50'	168°09'	174°15'	244°43'	194°11'	147°42'	15°38'	45°53'
12.11.2058	229°50'	180°24'	186°38'	244°12'	194°27'	148°11'	15°33'	45°48'
13.11.2058	230°51'	192°55'	199°17'	243°30'	194°45'	148°40'	15°27'	45°43'
14.11.2058	231°51'	205°43'	212°13'	242°38'	195°05'	149°09'	15°22'	45°38'
15.11.2058	232°52'	218°49'	225°29'	241°38'	195°27'	149°38'	15°17'	45°33'
16.11.2058	233°52'	232°13'	239°01'	240°29'	195°51'	150°07'	15°13'	45°29'
17.11.2058	234°53'	245°53'	252°49'	239°14'	196°17'	150°35'	15°08'	45°24'
18.11.2058	235°53'	259°47'	266°49'	237°55'	196°44'	151°03'	15°04'	45°19'
19.11.2058	236°54'	273°52'	280°57'	236°33'	197°13'	151°31'	14°59'	45°14'
20.11.2058	237°54'	288°04'	295°11'	235°13'	197°44'	151°58'	14°56'	45°10'
21.11.2058	238°55'	302°19'	309°26'	233°57'	198°16'	152°26'	14°52'	45°05'

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22.11.2058	239°55'	316°34'	323°41'	232°46'	198°49'	152°53'	14°48'	45°01'
23.11.2058	240°56'	330°47'	337°51'	231°43'	199°24'	153°20'	14°45'	44°56'
24.11.2058	241°57'	344°55'	351°56'	230°51'	200°01'	153°46'	14°41'	44°51'
25.11.2058	242°57'	358°56'	5°53'	230°09'	200°38'	154°12'	14°38'	44°47'
26.11.2058	243°58'	12°49'	19°41'	229°38'	201°17'	154°39'	14°36'	44°42'
27.11.2058	244°58'	26°31'	33°18'	229°20'	201°58'	155°04'	14°33'	44°38'
28.11.2058	245°59'	40°02'	46°42'	229°12'	202°39'	155°30'	14°31'	44°34'
29.11.2058	247°00'	53°19'	59°53'	229°16'	203°22'	155°55'	14°28'	44°29'
30.11.2058	248°01'	66°23'	72°49'	229°30'	204°05'	156°20'	14°26'	44°25'
01.12.2058	249°01'	79°11'	85°30'	229°53'	204°50'	156°45'	14°25'	44°21'
02.12.2058	250°02'	91°45'	97°57'	230°25'	205°36'	157°09'	14°23'	44°17'
03.12.2058	251°03'	104°06'	110°12'	231°04'	206°22'	157°33'	14°22'	44°13'
04.12.2058	252°04'	116°15'	122°15'	231°50'	207°10'	157°57'	14°20'	44°09'
05.12.2058	253°05'	128°14'	134°12'	232°42'	207°58'	158°20'	14°19'	44°05'
06.12.2058	254°06'	140°08'	146°04'	233°39'	208°48'	158°44'	14°19'	44°01'
07.12.2058	255°06'	152°00'	157°56'	234°41'	209°38'	159°06'	14°18'	43°57'
08.12.2058	256°07'	163°54'	169°54'	235°46'	210°29'	159°29'	14°18'	43°53'
09.12.2058	257°08'	175°56'	182°01'	236°56'	211°21'	159°51'	14°17'	43°50'
10.12.2058	258°09'	188°09'	194°22'	238°08'	212°14'	160°13'	14°18'	43°46'
11.12.2058	259°10'	200°39'	207°01'	239°22'	213°07'	160°34'	14°18'	43°43'
12.12.2058	260°11'	213°29'	220°02'	240°39'	214°01'	160°55'	14°18'	43°39'
13.12.2058	261°12'	226°42'	233°27'	241°58'	214°55'	161°16'	14°19'	43°36'
14.12.2058	262°13'	240°18'	247°15'	243°19'	215°51'	161°36'	14°20'	43°33'
15.12.2058	263°14'	254°17'	261°25'	244°41'	216°47'	161°56'	14°21'	43°30'
16.12.2058	264°15'	268°36'	275°52'	246°04'	217°43'	162°16'	14°22'	43°27'
17.12.2058	265°16'	283°10'	290°31'	247°28'	218°40'	162°35'	14°24'	43°24'
18.12.2058	266°17'	297°52'	305°14'	248°54'	219°38'	162°53'	14°26'	43°21'
19.12.2058	267°19'	312°35'	319°54'	250°20'	220°36'	163°12'	14°27'	43°18'
20.12.2058	268°20'	327°11'	334°26'	251°47'	221°34'	163°29'	14°30'	43°15'
21.12.2058	269°21'	341°37'	348°44'	253°14'	222°34'	163°47'	14°32'	43°13'
22.12.2058	270°22'	355°48'	2°47'	254°42'	223°33'	164°04'	14°34'	43°10'
23.12.2058	271°23'	9°42'	16°32'	256°11'	224°33'	164°20'	14°37'	43°08'
24.12.2058	272°24'	23°19'	30°01'	257°40'	225°34'	164°36'	14°40'	43°05'
25.12.2058	273°25'	36°40'	43°15'	259°10'	226°34'	164°51'	14°43'	43°03'
26.12.2058	274°26'	49°46'	56°14'	260°40'	227°36'	165°06'	14°47'	43°01'
27.12.2058	275°27'	62°39'	69°01'	262°10'	228°37'	165°21'	14°50'	42°59'
28.12.2058	276°28'	75°20'	81°37'	263°41'	229°39'	165°35'	14°54'	42°57'
29.12.2058	277°30'	87°51'	94°02'	265°12'	230°42'	165°48'	14°58'	42°55'
30.12.2058	278°31'	100°11'	106°18'	266°43'	231°45'	166°01'	15°02'	42°54'
31.12.2058	279°32'	112°22'	118°25'	268°15'	232°48'	166°14'	15°06'	42°52'
01.01.2059	280°33'	124°26'	130°25'	269°47'	233°51'	166°25'	15°11'	42°51'
02.01.2059	281°34'	136°23'	142°20'	271°19'	234°55'	166°37'	15°15'	42°49'
03.01.2059	282°35'	148°16'	154°12'	272°52'	235°59'	166°47'	15°20'	42°48'
04.01.2059	283°36'	160°07'	166°03'	274°25'	237°04'	166°57'	15°25'	42°47'
05.01.2059	284°37'	172°00'	177°59'	275°58'	238°08'	167°07'	15°31'	42°46'
06.01.2059	285°39'	183°59'	190°02'	277°32'	239°13'	167°16'	15°36'	42°45'
07.01.2059	286°40'	196°08'	202°18'	279°06'	240°19'	167°24'	15°42'	42°44'
08.01.2059	287°41'	208°33'	214°52'	280°40'	241°24'	167°31'	15°47'	42°43'
09.01.2059	288°42'	221°17'	227°48'	282°15'	242°30'	167°38'	15°53'	42°43'
10.01.2059	289°43'	234°26'	241°10'	283°50'	243°36'	167°45'	15°59'	42°42'
11.01.2059	290°44'	248°02'	255°00'	285°26'	244°42'	167°50'	16°06'	42°42'
12.01.2059	291°46'	262°06'	269°18'	287°02'	245°49'	167°55'	16°12'	42°41'
13.01.2059	292°47'	276°37'	284°01'	288°39'	246°56'	167°59'	16°19'	42°41'
14.01.2059	293°48'	291°29'	299°01'	290°16'	248°03'	168°03'	16°26'	42°41'
15.01.2059	294°49'	306°35'	314°10'	291°53'	249°10'	168°06'	16°33'	42°41'

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16.01.2059	295°50'	321°44'	329°17'	293°31'	250°17'	168°08'	16°40'	42°41'
17.01.2059	296°51'	336°47'	344°13'	295°10'	251°25'	168°09'	16°47'	42°42'
18.01.2059	297°52'	351°34'	358°49'	296°49'	252°32'	168°10'	16°54'	42°42'
19.01.2059	298°54'	5°59'	13°03'	298°28'	253°40'	168°09'	17°02'	42°43'
20.01.2059	299°55'	20°00'	26°51'	300°08'	254°48'	168°08'	17°10'	42°43'
21.01.2059	300°56'	33°35'	40°15'	301°49'	255°56'	168°07'	17°18'	42°44'
22.01.2059	301°57'	46°49'	53°17'	303°30'	257°05'	168°04'	17°26'	42°45'
23.01.2059	302°58'	59°42'	66°02'	305°12'	258°13'	168°01'	17°34'	42°46'
24.01.2059	303°59'	72°19'	78°33'	306°54'	259°22'	167°57'	17°42'	42°47'
25.01.2059	305°00'	84°44'	90°52'	308°37'	260°31'	167°52'	17°51'	42°48'
26.01.2059	306°01'	96°58'	103°03'	310°20'	261°40'	167°47'	17°59'	42°50'
27.01.2059	307°02'	109°05'	115°07'	312°04'	262°49'	167°40'	18°08'	42°51'
28.01.2059	308°03'	121°07'	127°06'	313°48'	263°58'	167°33'	18°17'	42°52'
29.01.2059	309°04'	133°04'	139°01'	315°33'	265°08'	167°25'	18°26'	42°54'
30.01.2059	310°05'	144°58'	150°54'	317°18'	266°17'	167°16'	18°35'	42°56'
31.01.2059	311°06'	156°50'	162°46'	319°03'	267°27'	167°07'	18°45'	42°58'
01.02.2059	312°06'	168°43'	174°39'	320°49'	268°36'	166°56'	18°54'	43°00'
02.02.2059	313°07'	180°37'	186°36'	322°35'	269°46'	166°45'	19°04'	43°02'
03.02.2059	314°08'	192°36'	198°39'	324°20'	270°56'	166°33'	19°13'	43°04'
04.02.2059	315°09'	204°44'	210°52'	326°06'	272°06'	166°20'	19°23'	43°06'
05.02.2059	316°10'	217°05'	223°21'	327°51'	273°17'	166°07'	19°33'	43°09'
06.02.2059	317°11'	229°43'	236°10'	329°36'	274°27'	165°53'	19°43'	43°11'
07.02.2059	318°12'	242°43'	249°23'	331°20'	275°37'	165°38'	19°53'	43°14'
08.02.2059	319°12'	256°11'	263°05'	333°02'	276°48'	165°22'	20°03'	43°16'
09.02.2059	320°13'	270°07'	277°16'	334°43'	277°58'	165°06'	20°14'	43°19'
10.02.2059	321°14'	284°33'	291°56'	336°23'	279°09'	164°49'	20°24'	43°22'
11.02.2059	322°15'	299°25'	306°59'	338°00'	280°20'	164°31'	20°35'	43°25'
12.02.2059	323°15'	314°37'	322°17'	339°34'	281°31'	164°13'	20°46'	43°28'
13.02.2059	324°16'	329°59'	337°39'	341°05'	282°42'	163°54'	20°57'	43°31'
14.02.2059	325°17'	345°17'	352°52'	342°31'	283°53'	163°34'	21°08'	43°35'
15.02.2059	326°18'	0°22'	7°47'	343°54'	285°04'	163°14'	21°19'	43°38'
16.02.2059	327°18'	15°05'	22°15'	345°10'	286°15'	162°53'	21°30'	43°42'
17.02.2059	328°19'	29°19'	36°15'	346°21'	287°26'	162°32'	21°41'	43°45'
18.02.2059	329°19'	43°04'	49°46'	347°25'	288°37'	162°10'	21°53'	43°49'
19.02.2059	330°20'	56°21'	62°50'	348°22'	289°49'	161°48'	22°04'	43°53'
20.02.2059	331°20'	69°14'	75°32'	349°11'	291°00'	161°26'	22°16'	43°57'
21.02.2059	332°21'	81°46'	87°57'	349°51'	292°11'	161°03'	22°27'	44°01'
22.02.2059	333°21'	94°04'	100°08'	350°21'	293°23'	160°40'	22°39'	44°05'
23.02.2059	334°22'	106°10'	112°10'	350°42'	294°34'	160°17'	22°51'	44°09'
24.02.2059	335°22'	118°09'	124°06'	350°54'	295°46'	159°54'	23°03'	44°13'
25.02.2059	336°23'	130°03'	136°00'	350°55'	296°58'	159°30'	23°15'	44°17'
26.02.2059	337°23'	141°56'	147°52'	350°46'	298°09'	159°06'	23°27'	44°22'
27.02.2059	338°23'	153°48'	159°45'	350°28'	299°21'	158°43'	23°39'	44°26'
28.02.2059	339°24'	165°42'	171°40'	350°00'	300°33'	158°19'	23°51'	44°31'
01.03.2059	340°24'	177°38'	183°37'	349°24'	301°45'	157°55'	24°03'	44°36'
02.03.2059	341°24'	189°38'	195°39'	348°41'	302°57'	157°31'	24°16'	44°40'
03.03.2059	342°24'	201°43'	207°48'	347°51'	304°09'	157°08'	24°28'	44°45'
04.03.2059	343°24'	213°56'	220°07'	346°56'	305°21'	156°44'	24°41'	44°50'
05.03.2059	344°25'	226°20'	232°38'	345°57'	306°33'	156°21'	24°53'	44°55'
06.03.2059	345°25'	238°59'	245°25'	344°56'	307°45'	155°58'	25°06'	45°00'
07.03.2059	346°25'	251°56'	258°33'	343°54'	308°57'	155°35'	25°19'	45°05'
08.03.2059	347°25'	265°16'	272°06'	342°53'	310°09'	155°13'	25°32'	45°11'
09.03.2059	348°25'	279°02'	286°05'	341°54'	311°22'	154°50'	25°45'	45°16'
10.03.2059	349°25'	293°14'	300°30'	340°58'	312°34'	154°29'	25°58'	45°21'
11.03.2059	350°25'	307°53'	315°20'	340°06'	313°46'	154°07'	26°11'	45°27'

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12.03.2059	351°25'	322°52'	330°28'	339°19'	314°59'	153°47'	26°24'	45°32'
13.03.2059	352°25'	338°05'	345°44'	338°38'	316°11'	153°26'	26°37'	45°38'
14.03.2059	353°25'	353°21'	0°56'	338°03'	317°23'	153°07'	26°50'	45°44'
15.03.2059	354°25'	8°28'	15°56'	337°34'	318°36'	152°47'	27°03'	45°49'
16.03.2059	355°24'	23°17'	30°33'	337°12'	319°48'	152°29'	27°17'	45°55'
17.03.2059	356°24'	37°41'	44°42'	336°56'	321°01'	152°11'	27°30'	46°01'
18.03.2059	357°24'	51°36'	58°22'	336°46'	322°13'	151°54'	27°43'	46°07'
19.03.2059	358°24'	65°02'	71°34'	336°43'	323°26'	151°37'	27°57'	46°13'
20.03.2059	359°23'	78°01'	84°21'	336°45'	324°38'	151°21'	28°10'	46°19'
21.03.2059	0°23'	90°37'	96°48'	336°53'	325°51'	151°06'	28°24'	46°25'
22.03.2059	1°23'	102°55'	108°59'	337°07'	327°03'	150°51'	28°38'	46°31'
23.03.2059	2°22'	115°01'	121°00'	337°26'	328°16'	150°37'	28°51'	46°38'
24.03.2059	3°22'	126°57'	132°54'	337°50'	329°29'	150°24'	29°05'	46°44'
25.03.2059	4°21'	138°50'	144°45'	338°19'	330°41'	150°12'	29°19'	46°50'
26.03.2059	5°21'	150°41'	156°37'	338°52'	331°54'	150°01'	29°32'	46°57'
27.03.2059	6°20'	162°34'	168°32'	339°30'	333°07'	149°50'	29°46'	47°03'
28.03.2059	7°19'	174°31'	180°31'	340°11'	334°19'	149°40'	30°00'	47°10'
29.03.2059	8°19'	186°33'	192°37'	340°56'	335°32'	149°31'	30°14'	47°16'
30.03.2059	9°18'	198°42'	204°50'	341°44'	336°45'	149°23'	30°28'	47°23'
31.03.2059	10°17'	210°59'	217°11'	342°36'	337°58'	149°15'	30°42'	47°29'
01.04.2059	11°17'	223°25'	229°42'	343°31'	339°10'	149°08'	30°56'	47°36'
02.04.2059	12°16'	236°02'	242°25'	344°29'	340°23'	149°02'	31°10'	47°43'
03.04.2059	13°15'	248°52'	255°22'	345°29'	341°36'	148°57'	31°24'	47°50'
04.04.2059	14°14'	261°56'	268°35'	346°32'	342°49'	148°53'	31°38'	47°57'
05.04.2059	15°13'	275°19'	282°07'	347°38'	344°02'	148°49'	31°52'	48°03'
06.04.2059	16°13'	289°00'	295°59'	348°46'	345°15'	148°46'	32°06'	48°10'
07.04.2059	17°12'	303°02'	310°11'	349°57'	346°28'	148°44'	32°20'	48°17'
08.04.2059	18°11'	317°24'	324°42'	351°10'	347°40'	148°42'	32°35'	48°24'
09.04.2059	19°10'	332°03'	339°28'	352°24'	348°53'	148°42'	32°49'	48°31'
10.04.2059	20°09'	346°54'	354°22'	353°41'	350°06'	148°42'	33°03'	48°39'
11.04.2059	21°08'	1°49'	9°16'	355°00'	351°19'	148°43'	33°17'	48°46'
12.04.2059	22°07'	16°41'	24°02'	356°21'	352°32'	148°44'	33°32'	48°53'
13.04.2059	23°05'	31°19'	38°31'	357°44'	353°45'	148°46'	33°46'	49°00'
14.04.2059	24°04'	45°38'	52°39'	359°08'	354°58'	148°49'	34°00'	49°07'
15.04.2059	25°03'	59°34'	66°22'	0°34'	356°11'	148°53'	34°14'	49°15'
16.04.2059	26°02'	73°03'	79°39'	2°02'	357°24'	148°57'	34°29'	49°22'
17.04.2059	27°01'	86°08'	92°32'	3°32'	358°37'	149°02'	34°43'	49°29'
18.04.2059	27°59'	98°50'	105°03'	5°04'	359°50'	149°08'	34°58'	49°37'
19.04.2059	28°58'	111°13'	117°18'	6°37'	1°03'	149°14'	35°12'	49°44'
20.04.2059	29°57'	123°21'	129°21'	8°12'	2°16'	149°21'	35°26'	49°52'
21.04.2059	30°55'	135°19'	141°16'	9°48'	3°29'	149°29'	35°41'	49°59'
22.04.2059	31°54'	147°12'	153°08'	11°27'	4°42'	149°37'	35°55'	50°06'
23.04.2059	32°52'	159°05'	165°01'	13°06'	5°55'	149°46'	36°09'	50°14'
24.04.2059	33°51'	171°00'	176°59'	14°48'	7°08'	149°56'	36°24'	50°21'
25.04.2059	34°49'	183°00'	189°04'	16°31'	8°21'	150°06'	36°38'	50°29'
26.04.2059	35°48'	195°10'	201°18'	18°16'	9°34'	150°16'	36°53'	50°37'
27.04.2059	36°46'	207°30'	213°44'	20°03'	10°47'	150°27'	37°07'	50°44'
28.04.2059	37°45'	220°01'	226°22'	21°51'	12°00'	150°39'	37°21'	50°52'
29.04.2059	38°43'	232°45'	239°12'	23°42'	13°13'	150°51'	37°36'	50°59'
30.04.2059	39°41'	245°42'	252°15'	25°33'	14°26'	151°04'	37°50'	51°07'
01.05.2059	40°39'	258°52'	265°32'	27°27'	15°40'	151°17'	38°04'	51°15'
02.05.2059	41°38'	272°15'	279°02'	29°22'	16°53'	151°31'	38°19'	51°22'
03.05.2059	42°36'	285°52'	292°45'	31°19'	18°06'	151°46'	38°33'	51°30'
04.05.2059	43°34'	299°41'	306°41'	33°18'	19°19'	152°00'	38°47'	51°38'
05.05.2059	44°32'	313°43'	320°48'	35°18'	20°32'	152°16'	39°02'	51°45'

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06.05.2059	45°30'	327°56'	335°06'	37°20'	21°45'	152°31'	39°16'	51°53'
07.05.2059	46°29'	342°17'	349°30'	39°24'	22°58'	152°47'	39°31'	52°01'
08.05.2059	47°27'	356°44'	3°59'	41°29'	24°11'	153°04'	39°45'	52°08'
09.05.2059	48°25'	11°12'	18°25'	43°35'	25°24'	153°21'	39°59'	52°16'
10.05.2059	49°23'	25°36'	32°45'	45°43'	26°37'	153°39'	40°13'	52°24'
11.05.2059	50°21'	39°51'	46°54'	47°51'	27°51'	153°57'	40°28'	52°32'
12.05.2059	51°19'	53°52'	60°46'	50°01'	29°04'	154°15'	40°42'	52°39'
13.05.2059	52°17'	67°35'	74°19'	52°11'	30°17'	154°34'	40°56'	52°47'
14.05.2059	53°15'	80°58'	87°32'	54°22'	31°30'	154°53'	41°10'	52°55'
15.05.2059	54°13'	94°01'	100°25'	56°33'	32°43'	155°13'	41°25'	53°03'
16.05.2059	55°11'	106°44'	112°58'	58°44'	33°56'	155°32'	41°39'	53°10'
17.05.2059	56°09'	119°09'	125°15'	60°54'	35°10'	155°53'	41°53'	53°18'
18.05.2059	57°06'	131°19'	137°20'	63°04'	36°23'	156°14'	42°07'	53°26'
19.05.2059	58°04'	143°20'	149°17'	65°14'	37°36'	156°35'	42°21'	53°34'
20.05.2059	59°02'	155°14'	161°11'	67°22'	38°49'	156°56'	42°35'	53°41'
21.05.2059	60°00'	167°07'	173°05'	69°28'	40°02'	157°18'	42°49'	53°49'
22.05.2059	60°57'	179°03'	185°04'	71°33'	41°15'	157°40'	43°03'	53°57'
23.05.2059	61°55'	191°07'	197°13'	73°36'	42°28'	158°02'	43°17'	54°04'
24.05.2059	62°53'	203°22'	209°34'	75°37'	43°42'	158°25'	43°31'	54°12'
25.05.2059	63°51'	215°51'	222°11'	77°36'	44°55'	158°48'	43°45'	54°20'
26.05.2059	64°48'	228°36'	235°05'	79°32'	46°08'	159°11'	43°59'	54°27'
27.05.2059	65°46'	241°38'	248°16'	81°26'	47°21'	159°35'	44°13'	54°35'
28.05.2059	66°43'	254°58'	261°43'	83°17'	48°34'	159°59'	44°27'	54°43'
29.05.2059	67°41'	268°33'	275°26'	85°06'	49°48'	160°23'	44°40'	54°50'
30.05.2059	68°39'	282°22'	289°21'	86°51'	51°01'	160°48'	44°54'	54°58'
31.05.2059	69°36'	296°23'	303°26'	88°34'	52°14'	161°13'	45°08'	55°06'
01.06.2059	70°34'	310°31'	317°37'	90°14'	53°27'	161°38'	45°21'	55°13'
02.06.2059	71°31'	324°44'	331°51'	91°51'	54°40'	162°03'	45°35'	55°21'
03.06.2059	72°29'	338°58'	346°05'	93°25'	55°54'	162°29'	45°49'	55°28'
04.06.2059	73°26'	353°12'	0°17'	94°57'	57°07'	162°55'	46°02'	55°36'
05.06.2059	74°24'	7°22'	14°25'	96°25'	58°20'	163°21'	46°16'	55°43'
06.06.2059	75°21'	21°26'	28°26'	97°50'	59°33'	163°47'	46°29'	55°51'
07.06.2059	76°18'	35°23'	42°18'	99°12'	60°47'	164°14'	46°42'	55°58'
08.06.2059	77°16'	49°10'	56°00'	100°31'	62°00'	164°41'	46°56'	56°06'
09.06.2059	78°13'	62°46'	69°29'	101°47'	63°13'	165°08'	47°09'	56°13'
10.06.2059	79°11'	76°08'	82°44'	103°00'	64°27'	165°35'	47°22'	56°20'
11.06.2059	80°08'	89°15'	95°43'	104°10'	65°40'	166°03'	47°35'	56°28'
12.06.2059	81°06'	102°07'	108°27'	105°16'	66°53'	166°31'	47°49'	56°35'
13.06.2059	82°03'	114°44'	120°56'	106°19'	68°07'	166°59'	48°02'	56°42'
14.06.2059	83°00'	127°06'	133°12'	107°18'	69°20'	167°27'	48°15'	56°49'
15.06.2059	83°58'	139°15'	145°16'	108°14'	70°33'	167°55'	48°28'	56°57'
16.06.2059	84°55'	151°15'	157°13'	109°06'	71°47'	168°24'	48°40'	57°04'
17.06.2059	85°52'	163°09'	169°06'	109°54'	73°00'	168°53'	48°53'	57°11'
18.06.2059	86°50'	175°02'	180°59'	110°39'	74°13'	169°22'	49°06'	57°18'
19.06.2059	87°47'	186°58'	192°58'	111°20'	75°27'	169°51'	49°19'	57°25'
20.06.2059	88°44'	199°01'	205°08'	111°57'	76°40'	170°21'	49°31'	57°32'
21.06.2059	89°41'	211°18'	217°32'	112°29'	77°54'	170°51'	49°44'	57°39'
22.06.2059	90°39'	223°51'	230°15'	112°58'	79°07'	171°21'	49°56'	57°46'
23.06.2059	91°36'	236°44'	243°19'	113°22'	80°20'	171°51'	50°09'	57°53'
24.06.2059	92°33'	250°00'	256°46'	113°42'	81°34'	172°21'	50°21'	58°00'
25.06.2059	93°30'	263°38'	270°36'	113°57'	82°47'	172°51'	50°34'	58°07'
26.06.2059	94°28'	277°38'	284°44'	114°07'	84°01'	173°22'	50°46'	58°13'
27.06.2059	95°25'	291°54'	299°07'	114°13'	85°14'	173°53'	50°58'	58°20'
28.06.2059	96°22'	306°22'	313°39'	114°15'	86°28'	174°24'	51°10'	58°27'
29.06.2059	97°19'	320°56'	328°13'	114°12'	87°41'	174°55'	51°22'	58°34'

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30.06.2059	98°16'	335°29'	342°43'	114°04'	88°55'	175°26'	51°34'	58°40'
01.07.2059	99°14'	349°56'	357°05'	113°52'	90°08'	175°58'	51°46'	58°47'
02.07.2059	100°11'	4°12'	11°15'	113°36'	91°22'	176°29'	51°57'	58°53'
03.07.2059	101°08'	18°16'	25°12'	113°15'	92°35'	177°01'	52°09'	59°00'
04.07.2059	102°05'	32°06'	38°56'	112°51'	93°49'	177°33'	52°21'	59°06'
05.07.2059	103°02'	45°43'	52°26'	112°24'	95°02'	178°05'	52°32'	59°12'
06.07.2059	104°00'	59°07'	65°44'	111°53'	96°16'	178°37'	52°44'	59°19'
07.07.2059	104°57'	72°18'	78°50'	111°20'	97°30'	179°10'	52°55'	59°25'
08.07.2059	105°54'	85°18'	91°44'	110°44'	98°43'	179°43'	53°06'	59°31'
09.07.2059	106°51'	98°06'	104°26'	110°07'	99°57'	180°15'	53°17'	59°37'
10.07.2059	107°49'	110°43'	116°57'	109°30'	101°10'	180°48'	53°28'	59°43'
11.07.2059	108°46'	123°08'	129°16'	108°52'	102°24'	181°21'	53°39'	59°49'
12.07.2059	109°43'	135°22'	141°25'	108°14'	103°38'	181°54'	53°50'	59°55'
13.07.2059	110°40'	147°27'	153°26'	107°37'	104°51'	182°28'	54°01'	60°01'
14.07.2059	111°37'	159°24'	165°20'	107°02'	106°05'	183°01'	54°12'	60°07'
15.07.2059	112°35'	171°16'	177°11'	106°29'	107°19'	183°35'	54°22'	60°13'
16.07.2059	113°32'	183°06'	189°03'	106°00'	108°33'	184°09'	54°33'	60°18'
17.07.2059	114°29'	195°00'	200°59'	105°33'	109°46'	184°43'	54°43'	60°24'
18.07.2059	115°26'	207°02'	213°07'	105°11'	111°00'	185°17'	54°53'	60°29'
19.07.2059	116°24'	219°16'	225°30'	104°53'	112°14'	185°51'	55°03'	60°35'
20.07.2059	117°21'	231°48'	238°13'	104°39'	113°28'	186°25'	55°13'	60°40'
21.07.2059	118°18'	244°43'	251°20'	104°31'	114°42'	186°59'	55°23'	60°46'
22.07.2059	119°15'	258°04'	264°55'	104°28'	115°55'	187°34'	55°33'	60°51'
23.07.2059	120°13'	271°52'	278°57'	104°31'	117°09'	188°09'	55°43'	60°56'
24.07.2059	121°10'	286°07'	293°23'	104°39'	118°23'	188°43'	55°52'	61°01'
25.07.2059	122°07'	300°44'	308°09'	104°53'	119°37'	189°18'	56°02'	61°06'
26.07.2059	123°04'	315°36'	323°06'	105°13'	120°51'	189°53'	56°11'	61°11'
27.07.2059	124°02'	330°35'	338°04'	105°39'	122°05'	190°29'	56°20'	61°16'
28.07.2059	124°59'	345°31'	352°56'	106°11'	123°19'	191°04'	56°29'	61°21'
29.07.2059	125°56'	0°16'	7°33'	106°49'	124°32'	191°39'	56°38'	61°26'
30.07.2059	126°54'	14°44'	21°51'	107°33'	125°46'	192°15'	56°47'	61°30'
31.07.2059	127°51'	28°52'	35°49'	108°22'	127°00'	192°50'	56°56'	61°35'
01.08.2059	128°48'	42°40'	49°26'	109°17'	128°14'	193°26'	57°05'	61°39'
02.08.2059	129°46'	56°07'	62°44'	110°18'	129°28'	194°02'	57°13'	61°44'
03.08.2059	130°43'	69°17'	75°46'	111°25'	130°42'	194°38'	57°21'	61°48'
04.08.2059	131°41'	82°11'	88°34'	112°37'	131°56'	195°14'	57°30'	61°52'
05.08.2059	132°38'	94°53'	101°10'	113°54'	133°10'	195°50'	57°38'	61°57'
06.08.2059	133°36'	107°24'	113°35'	115°17'	134°24'	196°27'	57°46'	62°01'
07.08.2059	134°33'	119°45'	125°52'	116°44'	135°38'	197°03'	57°53'	62°05'
08.08.2059	135°31'	131°57'	138°01'	118°16'	136°53'	197°40'	58°01'	62°09'
09.08.2059	136°28'	144°02'	150°02'	119°52'	138°07'	198°16'	58°08'	62°12'
10.08.2059	137°26'	156°01'	161°58'	121°32'	139°21'	198°53'	58°16'	62°16'
11.08.2059	138°23'	167°54'	173°49'	123°16'	140°35'	199°30'	58°23'	62°20'
12.08.2059	139°21'	179°44'	185°38'	125°04'	141°49'	200°07'	58°30'	62°23'
13.08.2059	140°18'	191°33'	197°29'	126°54'	143°03'	200°44'	58°37'	62°27'
14.08.2059	141°16'	203°25'	209°24'	128°47'	144°17'	201°22'	58°44'	62°30'
15.08.2059	142°14'	215°25'	221°29'	130°43'	145°32'	201°59'	58°50'	62°33'
16.08.2059	143°11'	227°37'	233°49'	132°40'	146°46'	202°36'	58°57'	62°37'
17.08.2059	144°09'	240°06'	246°29'	134°39'	148°00'	203°14'	59°03'	62°40'
18.08.2059	145°07'	252°57'	259°33'	136°39'	149°14'	203°52'	59°09'	62°43'
19.08.2059	146°04'	266°16'	273°06'	138°40'	150°28'	204°29'	59°15'	62°46'
20.08.2059	147°02'	280°03'	287°08'	140°41'	151°42'	205°07'	59°21'	62°48'
21.08.2059	148°00'	294°21'	301°40'	142°42'	152°57'	205°45'	59°26'	62°51'
22.08.2059	148°57'	309°05'	316°35'	144°43'	154°11'	206°23'	59°32'	62°54'
23.08.2059	149°55'	324°09'	331°46'	146°44'	155°25'	207°01'	59°37'	62°56'

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24.08.2059	150°53'	339°24'	347°02'	148°45'	156°39'	207°40'	59°42'	62°59'
25.08.2059	151°51'	354°38'	2°12'	150°44'	157°54'	208°18'	59°47'	63°01'
26.08.2059	152°49'	9°41'	17°06'	152°43'	159°08'	208°56'	59°52'	63°03'
27.08.2059	153°46'	24°25'	31°38'	154°41'	160°22'	209°35'	59°56'	63°05'
28.08.2059	154°44'	38°44'	45°44'	156°38'	161°37'	210°13'	60°01'	63°07'
29.08.2059	155°42'	52°38'	59°25'	158°34'	162°51'	210°52'	60°05'	63°09'
30.08.2059	156°40'	66°06'	72°42'	160°29'	164°05'	211°31'	60°09'	63°11'
31.08.2059	157°38'	79°12'	85°38'	162°22'	165°19'	212°10'	60°13'	63°13'
01.09.2059	158°36'	91°59'	98°16'	164°14'	166°34'	212°49'	60°17'	63°14'
02.09.2059	159°34'	104°30'	110°41'	166°06'	167°48'	213°28'	60°20'	63°16'
03.09.2059	160°32'	116°49'	122°55'	167°55'	169°02'	214°07'	60°24'	63°17'
04.09.2059	161°30'	128°59'	135°01'	169°44'	170°17'	214°47'	60°27'	63°18'
05.09.2059	162°29'	141°01'	147°00'	171°31'	171°31'	215°26'	60°30'	63°20'
06.09.2059	163°27'	152°58'	158°55'	173°17'	172°46'	216°05'	60°33'	63°21'
07.09.2059	164°25'	164°51'	170°47'	175°02'	174°00'	216°45'	60°35'	63°22'
08.09.2059	165°23'	176°42'	182°37'	176°46'	175°14'	217°25'	60°37'	63°22'
09.09.2059	166°21'	188°32'	194°27'	178°29'	176°29'	218°04'	60°40'	63°23'
10.09.2059	167°20'	200°23'	206°20'	180°10'	177°43'	218°44'	60°42'	63°24'
11.09.2059	168°18'	212°18'	218°18'	181°50'	178°58'	219°24'	60°43'	63°24'
12.09.2059	169°16'	224°20'	230°24'	183°29'	180°12'	220°04'	60°45'	63°25'
13.09.2059	170°15'	236°32'	242°44'	185°07'	181°26'	220°44'	60°46'	63°25'
14.09.2059	171°13'	249°01'	255°22'	186°44'	182°41'	221°25'	60°48'	63°25'
15.09.2059	172°11'	261°49'	268°22'	188°20'	183°55'	222°05'	60°49'	63°25'
16.09.2059	173°10'	275°01'	281°48'	189°55'	185°10'	222°45'	60°50'	63°25'
17.09.2059	174°08'	288°42'	295°43'	191°28'	186°24'	223°26'	60°50'	63°25'
18.09.2059	175°07'	302°51'	310°06'	193°01'	187°38'	224°06'	60°51'	63°25'
19.09.2059	176°05'	317°28'	324°55'	194°32'	188°53'	224°47'	60°51'	63°25'
20.09.2059	177°04'	332°27'	340°03'	196°03'	190°07'	225°28'	60°51'	63°24'
21.09.2059	178°03'	347°42'	355°21'	197°32'	191°22'	226°09'	60°51'	63°23'
22.09.2059	179°01'	3°00'	10°38'	199°00'	192°36'	226°50'	60°50'	63°23'
23.09.2059	180°00'	18°12'	25°42'	200°27'	193°50'	227°31'	60°50'	63°22'
24.09.2059	180°58'	33°07'	40°26'	201°54'	195°05'	228°12'	60°49'	63°21'
25.09.2059	181°57'	47°38'	54°44'	203°19'	196°19'	228°53'	60°48'	63°20'
26.09.2059	182°56'	61°43'	68°34'	204°43'	197°34'	229°34'	60°47'	63°19'
27.09.2059	183°55'	75°19'	81°57'	206°05'	198°48'	230°15'	60°45'	63°18'
28.09.2059	184°54'	88°30'	94°56'	207°27'	200°03'	230°57'	60°44'	63°17'
29.09.2059	185°52'	101°17'	107°34'	208°47'	201°17'	231°38'	60°42'	63°15'
30.09.2059	186°51'	113°46'	119°55'	210°06'	202°31'	232°20'	60°40'	63°14'
01.10.2059	187°50'	126°01'	132°04'	211°24'	203°46'	233°01'	60°38'	63°12'
02.10.2059	188°49'	138°04'	144°03'	212°41'	205°00'	233°43'	60°35'	63°10'
03.10.2059	189°48'	150°01'	155°57'	213°56'	206°15'	234°25'	60°33'	63°08'
04.10.2059	190°47'	161°53'	167°48'	215°09'	207°29'	235°07'	60°30'	63°06'
05.10.2059	191°46'	173°43'	179°39'	216°21'	208°44'	235°49'	60°27'	63°04'
06.10.2059	192°46'	185°34'	191°30'	217°31'	209°58'	236°31'	60°24'	63°02'
07.10.2059	193°45'	197°27'	203°25'	218°40'	211°12'	237°13'	60°20'	63°00'
08.10.2059	194°44'	209°24'	215°25'	219°46'	212°27'	237°55'	60°17'	62°58'
09.10.2059	195°43'	221°27'	227°31'	220°50'	213°41'	238°38'	60°13'	62°55'
10.10.2059	196°42'	233°38'	239°47'	221°52'	214°56'	239°20'	60°09'	62°53'
11.10.2059	197°42'	245°59'	252°15'	222°51'	216°10'	240°03'	60°05'	62°50'
12.10.2059	198°41'	258°34'	264°57'	223°47'	217°25'	240°45'	60°01'	62°47'
13.10.2059	199°40'	271°25'	277°58'	224°41'	218°39'	241°28'	59°56'	62°45'
14.10.2059	200°40'	284°36'	291°20'	225°31'	219°53'	242°10'	59°51'	62°42'
15.10.2059	201°39'	298°10'	305°06'	226°17'	221°08'	242°53'	59°47'	62°39'
16.10.2059	202°39'	312°08'	319°15'	227°00'	222°22'	243°36'	59°42'	62°36'
17.10.2059	203°38'	326°29'	333°47'	227°37'	223°37'	244°19'	59°36'	62°32'

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18.10.2059	204°38'	341°11'	348°38'	228°11'	224°51'	245°02'	59°31'	62°29'
19.10.2059	205°37'	356°08'	3°40'	228°38'	226°05'	245°45'	59°26'	62°26'
20.10.2059	206°37'	11°13'	18°46'	229°00'	227°20'	246°28'	59°20'	62°22'
21.10.2059	207°36'	26°17'	33°45'	229°16'	228°34'	247°11'	59°14'	62°19'
22.10.2059	208°36'	41°10'	48°30'	229°25'	229°49'	247°55'	59°08'	62°15'
23.10.2059	209°35'	55°45'	62°54'	229°26'	231°03'	248°38'	59°02'	62°12'
24.10.2059	210°35'	69°56'	76°52'	229°19'	232°17'	249°22'	58°56'	62°08'
25.10.2059	211°35'	83°41'	90°23'	229°04'	233°32'	250°05'	58°49'	62°04'
26.10.2059	212°35'	96°59'	103°29'	228°39'	234°46'	250°49'	58°43'	62°00'
27.10.2059	213°34'	109°53'	116°12'	228°06'	236°00'	251°32'	58°36'	61°56'
28.10.2059	214°34'	122°25'	128°35'	227°24'	237°15'	252°16'	58°29'	61°52'
29.10.2059	215°34'	134°41'	140°43'	226°33'	238°29'	253°00'	58°23'	61°48'
30.10.2059	216°34'	146°44'	152°42'	225°34'	239°43'	253°44'	58°16'	61°44'
31.10.2059	217°34'	158°38'	164°34'	224°27'	240°58'	254°28'	58°08'	61°40'
01.11.2059	218°34'	170°29'	176°23'	223°15'	242°12'	255°12'	58°01'	61°36'
02.11.2059	219°34'	182°19'	188°15'	221°59'	243°26'	255°56'	57°54'	61°31'
03.11.2059	220°34'	194°12'	200°10'	220°41'	244°41'	256°40'	57°46'	61°27'
04.11.2059	221°34'	206°10'	212°12'	219°24'	245°55'	257°24'	57°39'	61°23'
05.11.2059	222°34'	218°17'	224°23'	218°10'	247°09'	258°08'	57°31'	61°18'
06.11.2059	223°34'	230°32'	236°44'	217°01'	248°24'	258°53'	57°23'	61°14'
07.11.2059	224°35'	242°59'	249°16'	216°00'	249°38'	259°37'	57°16'	61°09'
08.11.2059	225°35'	255°37'	262°01'	215°08'	250°52'	260°22'	57°08'	61°04'
09.11.2059	226°35'	268°28'	274°59'	214°27'	252°06'	261°06'	57°00'	61°00'
10.11.2059	227°35'	281°33'	288°12'	213°57'	253°21'	261°51'	56°52'	60°55'
11.11.2059	228°36'	294°54'	301°40'	213°38'	254°35'	262°35'	56°44'	60°50'
12.11.2059	229°36'	308°29'	315°23'	213°32'	255°49'	263°20'	56°36'	60°46'
13.11.2059	230°36'	322°21'	329°23'	213°36'	257°04'	264°05'	56°28'	60°41'
14.11.2059	231°37'	336°29'	343°38'	213°51'	258°18'	264°50'	56°20'	60°36'
15.11.2059	232°37'	350°50'	358°05'	214°16'	259°32'	265°35'	56°11'	60°31'
16.11.2059	233°37'	5°23'	12°42'	214°50'	260°46'	266°20'	56°03'	60°26'
17.11.2059	234°38'	20°02'	27°22'	215°33'	262°00'	267°05'	55°55'	60°22'
18.11.2059	235°38'	34°42'	42°00'	216°22'	263°15'	267°50'	55°47'	60°17'
19.11.2059	236°39'	49°17'	56°30'	217°18'	264°29'	268°35'	55°39'	60°12'
20.11.2059	237°39'	63°40'	70°45'	218°19'	265°43'	269°20'	55°31'	60°07'
21.11.2059	238°40'	77°46'	84°41'	219°25'	266°57'	270°05'	55°22'	60°02'
22.11.2059	239°40'	91°31'	98°14'	220°35'	268°11'	270°51'	55°14'	59°57'
23.11.2059	240°41'	104°52'	111°24'	221°49'	269°25'	271°36'	55°06'	59°52'
24.11.2059	241°42'	117°51'	124°12'	223°06'	270°39'	272°21'	54°58'	59°47'
25.11.2059	242°42'	130°28'	136°39'	224°25'	271°54'	273°07'	54°50'	59°43'
26.11.2059	243°43'	142°47'	148°51'	225°47'	273°08'	273°52'	54°42'	59°38'
27.11.2059	244°44'	154°51'	160°50'	227°11'	274°22'	274°38'	54°34'	59°33'
28.11.2059	245°44'	166°46'	172°42'	228°36'	275°36'	275°24'	54°26'	59°28'
29.11.2059	246°45'	178°37'	184°32'	230°03'	276°50'	276°09'	54°18'	59°23'
30.11.2059	247°46'	190°27'	196°24'	231°30'	278°04'	276°55'	54°11'	59°18'
01.12.2059	248°47'	202°22'	208°23'	232°59'	279°18'	277°41'	54°03'	59°13'
02.12.2059	249°47'	214°26'	220°32'	234°28'	280°32'	278°27'	53°55'	59°09'
03.12.2059	250°48'	226°41'	232°54'	235°58'	281°46'	279°13'	53°48'	59°04'
04.12.2059	251°49'	239°11'	245°31'	237°29'	283°00'	279°59'	53°40'	58°59'
05.12.2059	252°50'	251°56'	258°24'	239°00'	284°14'	280°45'	53°33'	58°54'
06.12.2059	253°51'	264°56'	271°32'	240°31'	285°28'	281°31'	53°26'	58°50'
07.12.2059	254°52'	278°12'	284°55'	242°03'	286°42'	282°17'	53°19'	58°45'
08.12.2059	255°53'	291°42'	298°31'	243°35'	287°55'	283°03'	53°12'	58°41'
09.12.2059	256°54'	305°23'	312°18'	245°07'	289°09'	283°49'	53°05'	58°36'
10.12.2059	257°55'	319°14'	326°13'	246°39'	290°23'	284°35'	52°58'	58°32'
11.12.2059	258°56'	333°13'	340°15'	248°12'	291°37'	285°22'	52°52'	58°27'

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12.12.2059	259°57'	347°18'	354°22'	249°44'	292°51'	286°08'	52°45'	58°23'
13.12.2059	260°58'	1°26'	8°32'	251°17'	294°04'	286°54'	52°39'	58°18'
14.12.2059	261°59'	15°38'	22°44'	252°50'	295°18'	287°41'	52°33'	58°14'
15.12.2059	263°00'	29°50'	36°56'	254°23'	296°32'	288°27'	52°27'	58°10'
16.12.2059	264°01'	44°01'	51°06'	255°56'	297°46'	289°14'	52°21'	58°06'
17.12.2059	265°02'	58°08'	65°09'	257°29'	298°59'	290°00'	52°15'	58°02'
18.12.2059	266°03'	72°07'	79°02'	259°02'	300°13'	290°47'	52°09'	57°58'
19.12.2059	267°04'	85°54'	92°42'	260°36'	301°26'	291°33'	52°04'	57°54'
20.12.2059	268°05'	99°26'	106°06'	262°09'	302°40'	292°20'	51°59'	57°50'
21.12.2059	269°06'	112°41'	119°11'	263°43'	303°53'	293°07'	51°54'	57°46'
22.12.2059	270°07'	125°37'	131°58'	265°17'	305°07'	293°53'	51°49'	57°42'
23.12.2059	271°08'	138°14'	144°26'	266°51'	306°20'	294°40'	51°44'	57°39'
24.12.2059	272°09'	150°34'	156°38'	268°26'	307°33'	295°27'	51°40'	57°35'
25.12.2059	273°10'	162°40'	168°38'	270°00'	308°47'	296°14'	51°35'	57°31'
26.12.2059	274°11'	174°35'	180°31'	271°35'	310°00'	297°01'	51°31'	57°28'
27.12.2059	275°12'	186°25'	192°20'	273°10'	311°13'	297°48'	51°27'	57°25'
28.12.2059	276°13'	198°15'	204°12'	274°45'	312°26'	298°34'	51°23'	57°21'
29.12.2059	277°15'	210°10'	216°11'	276°20'	313°39'	299°21'	51°20'	57°18'
30.12.2059	278°16'	222°15'	228°23'	277°56'	314°52'	300°08'	51°16'	57°15'
31.12.2059	279°17'	234°35'	240°52'	279°32'	316°05'	300°55'	51°13'	57°12'
01.01.2060	280°18'	247°14'	253°41'	281°08'	317°18'	301°42'	51°10'	57°09'
02.01.2060	281°19'	260°13'	266°51'	282°45'	318°31'	302°29'	51°07'	57°06'
03.01.2060	282°20'	273°34'	280°23'	284°22'	319°44'	303°17'	51°04'	57°04'
04.01.2060	283°22'	287°15'	294°13'	285°59'	320°57'	304°04'	51°02'	57°01'
05.01.2060	284°23'	301°13'	308°17'	287°37'	322°10'	304°51'	51°00'	56°59'
06.01.2060	285°24'	315°24'	322°32'	289°15'	323°23'	305°38'	50°58'	56°56'
07.01.2060	286°25'	329°41'	336°51'	290°53'	324°35'	306°25'	50°56'	56°54'
08.01.2060	287°26'	344°00'	351°09'	292°32'	325°48'	307°12'	50°54'	56°52'
09.01.2060	288°28'	358°17'	5°23'	294°11'	327°00'	308°00'	50°53'	56°50'
10.01.2060	289°29'	12°28'	19°31'	295°50'	328°13'	308°47'	50°52'	56°48'
11.01.2060	290°30'	26°32'	33°31'	297°30'	329°25'	309°34'	50°51'	56°46'
12.01.2060	291°31'	40°28'	47°23'	299°10'	330°37'	310°21'	50°50'	56°44'
13.01.2060	292°32'	54°16'	61°07'	300°50'	331°49'	311°09'	50°50'	56°42'
14.01.2060	293°33'	67°56'	74°43'	302°31'	333°01'	311°56'	50°49'	56°41'
15.01.2060	294°34'	81°28'	88°10'	304°11'	334°13'	312°43'	50°49'	56°39'
16.01.2060	295°35'	94°50'	101°26'	305°52'	335°25'	313°31'	50°49'	56°38'
17.01.2060	296°36'	108°00'	114°31'	307°32'	336°37'	314°18'	50°50'	56°36'
18.01.2060	297°38'	120°58'	127°22'	309°13'	337°49'	315°05'	50°50'	56°35'
19.01.2060	298°39'	133°42'	139°59'	310°53'	339°01'	315°53'	50°51'	56°34'
20.01.2060	299°40'	146°12'	152°21'	312°33'	340°12'	316°40'	50°52'	56°33'
21.01.2060	300°41'	158°27'	164°30'	314°13'	341°24'	317°27'	50°53'	56°33'
22.01.2060	301°42'	170°31'	176°29'	315°51'	342°35'	318°15'	50°54'	56°32'
23.01.2060	302°43'	182°25'	188°20'	317°29'	343°46'	319°02'	50°56'	56°31'
24.01.2060	303°44'	194°14'	200°08'	319°05'	344°57'	319°50'	50°57'	56°31'
25.01.2060	304°45'	206°03'	211°58'	320°39'	346°08'	320°37'	50°59'	56°30'
26.01.2060	305°46'	217°56'	223°56'	322°12'	347°19'	321°25'	51°01'	56°30'
27.01.2060	306°47'	229°59'	236°07'	323°41'	348°30'	322°12'	51°04'	56°30'
28.01.2060	307°48'	242°18'	248°36'	325°08'	349°41'	322°59'	51°06'	56°30'
29.01.2060	308°49'	254°58'	261°27'	326°31'	350°51'	323°47'	51°09'	56°30'
30.01.2060	309°50'	268°03'	274°45'	327°50'	352°02'	324°34'	51°12'	56°30'
31.01.2060	310°51'	281°34'	288°30'	329°04'	353°12'	325°22'	51°15'	56°31'
01.02.2060	311°52'	295°31'	302°39'	330°12'	354°22'	326°09'	51°18'	56°31'
02.02.2060	312°53'	309°51'	317°08'	331°14'	355°32'	326°57'	51°22'	56°32'
03.02.2060	313°54'	324°27'	331°50'	332°08'	356°42'	327°44'	51°25'	56°32'
04.02.2060	314°55'	339°13'	346°36'	332°54'	357°52'	328°32'	51°29'	56°33'

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05.02.2060	315°55'	353°59'	1°20'	333°31'	359°02'	329°19'	51°33'	56°34'
06.02.2060	316°56'	8°38'	15°53'	333°59'	0°11'	330°07'	51°38'	56°35'
07.02.2060	317°57'	23°05'	30°13'	334°16'	1°20'	330°54'	51°42'	56°36'
08.02.2060	318°58'	37°17'	44°17'	334°23'	2°29'	331°42'	51°47'	56°37'
09.02.2060	319°59'	51°12'	58°04'	334°19'	3°38'	332°29'	51°51'	56°38'
10.02.2060	320°59'	64°52'	71°36'	334°04'	4°47'	333°16'	51°56'	56°40'
11.02.2060	322°00'	78°16'	84°54'	333°38'	5°56'	334°04'	52°02'	56°41'
12.02.2060	323°01'	91°28'	97°59'	333°02'	7°04'	334°51'	52°07'	56°43'
13.02.2060	324°02'	104°28'	110°54'	332°17'	8°13'	335°39'	52°12'	56°45'
14.02.2060	325°02'	117°17'	123°37'	331°24'	9°21'	336°26'	52°18'	56°47'
15.02.2060	326°03'	129°55'	136°10'	330°24'	10°29'	337°13'	52°24'	56°49'
16.02.2060	327°03'	142°22'	148°32'	329°20'	11°36'	338°01'	52°30'	56°51'
17.02.2060	328°04'	154°39'	160°43'	328°12'	12°44'	338°48'	52°36'	56°53'
18.02.2060	329°05'	166°46'	172°46'	327°03'	13°51'	339°36'	52°42'	56°55'
19.02.2060	330°05'	178°44'	184°40'	325°55'	14°58'	340°23'	52°49'	56°58'
20.02.2060	331°06'	190°35'	196°29'	324°49'	16°05'	341°10'	52°56'	57°00'
21.02.2060	332°06'	202°23'	208°17'	323°46'	17°11'	341°58'	53°02'	57°03'
22.02.2060	333°07'	214°11'	220°06'	322°49'	18°18'	342°45'	53°09'	57°06'
23.02.2060	334°07'	226°03'	232°02'	321°57'	19°24'	343°32'	53°17'	57°09'
24.02.2060	335°07'	238°04'	244°10'	321°12'	20°30'	344°19'	53°24'	57°11'
25.02.2060	336°08'	250°20'	256°36'	320°34'	21°35'	345°07'	53°31'	57°14'
26.02.2060	337°08'	262°57'	269°24'	320°04'	22°40'	345°54'	53°39'	57°18'
27.02.2060	338°09'	275°58'	282°39'	319°40'	23°46'	346°41'	53°47'	57°21'
28.02.2060	339°09'	289°28'	296°23'	319°24'	24°50'	347°28'	53°55'	57°24'
29.02.2060	340°09'	303°27'	310°37'	319°16'	25°55'	348°15'	54°03'	57°28'
01.03.2060	341°09'	317°53'	325°15'	319°13'	26°59'	349°02'	54°11'	57°31'
02.03.2060	342°10'	332°42'	340°12'	319°18'	28°03'	349°50'	54°19'	57°35'
03.03.2060	343°10'	347°45'	355°19'	319°29'	29°07'	350°37'	54°28'	57°38'
04.03.2060	344°10'	2°52'	10°25'	319°45'	30°10'	351°24'	54°36'	57°42'
05.03.2060	345°10'	17°55'	25°21'	320°07'	31°13'	352°11'	54°45'	57°46'
06.03.2060	346°10'	32°43'	40°00'	320°34'	32°15'	352°58'	54°54'	57°50'
07.03.2060	347°10'	47°12'	54°19'	321°06'	33°18'	353°45'	55°03'	57°54'
08.03.2060	348°10'	61°20'	68°15'	321°42'	34°20'	354°32'	55°12'	57°58'
09.03.2060	349°10'	75°04'	81°48'	322°22'	35°21'	355°19'	55°21'	58°03'
10.03.2060	350°10'	88°27'	95°02'	323°06'	36°22'	356°06'	55°30'	58°07'
11.03.2060	351°10'	101°31'	107°57'	323°54'	37°23'	356°53'	55°40'	58°12'
12.03.2060	352°10'	114°19'	120°37'	324°45'	38°23'	357°39'	55°49'	58°16'
13.03.2060	353°10'	126°53'	133°05'	325°40'	39°23'	358°26'	55°59'	58°21'
14.03.2060	354°10'	139°15'	145°22'	326°37'	40°23'	359°13'	56°09'	58°25'
15.03.2060	355°10'	151°27'	157°30'	327°37'	41°22'	360°00'	56°19'	58°30'
16.03.2060	356°10'	163°31'	169°31'	328°40'	42°20'	0°47'	56°29'	58°35'
17.03.2060	357°09'	175°29'	181°25'	329°45'	43°18'	1°33'	56°39'	58°40'
18.03.2060	358°09'	187°21'	193°16'	330°52'	44°16'	2°20'	56°49'	58°45'
19.03.2060	359°09'	199°10'	205°04'	332°02'	45°13'	3°06'	57°00'	58°50'
20.03.2060	0°08'	210°58'	216°52'	333°14'	46°09'	3°53'	57°10'	58°55'
21.03.2060	1°08'	222°47'	228°43'	334°27'	47°05'	4°40'	57°21'	59°01'
22.03.2060	2°07'	234°41'	240°41'	335°43'	48°00'	5°26'	57°32'	59°06'
23.03.2060	3°07'	246°44'	252°51'	337°00'	48°55'	6°13'	57°42'	59°11'
24.03.2060	4°07'	259°01'	265°15'	338°20'	49°49'	6°59'	57°53'	59°17'
25.03.2060	5°06'	271°35'	278°00'	339°41'	50°43'	7°46'	58°04'	59°22'
26.03.2060	6°05'	284°32'	291°09'	341°03'	51°36'	8°32'	58°15'	59°28'
27.03.2060	7°05'	297°54'	304°46'	342°27'	52°28'	9°18'	58°27'	59°34'
28.03.2060	8°04'	311°45'	318°51'	343°53'	53°19'	10°05'	58°38'	59°39'
29.03.2060	9°04'	326°04'	333°23'	345°21'	54°10'	10°51'	58°49'	59°45'
30.03.2060	10°03'	340°47'	348°17'	346°50'	55°00'	11°37'	59°01'	59°51'

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31.03.2060	11°02'	355°50'	3°26'	348°20'	55°49'	12°23'	59°12'	59°57'
01.04.2060	12°02'	11°03'	18°40'	349°52'	56°37'	13°09'	59°24'	60°03'
02.04.2060	13°01'	26°16'	33°50'	351°25'	57°25'	13°56'	59°35'	60°09'
03.04.2060	14°00'	41°20'	48°46'	353°00'	58°12'	14°42'	59°47'	60°15'
04.04.2060	14°59'	56°06'	63°20'	354°37'	58°57'	15°28'	59°59'	60°21'
05.04.2060	15°58'	70°29'	77°30'	356°14'	59°42'	16°14'	60°11'	60°28'
06.04.2060	16°57'	84°26'	91°14'	357°54'	60°26'	17°00'	60°23'	60°34'
07.04.2060	17°56'	97°57'	104°33'	359°34'	61°09'	17°45'	60°35'	60°40'
08.04.2060	18°55'	111°04'	117°29'	1°16'	61°50'	18°31'	60°47'	60°47'
09.04.2060	19°54'	123°49'	130°05'	3°00'	62°31'	19°17'	60°59'	60°53'
10.04.2060	20°53'	136°17'	142°26'	4°45'	63°11'	20°03'	61°12'	61°00'
11.04.2060	21°52'	148°31'	154°34'	6°32'	63°49'	20°49'	61°24'	61°06'
12.04.2060	22°51'	160°34'	166°33'	8°20'	64°26'	21°34'	61°36'	61°13'
13.04.2060	23°50'	172°30'	178°25'	10°09'	65°01'	22°20'	61°49'	61°20'
14.04.2060	24°49'	184°20'	190°15'	12°01'	65°36'	23°05'	62°02'	61°27'
15.04.2060	25°47'	196°09'	202°03'	13°53'	66°09'	23°51'	62°14'	61°33'
16.04.2060	26°46'	207°57'	213°52'	15°47'	66°40'	24°36'	62°27'	61°40'
17.04.2060	27°45'	219°48'	225°45'	17°43'	67°10'	25°22'	62°40'	61°47'
18.04.2060	28°44'	231°43'	237°43'	19°40'	67°39'	26°07'	62°52'	61°54'
19.04.2060	29°42'	243°45'	249°49'	21°39'	68°06'	26°53'	63°05'	62°01'
20.04.2060	30°41'	255°56'	262°06'	23°39'	68°31'	27°38'	63°18'	62°08'
21.04.2060	31°39'	268°20'	274°37'	25°41'	68°54'	28°23'	63°31'	62°15'
22.04.2060	32°38'	280°58'	287°24'	27°44'	69°16'	29°08'	63°44'	62°22'
23.04.2060	33°36'	293°56'	300°32'	29°48'	69°36'	29°53'	63°57'	62°29'
24.04.2060	34°35'	307°14'	314°02'	31°54'	69°54'	30°39'	64°10'	62°36'
25.04.2060	35°33'	320°56'	327°56'	34°00'	70°10'	31°24'	64°23'	62°44'
26.04.2060	36°32'	335°01'	342°13'	36°08'	70°23'	32°09'	64°36'	62°51'
27.04.2060	37°30'	349°30'	356°52'	38°16'	70°35'	32°54'	64°50'	62°58'
28.04.2060	38°29'	4°18'	11°47'	40°25'	70°45'	33°39'	65°03'	63°05'
29.04.2060	39°27'	19°19'	26°52'	42°34'	70°53'	34°23'	65°16'	63°13'
30.04.2060	40°25'	34°26'	41°58'	44°43'	70°58'	35°08'	65°30'	63°20'
01.05.2060	41°24'	49°29'	56°56'	46°52'	71°01'	35°53'	65°43'	63°27'
02.05.2060	42°22'	64°19'	71°38'	49°00'	71°02'	36°38'	65°56'	63°35'
03.05.2060	43°20'	78°51'	85°57'	51°08'	71°00'	37°22'	66°10'	63°42'
04.05.2060	44°18'	92°58'	99°51'	53°14'	70°56'	38°07'	66°23'	63°50'
05.05.2060	45°16'	106°38'	113°18'	55°19'	70°49'	38°52'	66°37'	63°57'
06.05.2060	46°15'	119°52'	126°20'	57°23'	70°40'	39°36'	66°51'	64°05'
07.05.2060	47°13'	132°42'	138°58'	59°24'	70°29'	40°20'	67°04'	64°12'
08.05.2060	48°11'	145°10'	151°18'	61°23'	70°15'	41°05'	67°18'	64°20'
09.05.2060	49°09'	157°22'	163°24'	63°20'	69°58'	41°49'	67°32'	64°28'
10.05.2060	50°07'	169°22'	175°19'	65°14'	69°40'	42°34'	67°45'	64°35'
11.05.2060	51°05'	181°14'	187°08'	67°05'	69°19'	43°18'	67°59'	64°43'
12.05.2060	52°03'	193°02'	198°56'	68°54'	68°55'	44°02'	68°13'	64°50'
13.05.2060	53°01'	204°50'	210°45'	70°39'	68°30'	44°46'	68°26'	64°58'
14.05.2060	53°59'	216°41'	222°39'	72°21'	68°02'	45°30'	68°40'	65°06'
15.05.2060	54°56'	228°38'	234°39'	74°00'	67°33'	46°14'	68°54'	65°13'
16.05.2060	55°54'	240°42'	246°48'	75°35'	67°02'	46°58'	69°08'	65°21'
17.05.2060	56°52'	252°57'	259°08'	77°07'	66°29'	47°42'	69°22'	65°29'
18.05.2060	57°50'	265°23'	271°40'	78°35'	65°55'	48°26'	69°36'	65°37'
19.05.2060	58°48'	278°01'	284°25'	80°00'	65°20'	49°10'	69°49'	65°44'
20.05.2060	59°45'	290°52'	297°24'	81°21'	64°43'	49°53'	70°03'	65°52'
21.05.2060	60°43'	303°59'	310°38'	82°39'	64°06'	50°37'	70°17'	66°00'
22.05.2060	61°41'	317°22'	324°09'	83°52'	63°29'	51°21'	70°31'	66°08'
23.05.2060	62°39'	331°01'	337°57'	85°02'	62°51'	52°04'	70°45'	66°15'
24.05.2060	63°36'	344°58'	352°02'	86°08'	62°14'	52°48'	70°59'	66°23'

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25.05.2060	64°34'	359°11'	6°23'	87°11'	61°36'	53°31'	71°13'	66°31'
26.05.2060	65°32'	13°39'	20°58'	88°09'	60°59'	54°15'	71°27'	66°39'
27.05.2060	66°29'	28°19'	35°42'	89°04'	60°23'	54°58'	71°41'	66°47'
28.05.2060	67°27'	43°06'	50°30'	89°54'	59°48'	55°42'	71°55'	66°54'
29.05.2060	68°24'	57°53'	65°14'	90°40'	59°13'	56°25'	72°09'	67°02'
30.05.2060	69°22'	72°33'	79°48'	91°22'	58°41'	57°08'	72°23'	67°10'
31.05.2060	70°20'	86°59'	94°05'	91°59'	58°09'	57°51'	72°37'	67°18'
01.06.2060	71°17'	101°05'	108°00'	92°33'	57°40'	58°35'	72°51'	67°25'
02.06.2060	72°15'	114°48'	121°30'	93°01'	57°12'	59°18'	73°05'	67°33'
03.06.2060	73°12'	128°06'	134°36'	93°26'	56°46'	60°01'	73°19'	67°41'
04.06.2060	74°10'	140°59'	147°17'	93°45'	56°22'	60°44'	73°33'	67°49'
05.06.2060	75°07'	153°30'	159°39'	94°00'	56°01'	61°26'	73°47'	67°56'
06.06.2060	76°05'	165°44'	171°45'	94°11'	55°42'	62°09'	74°01'	68°04'
07.06.2060	77°02'	177°43'	183°40'	94°16'	55°24'	62°52'	74°15'	68°12'
08.06.2060	77°59'	189°35'	195°29'	94°18'	55°10'	63°35'	74°29'	68°20'
09.06.2060	78°57'	201°23'	207°17'	94°14'	54°58'	64°18'	74°43'	68°27'
10.06.2060	79°54'	213°12'	219°09'	94°07'	54°48'	65°00'	74°57'	68°35'
11.06.2060	80°51'	225°07'	231°08'	93°55'	54°40'	65°43'	75°11'	68°43'
12.06.2060	81°49'	237°12'	243°18'	93°39'	54°35'	66°25'	75°25'	68°50'
13.06.2060	82°46'	249°28'	255°41'	93°19'	54°32'	67°08'	75°39'	68°58'
14.06.2060	83°43'	261°57'	268°18'	92°56'	54°32'	67°50'	75°53'	69°06'
15.06.2060	84°41'	274°42'	281°09'	92°30'	54°34'	68°32'	76°06'	69°13'
16.06.2060	85°38'	287°40'	294°15'	92°01'	54°38'	69°15'	76°20'	69°21'
17.06.2060	86°35'	300°53'	307°34'	91°30'	54°45'	69°57'	76°34'	69°28'
18.06.2060	87°33'	314°18'	321°05'	90°58'	54°54'	70°39'	76°48'	69°36'
19.06.2060	88°30'	327°55'	334°47'	90°24'	55°04'	71°21'	77°02'	69°43'
20.06.2060	89°27'	341°42'	348°39'	89°49'	55°17'	72°03'	77°16'	69°51'
21.06.2060	90°24'	355°38'	2°40'	89°15'	55°32'	72°46'	77°29'	69°58'
22.06.2060	91°22'	9°44'	16°49'	88°41'	55°49'	73°28'	77°43'	70°06'
23.06.2060	92°19'	23°57'	31°06'	88°09'	56°08'	74°09'	77°57'	70°13'
24.06.2060	93°16'	38°16'	45°27'	87°38'	56°28'	74°51'	78°11'	70°21'
25.06.2060	94°13'	52°39'	59°50'	87°10'	56°51'	75°33'	78°24'	70°28'
26.06.2060	95°11'	67°02'	74°12'	86°44'	57°15'	76°15'	78°38'	70°35'
27.06.2060	96°08'	81°20'	88°25'	86°22'	57°40'	76°57'	78°52'	70°43'
28.06.2060	97°05'	95°28'	102°27'	86°03'	58°07'	77°38'	79°05'	70°50'
29.06.2060	98°02'	109°21'	116°11'	85°48'	58°36'	78°20'	79°19'	70°57'
30.06.2060	99°00'	122°56'	129°35'	85°38'	59°06'	79°02'	79°32'	71°04'
01.07.2060	99°57'	136°09'	142°37'	85°31'	59°38'	79°43'	79°46'	71°12'
02.07.2060	100°54'	149°00'	155°18'	85°30'	60°11'	80°25'	79°59'	71°19'
03.07.2060	101°51'	161°31'	167°40'	85°33'	60°45'	81°06'	80°13'	71°26'
04.07.2060	102°49'	173°44'	179°46'	85°41'	61°20'	81°47'	80°26'	71°33'
05.07.2060	103°46'	185°44'	191°41'	85°55'	61°57'	82°29'	80°40'	71°40'
06.07.2060	104°43'	197°36'	203°30'	86°13'	62°35'	83°10'	80°53'	71°47'
07.07.2060	105°40'	209°24'	215°19'	86°36'	63°14'	83°51'	81°06'	71°54'
08.07.2060	106°37'	221°15'	227°13'	87°05'	63°54'	84°32'	81°20'	72°01'
09.07.2060	107°35'	233°14'	239°17'	87°38'	64°35'	85°13'	81°33'	72°08'
10.07.2060	108°32'	245°24'	251°35'	88°16'	65°17'	85°54'	81°46'	72°14'
11.07.2060	109°29'	257°50'	264°09'	89°00'	66°00'	86°35'	81°59'	72°21'
12.07.2060	110°26'	270°33'	277°02'	89°48'	66°44'	87°16'	82°12'	72°28'
13.07.2060	111°23'	283°36'	290°14'	90°41'	67°29'	87°57'	82°25'	72°35'
14.07.2060	112°21'	296°57'	303°43'	91°39'	68°14'	88°38'	82°38'	72°41'
15.07.2060	113°18'	310°33'	317°27'	92°42'	69°01'	89°19'	82°51'	72°48'
16.07.2060	114°15'	324°23'	331°22'	93°49'	69°48'	89°59'	83°04'	72°54'
17.07.2060	115°12'	338°22'	345°24'	95°01'	70°36'	90°40'	83°17'	73°01'
18.07.2060	116°09'	352°27'	359°30'	96°17'	71°25'	91°21'	83°30'	73°07'

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19.07.2060	117°07'	6°34'	13°38'	97°38'	72°15'	92°01'	83°42'	73°14'
20.07.2060	118°04'	20°42'	27°46'	99°03'	73°05'	92°42'	83°55'	73°20'
21.07.2060	119°01'	34°50'	41°53'	100°33'	73°56'	93°22'	84°08'	73°26'
22.07.2060	119°59'	48°56'	55°58'	102°07'	74°47'	94°03'	84°20'	73°32'
23.07.2060	120°56'	62°59'	70°00'	103°44'	75°40'	94°43'	84°33'	73°38'
24.07.2060	121°53'	76°59'	83°56'	105°26'	76°32'	95°23'	84°45'	73°45'
25.07.2060	122°50'	90°52'	97°45'	107°11'	77°26'	96°03'	84°57'	73°51'
26.07.2060	123°48'	104°36'	111°23'	108°59'	78°20'	96°44'	85°10'	73°57'
27.07.2060	124°45'	118°08'	124°48'	110°50'	79°14'	97°24'	85°22'	74°02'
28.07.2060	125°43'	131°24'	137°57'	112°45'	80°09'	98°04'	85°34'	74°08'
29.07.2060	126°40'	144°24'	150°48'	114°42'	81°04'	98°44'	85°46'	74°14'
30.07.2060	127°37'	157°07'	163°21'	116°41'	82°00'	99°24'	85°58'	74°20'
31.07.2060	128°35'	169°32'	175°38'	118°41'	82°57'	100°04'	86°10'	74°25'
01.08.2060	129°32'	181°41'	187°42'	120°44'	83°54'	100°44'	86°22'	74°31'
02.08.2060	130°30'	193°39'	199°35'	122°47'	84°51'	101°24'	86°34'	74°36'
03.08.2060	131°27'	205°30'	211°24'	124°52'	85°49'	102°03'	86°46'	74°42'
04.08.2060	132°24'	217°18'	223°13'	126°57'	86°47'	102°43'	86°57'	74°47'
05.08.2060	133°22'	229°09'	235°07'	129°02'	87°45'	103°23'	87°09'	74°52'
06.08.2060	134°19'	241°08'	247°13'	131°07'	88°44'	104°03'	87°20'	74°58'
07.08.2060	135°17'	253°21'	259°34'	133°11'	89°43'	104°42'	87°32'	75°03'
08.08.2060	136°14'	265°52'	272°15'	135°16'	90°43'	105°22'	87°43'	75°08'
09.08.2060	137°12'	278°44'	285°19'	137°19'	91°43'	106°01'	87°54'	75°13'
10.08.2060	138°09'	291°59'	298°46'	139°22'	92°43'	106°41'	88°06'	75°18'
11.08.2060	139°07'	305°38'	312°34'	141°23'	93°44'	107°20'	88°17'	75°23'
12.08.2060	140°04'	319°36'	326°41'	143°24'	94°45'	107°59'	88°28'	75°27'
13.08.2060	141°02'	333°50'	341°02'	145°23'	95°46'	108°39'	88°39'	75°32'
14.08.2060	141°59'	348°15'	355°29'	147°21'	96°48'	109°18'	88°49'	75°37'
15.08.2060	142°57'	2°44'	9°58'	149°17'	97°50'	109°57'	89°00'	75°41'
16.08.2060	143°55'	17°11'	24°23'	151°13'	98°52'	110°36'	89°11'	75°46'
17.08.2060	144°52'	31°33'	38°41'	153°07'	99°55'	111°15'	89°21'	75°50'
18.08.2060	145°50'	45°47'	52°50'	154°59'	100°58'	111°54'	89°32'	75°54'
19.08.2060	146°48'	59°51'	66°49'	156°50'	102°01'	112°33'	89°42'	75°58'
20.08.2060	147°46'	73°44'	80°37'	158°40'	103°04'	113°12'	89°52'	76°03'
21.08.2060	148°43'	87°27'	94°14'	160°28'	104°08'	113°51'	90°02'	76°07'
22.08.2060	149°41'	100°59'	107°41'	162°15'	105°12'	114°30'	90°12'	76°10'
23.08.2060	150°39'	114°20'	120°55'	164°00'	106°16'	115°08'	90°22'	76°14'
24.08.2060	151°37'	127°28'	133°57'	165°44'	107°21'	115°47'	90°32'	76°18'
25.08.2060	152°35'	140°23'	146°46'	167°27'	108°25'	116°26'	90°42'	76°22'
26.08.2060	153°33'	153°05'	159°21'	169°08'	109°30'	117°05'	90°51'	76°25'
27.08.2060	154°30'	165°33'	171°42'	170°48'	110°35'	117°43'	91°01'	76°29'
28.08.2060	155°28'	177°48'	183°51'	172°27'	111°40'	118°22'	91°10'	76°32'
29.08.2060	156°26'	189°51'	195°49'	174°04'	112°46'	119°00'	91°19'	76°35'
30.08.2060	157°24'	201°45'	207°40'	175°40'	113°52'	119°38'	91°29'	76°39'
31.08.2060	158°22'	213°33'	219°27'	177°15'	114°58'	120°17'	91°38'	76°42'
01.09.2060	159°20'	225°20'	231°14'	178°48'	116°04'	120°55'	91°46'	76°45'
02.09.2060	160°19'	237°10'	243°08'	180°20'	117°10'	121°33'	91°55'	76°47'
03.09.2060	161°17'	249°08'	255°12'	181°51'	118°17'	122°12'	92°04'	76°50'
04.09.2060	162°15'	261°20'	267°33'	183°21'	119°23'	122°50'	92°12'	76°53'
05.09.2060	163°13'	273°50'	280°14'	184°49'	120°30'	123°28'	92°21'	76°56'
06.09.2060	164°11'	286°44'	293°20'	186°16'	121°37'	124°06'	92°29'	76°58'
07.09.2060	165°09'	300°02'	306°52'	187°42'	122°45'	124°44'	92°37'	77°00'
08.09.2060	166°07'	313°48'	320°50'	189°06'	123°52'	125°22'	92°45'	77°03'
09.09.2060	167°06'	327°58'	335°11'	190°29'	125°00'	125°59'	92°53'	77°05'
10.09.2060	168°04'	342°29'	349°51'	191°51'	126°08'	126°37'	93°01'	77°07'
11.09.2060	169°02'	357°15'	4°41'	193°11'	127°16'	127°15'	93°08'	77°09'

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12.09.2060	170°01'	12°08'	19°34'	194°30'	128°24'	127°53'	93°16'	77°11'
13.09.2060	170°59'	26°59'	34°22'	195°47'	129°32'	128°30'	93°23'	77°13'
14.09.2060	171°57'	41°42'	48°59'	197°03'	130°40'	129°08'	93°30'	77°14'
15.09.2060	172°56'	56°12'	63°21'	198°17'	131°49'	129°46'	93°37'	77°16'
16.09.2060	173°54'	70°25'	77°25'	199°29'	132°58'	130°23'	93°44'	77°17'
17.09.2060	174°53'	84°20'	91°11'	200°39'	134°07'	131°00'	93°50'	77°19'
18.09.2060	175°51'	97°57'	104°39'	201°48'	135°16'	131°38'	93°57'	77°20'
19.09.2060	176°50'	111°17'	117°51'	202°54'	136°25'	132°15'	94°03'	77°21'
20.09.2060	177°48'	124°21'	130°47'	203°59'	137°34'	132°52'	94°10'	77°22'
21.09.2060	178°47'	137°10'	143°29'	205°01'	138°44'	133°30'	94°16'	77°23'
22.09.2060	179°46'	149°45'	155°59'	206°01'	139°54'	134°07'	94°22'	77°24'
23.09.2060	180°44'	162°09'	168°17'	206°58'	141°03'	134°44'	94°27'	77°24'
24.09.2060	181°43'	174°22'	180°25'	207°52'	142°13'	135°21'	94°33'	77°25'
25.09.2060	182°42'	186°25'	192°24'	208°43'	143°23'	135°58'	94°38'	77°26'
26.09.2060	183°41'	198°21'	204°16'	209°31'	144°33'	136°35'	94°43'	77°26'
27.09.2060	184°40'	210°11'	216°04'	210°16'	145°44'	137°12'	94°49'	77°26'
28.09.2060	185°39'	221°57'	227°50'	210°56'	146°54'	137°48'	94°53'	77°26'
29.09.2060	186°37'	233°44'	239°38'	211°33'	148°05'	138°25'	94°58'	77°26'
30.09.2060	187°36'	245°34'	251°31'	212°05'	149°15'	139°02'	95°03'	77°26'
01.10.2060	188°35'	257°32'	263°35'	212°32'	150°26'	139°38'	95°07'	77°26'
02.10.2060	189°34'	269°42'	275°53'	212°53'	151°37'	140°15'	95°11'	77°26'
03.10.2060	190°33'	282°09'	288°31'	213°09'	152°48'	140°51'	95°15'	77°25'
04.10.2060	191°32'	294°58'	301°31'	213°19'	153°59'	141°28'	95°19'	77°25'
05.10.2060	192°32'	308°12'	314°59'	213°22'	155°10'	142°04'	95°23'	77°24'
06.10.2060	193°31'	321°53'	328°53'	213°18'	156°21'	142°41'	95°26'	77°23'
07.10.2060	194°30'	336°01'	343°15'	213°06'	157°33'	143°17'	95°30'	77°23'
08.10.2060	195°29'	350°35'	358°00'	212°47'	158°44'	143°53'	95°33'	77°22'
09.10.2060	196°28'	5°29'	13°01'	212°19'	159°56'	144°29'	95°36'	77°21'
10.10.2060	197°27'	20°35'	28°10'	211°44'	161°08'	145°05'	95°38'	77°19'
11.10.2060	198°27'	35°45'	43°18'	211°00'	162°19'	145°41'	95°41'	77°18'
12.10.2060	199°26'	50°49'	58°16'	210°09'	163°31'	146°17'	95°43'	77°17'
13.10.2060	200°25'	65°39'	72°57'	209°11'	164°43'	146°53'	95°45'	77°15'
14.10.2060	201°25'	80°09'	87°15'	208°07'	165°55'	147°28'	95°47'	77°14'
15.10.2060	202°24'	94°16'	101°10'	206°58'	167°08'	148°04'	95°49'	77°12'
16.10.2060	203°24'	107°58'	114°39'	205°46'	168°20'	148°40'	95°51'	77°10'
17.10.2060	204°23'	121°16'	127°46'	204°32'	169°32'	149°15'	95°52'	77°08'
18.10.2060	205°23'	134°12'	140°33'	203°20'	170°45'	149°51'	95°53'	77°06'
19.10.2060	206°22'	146°50'	153°03'	202°10'	171°57'	150°26'	95°54'	77°04'
20.10.2060	207°22'	159°12'	165°19'	201°06'	173°10'	151°02'	95°55'	77°02'
21.10.2060	208°22'	171°22'	177°23'	200°08'	174°23'	151°37'	95°56'	77°00'
22.10.2060	209°21'	183°23'	189°20'	199°19'	175°36'	152°12'	95°56'	76°57'
23.10.2060	210°21'	195°17'	201°12'	198°40'	176°48'	152°47'	95°56'	76°55'
24.10.2060	211°21'	207°06'	213°00'	198°11'	178°01'	153°22'	95°56'	76°52'
25.10.2060	212°21'	218°53'	224°47'	197°54'	179°14'	153°57'	95°56'	76°49'
26.10.2060	213°20'	230°41'	236°35'	197°48'	180°28'	154°32'	95°56'	76°47'
27.10.2060	214°20'	242°30'	248°27'	197°54'	181°41'	155°07'	95°55'	76°44'
28.10.2060	215°20'	254°25'	260°24'	198°10'	182°54'	155°42'	95°54'	76°41'
29.10.2060	216°20'	266°27'	272°31'	198°36'	184°07'	156°16'	95°53'	76°38'
30.10.2060	217°20'	278°39'	284°51'	199°12'	185°21'	156°51'	95°52'	76°34'
31.10.2060	218°20'	291°06'	297°26'	199°56'	186°34'	157°25'	95°50'	76°31'
01.11.2060	219°20'	303°51'	310°22'	200°48'	187°48'	158°00'	95°49'	76°28'
02.11.2060	220°20'	316°58'	323°40'	201°47'	189°01'	158°34'	95°47'	76°24'
03.11.2060	221°20'	330°28'	337°23'	202°52'	190°15'	159°08'	95°45'	76°21'
04.11.2060	222°20'	344°24'	351°32'	204°02'	191°28'	159°42'	95°43'	76°17'
05.11.2060	223°20'	358°46'	6°06'	205°16'	192°42'	160°16'	95°40'	76°14'

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06.11.2060	224°20'	13°31'	21°01'	206°34'	193°56'	160°50'	95°38'	76°10'
07.11.2060	225°20'	28°34'	36°10'	207°56'	195°10'	161°24'	95°35'	76°06'
08.11.2060	226°21'	43°47'	51°25'	209°20'	196°24'	161°58'	95°32'	76°02'
09.11.2060	227°21'	59°01'	66°35'	210°47'	197°37'	162°31'	95°29'	75°58'
10.11.2060	228°21'	74°05'	81°30'	212°15'	198°51'	163°05'	95°25'	75°54'
11.11.2060	229°21'	88°50'	96°04'	213°45'	200°06'	163°38'	95°22'	75°50'
12.11.2060	230°22'	103°11'	110°12'	215°17'	201°20'	164°12'	95°18'	75°46'
13.11.2060	231°22'	117°05'	123°51'	216°49'	202°34'	164°45'	95°14'	75°42'
14.11.2060	232°22'	130°30'	137°02'	218°22'	203°48'	165°18'	95°10'	75°38'
15.11.2060	233°23'	143°28'	149°48'	219°56'	205°02'	165°51'	95°05'	75°33'
16.11.2060	234°23'	156°04'	162°14'	221°30'	206°17'	166°24'	95°01'	75°29'
17.11.2060	235°24'	168°21'	174°24'	223°05'	207°31'	166°57'	94°56'	75°24'
18.11.2060	236°24'	180°24'	186°21'	224°40'	208°45'	167°30'	94°51'	75°20'
19.11.2060	237°25'	192°17'	198°12'	226°15'	210°00'	168°02'	94°46'	75°15'
20.11.2060	238°25'	204°05'	209°59'	227°50'	211°14'	168°35'	94°41'	75°11'
21.11.2060	239°26'	215°52'	221°45'	229°26'	212°29'	169°07'	94°36'	75°06'
22.11.2060	240°27'	227°39'	233°35'	231°01'	213°43'	169°39'	94°30'	75°02'
23.11.2060	241°27'	239°31'	245°28'	232°36'	214°58'	170°11'	94°25'	74°57'
24.11.2060	242°28'	251°28'	257°29'	234°11'	216°12'	170°43'	94°19'	74°52'
25.11.2060	243°29'	263°32'	269°37'	235°46'	217°27'	171°15'	94°13'	74°47'
26.11.2060	244°29'	275°44'	281°54'	237°21'	218°42'	171°47'	94°07'	74°43'
27.11.2060	245°30'	288°07'	294°23'	238°56'	219°56'	172°19'	94°00'	74°38'
28.11.2060	246°31'	300°42'	307°05'	240°31'	221°11'	172°50'	93°54'	74°33'
29.11.2060	247°31'	313°31'	320°01'	242°06'	222°26'	173°22'	93°47'	74°28'
30.11.2060	248°32'	326°35'	333°15'	243°40'	223°41'	173°53'	93°41'	74°23'
01.12.2060	249°33'	339°58'	346°47'	245°15'	224°55'	174°24'	93°34'	74°18'
02.12.2060	250°34'	353°42'	0°41'	246°49'	226°10'	174°55'	93°27'	74°13'
03.12.2060	251°35'	7°46'	14°57'	248°24'	227°25'	175°26'	93°20'	74°08'
04.12.2060	252°36'	22°12'	29°32'	249°58'	228°40'	175°56'	93°13'	74°03'
05.12.2060	253°36'	36°57'	44°24'	251°32'	229°55'	176°27'	93°06'	73°59'
06.12.2060	254°37'	51°54'	59°26'	253°07'	231°10'	176°57'	92°58'	73°54'
07.12.2060	255°38'	66°59'	74°30'	254°41'	232°25'	177°27'	92°51'	73°49'
08.12.2060	256°39'	82°00'	89°26'	256°15'	233°40'	177°57'	92°43'	73°44'
09.12.2060	257°40'	96°48'	104°05'	257°49'	234°55'	178°27'	92°36'	73°39'
10.12.2060	258°41'	111°16'	118°20'	259°23'	236°10'	178°57'	92°28'	73°34'
11.12.2060	259°42'	125°18'	132°08'	260°58'	237°25'	179°27'	92°20'	73°29'
12.12.2060	260°43'	138°51'	145°27'	262°32'	238°40'	179°56'	92°12'	73°24'
13.12.2060	261°44'	151°56'	158°19'	264°07'	239°55'	180°25'	92°05'	73°19'
14.12.2060	262°45'	164°36'	170°47'	265°41'	241°10'	180°54'	91°57'	73°15'
15.12.2060	263°46'	176°54'	182°57'	267°16'	242°25'	181°23'	91°49'	73°10'
16.12.2060	264°47'	188°57'	194°53'	268°50'	243°40'	181°52'	91°41'	73°05'
17.12.2060	265°48'	200°48'	206°42'	270°25'	244°55'	182°21'	91°32'	73°00'
18.12.2060	266°49'	212°35'	218°28'	272°00'	246°10'	182°49'	91°24'	72°55'
19.12.2060	267°50'	224°22'	230°16'	273°35'	247°26'	183°17'	91°16'	72°51'
20.12.2060	268°51'	236°12'	242°09'	275°11'	248°41'	183°45'	91°08'	72°46'
21.12.2060	269°52'	248°09'	254°11'	276°46'	249°56'	184°13'	91°00'	72°41'
22.12.2060	270°53'	260°15'	266°22'	278°22'	251°11'	184°40'	90°52'	72°37'
23.12.2060	271°55'	272°32'	278°45'	279°57'	252°26'	185°08'	90°44'	72°32'
24.12.2060	272°56'	285°01'	291°20'	281°33'	253°42'	185°35'	90°35'	72°28'
25.12.2060	273°57'	297°42'	304°06'	283°09'	254°57'	186°02'	90°27'	72°24'
26.12.2060	274°58'	310°34'	317°04'	284°45'	256°12'	186°28'	90°19'	72°19'
27.12.2060	275°59'	323°37'	330°13'	286°21'	257°27'	186°55'	90°11'	72°15'
28.12.2060	277°00'	336°52'	343°34'	287°57'	258°43'	187°21'	90°03'	72°11'
29.12.2060	278°01'	350°19'	357°07'	289°34'	259°58'	187°47'	89°55'	72°06'
30.12.2060	279°03'	3°59'	10°54'	291°10'	261°13'	188°13'	89°47'	72°02'

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31.12.2060	280°04'	17°53'	24°55'	292°45'	262°28'	188°38'	89°39'	71°58'
01.01.2061	281°05'	32°01'	39°10'	294°21'	263°44'	189°03'	89°31'	71°54'
02.01.2061	282°06'	46°23'	53°38'	295°56'	264°59'	189°28'	89°23'	71°50'
03.01.2061	283°07'	60°56'	68°15'	297°31'	266°14'	189°53'	89°16'	71°46'
04.01.2061	284°08'	75°36'	82°56'	299°05'	267°29'	190°17'	89°08'	71°43'
05.01.2061	285°09'	90°16'	97°34'	300°38'	268°45'	190°41'	89°01'	71°39'
06.01.2061	286°10'	104°49'	112°01'	302°10'	270°00'	191°05'	88°53'	71°35'
07.01.2061	287°12'	119°08'	126°10'	303°41'	271°15'	191°29'	88°46'	71°32'
08.01.2061	288°13'	133°06'	139°56'	305°11'	272°31'	191°52'	88°38'	71°28'
09.01.2061	289°14'	146°40'	153°17'	306°38'	273°46'	192°15'	88°31'	71°25'
10.01.2061	290°15'	159°47'	166°12'	308°03'	275°01'	192°38'	88°24'	71°22'
11.01.2061	291°16'	172°31'	178°44'	309°25'	276°16'	193°00'	88°17'	71°19'
12.01.2061	292°17'	184°52'	190°57'	310°44'	277°32'	193°22'	88°10'	71°16'
13.01.2061	293°18'	196°57'	202°55'	311°59'	278°47'	193°44'	88°04'	71°12'
14.01.2061	294°19'	208°51'	214°45'	313°09'	280°02'	194°05'	87°57'	71°10'
15.01.2061	295°21'	220°39'	226°33'	314°14'	281°18'	194°27'	87°51'	71°07'
16.01.2061	296°22'	232°27'	238°22'	315°12'	282°33'	194°47'	87°44'	71°04'
17.01.2061	297°23'	244°19'	250°19'	316°04'	283°48'	195°08'	87°38'	71°01'
18.01.2061	298°24'	256°21'	262°27'	316°48'	285°04'	195°28'	87°32'	70°59'
19.01.2061	299°25'	268°36'	274°49'	317°23'	286°19'	195°47'	87°26'	70°56'
20.01.2061	300°26'	281°05'	287°26'	317°49'	287°34'	196°06'	87°20'	70°54'
21.01.2061	301°27'	293°51'	300°19'	318°04'	288°50'	196°25'	87°15'	70°52'
22.01.2061	302°28'	306°52'	313°27'	318°08'	290°05'	196°44'	87°09'	70°50'
23.01.2061	303°29'	320°06'	326°48'	318°01'	291°20'	197°02'	87°04'	70°48'
24.01.2061	304°30'	333°33'	340°20'	317°42'	292°35'	197°19'	86°59'	70°46'
25.01.2061	305°31'	347°10'	354°01'	317°12'	293°51'	197°36'	86°54'	70°44'
26.01.2061	306°32'	0°54'	7°49'	316°31'	295°06'	197°53'	86°49'	70°42'
27.01.2061	307°33'	14°46'	21°44'	315°39'	296°21'	198°09'	86°45'	70°41'
28.01.2061	308°34'	28°43'	35°44'	314°40'	297°37'	198°25'	86°40'	70°39'
29.01.2061	309°35'	42°46'	49°49'	313°33'	298°52'	198°41'	86°36'	70°38'
30.01.2061	310°36'	56°54'	63°59'	312°22'	300°07'	198°56'	86°32'	70°36'
31.01.2061	311°37'	71°06'	78°12'	311°07'	301°22'	199°10'	86°28'	70°35'
01.02.2061	312°38'	85°19'	92°26'	309°53'	302°38'	199°24'	86°25'	70°34'
02.02.2061	313°39'	99°31'	106°35'	308°40'	303°53'	199°37'	86°21'	70°33'
03.02.2061	314°40'	113°37'	120°36'	307°30'	305°08'	199°50'	86°18'	70°33'
04.02.2061	315°41'	127°32'	134°24'	306°25'	306°23'	200°03'	86°15'	70°32'
05.02.2061	316°42'	141°12'	147°55'	305°27'	307°39'	200°15'	86°12'	70°31'
06.02.2061	317°42'	154°33'	161°06'	304°36'	308°54'	200°26'	86°09'	70°31'
07.02.2061	318°43'	167°33'	173°56'	303°53'	310°09'	200°37'	86°07'	70°30'
08.02.2061	319°44'	180°14'	186°27'	303°19'	311°24'	200°47'	86°04'	70°30'
09.02.2061	320°45'	192°35'	198°40'	302°52'	312°40'	200°57'	86°02'	70°30'
10.02.2061	321°45'	204°41'	210°40'	302°34'	313°55'	201°06'	86°00'	70°30'
11.02.2061	322°46'	216°37'	222°32'	302°24'	315°10'	201°14'	85°59'	70°30'
12.02.2061	323°47'	228°26'	234°21'	302°22'	316°25'	201°22'	85°57'	70°30'
13.02.2061	324°47'	240°15'	246°11'	302°26'	317°40'	201°29'	85°56'	70°30'
14.02.2061	325°48'	252°09'	258°10'	302°38'	318°55'	201°36'	85°55'	70°31'
15.02.2061	326°49'	264°13'	270°20'	302°55'	320°11'	201°42'	85°54'	70°31'
16.02.2061	327°49'	276°32'	282°47'	303°19'	321°26'	201°47'	85°53'	70°32'
17.02.2061	328°50'	289°08'	295°33'	303°47'	322°41'	201°51'	85°53'	70°33'
18.02.2061	329°51'	302°04'	308°40'	304°21'	323°56'	201°55'	85°52'	70°34'
19.02.2061	330°51'	315°20'	322°05'	305°00'	325°11'	201°59'	85°52'	70°35'
20.02.2061	331°52'	328°55'	335°49'	305°42'	326°26'	202°01'	85°52'	70°36'
21.02.2061	332°52'	342°46'	349°47'	306°29'	327°41'	202°03'	85°53'	70°37'
22.02.2061	333°53'	356°50'	3°55'	307°19'	328°57'	202°04'	85°53'	70°38'
23.02.2061	334°53'	11°01'	18°08'	308°12'	330°12'	202°04'	85°54'	70°40'

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24.02.2061	335°53'	25°16'	32°24'	309°09'	331°27'	202°04'	85°55'	70°41'
25.02.2061	336°54'	39°32'	46°38'	310°08'	332°42'	202°03'	85°56'	70°43'
26.02.2061	337°54'	53°45'	60°50'	311°10'	333°57'	202°01'	85°57'	70°45'
27.02.2061	338°55'	67°53'	74°56'	312°14'	335°12'	201°58'	85°59'	70°47'
28.02.2061	339°55'	81°57'	88°56'	313°21'	336°27'	201°55'	86°00'	70°49'
01.03.2061	340°55'	95°53'	102°49'	314°29'	337°42'	201°51'	86°02'	70°51'
02.03.2061	341°55'	109°42'	116°32'	315°40'	338°57'	201°46'	86°04'	70°53'
03.03.2061	342°55'	123°20'	130°05'	316°53'	340°12'	201°40'	86°07'	70°55'
04.03.2061	343°56'	136°47'	143°26'	318°08'	341°27'	201°33'	86°09'	70°58'
05.03.2061	344°56'	150°01'	156°33'	319°24'	342°42'	201°26'	86°12'	71°00'
06.03.2061	345°56'	163°01'	169°25'	320°42'	343°57'	201°18'	86°15'	71°03'
07.03.2061	346°56'	175°45'	182°01'	322°01'	345°12'	201°09'	86°18'	71°05'
08.03.2061	347°56'	188°14'	194°23'	323°22'	346°27'	201°00'	86°21'	71°08'