

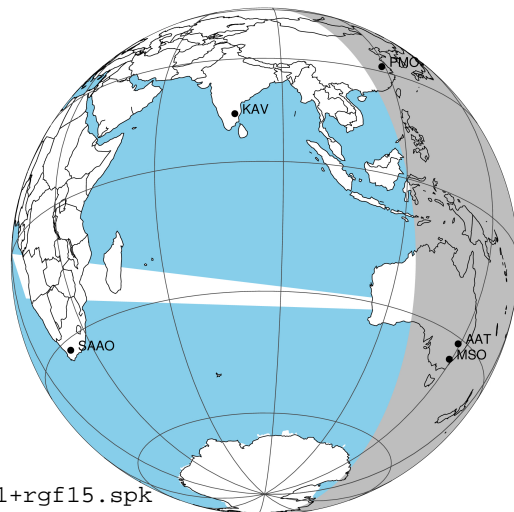
target : Jupiter  
 target radius (km) : 71492.00  
 C/A epoch : 2031-10-26T09:41:53.000  
 Event type : Pgt  
 : Jupiter occs: geocentric, topocentric  
 : Not a ringed target  
 Gaia source ID : 4116490857732226944  
 2Mass ID (if available) : 17411814-2314334

Jupiter 2031-10-26T09:41:53 K9.84 G14.91 Pgt

ICRS Star Coord at Epoch: 17h 41m 18.13373s -23:14:33.94235s

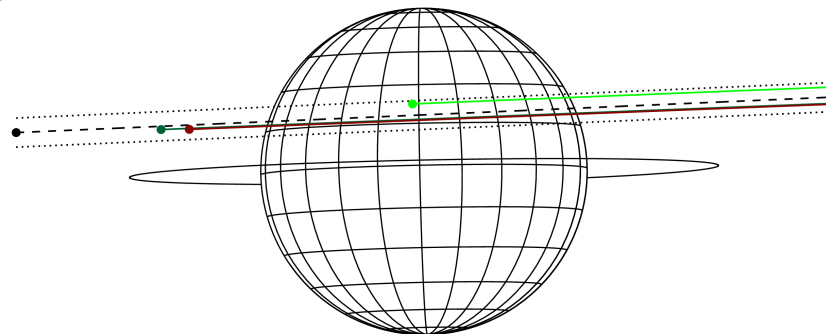
RUWE (>1.4 is poor) : 1.04  
 K magnitude : 9.844  
 G magnitude : 14.909  
 RP magnitude : 13.504  
 BP magnitude : 16.306  
 DUPflag : 0  
 Distance (au) : 5.766  
 f0 (km) : 0.00  
 g0 (km) : 0.00  
 skyplane vel. (km/s) : 30.97  
 Sun-Target sep (deg) : 53.37  
 Sun-Moon sep (deg) : 77.23  
 B (ring opening deg) : -2.23  
 PA of pole (deg) : 1.18  
 Pole direction: RA (deg): 268.05681  
 Dec (deg): 64.49652  
 C/A sky separation (") : 5.927  
 C/A sky separation (km) : 24786.6  
 NAIF SPICE kernels : RAJobs\_U111+rgf15.spk

Jupiter 2031-10-26T09:41:53 K9.84 G14.91  
 Pgt



2031-10-26T09:41:53.0000 cc: 17 41 18.1337 s: -23 14 33.942 C/A 5.919° PA 182.49 deg v\_sky +30.97 km/s D 05.77 AU  
 Credit: Styled after SORA/Lucky Star

Earth  
 PMO  
 AAT  
 MSO



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	+	OCT 26 10:18 - OCT 26 10:18	Pne
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	+ +	OCT 26 09:07 - OCT 26 10:21	Pie
SAAO	So. Afr. Astro. Obs. (Sutherland)	-32.4	20.8			Pnn
MSO	Mt. Stromlo Observatory	-35.3	149.0	+ +	OCT 26 09:07 - OCT 26 10:21	Pie

