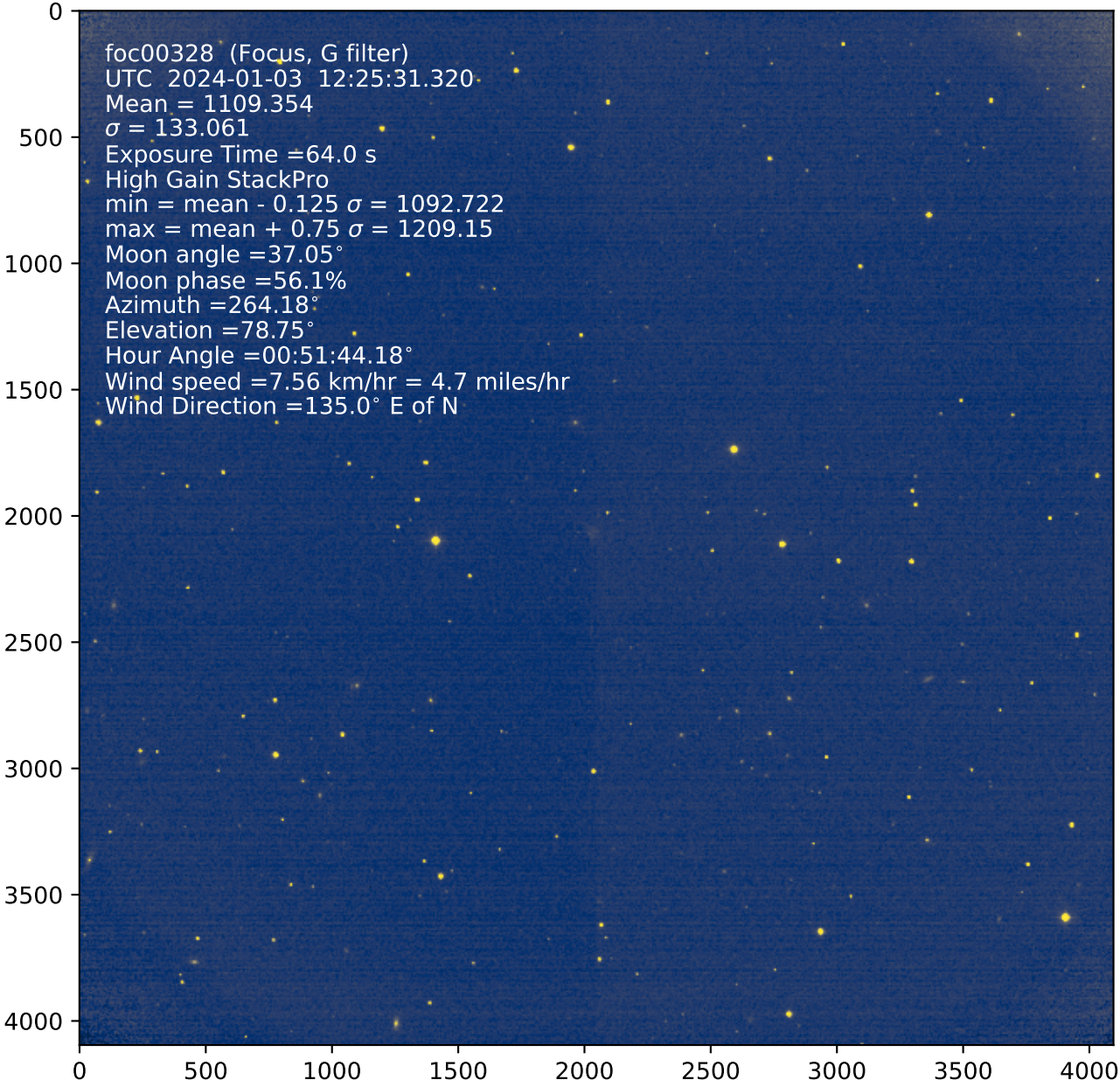
foc00328 (Focus, G filter)
UTC 2024-01-03 12:25:31.320
Mean = 1109.354
σ = 133.061
Exposure Time =64.0 s
High Gain StackPro
min = mean - 0.125 σ = 1092.722
max = mean + 0.75 σ = 1209.15
Moon angle =37.05°
Moon phase =56.1%
Azimuth =264.18°
Elevation =78.75°
Hour Angle =00:51:44.18°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
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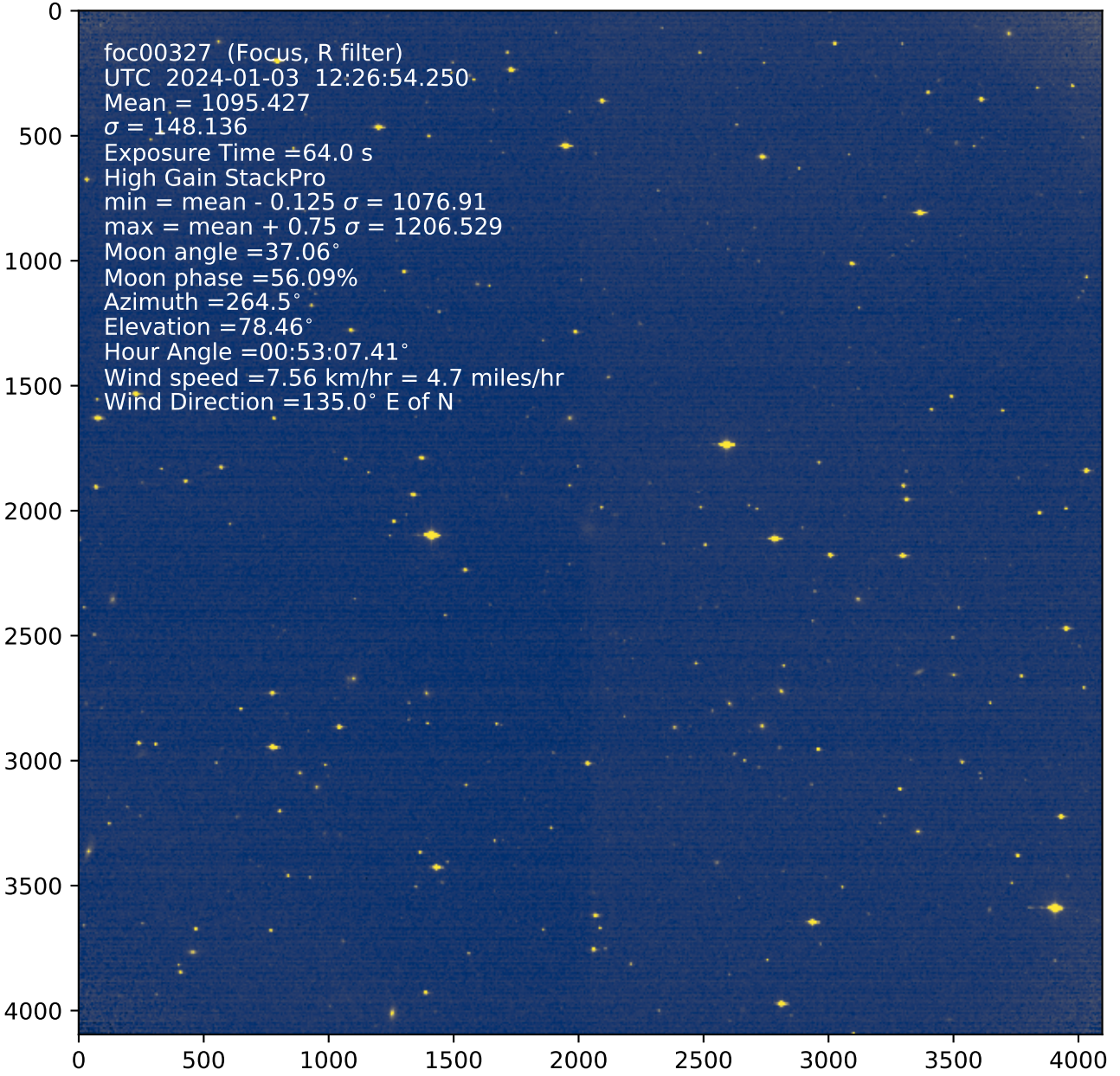
foc00327 (Focus, R filter)
UTC 2024-01-03 12:26:54.250
Mean = 1095.427
σ = 148.136
Exposure Time =64.0 s
High Gain StackPro
min = mean - 0.125 σ = 1076.91
max = mean + 0.75 σ = 1206.529
Moon angle =37.06°
Moon phase =56.09%
Azimuth =264.5°
Elevation =78.46°
Hour Angle =00:53:07.41°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
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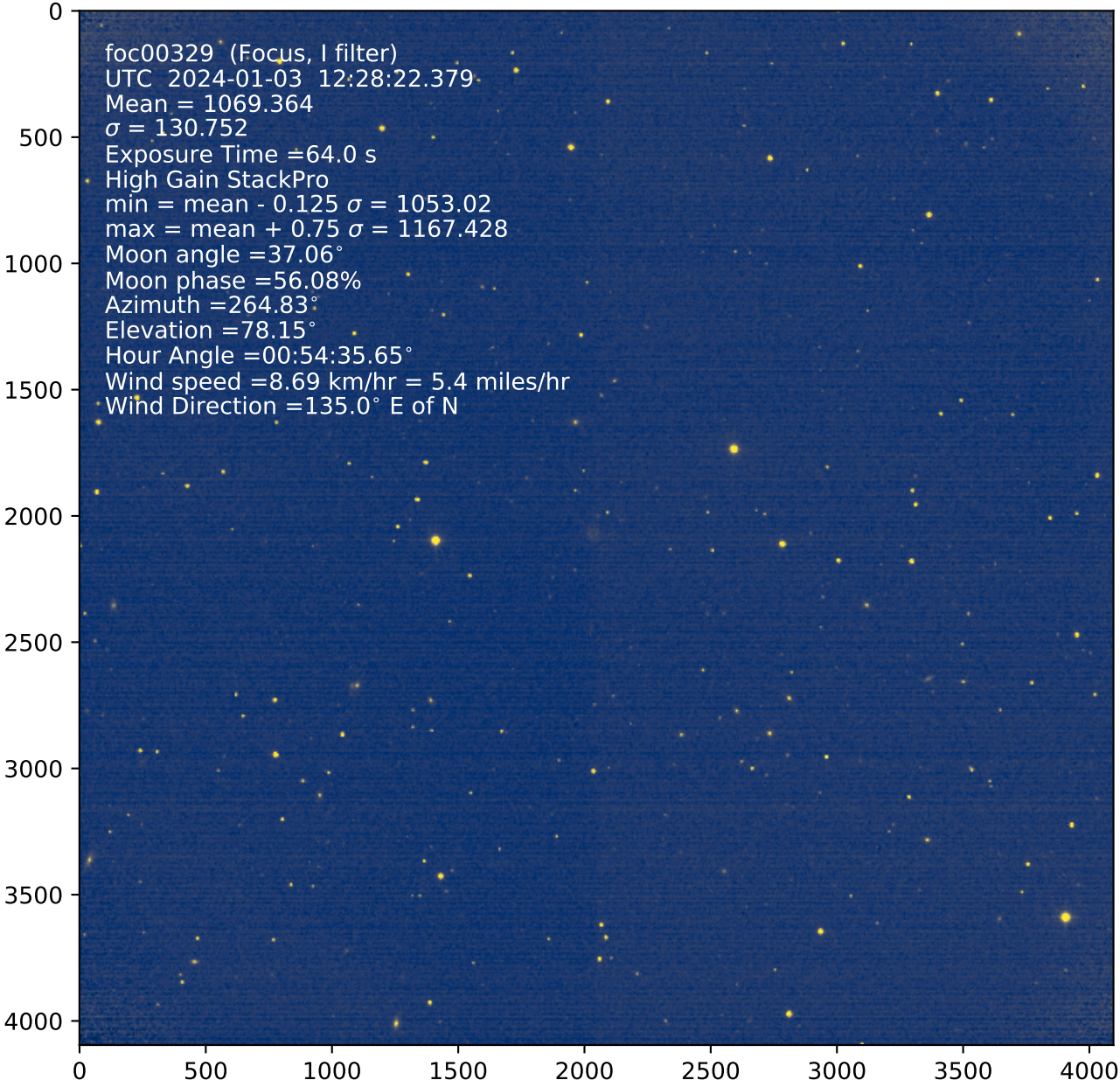
foc00329 (Focus, I filter)
UTC 2024-01-03 12:28:22.379
Mean = 1069.364
σ = 130.752
Exposure Time =64.0 s
High Gain StackPro
min = mean - 0.125 σ = 1053.02
max = mean + 0.75 σ = 1167.428
Moon angle =37.06°
Moon phase =56.08%
Azimuth =264.83°
Elevation =78.15°
Hour Angle =00:54:35.65°
Wind speed =8.69 km/hr = 5.4 miles/hr
Wind Direction =135.0° E of N
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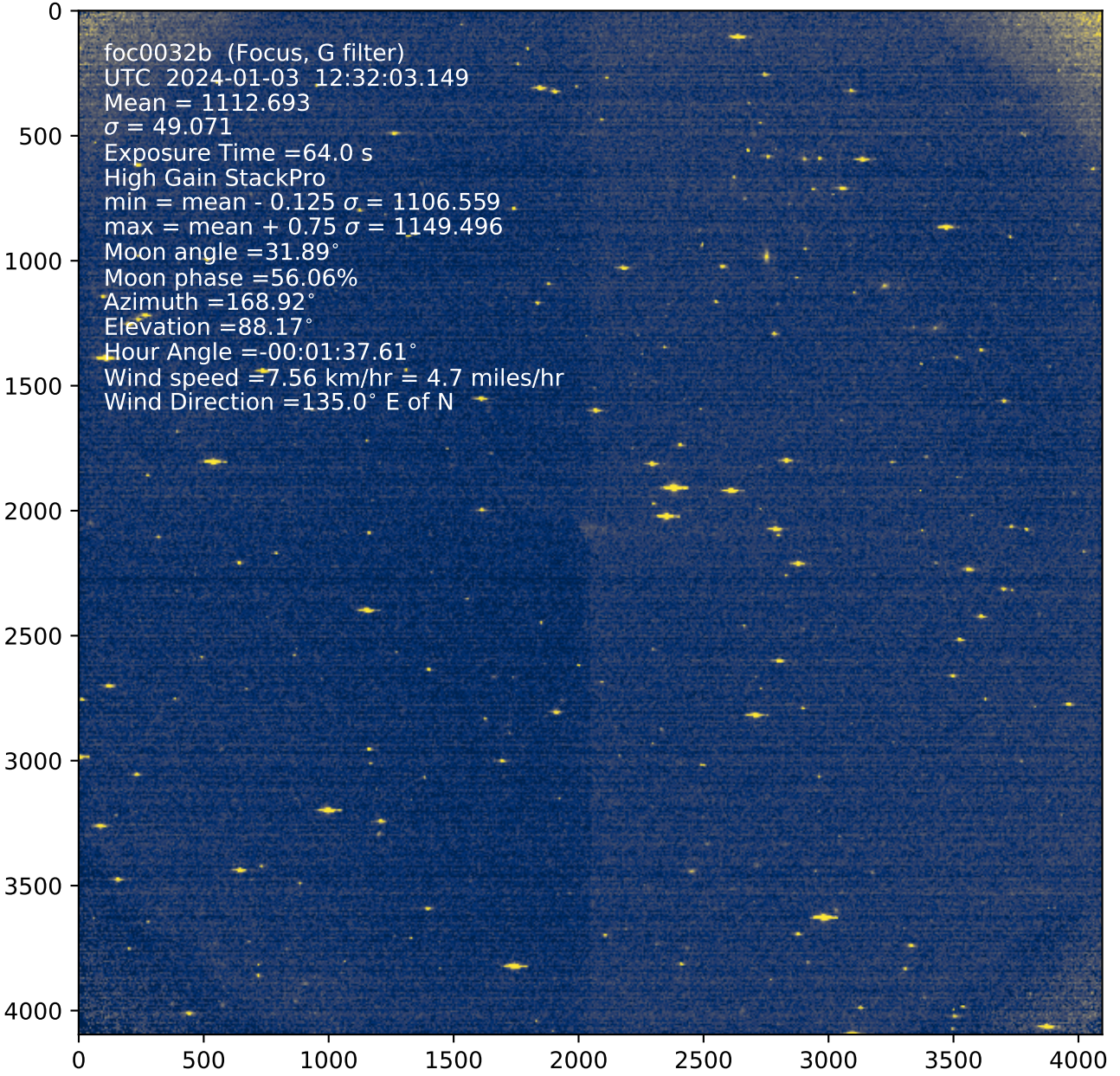
foc0032b (Focus, G filter)
UTC 2024-01-03 12:32:03.149
Mean = 1112.693
σ = 49.071
Exposure Time =64.0 s
High Gain StackPro
min = mean - 0.125 σ = 1106.559
max = mean + 0.75 σ = 1149.496
Moon angle =31.89°
Moon phase =56.06%
Azimuth =168.92°
Elevation =88.17°
Hour Angle =-00:01:37.61°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
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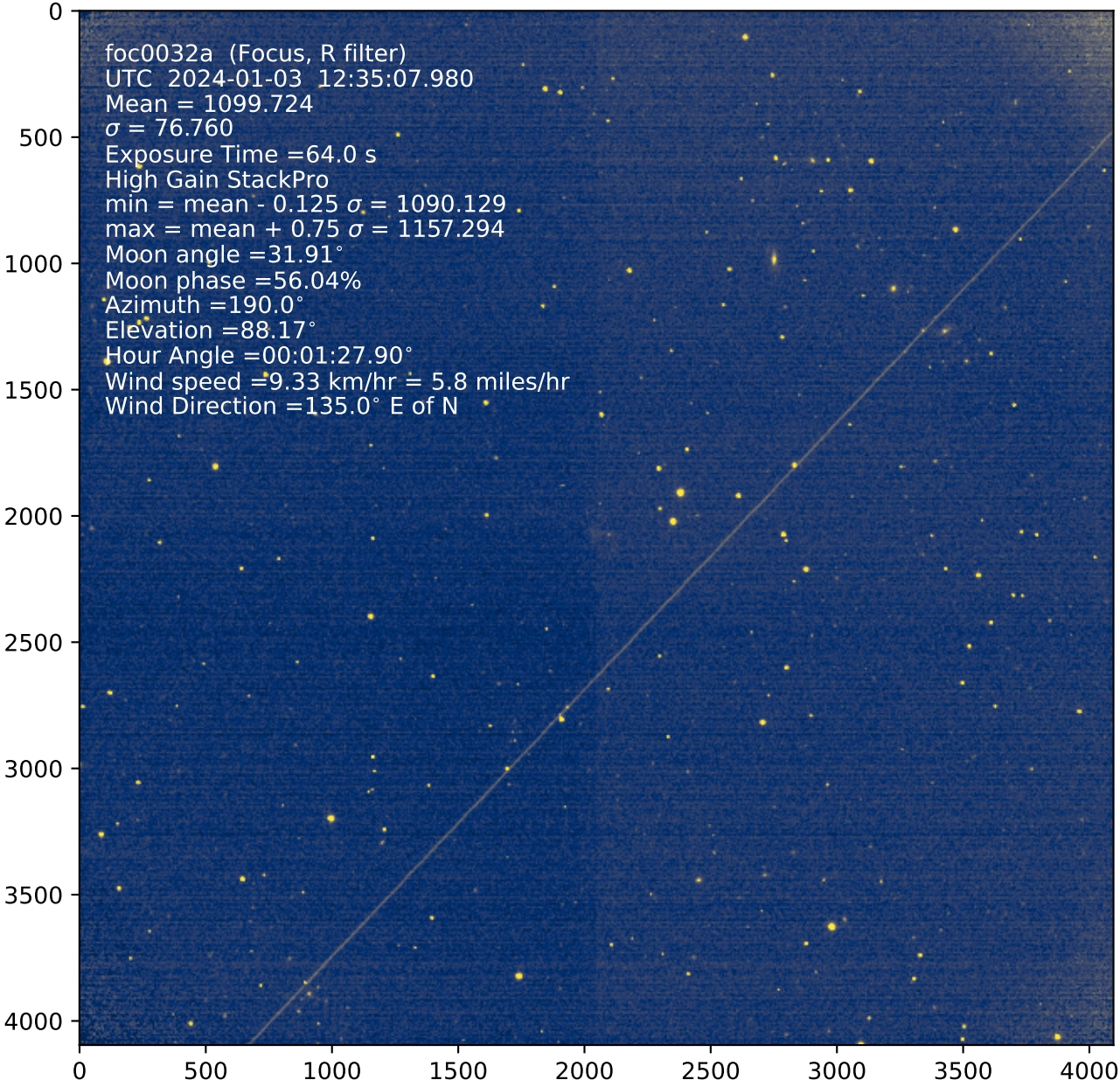
foc0032a (Focus, R filter)
UTC 2024-01-03 12:35:07.980
Mean = 1099.724
σ = 76.760
Exposure Time =64.0 s
High Gain StackPro
min = mean - 0.125 σ = 1090.129
max = mean + 0.75 σ = 1157.294
Moon angle =31.91°
Moon phase =56.04%
Azimuth =190.0°
Elevation =88.17°
Hour Angle =00:01:27.90°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
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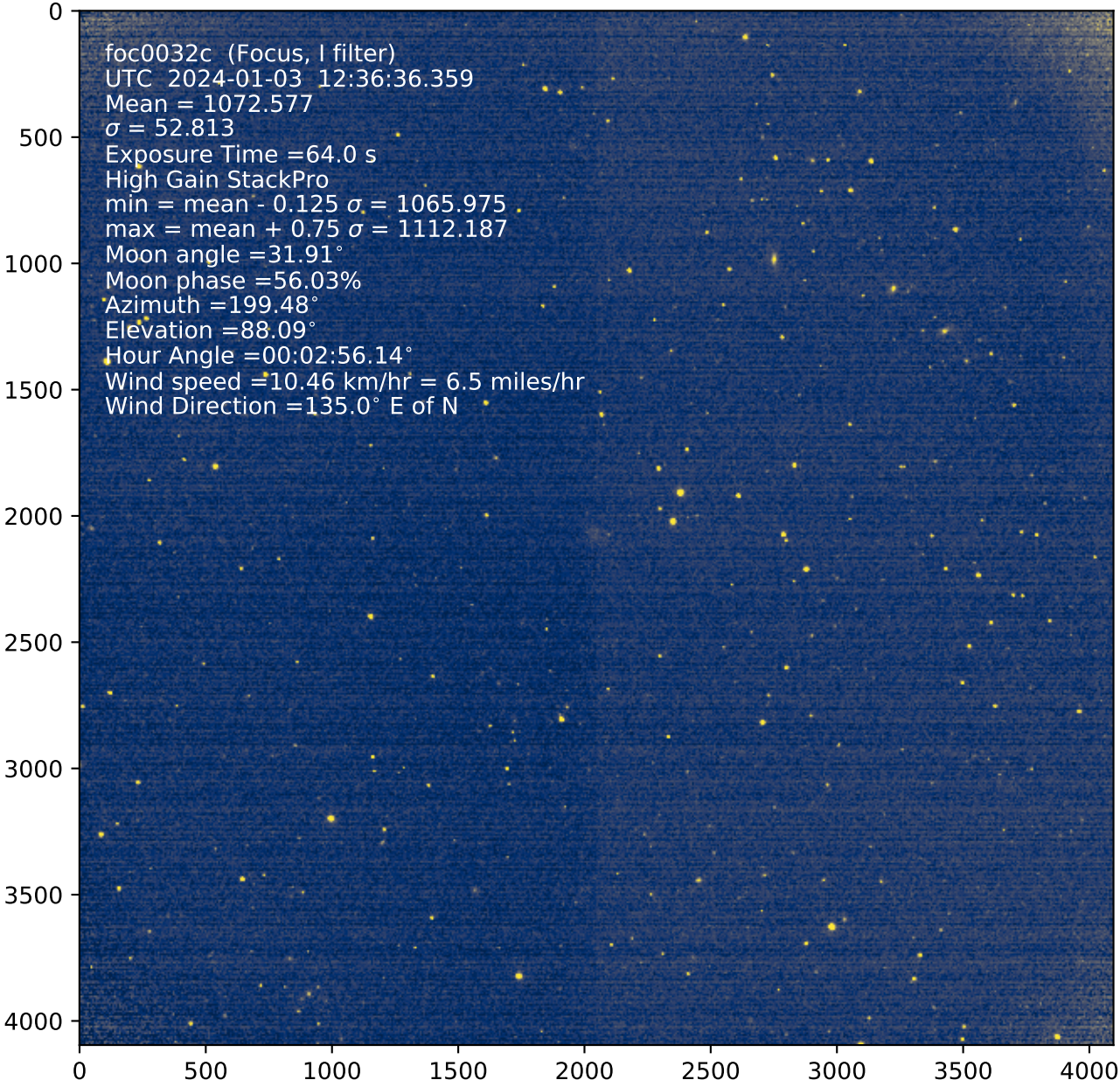
foc0032c (Focus, I filter)
UTC 2024-01-03 12:36:36.359
Mean = 1072.577
σ = 52.813
Exposure Time =64.0 s
High Gain StackPro
min = mean - 0.125 σ = 1065.975
max = mean + 0.75 σ = 1112.187
Moon angle =31.91°
Moon phase =56.03%
Azimuth =199.48°
Elevation =88.09°
Hour Angle =00:02:56.14°
Wind speed =10.46 km/hr = 6.5 miles/hr
Wind Direction =135.0° E of N
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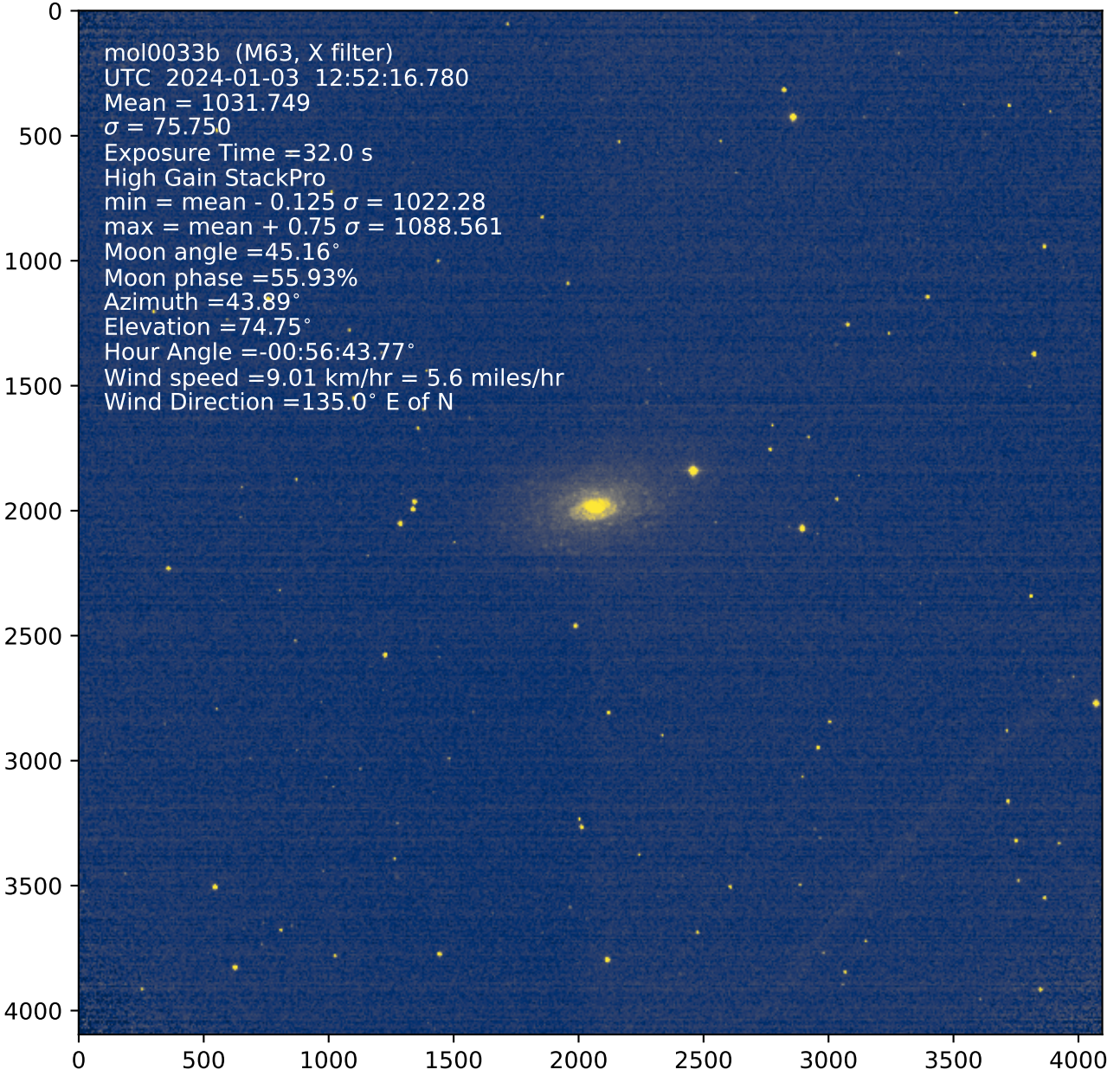
mol0033b (M63, X filter)
UTC 2024-01-03 12:52:16.780
Mean = 1031.749
σ = 75.750
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.28
max = mean + 0.75 σ = 1088.561
Moon angle =45.16˚
Moon phase =55.93%
Azimuth =43.89˚
Elevation =74.75˚
Hour Angle =-00:56:43.77˚
Wind speed =9.01 km/hr = 5.6 miles/hr
Wind Direction =135.0˚ E of N
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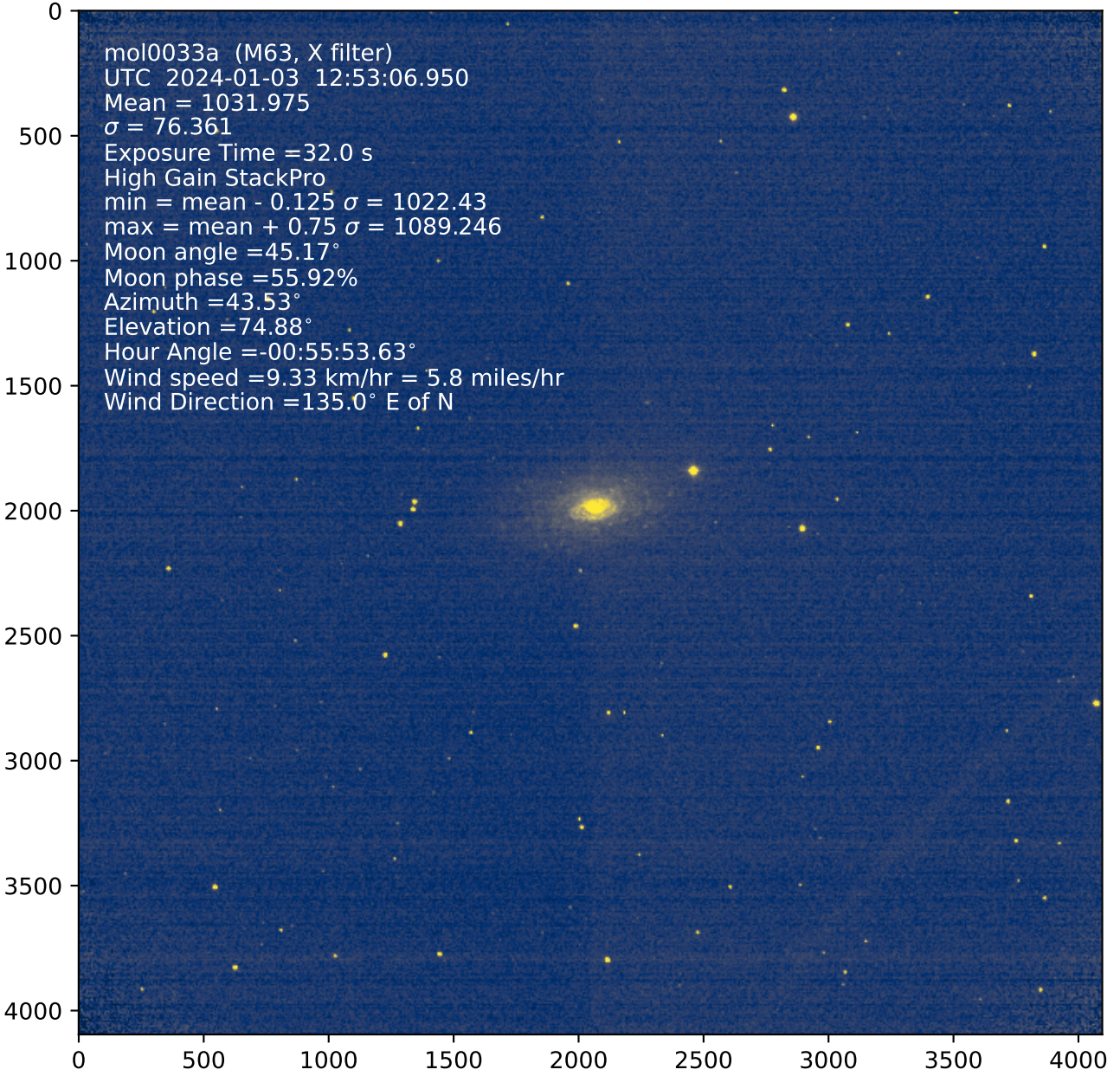
mol0033a (M63, X filter)
UTC 2024-01-03 12:53:06.950
Mean = 1031.975
σ = 76.361
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.43
max = mean + 0.75 σ = 1089.246
Moon angle =45.17°
Moon phase =55.92%
Azimuth =43.53°
Elevation =74.88°
Hour Angle =-00:55:53.63°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
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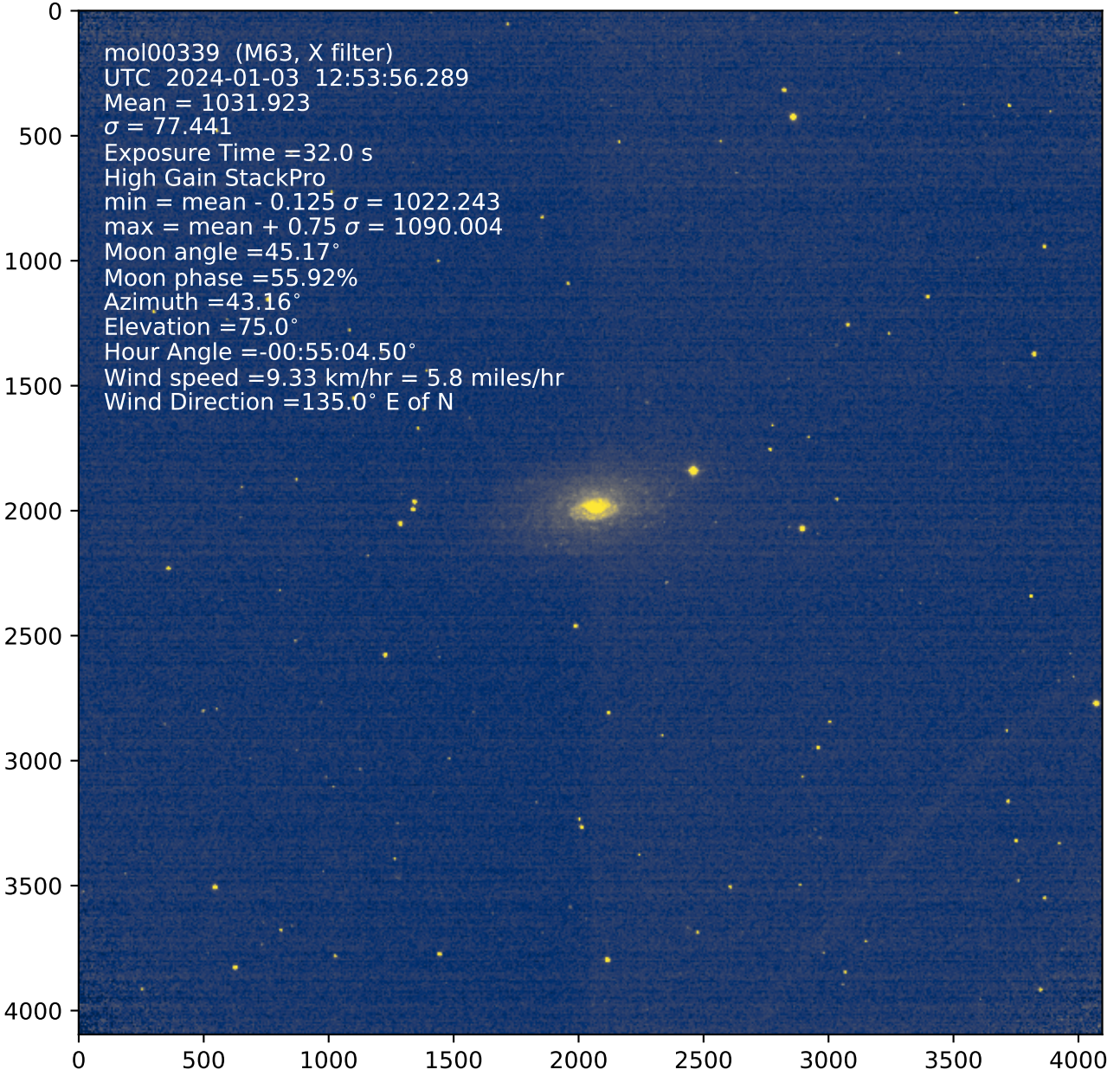
mol00339 (M63, X filter)
UTC 2024-01-03 12:53:56.289
Mean = 1031.923
σ = 77.441
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.243
max = mean + 0.75 σ = 1090.004
Moon angle =45.17°
Moon phase =55.92%
Azimuth =43.16°
Elevation =75.0°
Hour Angle =-00:55:04.50°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
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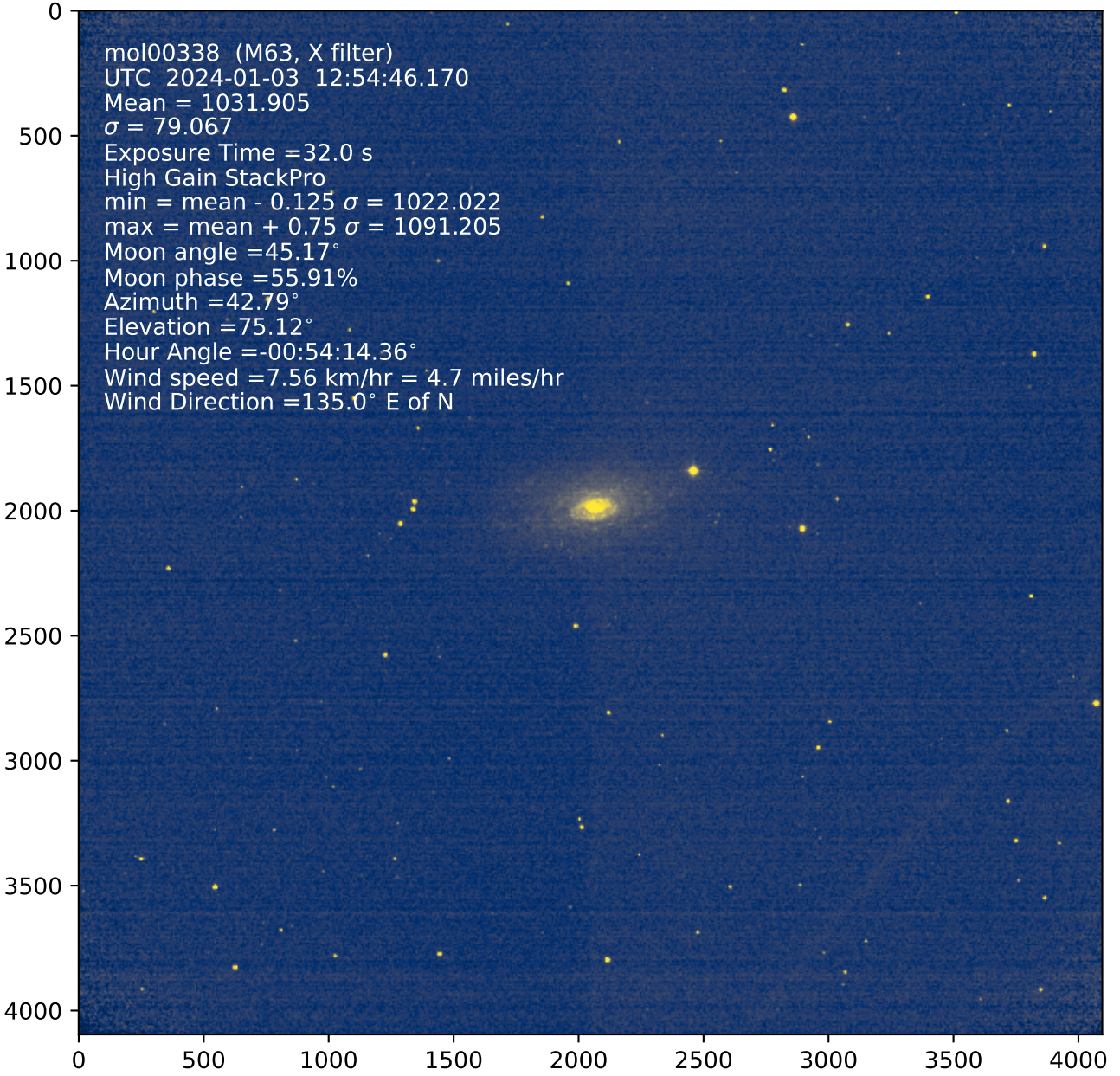
mol00338 (M63, X filter)
UTC 2024-01-03 12:54:46.170
Mean = 1031.905
σ = 79.067
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.022
max = mean + 0.75 σ = 1091.205
Moon angle =45.17°
Moon phase =55.91%
Azimuth =42.79°
Elevation =75.12°
Hour Angle =-00:54:14.36°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
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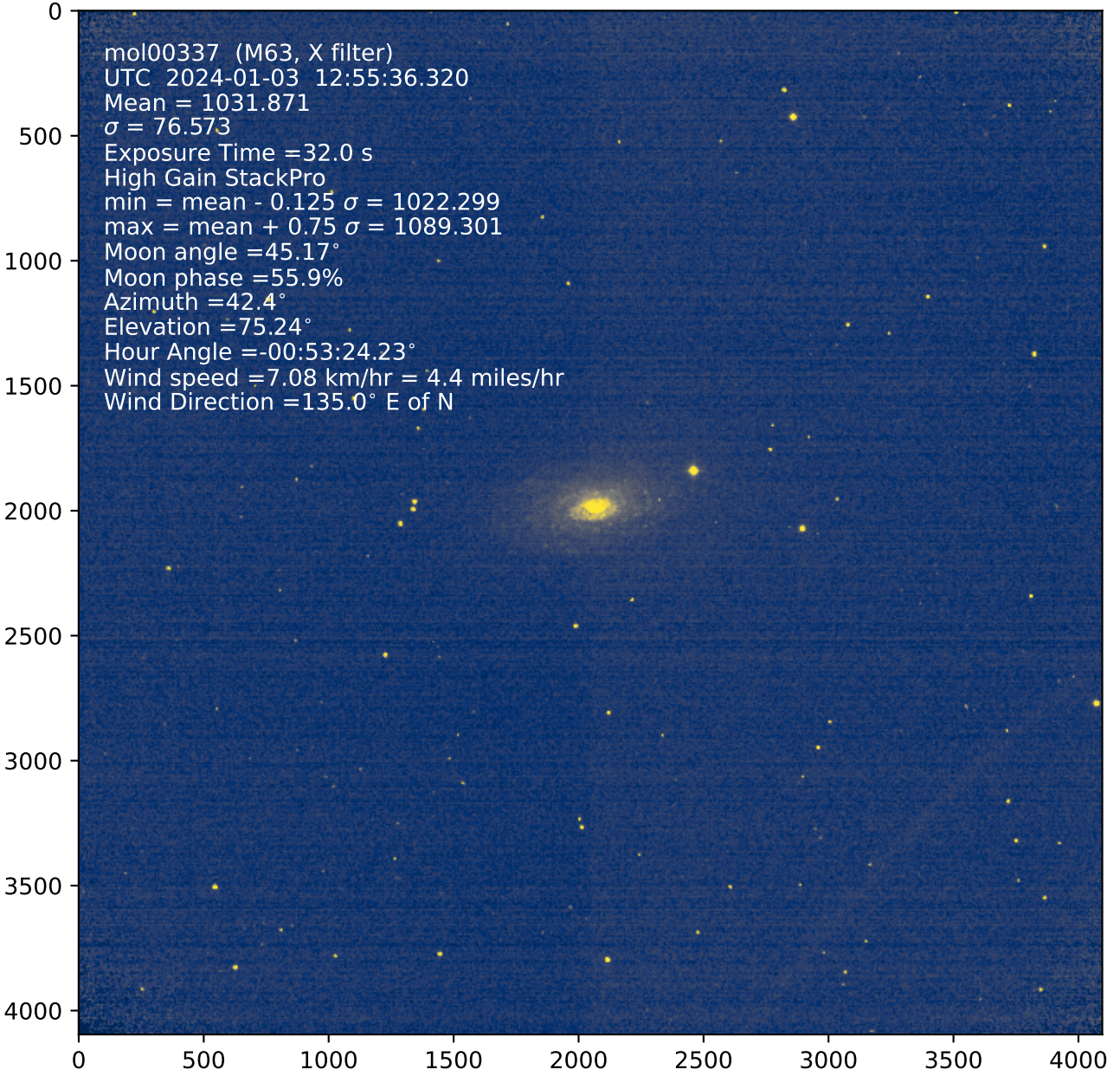
mol00337 (M63, X filter)
UTC 2024-01-03 12:55:36.320
Mean = 1031.871
σ = 76.573
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.299
max = mean + 0.75 σ = 1089.301
Moon angle =45.17°
Moon phase =55.9%
Azimuth =42.4°
Elevation =75.24°
Hour Angle =-00:53:24.23°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
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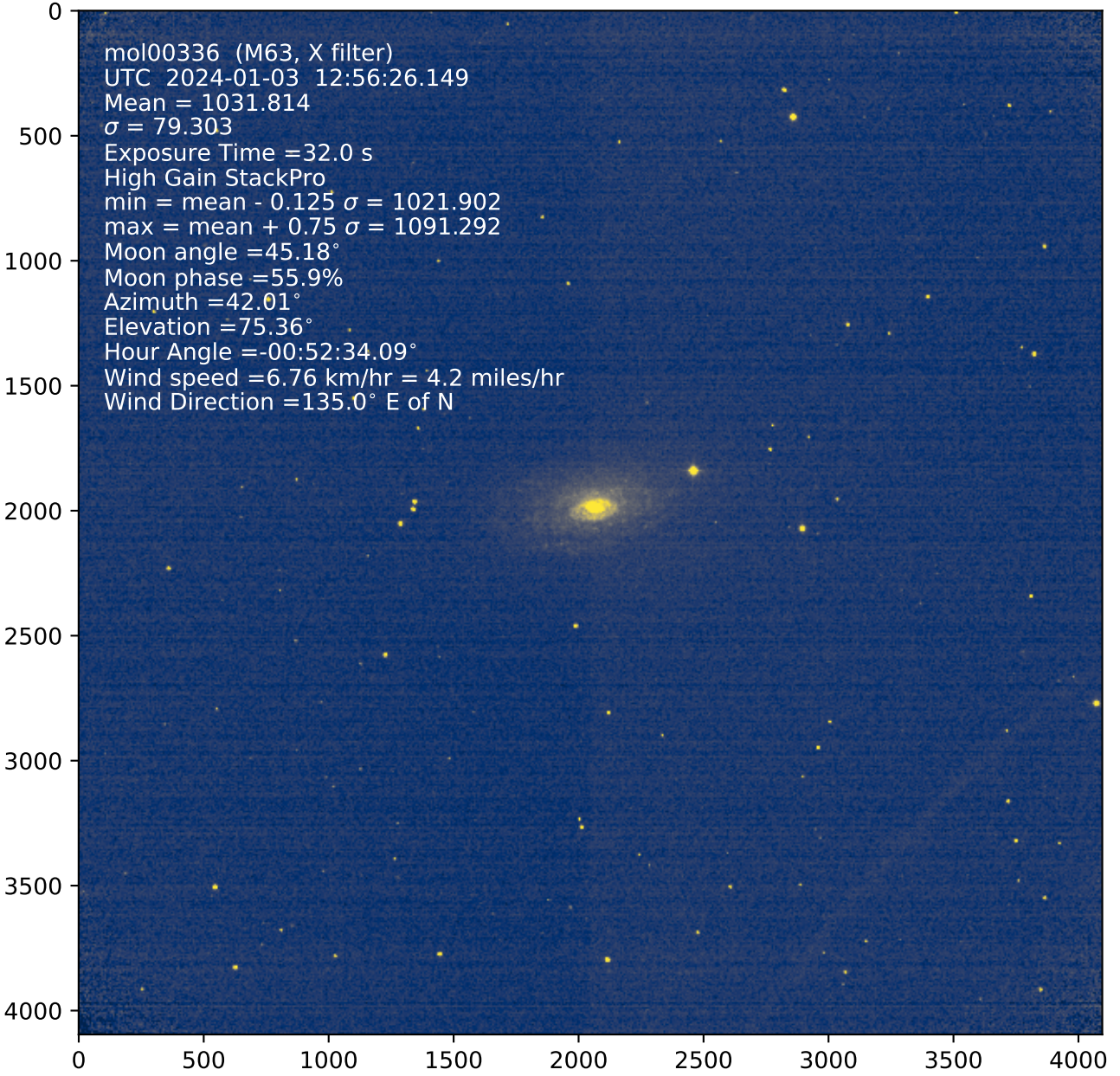
mol00336 (M63, X filter)
UTC 2024-01-03 12:56:26.149
Mean = 1031.814
σ = 79.303
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1021.902
max = mean + 0.75 σ = 1091.292
Moon angle =45.18˚
Moon phase =55.9%
Azimuth =42.01˚
Elevation =75.36˚
Hour Angle =-00:52:34.09˚
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0˚ E of N
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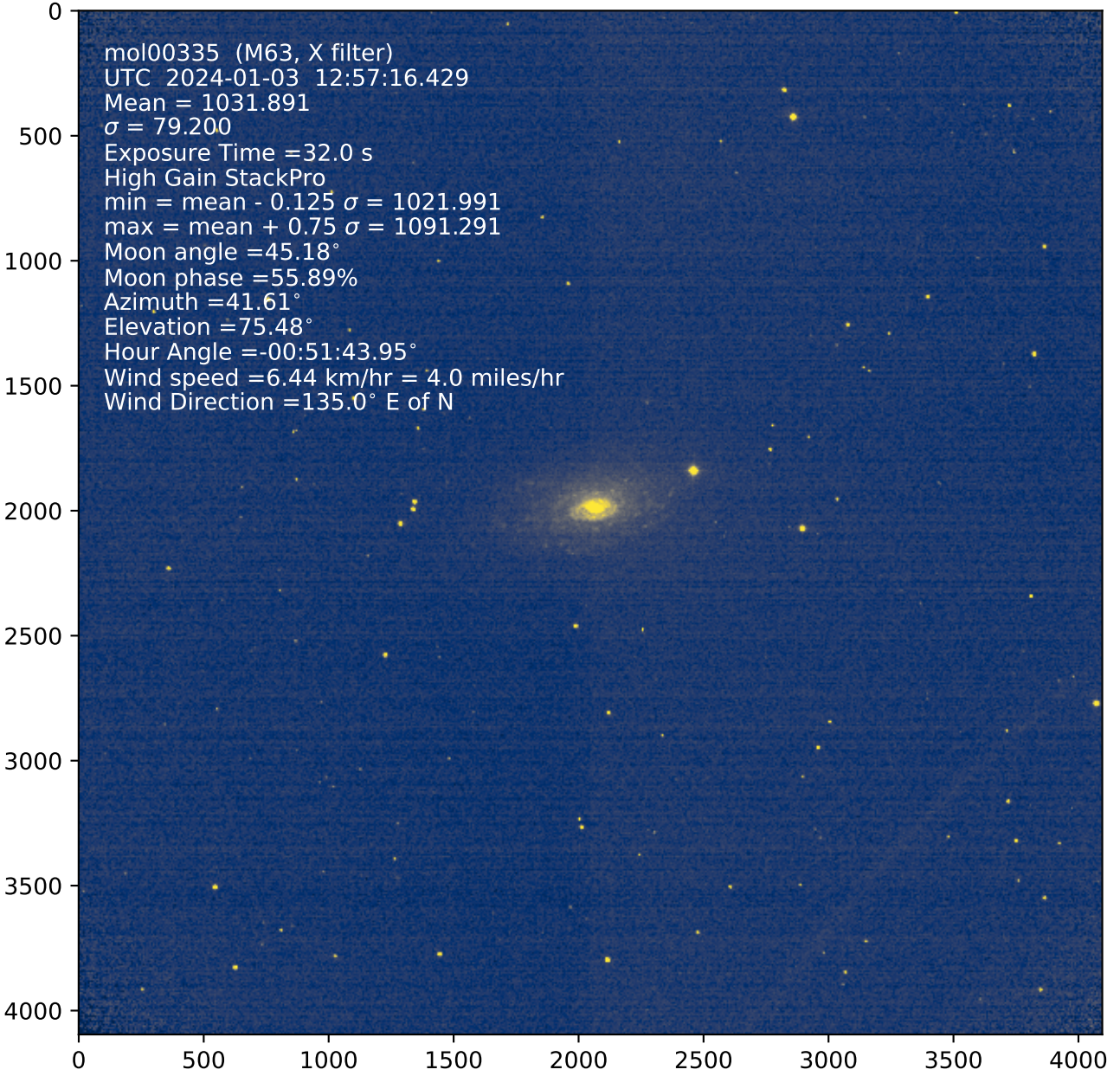
mol00335 (M63, X filter)
UTC 2024-01-03 12:57:16.429
Mean = 1031.891
σ = 79.200
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1021.991
max = mean + 0.75 σ = 1091.291
Moon angle =45.18°
Moon phase =55.89%
Azimuth =41.61°
Elevation =75.48°
Hour Angle =-00:51:43.95°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
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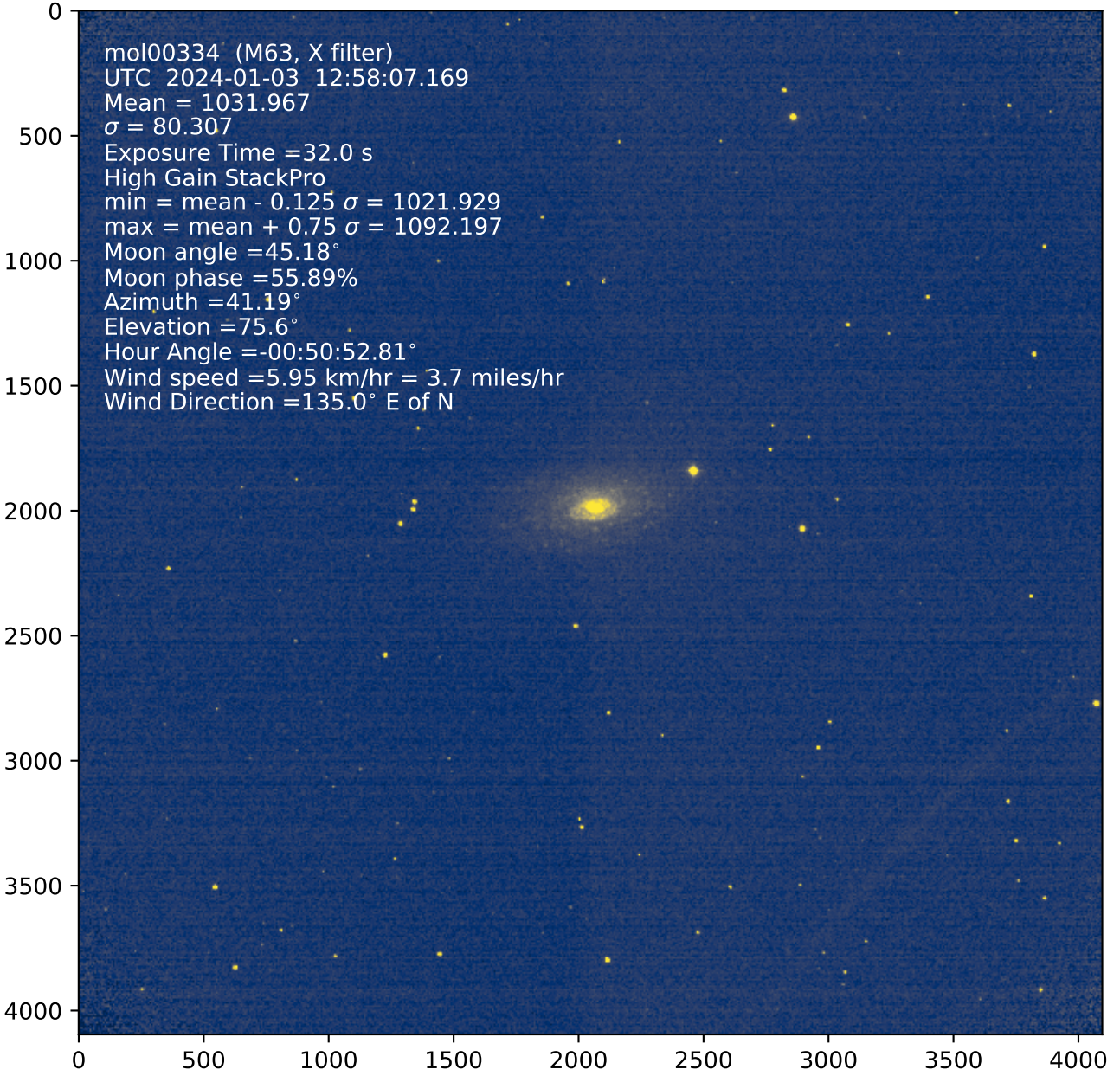
mol00334 (M63, X filter)
UTC 2024-01-03 12:58:07.169
Mean = 1031.967
σ = 80.307
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1021.929
max = mean + 0.75 σ = 1092.197
Moon angle =45.18°
Moon phase =55.89%
Azimuth =41.19°
Elevation =75.6°
Hour Angle =-00:50:52.81°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
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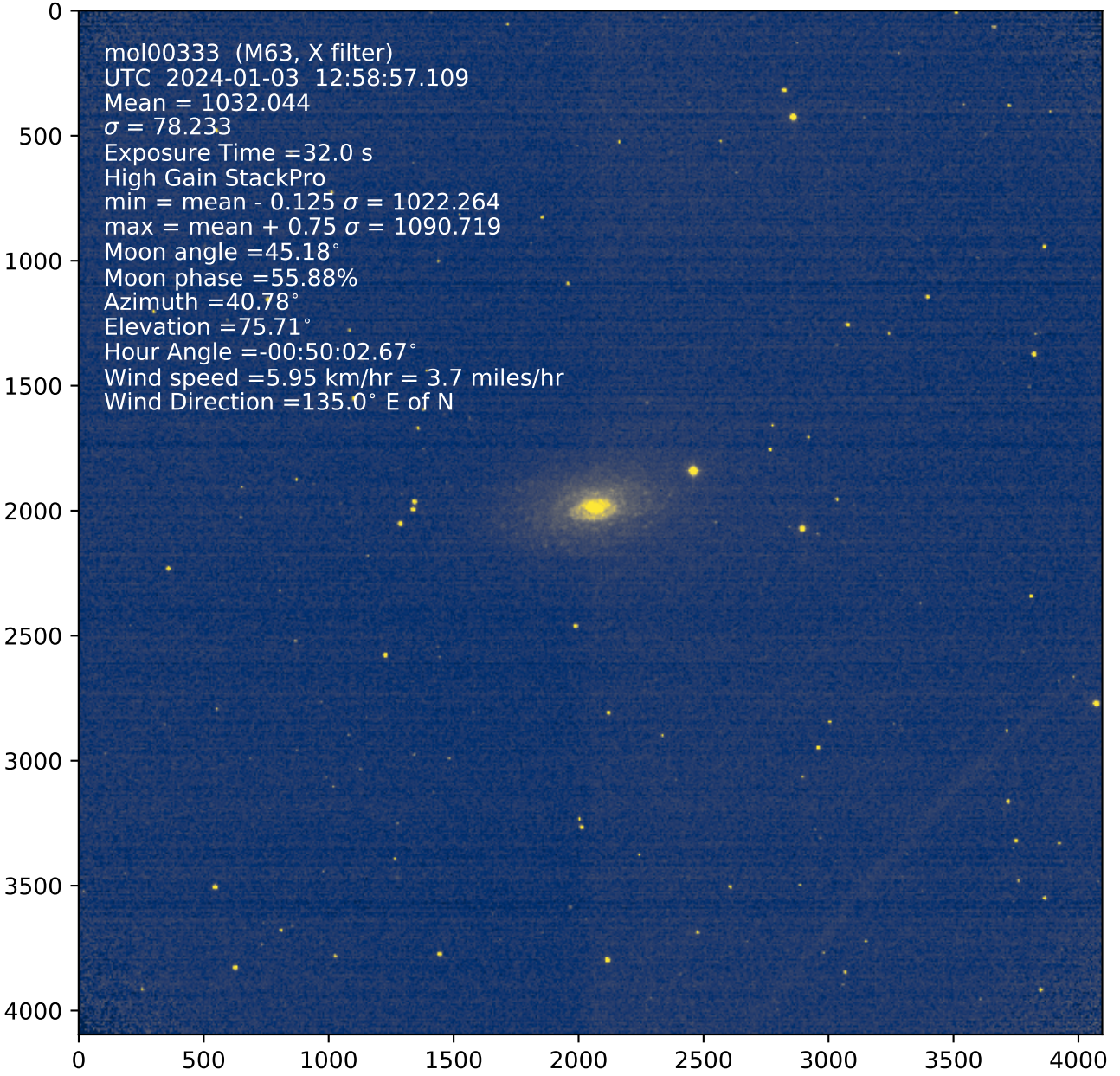
mol00333 (M63, X filter)
UTC 2024-01-03 12:58:57.109
Mean = 1032.044
σ = 78.233
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.264
max = mean + 0.75 σ = 1090.719
Moon angle =45.18°
Moon phase =55.88%
Azimuth =40.78°
Elevation =75.71°
Hour Angle =-00:50:02.67°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
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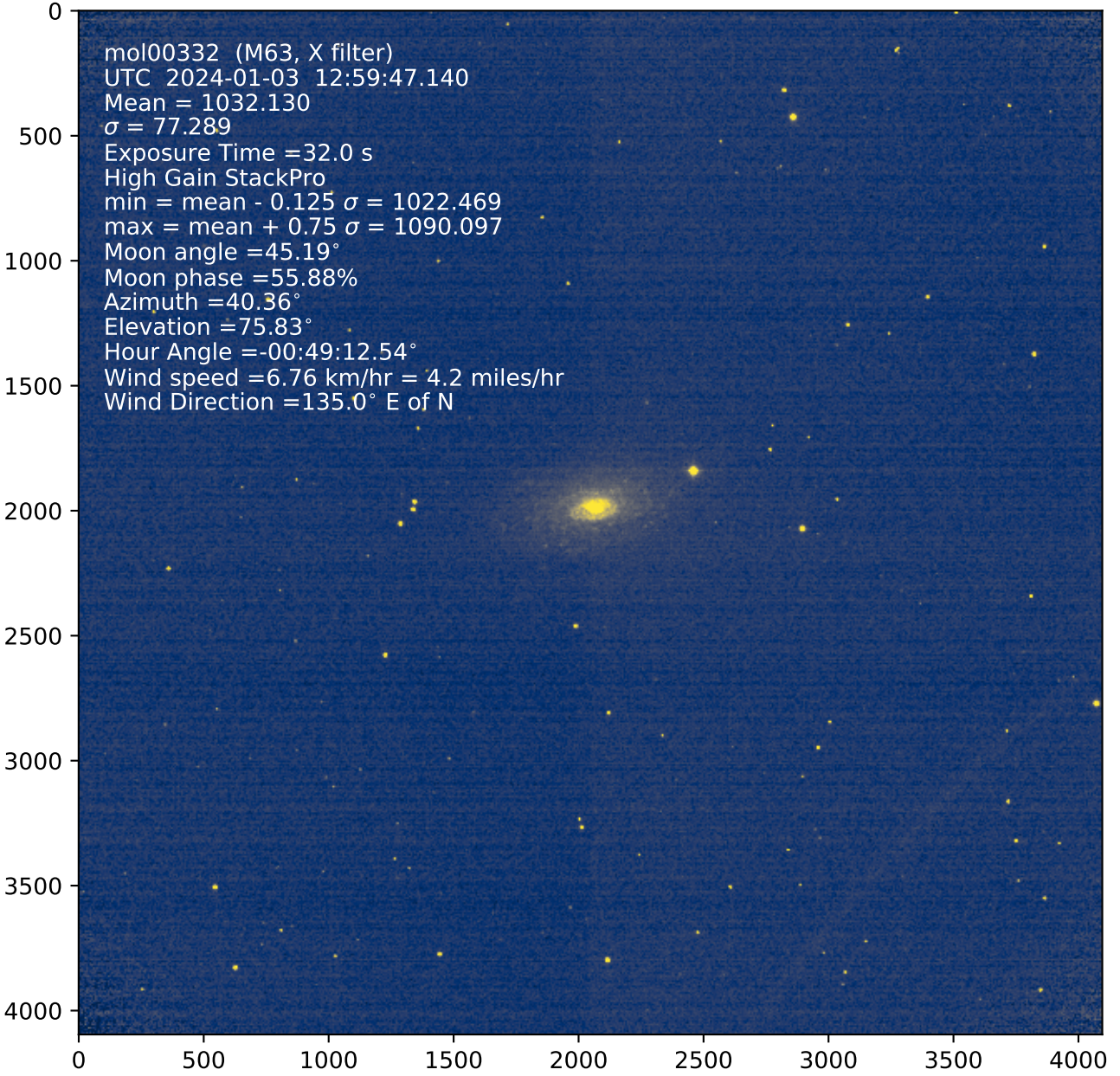
mol00332 (M63, X filter)
UTC 2024-01-03 12:59:47.140
Mean = 1032.130
σ = 77.289
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.469
max = mean + 0.75 σ = 1090.097
Moon angle =45.19°
Moon phase =55.88%
Azimuth =40.36°
Elevation =75.83°
Hour Angle =-00:49:12.54°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
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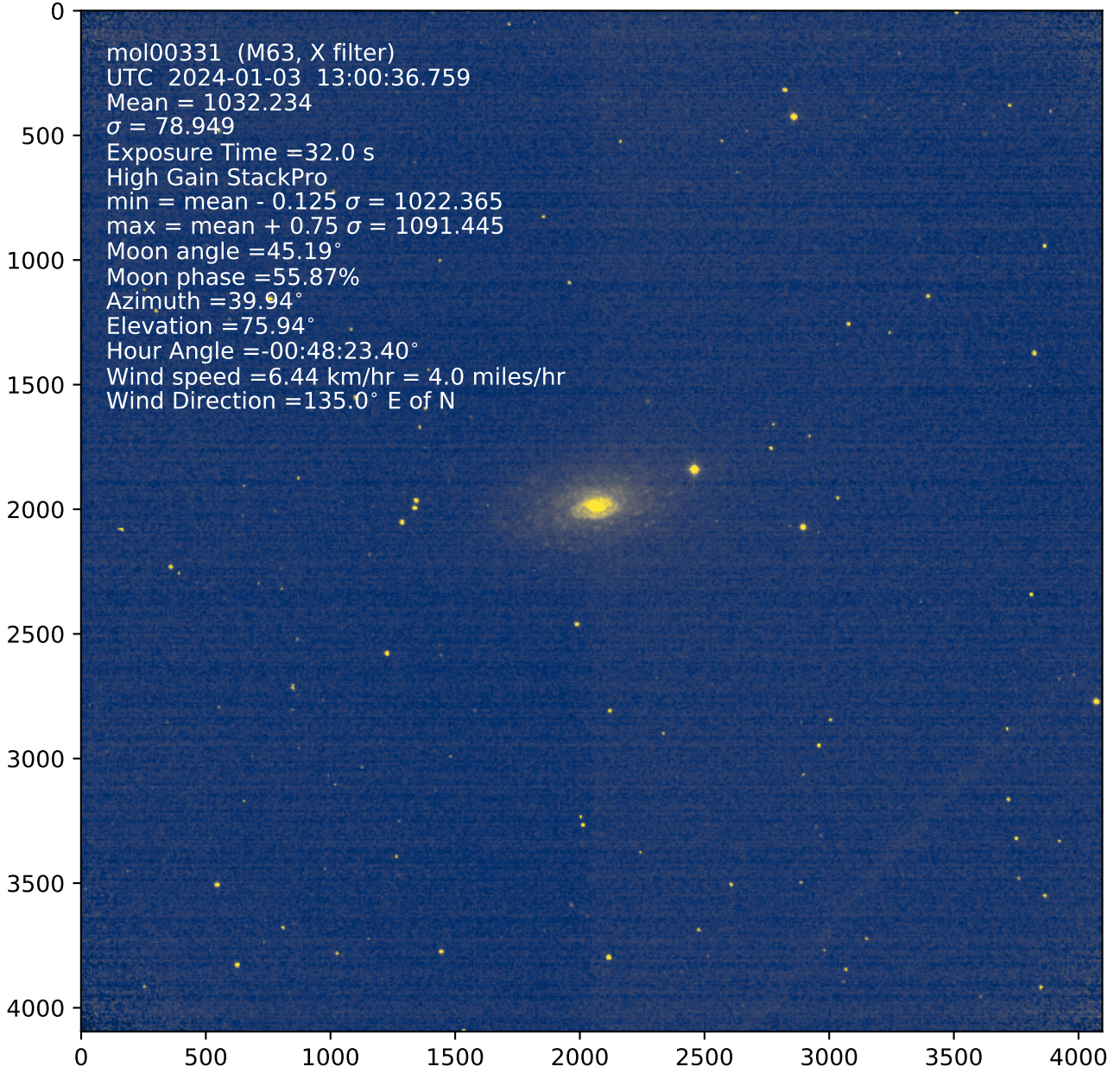
mol00331 (M63, X filter)
UTC 2024-01-03 13:00:36.759
Mean = 1032.234
σ = 78.949
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.365
max = mean + 0.75 σ = 1091.445
Moon angle =45.19°
Moon phase =55.87%
Azimuth =39.94°
Elevation =75.94°
Hour Angle =-00:48:23.40°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
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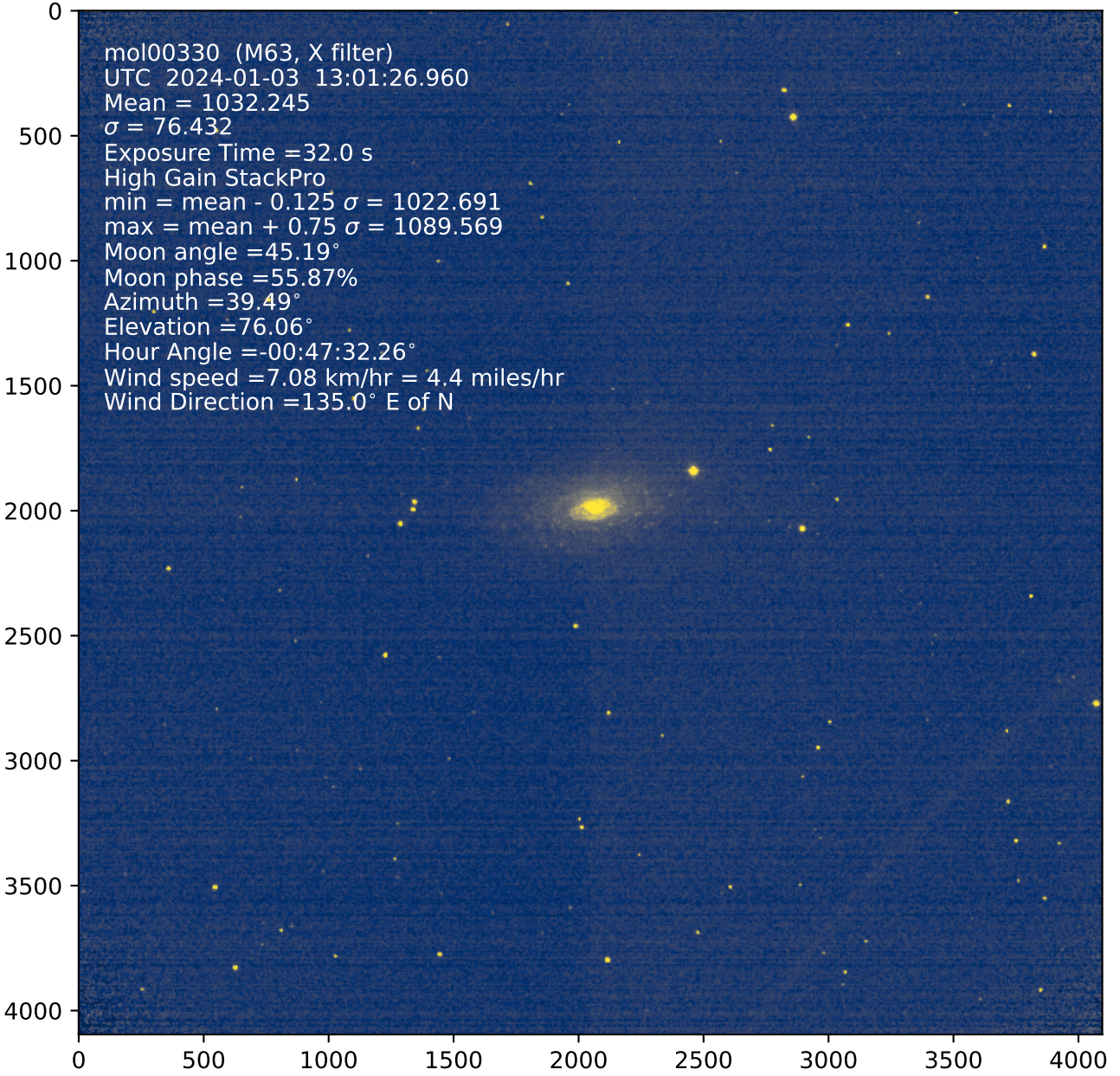
mol00330 (M63, X filter)
UTC 2024-01-03 13:01:26.960
Mean = 1032.245
σ = 76.432
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.691
max = mean + 0.75 σ = 1089.569
Moon angle =45.19°
Moon phase =55.87%
Azimuth =39.49°
Elevation =76.06°
Hour Angle =-00:47:32.26°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
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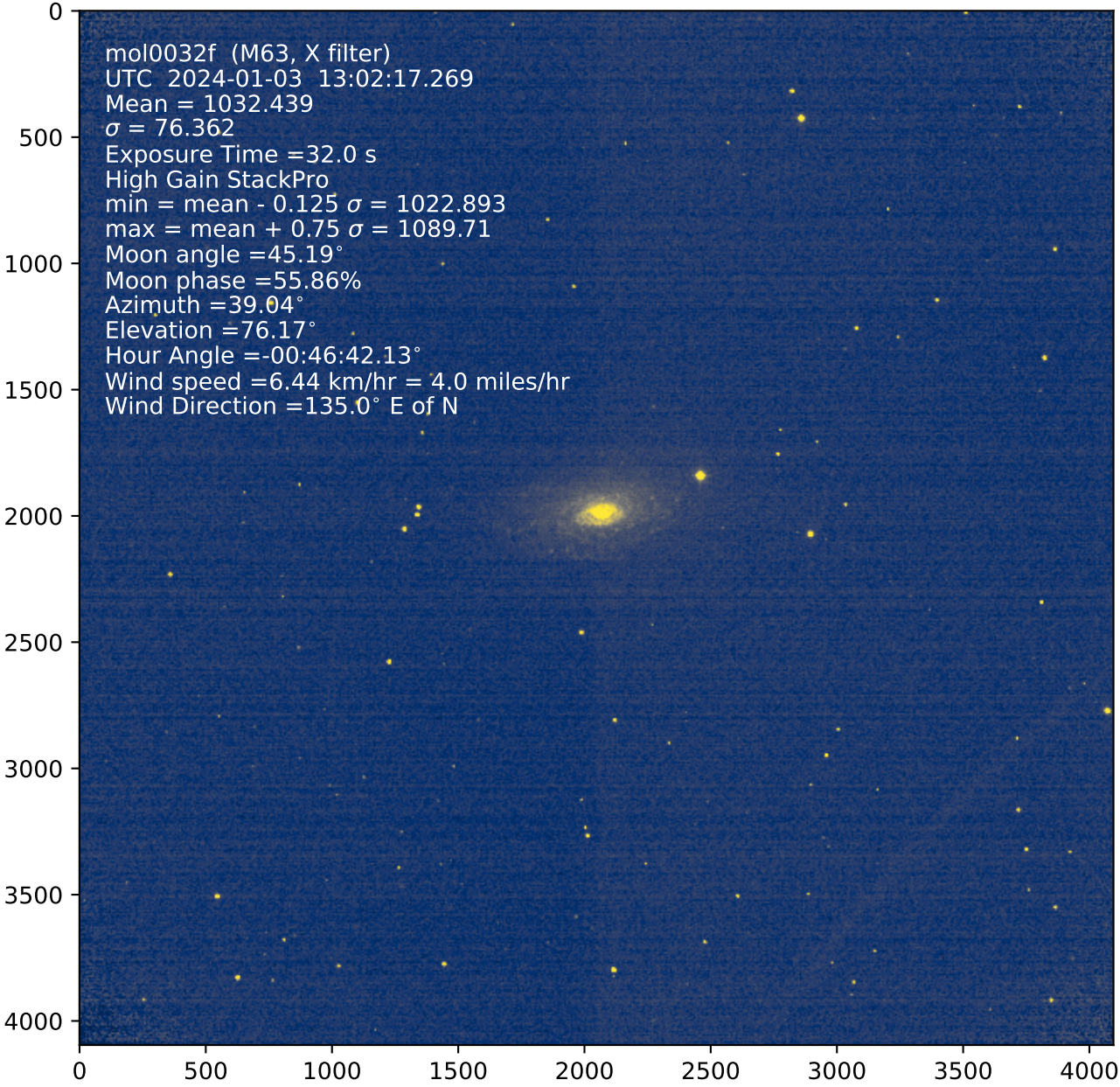
mol0032f (M63, X filter)
UTC 2024-01-03 13:02:17.269
Mean = 1032.439
σ = 76.362
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.893
max = mean + 0.75 σ = 1089.71
Moon angle =45.19°
Moon phase =55.86%
Azimuth =39.04°
Elevation =76.17°
Hour Angle =-00:46:42.13°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
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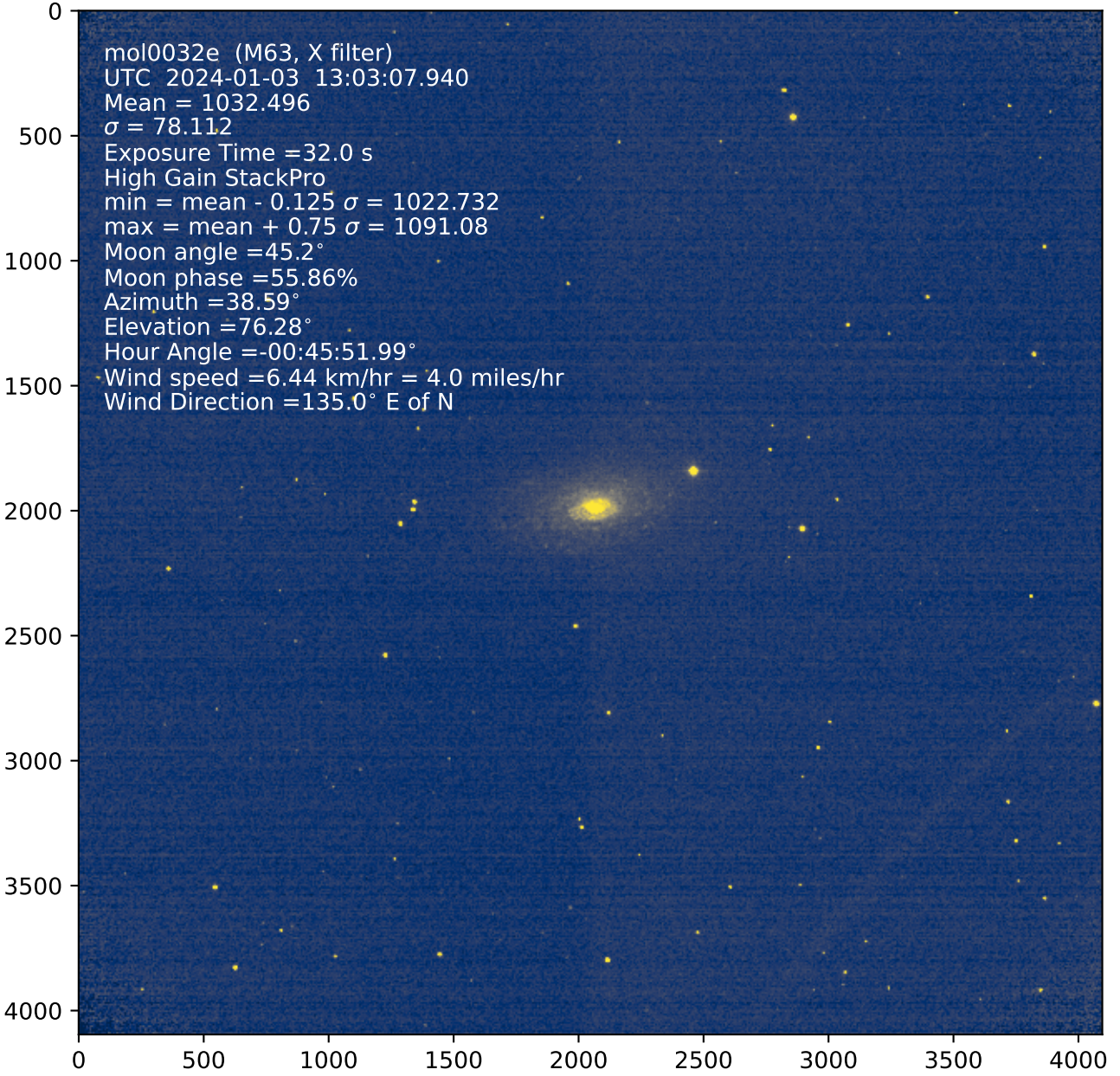
mol0032e (M63, X filter)
UTC 2024-01-03 13:03:07.940
Mean = 1032.496
σ = 78.112
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1022.732
max = mean + 0.75 σ = 1091.08
Moon angle =45.2°
Moon phase =55.86%
Azimuth =38.59°
Elevation =76.28°
Hour Angle =-00:45:51.99°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
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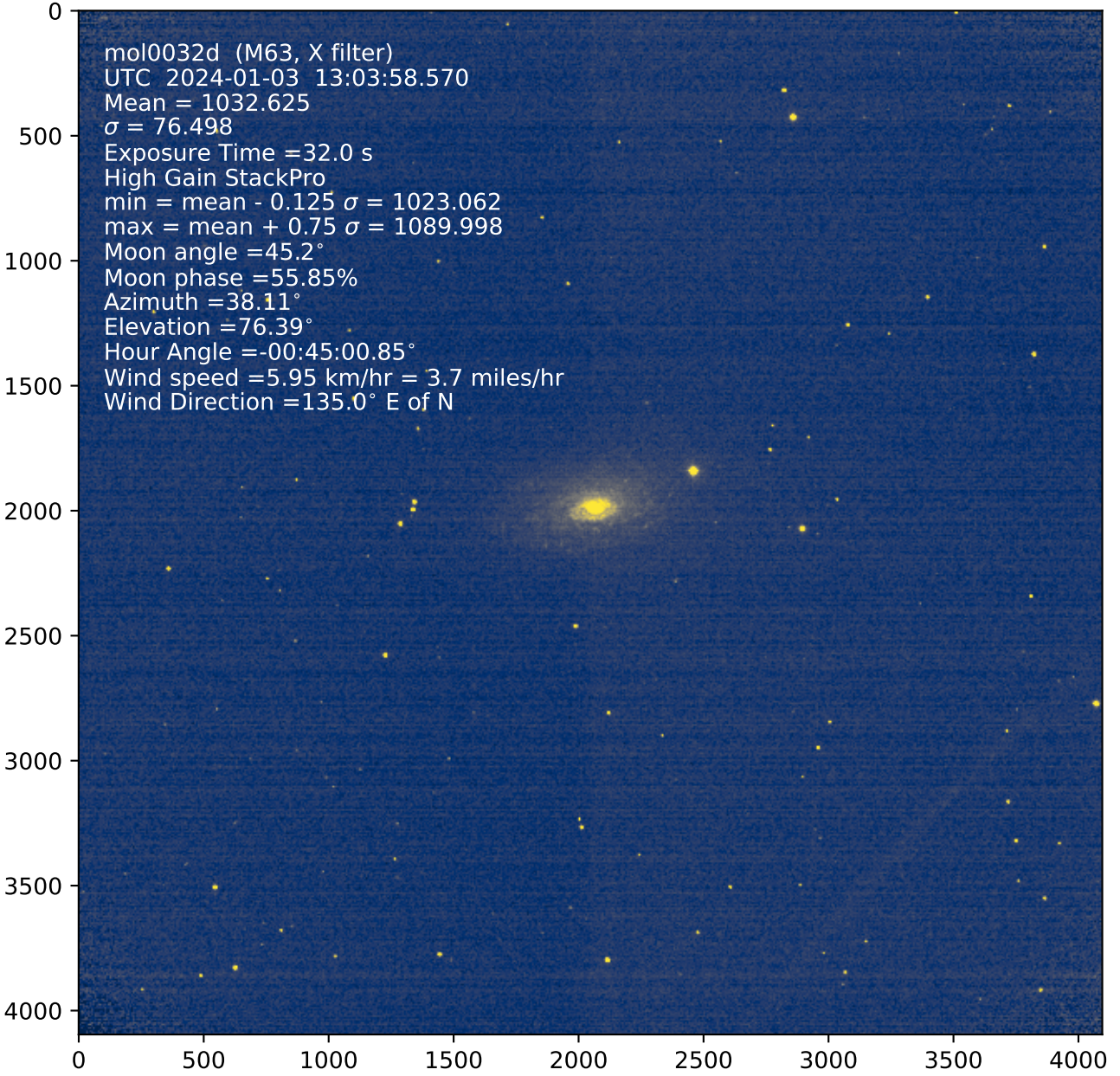
mol0032d (M63, X filter)
UTC 2024-01-03 13:03:58.570
Mean = 1032.625
σ = 76.498
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1023.062
max = mean + 0.75 σ = 1089.998
Moon angle =45.2°
Moon phase =55.85%
Azimuth =38.11°
Elevation =76.39°
Hour Angle =-00:45:00.85°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
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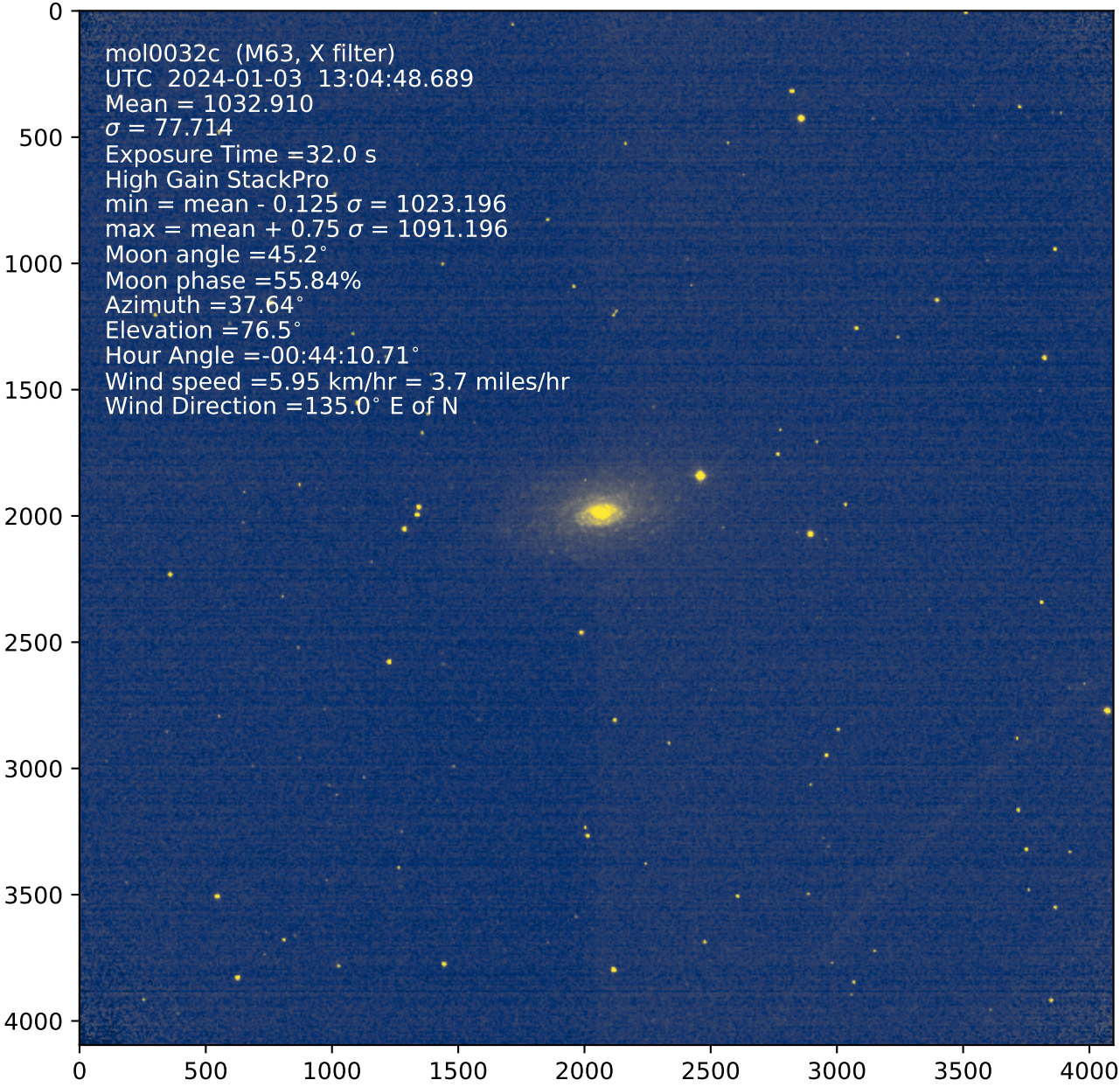
mol0032c (M63, X filter)
UTC 2024-01-03 13:04:48.689
Mean = 1032.910
σ = 77.714
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1023.196
max = mean + 0.75 σ = 1091.196
Moon angle =45.2°
Moon phase =55.84%
Azimuth =37.64°
Elevation =76.5°
Hour Angle =-00:44:10.71°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
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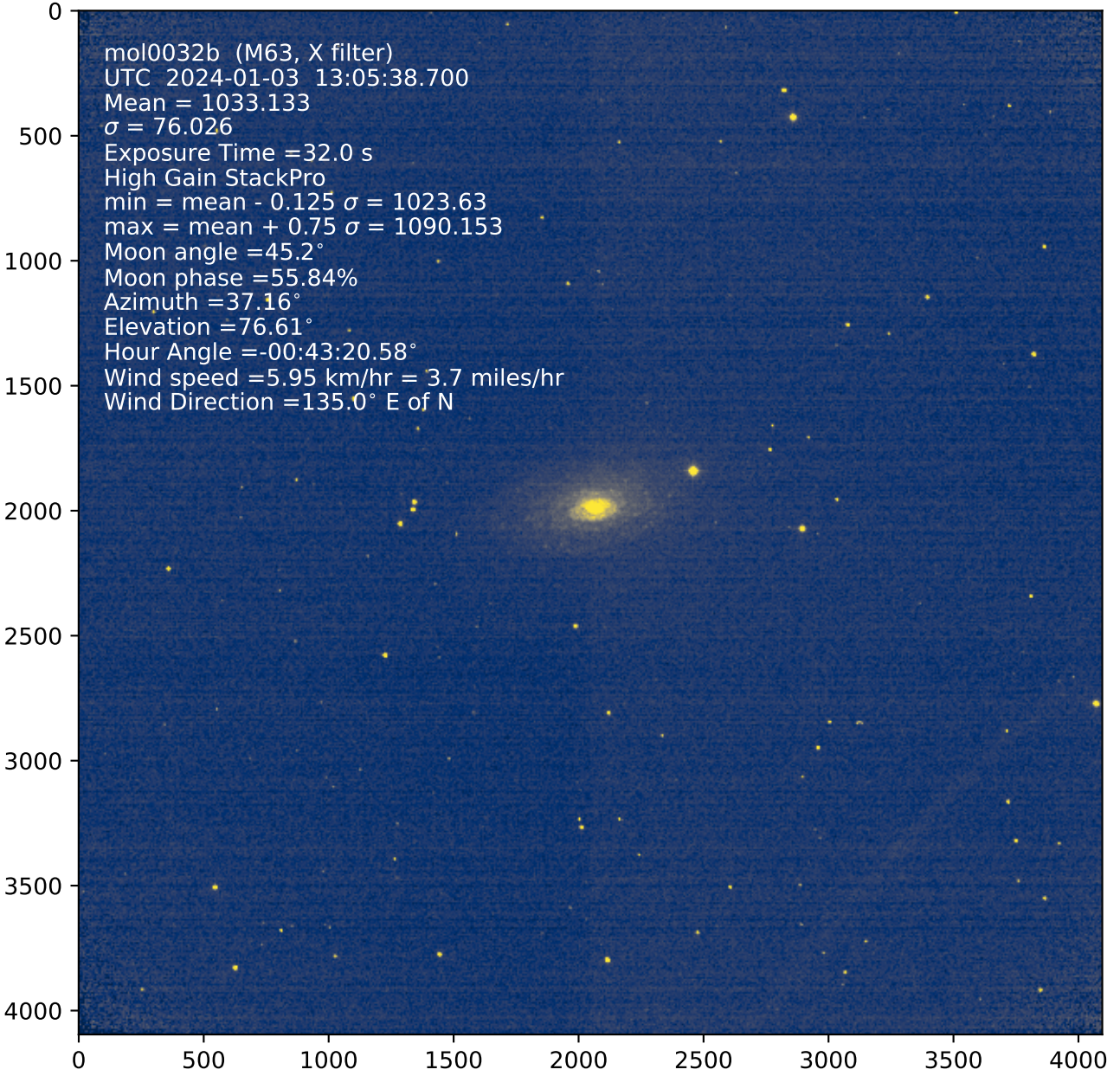
mol0032b (M63, X filter)
UTC 2024-01-03 13:05:38.700
Mean = 1033.133
σ = 76.026
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1023.63
max = mean + 0.75 σ = 1090.153
Moon angle =45.2°
Moon phase =55.84%
Azimuth =37.16°
Elevation =76.61°
Hour Angle =-00:43:20.58°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
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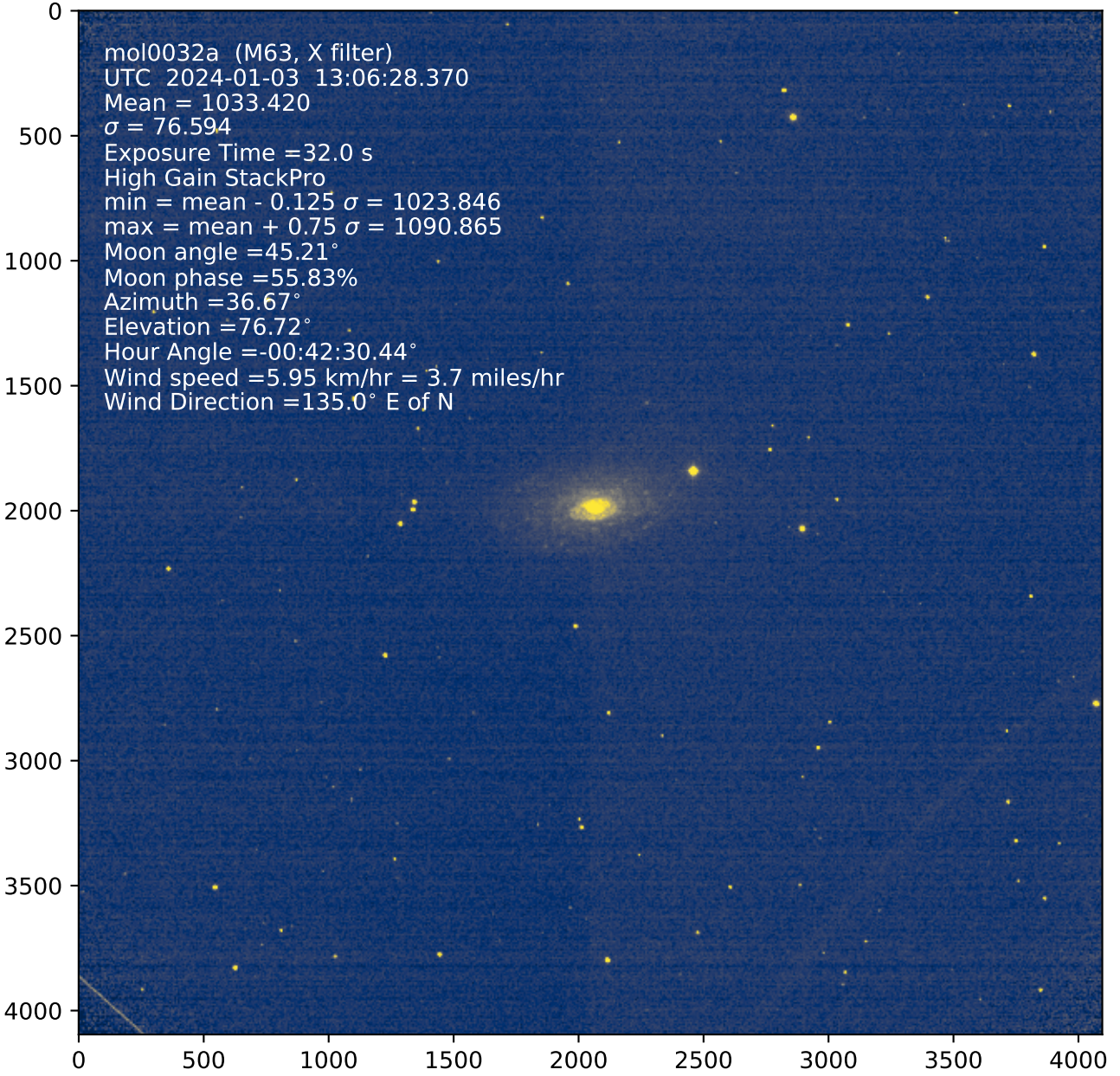
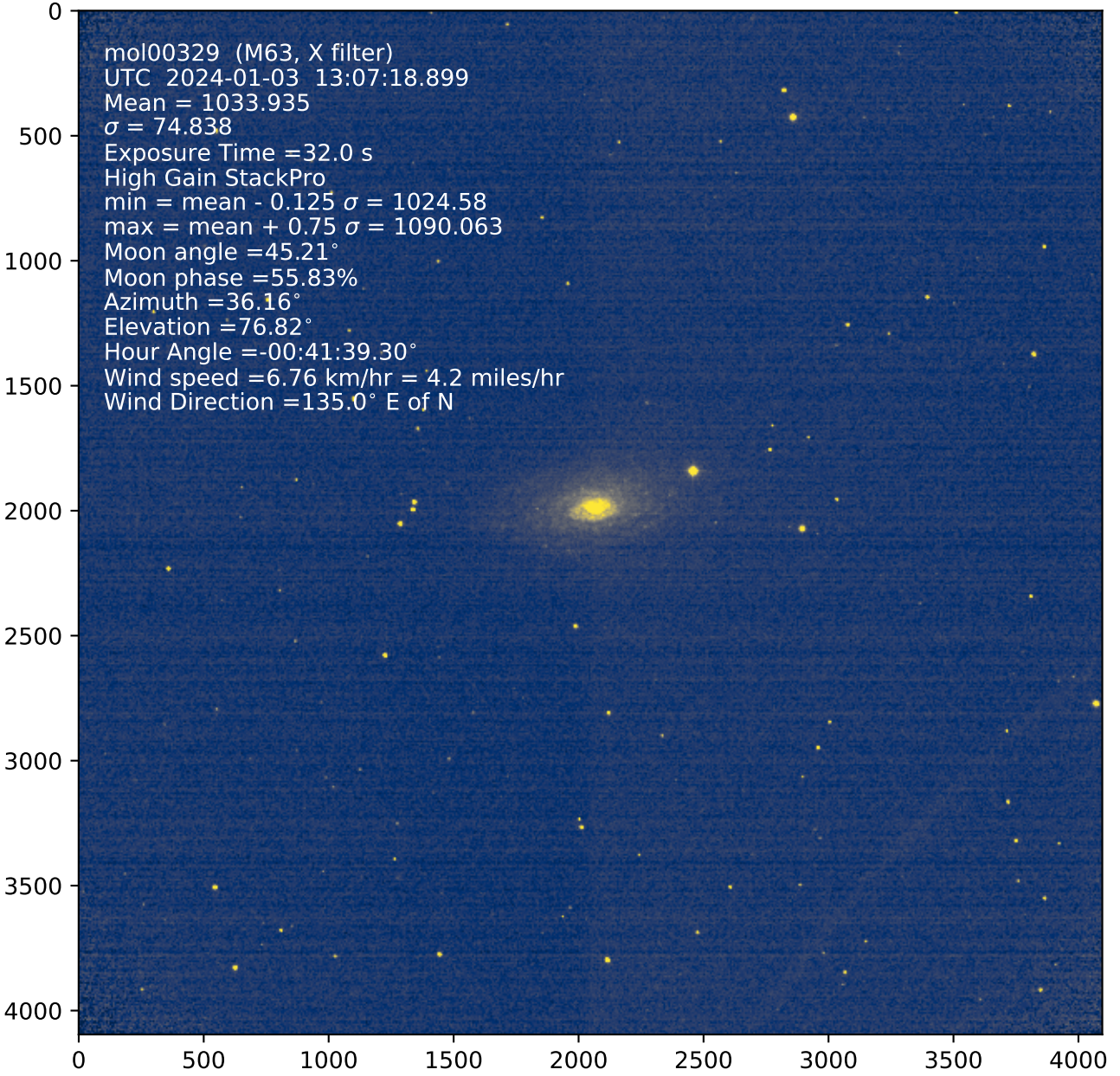
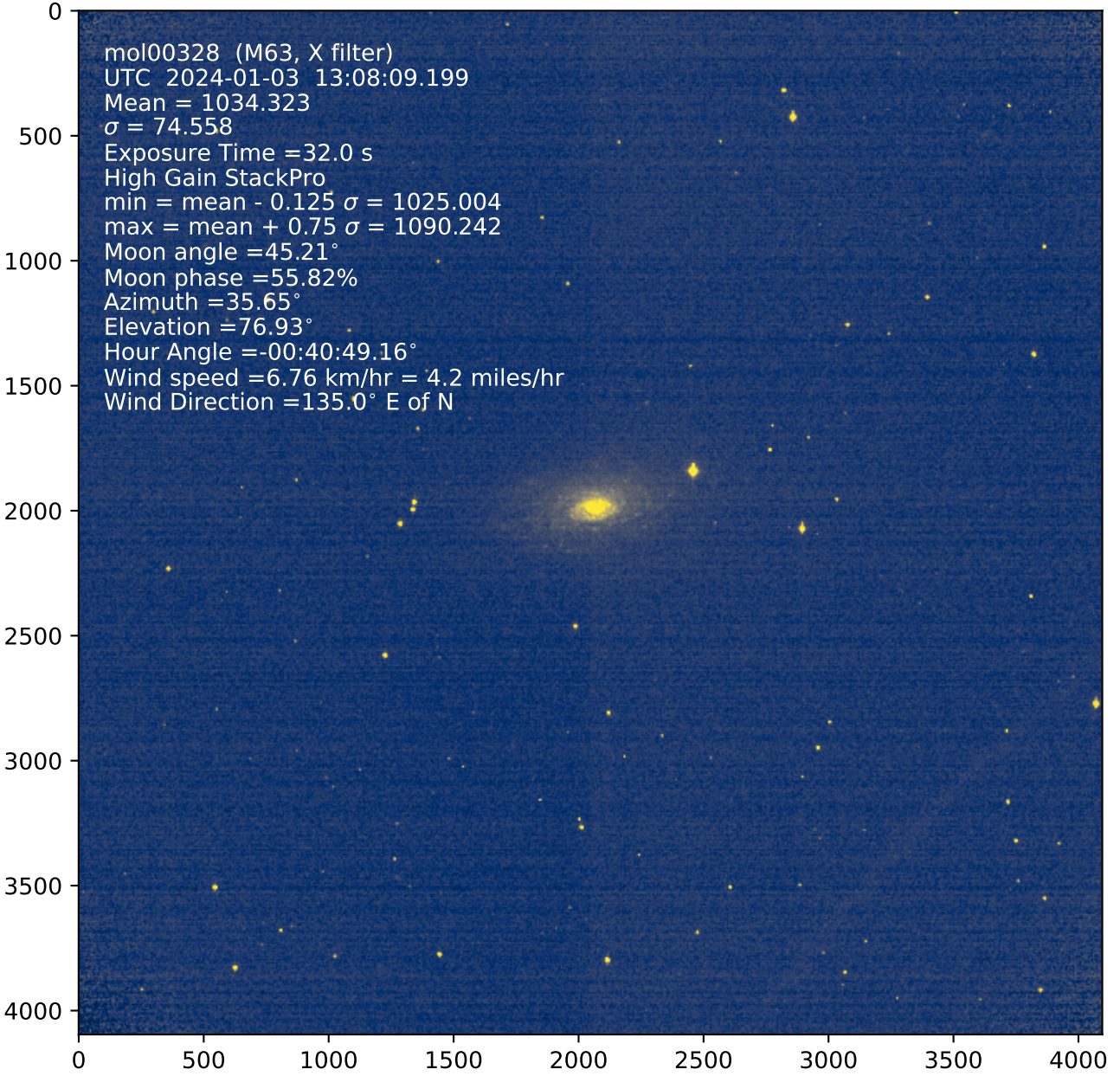
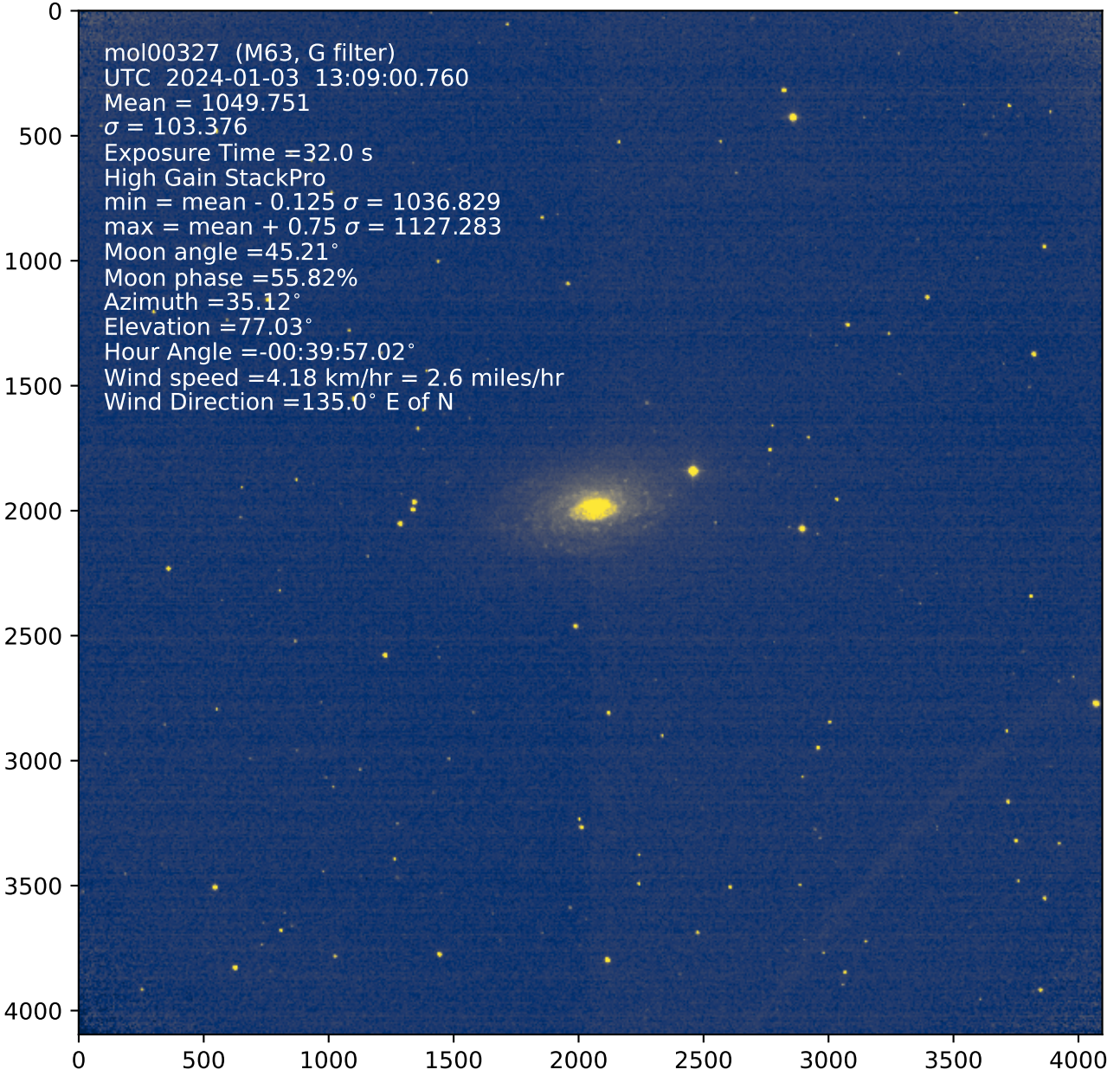
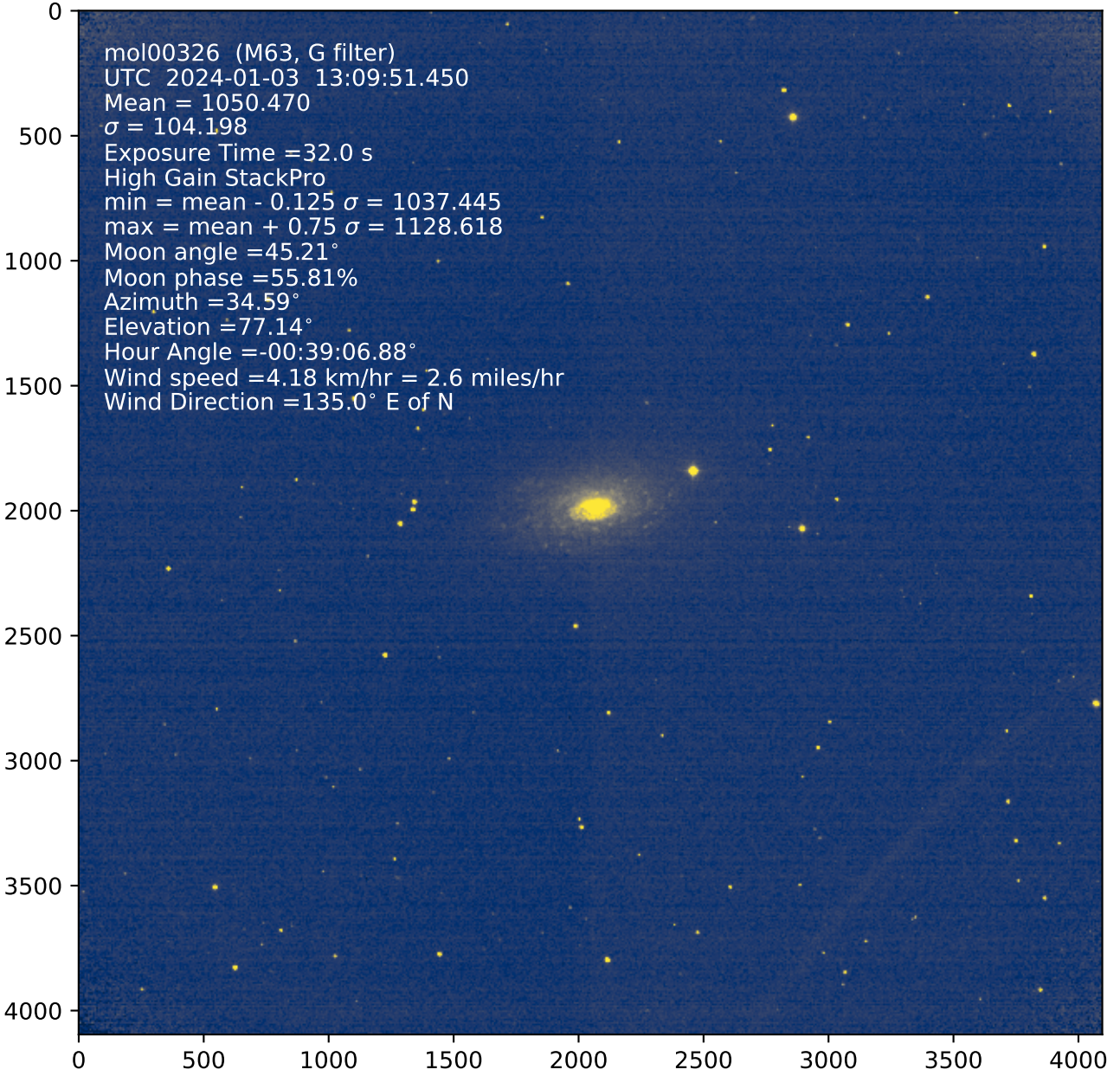
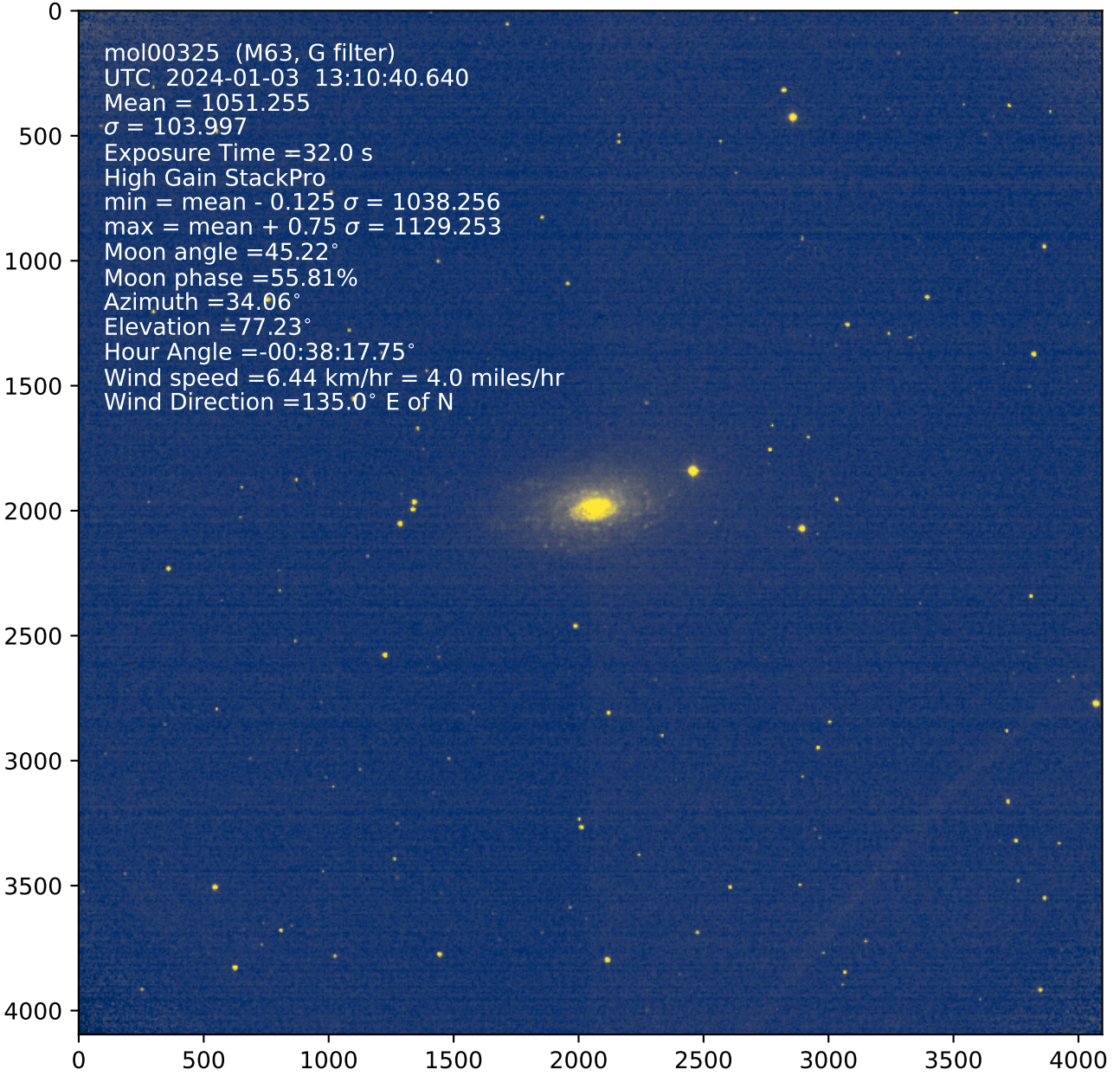

mol0032a (M63, X filter)
UTC 2024-01-03 13:06:28.370
Mean = 1033.420
σ = 76.594
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1023.846
max = mean + 0.75 σ = 1090.865
Moon angle =45.21°
Moon phase =55.83%
Azimuth =36.67°
Elevation =76.72°
Hour Angle =-00:42:30.44°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000

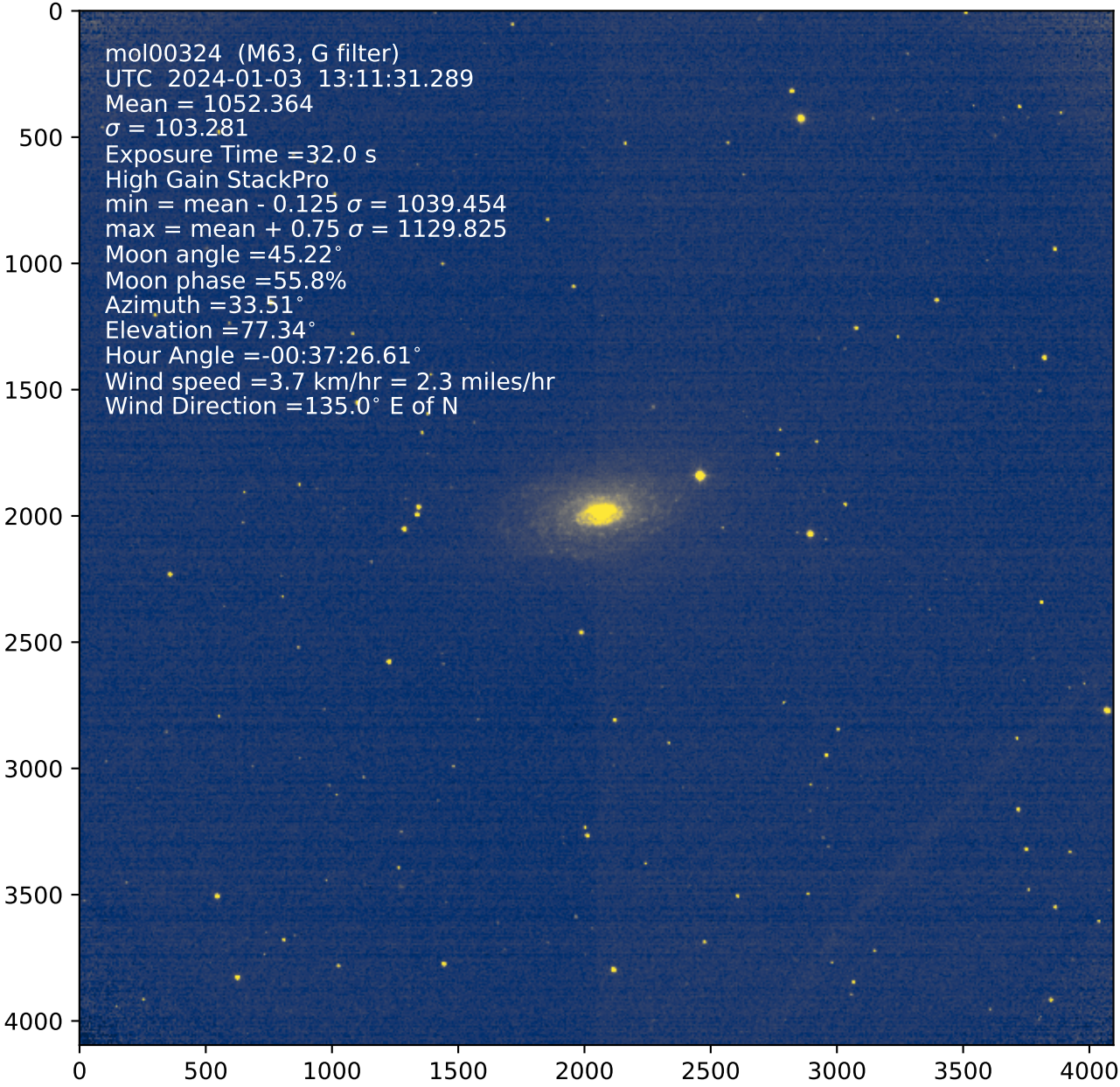

mol00329 (M63, X filter)
UTC 2024-01-03 13:07:18.899
Mean = 1033.935
σ = 74.838
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1024.58
max = mean + 0.75 σ = 1090.063
Moon angle =45.21°
Moon phase =55.83%
Azimuth =36.16°
Elevation =76.82°
Hour Angle =-00:41:39.30°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000

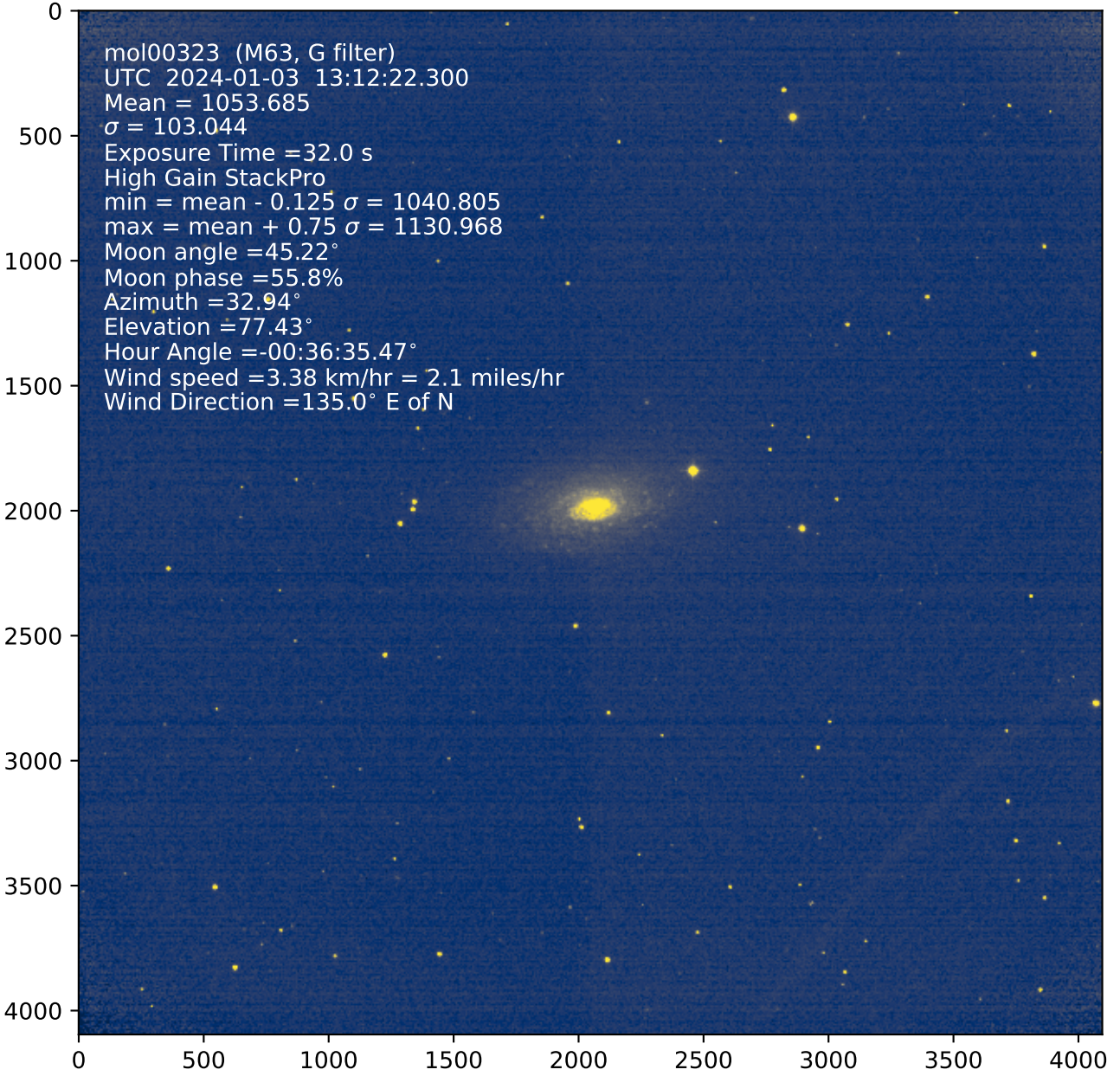

mol00328 (M63, X filter)
UTC 2024-01-03 13:08:09.199
Mean = 1034.323
σ = 74.558
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1025.004
max = mean + 0.75 σ = 1090.242
Moon angle =45.21°
Moon phase =55.82%
Azimuth =35.65°
Elevation =76.93°
Hour Angle =-00:40:49.16°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000

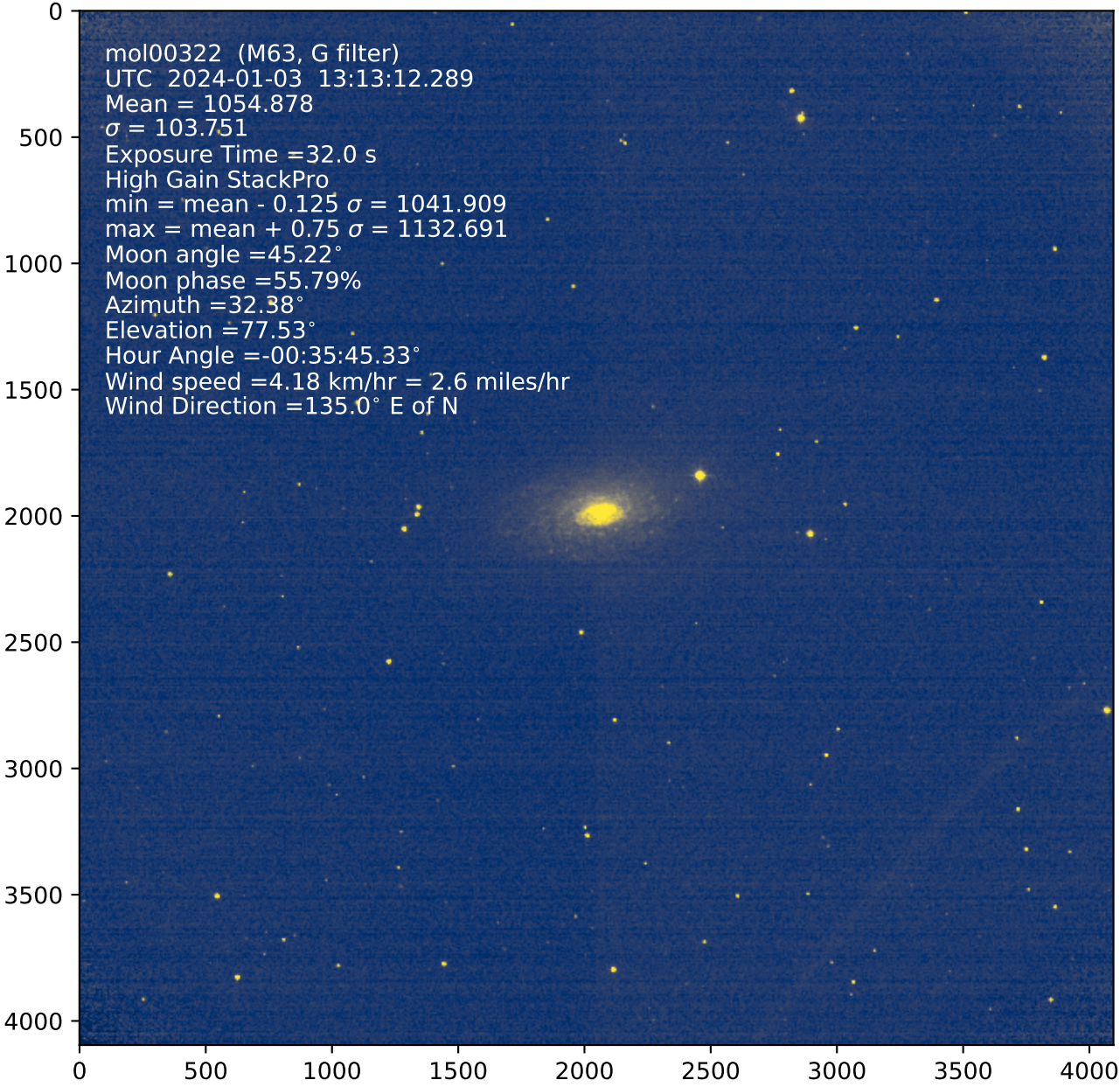

mol00327 (M63, G filter)
UTC 2024-01-03 13:09:00.760
Mean = 1049.751
σ = 103.376
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1036.829
max = mean + 0.75 σ = 1127.283
Moon angle =45.21°
Moon phase =55.82%
Azimuth =35.12°
Elevation =77.03°
Hour Angle =-00:39:57.02°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000

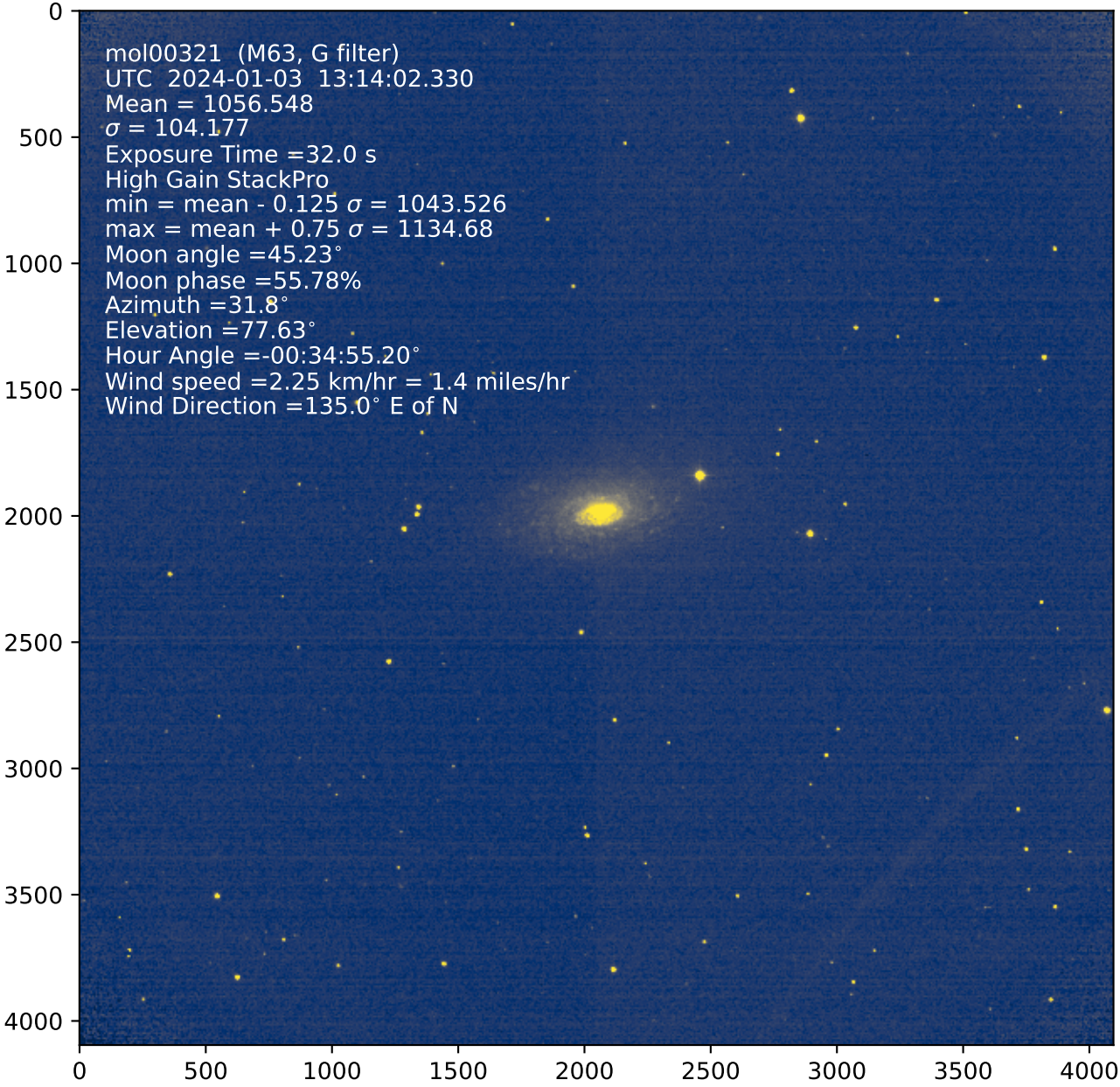

mol00326 (M63, G filter)
UTC 2024-01-03 13:09:51.450
Mean = 1050.470
σ = 104.198
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1037.445
max = mean + 0.75 σ = 1128.618
Moon angle =45.21°
Moon phase =55.81%
Azimuth =34.59°
Elevation =77.14°
Hour Angle =-00:39:06.88°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol00325 (M63, G filter)
UTC 2024-01-03 13:10:40.640
Mean = 1051.255
σ = 103.997
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1038.256
max = mean + 0.75 σ = 1129.253
Moon angle =45.22°
Moon phase =55.81%
Azimuth =34.06°
Elevation =77.23°
Hour Angle =-00:38:17.75°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol00324 (M63, G filter)
UTC 2024-01-03 13:11:31.289
Mean = 1052.364
σ = 103.281
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1039.454
max = mean + 0.75 σ = 1129.825
Moon angle =45.22°
Moon phase =55.8%
Azimuth =33.51°
Elevation =77.34°
Hour Angle =-00:37:26.61°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol00323 (M63, G filter)
UTC 2024-01-03 13:12:22.300
Mean = 1053.685
σ = 103.044
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1040.805
max = mean + 0.75 σ = 1130.968
Moon angle =45.22°
Moon phase =55.8%
Azimuth =32.94°
Elevation =77.43°
Hour Angle =-00:36:35.47°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol00322 (M63, G filter)
UTC 2024-01-03 13:13:12.289
Mean = 1054.878
σ = 103.751
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1041.909
max = mean + 0.75 σ = 1132.691
Moon angle =45.22°
Moon phase =55.79%
Azimuth =32.38°
Elevation =77.53°
Hour Angle =-00:35:45.33°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol00321 (M63, G filter)
UTC 2024-01-03 13:14:02.330
Mean = 1056.548
σ = 104.177
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1043.526
max = mean + 0.75 σ = 1134.68
Moon angle =45.23°
Moon phase =55.78%
Azimuth =31.8°
Elevation =77.63°
Hour Angle =-00:34:55.20°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =135.0° E of N
0
500
1000
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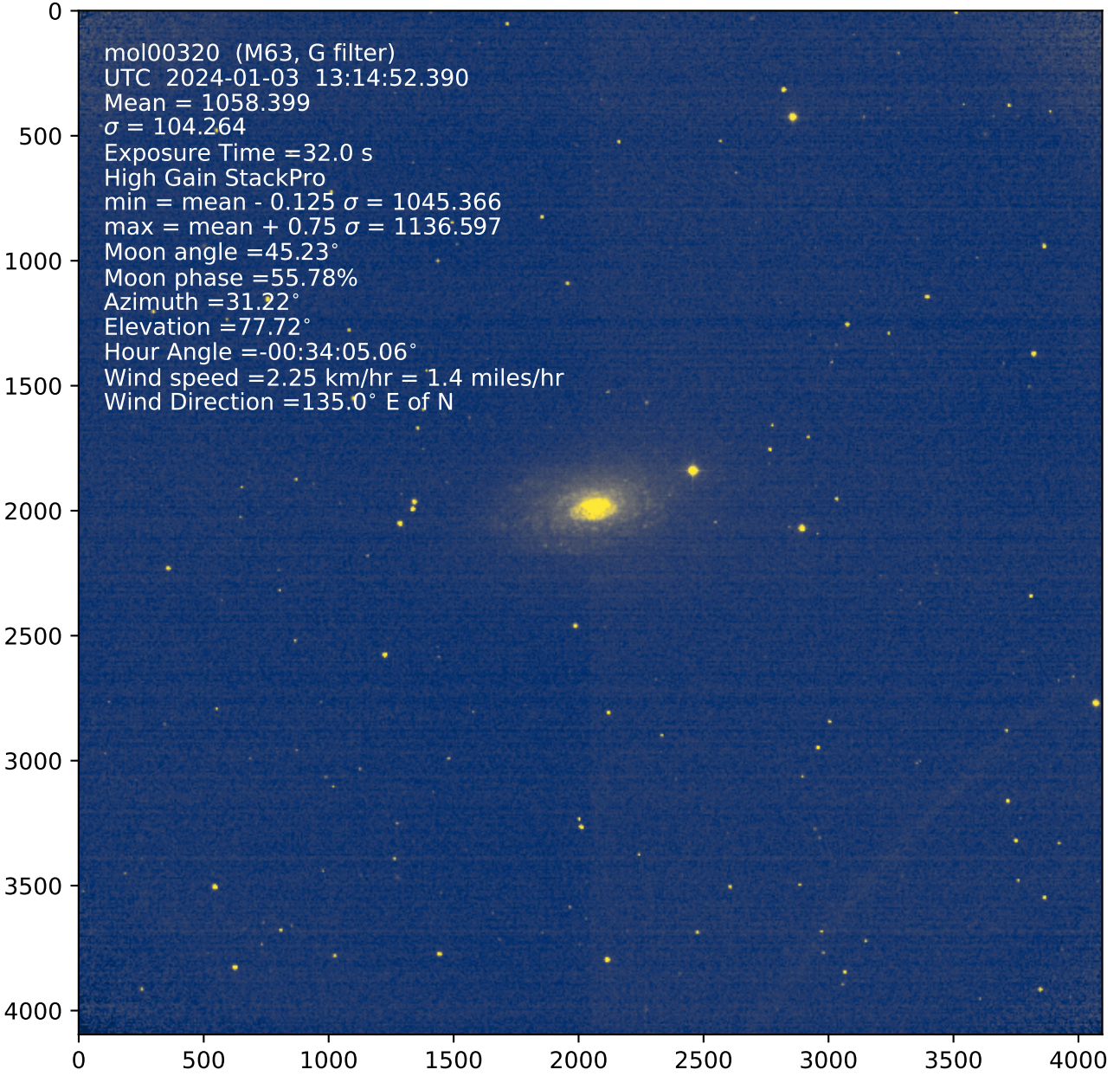
2000
2500
3000
3500
4000


mol00320 (M63, G filter)
UTC 2024-01-03 13:14:52.390
Mean = 1058.399
σ = 104.264
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1045.366
max = mean + 0.75 σ = 1136.597
Moon angle =45.23°
Moon phase =55.78%
Azimuth =31.22°
Elevation =77.72°
Hour Angle =-00:34:05.06°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =135.0° E of N
0
500
1000
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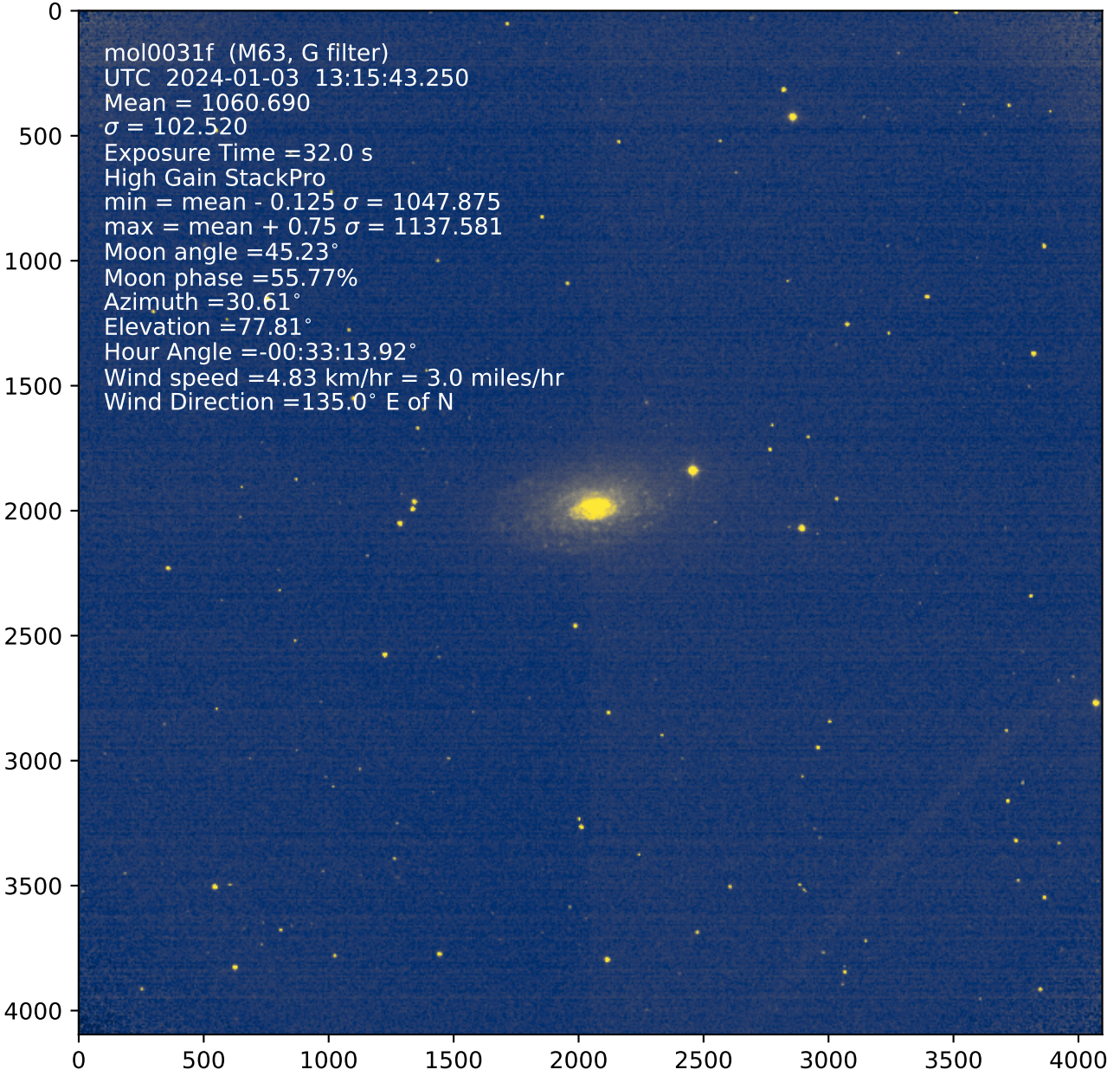
2000
2500
3000
3500
4000


mol0031f (M63, G filter)
UTC 2024-01-03 13:15:43.250
Mean = 1060.690
σ = 102.520
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1047.875
max = mean + 0.75 σ = 1137.581
Moon angle =45.23°
Moon phase =55.77%
Azimuth =30.61°
Elevation =77.81°
Hour Angle =-00:33:13.92°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
500
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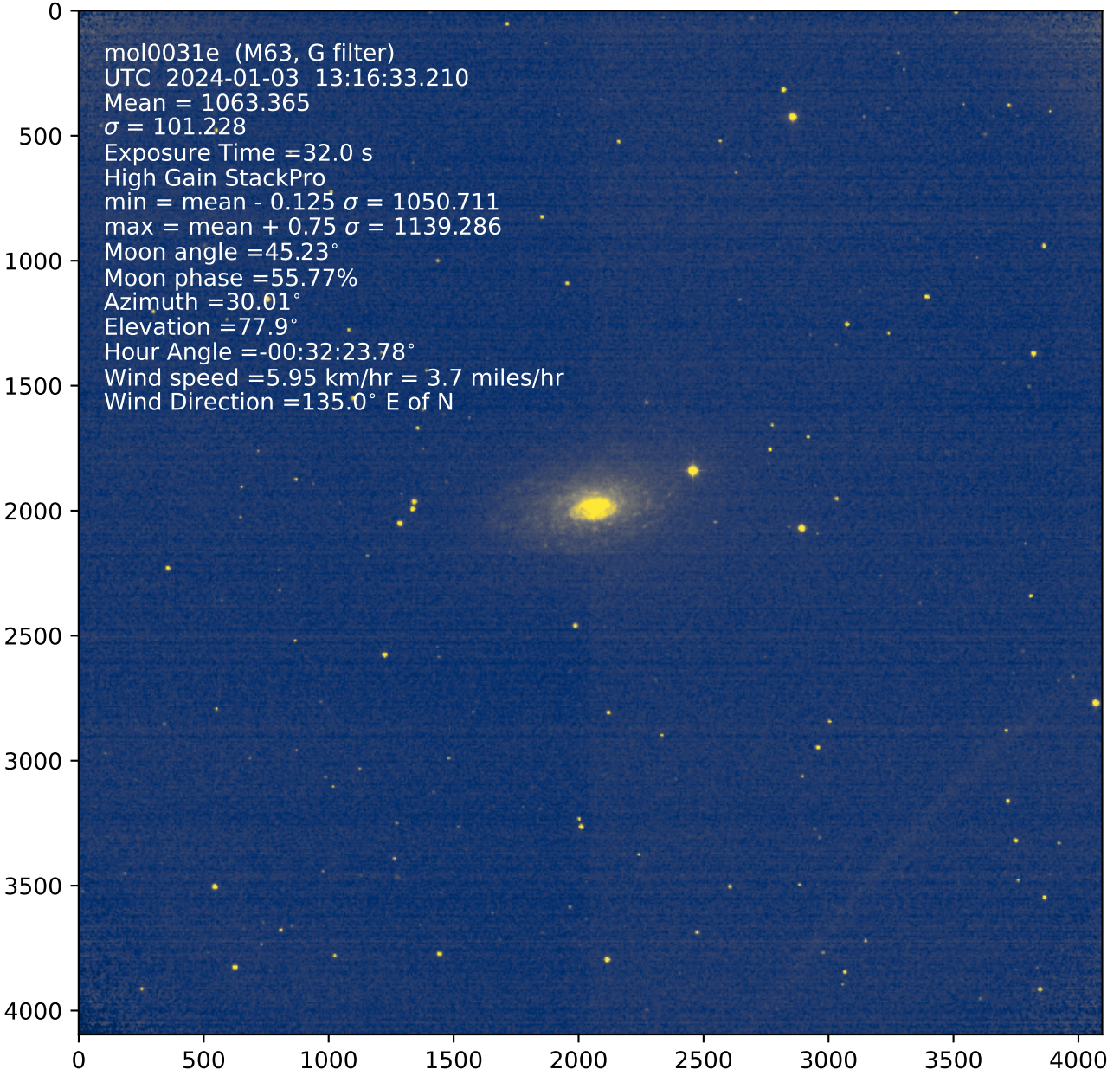
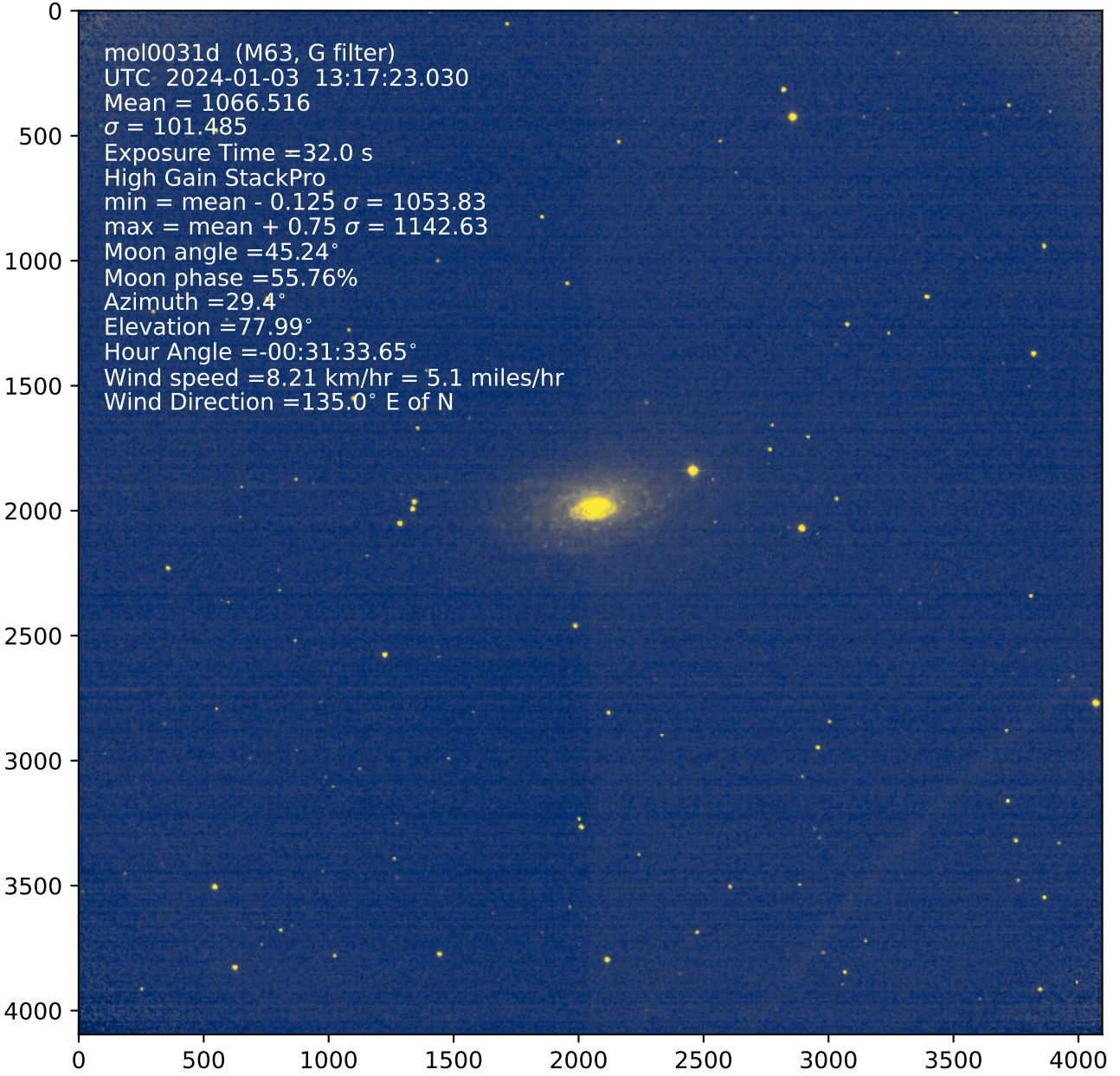
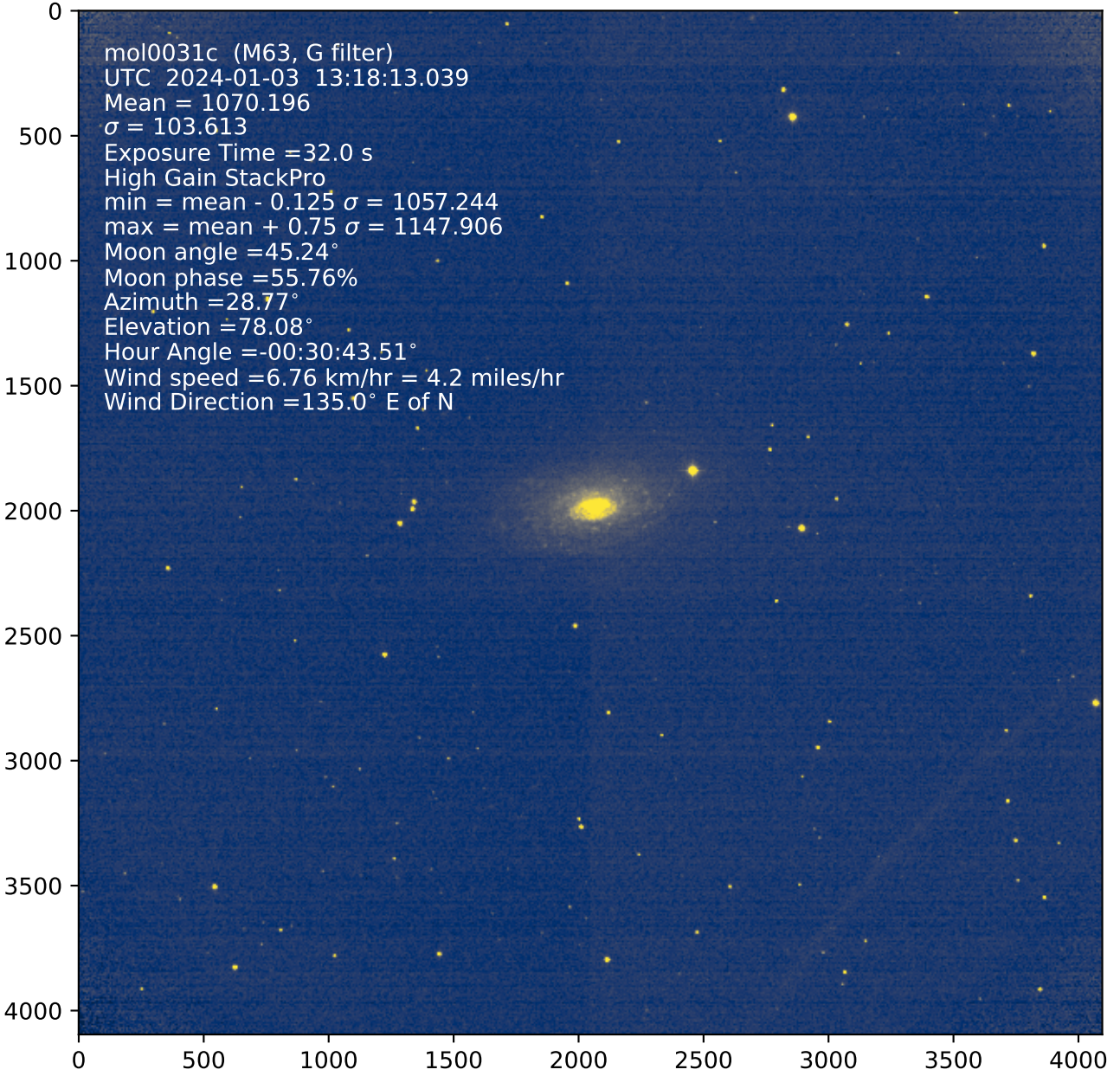
1500
2000
2500
3000
3500
4000


mol0031e (M63, G filter)
UTC 2024-01-03 13:16:33.210
Mean = 1063.365
σ = 101.228
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1050.711
max = mean + 0.75 σ = 1139.286
Moon angle =45.23°
Moon phase =55.77%
Azimuth =30.01°
Elevation =77.9°
Hour Angle =-00:32:23.78°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol0031d (M63, G filter)
UTC 2024-01-03 13:17:23.030
Mean = 1066.516
σ = 101.485
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1053.83
max = mean + 0.75 σ = 1142.63
Moon angle =45.24°
Moon phase =55.76%
Azimuth =29.4°
Elevation =77.99°
Hour Angle =-00:31:33.65°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000


mol0031c (M63, G filter)
UTC 2024-01-03 13:18:13.039
Mean = 1070.196
σ = 103.613
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1057.244
max = mean + 0.75 σ = 1147.906
Moon angle =45.24°
Moon phase =55.76%
Azimuth =28.77°
Elevation =78.08°
Hour Angle =-00:30:43.51°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
500
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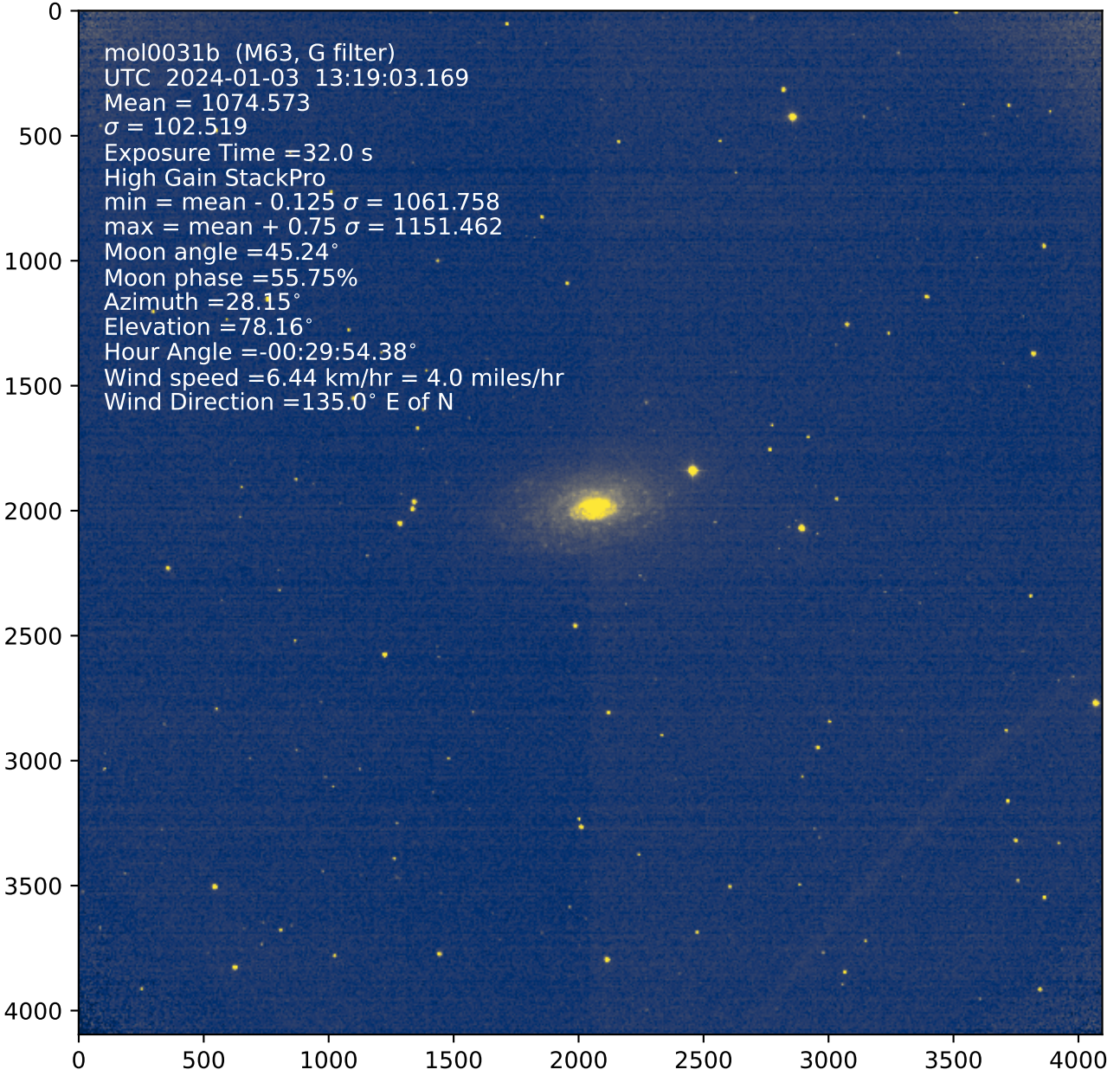
2000
2500
3000
3500
4000


mol0031b (M63, G filter)
UTC 2024-01-03 13:19:03.169
Mean = 1074.573
σ = 102.519
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1061.758
max = mean + 0.75 σ = 1151.462
Moon angle =45.24°
Moon phase =55.75%
Azimuth =28.15°
Elevation =78.16°
Hour Angle =-00:29:54.38°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
500
1000
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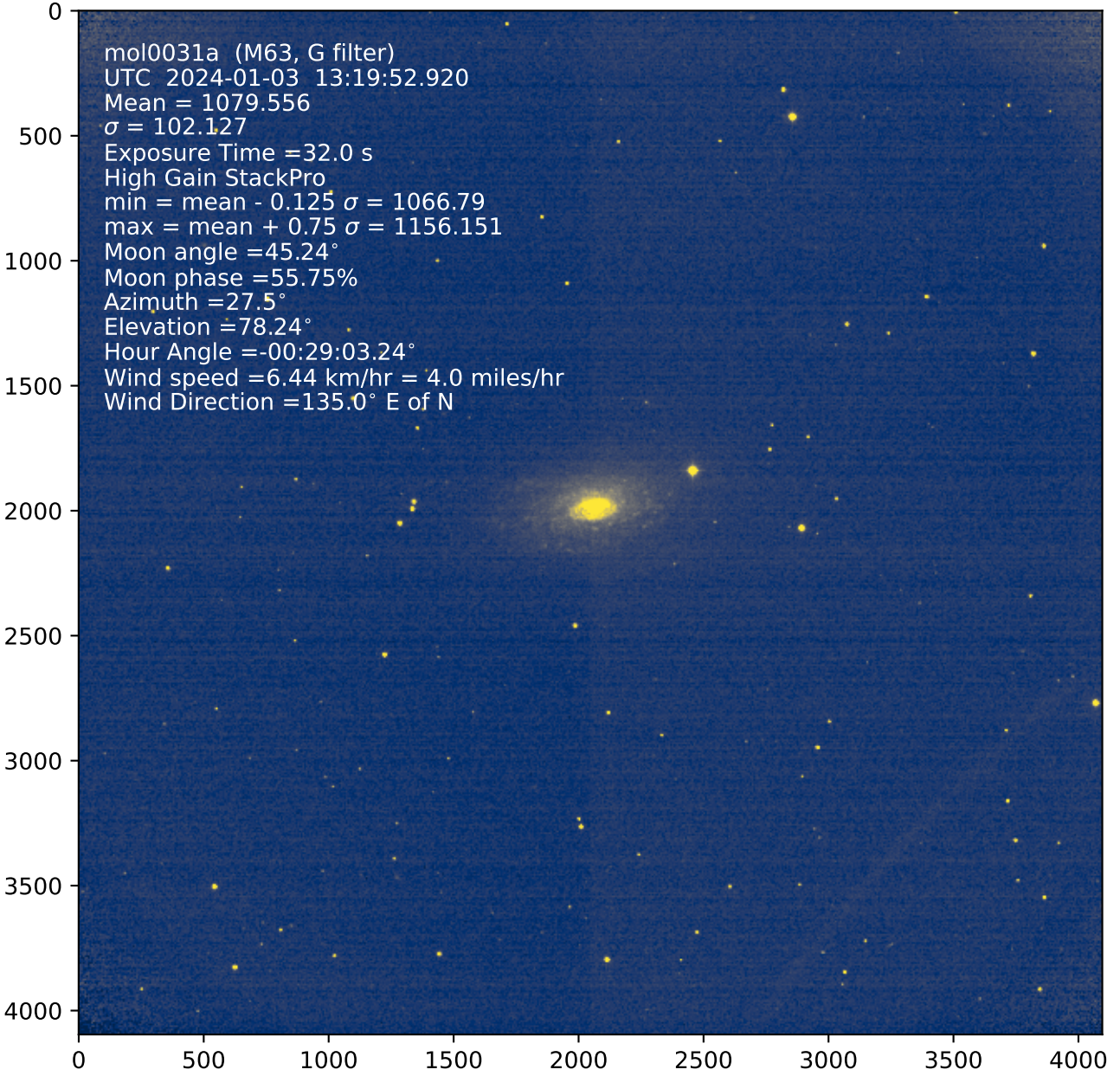
2000
2500
3000
3500
4000


mol0031a (M63, G filter)
UTC 2024-01-03 13:19:52.920
Mean = 1079.556
σ = 102.127
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1066.79
max = mean + 0.75 σ = 1156.151
Moon angle =45.24°
Moon phase =55.75%
Azimuth =27.5°
Elevation =78.24°
Hour Angle =-00:29:03.24°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
500
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2000
2500
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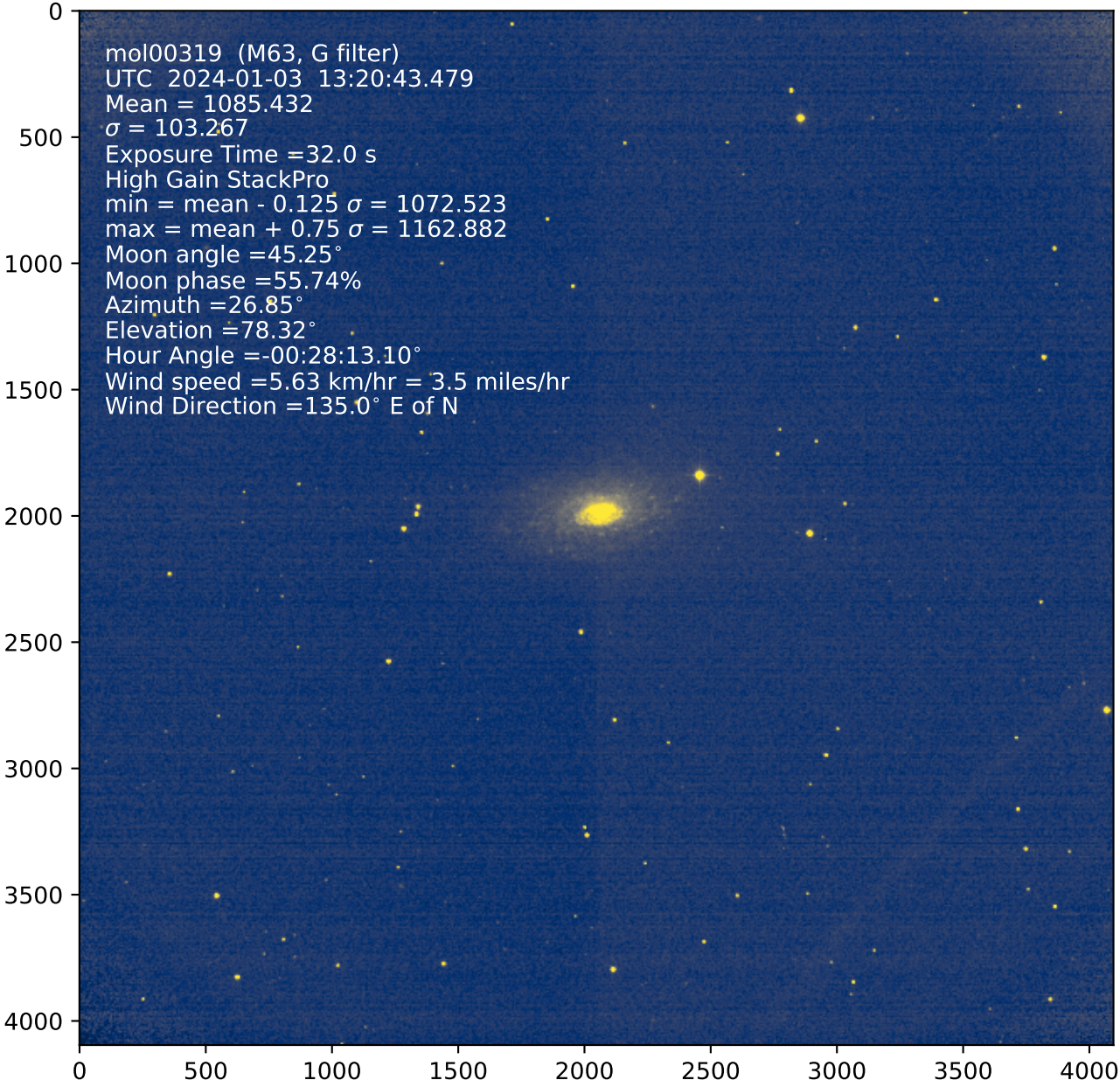
3500
4000


mol00319 (M63, G filter)
UTC 2024-01-03 13:20:43.479
Mean = 1085.432
σ = 103.267
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1072.523
max = mean + 0.75 σ = 1162.882
Moon angle =45.25°
Moon phase =55.74%
Azimuth =26.85°
Elevation =78.32°
Hour Angle =-00:28:13.10°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
500
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2500
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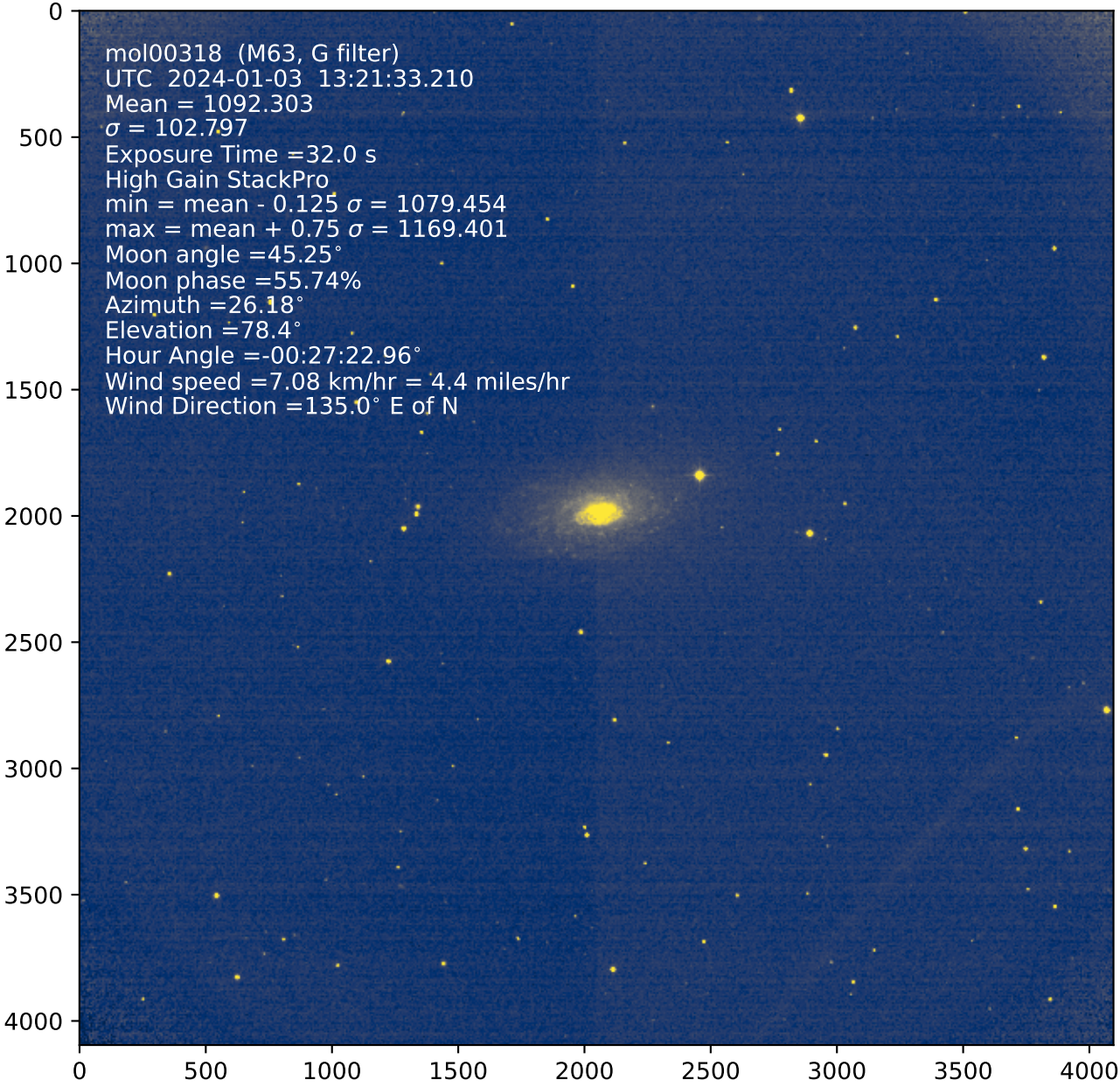
3500
4000


mol00318 (M63, G filter)
UTC 2024-01-03 13:21:33.210
Mean = 1092.303
σ = 102.797
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1079.454
max = mean + 0.75 σ = 1169.401
Moon angle =45.25°
Moon phase =55.74%
Azimuth =26.18°
Elevation =78.4°
Hour Angle =-00:27:22.96°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
500
1000
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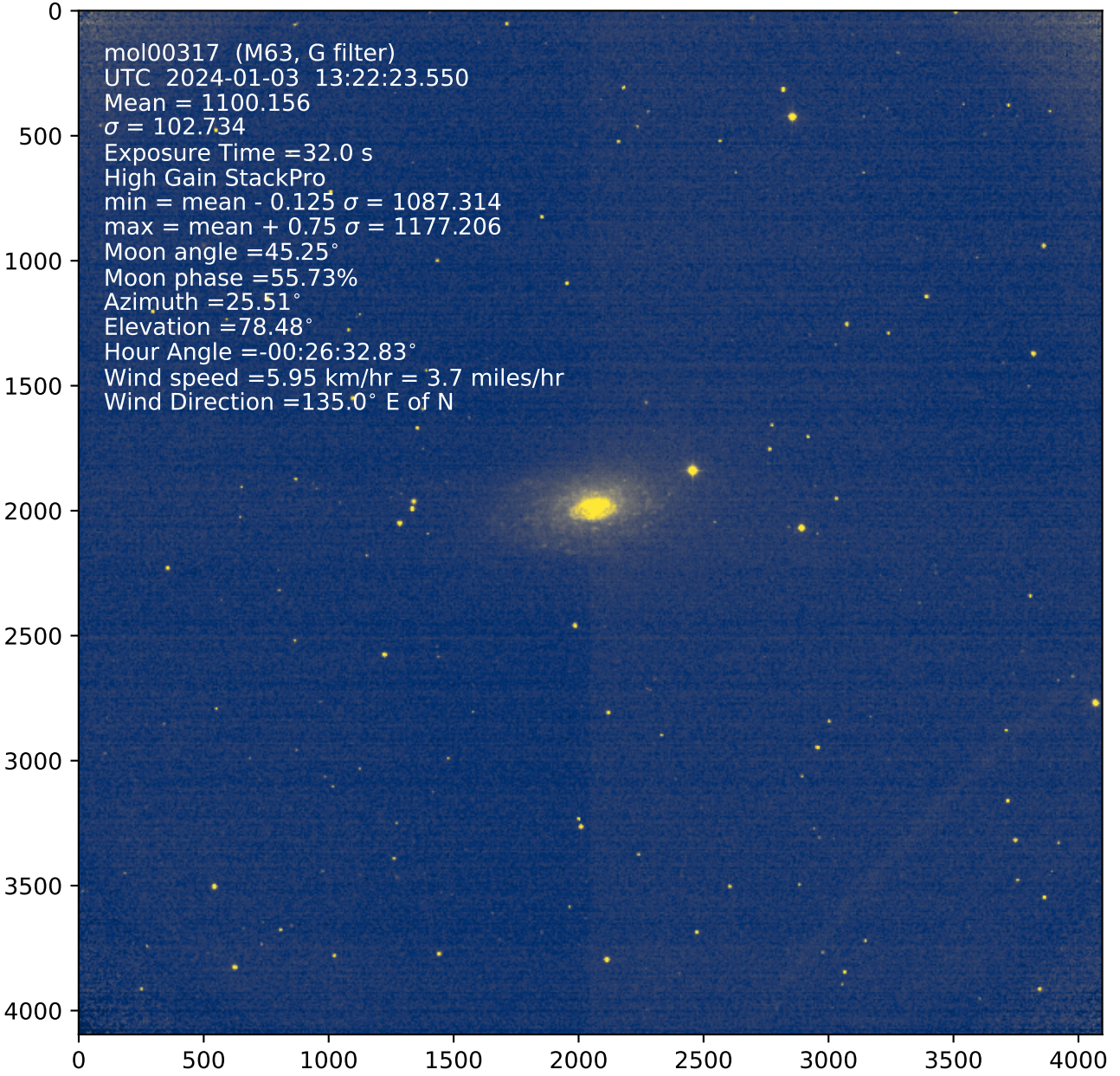
2500
3000
3500
4000


mol00317 (M63, G filter)
UTC 2024-01-03 13:22:23.550
Mean = 1100.156
σ = 102.734
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1087.314
max = mean + 0.75 σ = 1177.206
Moon angle =45.25°
Moon phase =55.73%
Azimuth =25.51°
Elevation =78.48°
Hour Angle =-00:26:32.83°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
500
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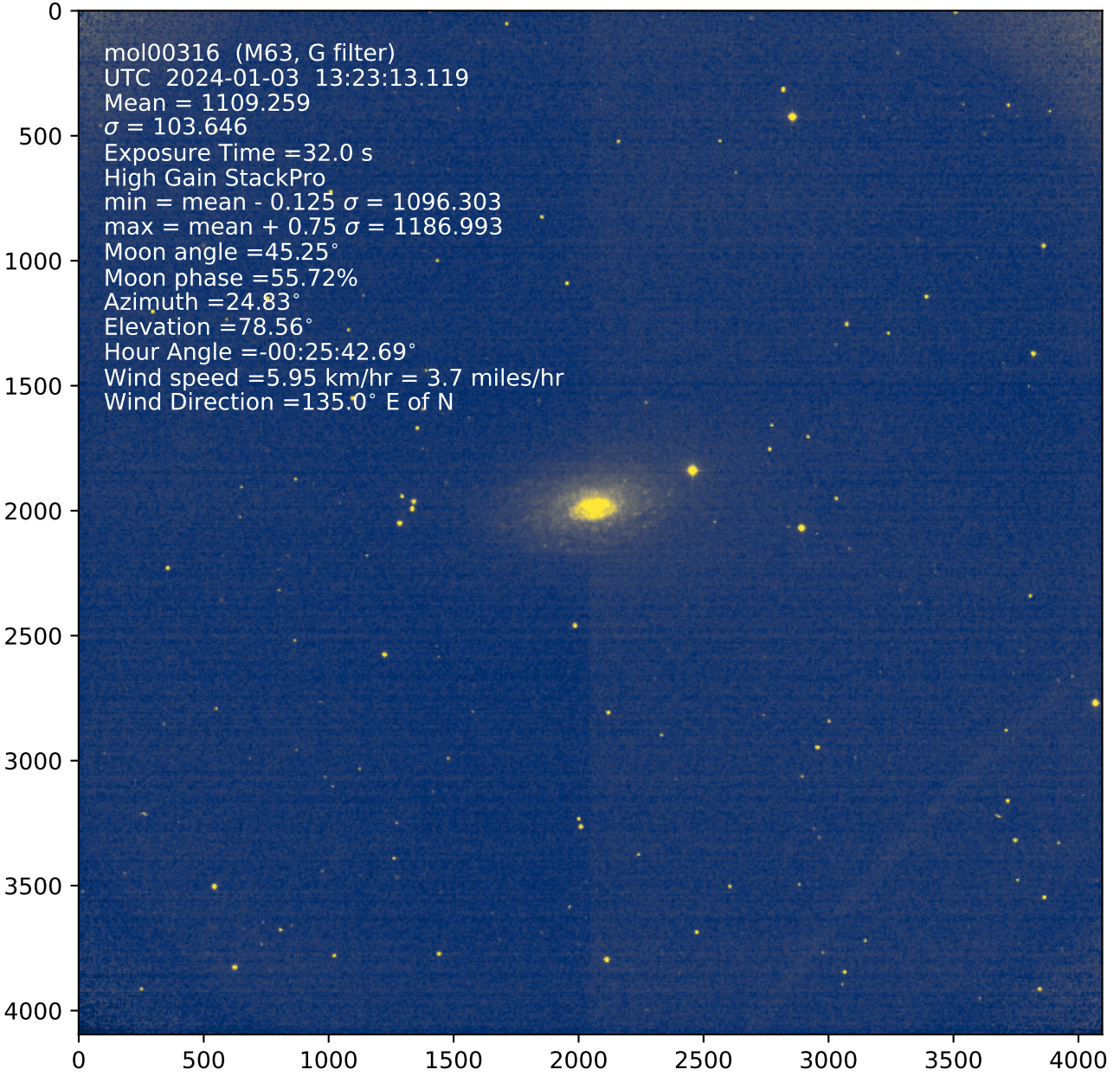
3000
3500
4000


mol00316 (M63, G filter)
UTC 2024-01-03 13:23:13.119
Mean = 1109.259
σ = 103.646
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1096.303
max = mean + 0.75 σ = 1186.993
Moon angle =45.25°
Moon phase =55.72%
Azimuth =24.83°
Elevation =78.56°
Hour Angle =-00:25:42.69°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
500
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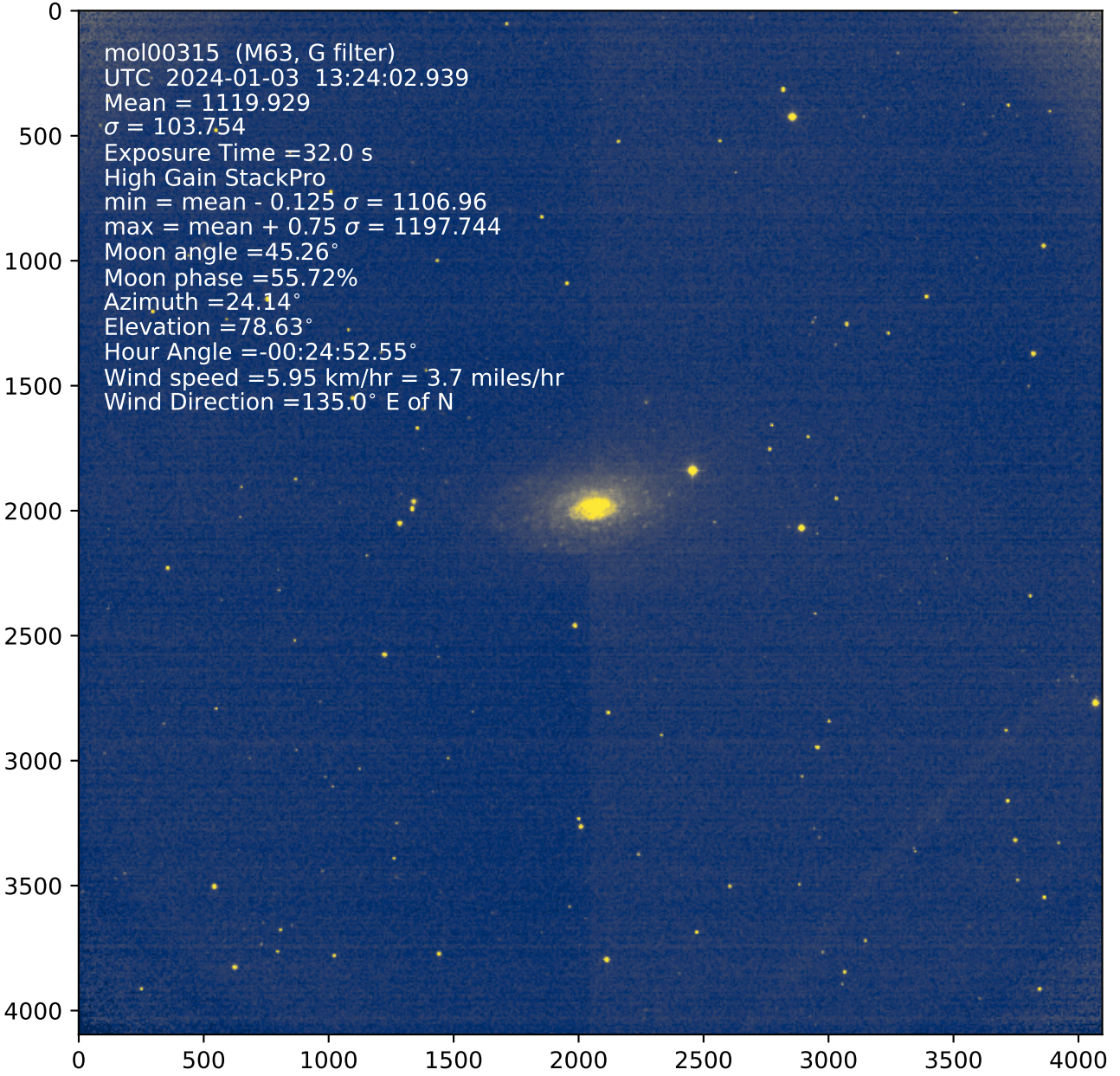
3000
3500
4000


mol00315 (M63, G filter)
UTC 2024-01-03 13:24:02.939
Mean = 1119.929
σ = 103.754
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1106.96
max = mean + 0.75 σ = 1197.744
Moon angle =45.26°
Moon phase =55.72%
Azimuth =24.14°
Elevation =78.63°
Hour Angle =-00:24:52.55°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
500
1000
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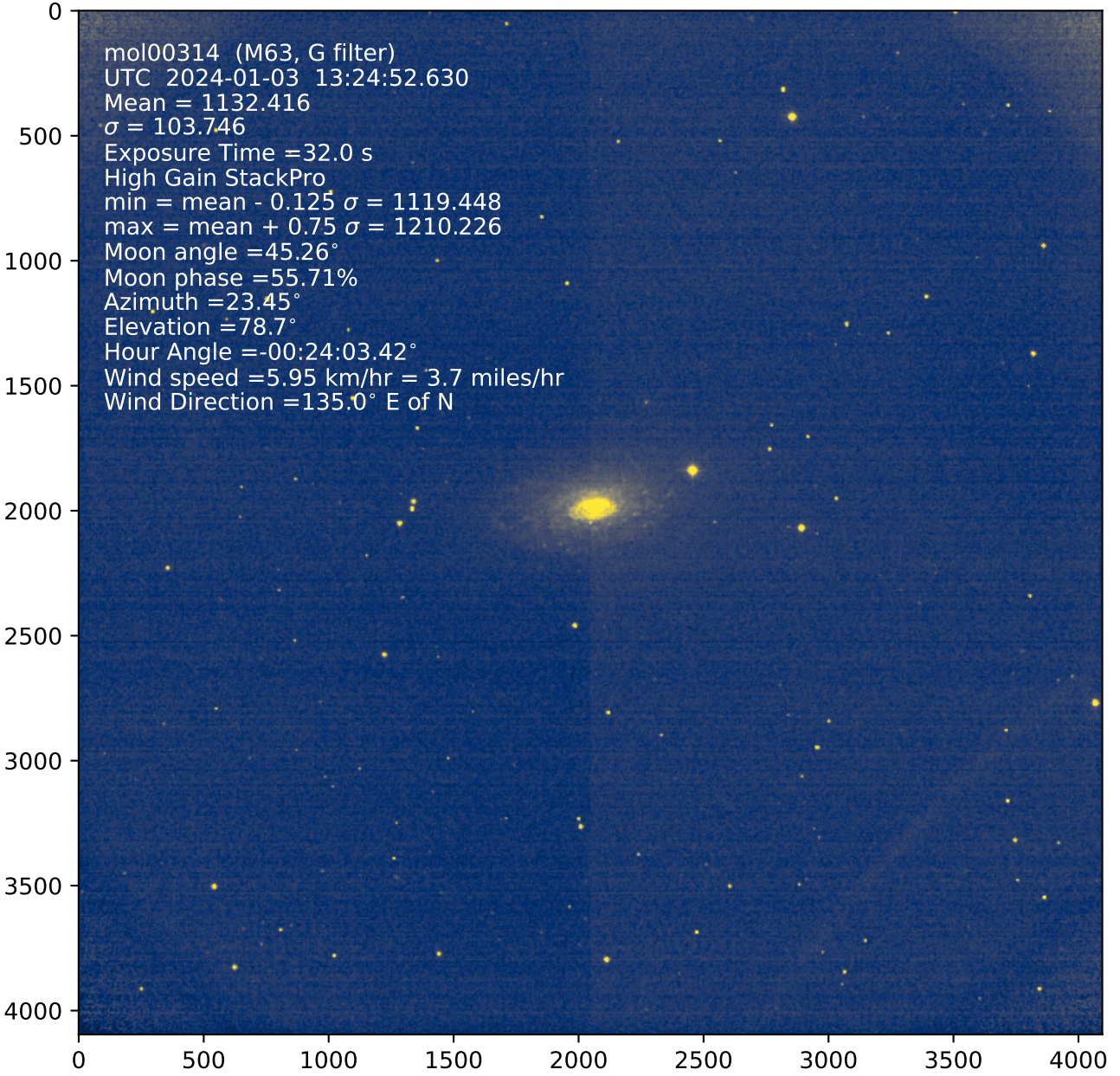
2000
2500
3000
3500
4000


mol00314 (M63, G filter)
UTC 2024-01-03 13:24:52.630
Mean = 1132.416
σ = 103.746
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1119.448
max = mean + 0.75 σ = 1210.226
Moon angle =45.26°
Moon phase =55.71%
Azimuth =23.45°
Elevation =78.7°
Hour Angle =-00:24:03.42°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
500
1000
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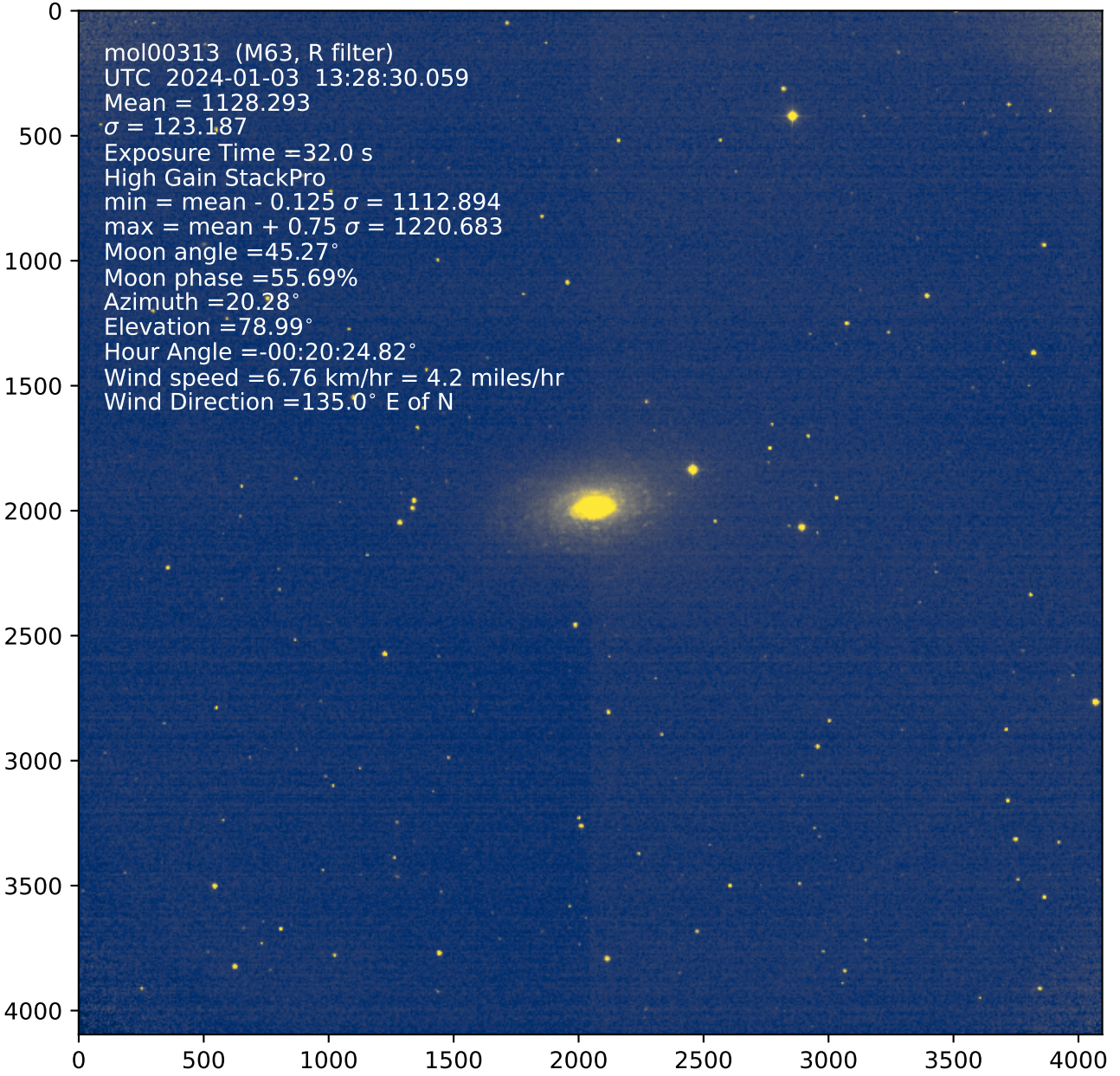
2500
3000
3500
4000


mol00313 (M63, R filter)
UTC 2024-01-03 13:28:30.059
Mean = 1128.293
σ = 123.187
Exposure Time =32.0 s
High Gain StackPro
min = mean - 0.125 σ = 1112.894
max = mean + 0.75 σ = 1220.683
Moon angle =45.27°
Moon phase =55.69%
Azimuth =20.28°
Elevation =78.99°
Hour Angle =-00:20:24.82°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
500
1000
1500
2000
2500
3000
3500
4000