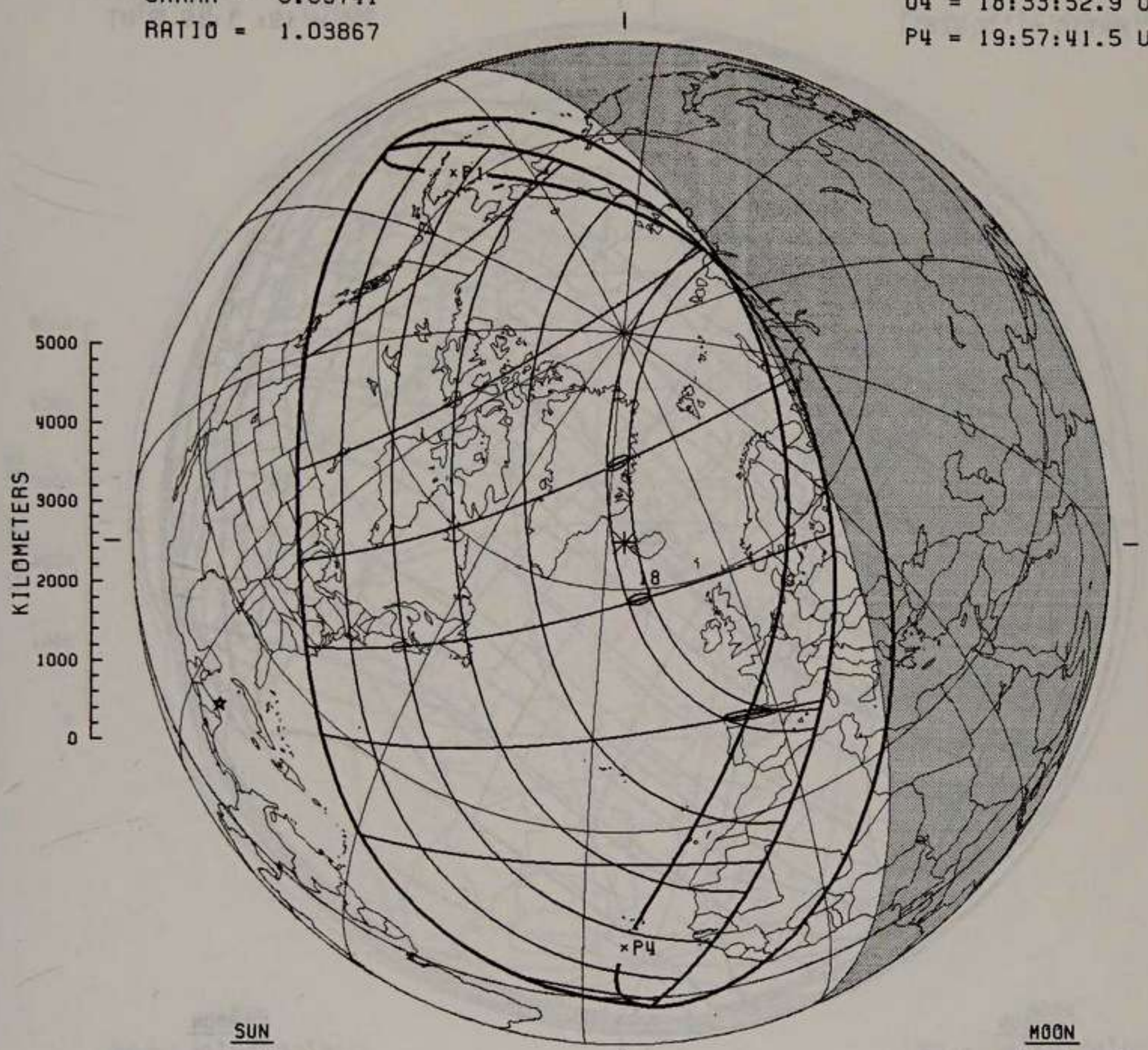
# TOTAL SOLAR ECLIPSE - 12 AUG 2026

GREATEST = 17:45:36.7 UT
CONJUNCTION = 17: 3:33.4 UT
GAMMA = 0.89741
RATIO = 1.03867

CONTACTS

P1 = 15:33:53.4 UT
U1 = 16:57:44.6 UT
U4 = 18:33:52.9 UT
P4 = 19:57:41.5 UT




SUN

RA = 9ʰ29ᵐ47ˢ.2
DEC = 14°48' 4".7
SD = 15'47".0
HP = 0° 0' 8".7

MOON

RA = 9ʰ31ᵐ17ˢ.3
DEC = 15°36'58".2
SD = 16'16".9
HP = 0°59'45".1

SAROS 126 (48/72) JD = 2461265.241 ΔT = 88.0 SEC

GREATEST ECLIPSE : LAT = 65° 12'.4N ALT = 25°.8 DURATION = 2:18.4
LONG = 25° 15'.3W AZ =248°.6 WIDTH = 293.7 KM

**Figure 119**