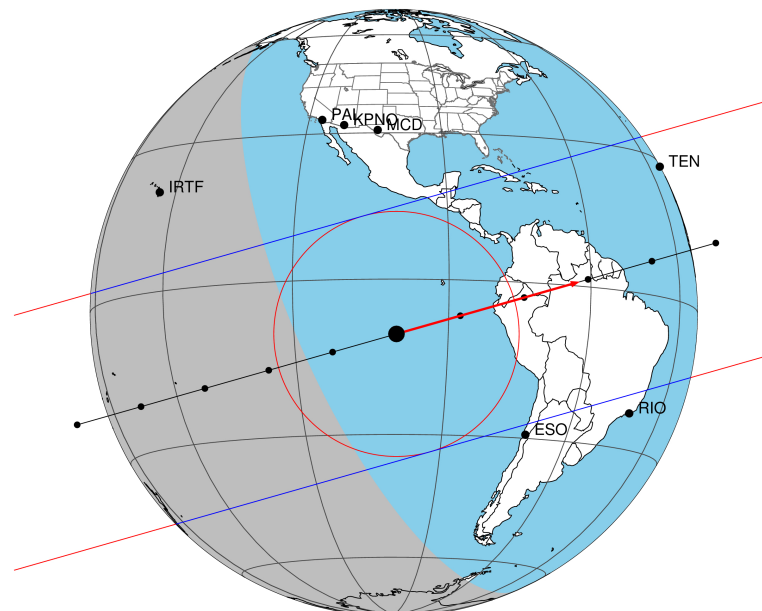


target : Titan
 target radius (km) : 2575.15
 C/A epoch : 2024-05-19T14:09:44.480
 Event type : Pg
 : Titan occs: geocentric, not topocentric
 : Not a ringed target
 Gaia source ID : 2631933144122690048
 2Mass ID (if available) : 23173196-0630551

ICRS Star Coord at Epoch: 23h 17m 31.92669s -06:30:55.50405s
 RUWE (>1.4 is poor) : 0.93
 K magnitude : 13.253
 G magnitude : 15.322
 RP magnitude : 14.618
 BP magnitude : 15.889
 DUPflag : 0
 Distance (au) : 9.985
 f0 (km) : 0.00
 g0 (km) : 0.00
 skyplane vel. (km/s) : 23.23
 Sun-Target sep (deg) : 71.07
 Sun-Moon sep (deg) : 154.24
 B (ring opening deg) : 2.28
 PA of pole (deg) : 5.04
 Pole direction: RA (deg): 39.48270
 Dec (deg): 83.42790
 C/A sky separation (") : 0.061
 C/A sky separation (km) : 441.8
 NAIF SPICE kernels : RAJobs_U111+rgf16.spk

Titan 2024-05-19T14:09:44 K13.25 G15.32 dots 60.0 sec
Pg



2024-05-19T14:09:44.4800 α: 23 17 31.9267 δ: -06 30 55.504 C/A 0.061" PA 164.02 deg v_sky +23.24 km/s D 09.98 AU
 Credit: Styled after SORA/Lucky Star

Observable events with sun below -5 deg and altitude above 5 deg

Obs	Location	lat	Elon	Target	Observed Events	Interval	OCode
PIC	Pic du Midi	42.9	0.1				Pnn
PAL	Palomar Mt (200")	33.4	243.1				Pnn
PMO	Purple Mtn Obs. Nanking	32.1	118.8				Pnn
KPNO	Kitt Peak Natl Obs	32.0	248.4				Pnn
MCD	McDonald Obs. 2.7m	30.7	256.0				Pnn
TEN	Teide Obs./Tenerife	28.3	343.5				Pnn
IRTF	Mauna Kea/IRTF	19.8	204.5				Pnn
KAV	Kavalur Observatory	12.6	78.8				Pnn
RIO	Rio de Janeiro	-22.9	316.8				Pnn
ESO	European Southern Obs. (3.6m)	-29.3	289.3				Pnn
AAT	Siding Spring (AAT)	-31.3	149.1				Pnn
SAAO	So. Afr. Astro. Obs. (Sutherland)	-32.4	20.8				Pnn
MSO	Mt. Stromlo Observatory	-35.3	149.0				Pnn

2631933144122690048

