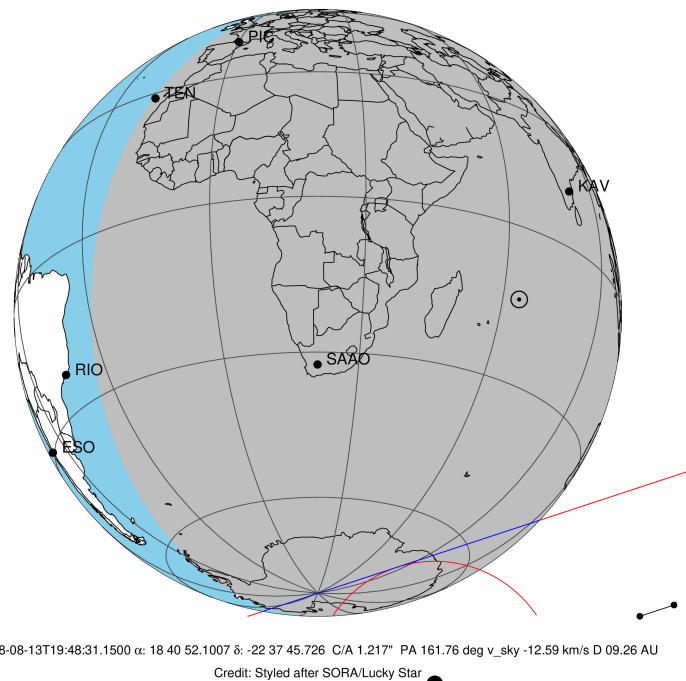


target : Titan
target radius (km) : 2575.15
C/A epoch : 2048-08-13T19:48:31.150
Event type : P
: Titan occs: not geocentric or topocentric
: Not a ringed target
Gaia source ID : 4079197145669922176
2Mass ID (if available) : 18405210-2237455

ICRS Star Coord at Epoch: 18h 40m 52.10073s -22:37:45.72581s
RUWE (>1.4 is poor) : 1.31
K magnitude : 12.054
G magnitude : 15.113
RP magnitude : 14.216
BP magnitude : 15.920
DUPflag : 0
Distance (au) : 9.256
f0 (km) : 0.00
g0 (km) : 0.00
skyplane vel. (km/s) : -12.59
Sun-Target sep (deg) : 138.36
Sun-Moon sep (deg) : 89.27
B (ring opening deg) : 25.71
PA of pole (deg) : 6.36
Pole direction: RA (deg): 39.48270
Dec (deg): 83.42790
C/A sky separation (") : 1.221
C/A sky separation (km) : 8200.1
NAIF SPICE kernels : RAJobs_U111+rgf16.spk
URKALLv1.spk
naif0012.tls
nep097.bsp
nep101.bsp
sat4401.bsp

Titan 2048-08-13T19:48:31 K12.05 G15.11 dots 60.0 sec
P



2048-08-13T19:48:31.1500 cc: 18 40 52.1007 & -22 37 45.726 C/A 1.217" PA 161.76 deg v_sky -12.59 km/s D 09.26 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

4079197145669922176

