



観測地 滋賀県東近江市蛇溝町  
 北緯 35 度 5 分 54.5 秒 東経 136 度 11 分 4.7 秒  
 海拔 125m (国土地理院電子国土 Web より)

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

[Date ] 2025.11.22 [Approx hour] 11.2  
 [Star ] Tycho2 2410-00157-1 VMag=10.10 RMag=9.89  
 [Asteroid ] (209)Dido 13.41 mag.

[Observer ] 1: Miyoshi Ida 2:  
[Location ] Higasiomi, Shiga, JP  
[Longitude] 136o11'47" E  
[Latitude ] 35o5'54.5" N  
[Altitude ] 125m  
[Datum ] WGS84

[Event time] D: 11h20m05.516s +/- 0.010s (UTC) SN=20.05  
R: 11h20m11.644s +/- 0.009s (UTC) SN=21.16  
[Predicted Time error] 0.688 sec [RUWE] 1.05

[Recorded ] From 11h18m30s  
To 11h21m30s

[Mag. drop] D: Measured: Mag Drop (measured): 3.13 Mag. ; Predicted: Mag Drop (predicted): 3.4 Mag.  
R: Measured: Mag Drop (measured): 3.17 Mag. ; Predicted: Mag Drop (predicted): 3.4 Mag.

[Telescope] Aperture: 20cm Type: SCT F=4.0  
[Camera ] Analog or Digital video, Model= ASI290MM  
[Exposure ] Set: 197.0msec, Measure: 197msec  
[Setting ] Area: 1440x500 ; Binning=2  
Gain: 338 ; Brightness: 191 ; 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|11|22|11.2</Date>

<Details>

<Star>Tycho2|2410-00157-

1|0|0.000000000|0.000000000|0.00|0.00|0.00|0|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>

<Asteroid>209|Dido|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|1.000000|0.000000|0.0|1.0|20.0  
0</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Higasiomi, Shiga|JP|+136 11 47|+35 5 54.5|125| |20|3|a|a</ID>

<Conditions>1|1|20.61||</Conditions>

<D>11 20 5.516|D|0.010|||</D>

<R>11 20 11.644|R|0.009|||</R>

</Observer>

</Observations>

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

</Event>

</Observations>

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Text-based Light curve

(209)\_20251122\_111951\_Miyoshi\_Ida.dat

Date: 2025-11-22 11:19:51.30: 32.90: 168

Star: 0: 0: 0: 0: 2410-00157-1: 0-0

Observer: +136:11:47: +35:5:54.5: 125: Miyoshi Ida

Object: Asteroid: 209: Dido

Values:2953:2942:3096:2926:3150:2857:2864:2955:2667:3113:2902:2904:3161:3140:3282:3233:2902:2783:2848:2939:2859:290  
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