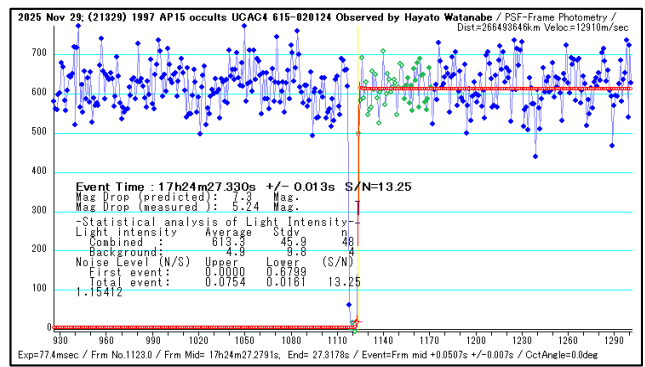
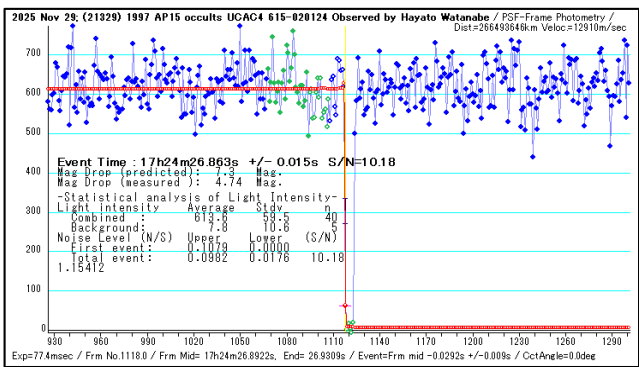
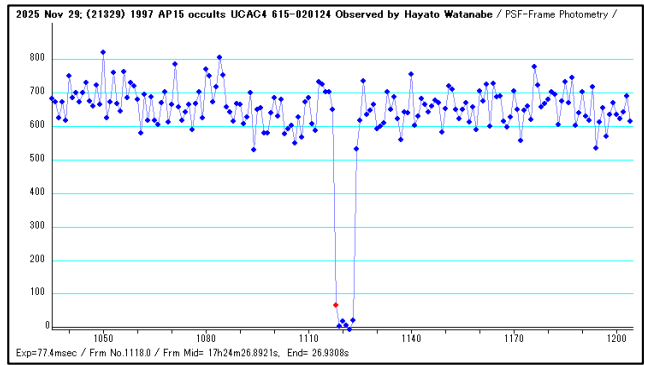
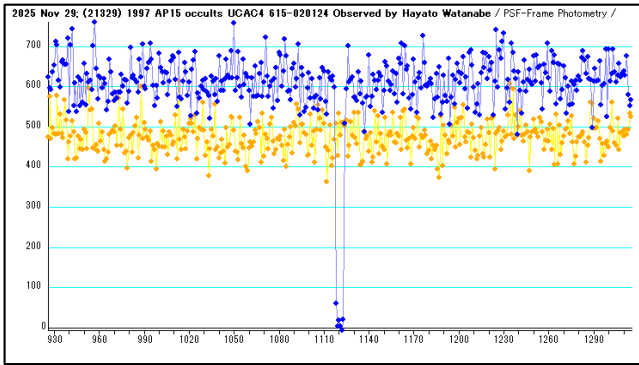


2025. 11. 29 17h24m(UT) (21329) 1997 AP15によるUCAC4 615-020124 (11. 6mag) の掩蔽

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 [日本語]

2025 Nov 29, 17:24:26.411 z

Graph

2025 Nov 29, (21329) 1997 AP15 occults UCAC4 615-020124 Observed by Hayato Watanabe / PSF-Frame Photometry /

Exp=774mscc / Frm No.1118.0 / Frm Mid= 17h24m26.8922s, End= 26.9309s

Current: Sunlight Intensity Scale: 100% Filter: 1118.0 722.8 18Sec +1Sec +10Sec Radius: 1.0

S/N in Error: 4.9 S/N 1.9 expected on 7.3 Mag drop Frame exposure 77.4 msec

Lower Limit for detect 15055 msec Predicted Time Error 330 msec Expected Error for Analyzing event time 16.4 msec

あなたの時計はちょうどぴったりです。  
 Time is 02:04:36 (±0.004秒) でした。  
 いなべ、三重県、日本での現在時刻。

02:04:36

2025年, 11月 30日, 日曜日, 第48週

OW Cloud (21329) 1997 AP15 occults UCAC4 615-020124 on 29 Nov 2025

Change prediction: [default] Horizons/GaiaDR3, last updt: 29 Nov, 00:23 by OWC, orbit date: 27 Nov 2025 [JPL#56]

地区 航空写真

Site Long: +136° 33' 34", Lat: +35° 07' 09", Alt: 81 m  
 Altitude Star: 67° W, Sun: -52°  
 Event Mid-Time: 17:24:27 UT

To enter coordinates manually click here

Distance: 0.137 km (fp) right 01 m Site name: Ha Watanabe Method: Video Timing: GPS Show site to others: Exact location

Commitment: High Cancel Submit

Tagged as: Ha Watanabe

Prediction

Last Updated: 29/Nov/23, 00:23 UT Computed By: OWC  
 Orbit Date: 27 Nov 2025 [JPL#56]  
 Data Sources: Horizons/GaiaDR3  
 Error in time: 0.4 sec  
 Error (path width): 0.134  
 Err. Ellipse PA: 90°  
 Err. Ellipse: 0.00077° x 0.00003°  
 Err. Basis: Known errors

Event

From: 17:19:20 UT To: 17:25:47 UT  
 Combined Mag: 10.49 Max Duration: 0.3 sec  
 Mag Drop (R): 7.29 Mag Drop (I): 7.64  
 Shadow Width: 3.8 km Moon Phase: 63% unlit  
 Solar Elong: 163° Moon Elong: 65°

Target Star

Name: UCAC4 615-020124 V mag: 11.60  
 Constellation: Auriga R mag: 10.49  
 Diameter: 0.30 mas (Gaia) B mag: 12.90  
 RUWE: 1.15 Gaia SourceID: 181090335368710272  
 RA [ICRS]: 09h 16m 18s 8857 RA [approx]: 09h 16m 02s 4770  
 Dec [ICRS]: +32° 59' 06".309 Dec [approx]: +33° 00' 52".182

Object

Name: (21329) 1997 AP15 Class: Main-belt Asteroid  
 Diameter: 3.8 ± 0.8 km (Occult) Diameter (augm): 3.24 mas  
 Distance: 1.7814 au Mag: 18.9  
 Motion RA: -35.90"/hr Motion Dec: -2.55"/hr  
 Moons: 0 Rings: 0