

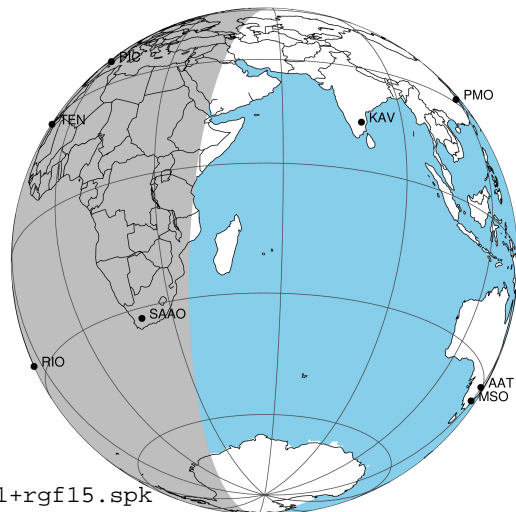
target : Jupiter
 target radius (km) : 71492.00
 C/A epoch : 2031-02-27T03:30:56.000
 Event type : Pt
 : Jupiter occs: topocentric, not geocentric
 : Not a ringed target
 Gaia source ID : 4116750582997252992
 2Mass ID (if available) : 17392197-2249076

Jupiter 2031-02-27T03:30:56 K8.66 G14.92 Pt

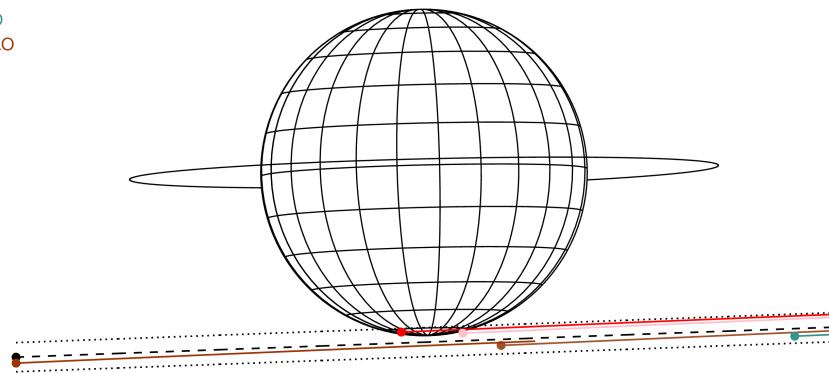
ICRS Star Coord at Epoch: 17h 39m 21.97816s -22:49:07.64759s

RUWE (>1.4 is poor) : 1.02
 K magnitude : 8.659
 G magnitude : 14.915
 RP magnitude : 13.409
 BP magnitude : 18.164
 DUPflag : 0
 Distance (au) : 5.527
 f0 (km) : 0.00
 g0 (km) : 0.00
 skyplane vel. (km/s) : 22.01
 Sun-Target sep (deg) : 72.66
 Sun-Moon sep (deg) : 140.28
 B (ring opening deg) : -2.65
 PA of pole (deg) : 1.39
 Pole direction: RA (deg): 268.05701
 Dec (deg): 64.49651
 C/A sky separation (") : 18.536
 C/A sky separation (km) : 74296.0
 NAIF SPICE kernels : RAJobs_U111+rgf15.spk

Jupiter 2031-02-27T03:30:56 K8.66 G14.92 Pt



Earth
 PIC
 TEN
 RIO
 ESO
 SAAO



2031-02-27T03:30:56.0000 α: 17 39 21.9782 δ: -22 49 07.648 C/A ***** PA 2.10 deg v_sky +22.01 km/s D 05.53 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	+	FEB 27 03:41 - FEB 27 03:41	Pne
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

