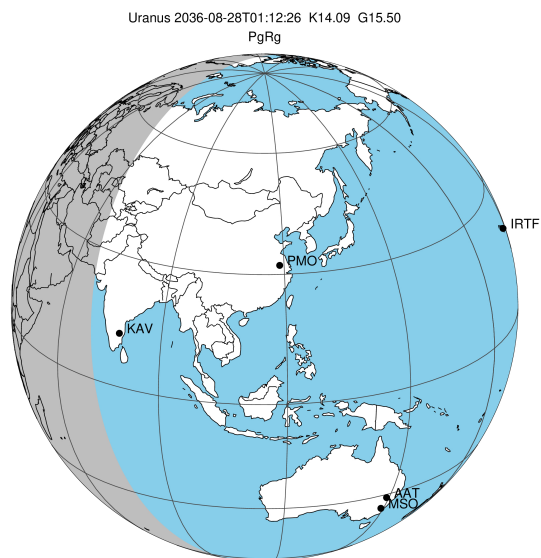


target : Uranus
 target radius (km) : 25559.00
 C/A epoch : 2036-08-28T01:12:26.660
 Event type : PgRg
 : Uranus occs: geocentric, not topocentric
 : Ring occs: geocentric, not topocentric
 Gaia source ID : 869286129283474688
 2Mass ID (if available) : 07165379+2239153

ICRS Star Coord at Epoch: 07h 16m 53.78442s +22:39:15.26782s

RUWE (>1.4 is poor) : 0.98
 K magnitude : 14.090
 G magnitude : 15.496
 RP magnitude : 15.037
 BP magnitude : 15.790
 DUPflag : 0
 Distance (au) : 19.459
 f0 (km) : 0.000
 g0 (km) : 0.000
 skyplane vel. (km/s) : 26.72
 Sun-Target sep (deg) : 47.14
 Sun-Moon sep (deg) : 130.25
 B (ring opening deg) : 58.97
 PA of pole (deg) : 81.75

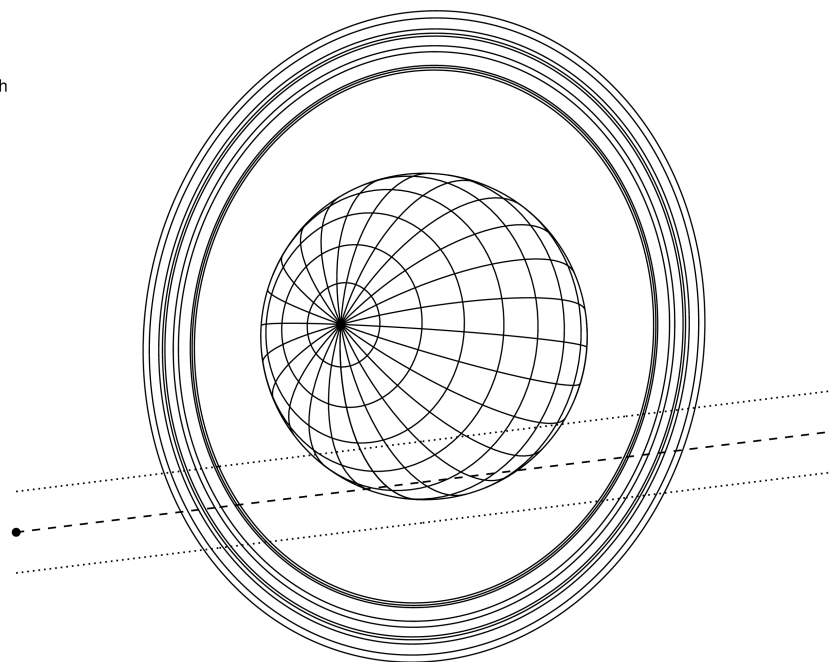
#	a(km)	ring
1	41837.2	6
2	42235.0	5
3	42571.2	4
4	44718.5	alpha
5	45661.1	beta
6	47176.1	eta
7	47626.3	gamma
8	48300.3	delta
9	50026.7	lambda
10	51149.4	epsilon



2036-08-28T01:12:26.6600 α: 07 16 53.7844 δ: +22 39 15.268 C/A 1.597" PA 7.04 deg v_sky +26.72 km/s D 19.46 AU
 Credit: Styled after SORA/Lucky Star

Uranus 2036-08-28T01:12:26 K14.09 G15.50 PgRg

Earth



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

