

[Date] 2024. 1.21 [Approx hour] 13.0

[Star] UCAC4 562-026851

[Asteroid] (13323)1998 SQ

[Observer] 1: Katsuhiko Kitazaki 2:

[Location] Tama Tokyo, JPN

[Longitude] 139o27'45.4" E

[Latitude] 35o38'59.7" N

[Altitude] 49m

[Datum] WGS84

[Event time] D: 12h59m27.243s +/- 0.011s (UTC) S/N=3.79
R: 12h59m28.591s +/- 0.010s (UTC) S/N=4.00

[Recorded] From 12h58m0s
To 13h0m0s

[Mag. drop] D: Measured: 2.18 ; Predicted: 4.7
R: Measured: 2.20 ; Predicted: 4.7

[Telescope] Aperture: 28cm Type: SCT F=2.1

[Camera] Analog or Digital video , Model= ASI290MM

[Exposure] Set: 34.4msec, Measure: 34.4msec

[Setting] Area: 1936x400 ; Binning=2
Gain: 460 ; Brightness: 195 ; High Speed Mode: Off

[Time keep] GPS ; Model: GHS-OSD

[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Clear

[Remarks] It was cloudy until 30 minutes before the event. Seeing was not so good after the passage of the low pressure system.

[Additional comment]

<Observations>

<Event>

<Date>2024|1|21|13.0</Date>

<Details>

<Star>UCAC4|562-026851|0||0.0000000000|0.0000000000|0.00|0.00|0.00|0|0.00000000|0.0000000|25.00|25.00|25.00|0</Star>

<Asteroid>13323|1998 SQ|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|1.000000|0.000000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Katsuhiko Kitazaki||0|Tama Tokyo|JPN|+139 27 45.4|+35 38 59.7|49| |28|3|a|a</ID>

<Conditions>2|1|3.90||It was cloudy until 30 minutes before the event. Seeing was not so good after the passage of the low pressure system.</Conditions>

<D>12 59 27.243|D|0.011||| </D>

<R>12 59 28.591|R|0.010||| </R>

</Observer>

</Observations>

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

</Event>

</Observations>

Text-based Light curve

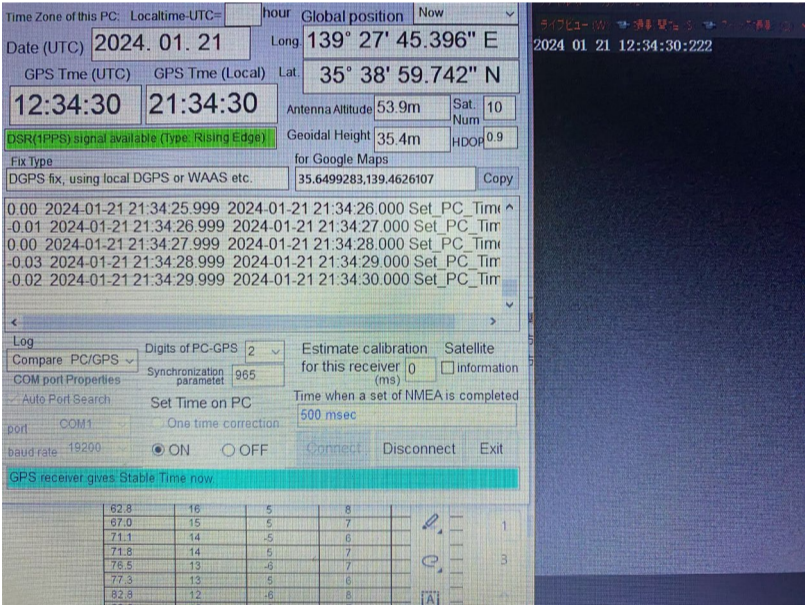
Date: 2024-1-21 12:59:22.79: 11.66: 340

Star: 0: 0: 0: 0: 0-0-0: 562-026851

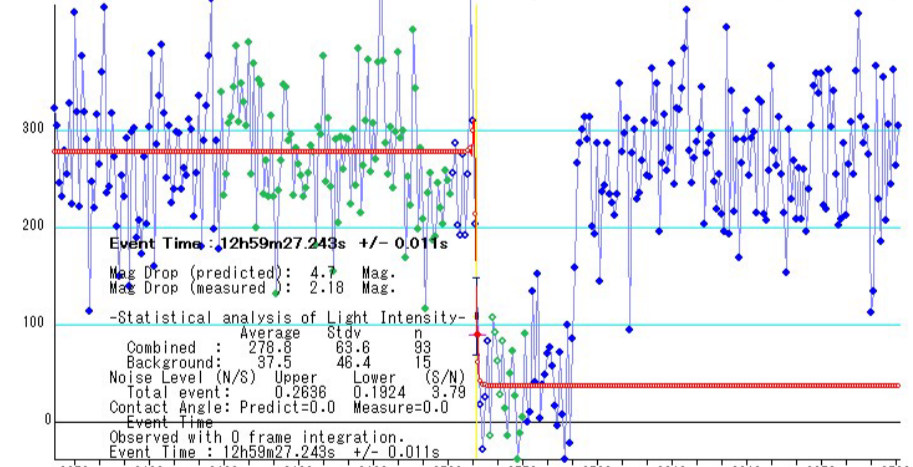
Observer: +139:27:45.4: +35:38:59.7: 49: Katsuhiko Kitazaki

Object: Asteroid: 13323: 1998 SQ

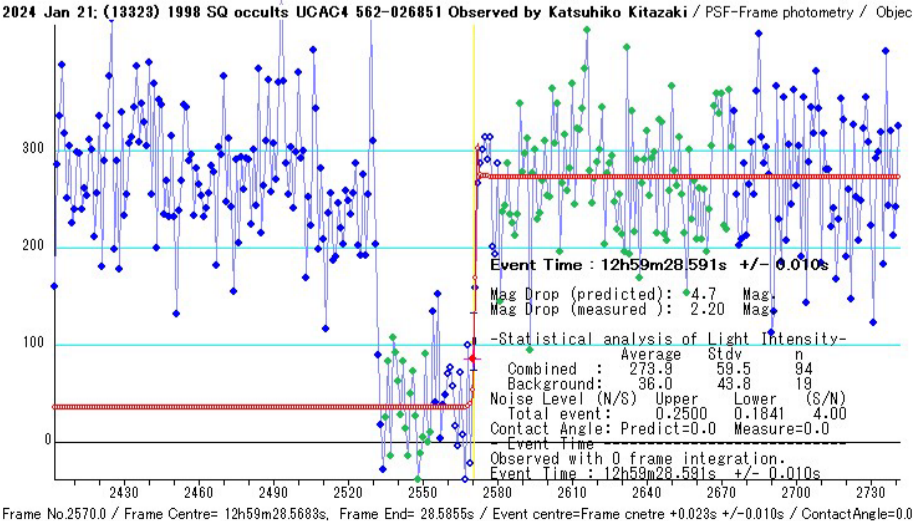
Values:161:286:337:389:318:252:305:226:240:299:297:240:262:254:312:302:212:257:337:182:290:326:377:436:199:290:178:340:234:256:309:314:346:388:310:349:330:306:392:255:369:200:353:348:235:269:232:316:233:132:239:270:347:346:290:296:233:282:266:255:233:241:257:285:279:183:304:297:378:248:314:242:155:291:206:294:261:293:291:225:302:244:385:215:264:311:374:258:308:271:371:480:373:287:256:304:241:299:382:293:300:170:253:223:405:344:200:282:210:117:236:256:188:192:246:222:205:260:250:235:256:288:202:193:276:193:255:444:310:204:90:18:-27:27:84:-13:108:92:63:28:84:15:-14:50:73:28:-38:-11:5:92:1:11:135:41:153:4:39:49:71:77:58:17:-3:73:9:-38:101:-21:86:159:267:287:302:315:292:315:201:194:287:145:237:244:288:235:226:213:235:349:278:298:314:95:278:301:230:236:270:311:255:253:364:308:349:197:268:317:260:282:370:246:323:323:344:384:425:280:247:272:289:302:346:204:277:288:295:248:219:256:214:197:407:194:341:217:291:169:267:292:321:254:293:299:216:332:330:215:208:259:368:280:264:314:255:216:154:302:230:270:210:261:209:261:197:240:306:347:359:339:360:224:220:363:305:342:255:203:209:288:213:265:309:256:362:422:315:288:304:276:114:135:367:230:187:356:209:307:245:363:265:306:191:356:144:289:346:318:383:344:185:319:282:281:222:242:168:230:354:333:191:261:148:328:253:209:249:323:355:309:224:124:293:299:320:184:403:244:321:213:243:326



2024 Jan 21: (13323) 1998 SQ occults UCAC4 562-026851 Observed by Katsuhiko Kitazaki / PSF-Frame photometry / Objec



Frame No 2532.0 / Frame Centre= 12h59m27.2609s, Frame End= 27.2781s / Event centre=Frame centre -0.018s +/-0.011s / ContactAngle=0.0



Frame No 2570.0 / Frame Centre= 12h59m28.5688s, Frame End= 28.5855s / Event centre=Frame centre +0.023s +/-0.010s / ContactAngle=0.0