

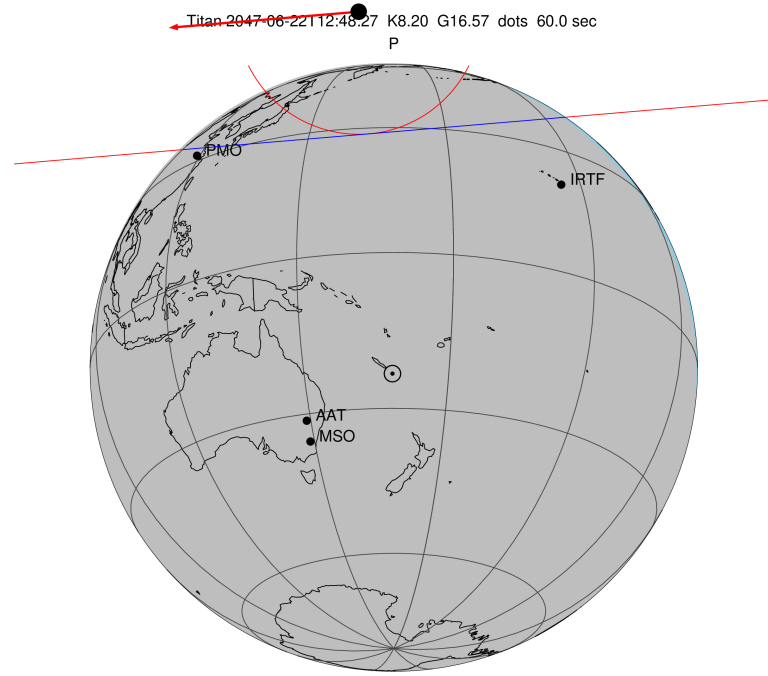
target : Titan
target radius (km) : 2575.15
C/A epoch : 2047-06-22T12:48:27.980
Event type : P
: Titan occs: not geocentric or topocentric
: Not a ringed target
Gaia source ID : 4069861364165063424
2Mass ID (if available) : 18025328-2220240

ICRS Star Coord at Epoch: 18h 02m 53.27728s -22:20:24.01459s
RUWE (>1.4 is poor) : 1.11
K magnitude : 8.200
G magnitude : 16.570
RP magnitude : 14.903
BP magnitude : 21.090
DUPflag : 0
Distance (au) : 9.037
f0 (km) : 0.00
g0 (km) : 0.00
skyplane vel. (km/s) : -14.72
Sun-Target sep (deg) : 178.88
Sun-Moon sep (deg) : 168.83
B (ring opening deg) : 26.35
PA of pole (deg) : 5.72
Pole direction: RA (deg): 39.48270
Dec (deg): 83.42790
C/A sky separation (") : 1.146
C/A sky separation (km) : 7509.4
NAIF SPICE kernels : RAJobs_U111+rgf16.spk

URKALLv1.spk
naif0012.tls
nep097.bsp
nep101.bsp
sat4401.bsp

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

Obs	Location	lat	Elon	Target	Observed Events Interval	OEcode
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



2047-06-22T12:48:27.9800 cc: 18 02 53.2773 & -22 20 24.015 C/A 1.147" PA 355.16 deg v_sky -14.71 km/s D 09.04 AU
Credit: Styled after SORA/Lucky Star

