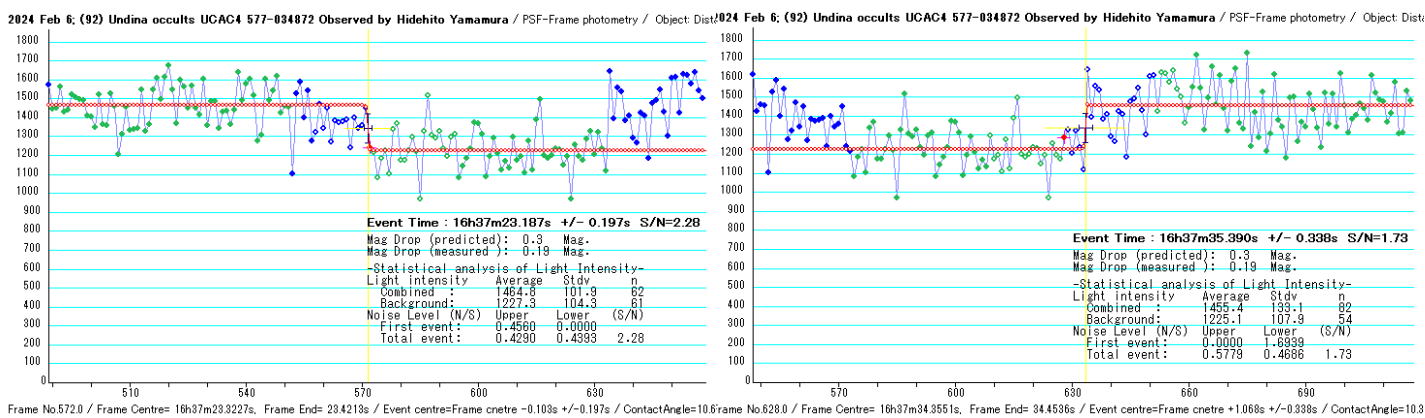
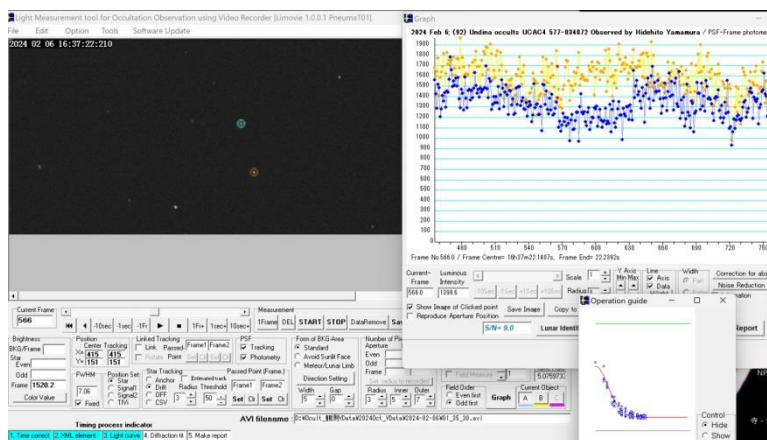


Hidehito Yamamura



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

[Date] 2024.2.6 [Approx hour] 16.7
[Star] UCAC4 577-034872
[Asteroid] (92)Undina
[Observer] 1: Hidehito Yamamura 2:
[Location] Tajimi,Gifu, JPN
[Longitude] 137o07'41.9" E
[Latitude] 35o20'57.3" N
[Altitude] 126m
[Datum] WGS84
[Event time] D: 16h37m23.187s +/- 0.197s (UTC)
S/N=2.28 Ctt=10.6
R: 16h37m35.390s +/- 0.239s (UTC)
S/N=1.73 Ctt=10.6
[Recorded] From 16h35m31s
To 16h39m16s
[Mag. drop] D: Measured: Mag Drop (measured):
0.19 Mag. ; Predicted: Mag Drop (predicted): 0.3
Mag.
R: Measured: Mag Drop (measured): 0.19
Mag. ; Predicted: Mag Drop (predicted): 0.3 Mag.
[Telescope] Aperture: 20cm Type: SCT F=3.3
[Camera] Digital SLR camera video , Model=
ASI290MM
[Exposure] Set: 197.0msec, Measure: 197msec
[Setting] Area: 1696x700 ; Binning=2
Gain: 361 ; Brightness: 88 ; High Speed
Mode: Off
[Time keep] GPS ; Model: VK172
[Evidence] GPS Time Log : Recorded ; Screen
shot: Recorded
[Condition] Stability: Steady Transparency: Clear
[Remarks]
[Additional comment]

```
<Observations>
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  <Date>2024|2|6|16.7</Date>
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    <Star>UCAC4|577-
034872|0|0|0.0000000000|0.000000000|0.00
|0.00|0.00|0|0.00000000|0.0000000|25.00|
25.00|25.00|0</Star>

<Asteroid>92|Undina|0.00000000|0.00000000
0|0.0000000|0.0000000|0.0000000|0.00000
00|1.00000|0.00000|0.0|1.0|20.00</Asteroi
d>
</Details>
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    <ID>1|Hidehito
Yamamura||0|Tajimi,Gifu|JPN|+137 07
41.9|+35 20 57.3|126| |20|3|b|a</ID>
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    <D>16 37 23.187|D|0.197|||</D>
    <R>16 37 35.390|R|0.239|||</R>
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Text-based Light curve

Date: 2024-2-6 16:37:6.97: 33.29: 170
Star: 0: 0: 0: 0: 0-0-0: 577-034872
Observer: +137:07:41.9: +35:20:57.3: 126:
Hidehito Yamamura
Object: Asteroid: 92: Undina
Values:1574:1443:1448:1564:1430:1440:1
522:1505:1498:1489:1408:1405:1346:152
3:1363:1361:1526:1459:1206:1315:1456:1
331:1338:1345:1549:1330:1365:1549:160
8:1496:1614:1676:1548:1369:1600:1564:1
449:1568:1449:1414:1601:1356:1484:148
7:1341:1432:1433:1364:1438:
1641:1494:1578:1604:1517:1275:1307:16
04:1492:1542:1617:1426:1460:1456:1102:
1525:1588:1398:1544:1279:1322:1469:13
44:1449:1270:1386:1372:1378:1391:1239:
1400:1343:1360:1452:1241:1213:1084:11
87:1226:1105:1340:1370:1175:1176:1225:
1295:1219:969:1326:1518:
1306:1291:1328:1234:1197:1296:1314:10
82:1143:1183:1237:1376:1371:1313:1087:
1194:1294:1212:1124:1169:1133:1296:11
74:1197:1110:1176:1122:1387:1498:1199:
1183:1202:1234:1233:1151:1194:971:125
9:1194:1176:1289:1328:1206:1323:1236:1
119:1644:1392:1559:1536:
1382:1410:1293:1266:1426:1410:1184:14
74:1494:1548:1431:1300:1611:1616:1427:
1629:1624:1578:1639:1543:1502