

(362)Havnia occults UCAC4 361-070192

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

[Date] 2026. 2. 1 [Approx hour] 18.9
[Star] UCAC4 361-070192 VMag=13.54 RMag=13.00
[Asteroid] (362)Havnia 14.39 mag.

[Observer] 1: Katsuhiko Kitazaki 2:
[Location] Musashino, Tokyo, JPN
[Longitude] 139o33'41.2" E
[Latitude] 35o42'37.0" N
[Altitude] 66m
[Datum] WGS84

[Event time] D: 18h52m22.769s +/- 0.070s (UTC) S/N=3.57 Ctt=0
R: 18h52m26.939s +/- 0.064s (UTC) S/N=3.72 Ctt=0
[Predicted Time error] 0.19 sec [RUWE] 1.05

[Recorded] From 18h51m50s
To 18h53m00s

[Mag. drop] D: Measured: 1.09 ; Predicted: 1.3
R: Measured: 1.07 ; Predicted: 1.3

[Telescope] Aperture: 40cm Type: Classical Cassegrain
F=2.6 (Reducer x0.26)
[Camera] a Analog or Digital video , Model= ZWO ASI462MM
[Exposure] Set: 197.0msec, Measure: 197.0049msec
[Setting] Area: 1936x600 ; Binning=2
Gain: 335 ; Brightness: 0 ; High Speed Mode: Off
[Time keep] a GPS ; Model: GT502MGG-N
[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: 3 Strong flickering Transparency: 2 Fog
[Remarks] The high level of scintillation noise, combined with the lack of clear skies, adversely affected the signal-to-noise ratio.

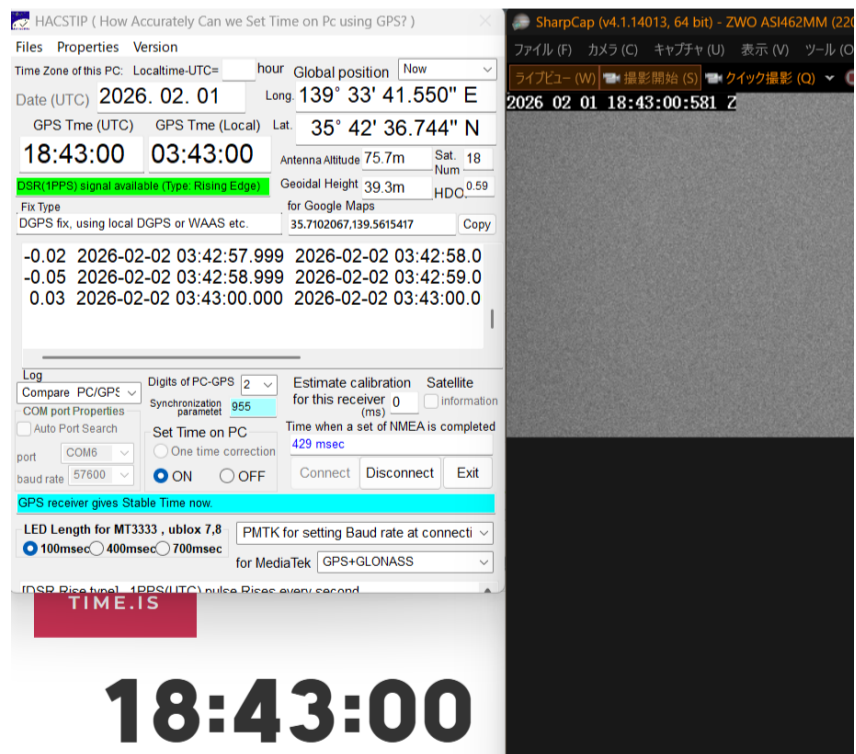
[Additional comment]
Capture : ZWO ASI 462MM imaging data to PC using SharpCap4.1.14013.0
Photometry analysis : Analyzed with Software. limovie 2.0.0.4F
Photometry method : PSF photometry

<AsteroidOccultations>
<Event>
<Date>2026|2|1|18.9</Date>
<Details>
<Star>UCAC4|361-070192|0|0.000000000|0.00000000|0.00|0.00|0.00|0|0.0000000|0.00000000|25.00|25.00|25.00|0</Star>
<Asteroid>362|Havnia|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|Katsuhiko Kitazaki||0|Musashino, Tokyo|JPN|+139 33 41.2|+35 42 37.0|66| |40|6|a|a</ID>
<Conditions>3|2||The high level of scintillation noise, combined with the lack of clear skies, adversely affected the signal-to-noise ratio.</Conditions>
<D>18 52 22.769|D|0.070||| </D>
<R>18 52 26.939|D|0.064||| </R>
</Observer>
</Observations>
<LastEdited>2026|2|9</LastEdited>
</Event>
</AsteroidOccultations>

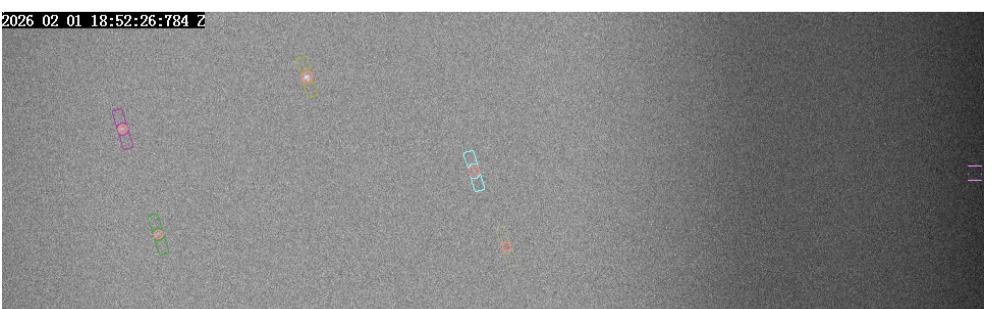
Text-based Light curve
(362)_0000002026 Feb 1_185200_Katsuhiko_Kitazaki.dat

Date: 2026 Feb 1 18:52:0.28: 50.63: 258
Star: 0: 0: 0: 0: 0-0-0: 361-070192
Observer: +139:33:41.2: +35:42:37.0: 66: Katsuhiko Kitazaki
Object: Asteroid: 362: Havnia
Values:41749:31251:59328:50966:51585:38525:61706:41538:
54377:45064:47757:40718:74038:39868:58262:47684:54416:
52407:79711:47225:30842:50417:52611:61950:48411:52557:3
9145:45056:42058:58057:38967:49643:51179:65050:44064:61
001:51360:46421:59660:46441:51225:42434:50550:47508:57
821:38225:55099:45129:42845:51468:48048:44896:68829:54
324:64498:48772:60986:44331:45028:62825:44347:54870:46
815:39240:35218:54662:47048:63686:46540:66384:38797:60
958:35761:49240:60026:47672:44221:53654:57832:40882:36
437:53203:59916:41479:52440:43686:58810:55363:42615:53
696:43248:33243:31572:40475:58460:42221:38890:71159:501
02:41250:34322:52715:43909:56181:49221:45234:35525:580
29:59912:46928:56585:59962:53052:41715:39556:10009:179
25:28874:16490:26656:8788:6187:20269:13343:29921:13451:
26714:21182:16677:33315:-4281:17870:13476:-
4410:22100:23764:58569:48465:52333:59553:54031:44984:3
8955:31860:40399:53606:53202:53876:50262:41419:41642:5
5712:50271:32631:52774:41759:30877:42778:53211:41379:53
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61057:50233:45328:34718:48058:54470:48734

UTC Time Evidence

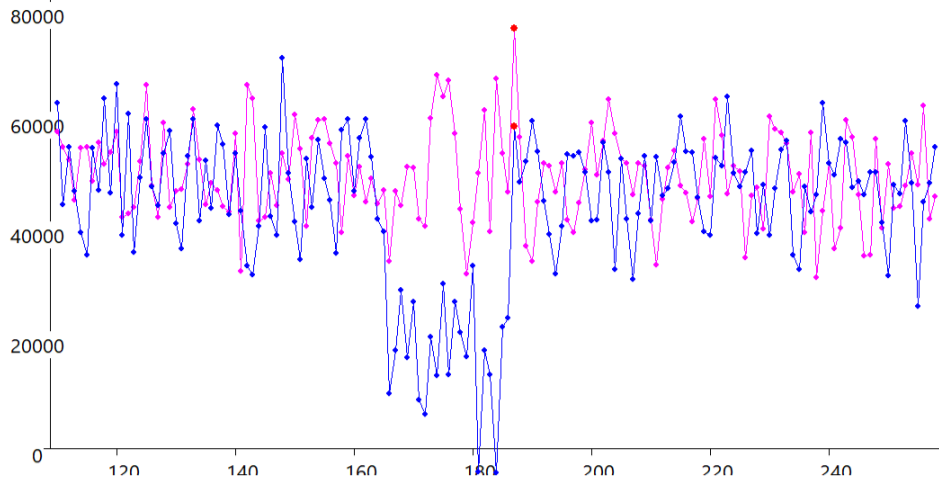


Target Star Position (Target star = Blue, Comparison star = Yellow, Pink = Background metering)



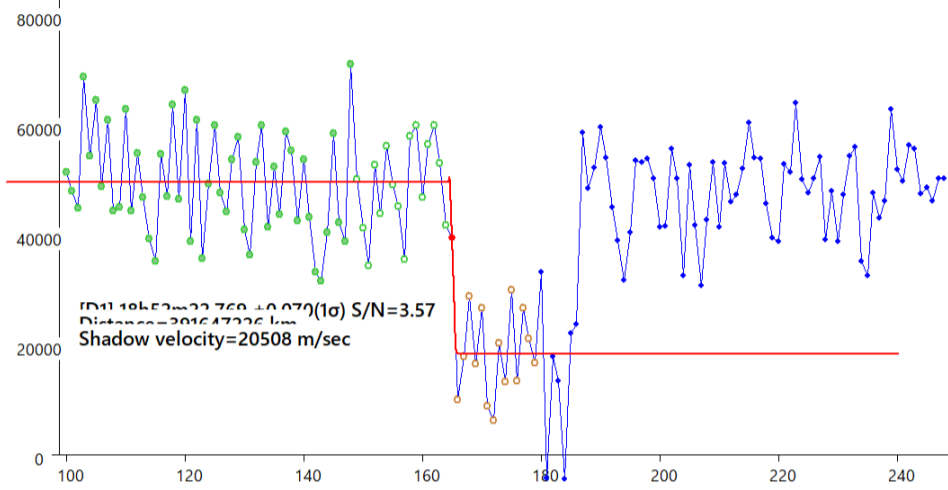
Light curve (Target star = Blue line, Comparison star = Pink Line)

2026 Feb 1, (362)Havnia occults UCAC4 361-070192 observed by Katsuhiko Kitazaki



Time analysis of disappearance

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Time analysis of reappearance

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