



2025 12 22 19:54:50.987

HACSTIP (How Accurately Can we Set Time on Pc using GPS?)

Files Properties Version

Time Zone of this PC: Localtime-UTC= hour Global po

Date (UTC) 2025. 12. 22 Long. 136°

GPS Tme (UTC) . GPS Tme (Local) Lat. 35°

19:54:51 04:54:51

Antenna Altitud

DSR(1PPS) signal available (Type: Falling Edge) Geoidal High

Fix Type for Google M

DGPS fix, using local DGPS or WAAS etc. 35.1741450,1

-0.07 2025-12-23 04:54:46.999 2025-12-23 04:54:4

0.09 2025-12-23 04:54:48.000 2025-12-23 04:54:48

-0.09 2025-12-23 04:54:48.999 2025-12-23 04:54:4

0.05 2025-12-23 04:54:50.000 2025-12-23 04:54:50

0.02 2025-12-23 04:54:51.000 2025-12-23 04:54:51

観測地 滋賀県愛荘町安孫子
 北緯35度10分30.4秒 東経136度14分43.8秒
 海抜108m (国土地理院電子国土 Web より)



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

[Date] 2025.12.22 [Approx hour] 20.0
[Star] UCAC4 574-027267 VMag=14.55 RMag=13.97
[Asteroid] (243)Ida 13.69 mag.

[Observer] 1: Miyoshi Ida 2:
[Location] Aisyou, Shiga, JP
[Longitude] 136o14'43.8" E
[Latitude] 35o10'30.4" N
[Altitude] 108m
[Datum] WGS84

[Event time] D: 19h52m38.388s +/- 0.571s (UTC) S/N=2.22
R: 19h52m41.470s +/- 0.366s (UTC) S/N=2.72
[Predicted Time error] 0.474 sec [RUWE] 0.95

[Recorded] From 19h51m1s
To 19h54m4s

[Mag. drop] D: Measured: Mag Drop (measured): 0.24 Mag. ; Predicted: Mag Drop (predicted): 0.4 Mag.
R: Measured: Mag Drop (measured): 0.22 Mag. ; Predicted: Mag Drop (predicted): 0.4 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: 362 ; Brightness: 181 ; High Speed Mode: Off
[Time keep] GPS ; Model: GHS-OSD
[Evidence] GPS Time Log: ; Screen shot:

[Condition] Stability: Slight flickering Transparency: Broken cloud
[Remarks]

[Additional comment]

<Observations>

<Event>

<Date>2025|12|22|20.0</Date>

<Details>

<Star>UCAC4|574-

027267|0||0.000000000|0.000000000|0.00|0.00|0.00|0|0.00000000|0.0000000|25.00|25.00|25.00|0</Star>

<Asteroid>243|Ida|0.00000000|0.00000000|0.0000000|0.0000000|0.0000000|0.0000000|1.00000|0.00000|0.0|1.0|20.00

</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Aisyou, Shiga|JP|+136 14 43.8|+35 10 30.4|108| |20|3|a|a</ID>

<Conditions>2|5|2.47||</Conditions>
<D>19 52 38.388|D|0.571||| </D>
<R>19 52 41.470|R|0.366||| </R>
</Observer>
</Observations>
<LastEdited>2023|7|17</LastEdited>
</Event>
</Observations>

Text-based Light curve

(243)_20251222_195209_Miyoshi_Ida.dat

Date: 2025-12-22 19:52:9.01: 57.82: 119

Star: 0: 0: 0: 0-0-0: 574-027267

Observer: +136:14:43.8: +35:10:30.4: 108: Miyoshi Ida

Object: Asteroid: 243: Ida

Values:1066:1305:1080:1159:885:1222:1207:1046:1062:1086:1173:873:1095:1085:1198:1184:1252:1076:779:806:496:537:701:1031:1047:1008:772:850:793:892:652:988:855:952:746:1013:1194:1094:971:959:1064:1241:1039:969:1117:1004:1134:1125:1087:895:999:1266:1026:1134:1102:1124:1269:1213:1249:1102:960:906:883:842:904:829:936:1094:1168:1208:1155:1073:1046:976:1105:928:1068:1149:988:1133:1166:1076:1063:1120:1172:1156:1051:1158:924:930:1033:982:1027:1318:1185:1134:1166:988:960:1171:1075:1130:1103:986:1200:1215:923:1076:1158:1274:1170:1255:1261:976:1323:1245:1385:1338:1202