

\*\*\*\*\* Asteroid occultation Report \*\*\*\*\*

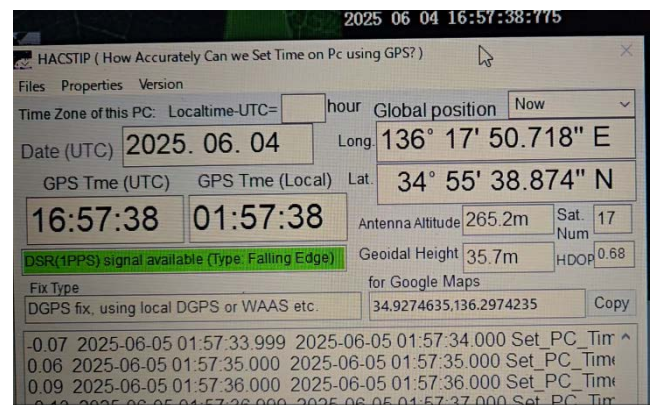
[Date ] 2025. 6. 4 [Approx hour] 17.3  
 [Star ] UCAC4 339-172856 VMag=13.42 RMag=12.63  
 [Asteroid ] (2218)Wotho 16.68 mag.

[Observer ] 1: Miyoshi Ida 2:  
 [Location ] Kouka, Shiga, JP  
 [Longitude ] 136o17'50.6" E  
 [Latitude ] 34o55'38.8" N  
 [Altitude ] 254m  
 [Datum ] WGS84

[Event time] D: 17h12m22.131s +/- 0.021s (UTC) S/N=9.57  
 R: 17h12m23.397s +/- 0.030s (UTC) S/N=6.70  
 [Predicted Time error] 0.299 sec [RUWE] 1.00

[Recorded ] From 17h11m1s  
 To 17h14m1s

[Mag. drop] D: Measured: Mag Drop (measured): 8.76 Mag. ; Predicted: Mag Drop (predicted): 3.3 Mag.  
 R: Measured: Mag Drop (measured): 8.78 Mag. ; Predicted: Mag Drop (predicted): 3.3 Mag.



[Telescope] Aperture: 20cm Type: SCT F=4.1  
[Camera ] Analog or Digital video, Model=ASI290MM  
[Exposure ] Set: 202.0msec, Measure: 202msec  
[Setting ] Area: 1440x500 ; Binning=2  
Gain: 450 ; Brightness: 141 ; High Speed Mode: Off

[Time keep] GPS ; Model: GT502MGG  
[Evidence ] GPS Time Log: ; Screen shot:

[Condition] Stability: Steady Transparency: Clear

[Remarks ]

[Additional comment]

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<Observations>

<Event>

<Date>2025|6|4|17.3</Date>

<Details>

<Star>UCAC4|339-172856|0||0.000000000|0.00000000|0.00|0.00|0.00|0|0.0000000|0.0000000|25.00|25.00|25.00|0</Star>

<Asteroid>2218|Wotho|0.00000000|0.00000000|0.0000000|0.0000000|0.0000000|0.0000000|1.00000|0.00000|0.0|1.0|2.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Kouka, Shiga|JP|+136 17 50.6|+34 55 38.8|254| |20|3|a|a</ID>

<Conditions>1|1|8.13||</Conditions>

<D>17 12 22.131|D|0.021|||</D>

<R>17 12 23.397|R|0.030|||</R>

</Observer>

</Observations>

<LastEdited>2023|7|17</LastEdited>

</Event>

</Observations>

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Text-based Light curve

(2218)\_20250604\_171214\_Miyoshi\_Ida.dat

Date: 2025-6-4 17:12:14.74: 16.97: 85

Star: 0: 0: 0: 0: 0-0-0: 339-172856

Observer: +136:17:50.6: +34:55:38.8: 254: Miyoshi Ida

Object: Asteroid: 2218: Wotho

Values:330:275:425:336:397:270:349:326:360:277:322:272:298:309:326:341:245:357:290:294:278:300:299:351:369:318:340:317:

355:323:265:351:203:313:301:339:376:15:-4:16:-23:-6:48:204:343:323:401:295:312:

285:193:191:245:293:388:376:304:334:294:351:296:306:431:292:279:286:254:320:296:331:417:370:283:351:339:361:392:317:405

:258:344:387:279:267:334

観測地 滋賀県東甲賀市土山町  
北緯 34 度 55 分 38.8 秒 東経 136 度 17 分 50.6 秒  
海拔 254m (国土地理院電子国土 Web より)

