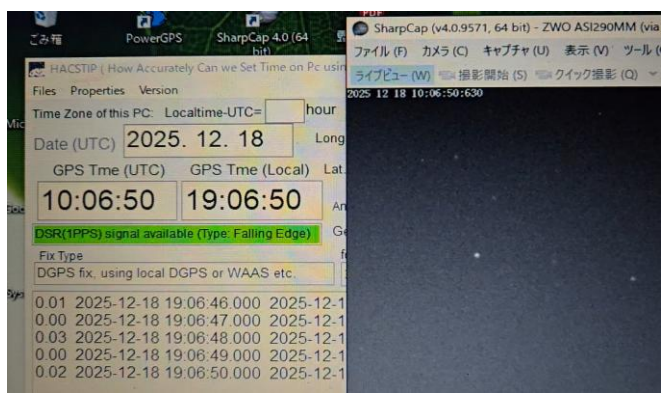


観測地 滋賀県日野町三十坪  
 北緯35度0分35.1秒 東経136度13分1.0秒  
 海拔159m (国土地理院電子国土 Web より)



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

[Date ] 2025.12.18 [Approx hour] 10.0  
 [Star ] UCAC4 448-140761 VMag=14.74 RMag=14.20  
 [Asteroid ] (168)Sibylla 14.04 mag.  
 [Observer ] 1: Miyoshi Ida 2:  
 [Location ] Hino, Shiga, JP

[Longitude ] 136o13'1.0" E  
[Latitude ] 35o0'35.1" N  
[Altitude ] 159m  
[Datum ] WGS84

[Event time] D: 10h05m12.679s +/- 0.119s (UTC) S/N=4.46  
R: 10h05m21.139s +/- 0.145s (UTC) S/N=3.93

[Predicted Time error] 0.534 sec [RUWE] 1.05

[Recorded ] From 10h3m50s  
To 10h7m3s

[Mag. drop ] D: Measured: Mag Drop (measured): 0.38 Mag. ; Predicted: Mag Drop (predicted): 0.5 Mag.  
R: Measured: Mag Drop (measured): 0.32 Mag. ; Predicted: Mag Drop (predicted): 0.5 Mag.

[Telescope ] Aperture: 20cm Type: SCT F=4.0  
[Camera ] Analog or Digital video , Model= ASI290MM  
[Exposure ] Set: 490.0msec, Measure: 490msec  
[Setting ] Area: 1936x1096 ; Binning=2  
Gain: 385 ; Brightness: 164 ; High Speed Mode: Off  
[Time keep ] GPS ; Model: GHS-OSD  
[Evidence ] GPS Time Log: ; Screen shot:

[Condition ] Stability: Steady Transparency: Clear  
[Remarks ]

[Additional comment]

\*\*\*\*\*

<Observations>

<Event>

<Date>2025|12|18|10.0</Date>

<Details>

<Star>UCAC4|448-

140761|0|0.000000000|0.00000000|0.00|0.00|0.00|0|0.0000000|0.000000|25.00|25.00|25.00|0</Star>

<Asteroid>168|Sibylla|0.00000000|0.00000000|0.0000000|0.0000000|0.0000000|0.0000000|1.00000|0.00000|0.0|1.0|2  
0.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Hino, Shiga|JP|+136 13 1.0|+35 0 35.1|159| |20|3|a|a</ID>

<Conditions>1|1|4.20||</Conditions>

<D>10 5 12.679|D|0.119|||</D>

<R>10 5 21.139|R|0.145|||</R>

</Observer>

</Observations>

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

</Event>

</Observations>

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Text-based Light curve

(168)\_20251218\_100448\_Miyoshi\_Ida.dat

Date: 2025-12-18 10:4:48.34: 51.45: 106

Star: 0: 0: 0: 0: 0-0-0: 448-140761

Observer: +136:13:1.0: +35:0:35.1: 159: Miyoshi Ida

Object: Asteroid: 168: Sibylla

Values:1306:1392:1348:1432:1340:1210:1254:1439:1295:1293:1306:1314:1198:1281:1268:1355:1215:1442:1332:1317:1212:136  
3:1397:1294:1293:1350:1298:1329:1430:1292:1269:1366:1307:1304:1280:1257:1447:1265:1458:1341:1436:1346:1537:1312:131  
8:1416:1428:1236:1318:

1392:1002:855:921:856:911:1012:981:1023:1007:954:1019:949:742:905:860:817:901:1112:1080:1308:1210:1440:1224:1172:1040  
:1059:1146:1055:1034:1110:1169:1224:1171:1126:1110:1222:1293:1227:1219:1250:1244:1224:1322:1228:1240:1096:1337:1325:1  
395:

1277:1357:1360:1280:1334:1293:1187