



観測地 滋賀県東近江市蒲生岡本町
 北緯 35 度 2 分 23.0 秒 東経 136 度 11 分 6.0 秒
 海拔 130m (国土地理院電子国土 Web より)



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

[Date] 2025.12.18 [Approx hour] 13.2
 [Star] UCAC4 573-020494 VMag=12.72 RMag=12.26
 [Asteroid] (47379)1999 XB97 16.88 mag.

[Observer] 1: Miyoshi Ida 2:
[Location] Higashiomi, Shiga, JP
[Longitude] 136o11'6.0" E
[Latitude] 35o2'23.0" N
[Altitude] 130m
[Datum] WGS84

[Event time] D: 13h17m29.480s +/- 0.025s (UTC) S/N=5.67 Ctt=2.6
R: 13h17m29.617s +/- 0.031s (UTC) S/N=4.85 Ctt=18.9
[Predicted Time error] 0.269 sec [RUWE] 1.45

[Recorded] From 13h15m52s
To 13h18m48s

[Mag. drop] D: Measured: Mag Drop (measured): 0.60 Mag. ; Predicted: Mag Drop (predicted): 4.2 Mag.
R: Measured: Mag Drop (measured): 0.61 Mag. ; Predicted: Mag Drop (predicted): 4.2 Mag.

[Telescope] Aperture: 20cm Type: SCT F=4.0
[Camera] Analog or Digital video, Model= ASI290MM
[Exposure] Set: 144.0msec, Measure: 144msec
[Setting] Area: 1440x500 ; Binning=2
Gain: 362 ; Brightness: 181 ; 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|13.2</Date>

<Details>

<Star>UCAC4|573-

020494|0|0.000000000|0.000000000|0.00|0.00|0.00|0|0.0000000|0.0000000|25.00|25.00|25.00|0</Star>

<Asteroid>47379|1999

XB97|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Higashiomi, Shiga|JP|+136 11 6.0|+35 2 23.0|130| |20|3|a|a</ID>

<Conditions>1|1|5.26||</Conditions>

<D>13 17 29.480|D|0.025|||</D>

<R>13 17 29.617|R|0.031|||</R>

</Observer>

</Observations>

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

</Event>
</Observations>

Text-based Light curve
(47379)_20251218_131717_Miyoshi_Ida.dat

Date: 2025-12-18 13:17:17.31: 24.34: 170

Star: 0: 0: 0: 0-0-0: 573-020494

Observer: +136:11:6.0: +35:2:23.0: 130: Miyoshi Ida

Object: Asteroid: 47379: 1999 XB97

Values:501:543:546:545:582:642:616:607:620:563:630:722:633:576:596:454:571:556:534:605:563:560:624:649:566:665:628:619:
640:533:606:515:656:599:551:482:559:619:575:569:682:669:658:575:568:558:550:603:570:
627:566:662:594:601:585:613:617:552:512:555:503:577:572:694:560:586:618:600:593:536:554:535:567:548:552:650:606:565:568
:590:580:630:525:553:581:330:574:636:613:586:566:562:511:616:592:554:692:608:553:
529:694:595:588:512:606:582:470:529:591:584:570:576:522:577:521:615:601:589:570:639:464:524:613:540:592:522:594:510:526
:537:572:662:639:599:558:579:624:594:594:643:655:507:546:594:616:656:573:613:559:
586:550:574:611:506:554:578:542:608:540:592:607:602:645:510:600:649:645:546:657:610