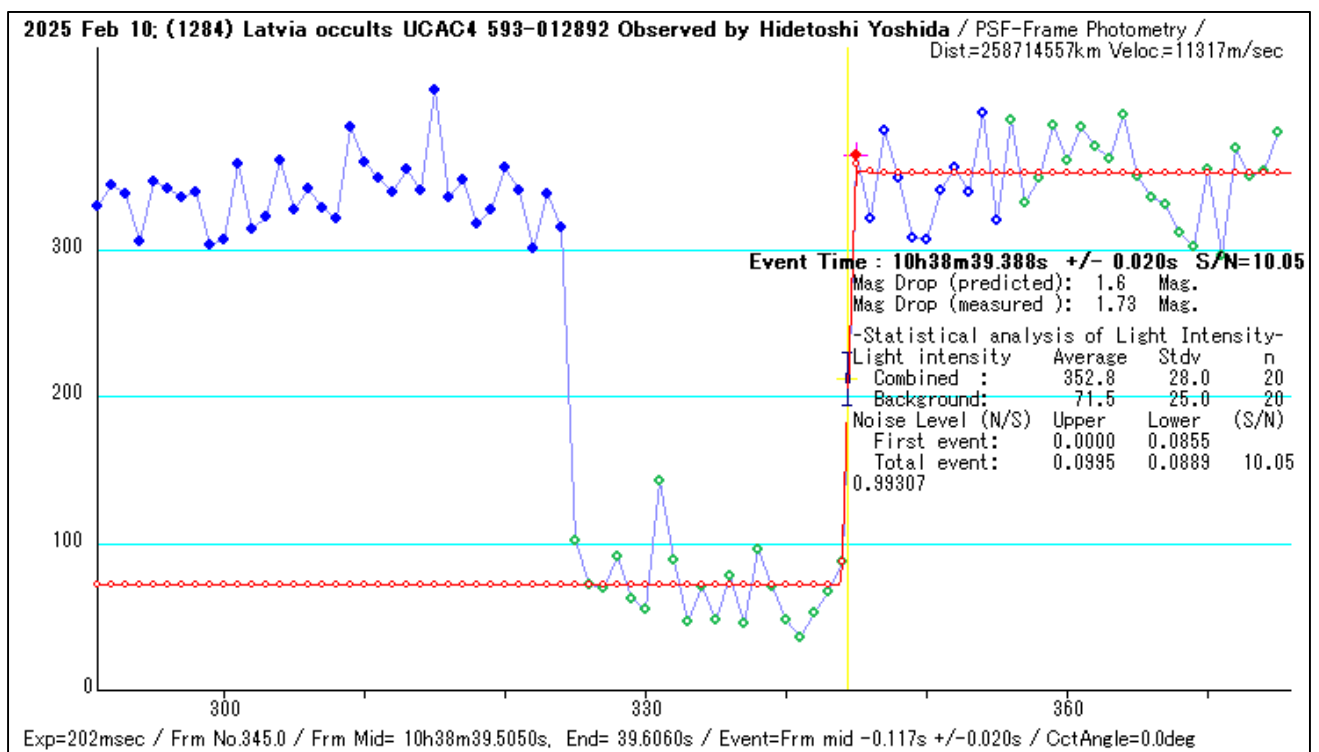
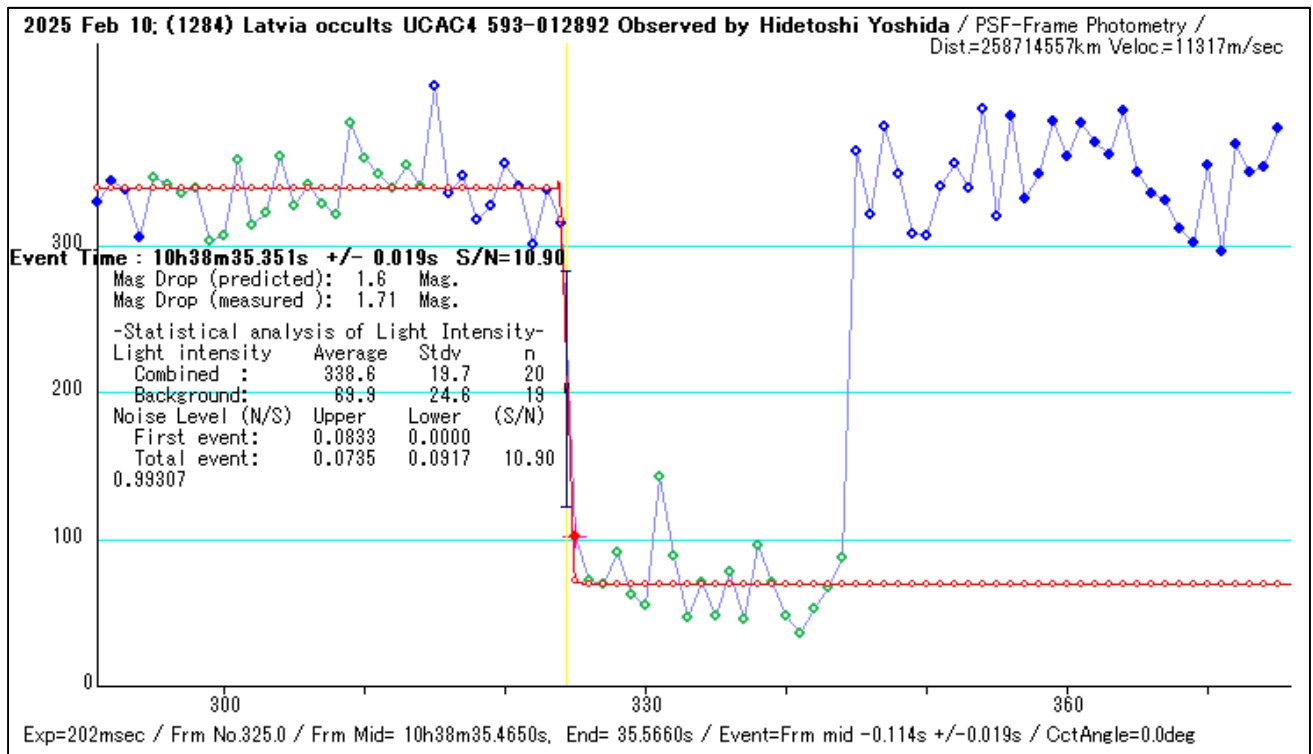


2025 Feb 10

Main-belt Asteroid (1284)Latvia Occults UCAC4 593-012892

北海道札幌市 吉田秀敏

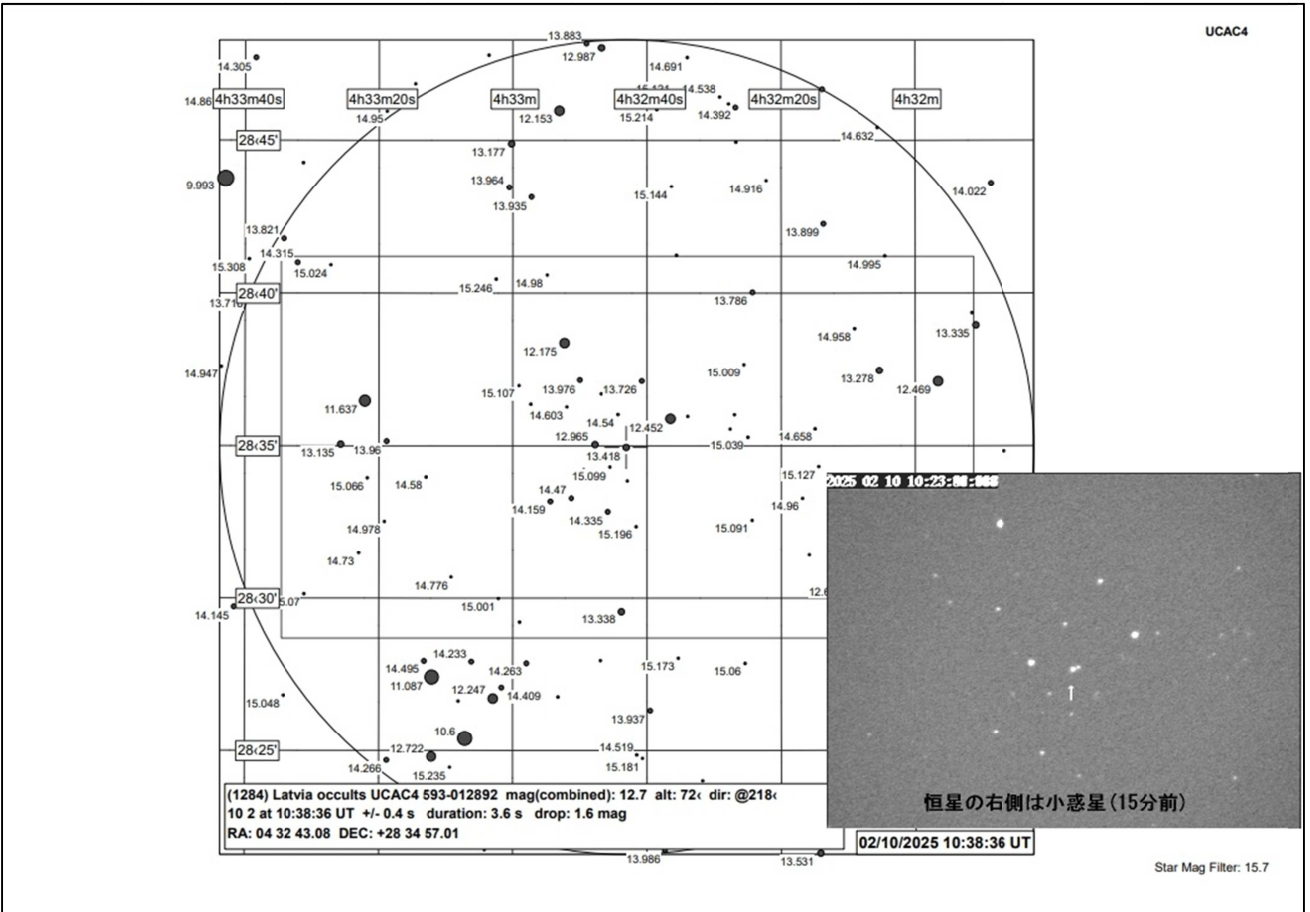
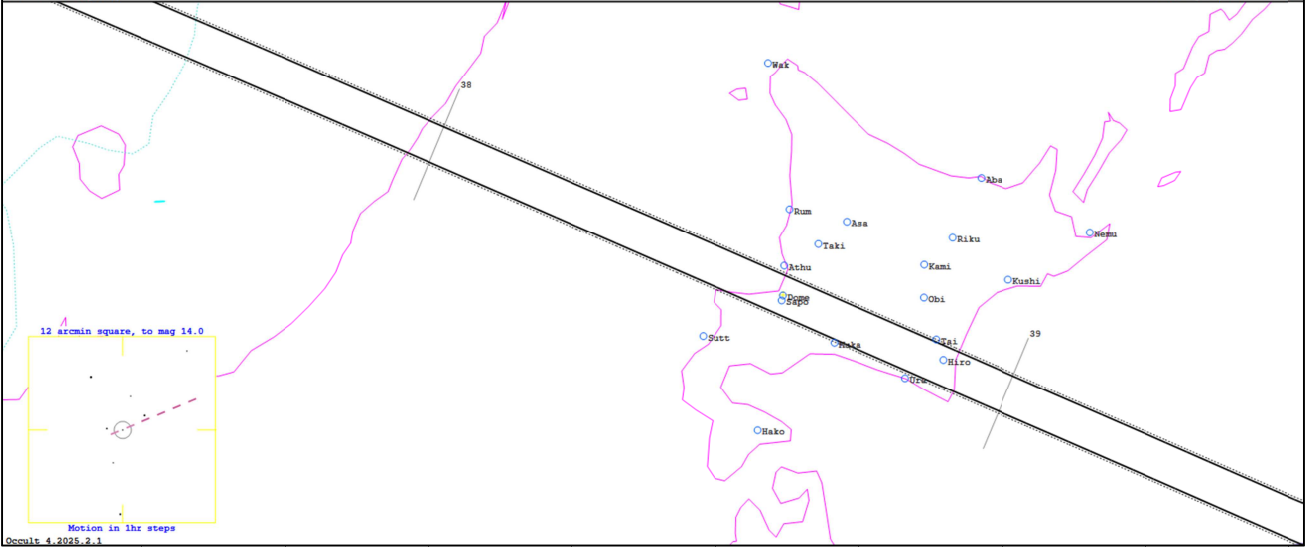


1284 Latvia occults UCAC4 593-012892 on 2025 Feb 10 from 10h 29m to 10h 47m UT

Star: (Dia < 0.1 mas)
 RA = 4 32 43.0755 (astrometric)
 Dec = 28 34 57.014
 (of Date: 4 34 15, 28 38 15)
 Prediction of 2024 Dec 28.8
 Reliable 1.1 (good).

Durations: Max = 3.6 secs
 lim = 0.088 secs, lims = 0.11 secs
 Mag Drop: 1.6 (77%) v, 1.6 (78%) r
 Sun: Dist = 109°
 Moon: Dist = 45°, illum = 95%
 Id Err: ±(4.3 x 0.5) mas in PA 86°

Asteroid: (in DMIT)
 Nr = 14.4; Nr = 13.4
 Dia = 41.2km, 32 mas
 Baseline = 5.085"
 Hourly dRA = 2.278"
 dDec = -13.55"
 JPL99 Ephem, Known errors



2025 Feb 10