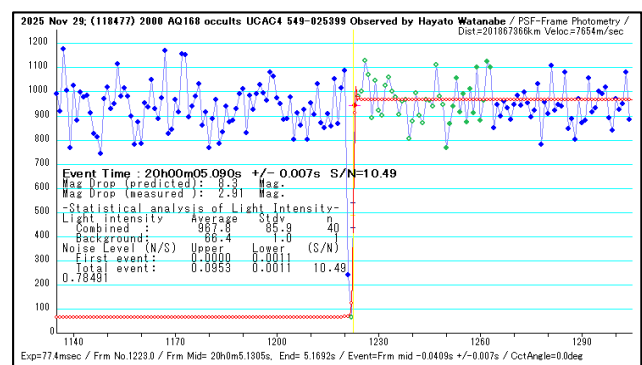
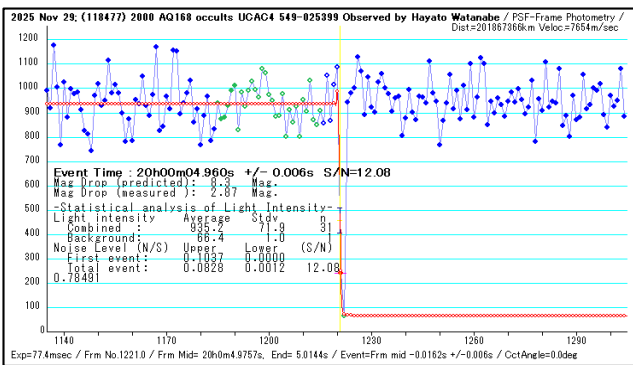
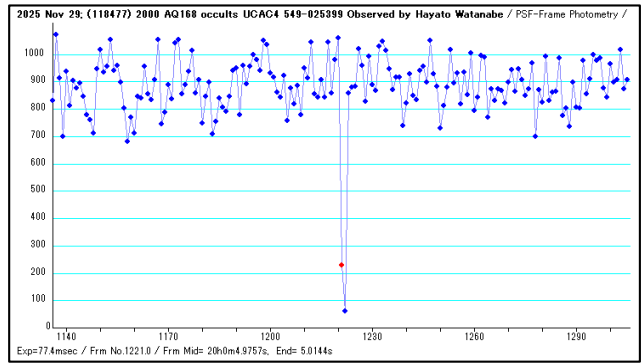
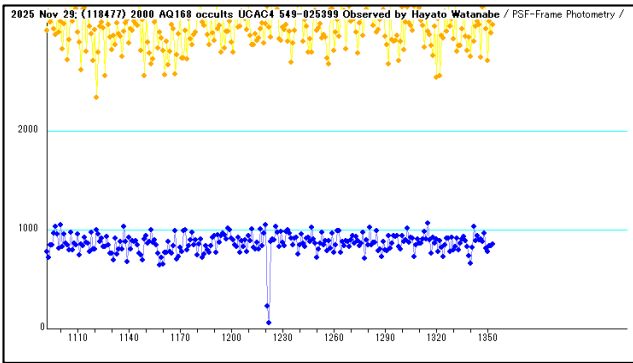


2025. 11. 29 20h00m (UT) (118477) 2000 AQ168によるUCAC4 549-025399 (11.3mag) の掩蔽

観測地：三重県いなべ市； 機材：口径20cmSCT, ZWO ASI662MM, GT502MGG
 観測者：渡部 勇人



Light Measurement tool for Occultation Observation using Video Recorder (LunarView) /

2025 Nov 29: (118477) 2000 AQ168 occults UCAC4 549-025399 Observed by Hayato Watanabe / PSF-Frame Photometry /

Exp:77.4msec / Frm No.1221.0 / Frm Mid: 20h0m4.9757s, End: 5.0144s / Event: Frm mid -0.0162s +/-0.006s / OctAngle=0.0deg

S/N in Err: 7.4 SN (Full drop) 7.4 expected on 3.3 Mag drop Frame exposure 77.4 msec
 Presnel Number 5.97 Lower Limit for detect 6.540 msec Predicted Time Error 1023 msec Expected Error for Analyzing event time 10.4 msec

あなたの時計はちょうどびったりです。
 大抵型、日本での現在時刻。

04:17:17

2025年11月30日 日曜日 第48週

OW Cloud (118477) 2000 AQ168 occults UCAC4 549-025399 on 29 Nov 2025

Change prediction: [default] Horizons/GaiaDR3, last up'd: 25 Nov 02:54 by OWC, orbit date: 05 Nov 2025 [JPLH44]

地図 航空写真

Site Lng: +136° 33 04' Lat: +35° 06 23' Alt: 55 m
 Altitude Star: 43" W, Sun: 20"
 Event Mid-Time: 20:00:05 UT

Distance: 0.094 km (to) left 35 m Site name: Ho Watanabe Method: Video Timing: GPS Show site to others: Exact location Commitment: High

Tagged as: Ho Watanabe

Prediction
 Last Updated: 25/Nov/25 02:54 UT Computed By: OWC
 Data Source: Horizons/GaiaDR3 Orbit Date: 05 Nov 2025 [JPLH44]
 Error (path width): 0.888 Error in time: 1.3 sec
 Err: Ellipse PA: 87°
 Err: Basis: Known errors OWC Id: 3135344

Event
 From: 19:55:42 UT To: 20:20:57 UT
 Combined Mag: 10.42 Max Duration: 0.2 sec
 Mag Drop (V): 0.42 Mag Drop (R): 0.31
 Shadow Width: 1.9 km Moon Phase: 66% sunlit
 Solar Elong: 153° Moon Elong: 98°

Target Star
 Name: UCAC4 549-025399 V mag: 11.26
 Constellation: Orion R mag: 10.42
 Diameter: 0.10 mas (Gaia) B mag: 12.06
 RUWE: 0.95
 Gaia SourceId: 337401910633339008 RA [approx]: 06° 21' 44".4230
 RA [ICRS]: 06° 20' 10".7799 Dec [approx]: +39° 44' 49".901
 Dec [ICRS]: +39° 45' 29".192

Object
 Name: (118477) 2000 AQ168 Class: Main-belt Asteroid
 Diameter: 1.7 ± 0.4 km (Occult)
 Distance: 1.3494 au Mag: 19.6
 Motion RA: -26.05"/hr Motion Dec: 2.58"/hr
 Moons: 0 Rings: 0