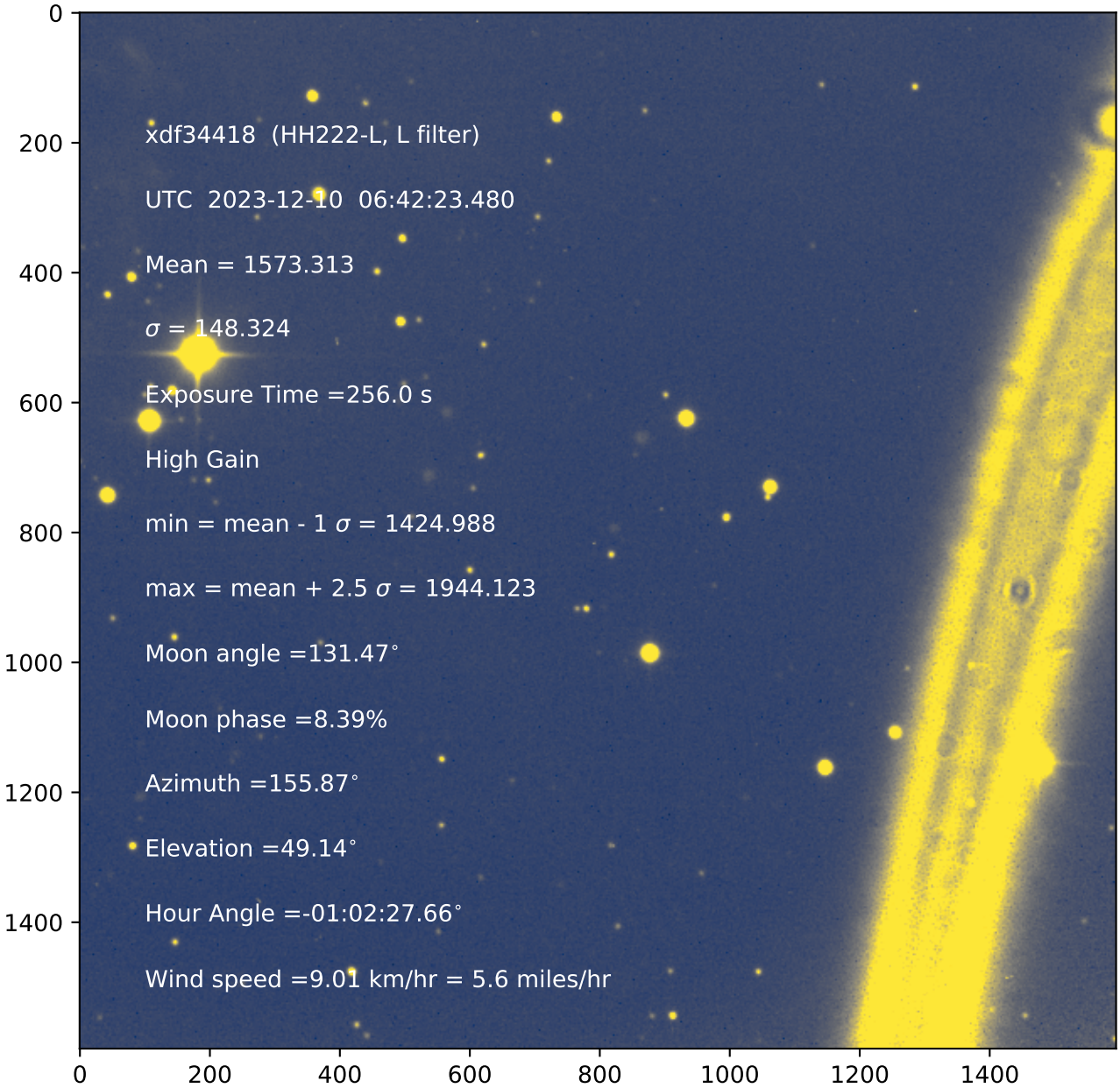
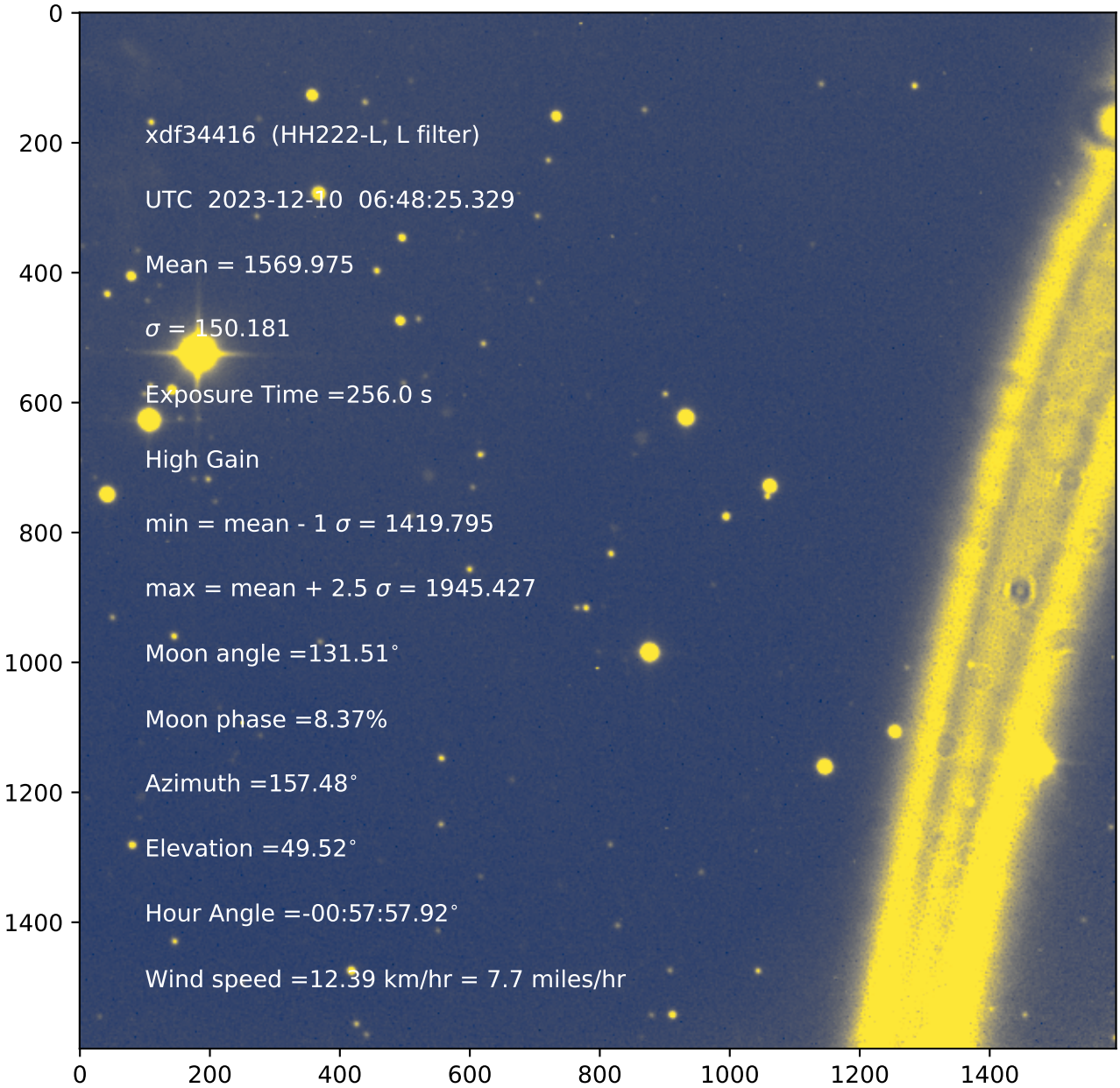
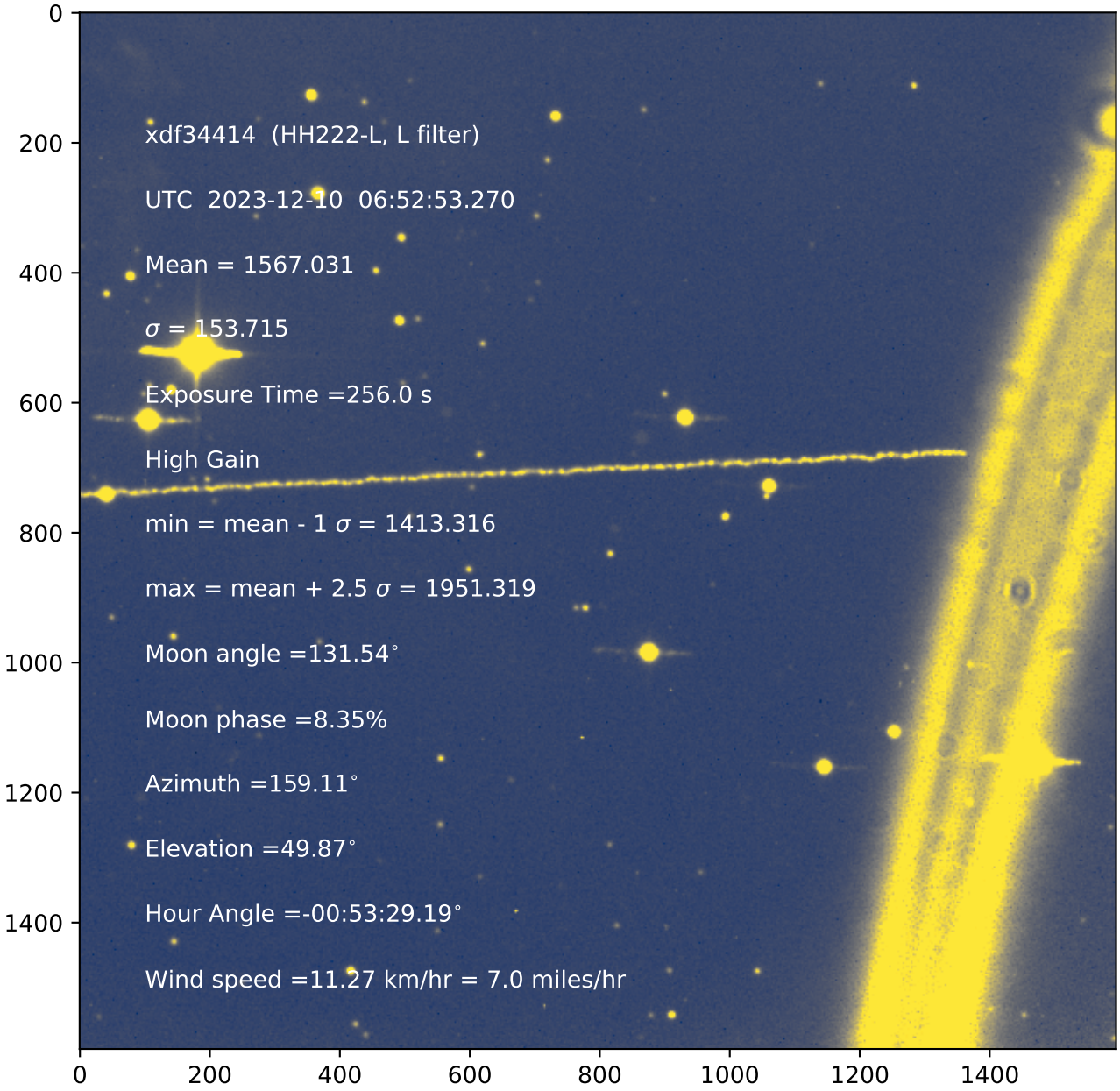
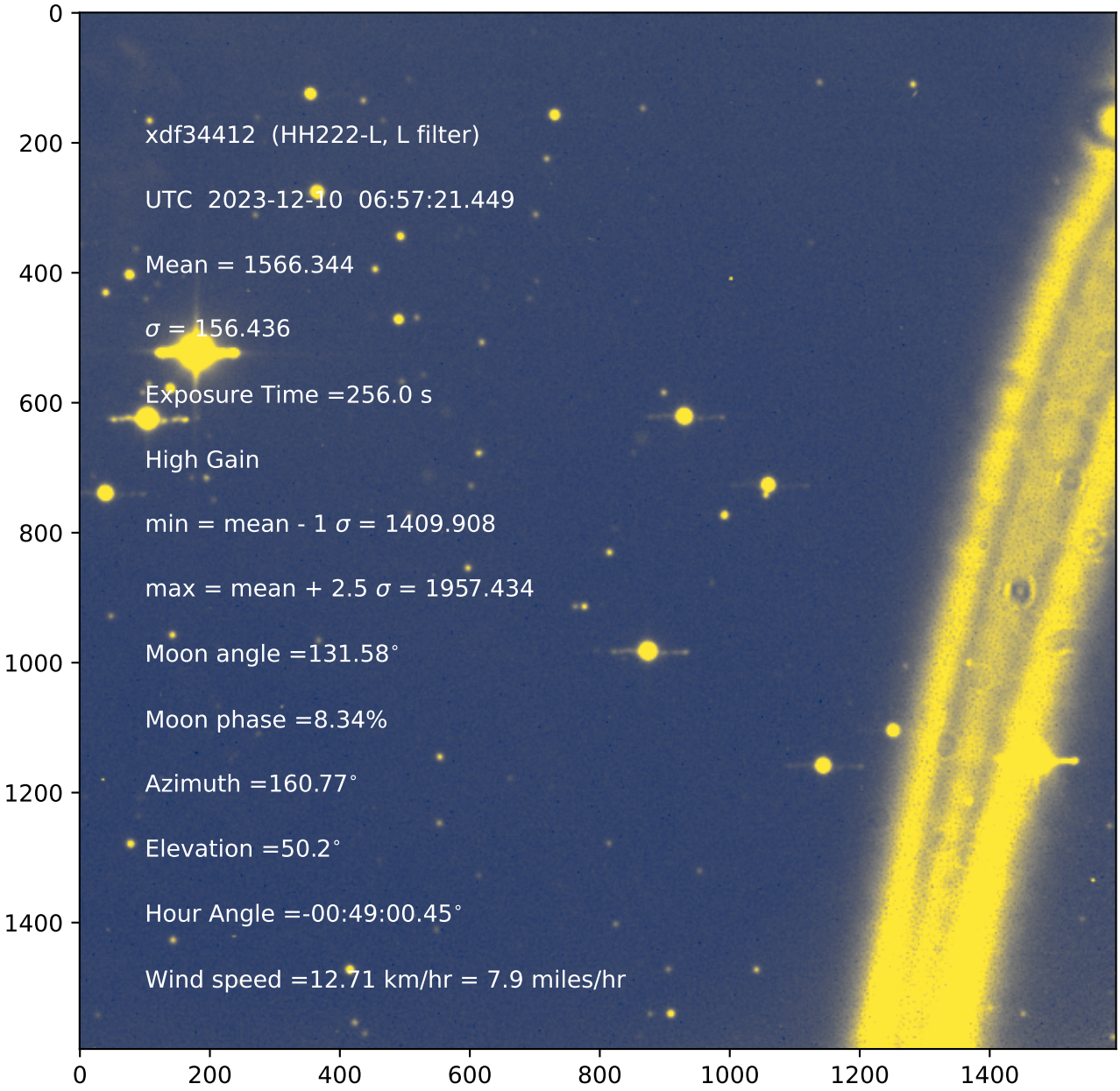
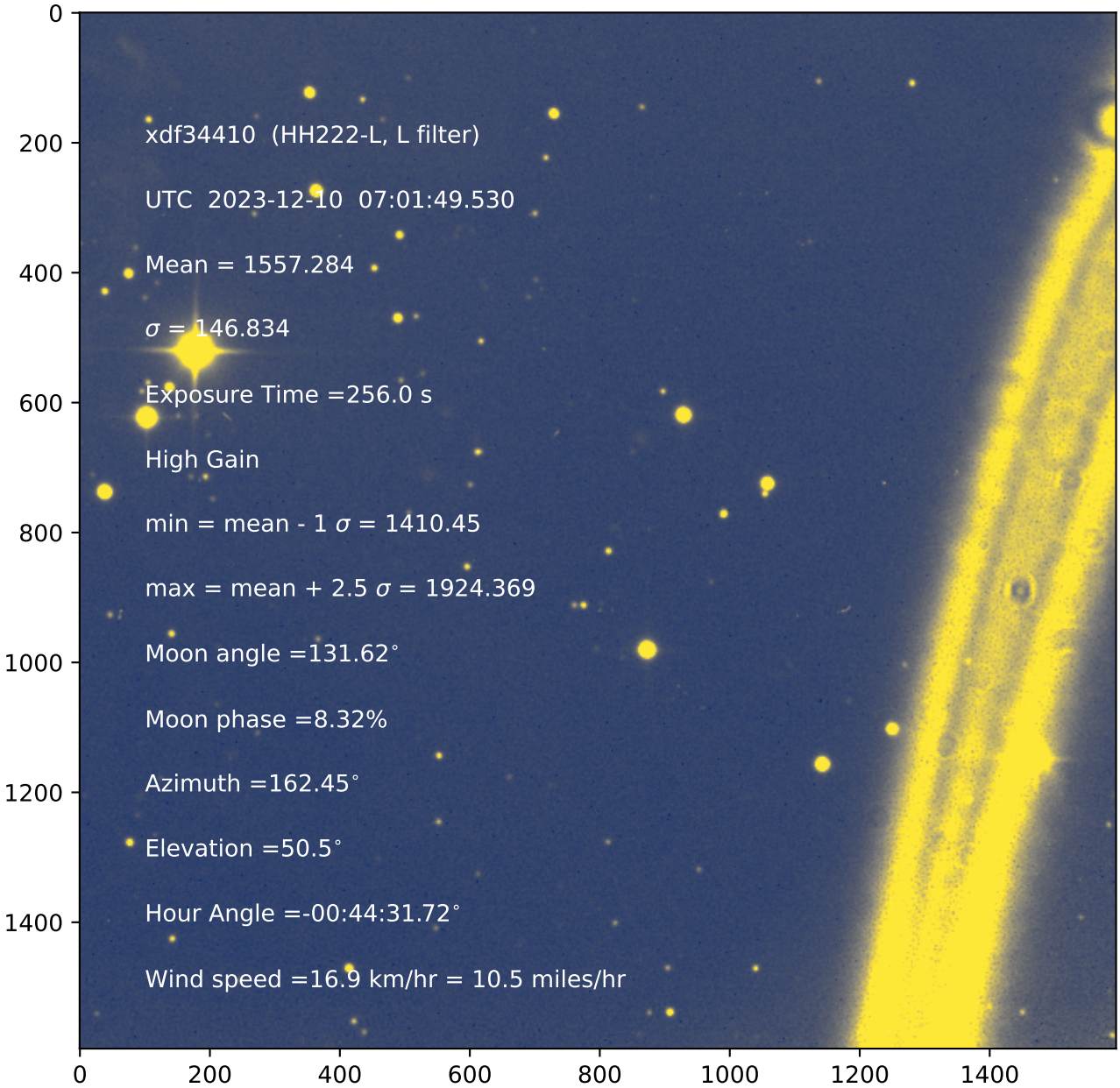
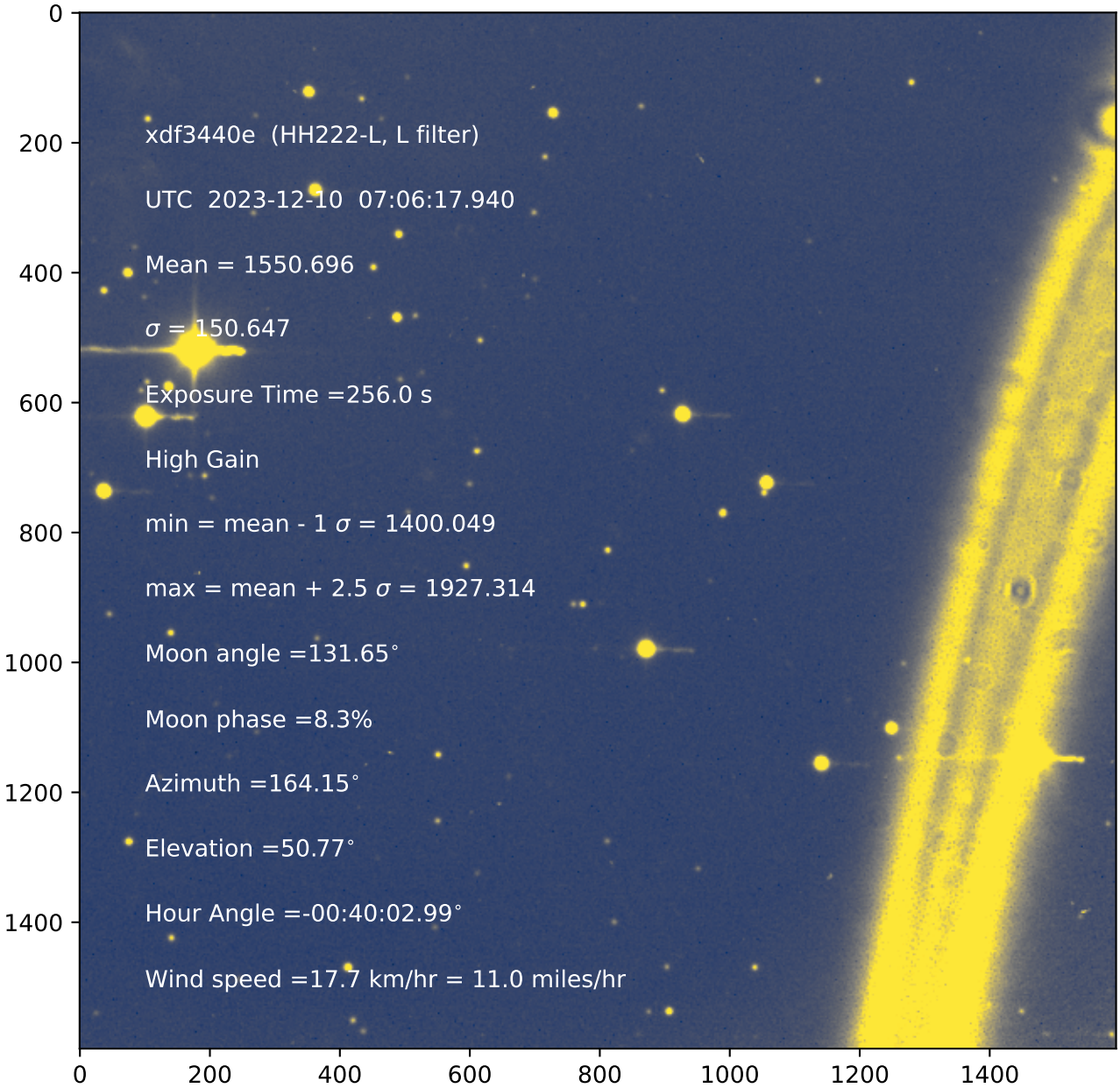

xdf34418 (HH222-L, L filter)
UTC 2023-12-10 06:42:23.480
Mean = 1573.313
σ = 148.324
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1424.988
max = mean + 2.5 σ = 1944.123
Moon angle =131.47°
Moon phase =8.39%
Azimuth =155.87°
Elevation =49.14°
Hour Angle =-01:02:27.66°
Wind speed =9.01 km/hr = 5.6 miles/hr
0
200
400
600
800
1000
1200
1400

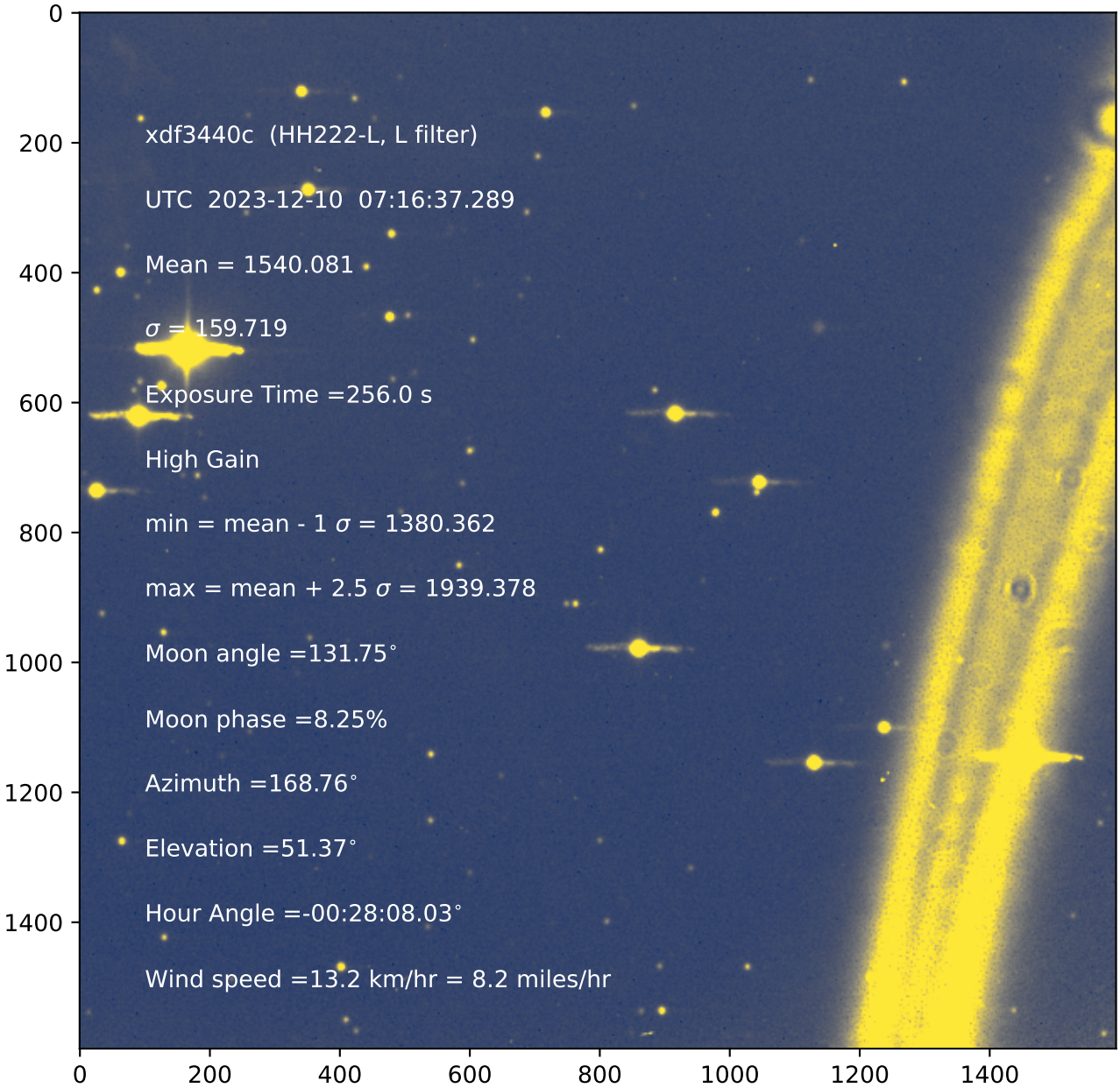

xdf34416 (HH222-L, L filter)
UTC 2023-12-10 06:48:25.329
Mean = 1569.975
σ = 150.181
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1419.795
max = mean + 2.5 σ = 1945.427
Moon angle =131.51°
Moon phase =8.37%
Azimuth =157.48°
Elevation =49.52°
Hour Angle =-00:57:57.92°
Wind speed =12.39 km/hr = 7.7 miles/hr
0
200
400
600
800
1000
1200
1400

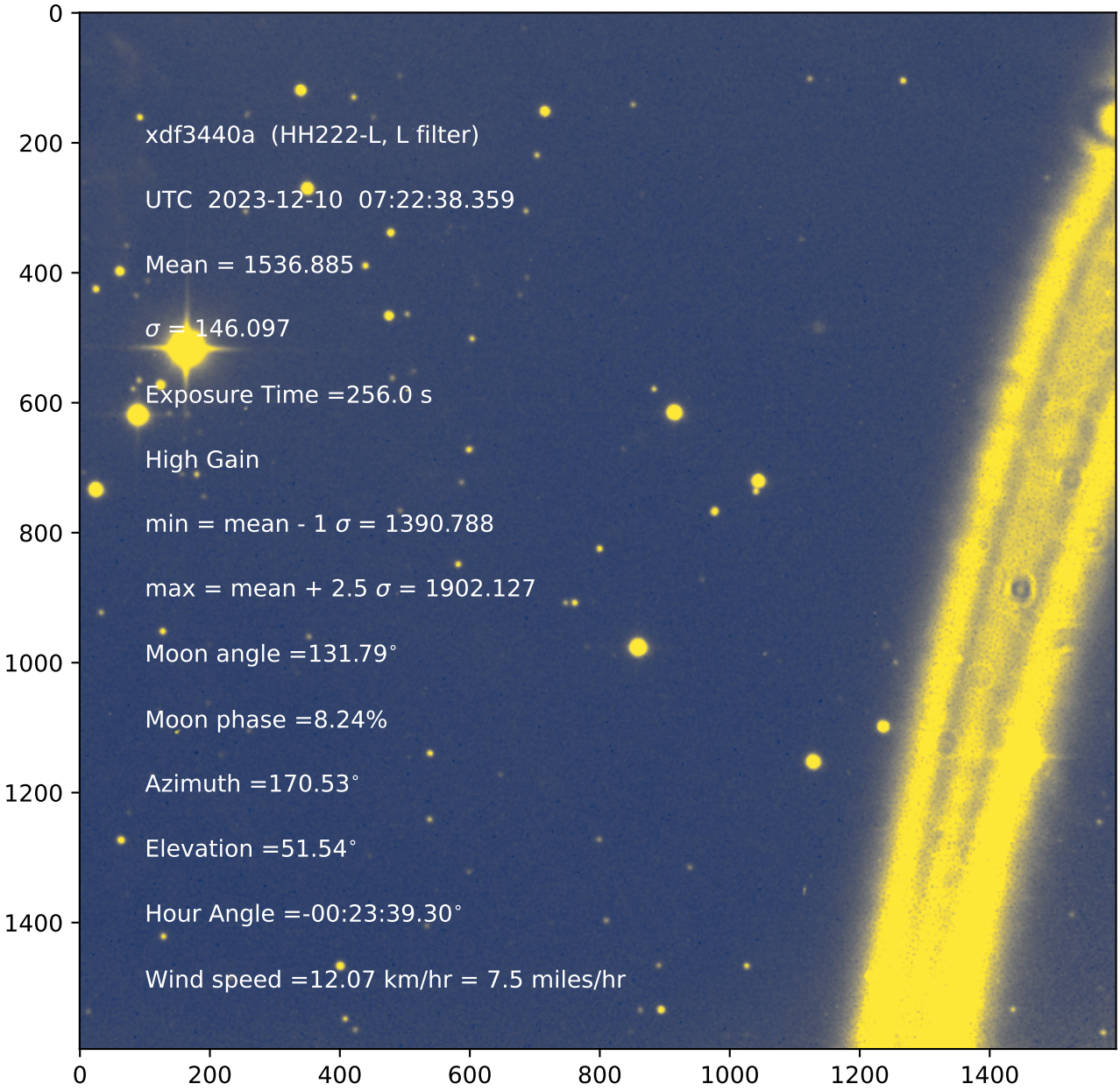

xdf34414 (HH222-L, L filter)
UTC 2023-12-10 06:52:53.270
Mean = 1567.031
σ = 153.715
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1413.316
max = mean + 2.5 σ = 1951.319
Moon angle =131.54°
Moon phase =8.35%
Azimuth =159.11°
Elevation =49.87°
Hour Angle =-00:53:29.19°
Wind speed =11.27 km/hr = 7.0 miles/hr
0
200
400
600
800
1000
1200
1400

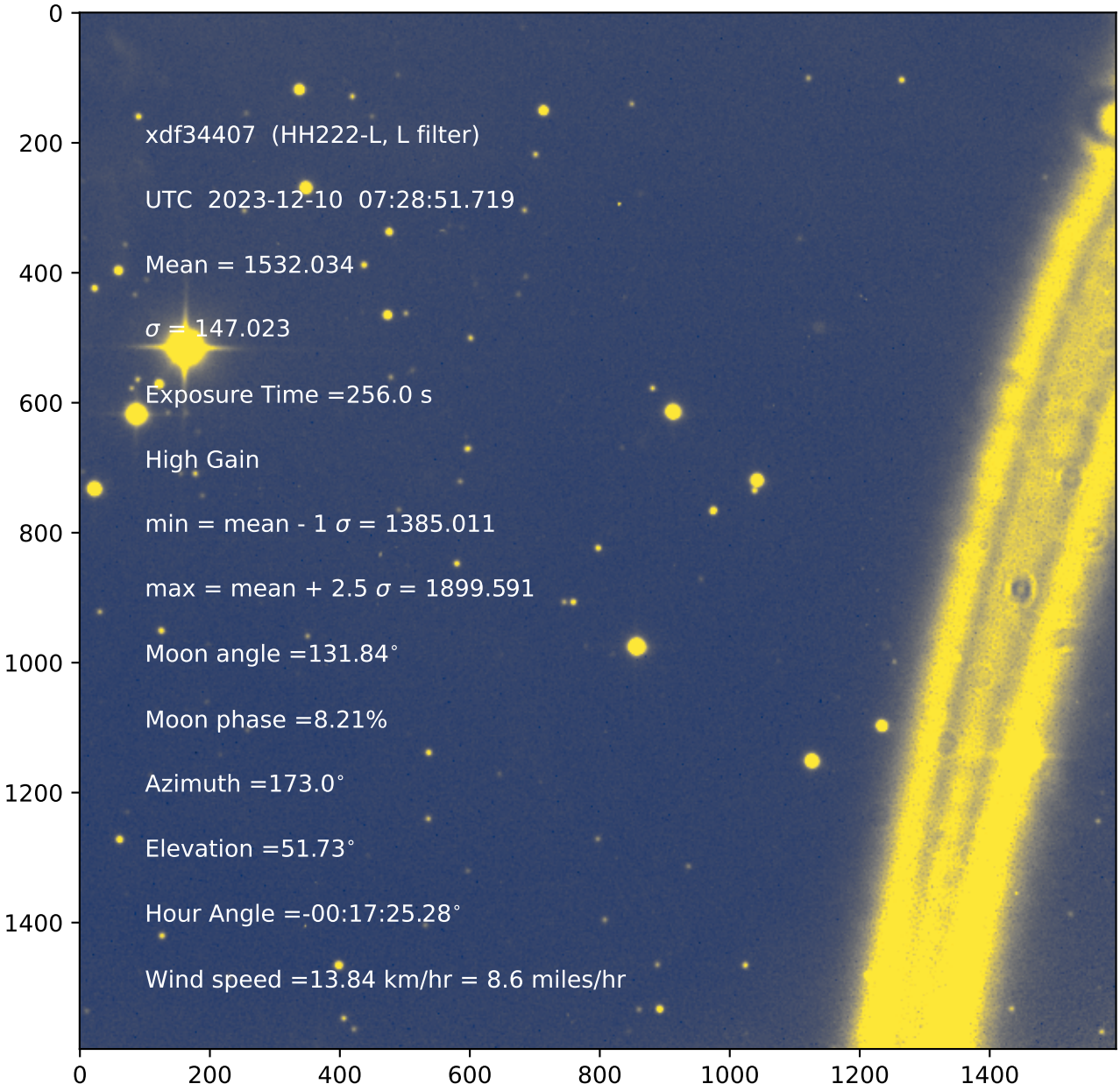

xdf34412 (HH222-L, L filter)
UTC 2023-12-10 06:57:21.449
Mean = 1566.344
σ = 156.436
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1409.908
max = mean + 2.5 σ = 1957.434
Moon angle =131.58°
Moon phase =8.34%
Azimuth =160.77°
Elevation =50.2°
Hour Angle =-00:49:00.45°
Wind speed =12.71 km/hr = 7.9 miles/hr
0
200
400
600
800
1000
1200
1400

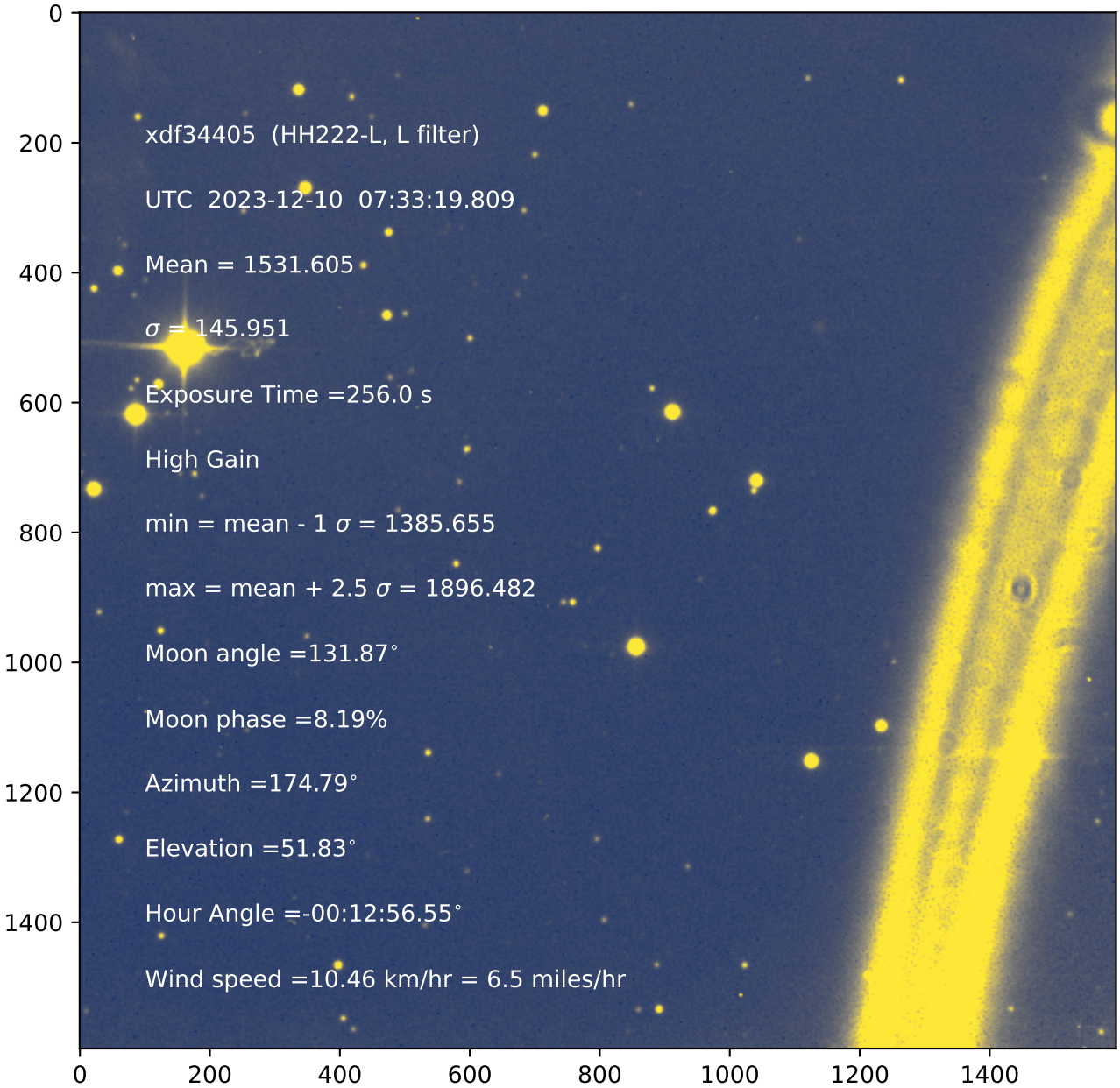

xdf34410 (HH222-L, L filter)
UTC 2023-12-10 07:01:49.530
Mean = 1557.284
σ = 146.834
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1410.45
max = mean + 2.5 σ = 1924.369
Moon angle =131.62°
Moon phase =8.32%
Azimuth =162.45°
Elevation =50.5°
Hour Angle =-00:44:31.72°
Wind speed =16.9 km/hr = 10.5 miles/hr
0
200
400
600
800
1000
1200
1400

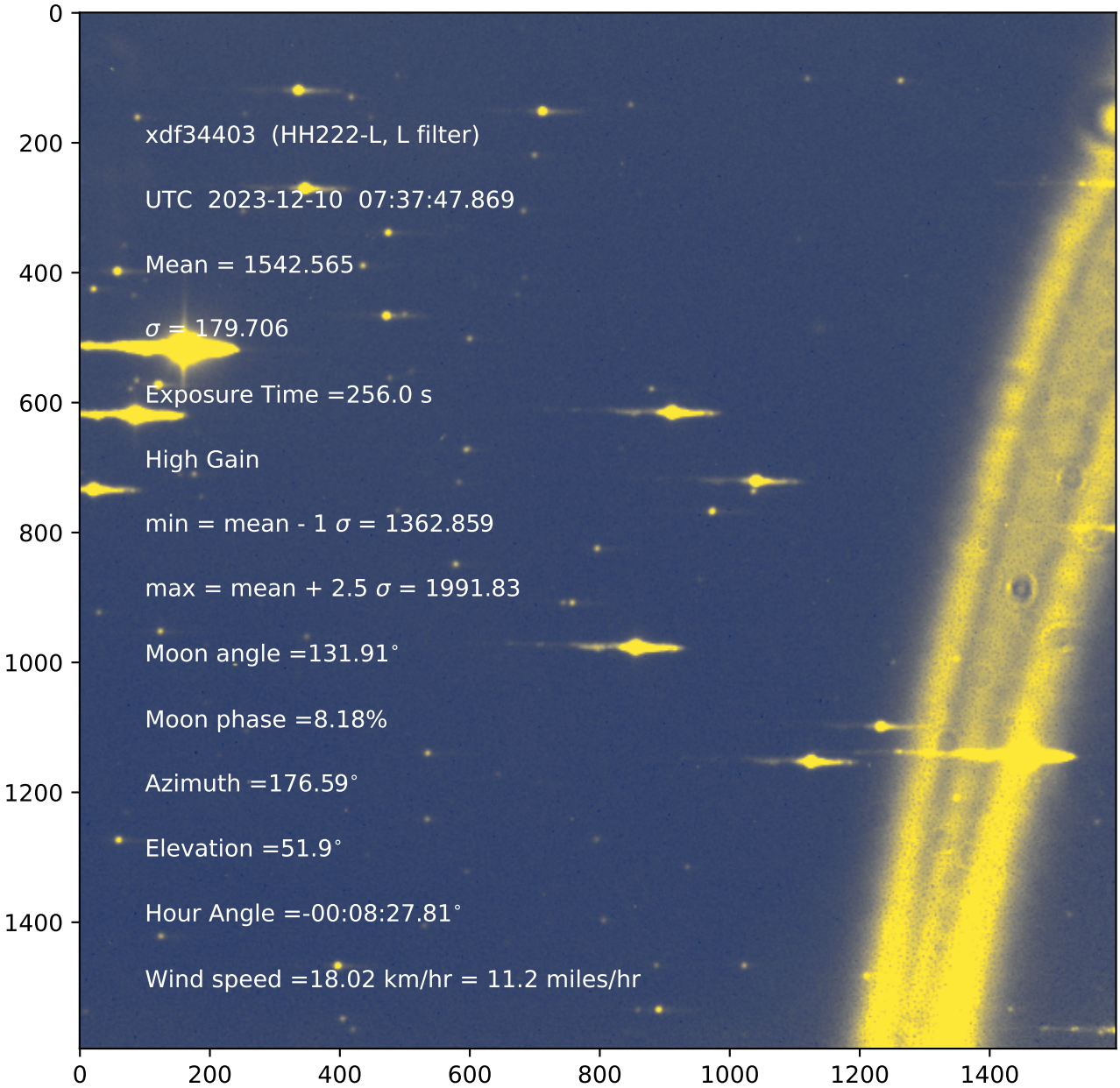

xdf3440e (HH222-L, L filter)
UTC 2023-12-10 07:06:17.940
Mean = 1550.696
σ = 150.647
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1400.049
max = mean + 2.5 σ = 1927.314
Moon angle =131.65°
Moon phase =8.3%
Azimuth =164.15°
Elevation =50.77°
Hour Angle =-00:40:02.99°
Wind speed =17.7 km/hr = 11.0 miles/hr
0
200
400
600
800
1000
1200
1400

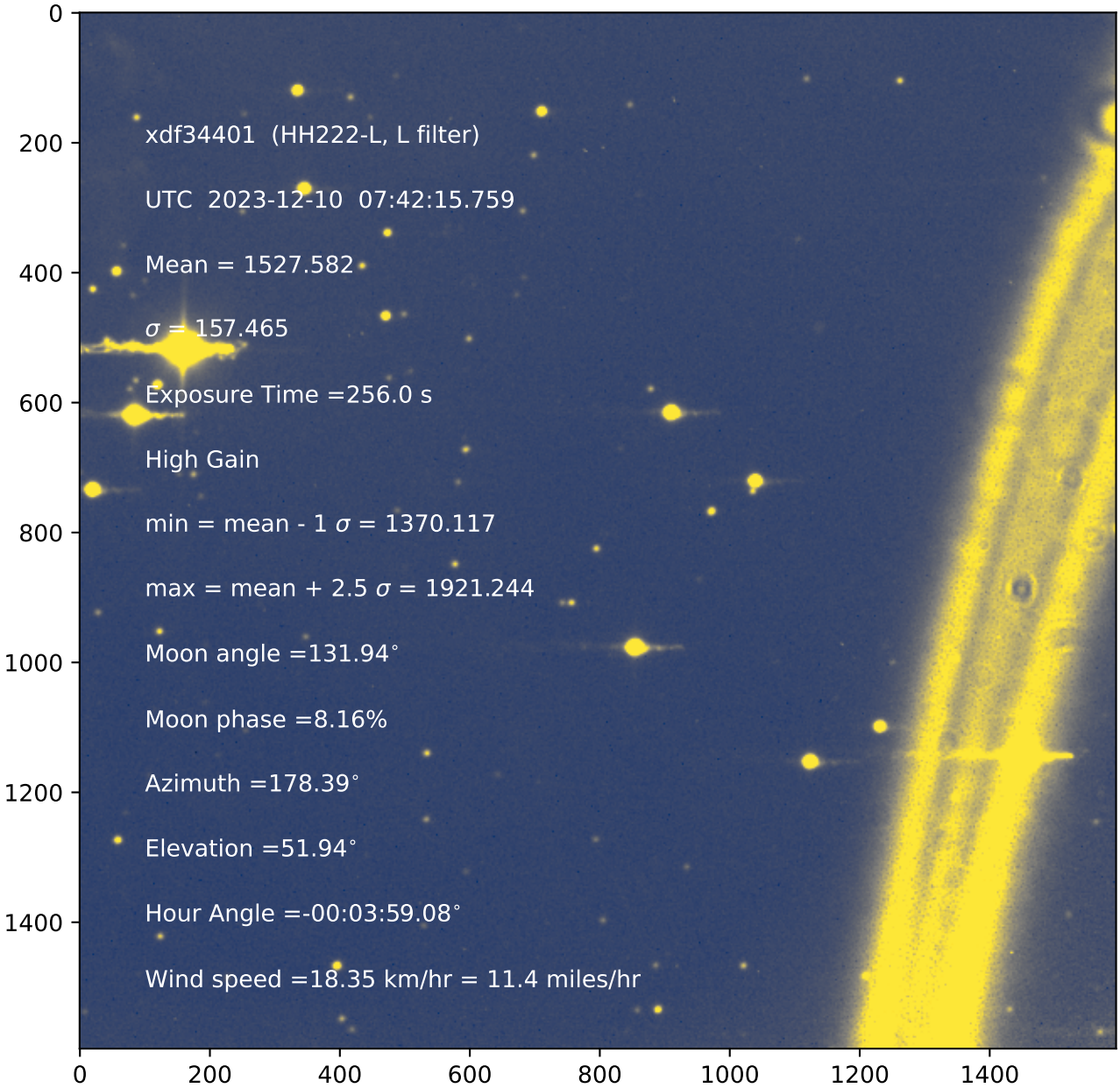

xdf3440c (HH222-L, L filter)
UTC 2023-12-10 07:16:37.289
Mean = 1540.081
σ = 159.719
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1380.362
max = mean + 2.5 σ = 1939.378
Moon angle =131.75°
Moon phase =8.25%
Azimuth =168.76°
Elevation =51.37°
Hour Angle =-00:28:08.03°
Wind speed =13.2 km/hr = 8.2 miles/hr
0
200
400
600
800
1000
1200
1400

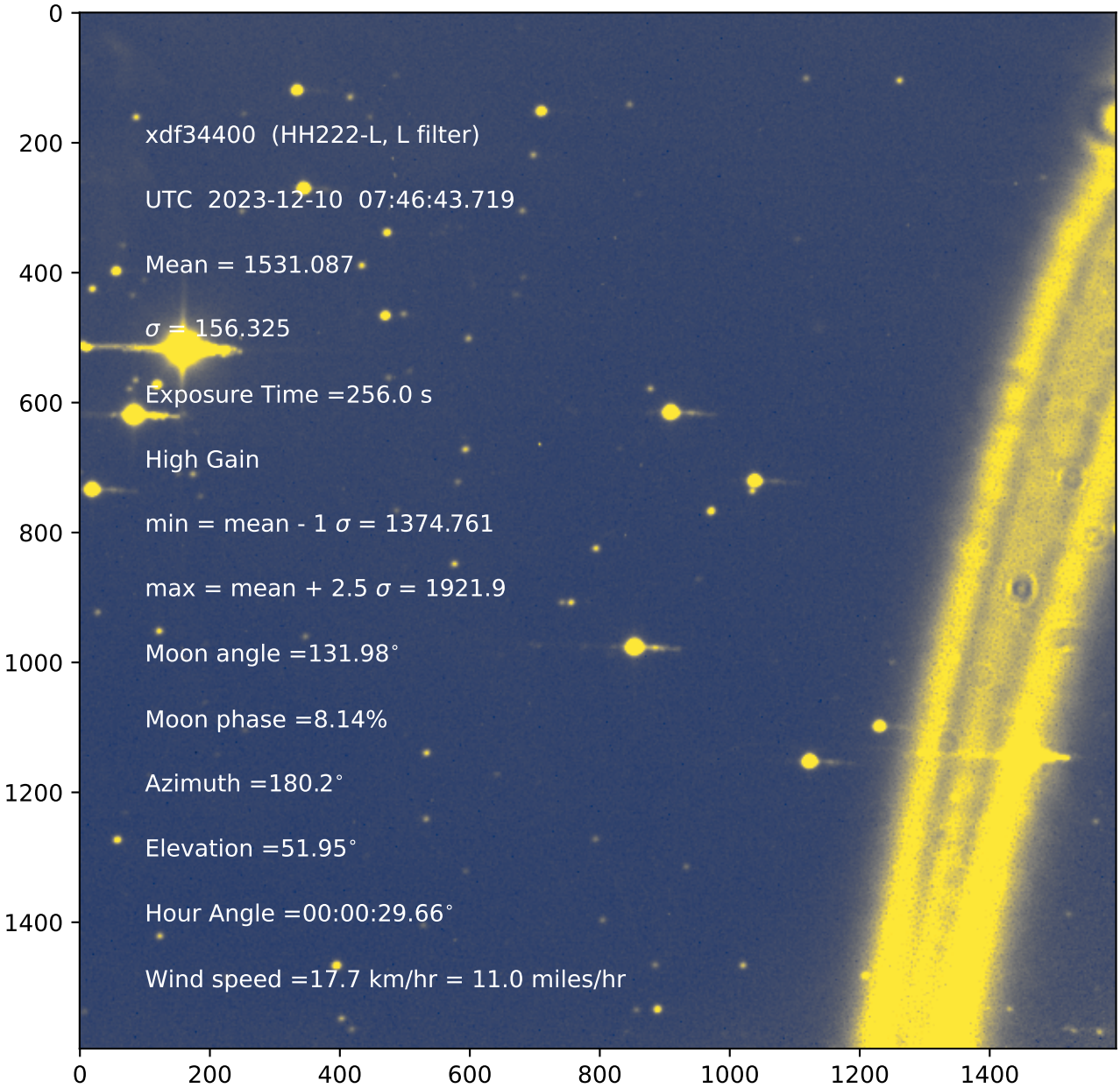

xdf3440a (HH222-L, L filter)
UTC 2023-12-10 07:22:38.359
Mean = 1536.885
σ = 146.097
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1390.788
max = mean + 2.5 σ = 1902.127
Moon angle =131.79°
Moon phase =8.24%
Azimuth =170.53°
Elevation =51.54°
Hour Angle =-00:23:39.30°
Wind speed =12.07 km/hr = 7.5 miles/hr
0
200
400
600
800
1000
1200
1400

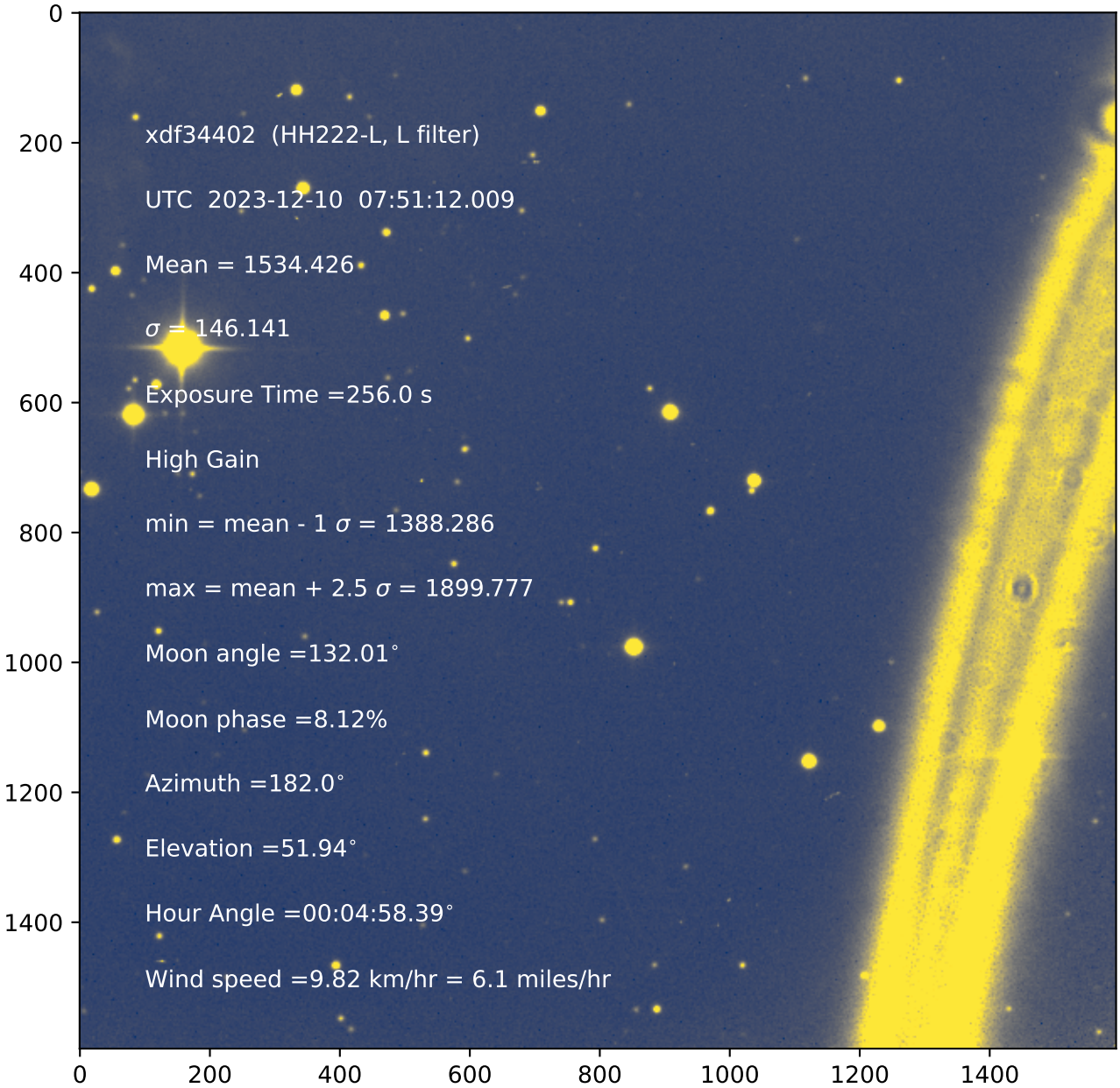

xdf34407 (HH222-L, L filter)
UTC 2023-12-10 07:28:51.719
Mean = 1532.034
σ = 147.023
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1385.011
max = mean + 2.5 σ = 1899.591
Moon angle =131.84°
Moon phase =8.21%
Azimuth =173.0°
Elevation =51.73°
Hour Angle =-00:17:25.28°
Wind speed =13.84 km/hr = 8.6 miles/hr
0
200
400
600
800
1000
1200
1400

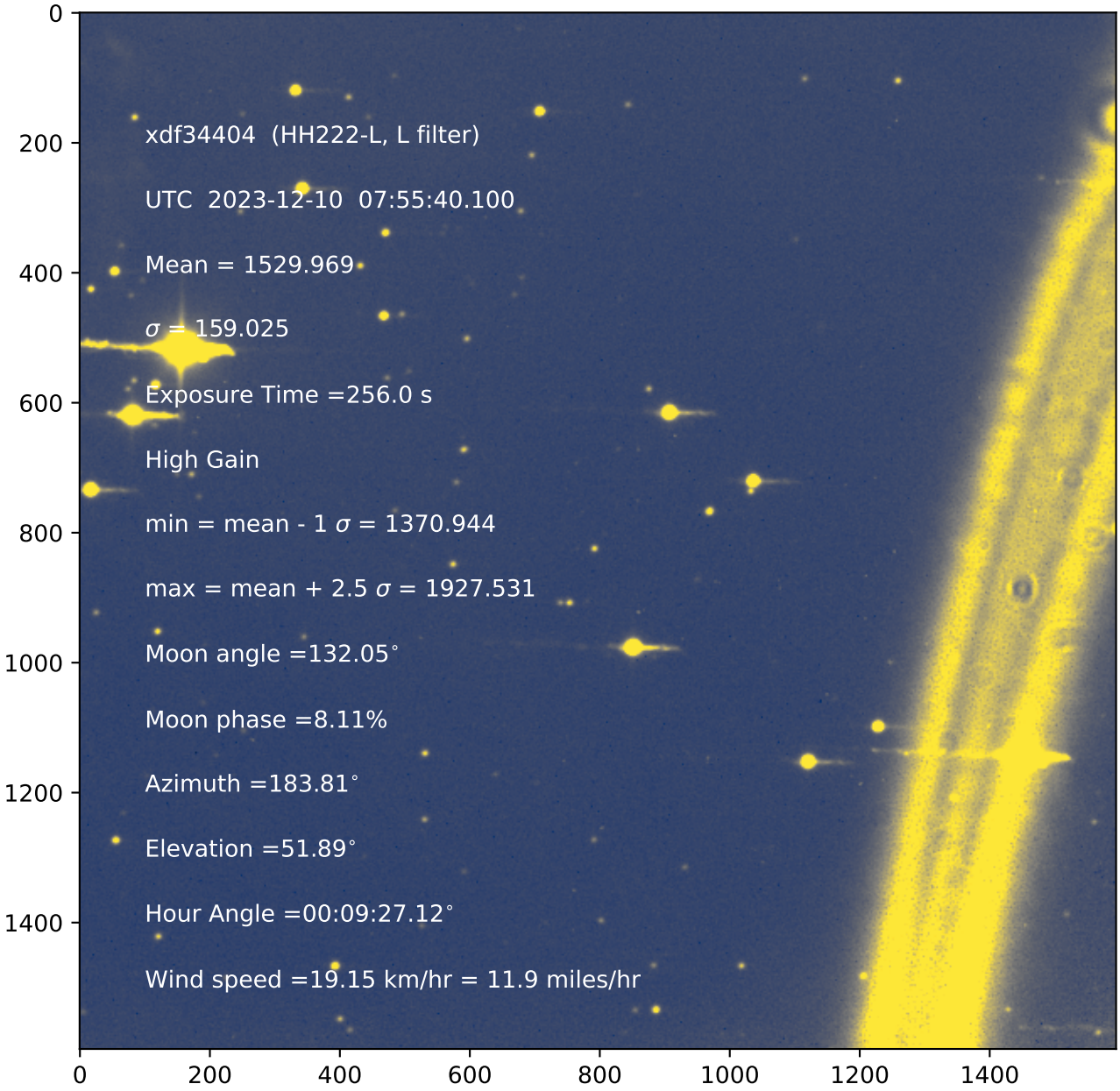

xdf34405 (HH222-L, L filter)
UTC 2023-12-10 07:33:19.809
Mean = 1531.605
σ = 145.951
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1385.655
max = mean + 2.5 σ = 1896.482
Moon angle =131.87°
Moon phase =8.19%
Azimuth =174.79°
Elevation =51.83°
Hour Angle =-00:12:56.55°
Wind speed =10.46 km/hr = 6.5 miles/hr
0
200
400
600
800
1000
1200
1400

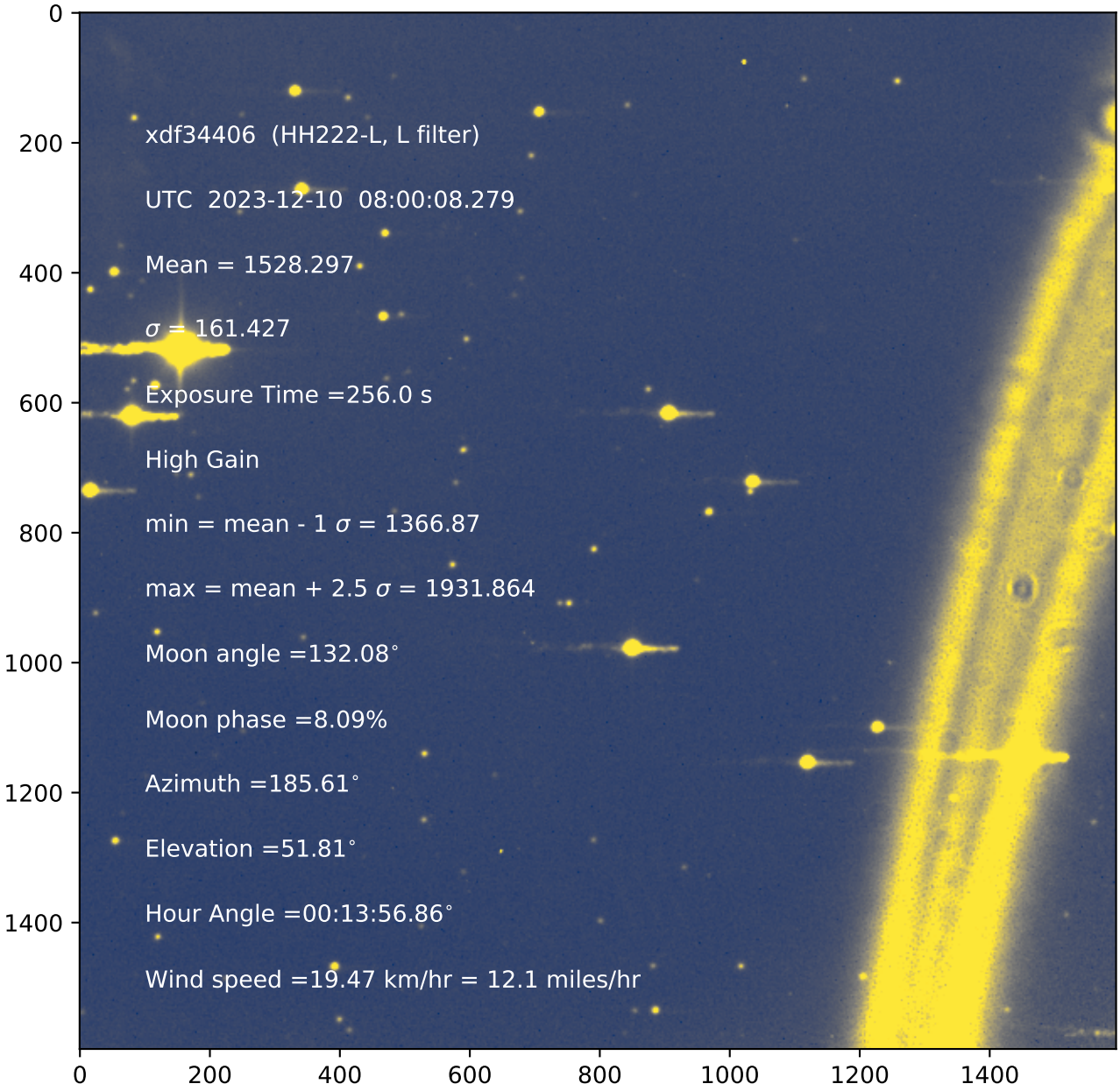

xdf34403 (HH222-L, L filter)
UTC 2023-12-10 07:37:47.869
Mean = 1542.565
σ = 179.706
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1362.859
max = mean + 2.5 σ = 1991.83
Moon angle =131.91°
Moon phase =8.18%
Azimuth =176.59°
Elevation =51.9°
Hour Angle =-00:08:27.81°
Wind speed =18.02 km/hr = 11.2 miles/hr
0
200
400
600
800
1000
1200
1400

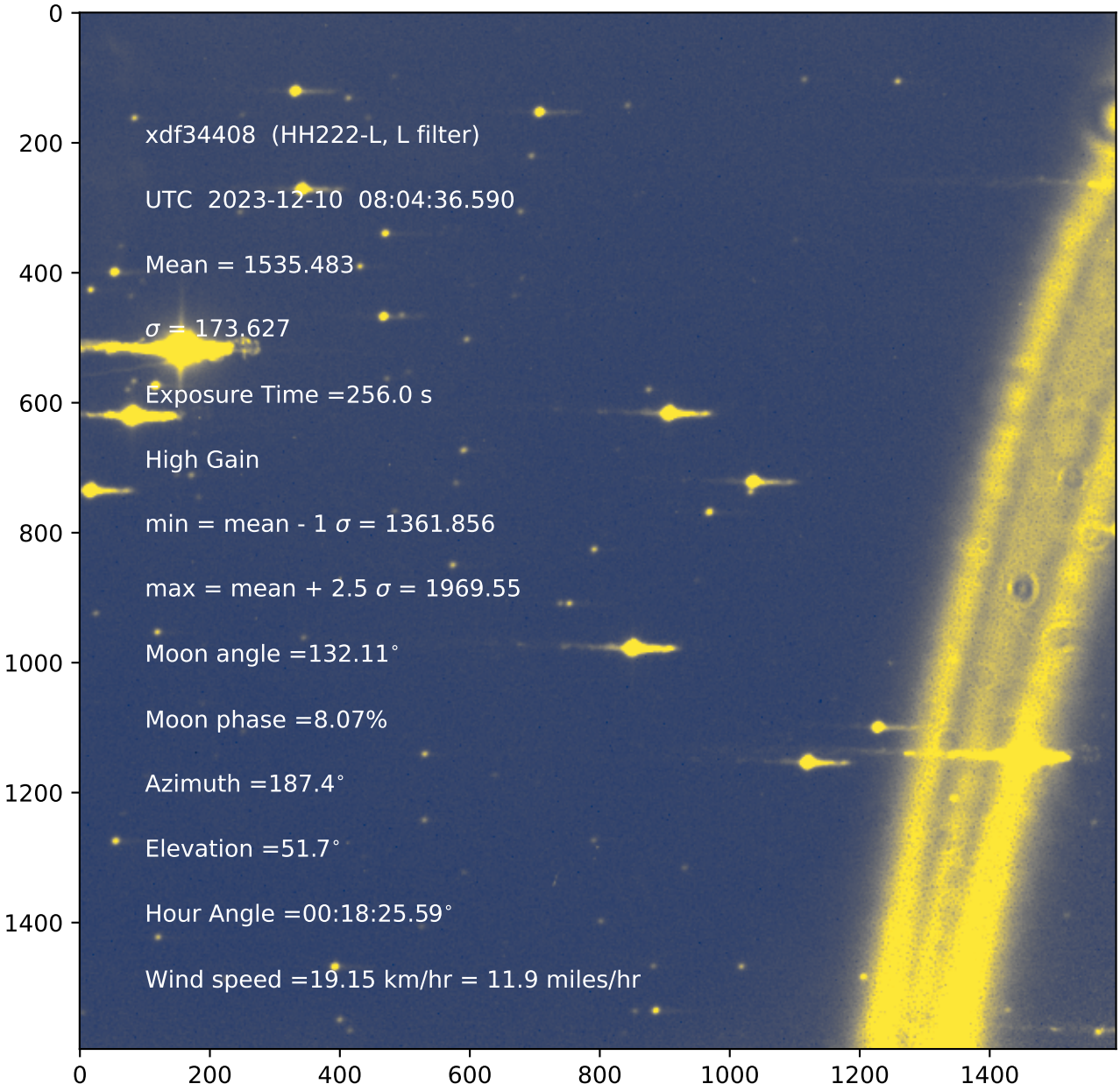

xdf34401 (HH222-L, L filter)
UTC 2023-12-10 07:42:15.759
Mean = 1527.582
σ = 157.465
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1370.117
max = mean + 2.5 σ = 1921.244
Moon angle =131.94°
Moon phase =8.16%
Azimuth =178.39°
Elevation =51.94°
Hour Angle =-00:03:59.08°
Wind speed =18.35 km/hr = 11.4 miles/hr
0
200
400
600
800
1000
1200
1400

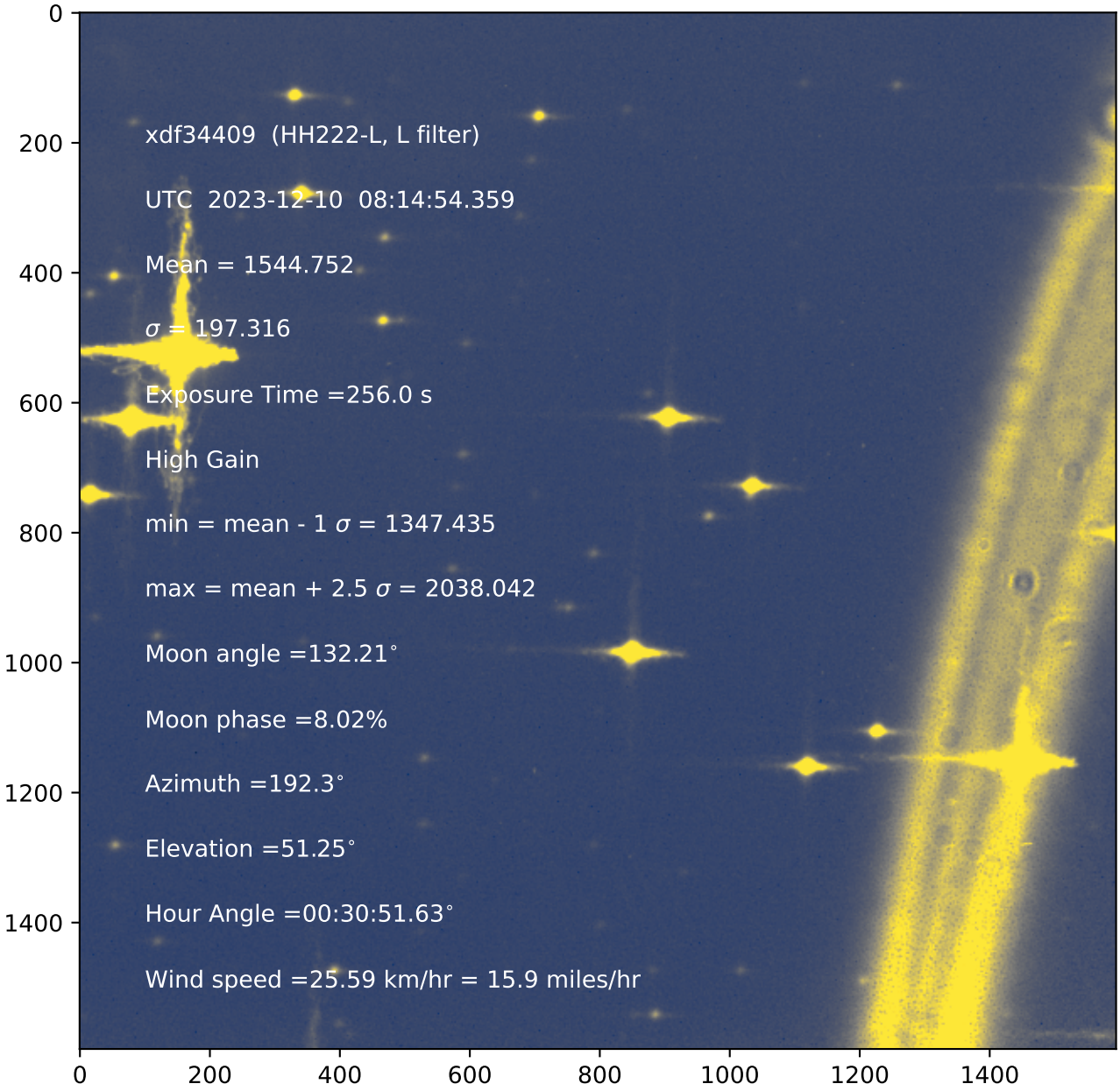

xdf34400 (HH222-L, L filter)
UTC 2023-12-10 07:46:43.719
Mean = 1531.087
σ = 156.325
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1374.761
max = mean + 2.5 σ = 1921.9
Moon angle =131.98°
Moon phase =8.14%
Azimuth =180.2°
Elevation =51.95°
Hour Angle =00:00:29.66°
Wind speed =17.7 km/hr = 11.0 miles/hr
0
200
400
600
800
1000
1200
1400

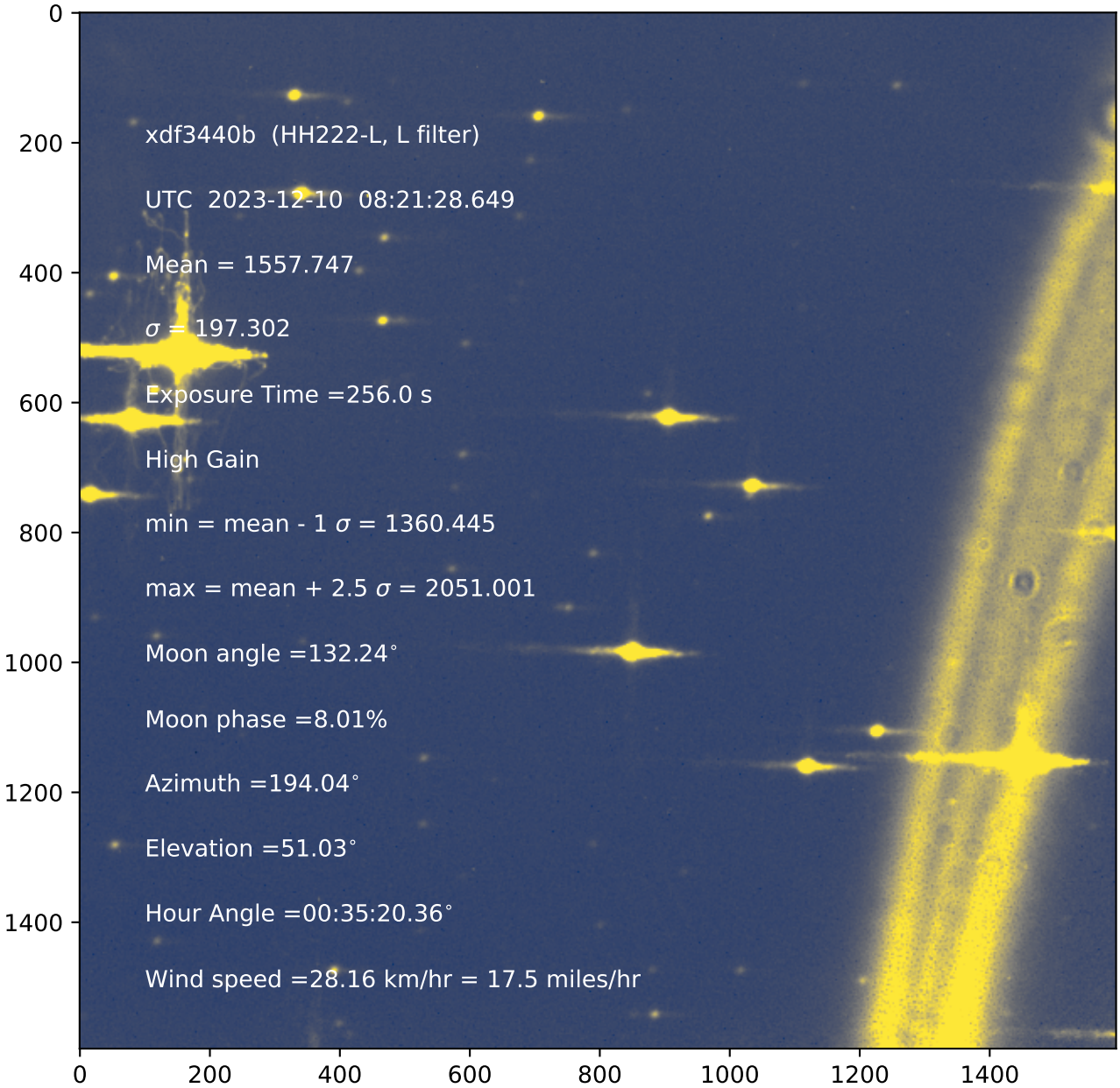

xdf34402 (HH222-L, L filter)
UTC 2023-12-10 07:51:12.009
Mean = 1534.426
σ = 146.141
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1388.286
max = mean + 2.5 σ = 1899.777
Moon angle =132.01°
Moon phase =8.12%
Azimuth =182.0°
Elevation =51.94°
Hour Angle =00:04:58.39°
Wind speed =9.82 km/hr = 6.1 miles/hr
0
200
400
600
800
1000
1200
1400

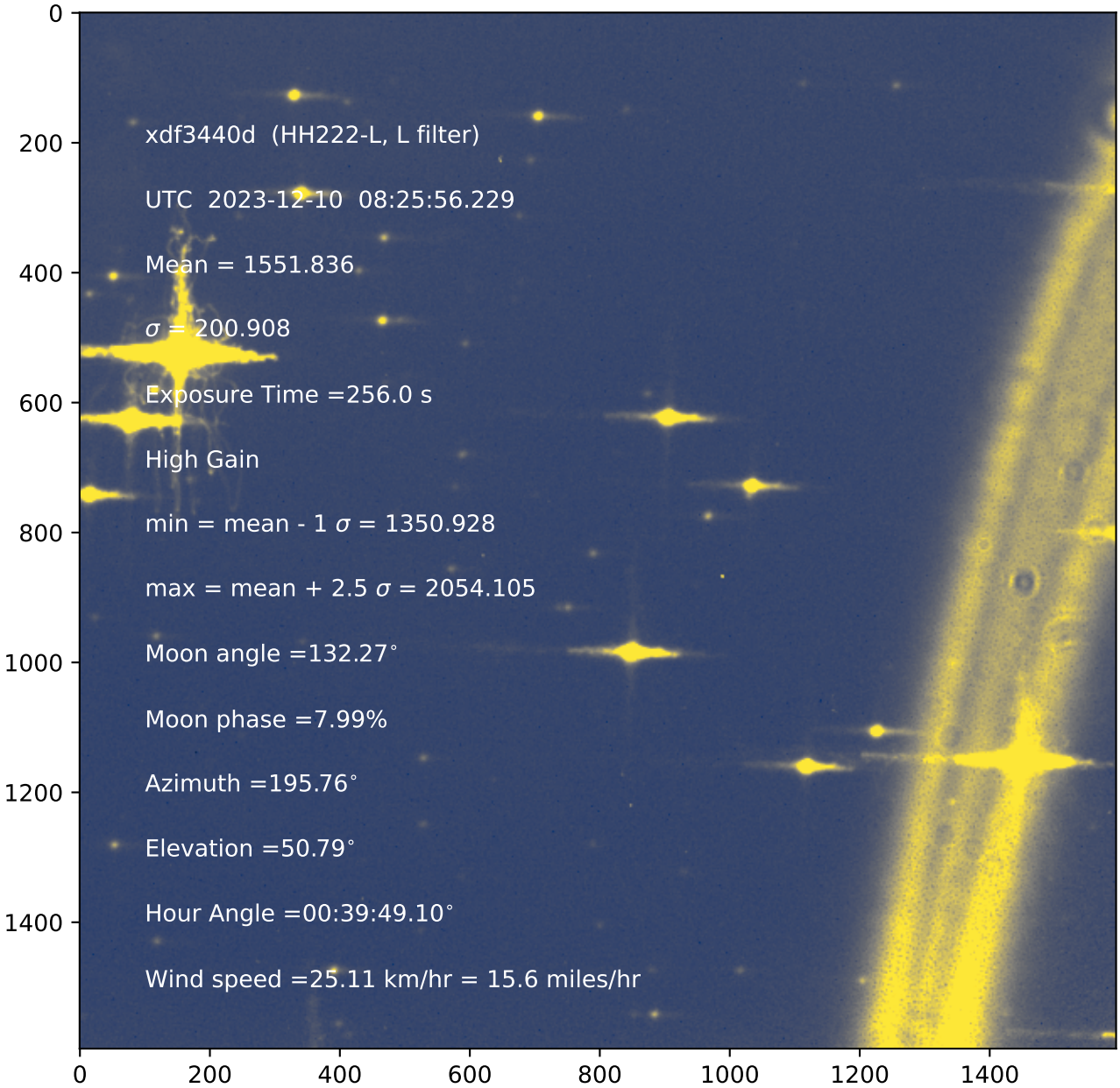

xdf34404 (HH222-L, L filter)
UTC 2023-12-10 07:55:40.100
Mean = 1529.969
σ = 159.025
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1370.944
max = mean + 2.5 σ = 1927.531
Moon angle =132.05°
Moon phase =8.11%
Azimuth =183.81°
Elevation =51.89°
Hour Angle =00:09:27.12°
Wind speed =19.15 km/hr = 11.9 miles/hr
0
200
400
600
800
1000
1200
1400

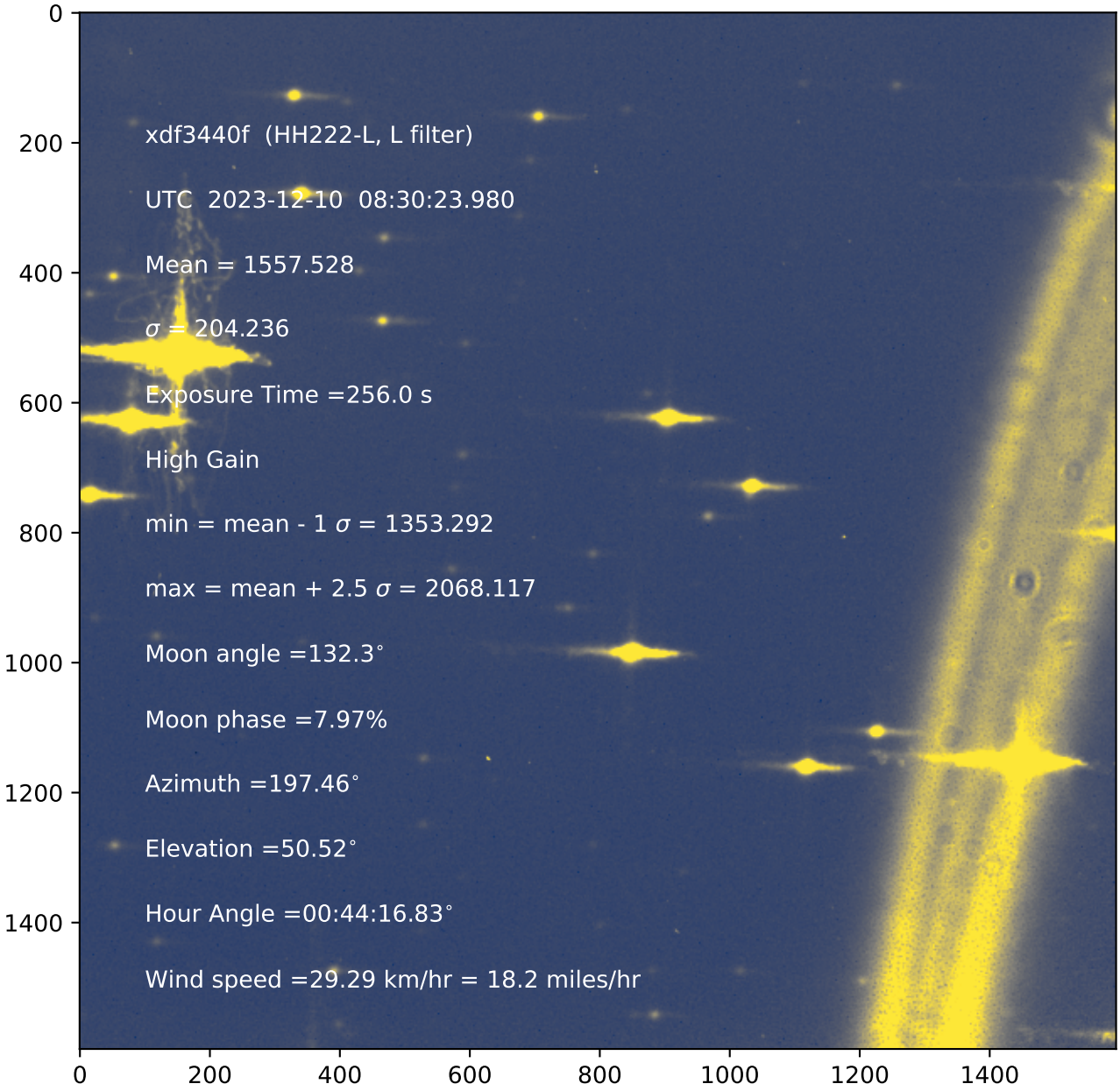

xdf34406 (HH222-L, L filter)
UTC 2023-12-10 08:00:08.279
Mean = 1528.297
σ = 161.427
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1366.87
max = mean + 2.5 σ = 1931.864
Moon angle =132.08°
Moon phase =8.09%
Azimuth =185.61°
Elevation =51.81°
Hour Angle =00:13:56.86°
Wind speed =19.47 km/hr = 12.1 miles/hr
0
200
400
600
800
1000
1200
1400

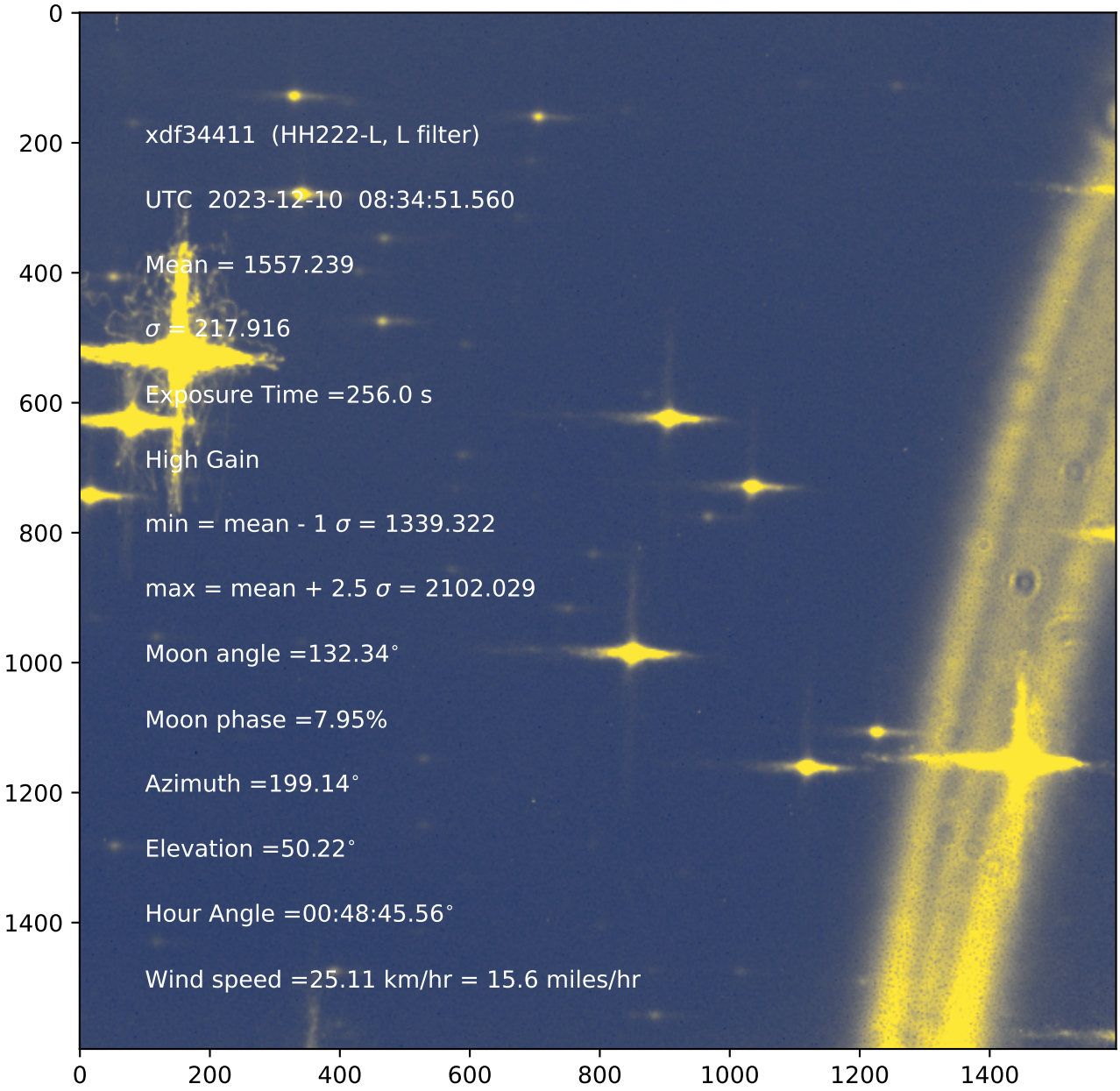

xdf34408 (HH222-L, L filter)
UTC 2023-12-10 08:04:36.590
Mean = 1535.483
σ = 173.627
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1361.856
max = mean + 2.5 σ = 1969.55
Moon angle =132.11°
Moon phase =8.07%
Azimuth =187.4°
Elevation =51.7°
Hour Angle =00:18:25.59°
Wind speed =19.15 km/hr = 11.9 miles/hr
0
200
400
600
800
1000
1200
1400

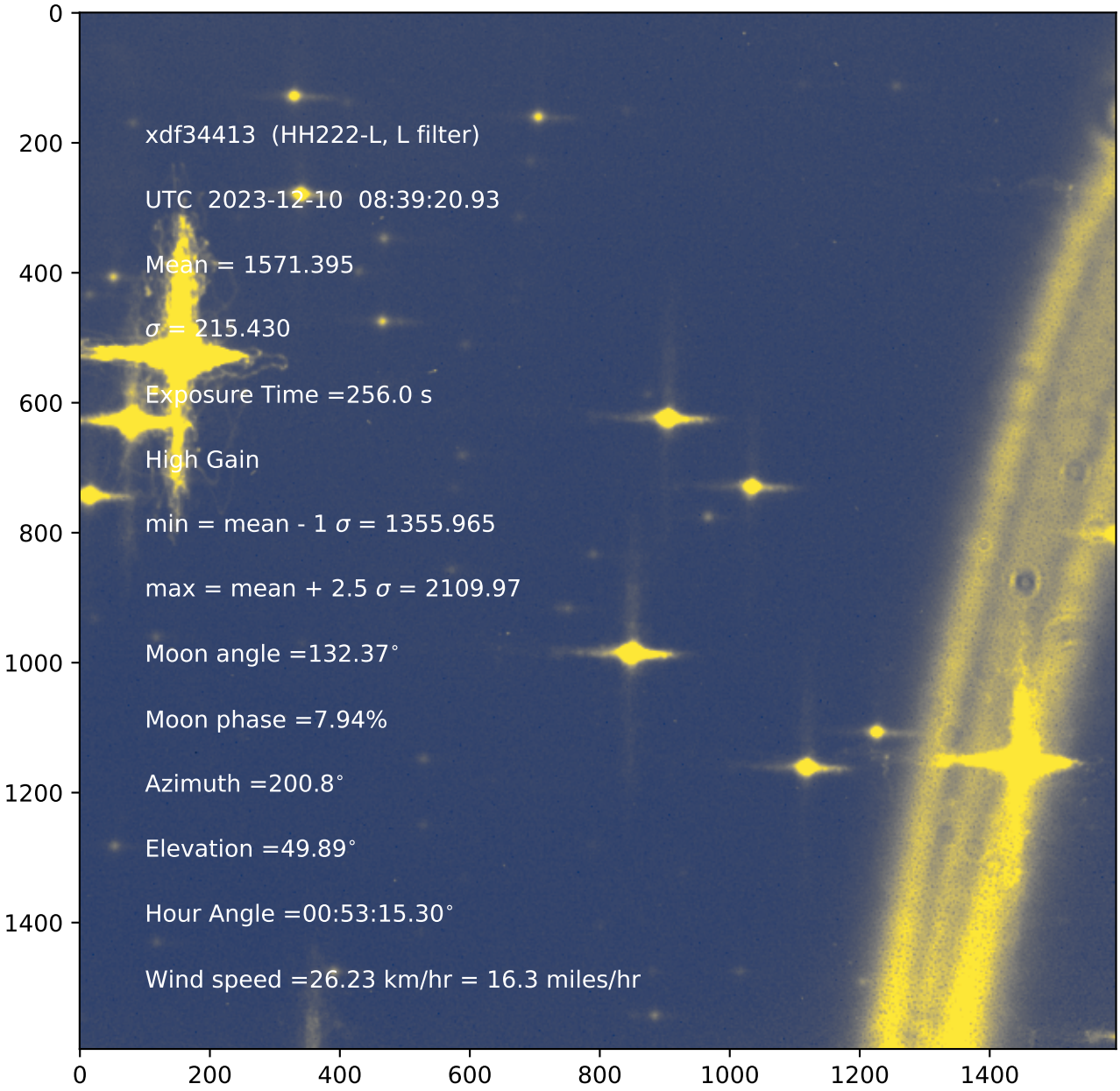

xdf34409 (HH222-L, L filter)
UTC 2023-12-10 08:14:54.359
Mean = 1544.752
σ = 197.316
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1347.435
max = mean + 2.5 σ = 2038.042
Moon angle =132.21°
Moon phase =8.02%
Azimuth =192.3°
Elevation =51.25°
Hour Angle =00:30:51.63°
Wind speed =25.59 km/hr = 15.9 miles/hr
0
200
400
600
800
1000
1200
1400

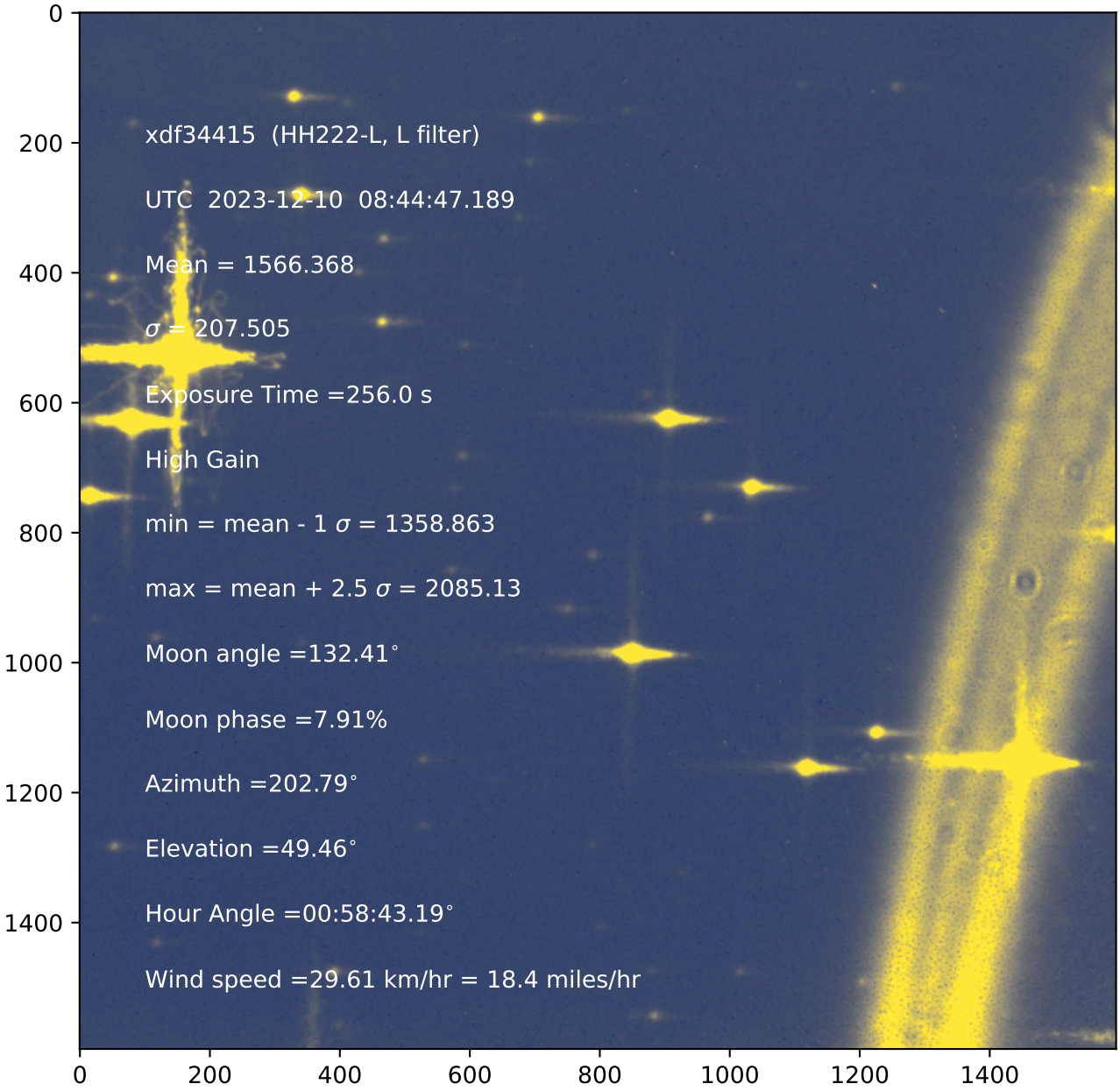

xdf3440b (HH222-L, L filter)
UTC 2023-12-10 08:21:28.649
Mean = 1557.747
σ = 197.302
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1360.445
max = mean + 2.5 σ = 2051.001
Moon angle =132.24°
Moon phase =8.01%
Azimuth =194.04°
Elevation =51.03°
Hour Angle =00:35:20.36°
Wind speed =28.16 km/hr = 17.5 miles/hr
0
200
400
600
800
1000
1200
1400

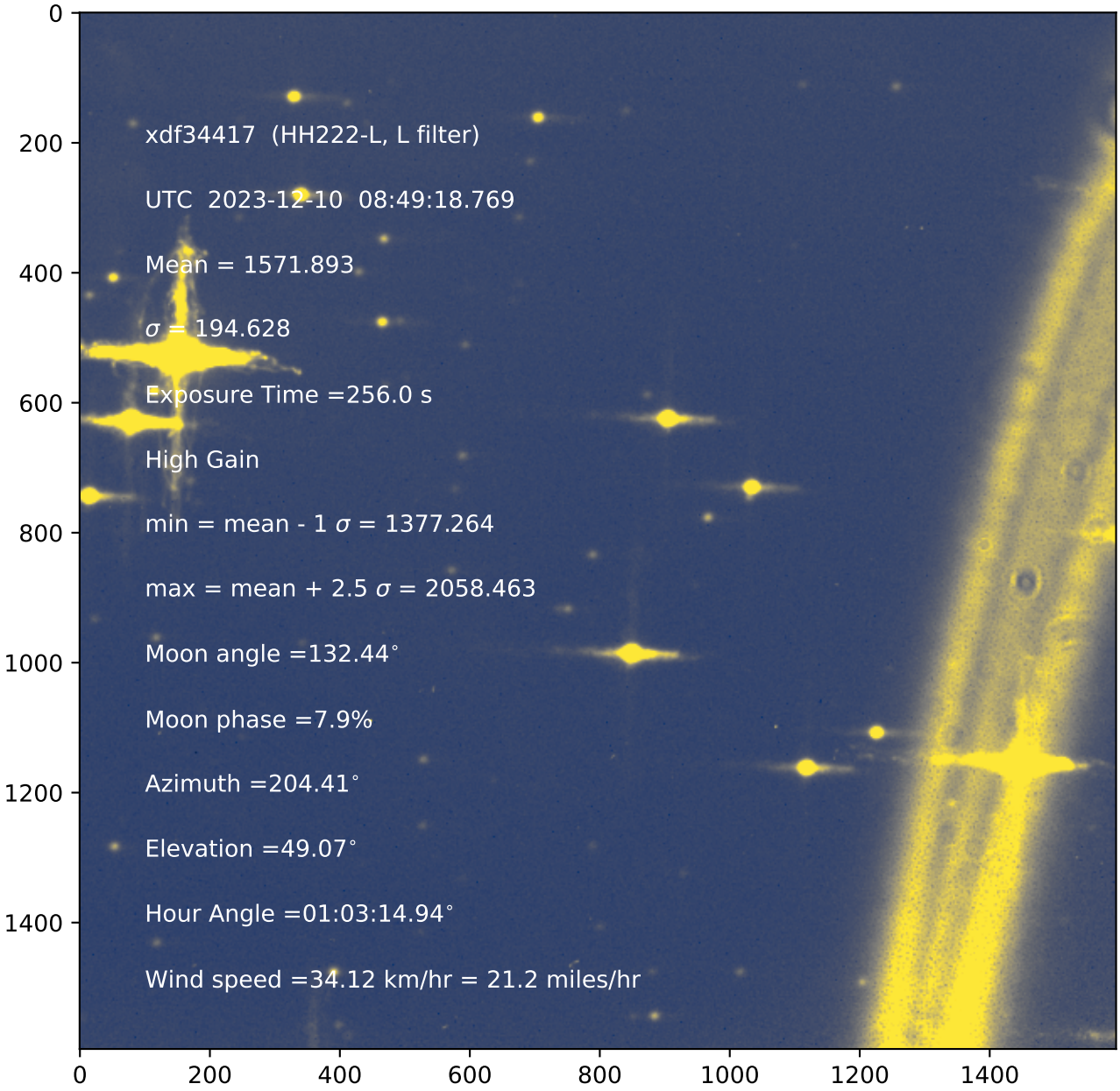

xdf3440d (HH222-L, L filter)
UTC 2023-12-10 08:25:56.229
Mean = 1551.836
σ = 200.908
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1350.928
max = mean + 2.5 σ = 2054.105
Moon angle =132.27°
Moon phase =7.99%
Azimuth =195.76°
Elevation =50.79°
Hour Angle =00:39:49.10°
Wind speed =25.11 km/hr = 15.6 miles/hr
0
200
400
600
800
1000
1200
1400

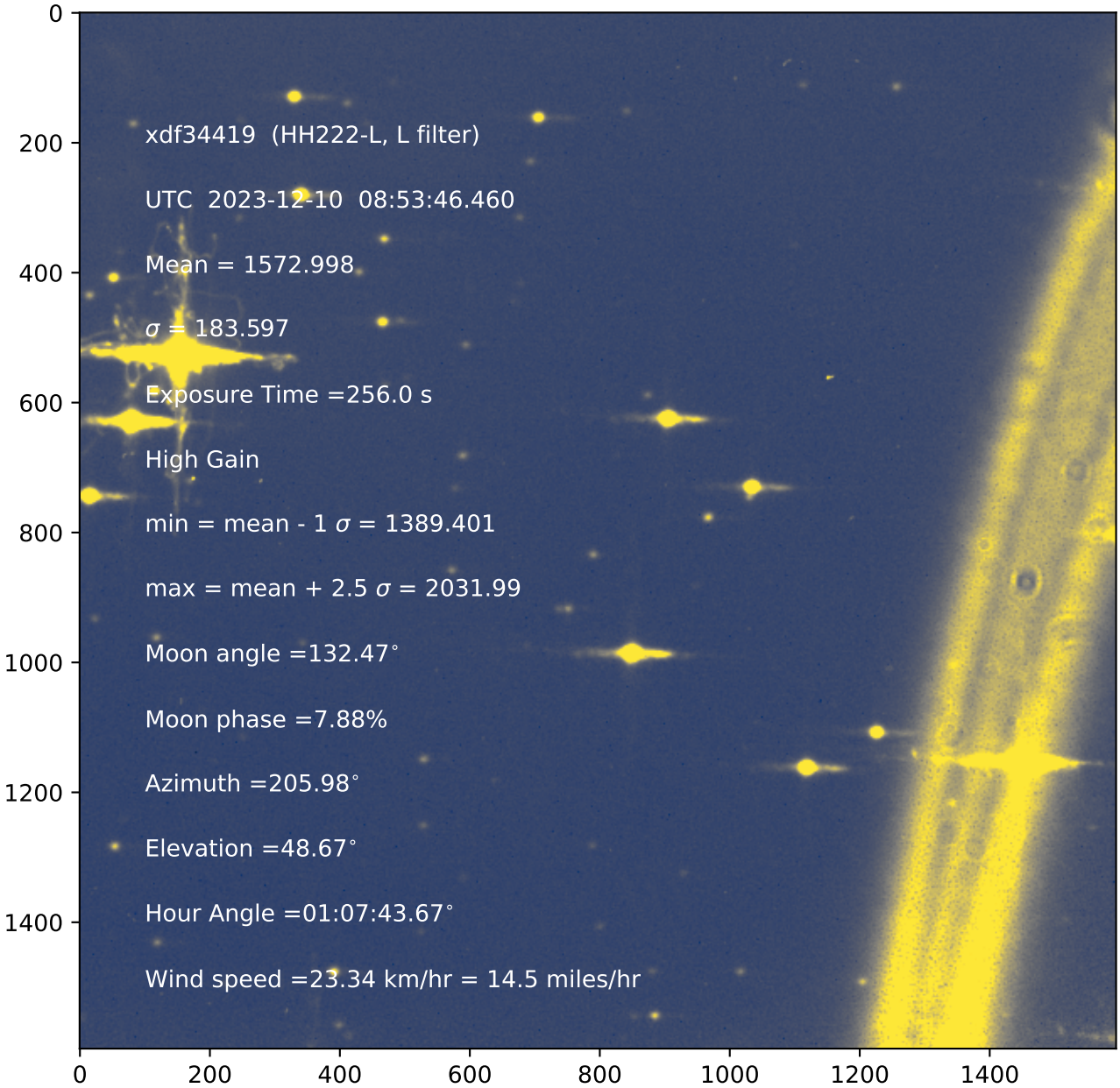

xdf3440f (HH222-L, L filter)
UTC 2023-12-10 08:30:23.980
Mean = 1557.528
σ = 204.236
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1353.292
max = mean + 2.5 σ = 2068.117
Moon angle =132.3°
Moon phase =7.97%
Azimuth =197.46°
Elevation =50.52°
Hour Angle =00:44:16.83°
Wind speed =29.29 km/hr = 18.2 miles/hr
0
200
400
600
800
1000
1200
1400


xdf34411 (HH222-L, L filter)
UTC 2023-12-10 08:34:51.560
Mean = 1557.239
σ = 217.916
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1339.322
max = mean + 2.5 σ = 2102.029
Moon angle =132.34°
Moon phase =7.95%
Azimuth =199.14°
Elevation =50.22°
Hour Angle =00:48:45.56°
Wind speed =25.11 km/hr = 15.6 miles/hr
0
200
400
600
800
1000
1200
1400


xdf34413 (HH222-L, L filter)
UTC 2023-12-10 08:39:20.93
Mean = 1571.395
σ = 215.430
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1355.965
max = mean + 2.5 σ = 2109.97
Moon angle =132.37°
Moon phase =7.94%
Azimuth =200.8°
Elevation =49.89°
Hour Angle =00:53:15.30°
Wind speed =26.23 km/hr = 16.3 miles/hr
0
200
400
600
800
1000
1200
1400


xdf34415 (HH222-L, L filter)
UTC 2023-12-10 08:44:47.189
Mean = 1566.368
σ = 207.505
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1358.863
max = mean + 2.5 σ = 2085.13
Moon angle =132.41°
Moon phase =7.91%
Azimuth =202.79°
Elevation =49.46°
Hour Angle =00:58:43.19°
Wind speed =29.61 km/hr = 18.4 miles/hr
0
200
400
600
800
1000
1200
1400


xdf34417 (HH222-L, L filter)
UTC 2023-12-10 08:49:18.769
Mean = 1571.893
σ = 194.628
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1377.264
max = mean + 2.5 σ = 2058.463
Moon angle =132.44°
Moon phase =7.9%
Azimuth =204.41°
Elevation =49.07°
Hour Angle =01:03:14.94°
Wind speed =34.12 km/hr = 21.2 miles/hr
0
200
400
600
800
1000
1200
1400


xdf34419 (HH222-L, L filter)
UTC 2023-12-10 08:53:46.460
Mean = 1572.998
σ = 183.597
Exposure Time =256.0 s
High Gain
min = mean - 1 σ = 1389.401
max = mean + 2.5 σ = 2031.99
Moon angle =132.47°
Moon phase =7.88%
Azimuth =205.98°
Elevation =48.67°
Hour Angle =01:07:43.67°
Wind speed =23.34 km/hr = 14.5 miles/hr
0
200
400
600
800
1000
1200
1400