

target : Uranus
 target radius (km) : 25559.00
 C/A epoch : 2027-08-01T16:37:56.510
 Event type : PgRg
 : Uranus occs: geocentric, not topocentric
 : Ring occs: geocentric, not topocentric
 Gaia source ID : 145393099761036416
 2Mass ID (if available) : 04281015+2139272

ICRS Star Coord at Epoch: 04h 28m 10.19949s +21:39:27.26524s

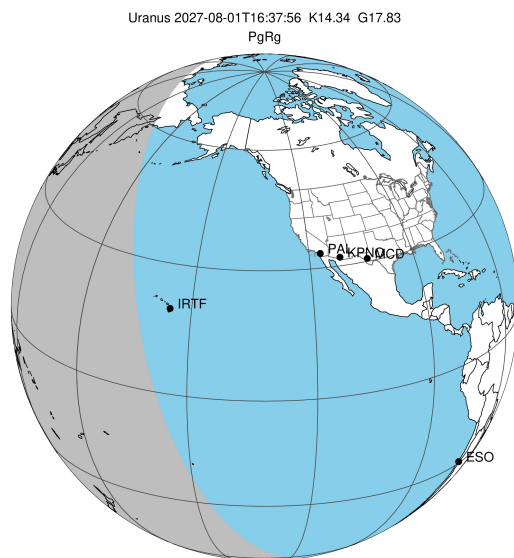
RUWE (>1.4 is poor) : 1.00
 K magnitude : 14.338
 G magnitude : 17.828
 RP magnitude : 0.000
 BP magnitude : 0.000
 DUPflag : 0
 Distance (au) : 19.872
 f0 (km) : 0.000
 g0 (km) : 0.000
 skyplane vel. (km/s) : 21.19
 Sun-Target sep (deg) : 60.09
 Sun-Moon sep (deg) : 49.76
 B (ring opening deg) : 78.30
 PA of pole (deg) : -58.08

a(km) ring

- 1 41837.2 6
- 2 42235.0 5
- 3 42571.2 4
- 4 44718.5 alpha
- 5 45661.1 beta
- 6 47176.1 eta
- 7 47626.3 gamma
- 8 48300.3 delta
- 9 50026.7 lambda
- 10 51149.4 epsilon

Observable events with sun below -5 deg and altitude above 5 deg unblocked by planet

Obs	Location	lat	Elon	Rings I	Planet	Rings E	Observed Events	Interval	OEcode
PIC	Pic du Midi	42.9	0.1						PnnRnn
PAL	Palomar Mt (200")	33.4	243.1						PnnRnn
PMO	Purple Mtn Obs. Nanki	32.1	118.8						PnnRnn
KPNO	Kitt Peak Natl Obs	32.0	248.4						PnnRnn
MCD	McDonald Obs. 2.7m	30.7	256.0						PnnRnn
TEN	Teide Obs./Tenerife	28.3	343.5						PnnRnn
IRTF	Mauna Kea/IRTF	19.8	204.5						PnnRnn
KAV	Kavalur Observatory	12.6	78.8						PnnRnn
RIO	Rio de Janeiro	-22.9	316.8						PnnRnn
ESO	European Southern Obs	-29.3	289.3						PnnRnn
AAT	Siding Spring (AAT)	-31.3	149.1						PnnRnn
SAAO	So. Afr. Astro. Obs.	-32.4	20.8						PnnRnn
MSO	Mt. Stromlo Observato	-35.3	149.0						PnnRnn



2027-08-01T16:37:56.5100 ex: 04 28 10.1995 s: +21 39 27.265 C/A 1.143° PA 350.96 deg v_sky +21.19 km/s D 19.87 AU
 Credit: Styled after SORA/Lucky Star

Uranus 2027-08-01T16:37:56 K14.34 G17.83 PgRg

Earth
 PMO
 AAT
 MSO

