

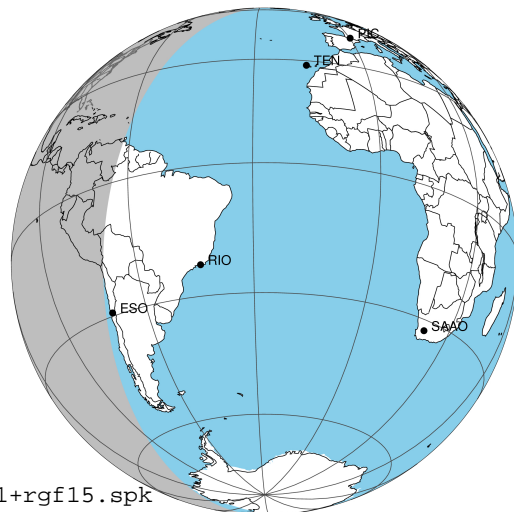
target : Jupiter  
 target radius (km) : 71492.00  
 C/A epoch : 2043-02-05T10:30:20.210  
 Event type : P  
 : Jupiter occs: not geocentric or topocentric  
 : Not a ringed target  
 Gaia source ID : 4116563704823726592  
 2Mass ID (if available) : 17403044-2254076

Jupiter 2043-02-05T10:30:20 K9.29 G14.71 P

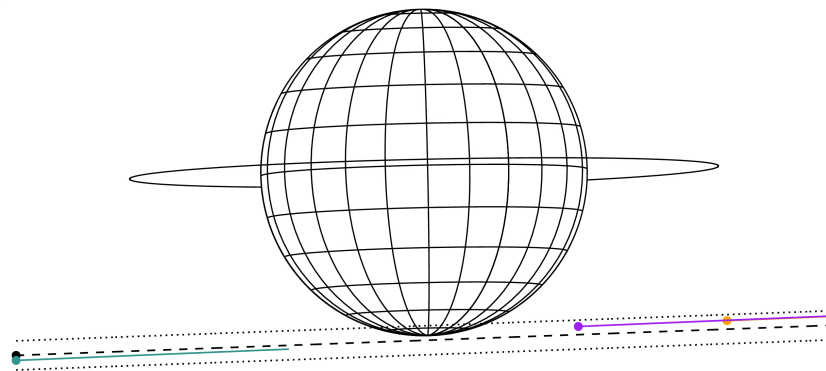
ICRS Star Coord at Epoch: 17h 40m 30.42632s -22:54:07.96470s

RUWE (>1.4 is poor) : 0.97  
 K magnitude : 9.285  
 G magnitude : 14.705  
 RP magnitude : 13.367  
 BP magnitude : 16.822  
 DUPflag : 0  
 Distance (au) : 5.885  
 f0 (km) : 0.00  
 g0 (km) : 0.00  
 skyplane vel. (km/s) : 32.20  
 Sun-Target sep (deg) : 50.40  
 Sun-Moon sep (deg) : 6.43  
 B (ring opening deg) : -2.57  
 PA of pole (deg) : 1.26  
 Pole direction: RA (deg): 268.05661  
 Dec (deg): 64.49732  
 C/A sky separation (") : 17.215  
 C/A sky separation (km) : 73478.6  
 NAIF SPICE kernels : RAJobs\_U111+rgf15.spk

Jupiter 2043-02-05T10:30:20 K9.29 G14.71 P



Earth  
 KPNO  
 MCD  
 ESO



2043-02-05T10:30:20.2100 α: 17 40 30.4263 β: -22 54 07.965 C/A \*\*\*\*\* PA 2.11 deg v\_sky +32.20 km/s D 05.89 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   |

