

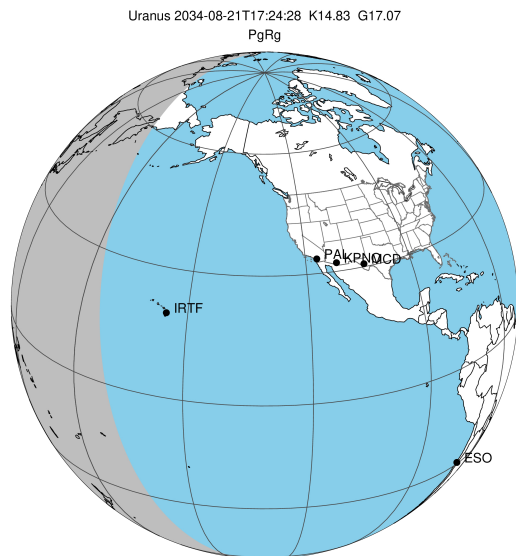
target : Uranus
 target radius (km) : 25559.00
 C/A epoch : 2034-08-21T17:24:28.600
 Event type : PgRg
 : Uranus occs: geocentric, not topocentric
 : Ring occs: geocentric, not topocentric
 Gaia source ID : 3382408039775495936
 2Mass ID (if available) : 06382148+2325548

Uranus 2034-08-21T17:24:28 K14.83 G17.07 PgRg

ICRS Star Coord at Epoch: 06h 38m 21.48524s +23:25:54.65436s

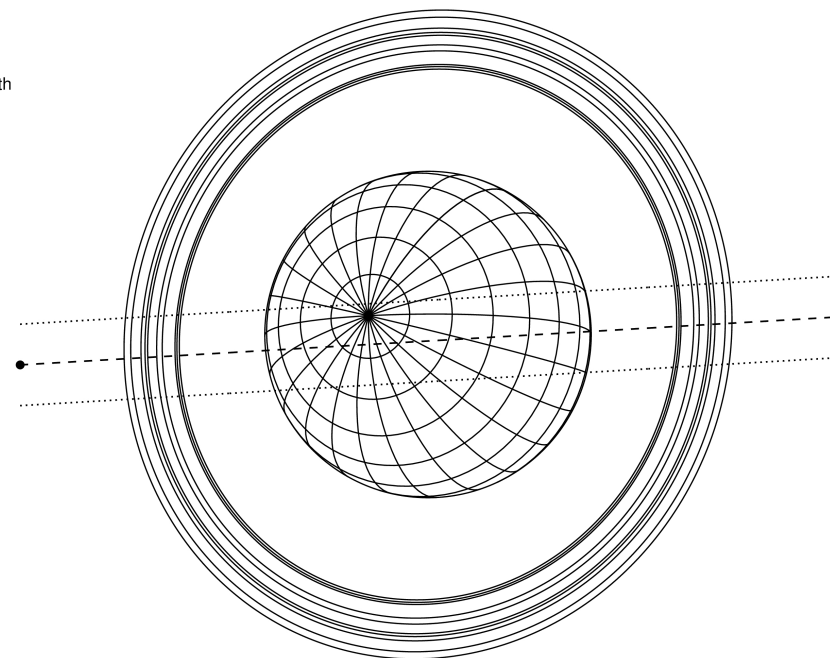
RUWE (>1.4 is poor) : 0.97
 K magnitude : 14.834
 G magnitude : 17.073
 RP magnitude : 16.379
 BP magnitude : 17.619
 DUPflag : 0
 Distance (au) : 19.553
 f0 (km) : 0.000
 g0 (km) : 0.000
 skyplane vel. (km/s) : 25.76
 Sun-Target sep (deg) : 49.47
 Sun-Moon sep (deg) : 135.91
 B (ring opening deg) : 67.45
 PA of pole (deg) : 72.56

#	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



2034-08-21T17:24:28.6000 α: 06 38 21.4852 s: +23 25 54.654 C/A 0.067° PA 3.35 deg v_sky +25.76 km/s D 19.55 AU
 Credit: Styled after SORA/Lucky Star

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

