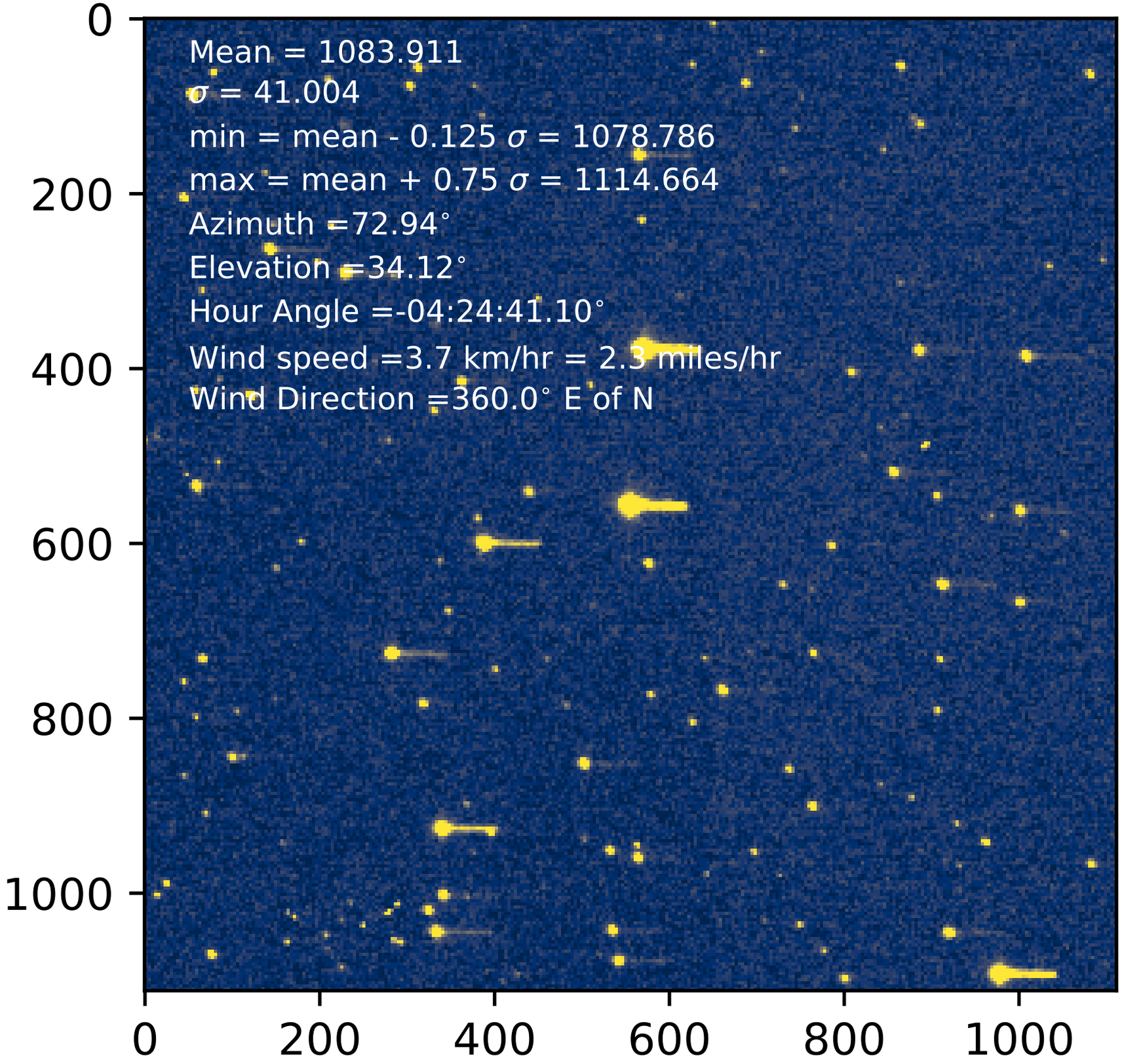
Mean = 1083.911
σ = 41.004
min = mean - 0.125 σ = 1078.786
max = mean + 0.75 σ = 1114.664
Azimuth =72.94°
Elevation =34.12°
Hour Angle =-04:24:41.10°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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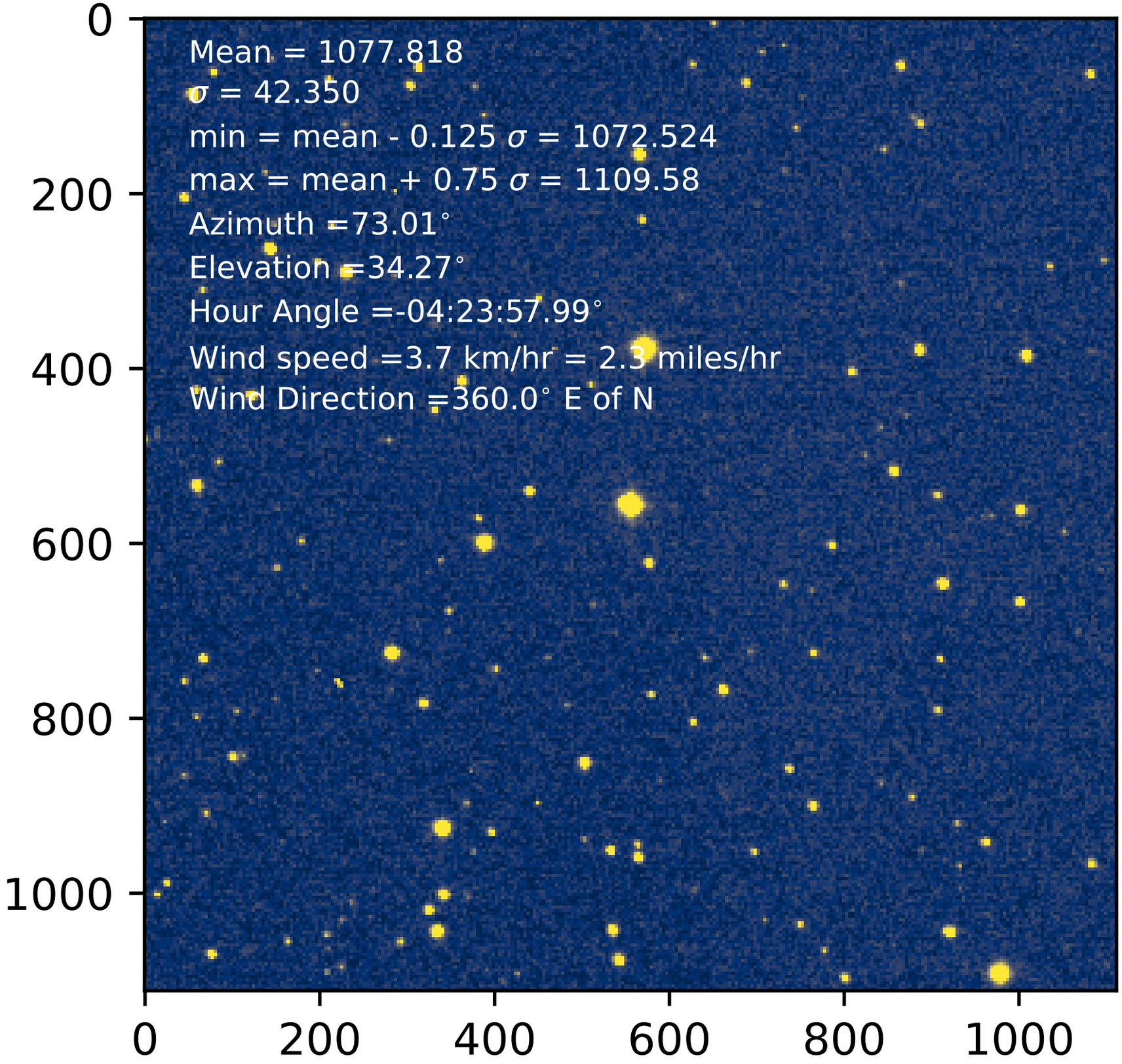
800
1000


Mean = 1077.818
σ = 42.350
min = mean - 0.125 σ = 1072.524
max = mean + 0.75 σ = 1109.58
Azimuth =73.01°
Elevation =34.27°
Hour Angle =-04:23:57.99°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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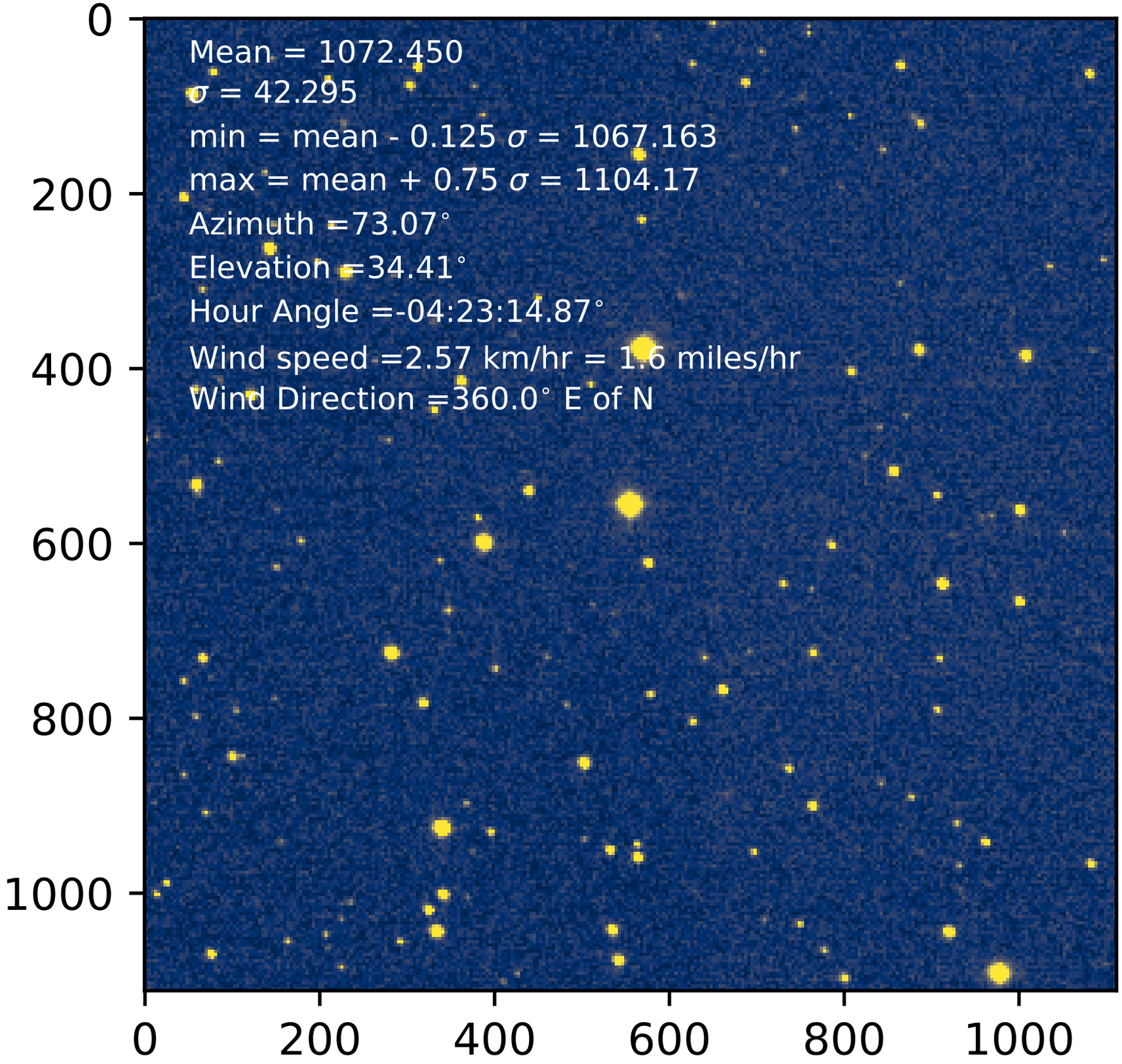
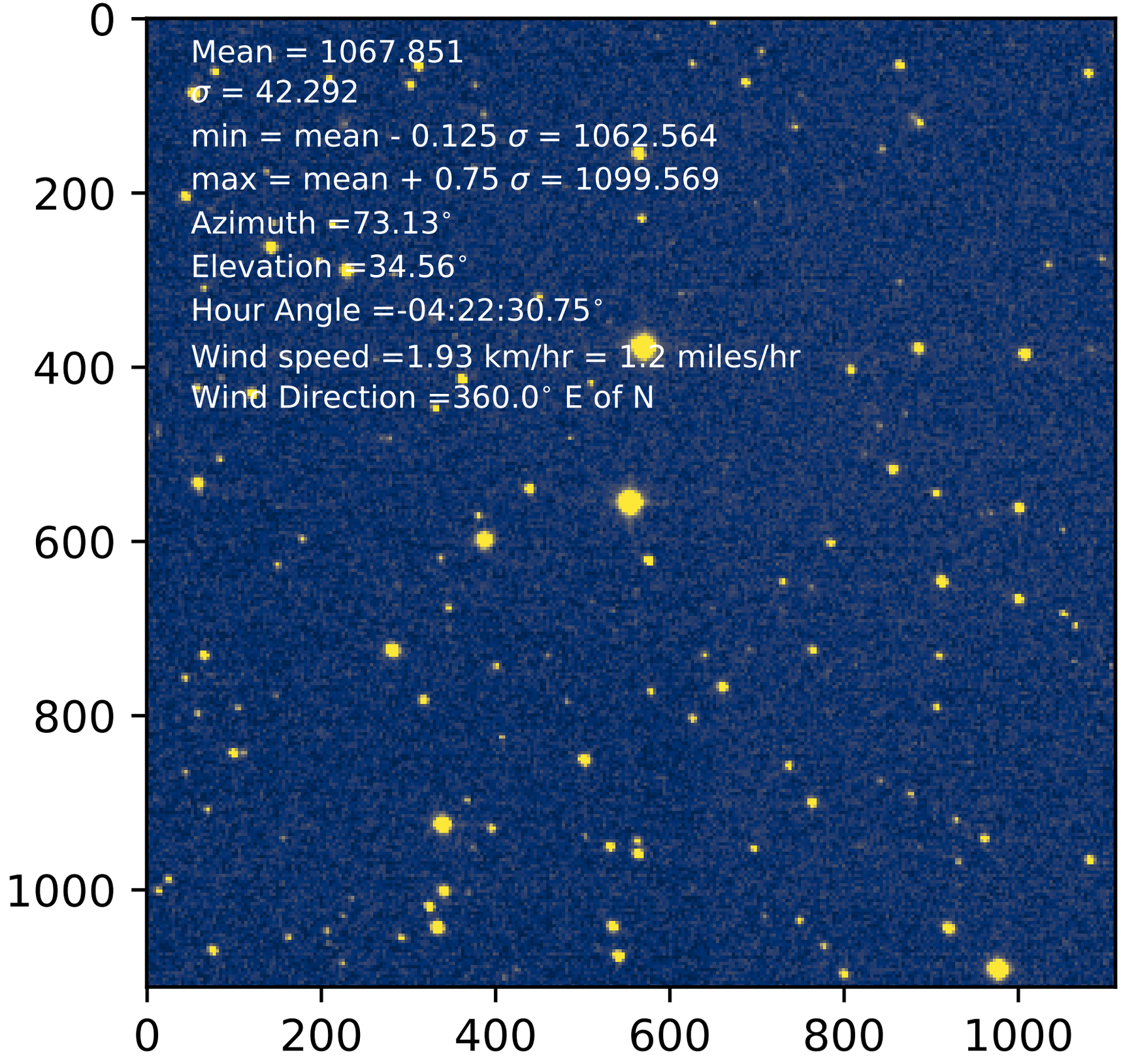
600
800
1000


Mean = 1072.450
σ = 42.295
min = mean - 0.125 σ = 1067.163
max = mean + 0.75 σ = 1104.17
Azimuth =73.07°
Elevation =34.41°
Hour Angle =-04:23:14.87°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1067.851
σ = 42.292
min = mean - 0.125 σ = 1062.564
max = mean + 0.75 σ = 1099.569
Azimuth =73.13°
Elevation =34.56°
Hour Angle =-04:22:30.75°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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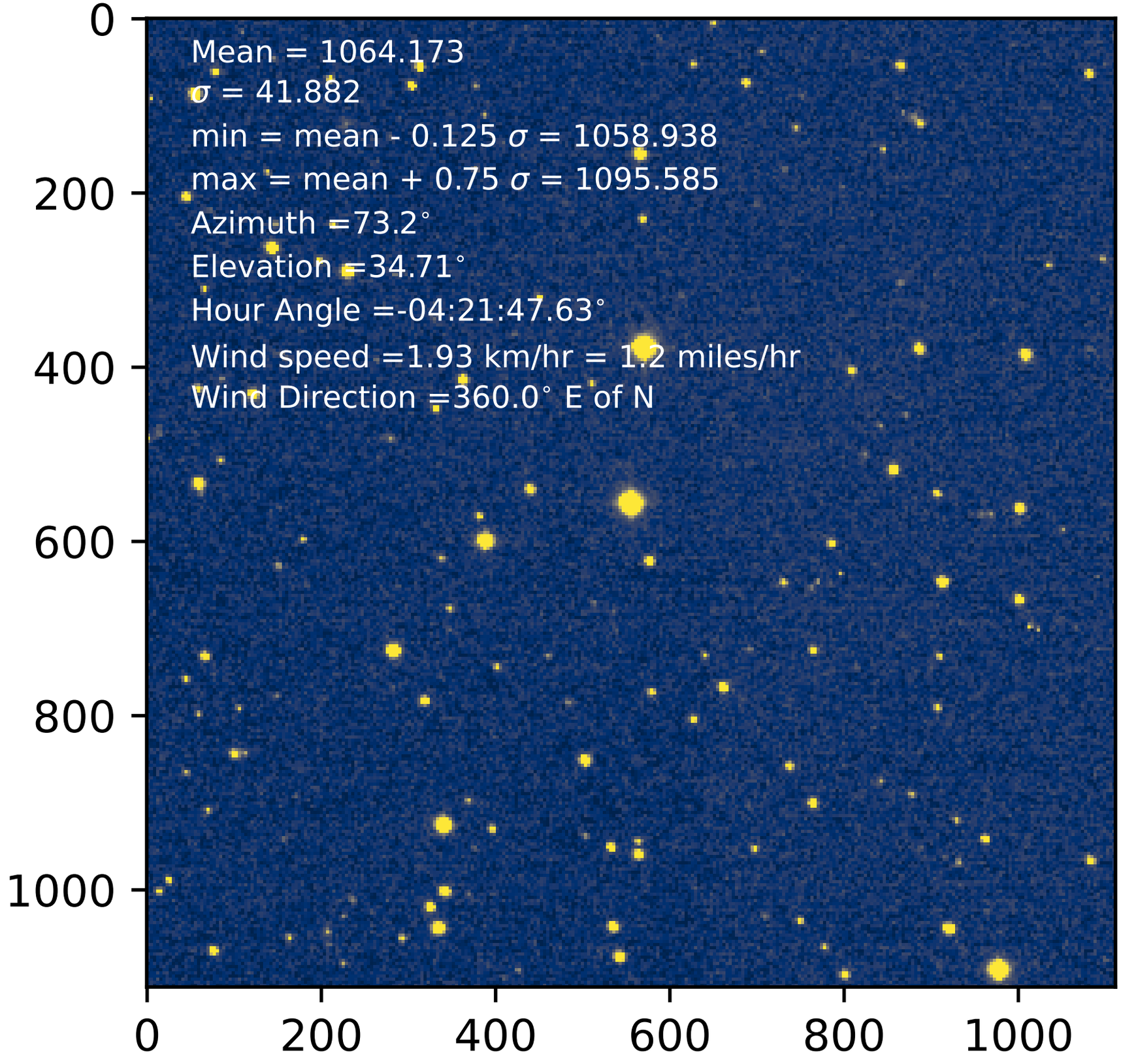
600
800
1000


Mean = 1064.173
σ = 41.882
min = mean - 0.125 σ = 1058.938
max = mean + 0.75 σ = 1095.585
Azimuth =73.2°
Elevation =34.71°
Hour Angle =-04:21:47.63°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
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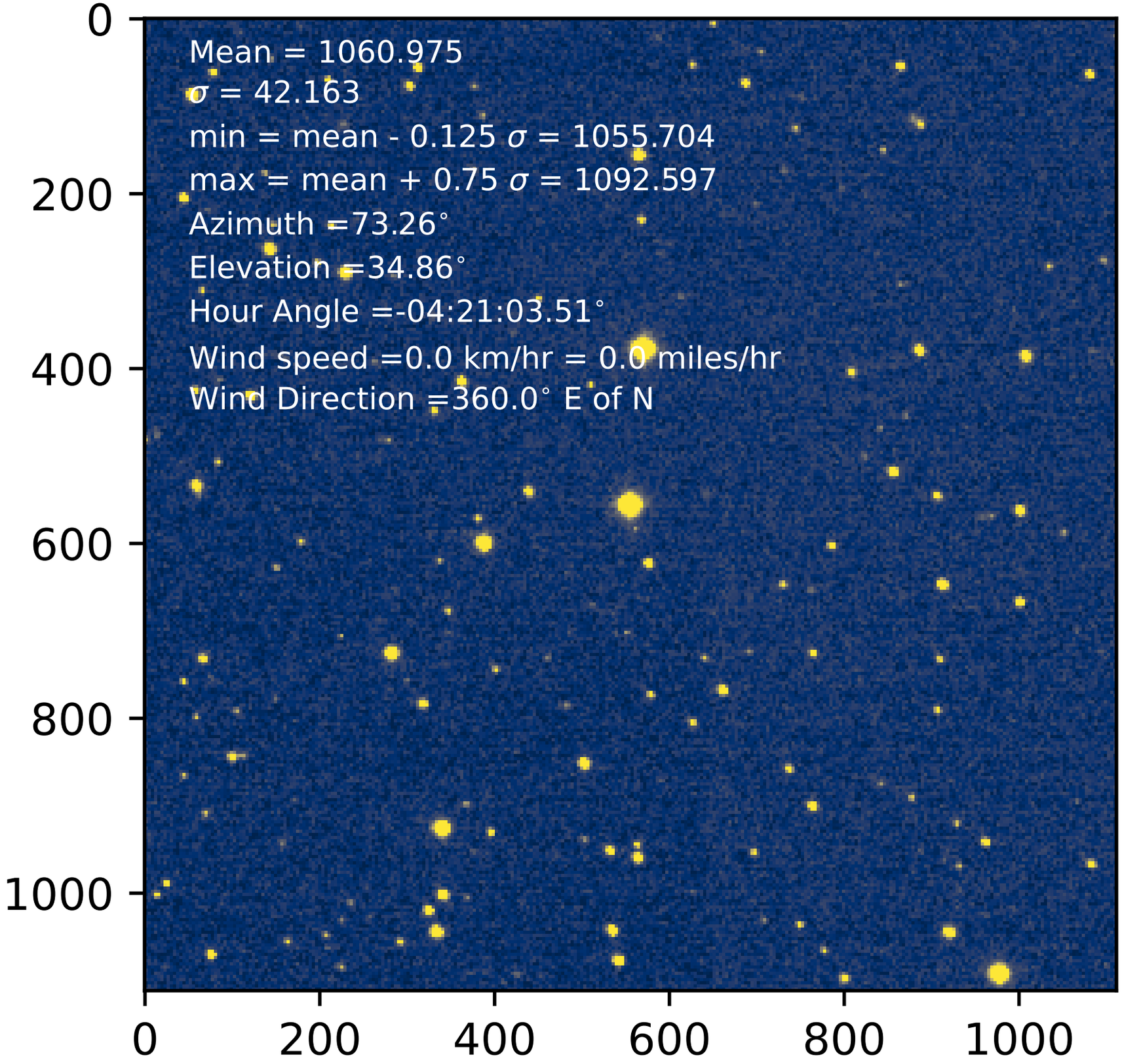
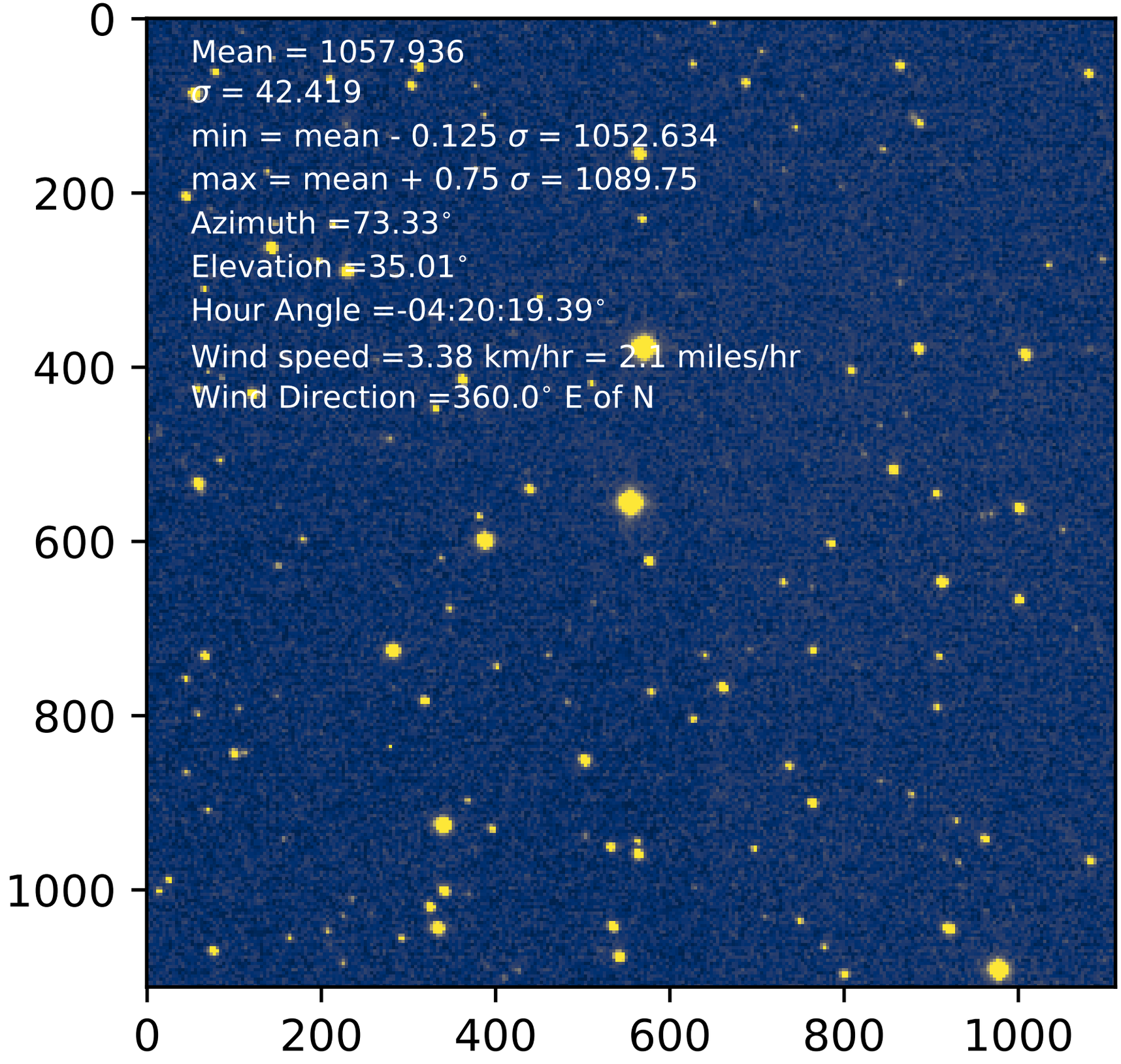
800
1000
0
200
400
600
800
1000


Mean = 1060.975
σ = 42.163
min = mean - 0.125 σ = 1055.704
max = mean + 0.75 σ = 1092.597
Azimuth =73.26°
Elevation =34.86°
Hour Angle =-04:21:03.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1057.936
σ = 42.419
min = mean - 0.125 σ = 1052.634
max = mean + 0.75 σ = 1089.75
Azimuth =73.33°
Elevation =35.01°
Hour Angle =-04:20:19.39°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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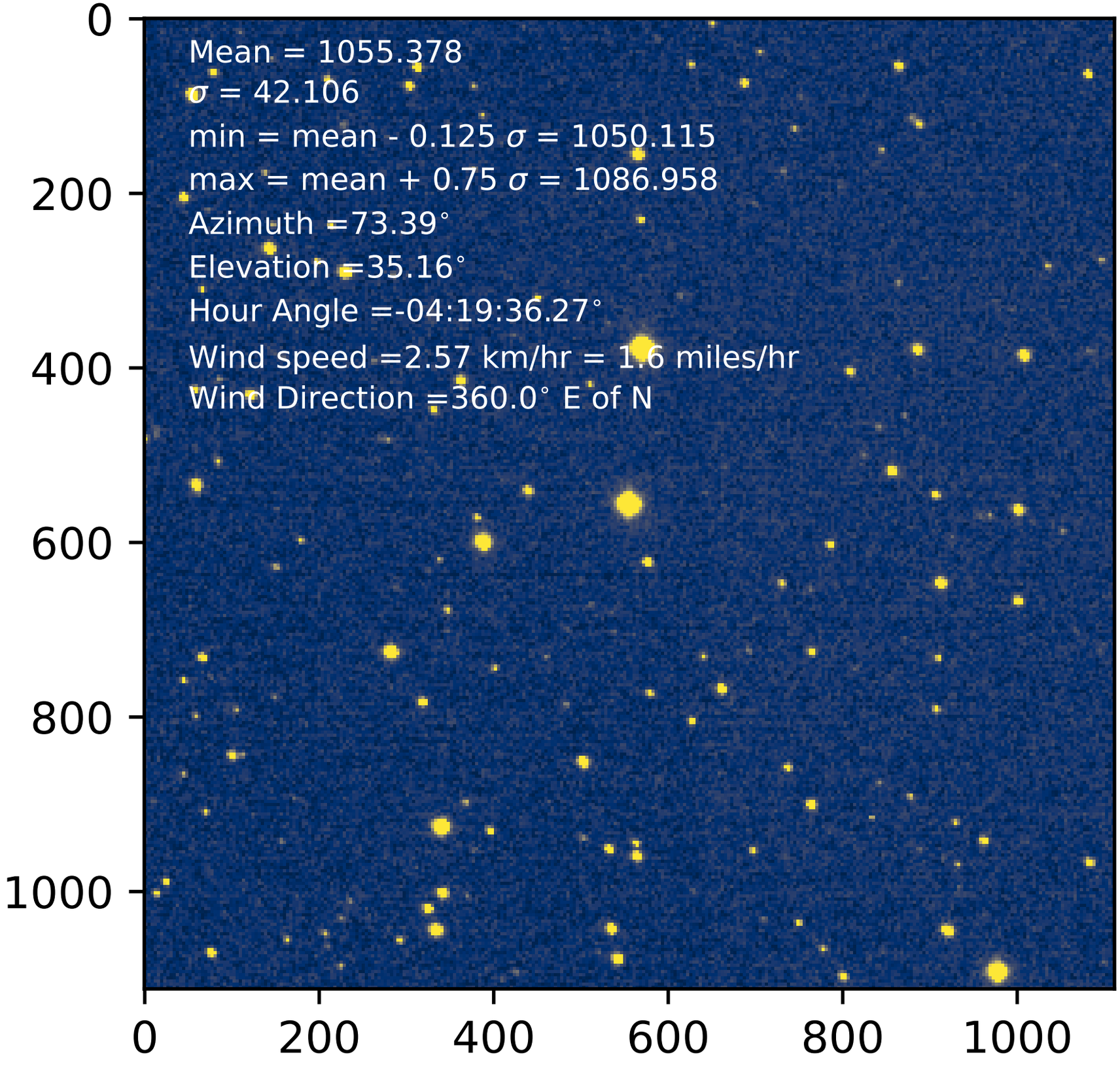
600
800
1000


Mean = 1055.378
σ = 42.106
min = mean - 0.125 σ = 1050.115
max = mean + 0.75 σ = 1086.958
Azimuth =73.39°
Elevation =35.16°
Hour Angle =-04:19:36.27°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
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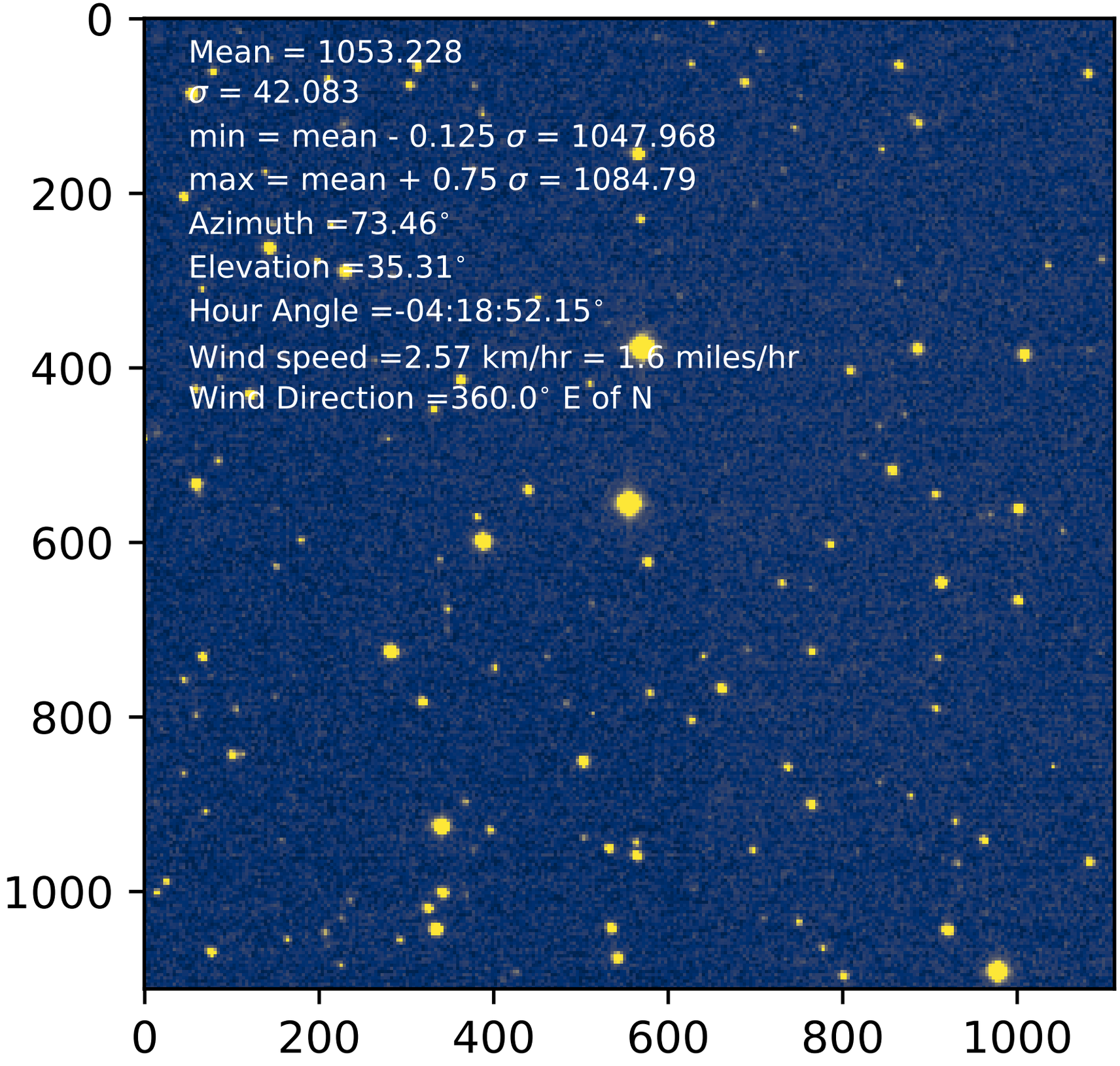
600
800
1000


Mean = 1053.228
σ = 42.083
min = mean - 0.125 σ = 1047.968
max = mean + 0.75 σ = 1084.79
Azimuth =73.46°
Elevation =35.31°
Hour Angle =-04:18:52.15°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
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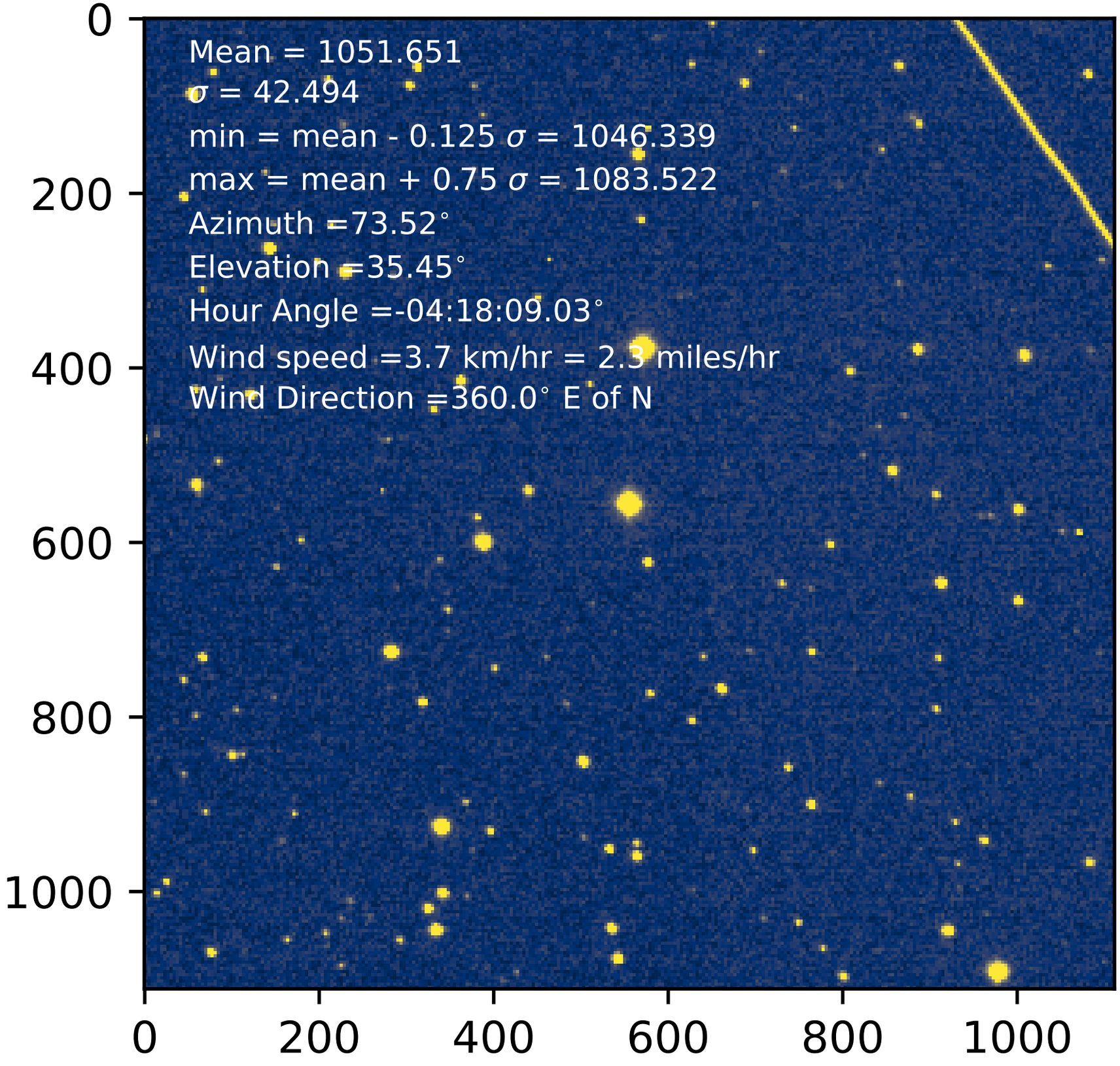
800
1000
0
200
400
600
800
1000


Mean = 1051.651
σ = 42.494
min = mean - 0.125 σ = 1046.339
max = mean + 0.75 σ = 1083.522
Azimuth =73.52°
Elevation =35.45°
Hour Angle =-04:18:09.03°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
200
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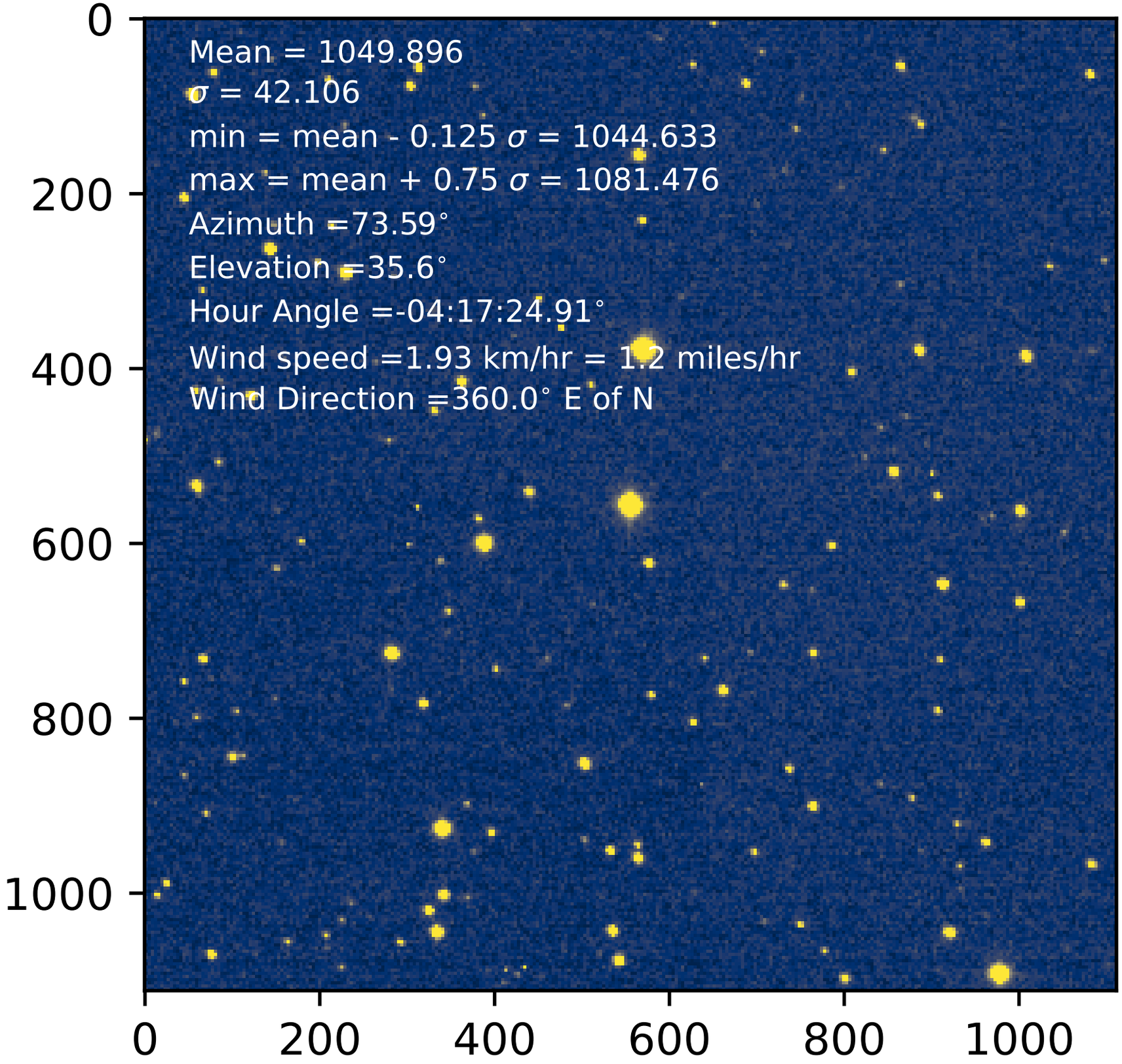
600
800
1000


Mean = 1049.896
σ = 42.106
min = mean - 0.125 σ = 1044.633
max = mean + 0.75 σ = 1081.476
Azimuth =73.59°
Elevation =35.6°
Hour Angle =-04:17:24.91°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
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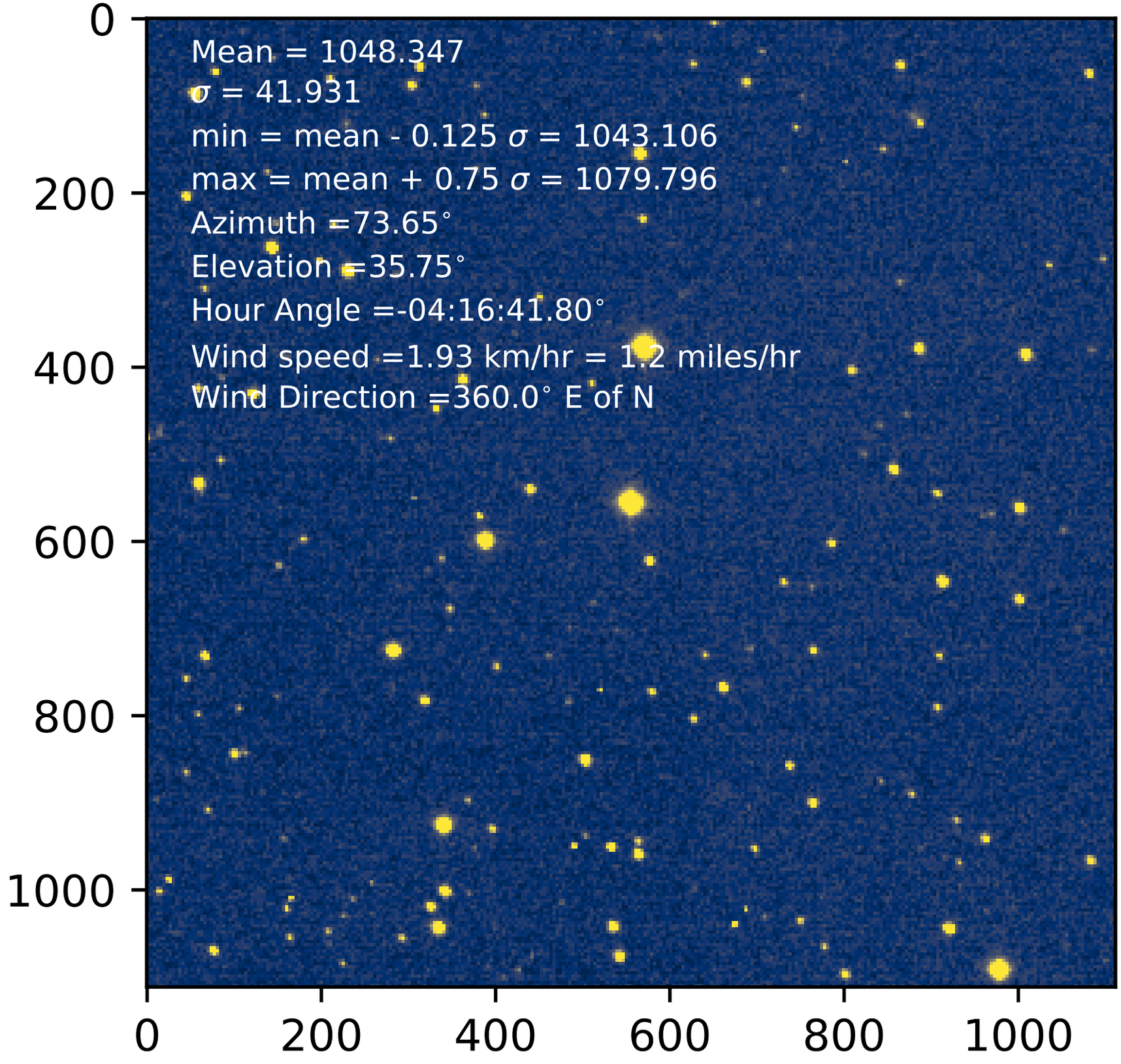
800
1000
0
200
400
600
800
1000


Mean = 1048.347
σ = 41.931
min = mean - 0.125 σ = 1043.106
max = mean + 0.75 σ = 1079.796
Azimuth =73.65°
Elevation =35.75°
Hour Angle =-04:16:41.80°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
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1000
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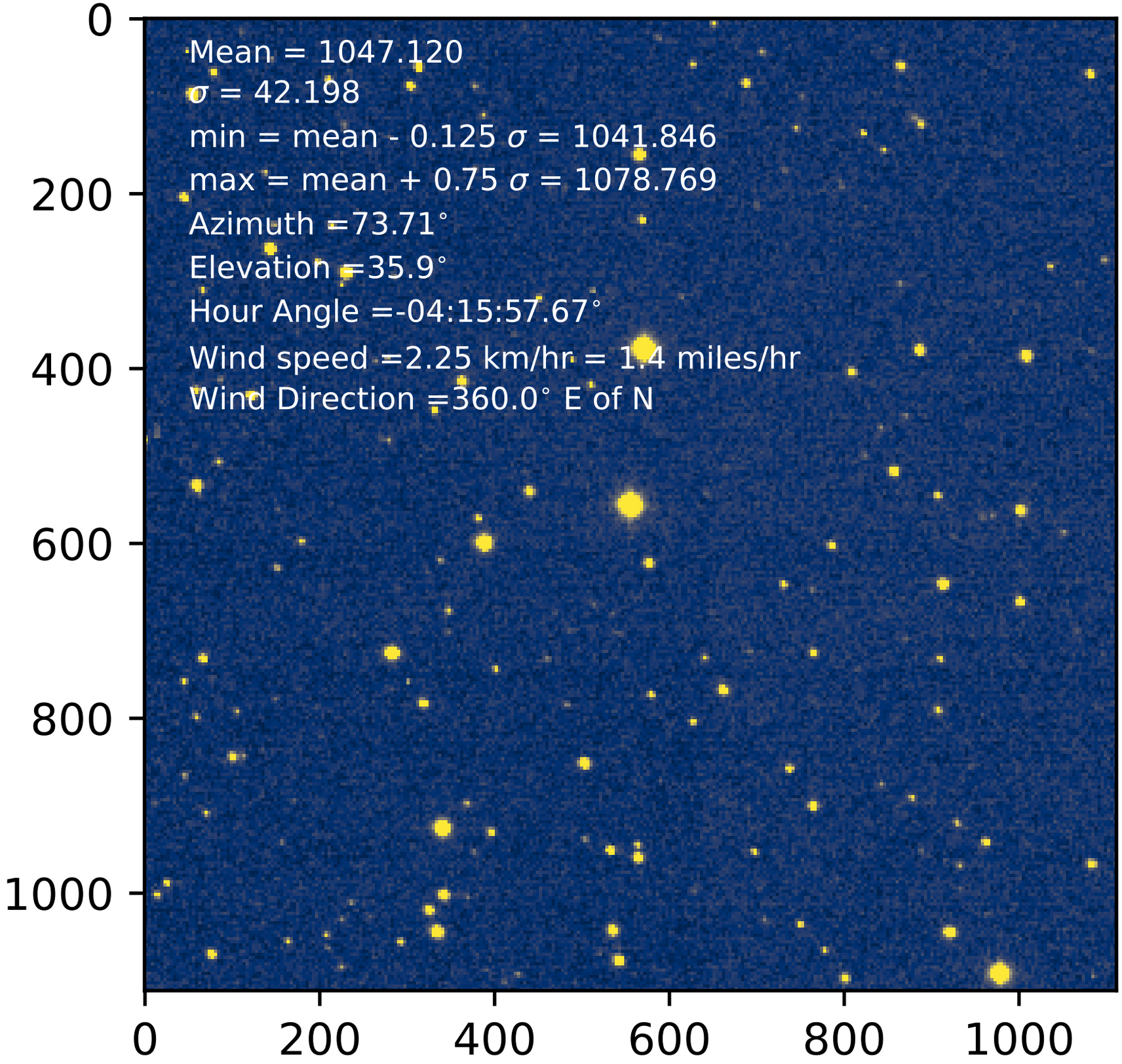
Mean = 1047.120
σ = 42.198
min = mean - 0.125 σ = 1041.846
max = mean + 0.75 σ = 1078.769
Azimuth =73.71°
Elevation =35.9°
Hour Angle =-04:15:57.67°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
200
400
600
800
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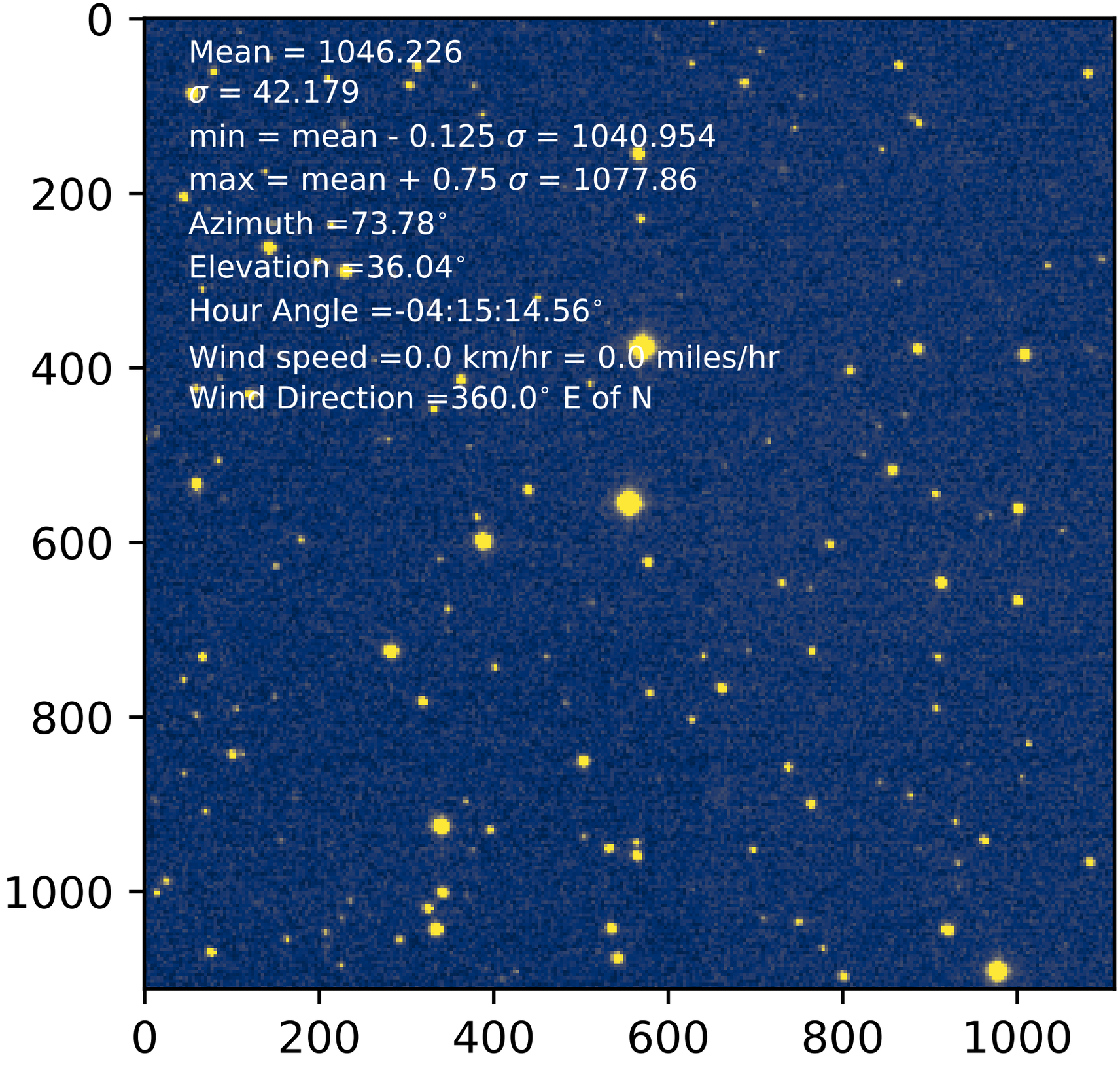
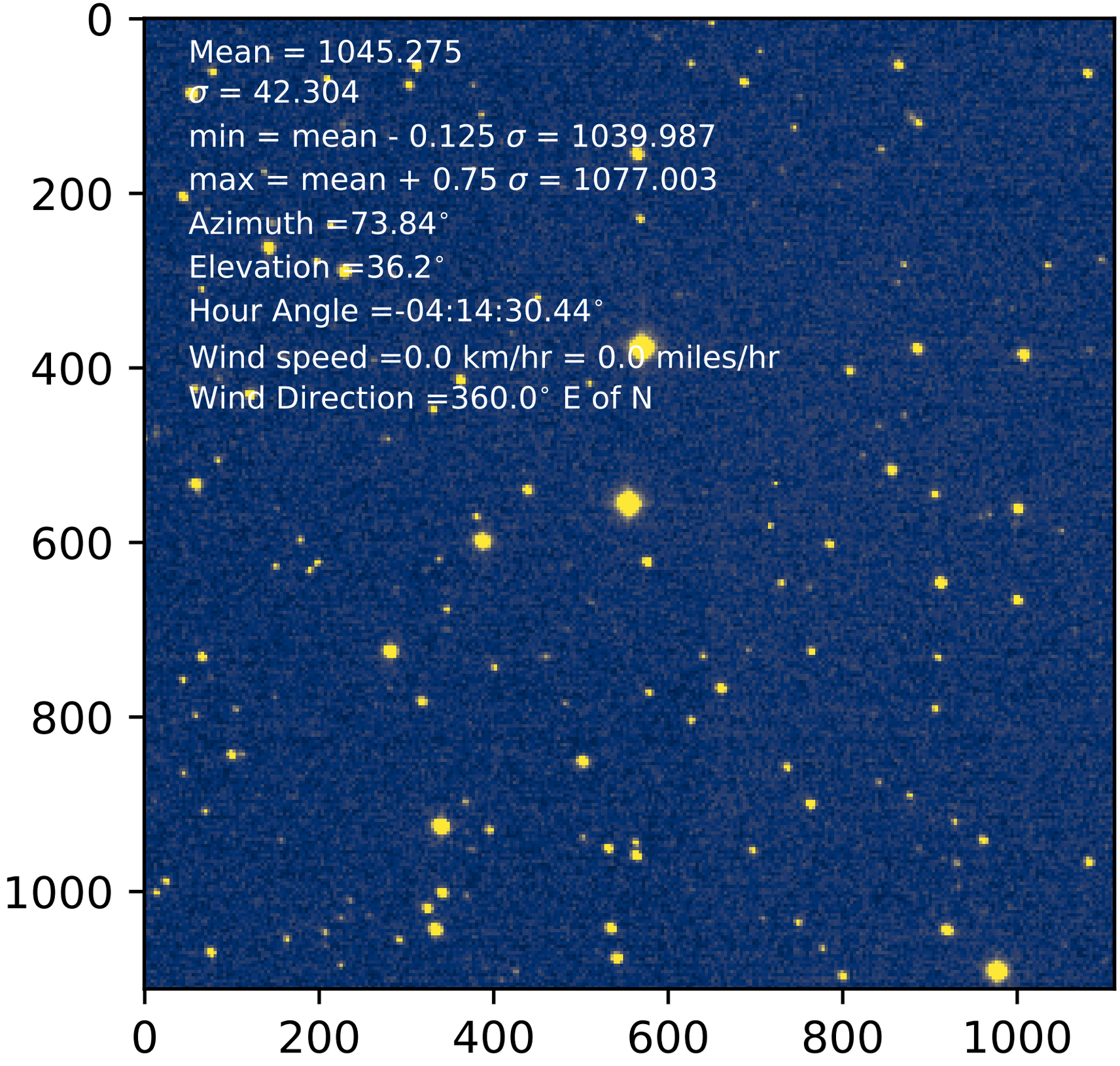
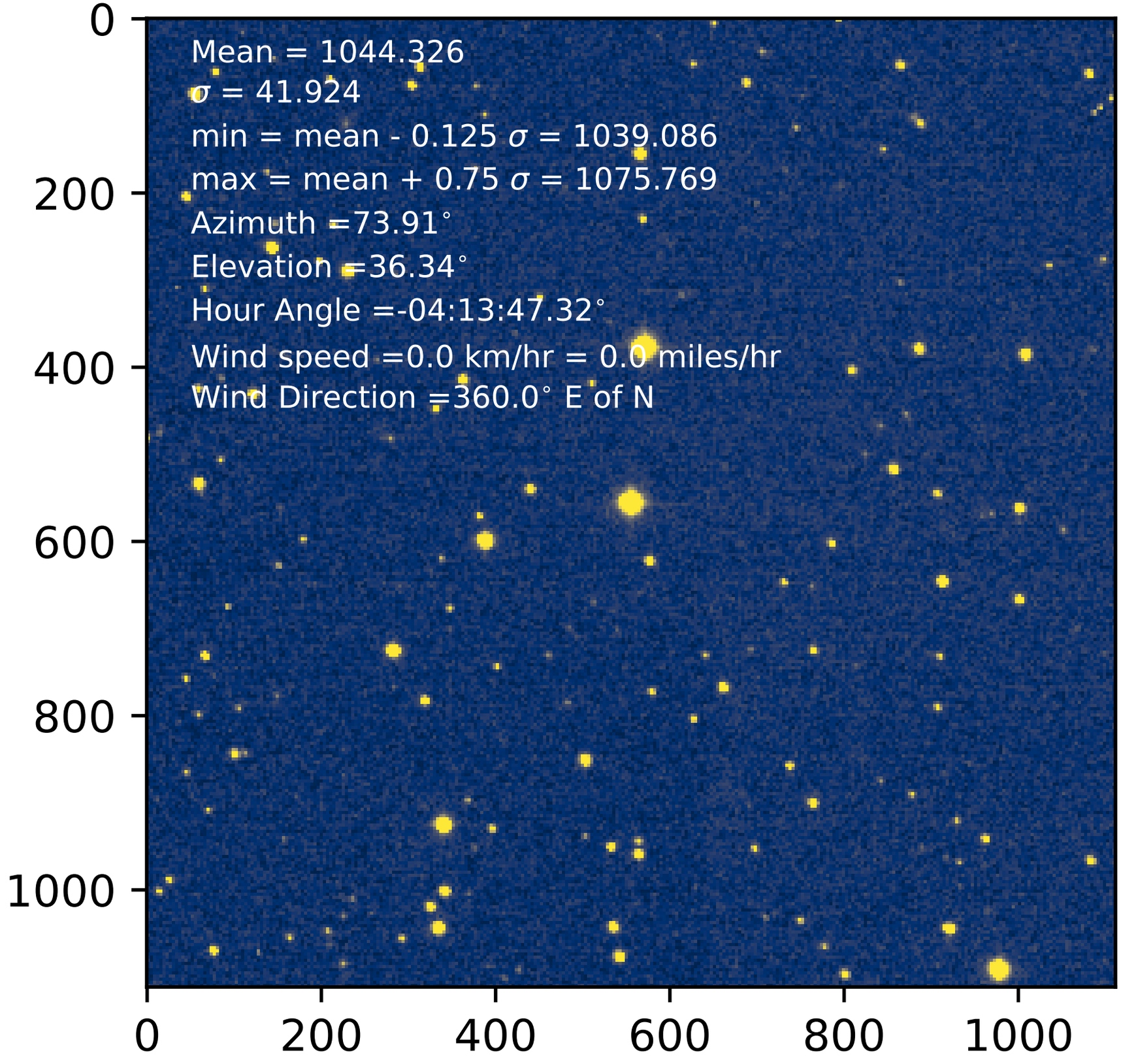
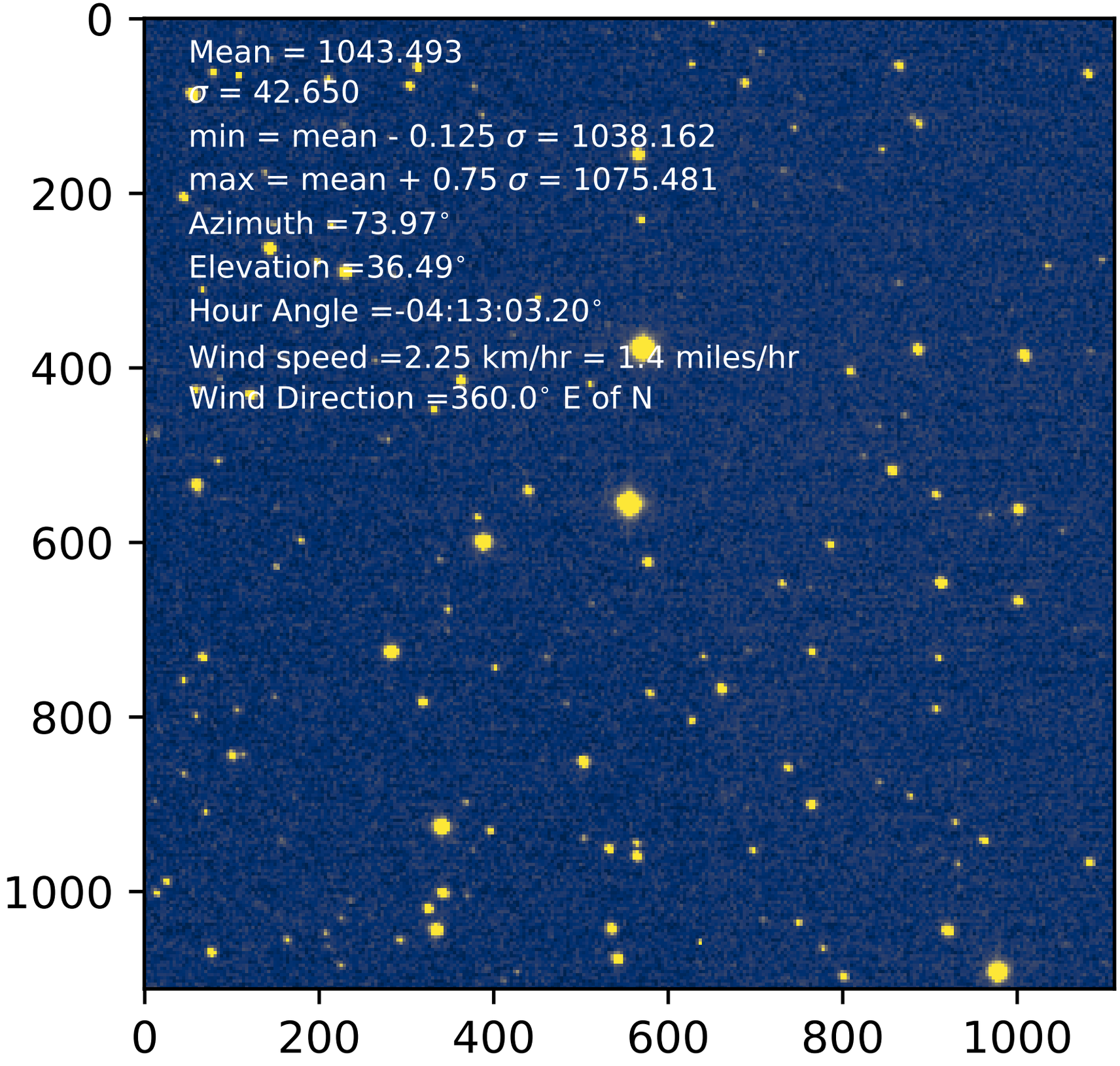
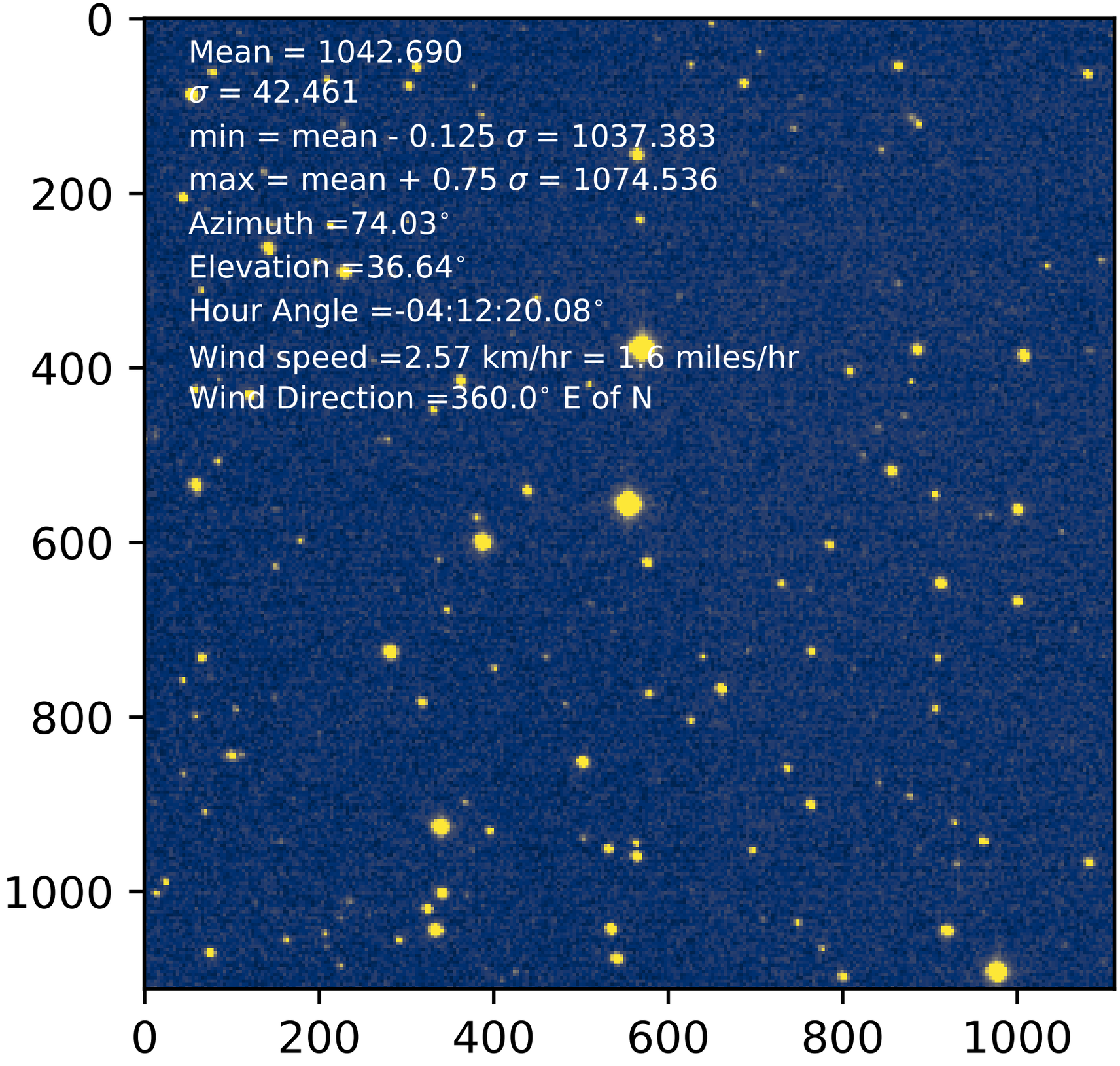
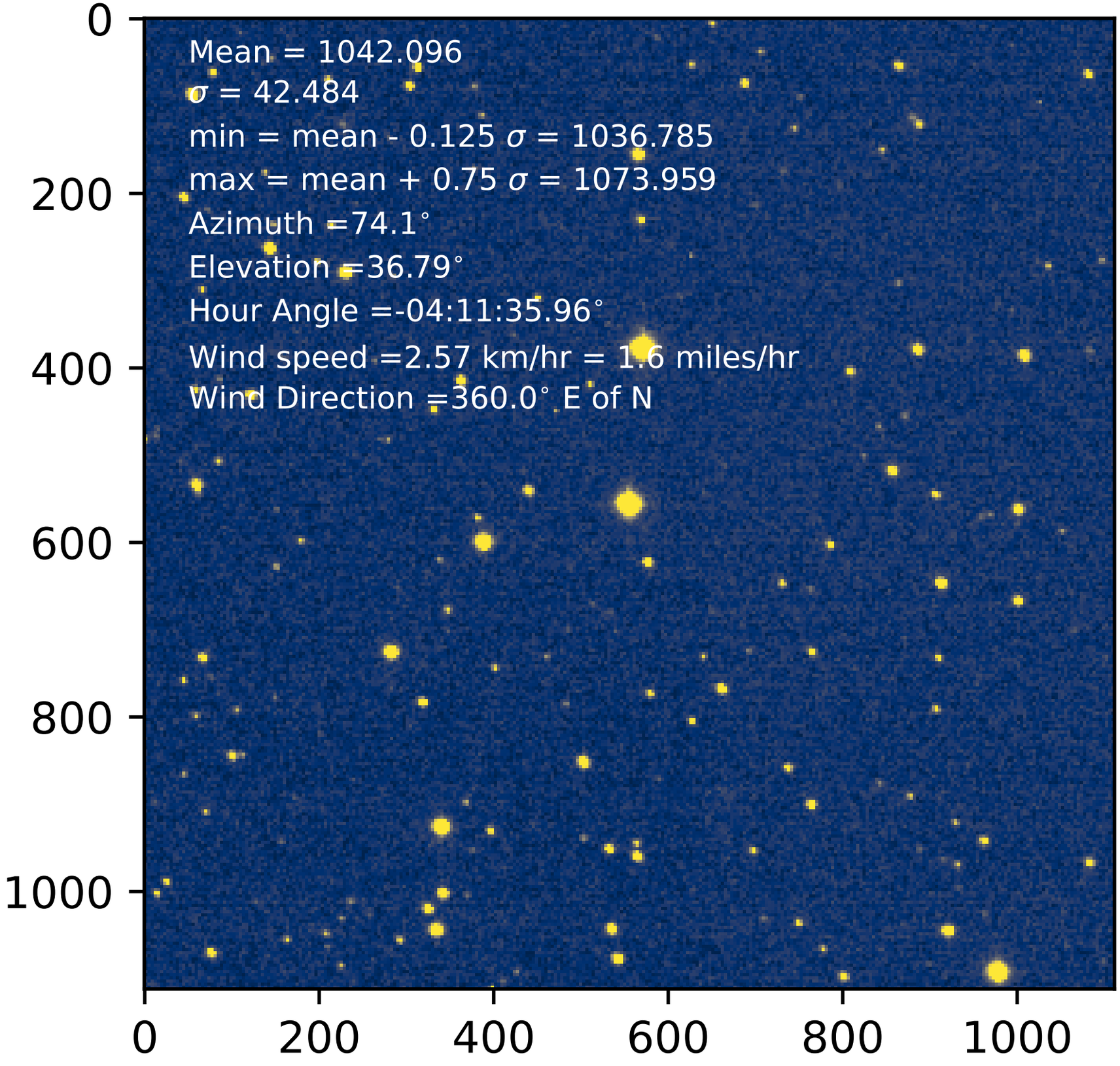

Mean = 1046.226
σ = 42.179
min = mean - 0.125 σ = 1040.954
max = mean + 0.75 σ = 1077.86
Azimuth =73.78°
Elevation =36.04°
Hour Angle =-04:15:14.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

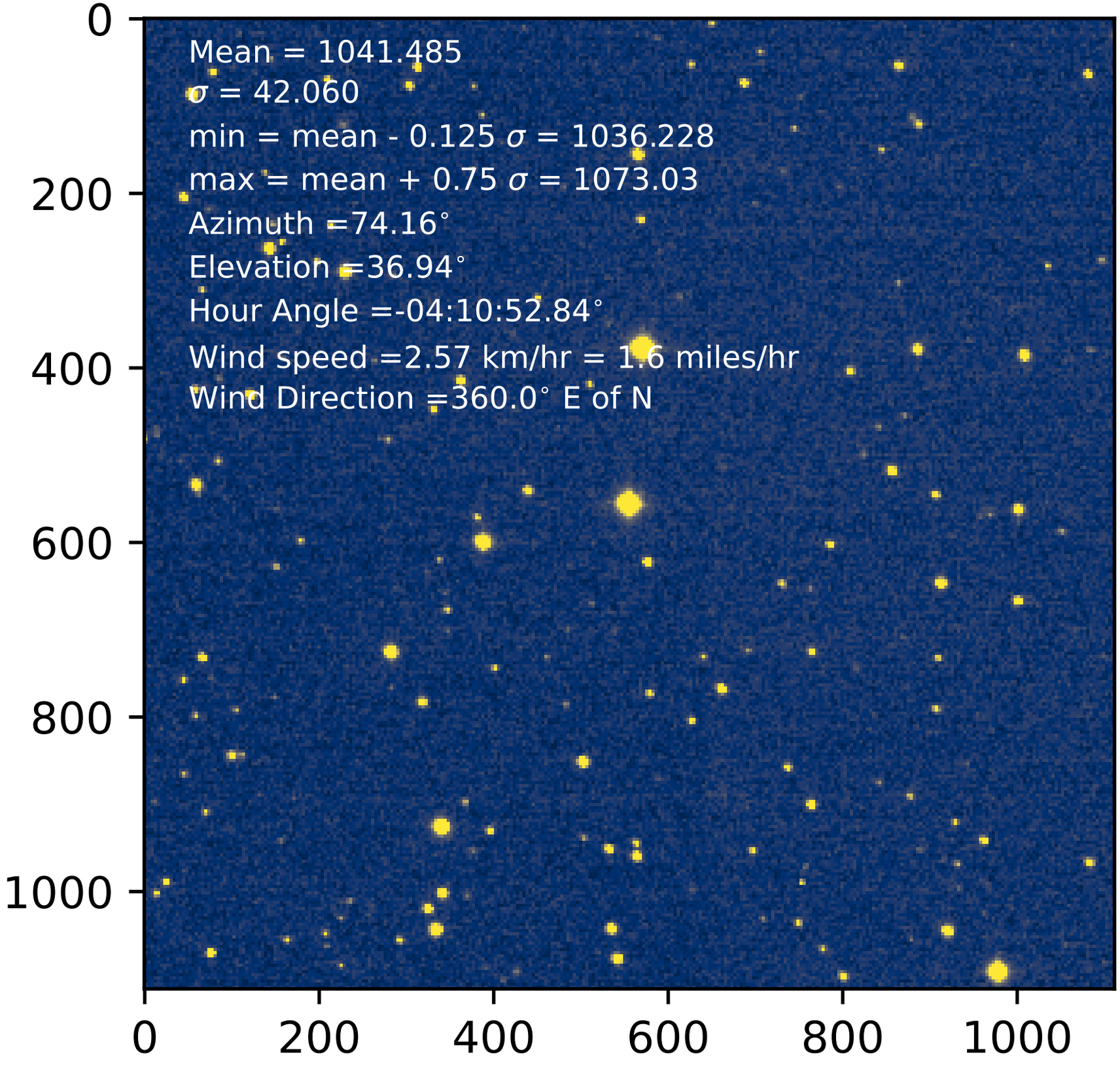

Mean = 1045.275
σ = 42.304
min = mean - 0.125 σ = 1039.987
max = mean + 0.75 σ = 1077.003
Azimuth =73.84°
Elevation =36.2°
Hour Angle =-04:14:30.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

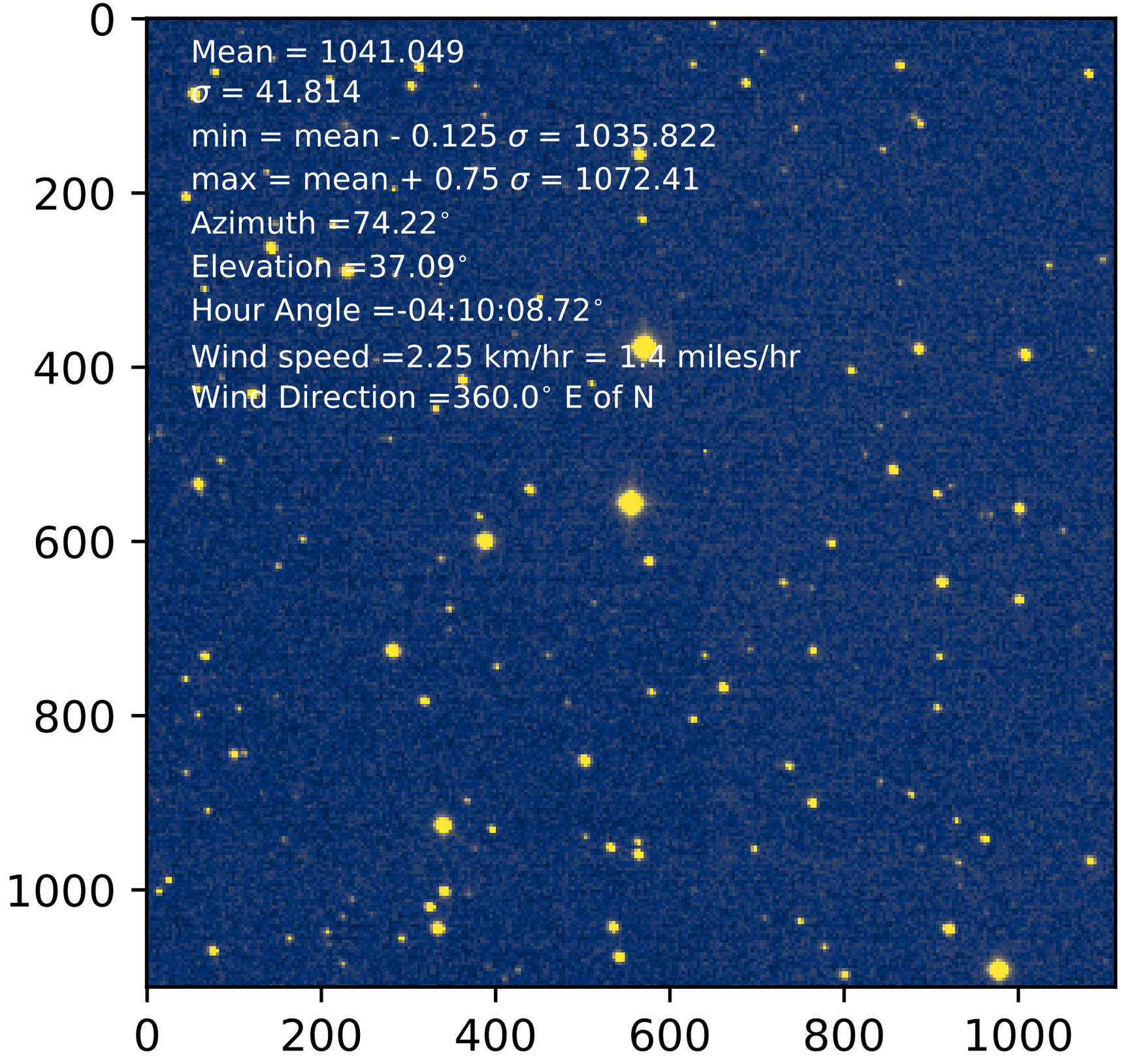

Mean = 1044.326
σ = 41.924
min = mean - 0.125 σ = 1039.086
max = mean + 0.75 σ = 1075.769
Azimuth =73.91°
Elevation =36.34°
Hour Angle =-04:13:47.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

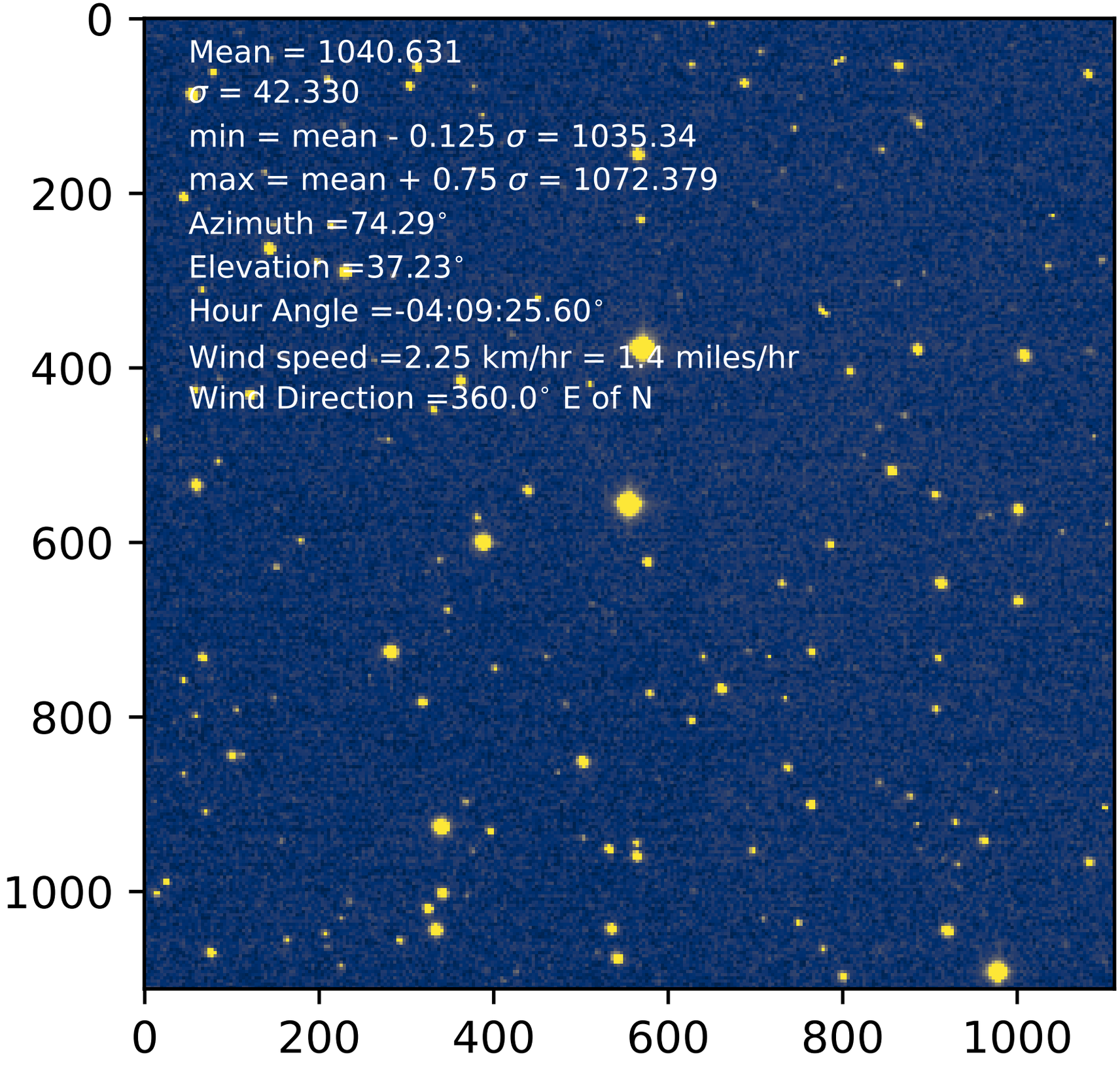

Mean = 1043.493
σ = 42.650
min = mean - 0.125 σ = 1038.162
max = mean + 0.75 σ = 1075.481
Azimuth =73.97°
Elevation =36.49°
Hour Angle =-04:13:03.20°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

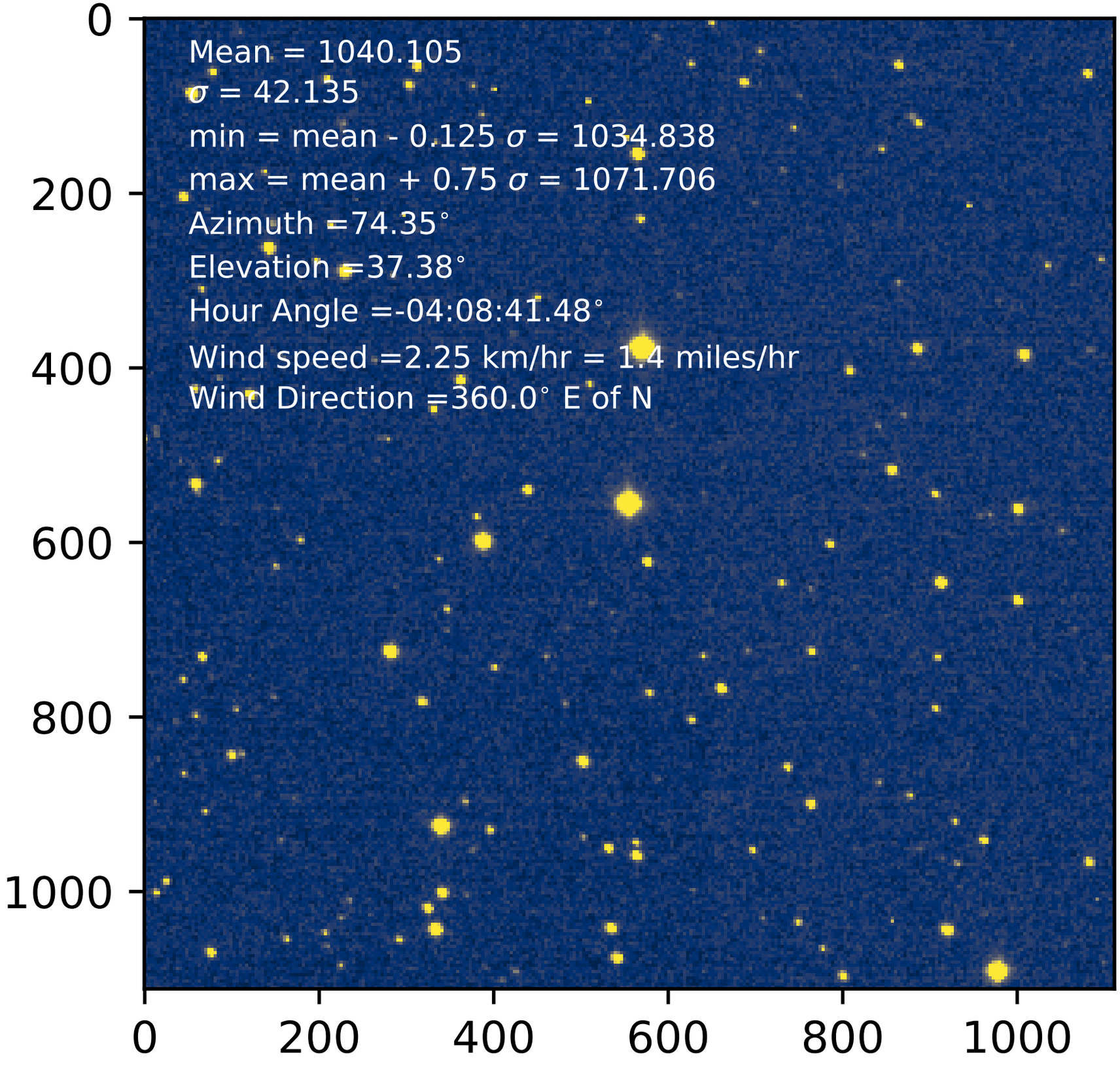

Mean = 1042.690
σ = 42.461
min = mean - 0.125 σ = 1037.383
max = mean + 0.75 σ = 1074.536
Azimuth =74.03°
Elevation =36.64°
Hour Angle =-04:12:20.08°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1042.096
σ = 42.484
min = mean - 0.125 σ = 1036.785
max = mean + 0.75 σ = 1073.959
Azimuth =74.1°
Elevation =36.79°
Hour Angle =-04:11:35.96°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1041.485
σ = 42.060
min = mean - 0.125 σ = 1036.228
max = mean + 0.75 σ = 1073.03
Azimuth =74.16°
Elevation =36.94°
Hour Angle =-04:10:52.84°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1041.049
σ = 41.814
min = mean - 0.125 σ = 1035.822
max = mean + 0.75 σ = 1072.41
Azimuth =74.22°
Elevation =37.09°
Hour Angle =-04:10:08.72°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1040.631
σ = 42.330
min = mean - 0.125 σ = 1035.34
max = mean + 0.75 σ = 1072.379
Azimuth =74.29°
Elevation =37.23°
Hour Angle =-04:09:25.60°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1040.105
σ = 42.135
min = mean - 0.125 σ = 1034.838
max = mean + 0.75 σ = 1071.706
Azimuth =74.35°
Elevation =37.38°
Hour Angle =-04:08:41.48°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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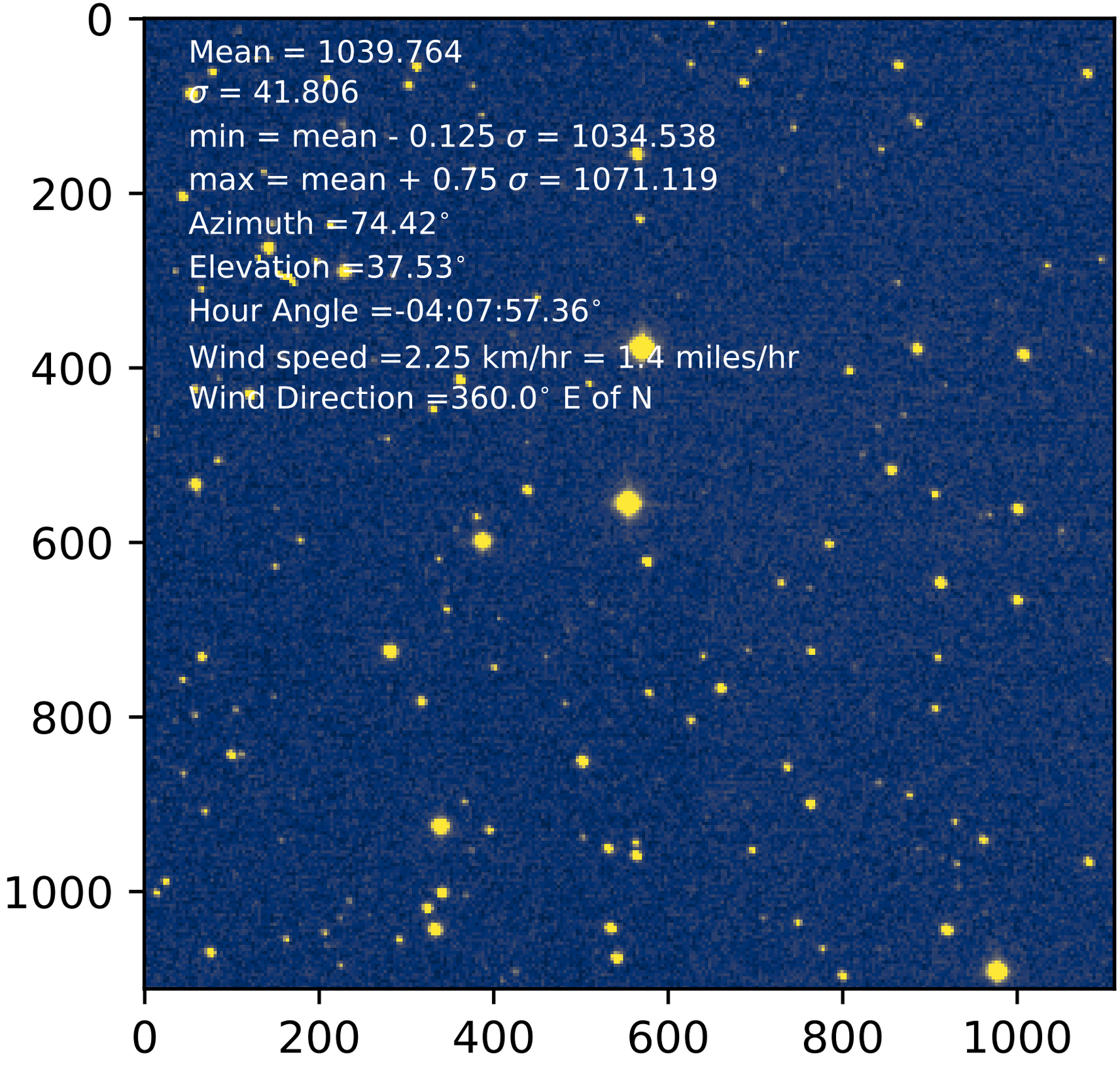
600
800
1000


Mean = 1039.764
σ = 41.806
min = mean - 0.125 σ = 1034.538
max = mean + 0.75 σ = 1071.119
Azimuth =74.42°
Elevation =37.53°
Hour Angle =-04:07:57.36°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
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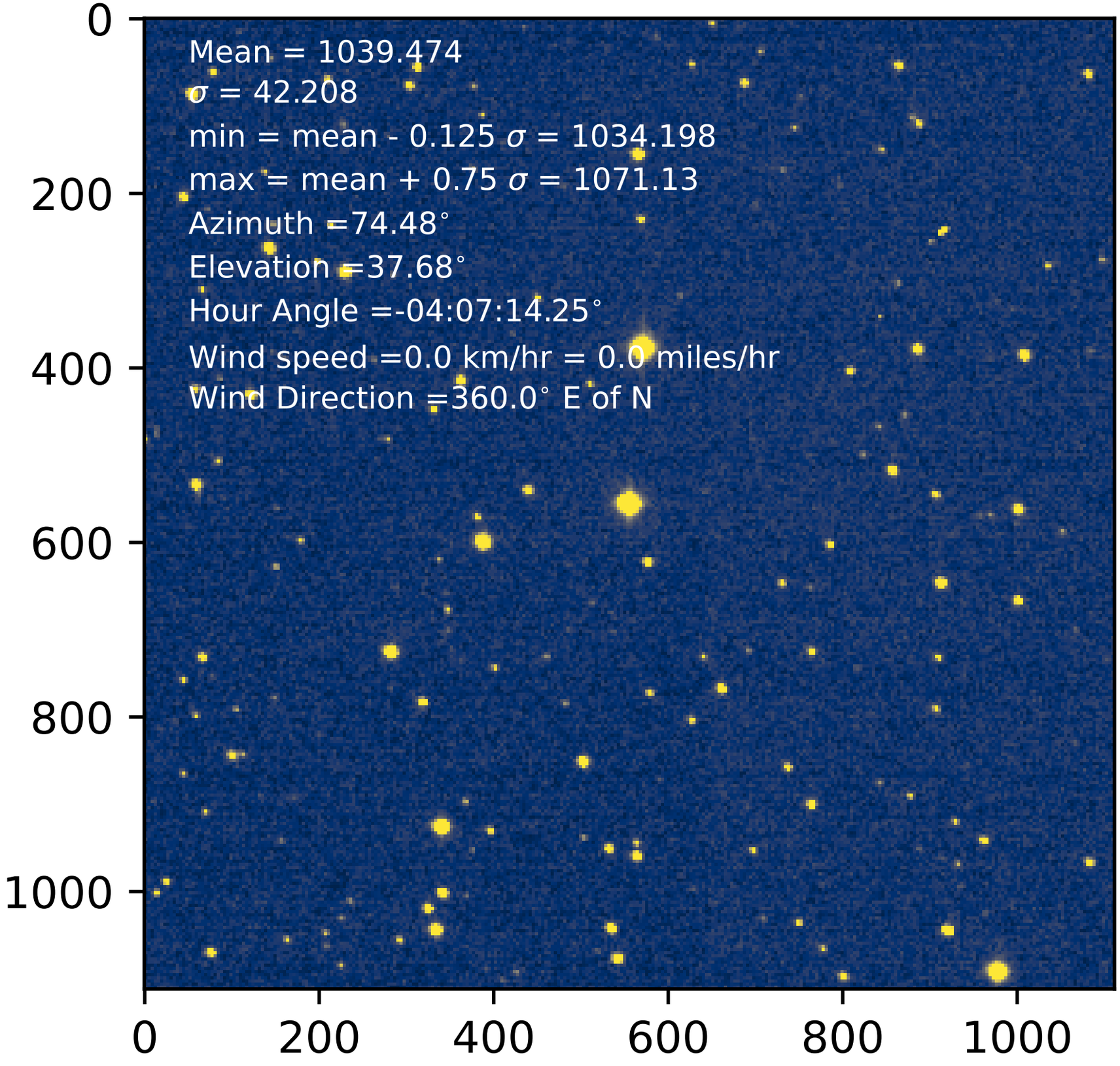
1000


Mean = 1039.474
σ = 42.208
min = mean - 0.125 σ = 1034.198
max = mean + 0.75 σ = 1071.13
Azimuth =74.48°
Elevation =37.68°
Hour Angle =-04:07:14.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
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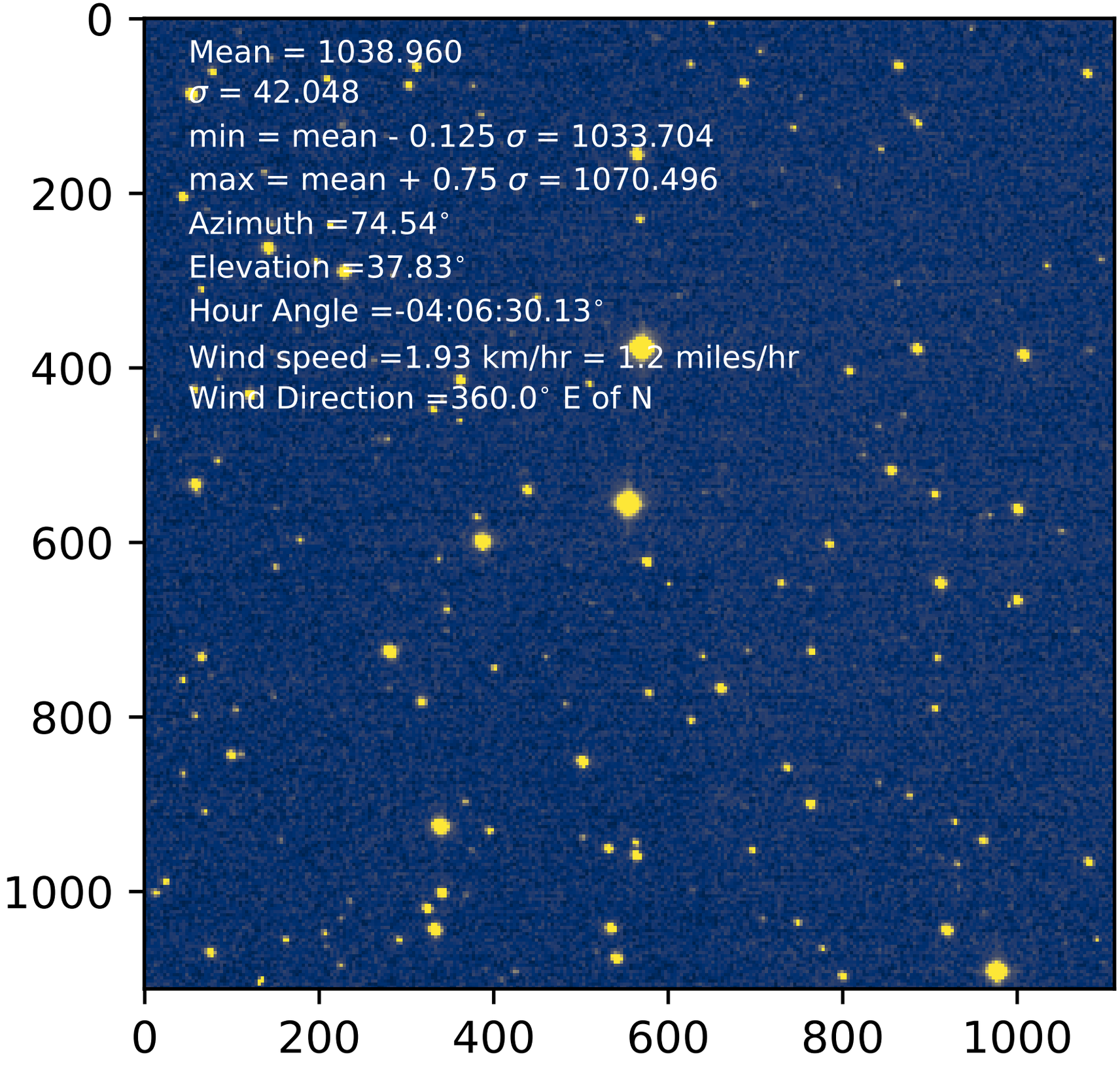
Mean = 1038.960
σ = 42.048
min = mean - 0.125 σ = 1033.704
max = mean + 0.75 σ = 1070.496
Azimuth =74.54°
Elevation =37.83°
Hour Angle =-04:06:30.13°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
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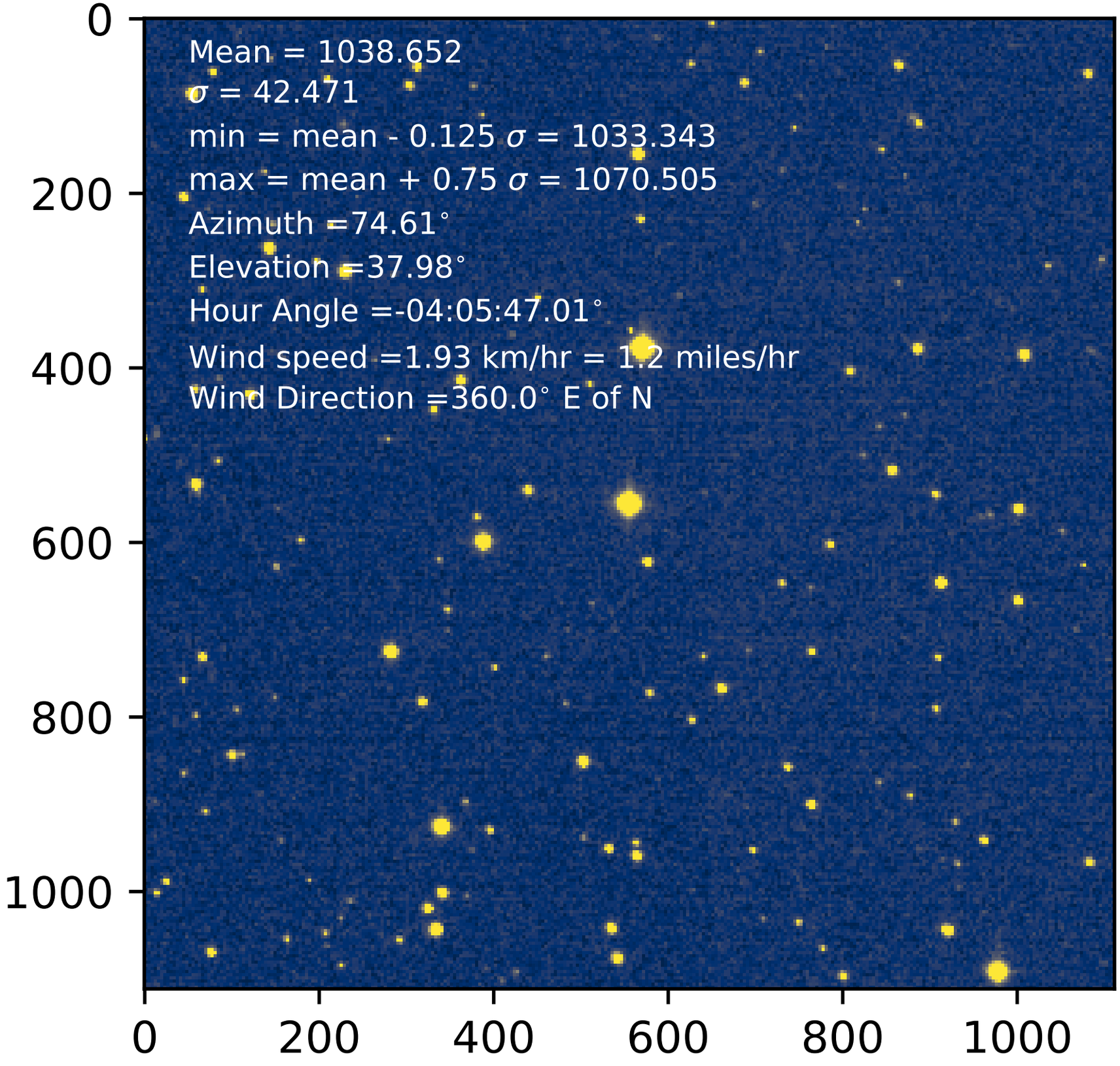
Mean = 1038.652
σ = 42.471
min = mean - 0.125 σ = 1033.343
max = mean + 0.75 σ = 1070.505
Azimuth =74.61°
Elevation =37.98°
Hour Angle =-04:05:47.01°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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600
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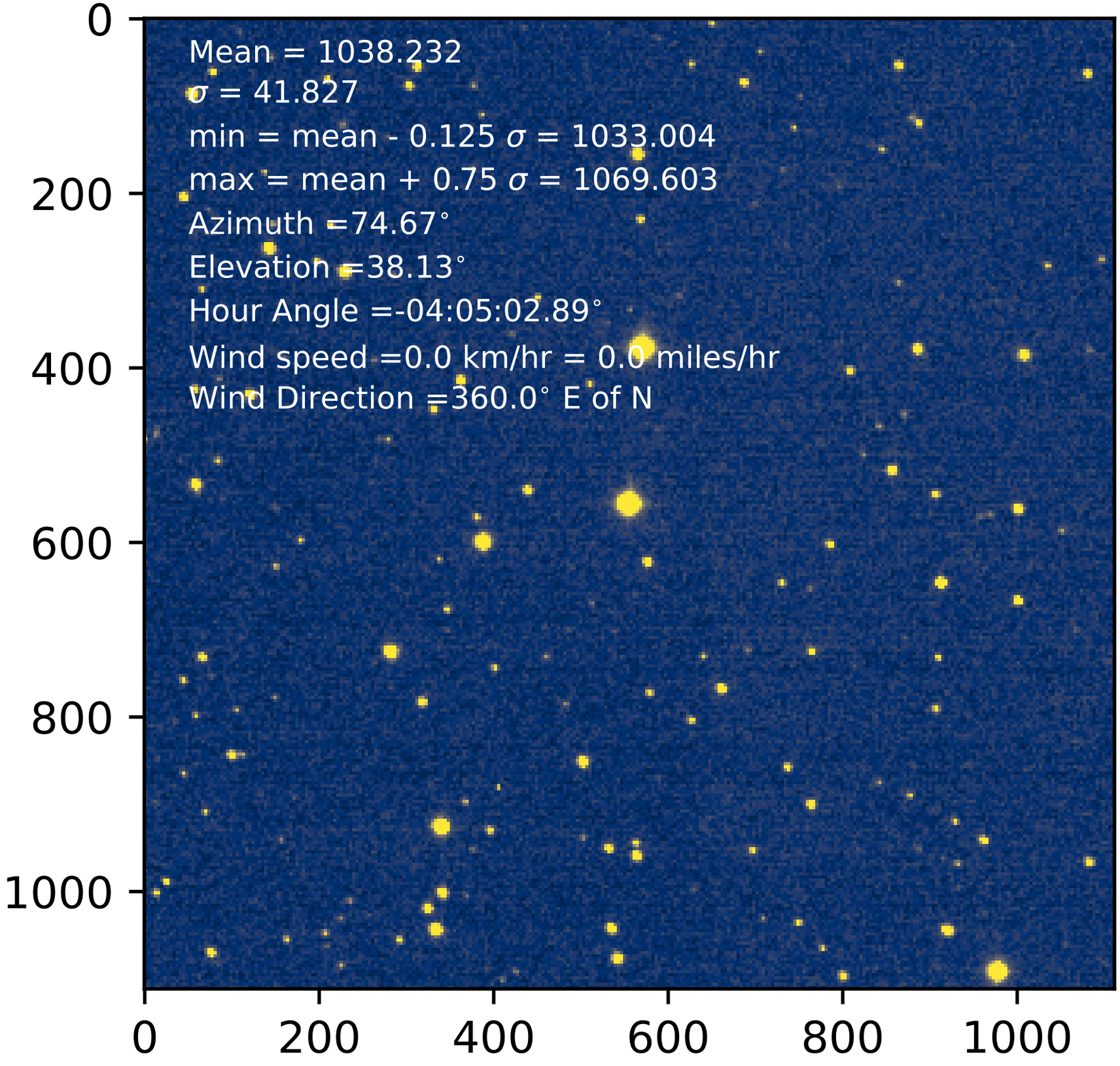
1000


Mean = 1038.232
σ = 41.827
min = mean - 0.125 σ = 1033.004
max = mean + 0.75 σ = 1069.603
Azimuth =74.67°
Elevation =38.13°
Hour Angle =-04:05:02.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
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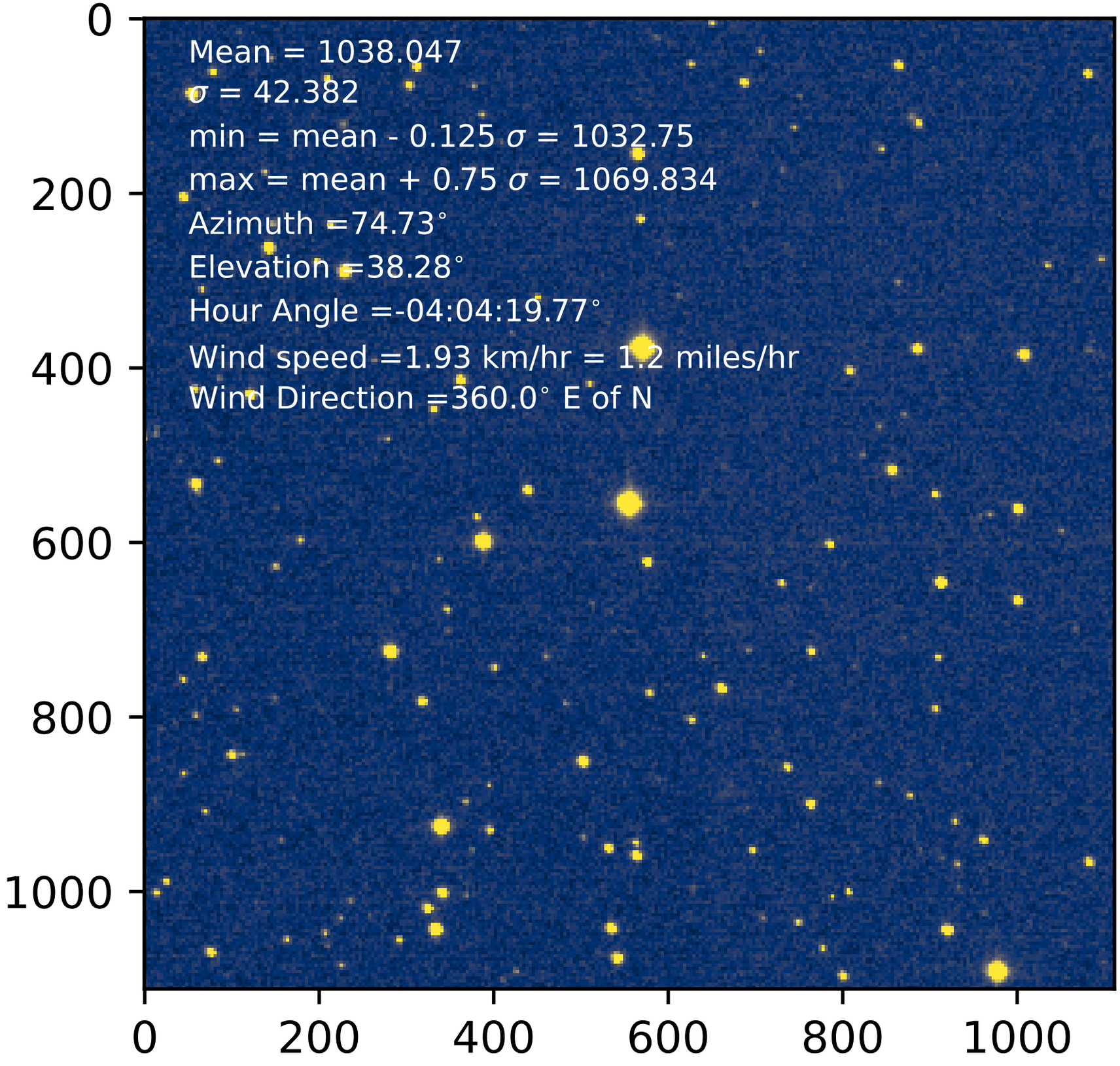
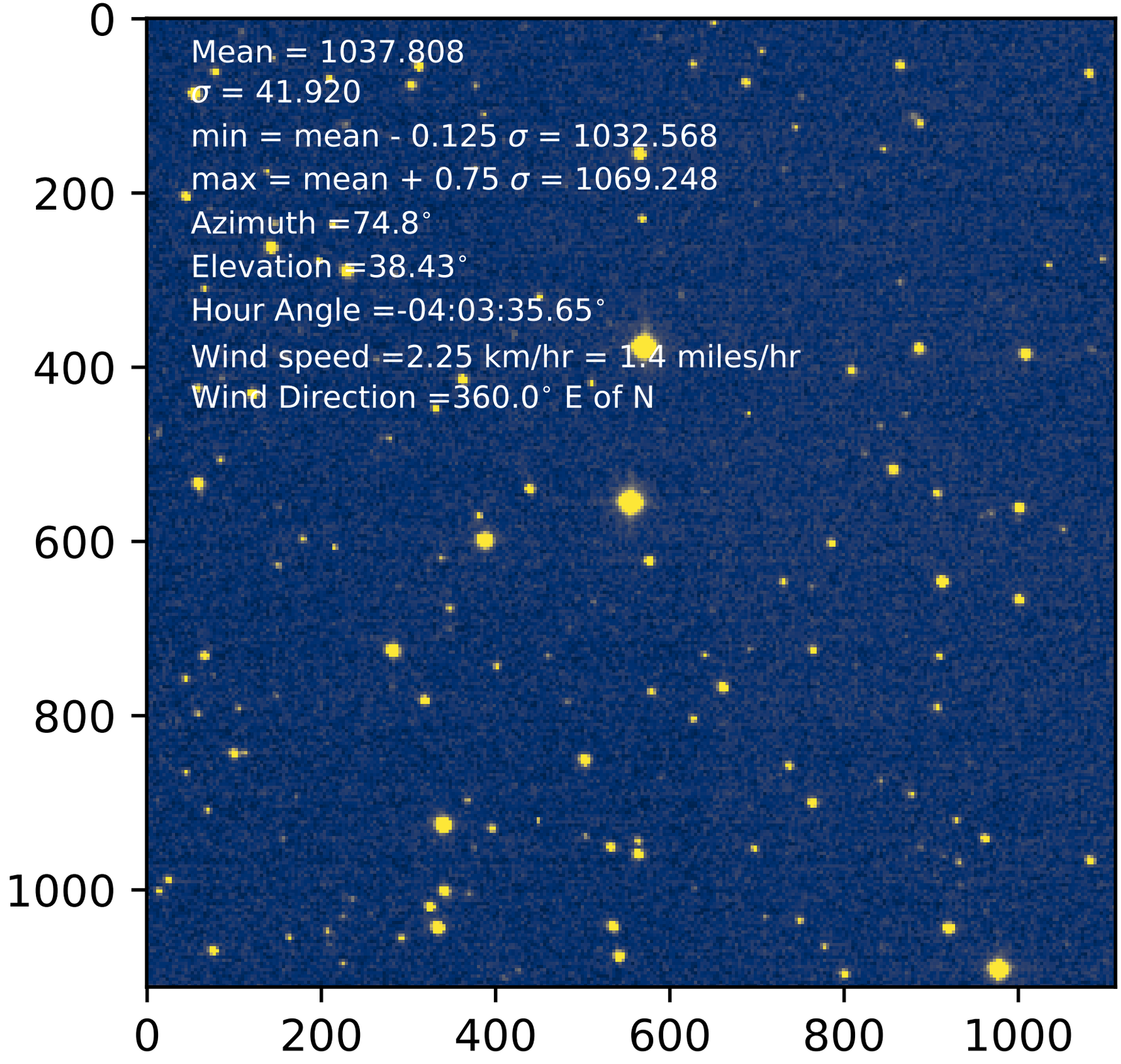
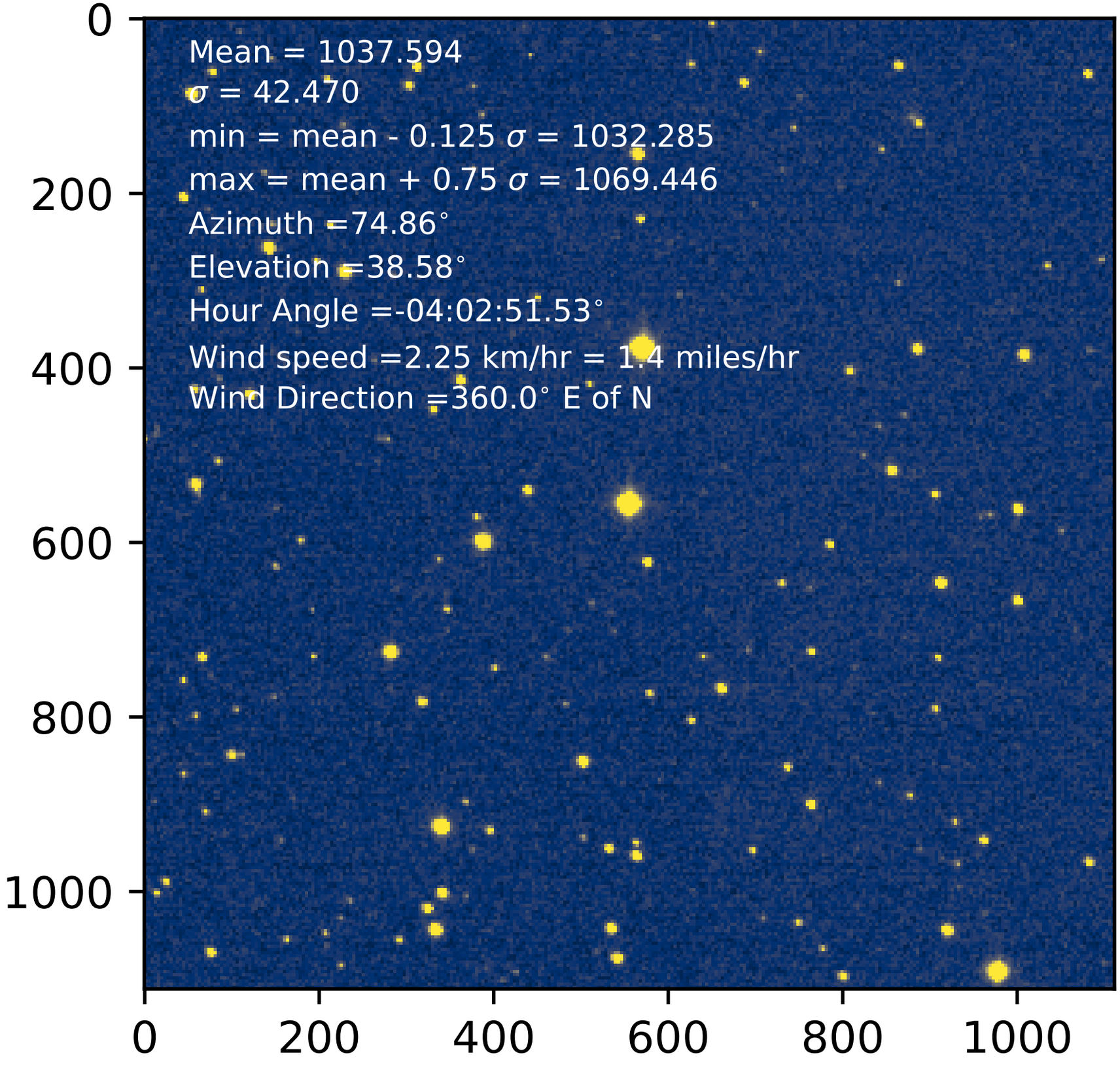
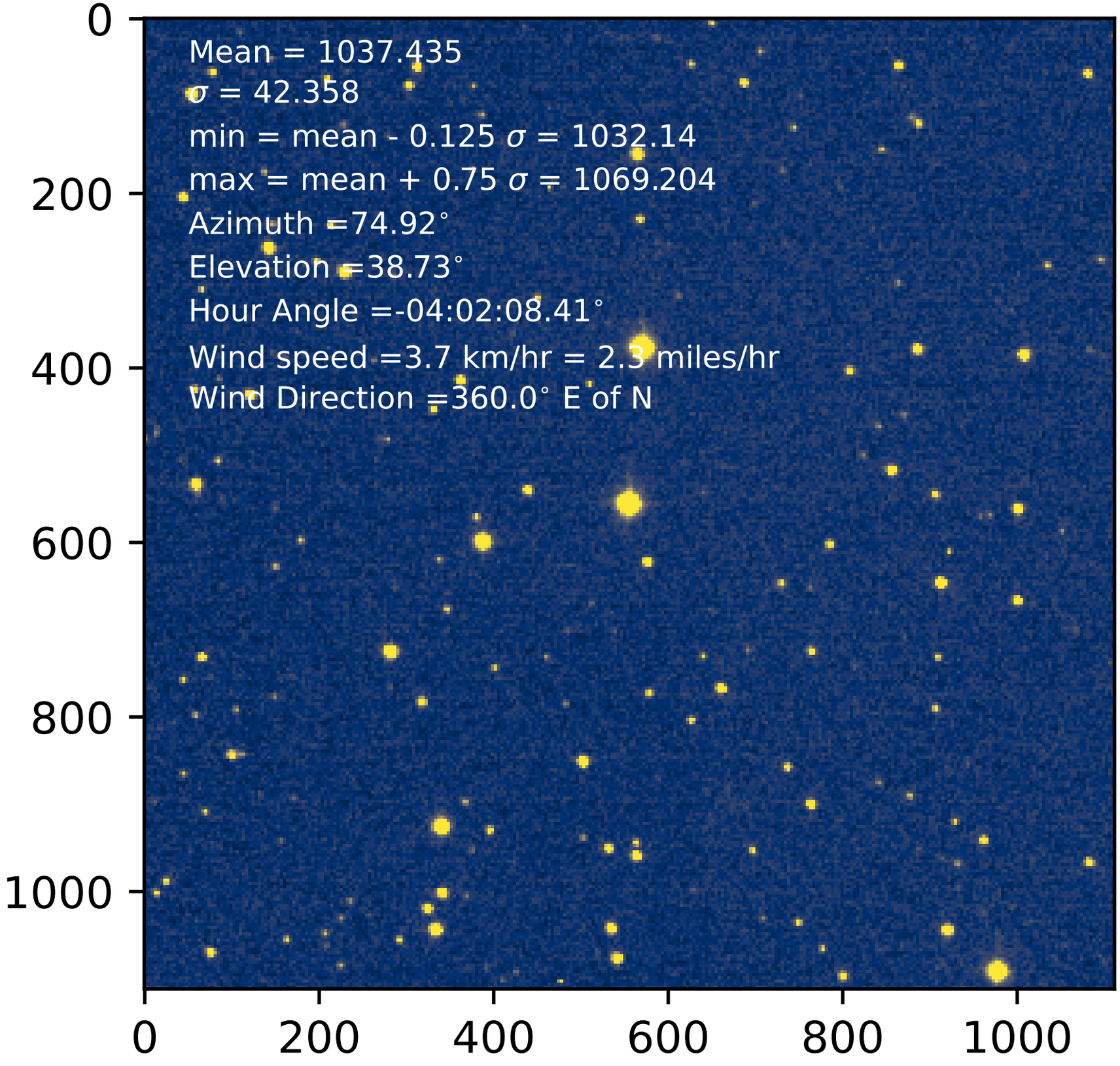
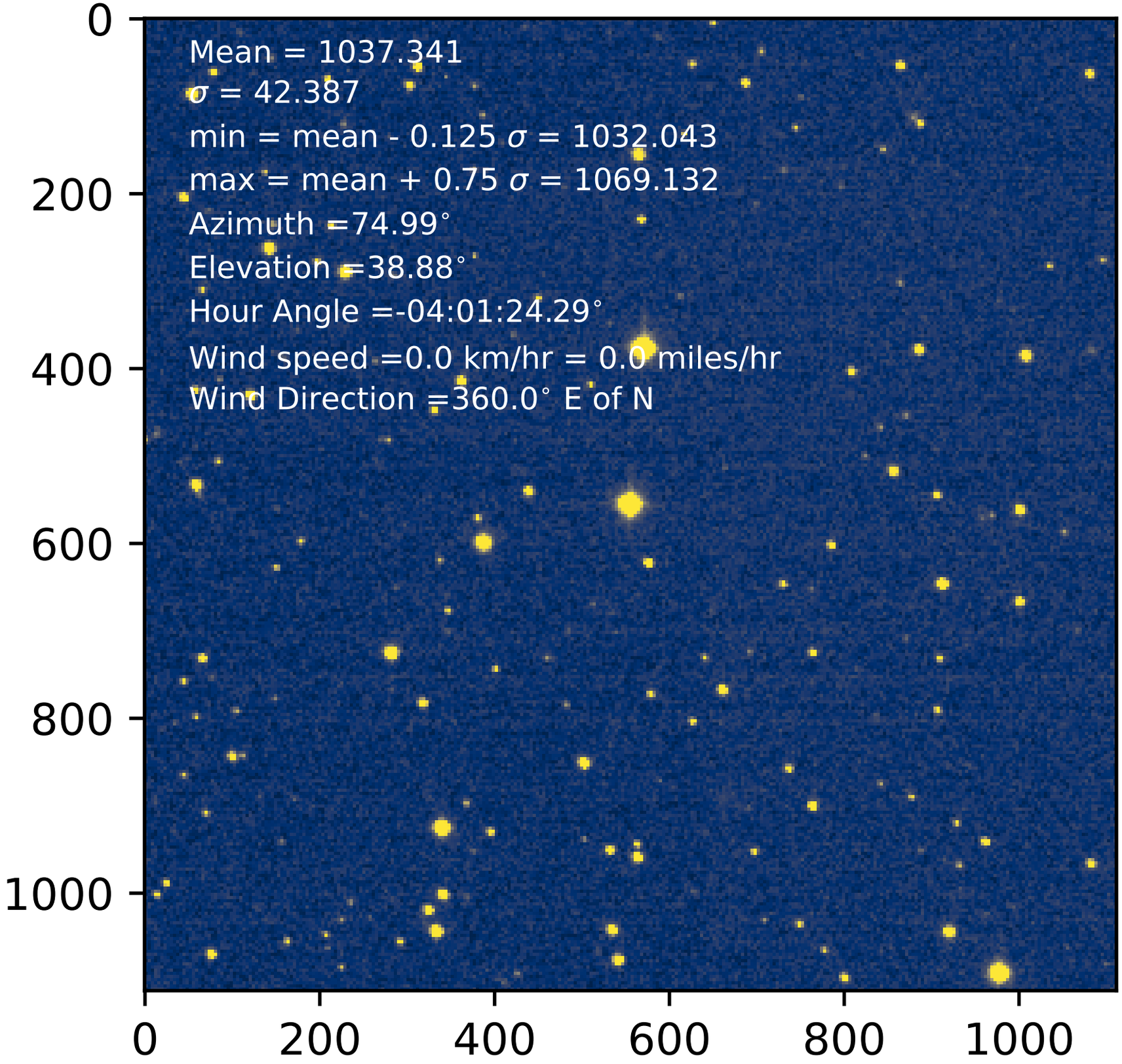
1000

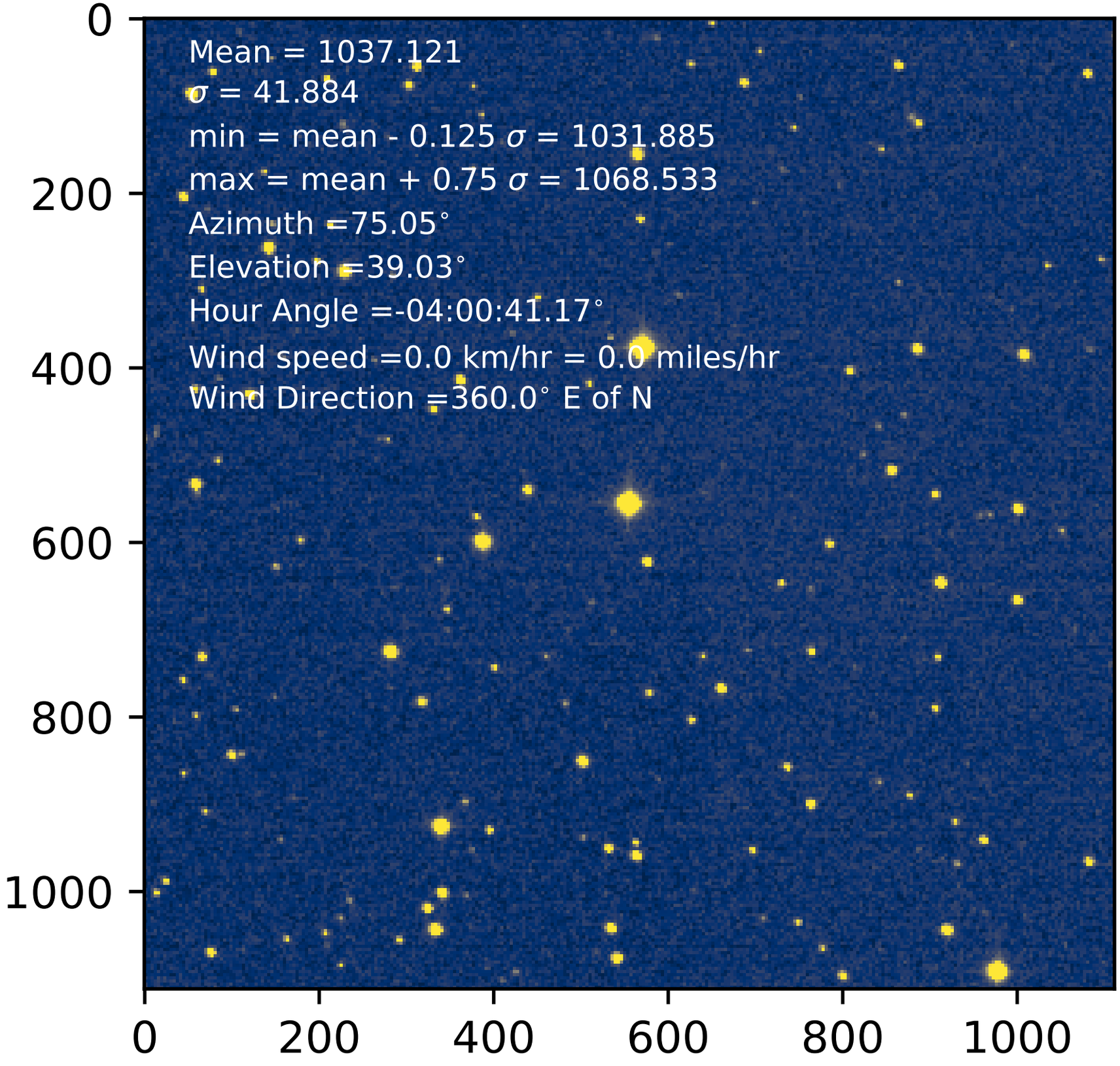

Mean = 1038.047
σ = 42.382
min = mean - 0.125 σ = 1032.75
max = mean + 0.75 σ = 1069.834
Azimuth =74.73°
Elevation =38.28°
Hour Angle =-04:04:19.77°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

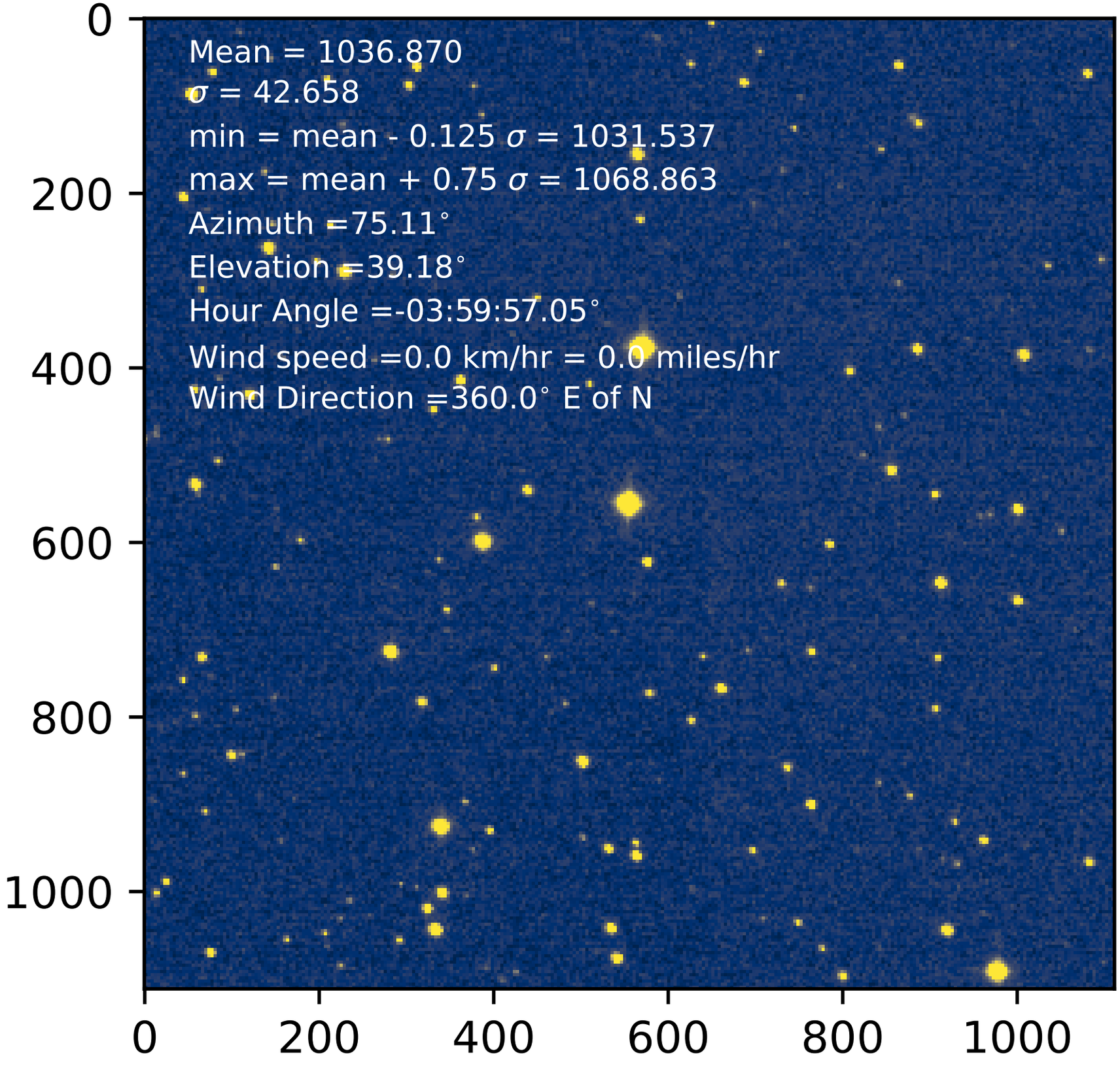

Mean = 1037.808
σ = 41.920
min = mean - 0.125 σ = 1032.568
max = mean + 0.75 σ = 1069.248
Azimuth =74.8°
Elevation =38.43°
Hour Angle =-04:03:35.65°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

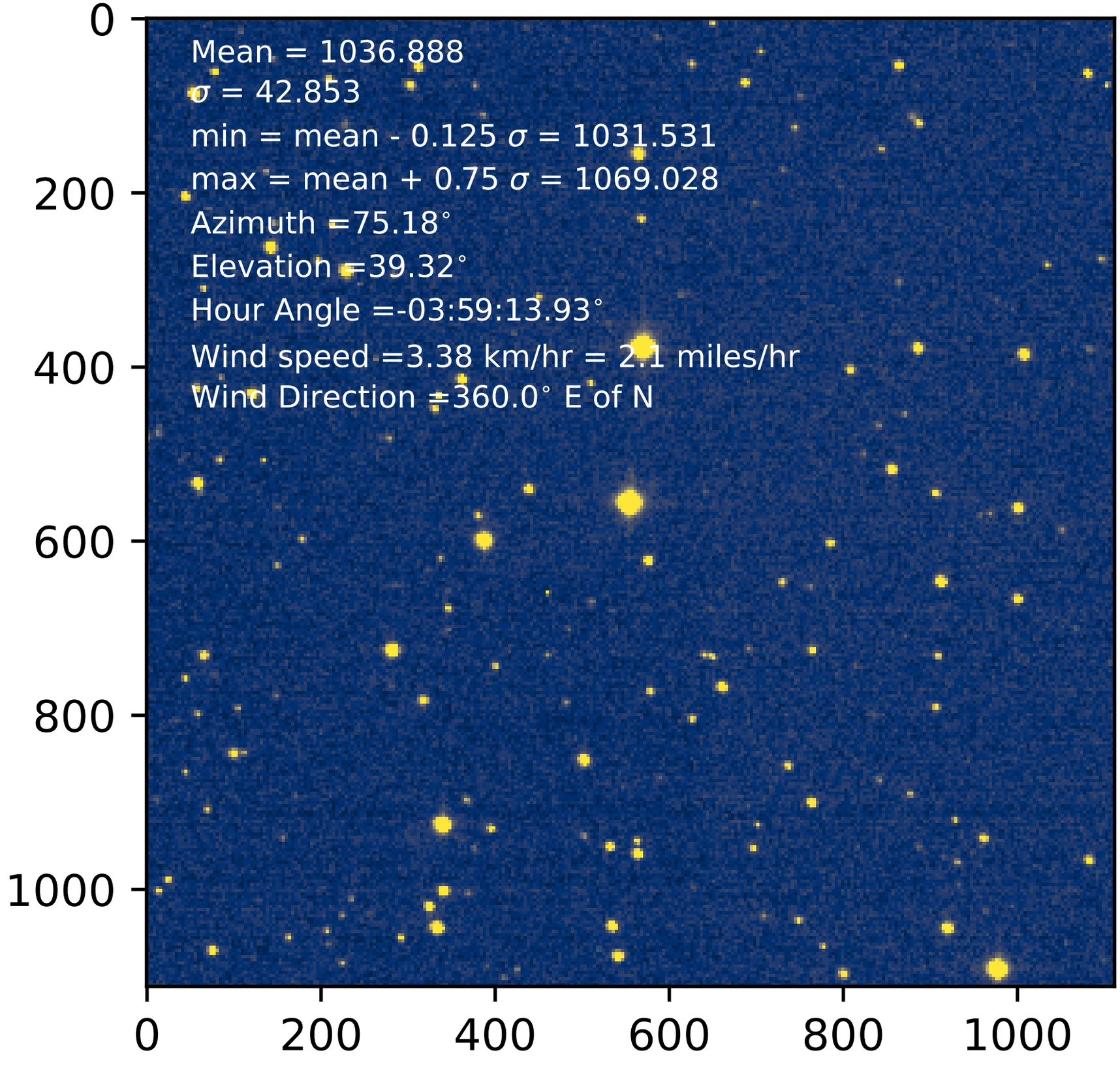

Mean = 1037.594
σ = 42.470
min = mean - 0.125 σ = 1032.285
max = mean + 0.75 σ = 1069.446
Azimuth =74.86°
Elevation =38.58°
Hour Angle =-04:02:51.53°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

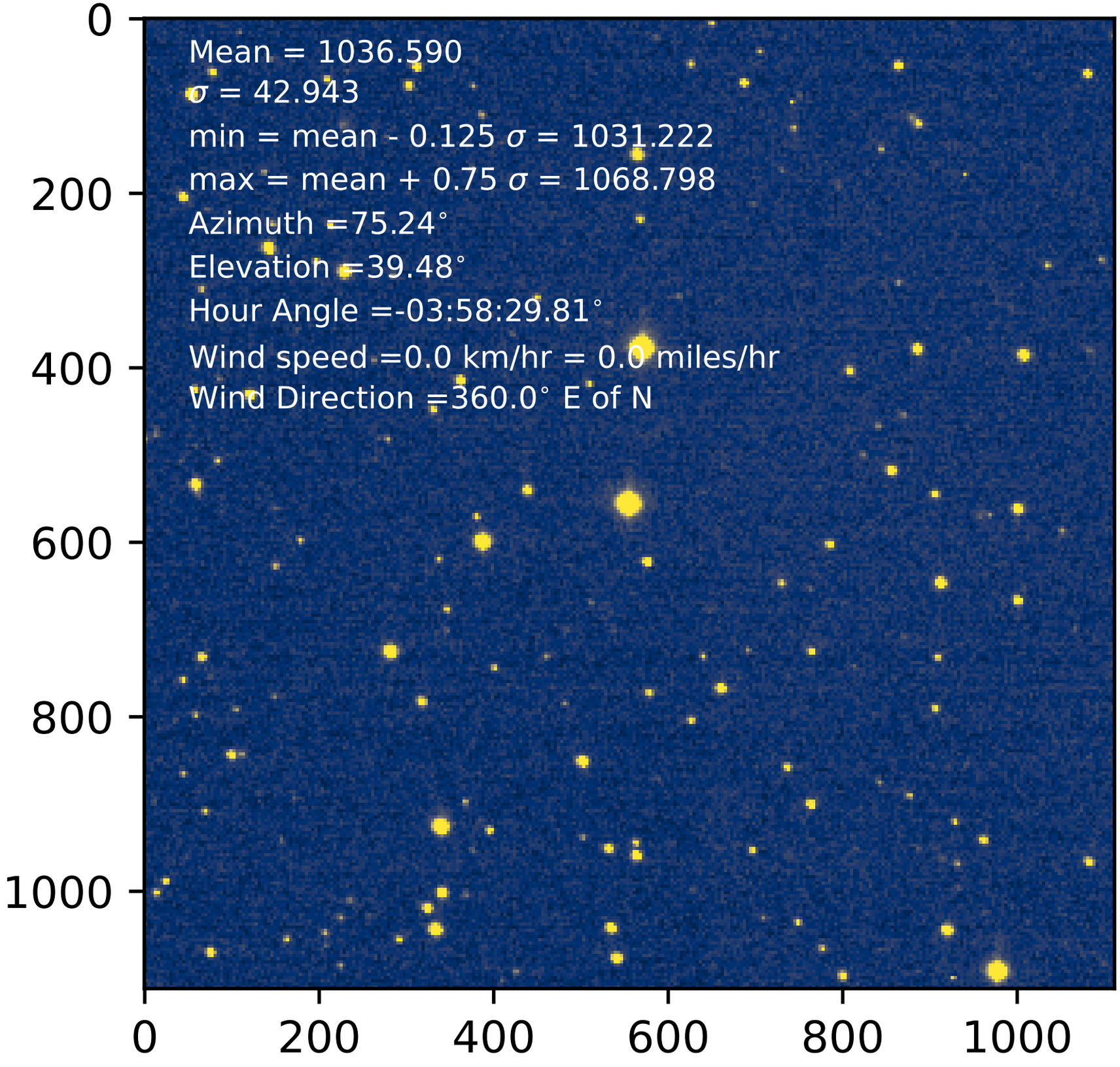

Mean = 1037.435
σ = 42.358
min = mean - 0.125 σ = 1032.14
max = mean + 0.75 σ = 1069.204
Azimuth =74.92°
Elevation =38.73°
Hour Angle =-04:02:08.41°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

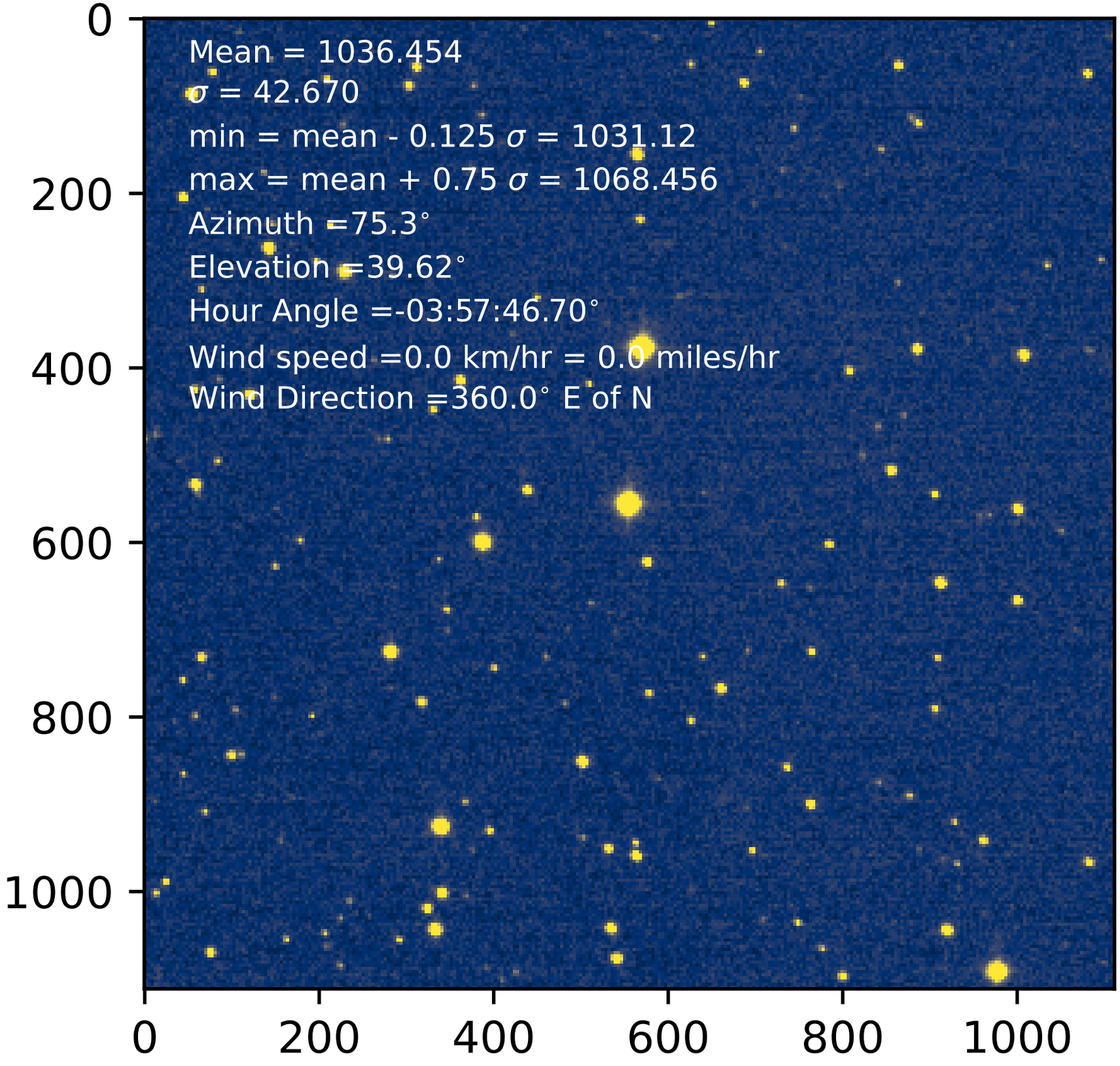

Mean = 1037.341
σ = 42.387
min = mean - 0.125 σ = 1032.043
max = mean + 0.75 σ = 1069.132
Azimuth =74.99°
Elevation =38.88°
Hour Angle =-04:01:24.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

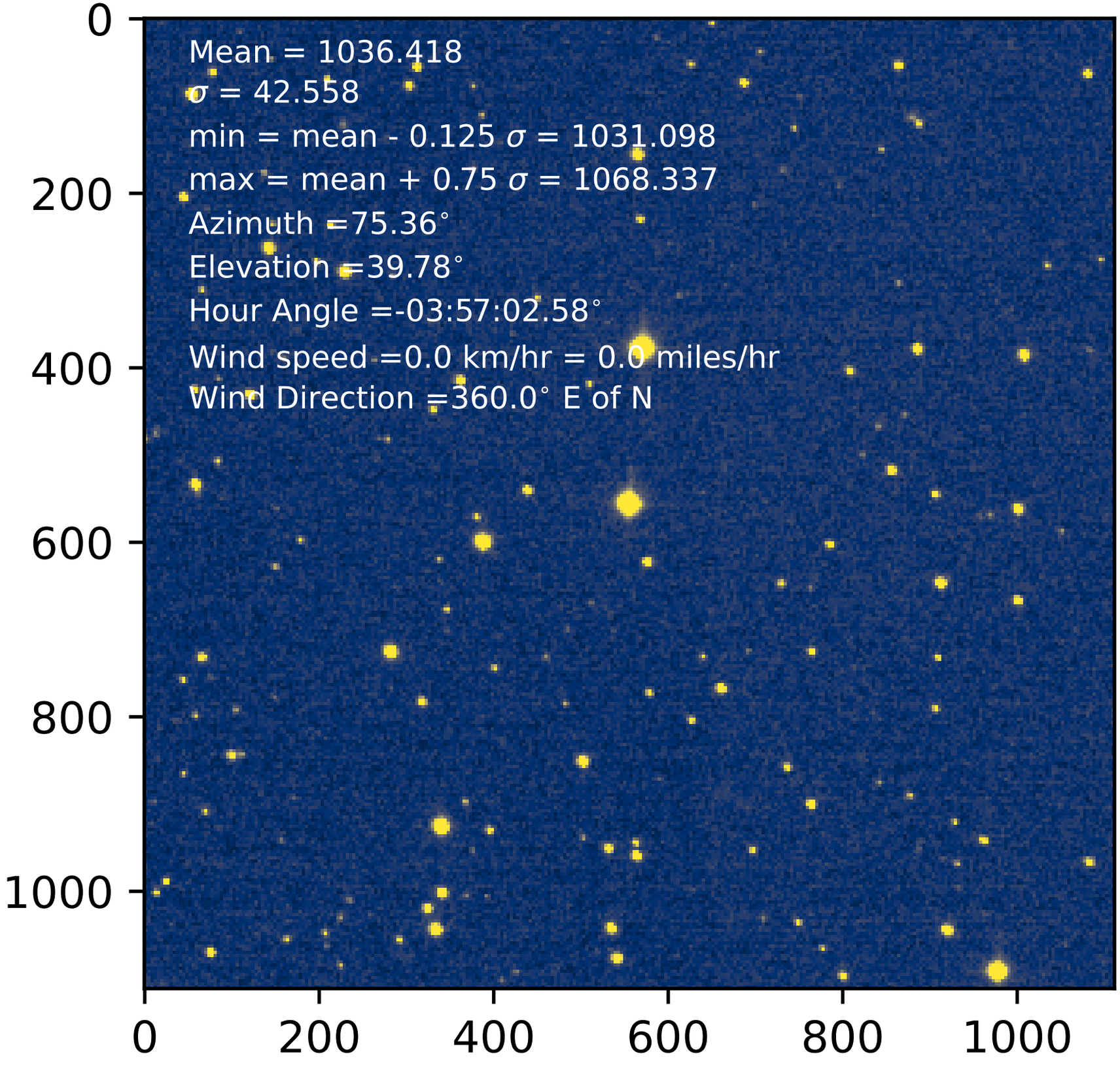

Mean = 1037.121
σ = 41.884
min = mean - 0.125 σ = 1031.885
max = mean + 0.75 σ = 1068.533
Azimuth =75.05°
Elevation =39.03°
Hour Angle =-04:00:41.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

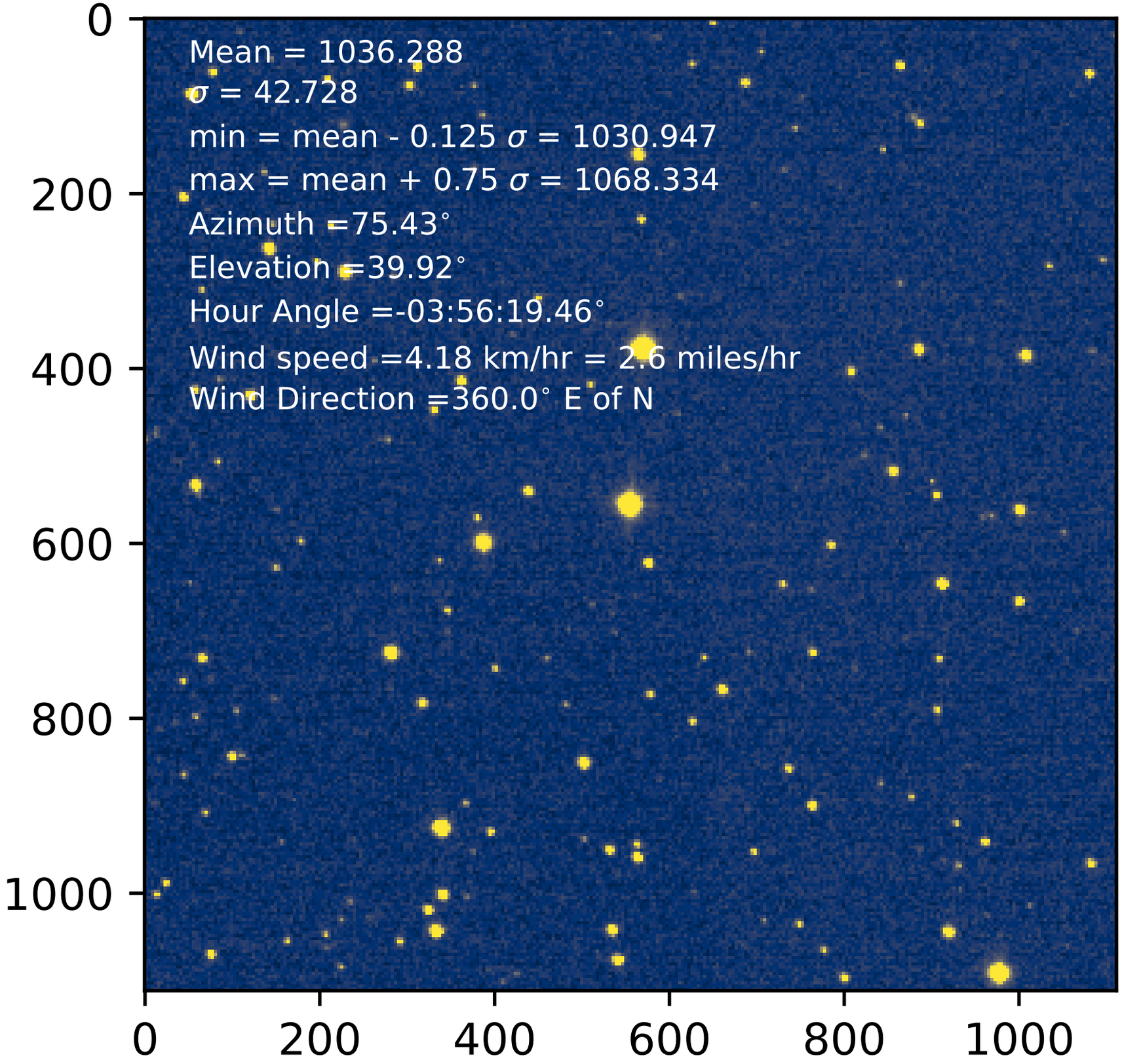

Mean = 1036.870
σ = 42.658
min = mean - 0.125 σ = 1031.537
max = mean + 0.75 σ = 1068.863
Azimuth =75.11°
Elevation =39.18°
Hour Angle =-03:59:57.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

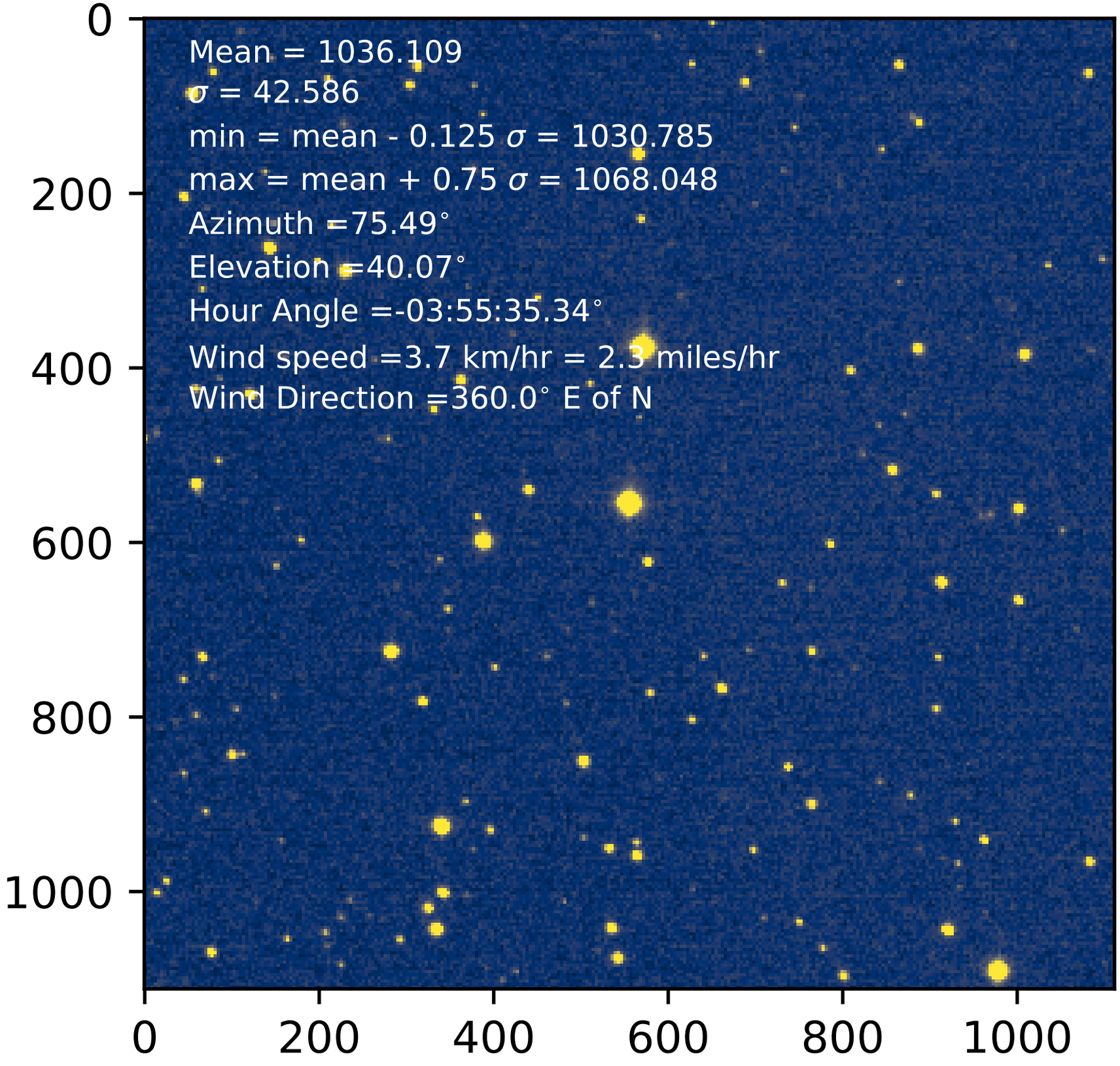

Mean = 1036.888
σ = 42.853
min = mean - 0.125 σ = 1031.531
max = mean + 0.75 σ = 1069.028
Azimuth =75.18°
Elevation =39.32°
Hour Angle =-03:59:13.93°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

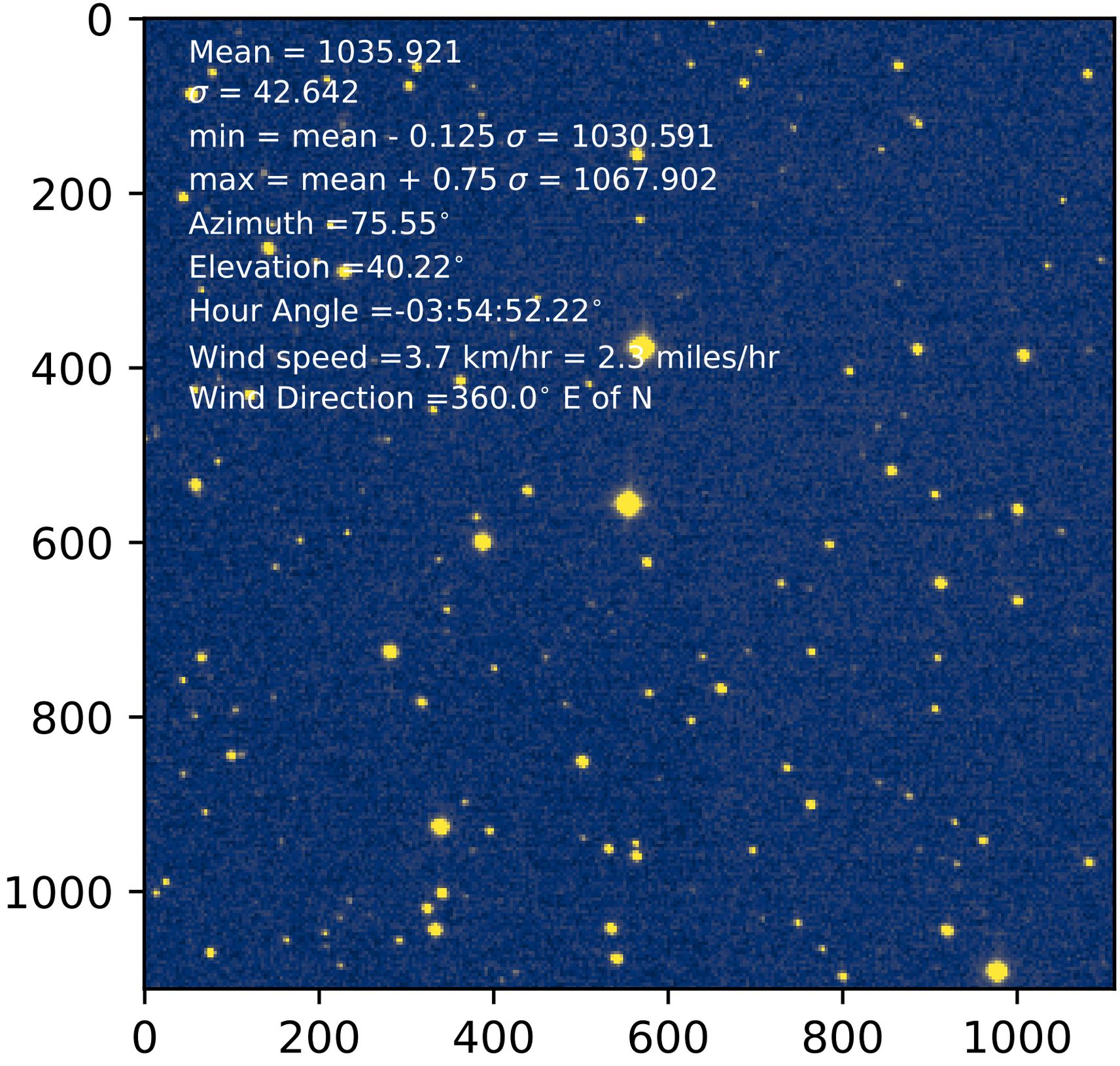

Mean = 1036.590
σ = 42.943
min = mean - 0.125 σ = 1031.222
max = mean + 0.75 σ = 1068.798
Azimuth =75.24°
Elevation =39.48°
Hour Angle =-03:58:29.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

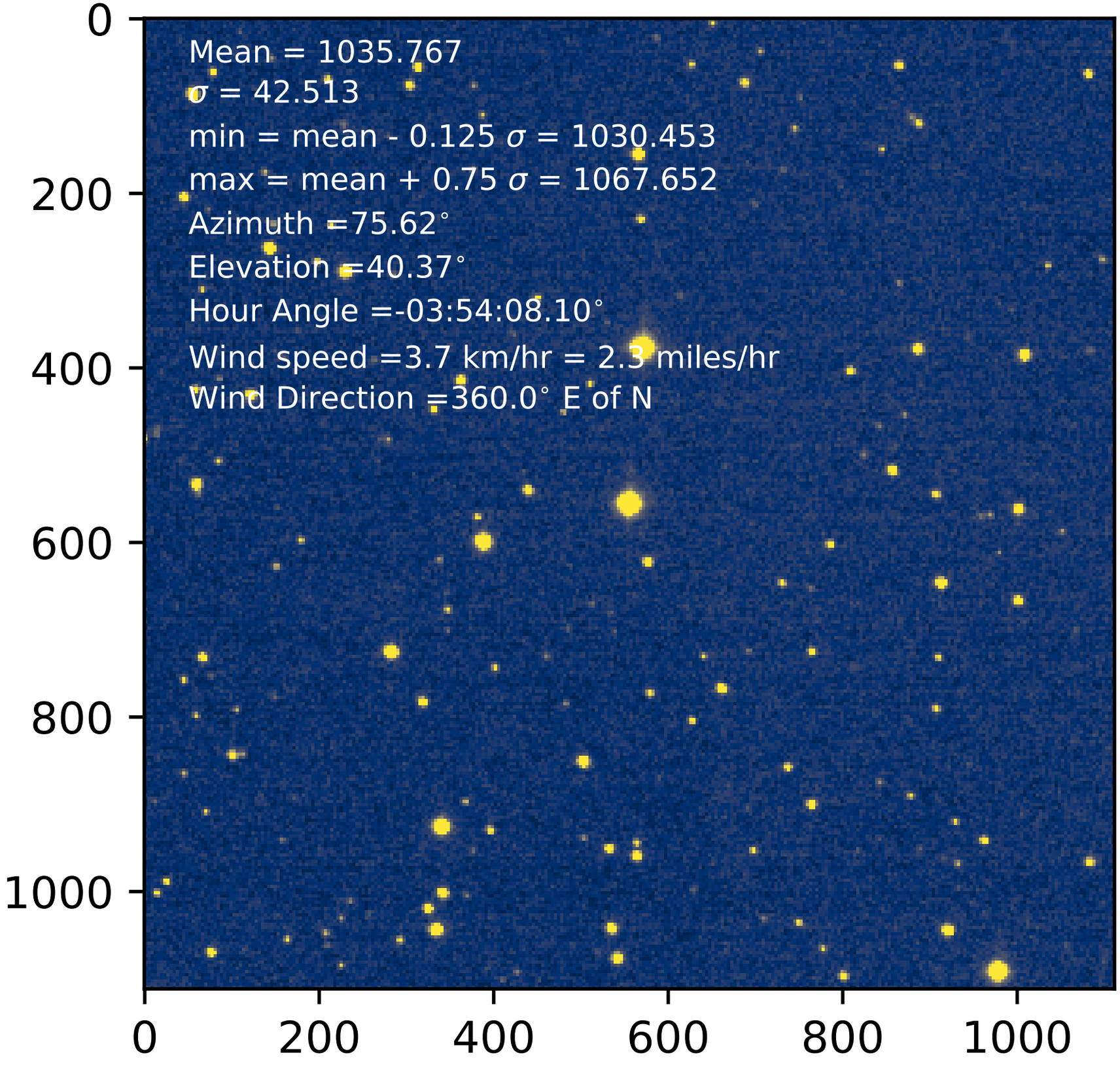

Mean = 1036.454
σ = 42.670
min = mean - 0.125 σ = 1031.12
max = mean + 0.75 σ = 1068.456
Azimuth =75.3°
Elevation =39.62°
Hour Angle =-03:57:46.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

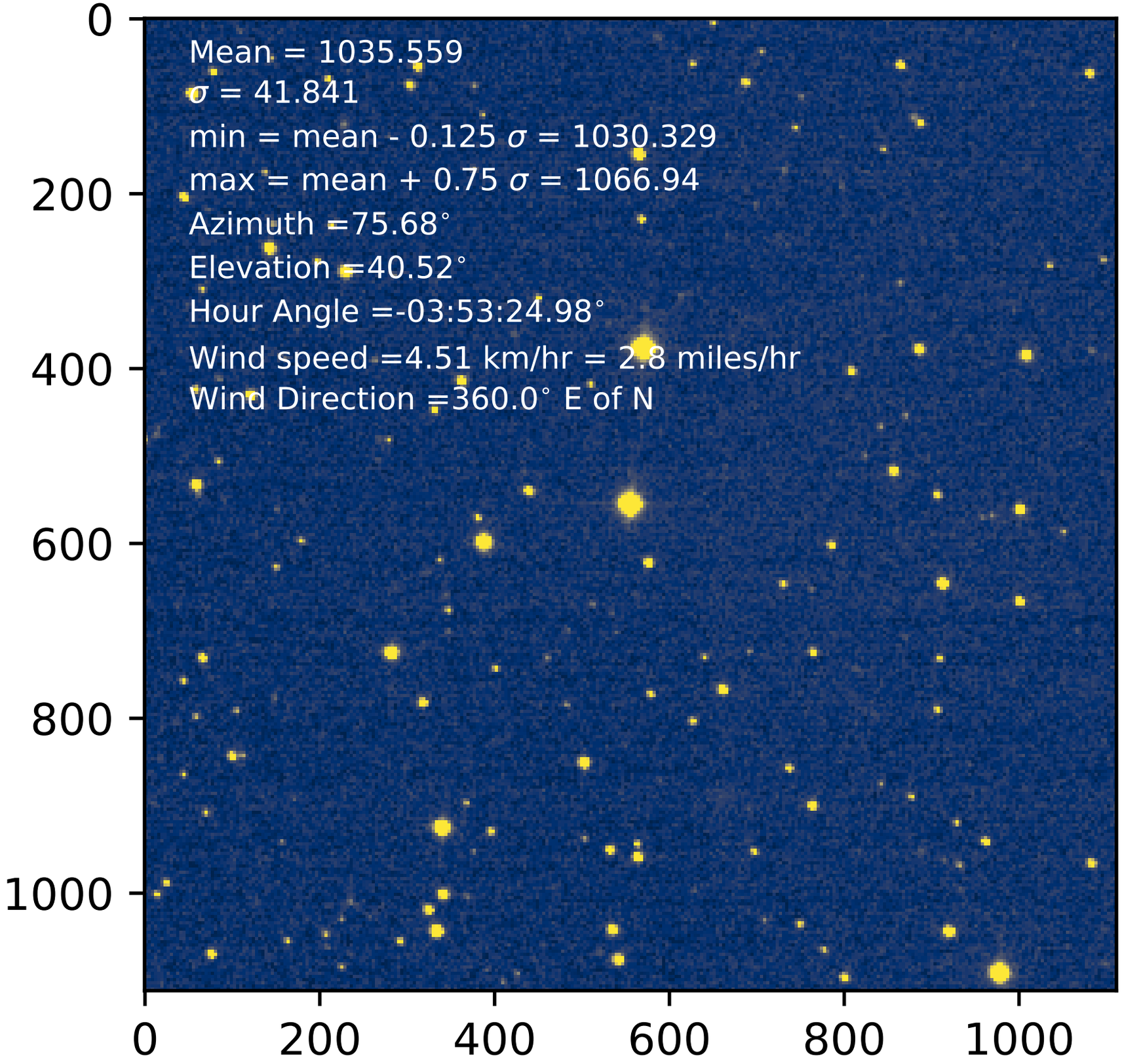

Mean = 1036.418
σ = 42.558
min = mean - 0.125 σ = 1031.098
max = mean + 0.75 σ = 1068.337
Azimuth =75.36°
Elevation =39.78°
Hour Angle =-03:57:02.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

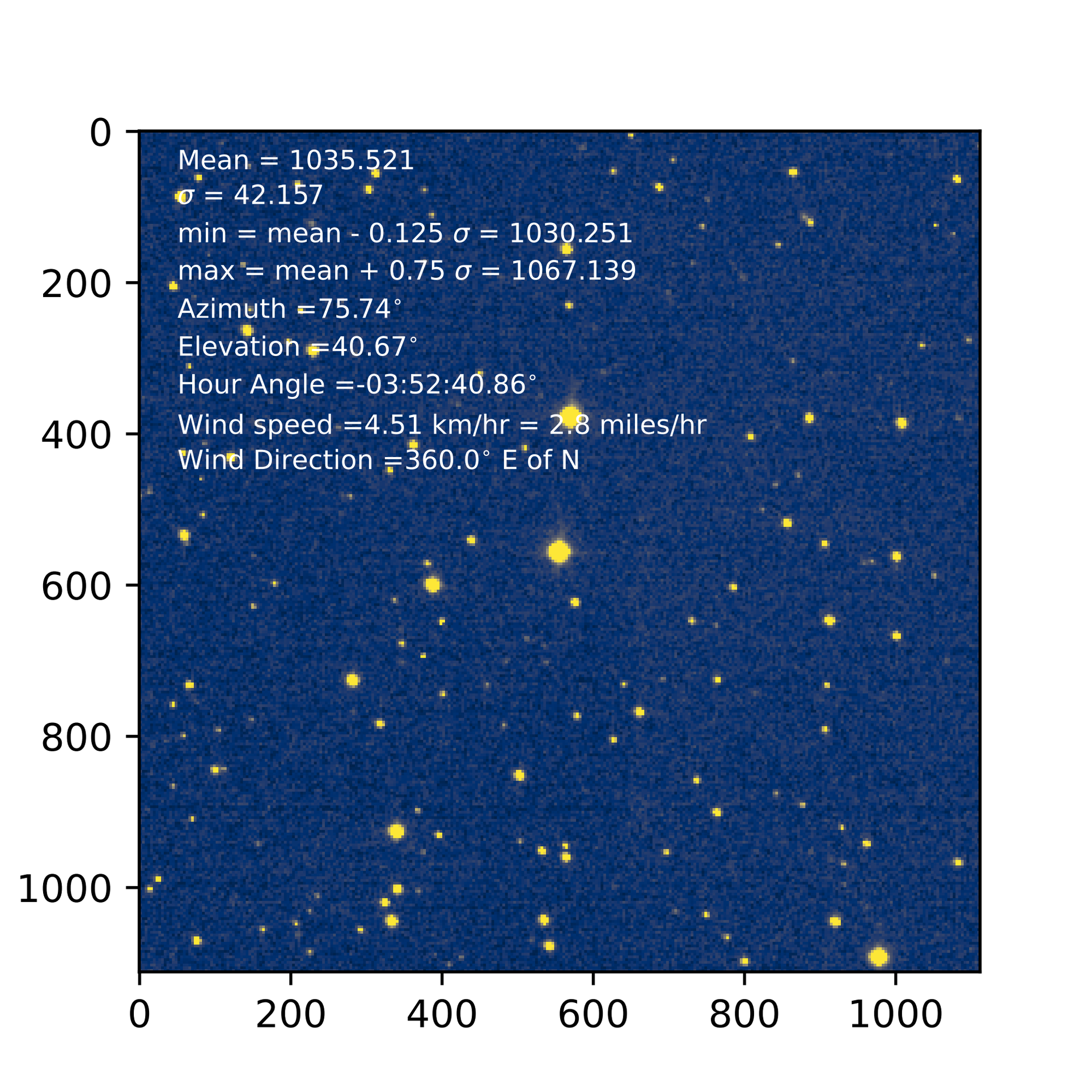

Mean = 1036.288
σ = 42.728
min = mean - 0.125 σ = 1030.947
max = mean + 0.75 σ = 1068.334
Azimuth =75.43°
Elevation =39.92°
Hour Angle =-03:56:19.46°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

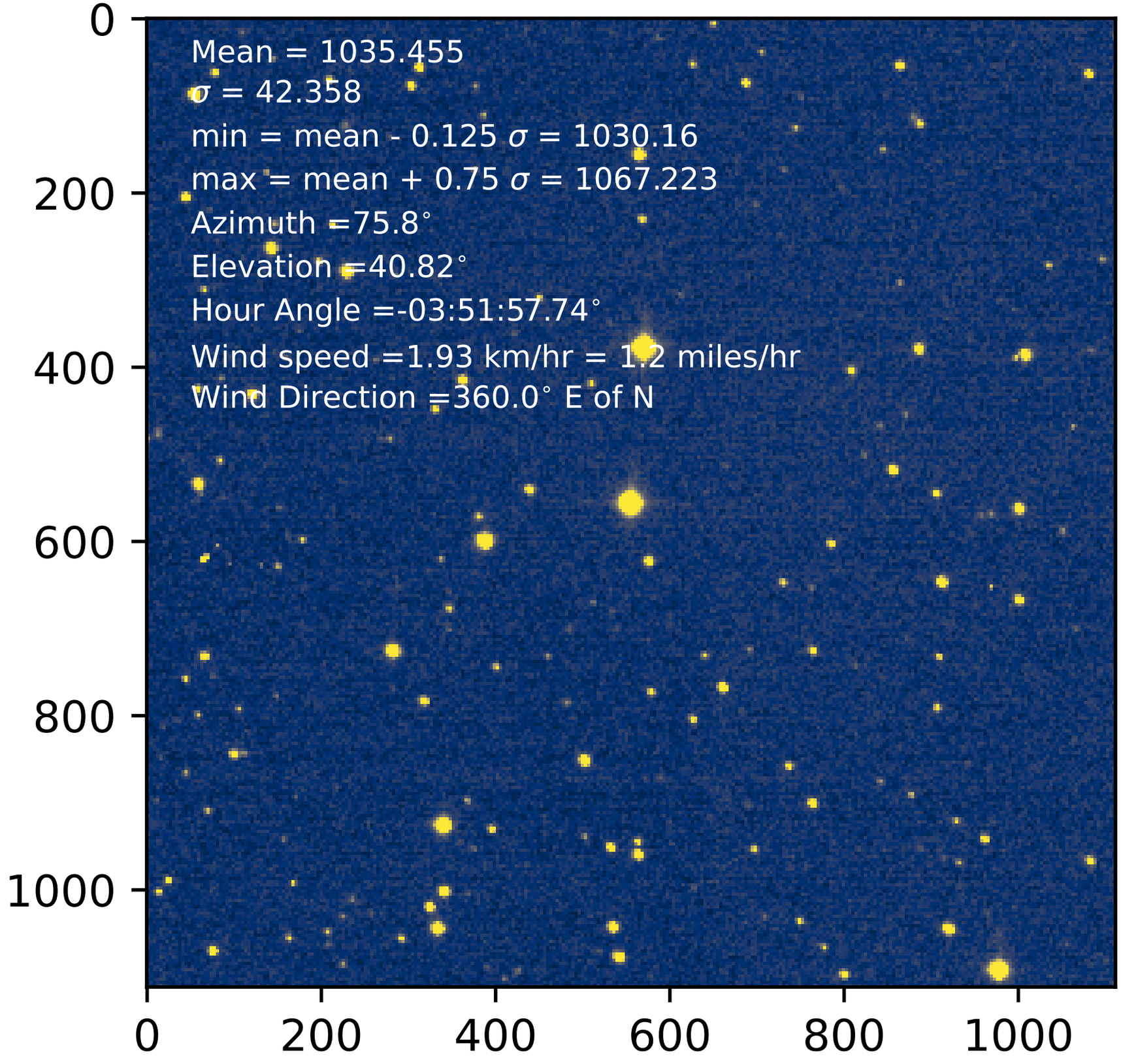

Mean = 1036.109
σ = 42.586
min = mean - 0.125 σ = 1030.785
max = mean + 0.75 σ = 1068.048
Azimuth =75.49°
Elevation =40.07°
Hour Angle =-03:55:35.34°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

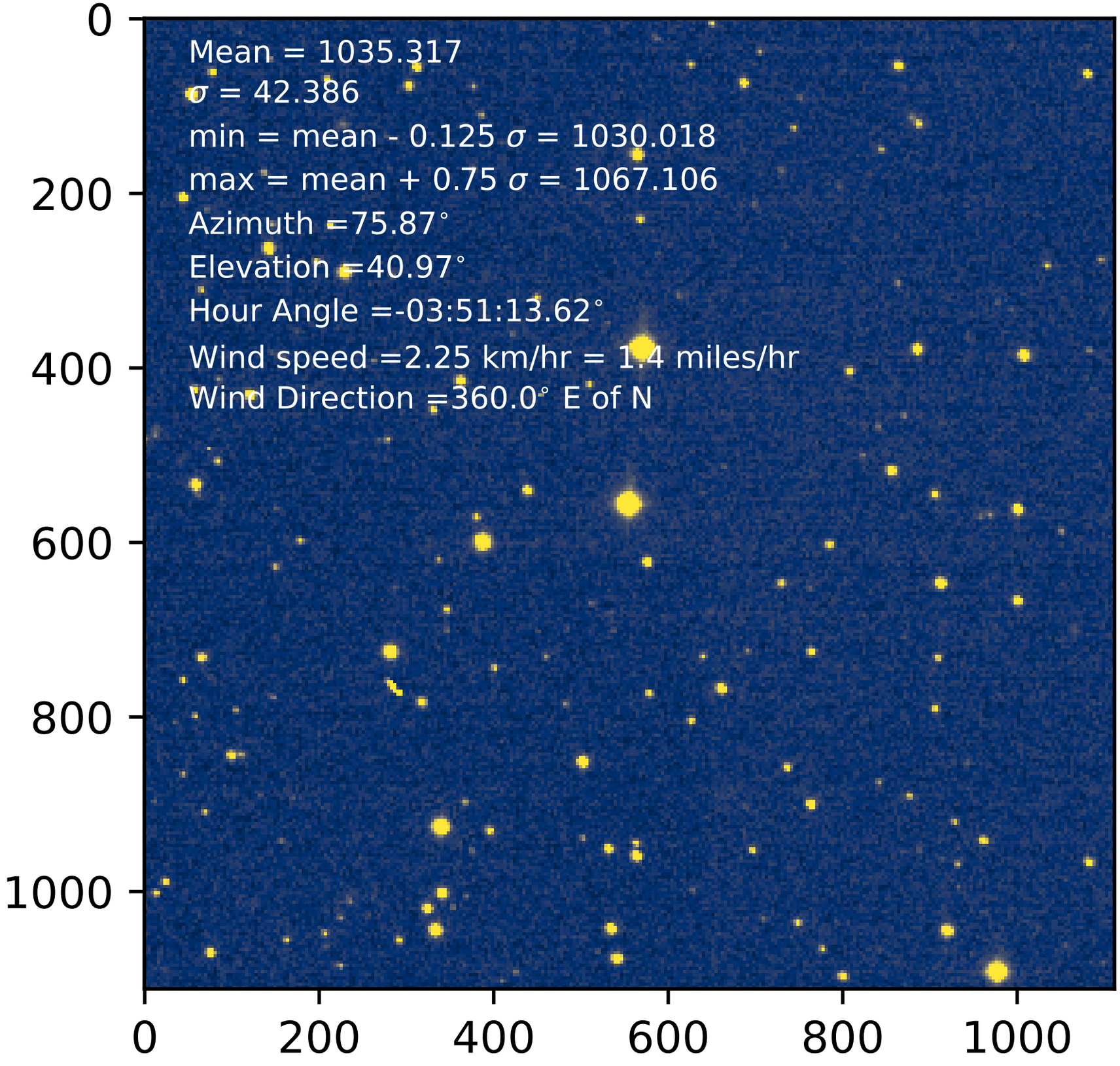

Mean = 1035.921
σ = 42.642
min = mean - 0.125 σ = 1030.591
max = mean + 0.75 σ = 1067.902
Azimuth =75.55°
Elevation =40.22°
Hour Angle =-03:54:52.22°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

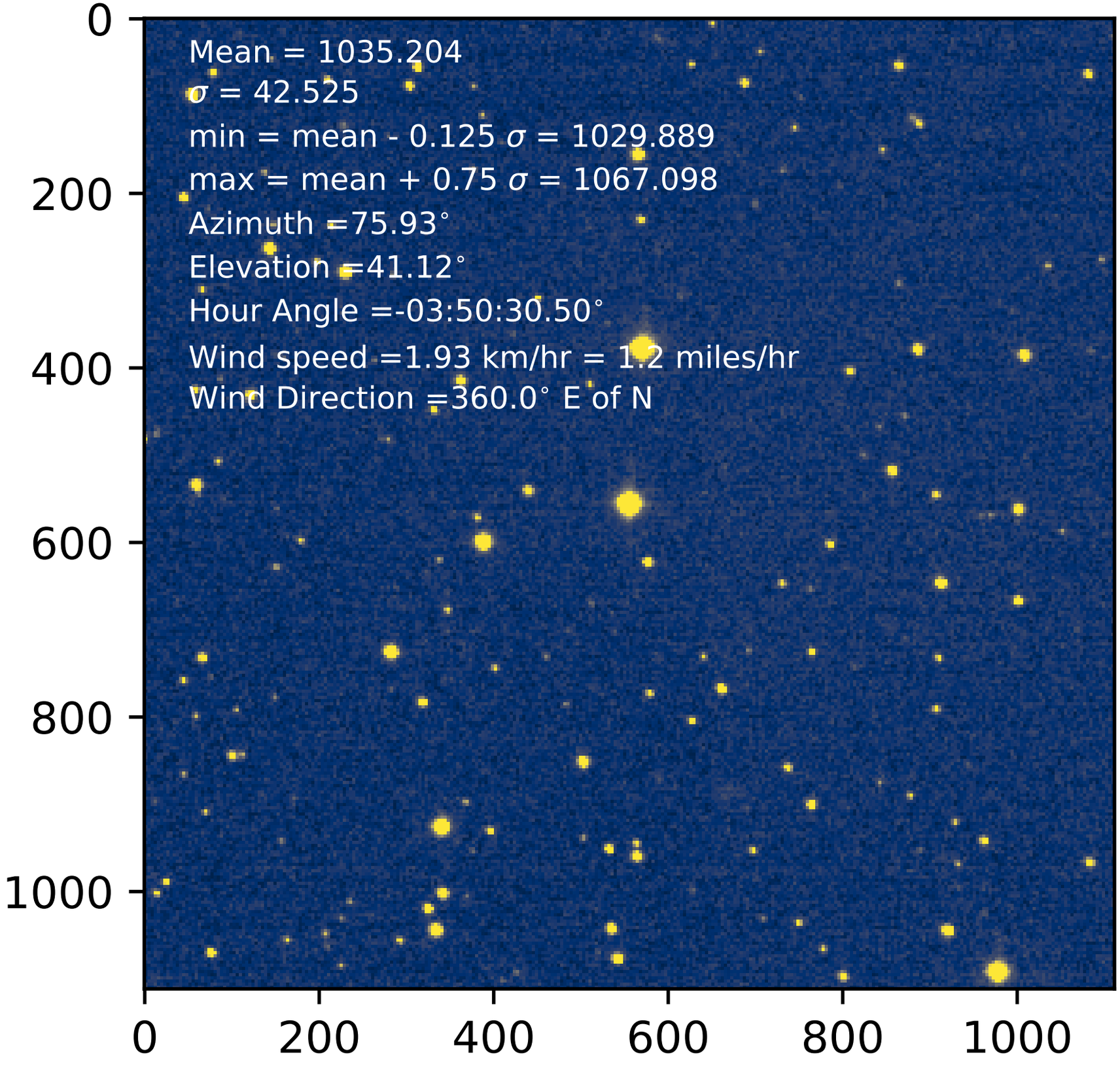

Mean = 1035.767
σ = 42.513
min = mean - 0.125 σ = 1030.453
max = mean + 0.75 σ = 1067.652
Azimuth =75.62°
Elevation =40.37°
Hour Angle =-03:54:08.10°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

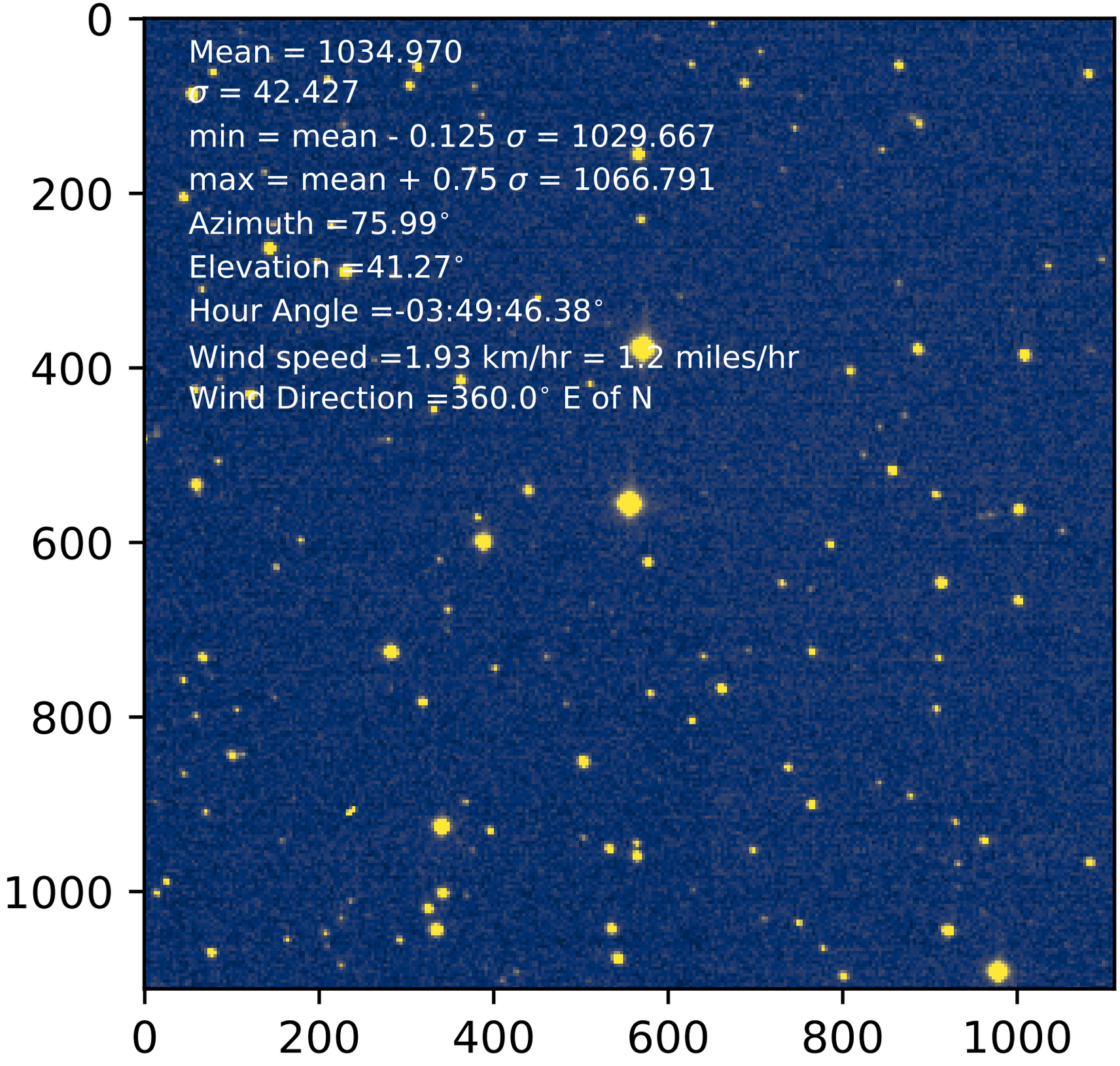

Mean = 1035.559
σ = 41.841
min = mean - 0.125 σ = 1030.329
max = mean + 0.75 σ = 1066.94
Azimuth =75.68°
Elevation =40.52°
Hour Angle =-03:53:24.98°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

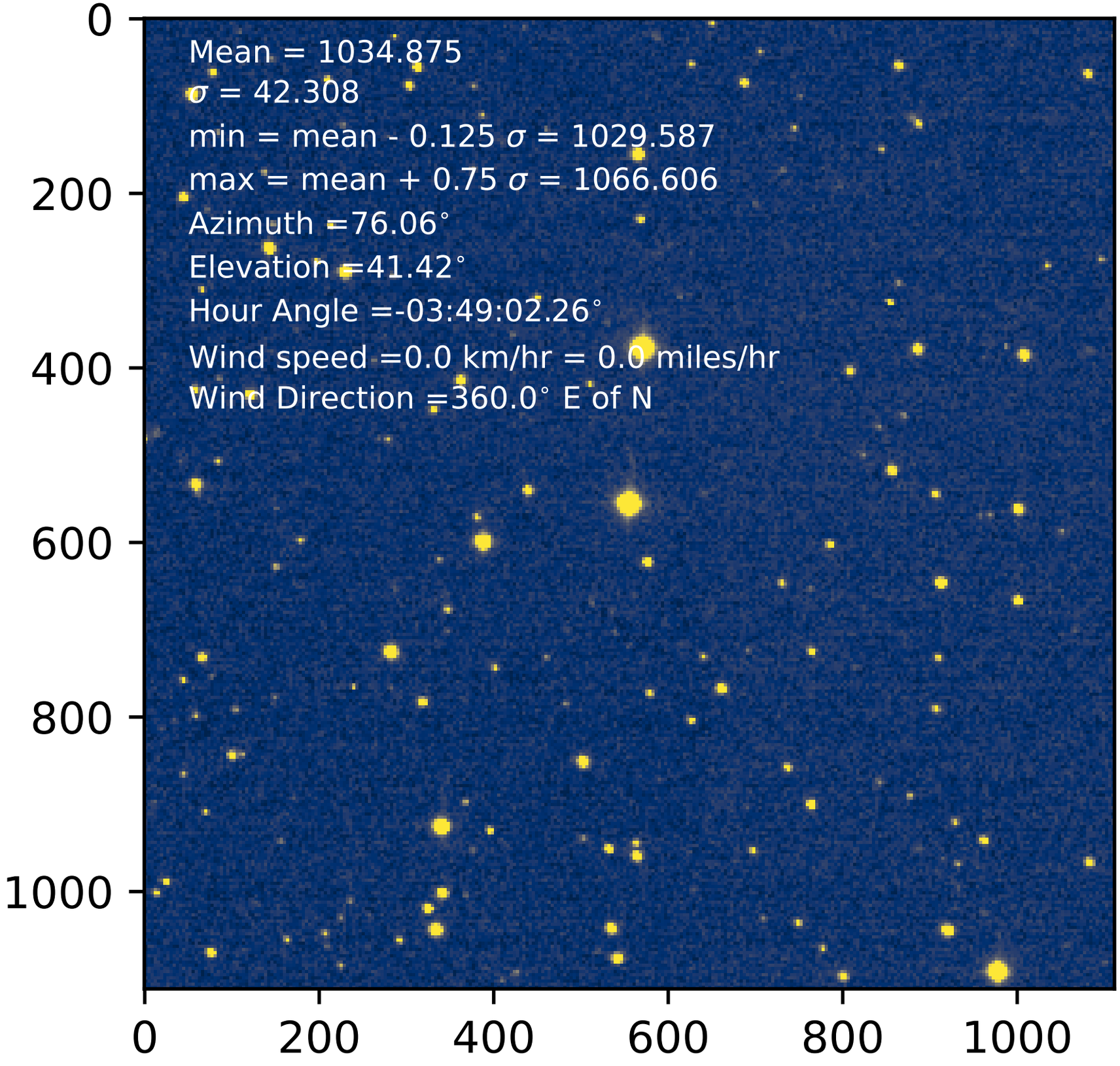

Mean = 1035.521
σ = 42.157
min = mean - 0.125 σ = 1030.251
max = mean + 0.75 σ = 1067.139
Azimuth =75.74°
Elevation =40.67°
Hour Angle =-03:52:40.86°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

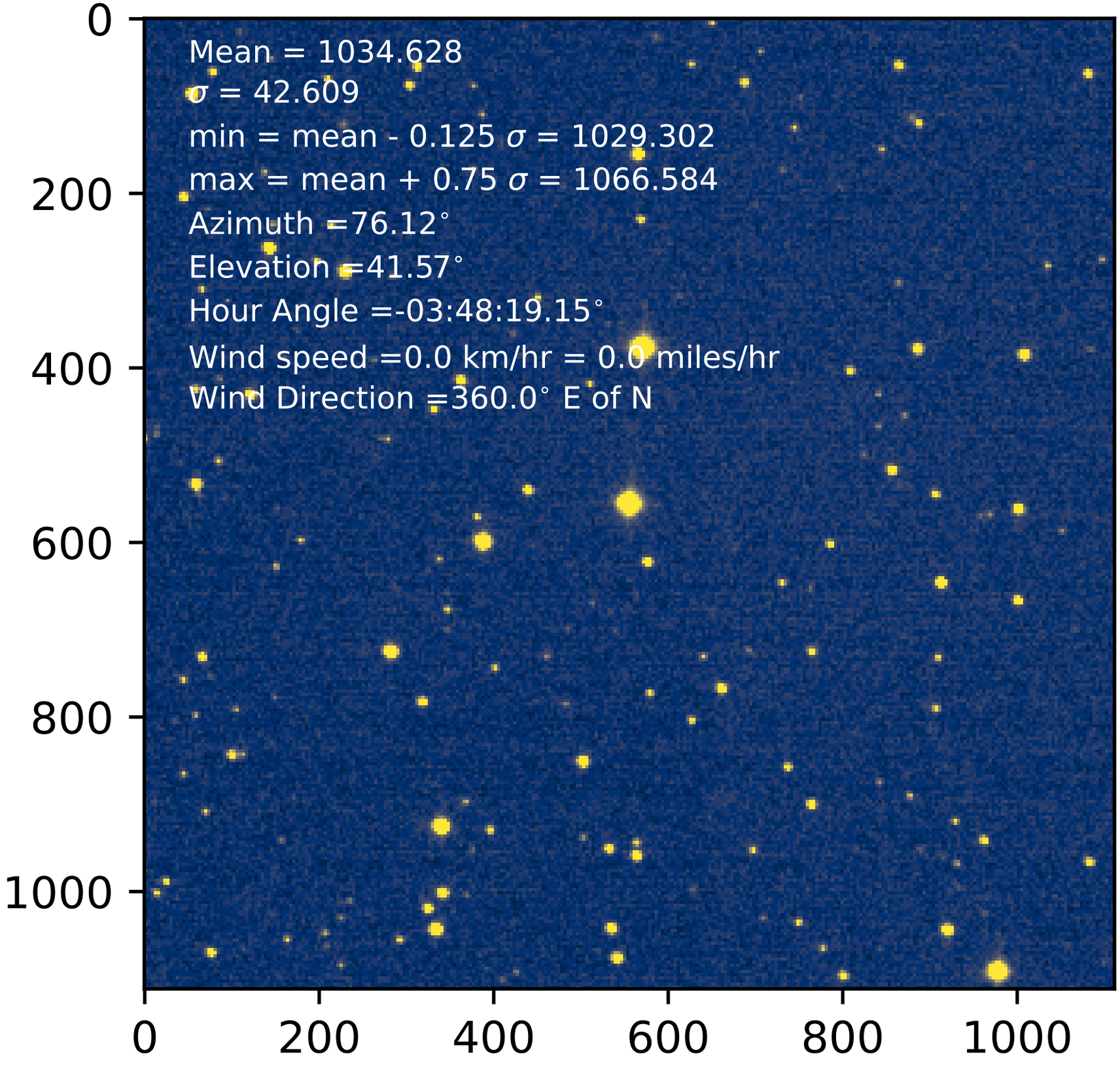

Mean = 1035.455
σ = 42.358
min = mean - 0.125 σ = 1030.16
max = mean + 0.75 σ = 1067.223
Azimuth =75.8°
Elevation =40.82°
Hour Angle =-03:51:57.74°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

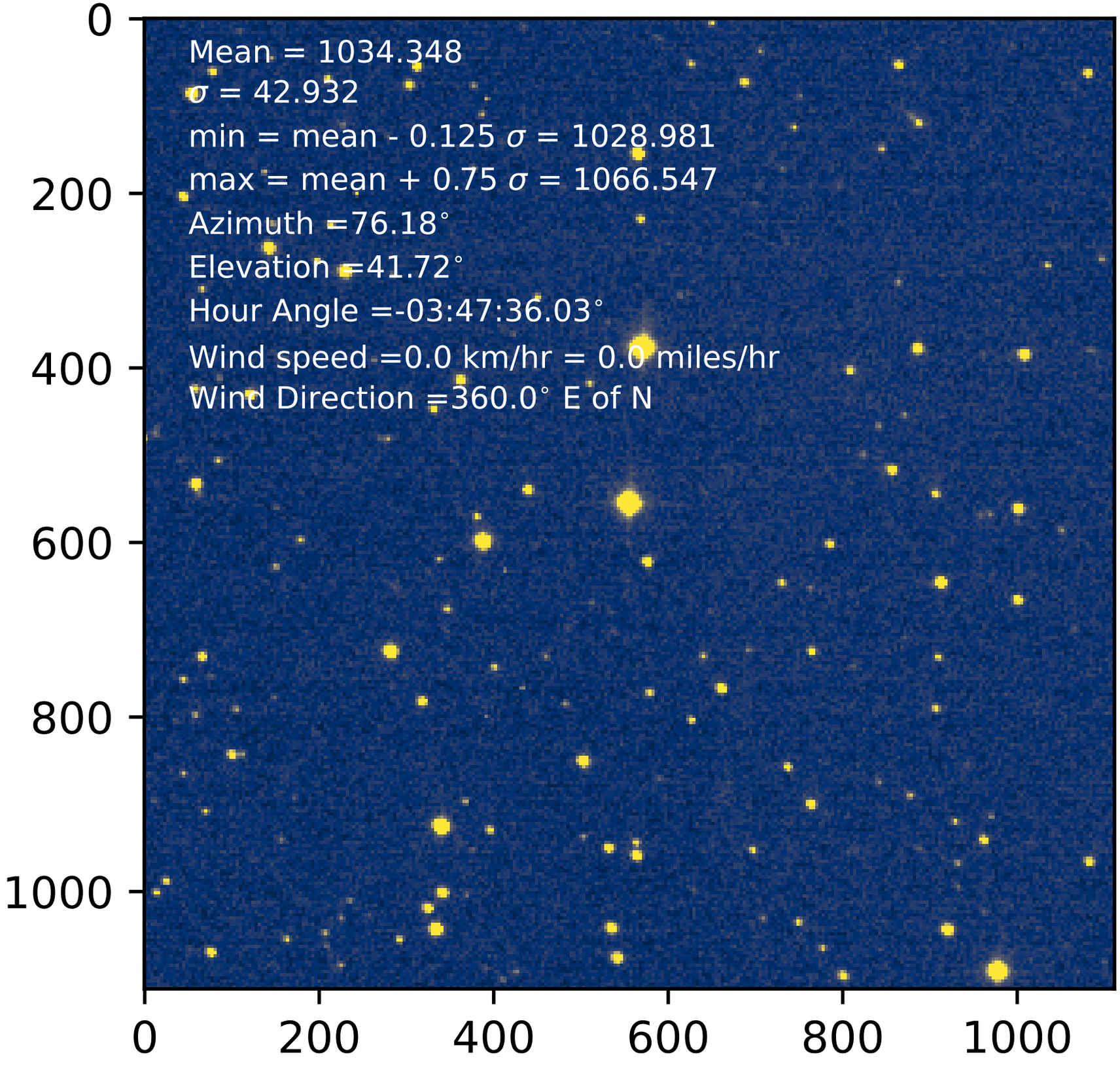

Mean = 1035.317
σ = 42.386
min = mean - 0.125 σ = 1030.018
max = mean + 0.75 σ = 1067.106
Azimuth =75.87°
Elevation =40.97°
Hour Angle =-03:51:13.62°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

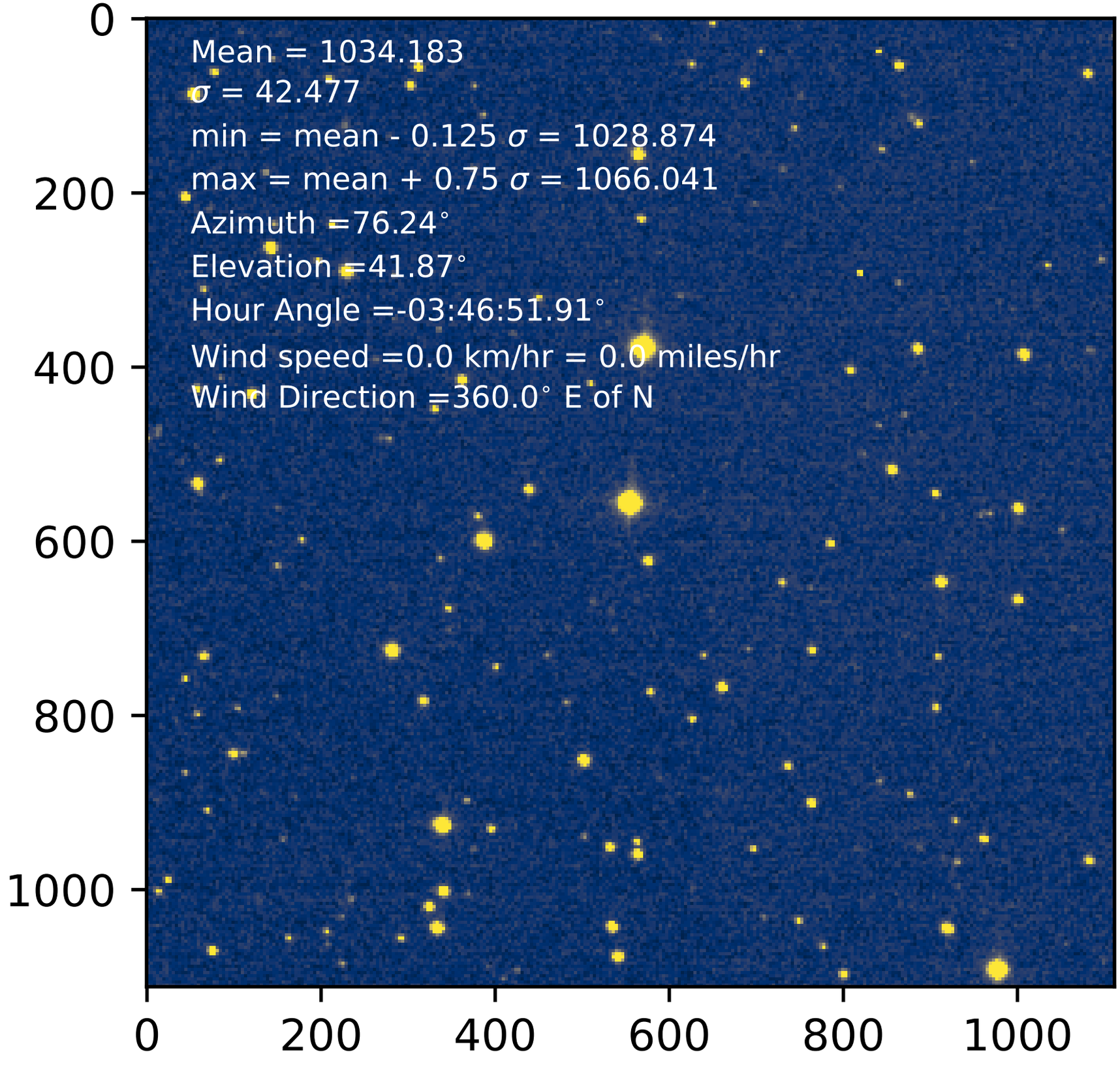

Mean = 1035.204
σ = 42.525
min = mean - 0.125 σ = 1029.889
max = mean + 0.75 σ = 1067.098
Azimuth =75.93°
Elevation =41.12°
Hour Angle =-03:50:30.50°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

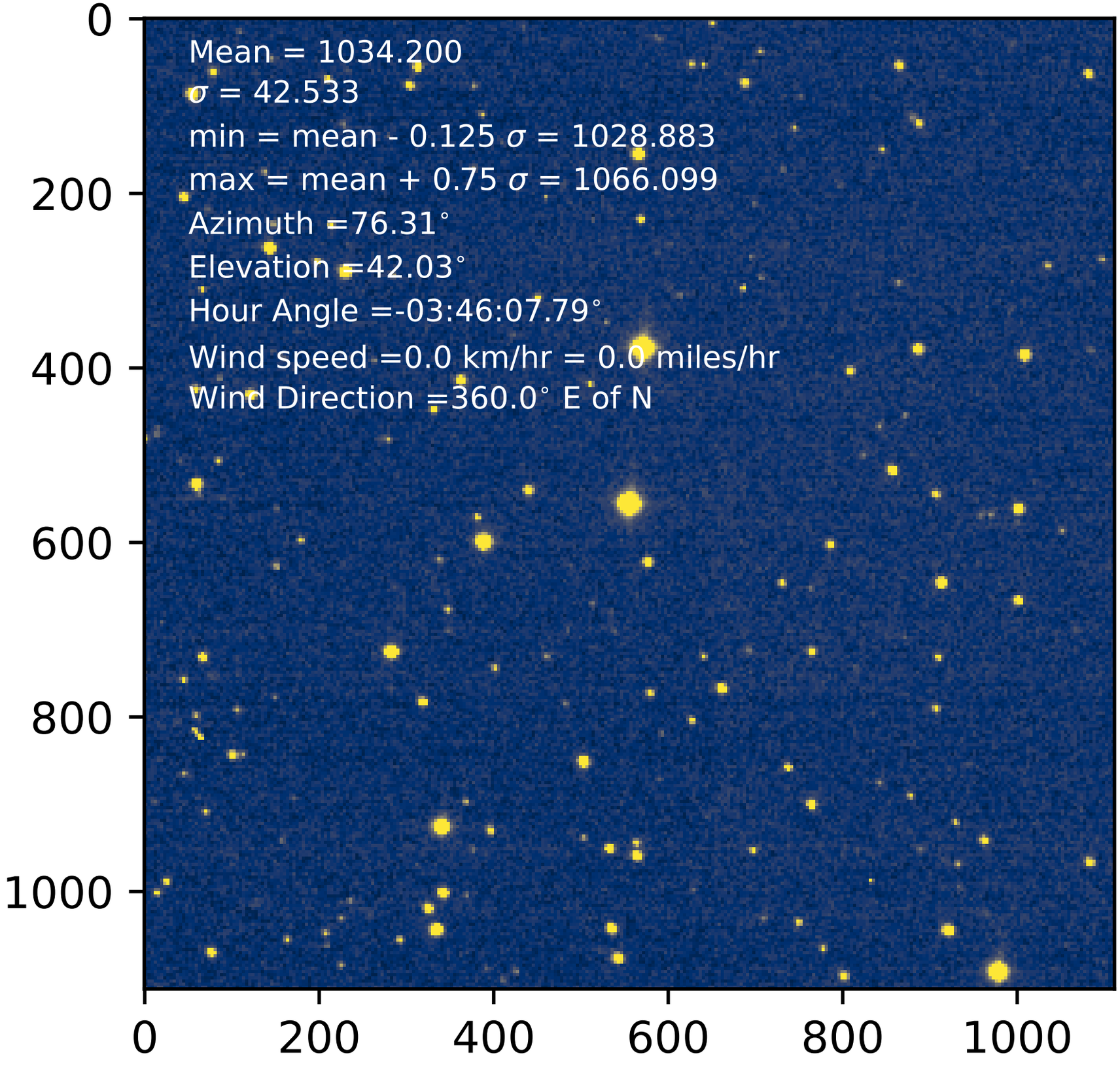

Mean = 1034.970
σ = 42.427
min = mean - 0.125 σ = 1029.667
max = mean + 0.75 σ = 1066.791
Azimuth =75.99°
Elevation =41.27°
Hour Angle =-03:49:46.38°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

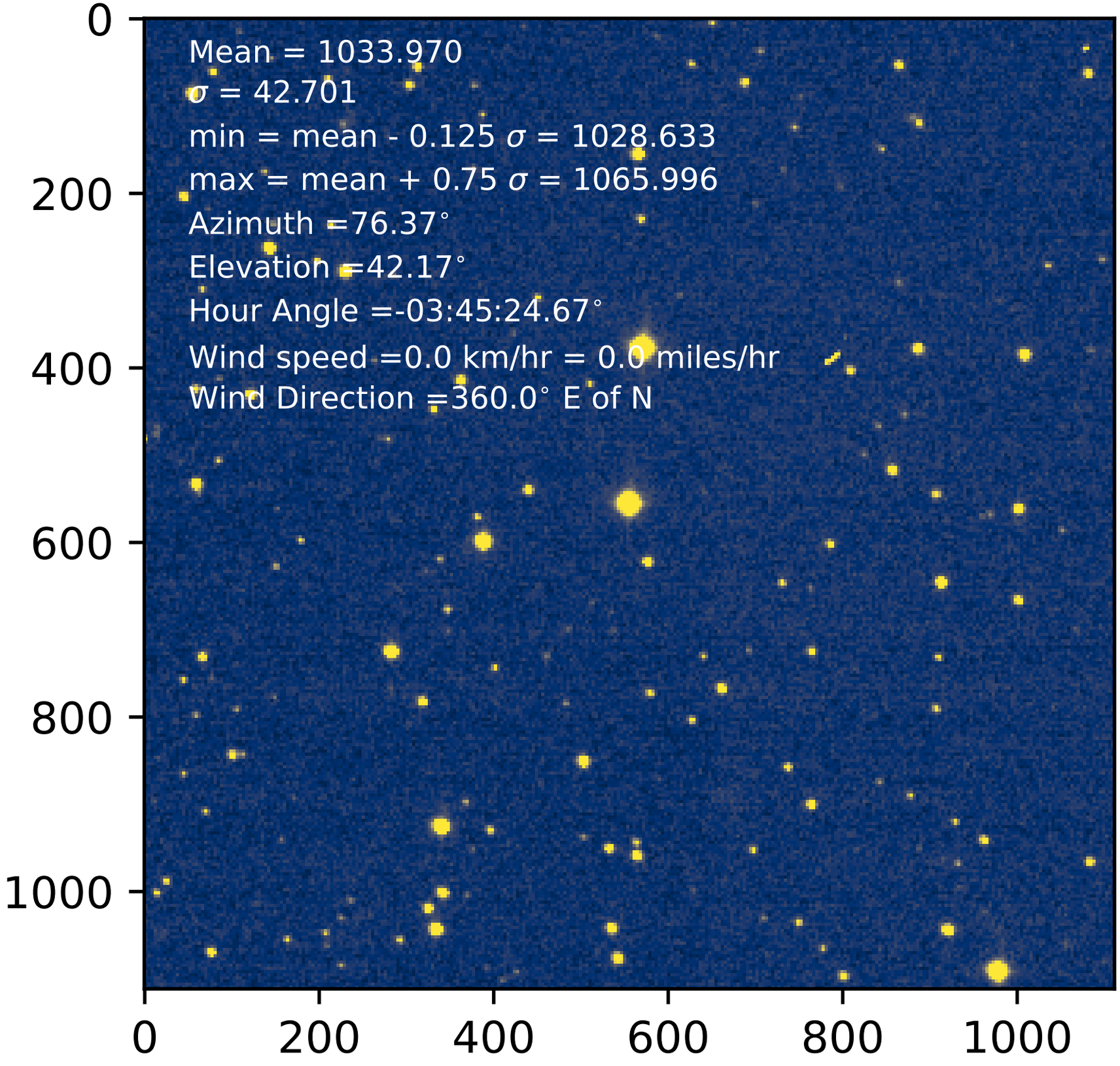

Mean = 1034.875
σ = 42.308
min = mean - 0.125 σ = 1029.587
max = mean + 0.75 σ = 1066.606
Azimuth =76.06°
Elevation =41.42°
Hour Angle =-03:49:02.26°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

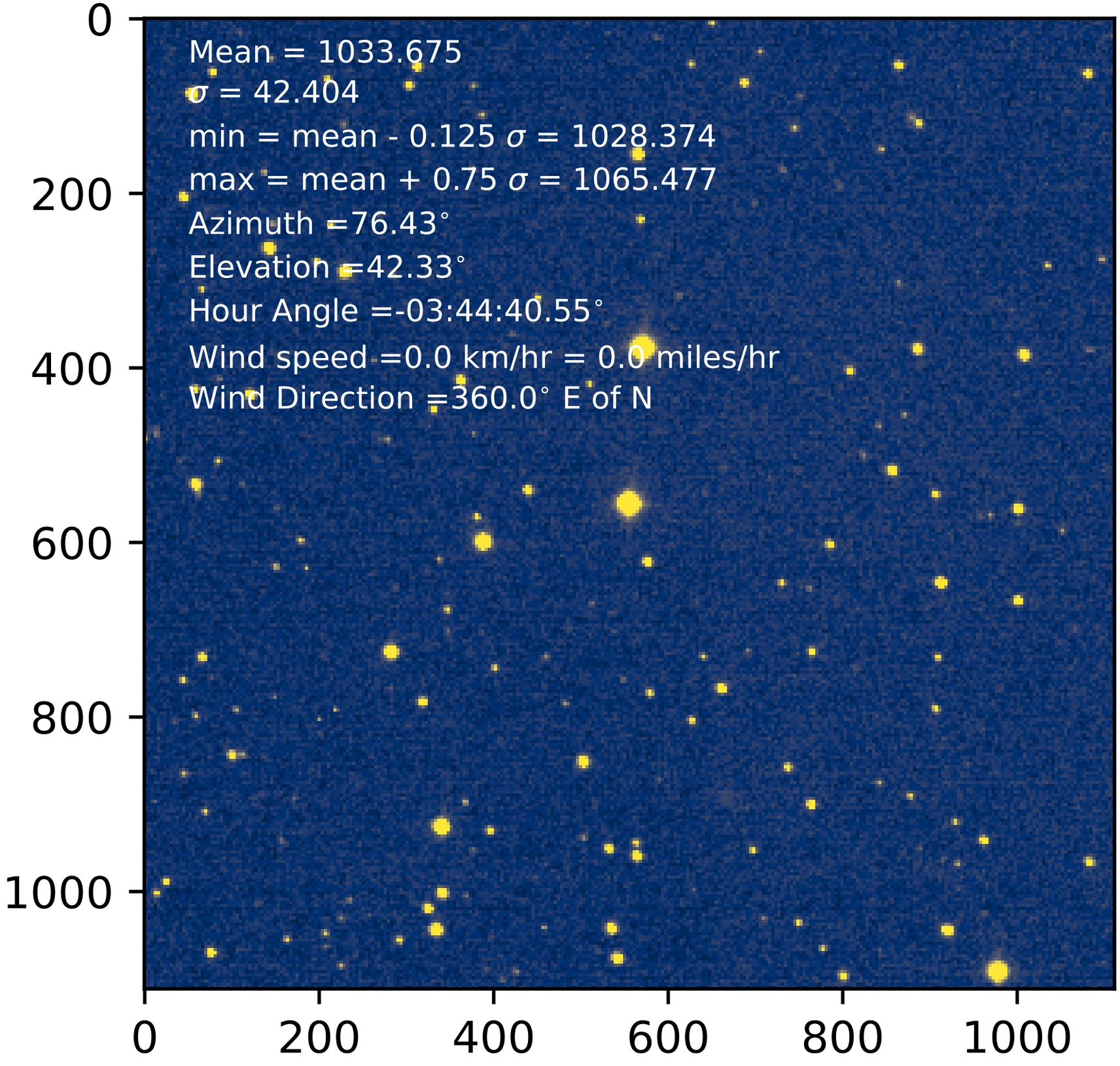

Mean = 1034.628
σ = 42.609
min = mean - 0.125 σ = 1029.302
max = mean + 0.75 σ = 1066.584
Azimuth =76.12°
Elevation =41.57°
Hour Angle =-03:48:19.15°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

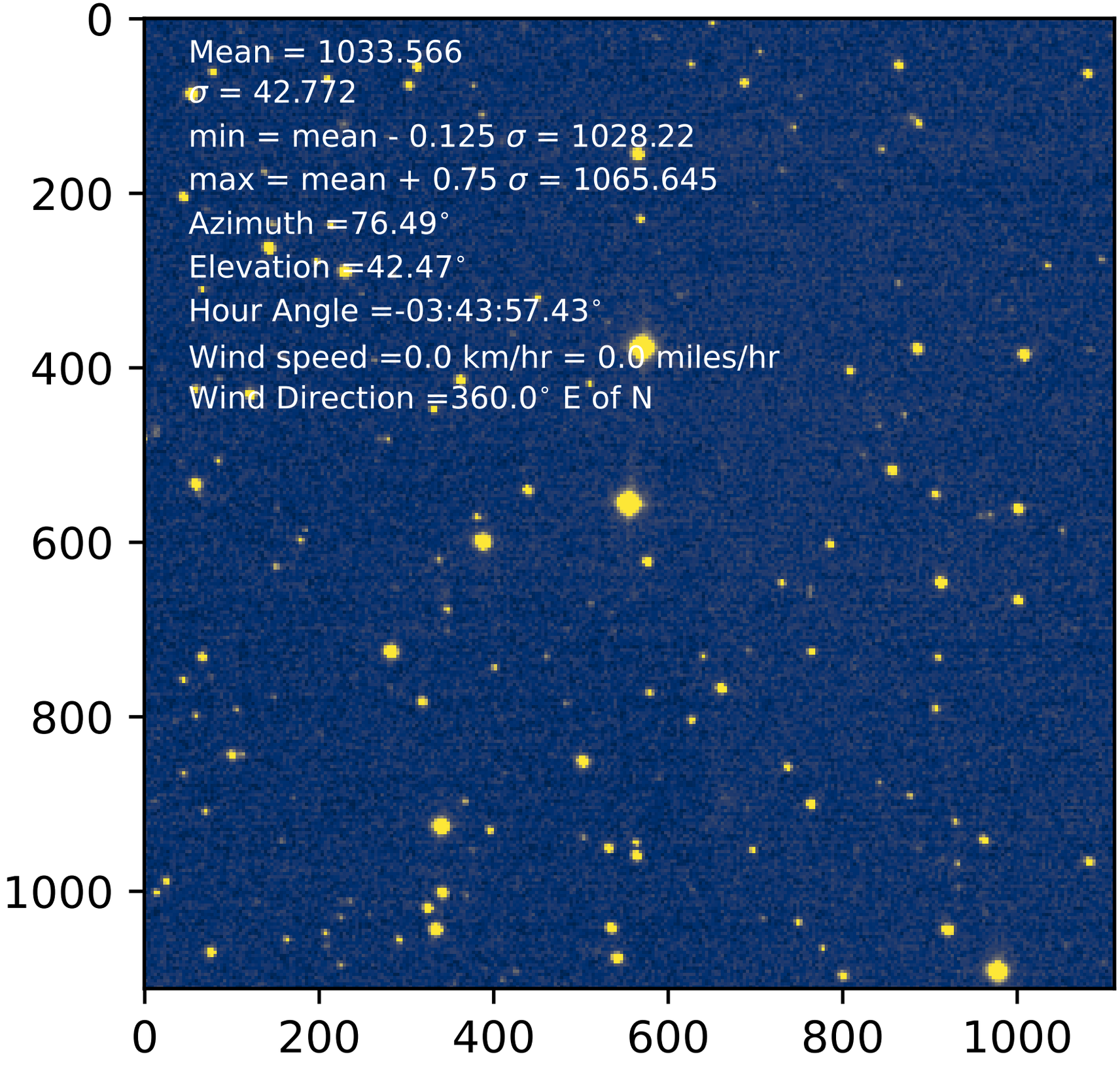

Mean = 1034.348
σ = 42.932
min = mean - 0.125 σ = 1028.981
max = mean + 0.75 σ = 1066.547
Azimuth =76.18°
Elevation =41.72°
Hour Angle =-03:47:36.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1034.183
σ = 42.477
min = mean - 0.125 σ = 1028.874
max = mean + 0.75 σ = 1066.041
Azimuth =76.24°
Elevation =41.87°
Hour Angle =-03:46:51.91°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1034.200
σ = 42.533
min = mean - 0.125 σ = 1028.883
max = mean + 0.75 σ = 1066.099
Azimuth =76.31°
Elevation =42.03°
Hour Angle =-03:46:07.79°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1033.970
σ = 42.701
min = mean - 0.125 σ = 1028.633
max = mean + 0.75 σ = 1065.996
Azimuth =76.37°
Elevation =42.17°
Hour Angle =-03:45:24.67°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1033.675
σ = 42.404
min = mean - 0.125 σ = 1028.374
max = mean + 0.75 σ = 1065.477
Azimuth =76.43°
Elevation =42.33°
Hour Angle =-03:44:40.55°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1033.566
σ = 42.772
min = mean - 0.125 σ = 1028.22
max = mean + 0.75 σ = 1065.645
Azimuth =76.49°
Elevation =42.47°
Hour Angle =-03:43:57.43°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
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800
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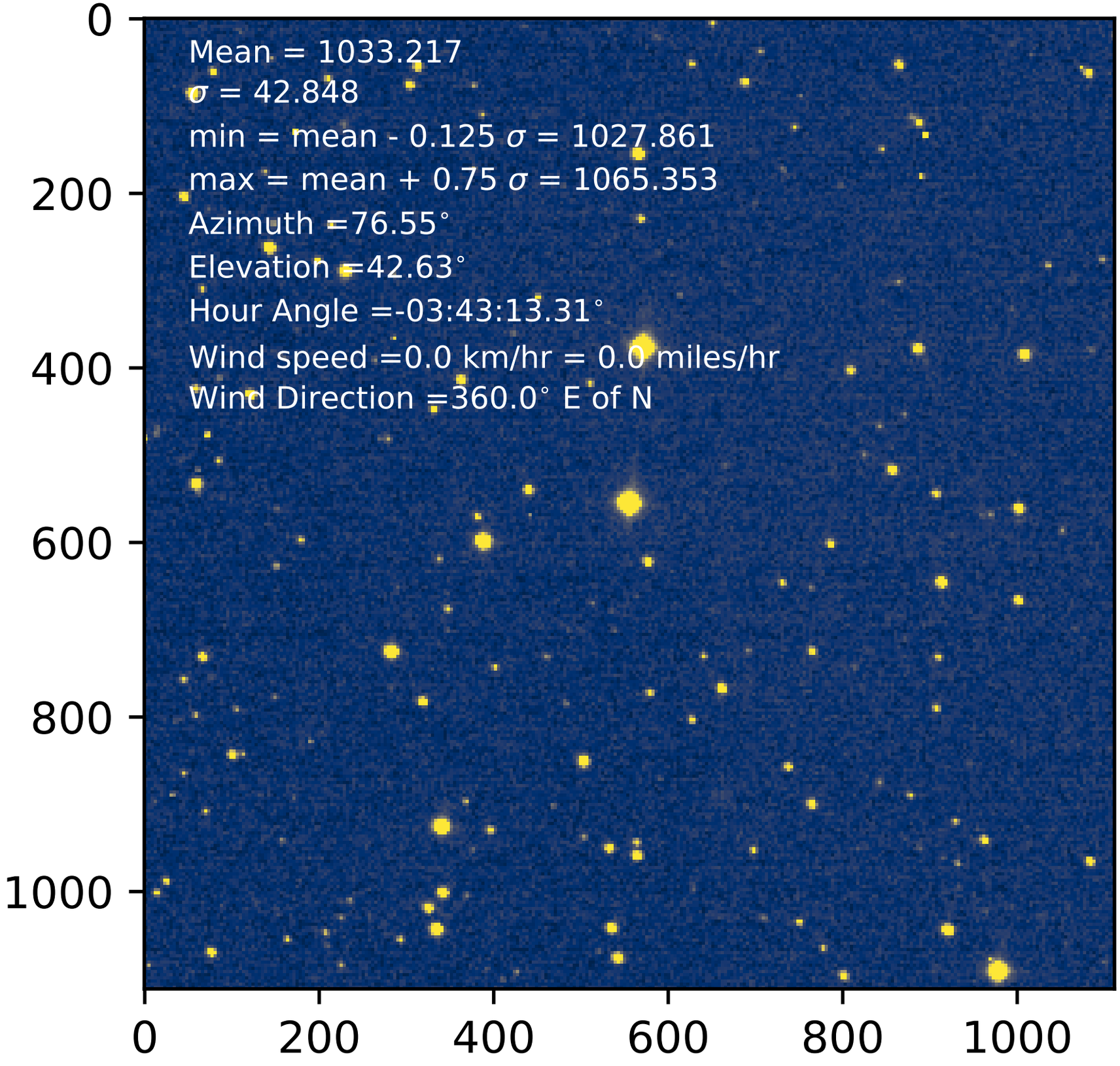
Mean = 1033.217
σ = 42.848
min = mean - 0.125 σ = 1027.861
max = mean + 0.75 σ = 1065.353
Azimuth =76.55°
Elevation =42.63°
Hour Angle =-03:43:13.31°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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800
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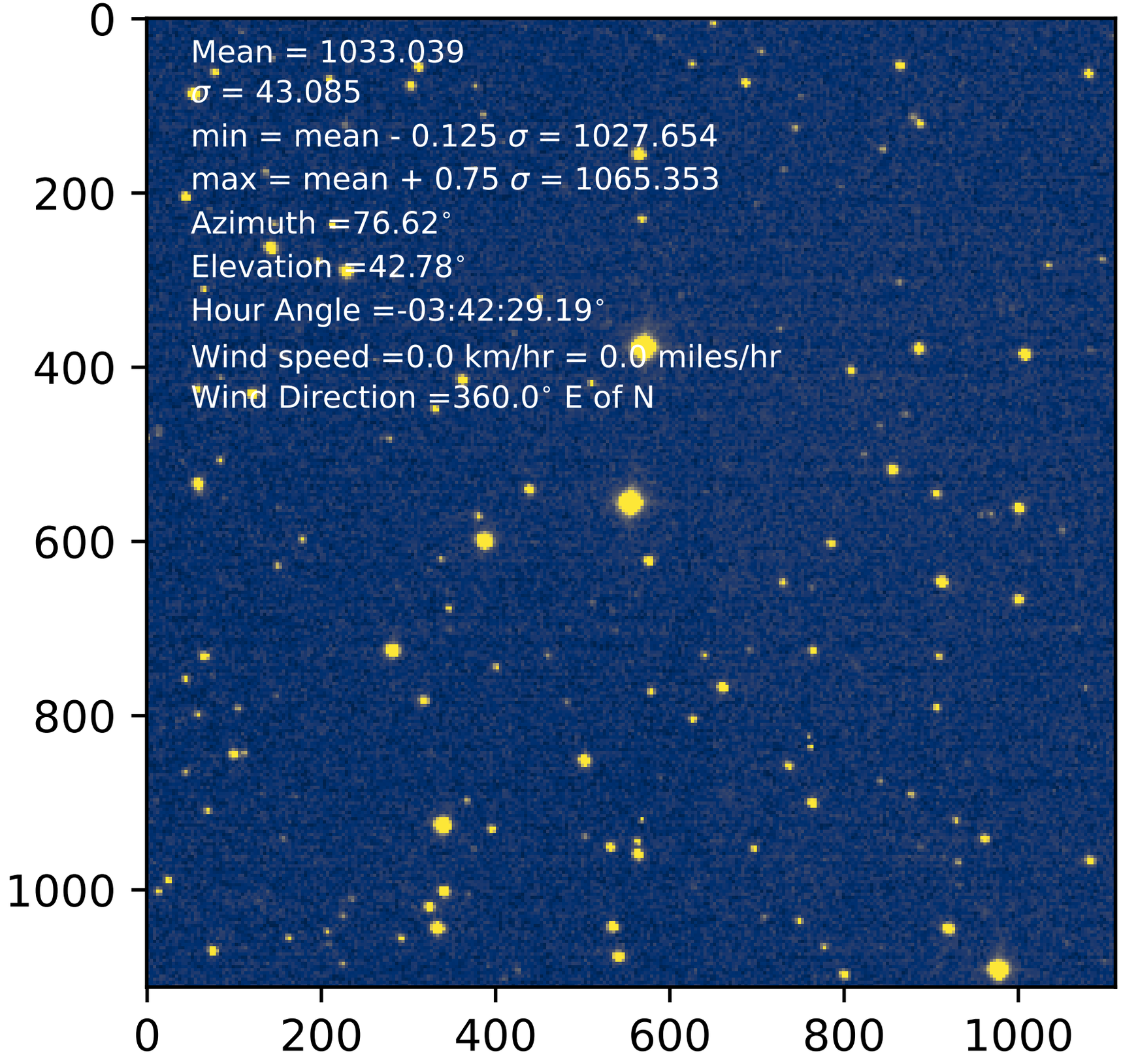
Mean = 1033.039
σ = 43.085
min = mean - 0.125 σ = 1027.654
max = mean + 0.75 σ = 1065.353
Azimuth =76.62°
Elevation =42.78°
Hour Angle =-03:42:29.19°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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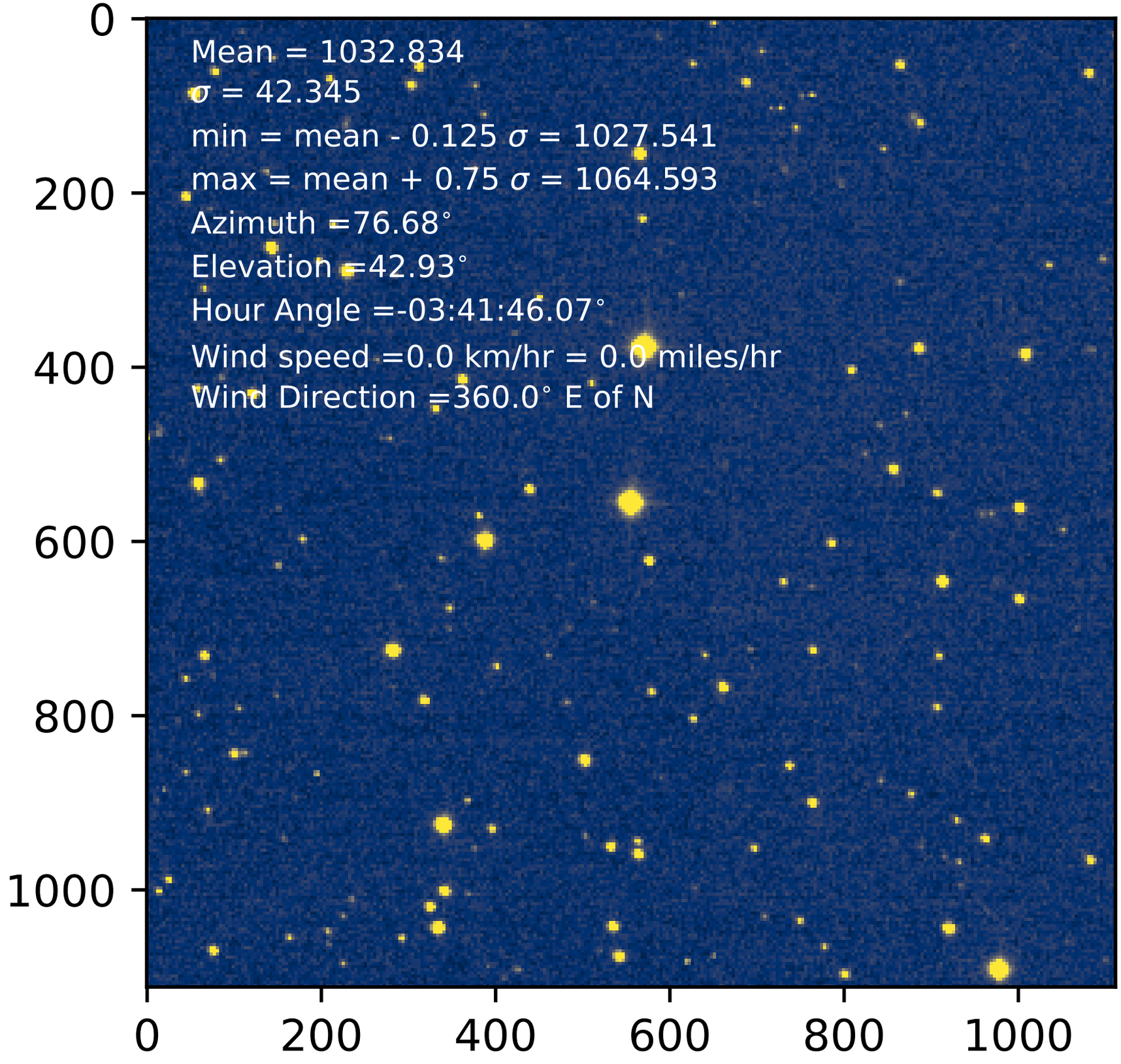
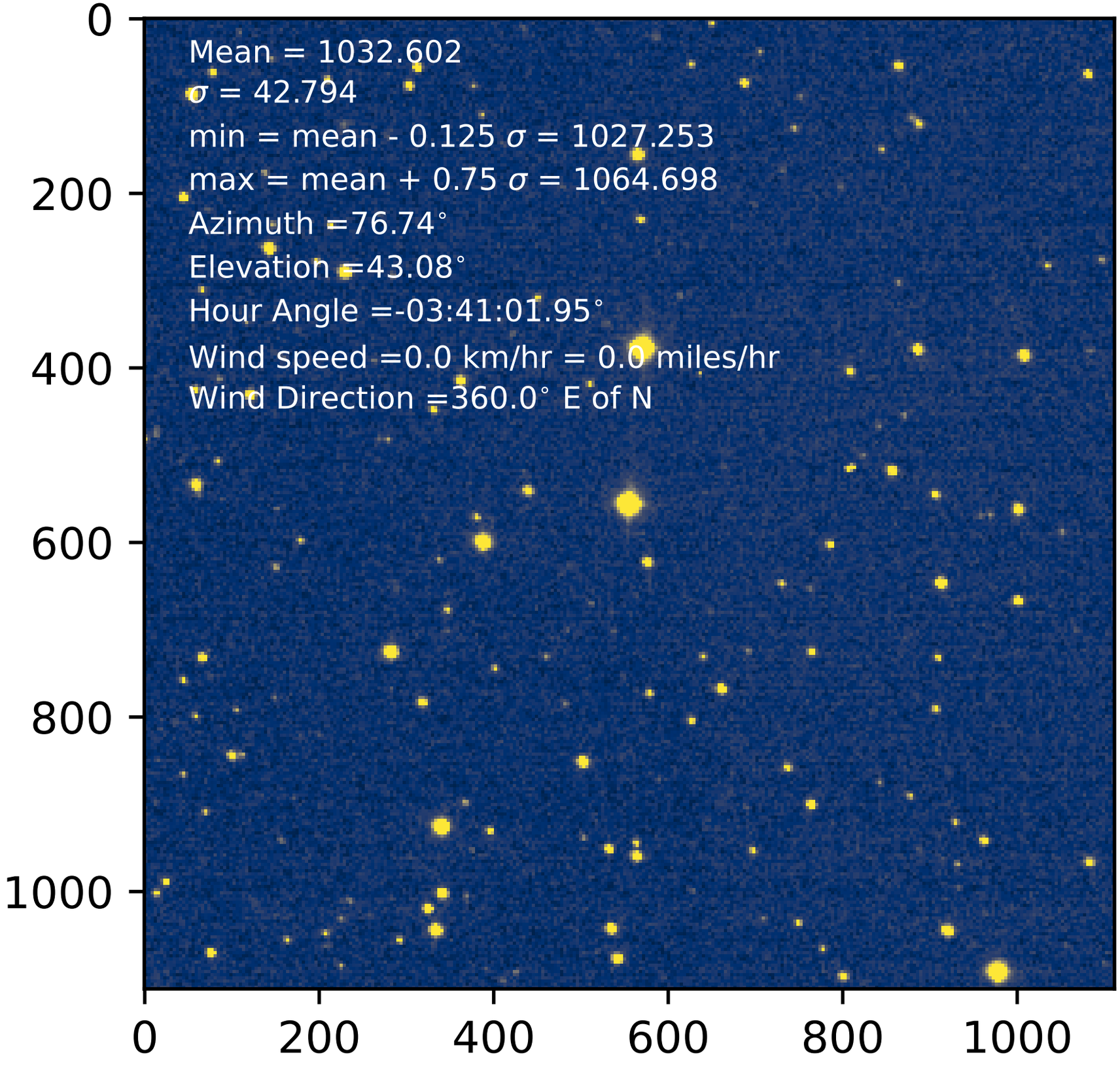
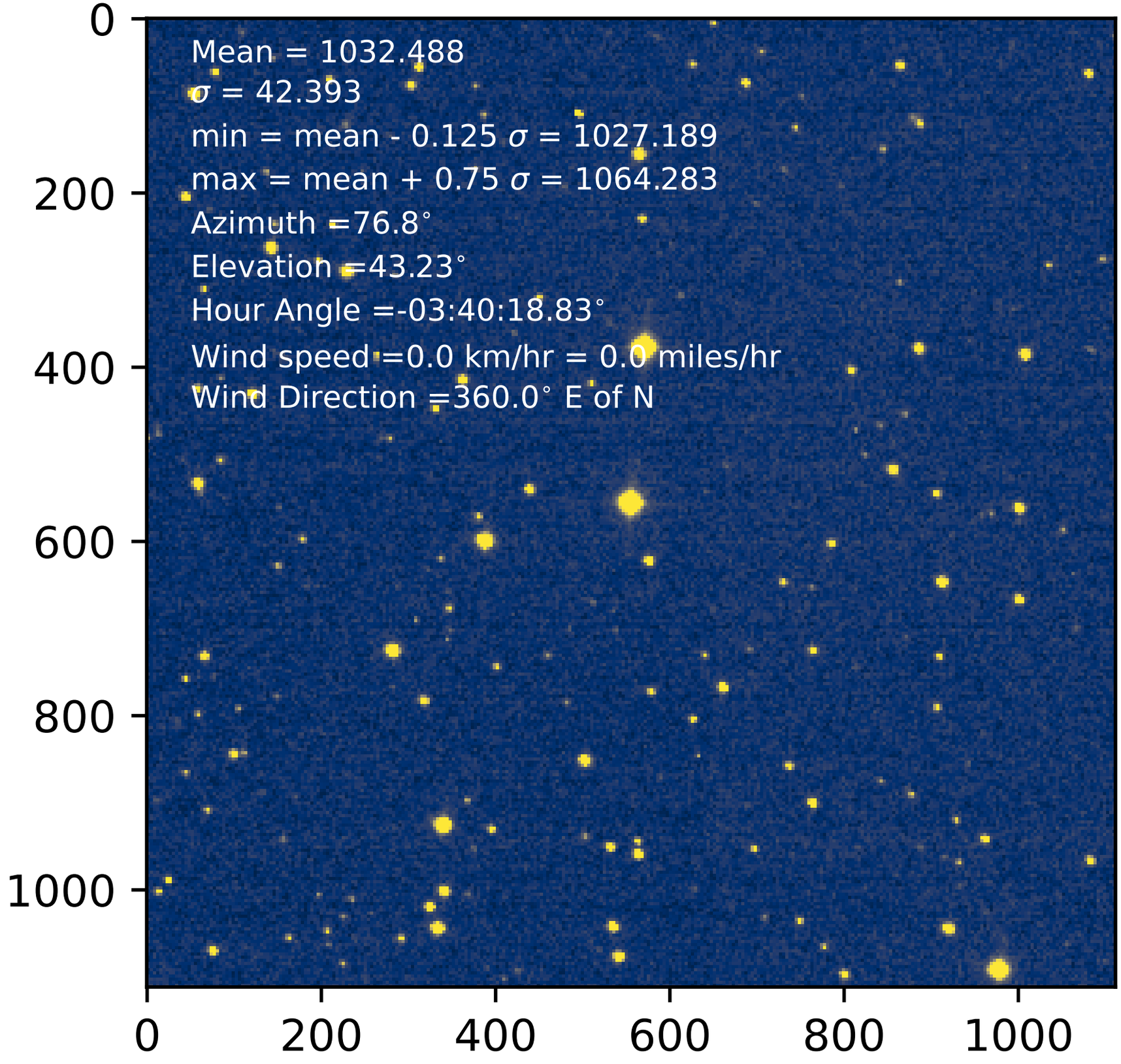
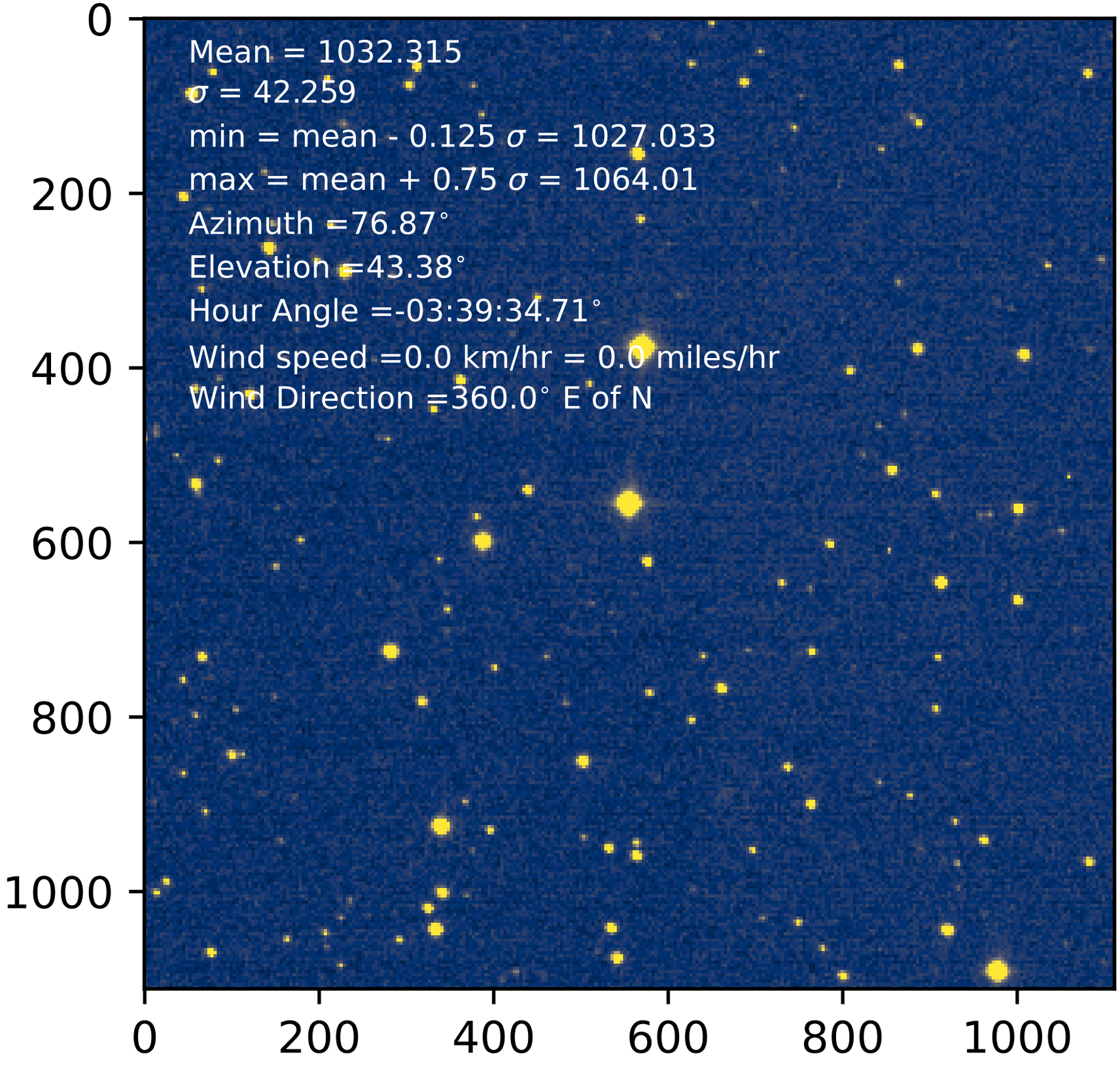
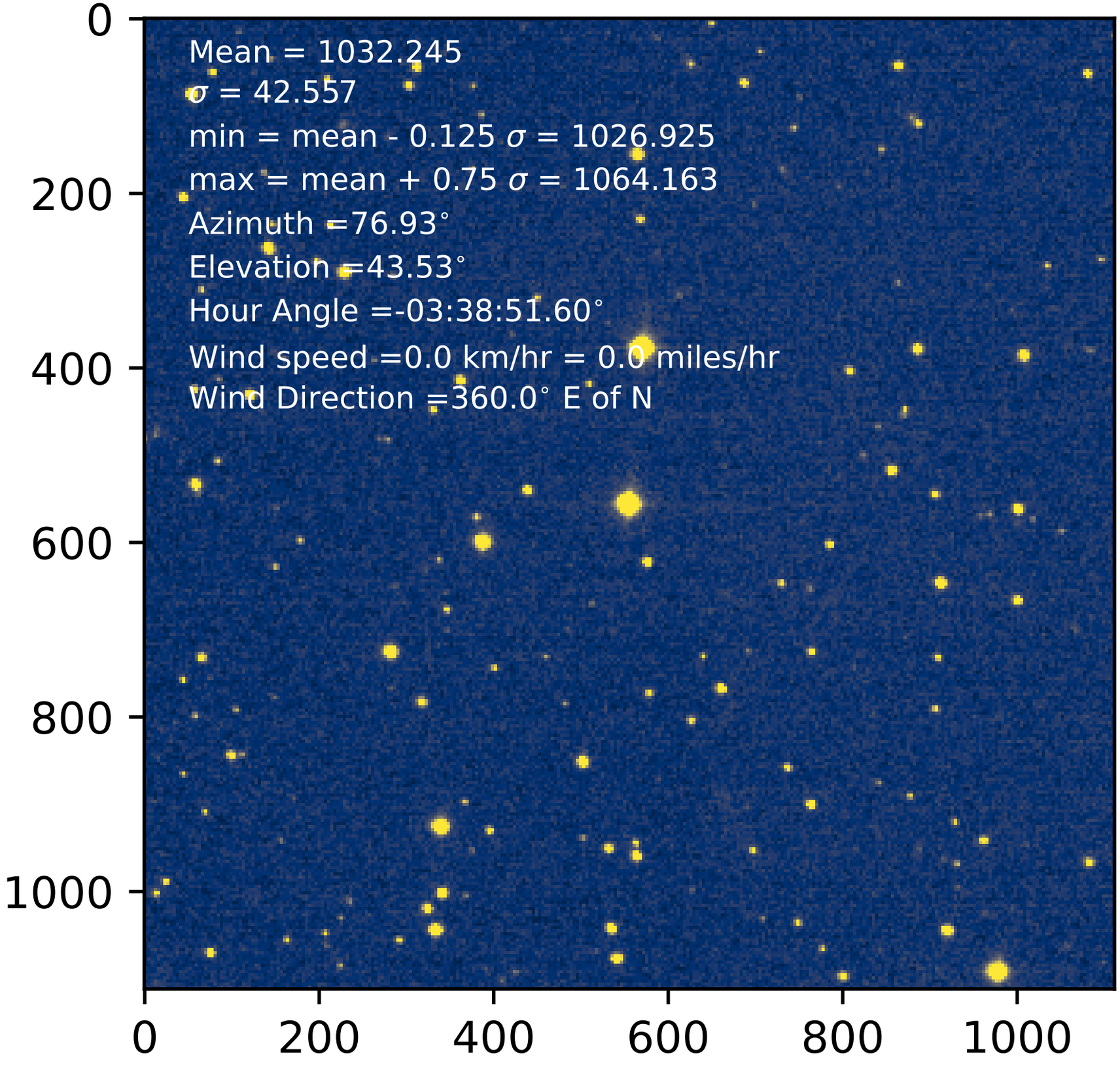
400
600
800
1000

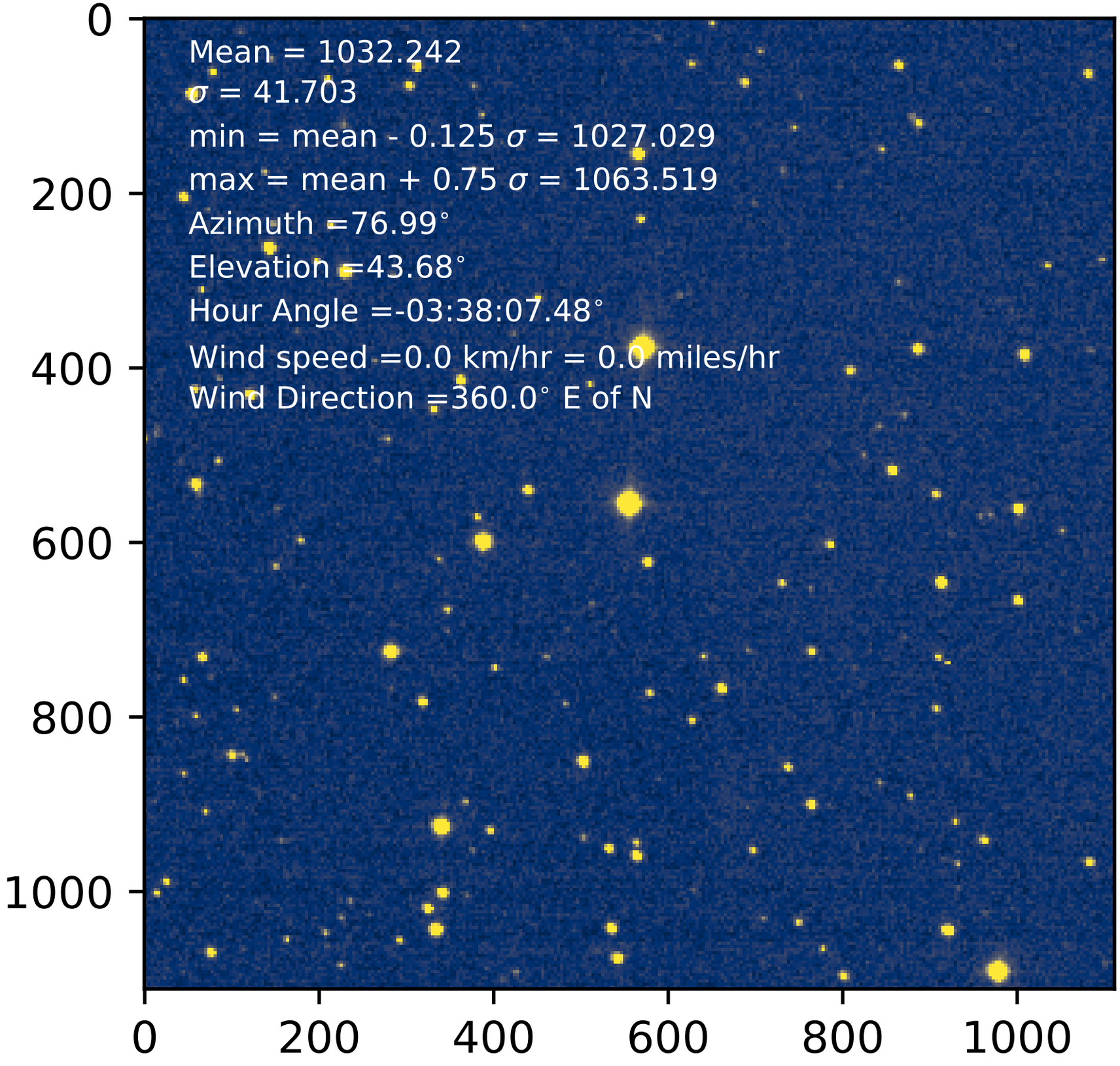

Mean = 1032.834
σ = 42.345
min = mean - 0.125 σ = 1027.541
max = mean + 0.75 σ = 1064.593
Azimuth =76.68°
Elevation =42.93°
Hour Angle =-03:41:46.07°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

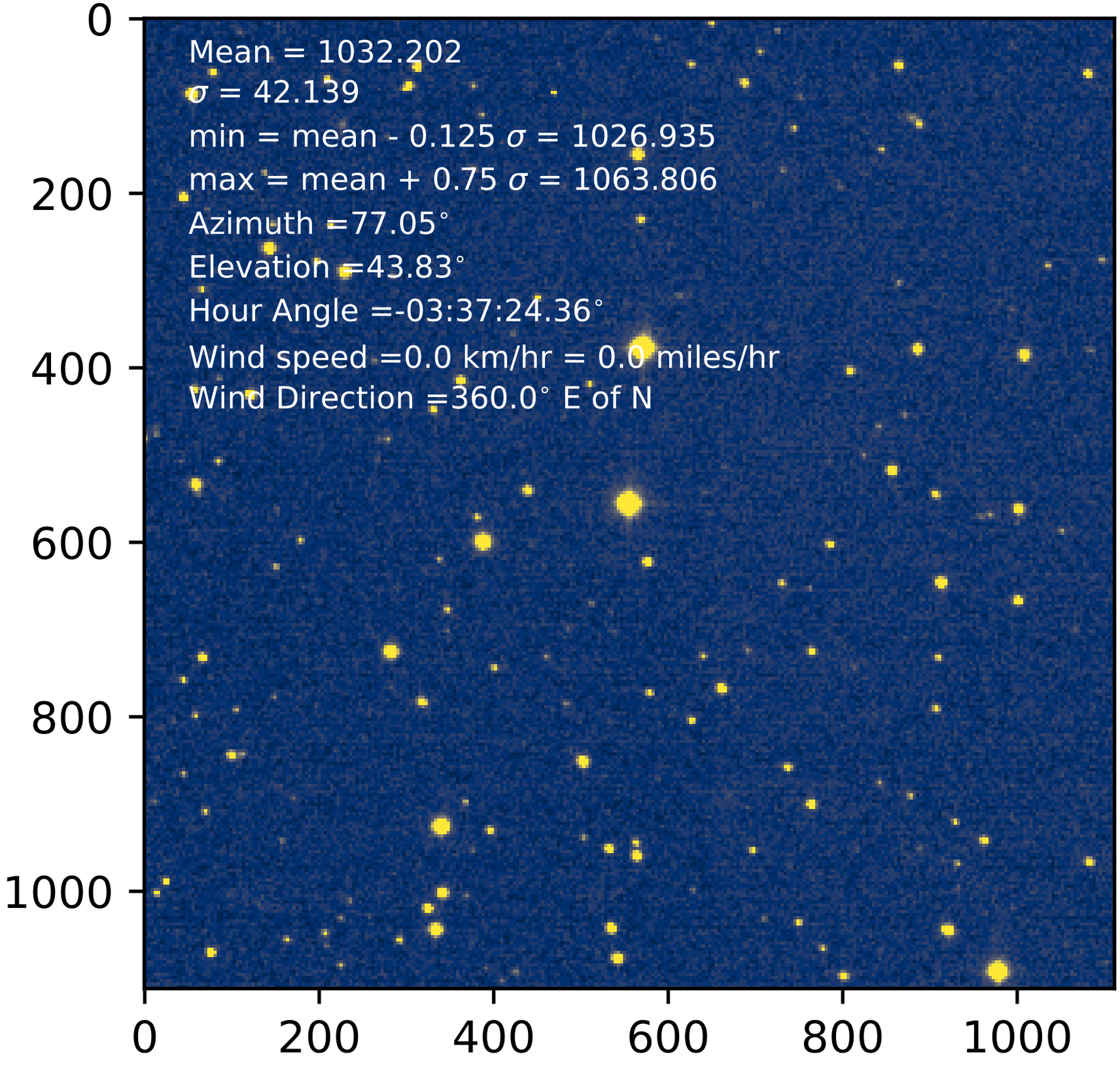

Mean = 1032.602
σ = 42.794
min = mean - 0.125 σ = 1027.253
max = mean + 0.75 σ = 1064.698
Azimuth =76.74°
Elevation =43.08°
Hour Angle =-03:41:01.95°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

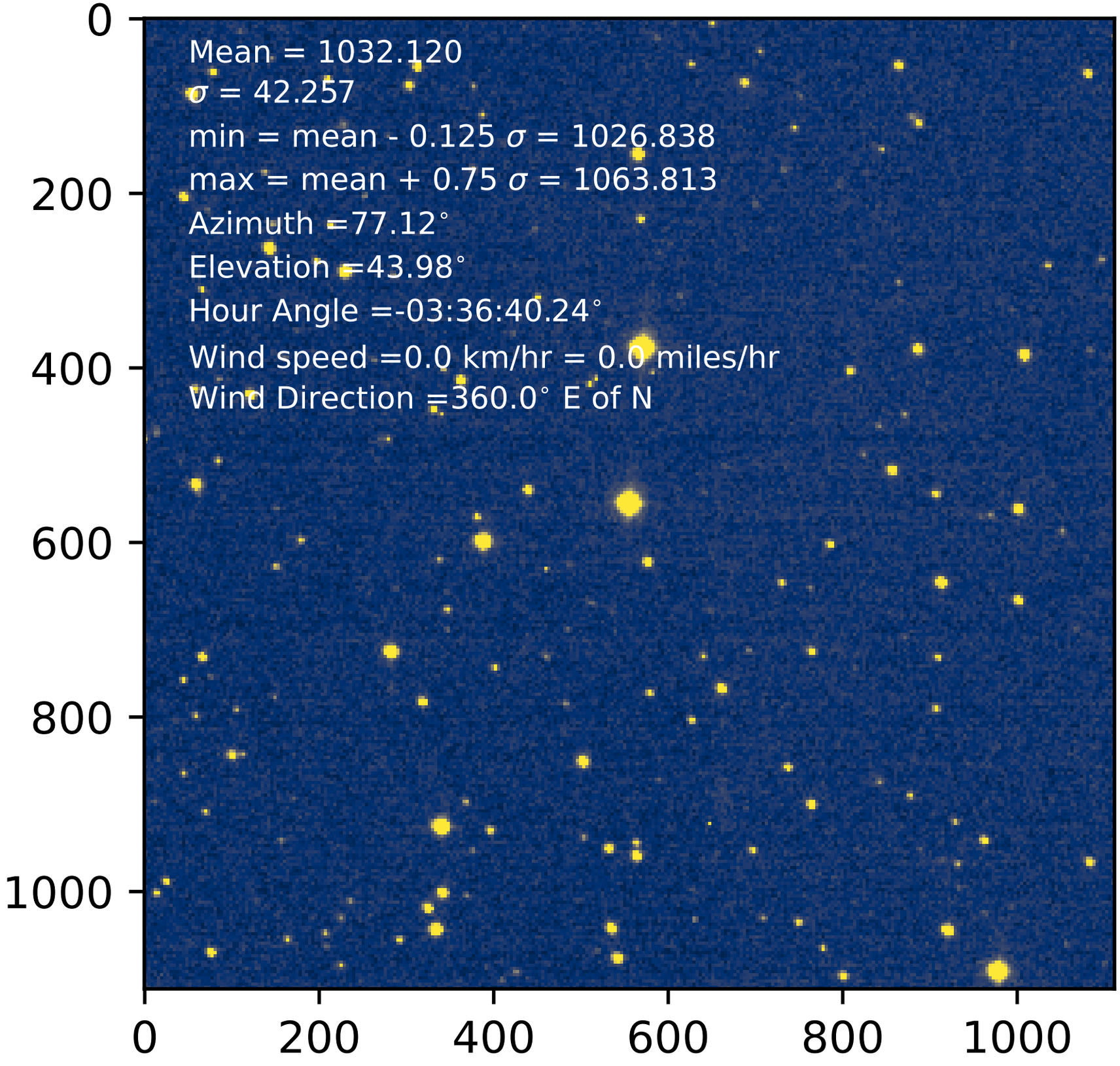

Mean = 1032.488
σ = 42.393
min = mean - 0.125 σ = 1027.189
max = mean + 0.75 σ = 1064.283
Azimuth =76.8°
Elevation =43.23°
Hour Angle =-03:40:18.83°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

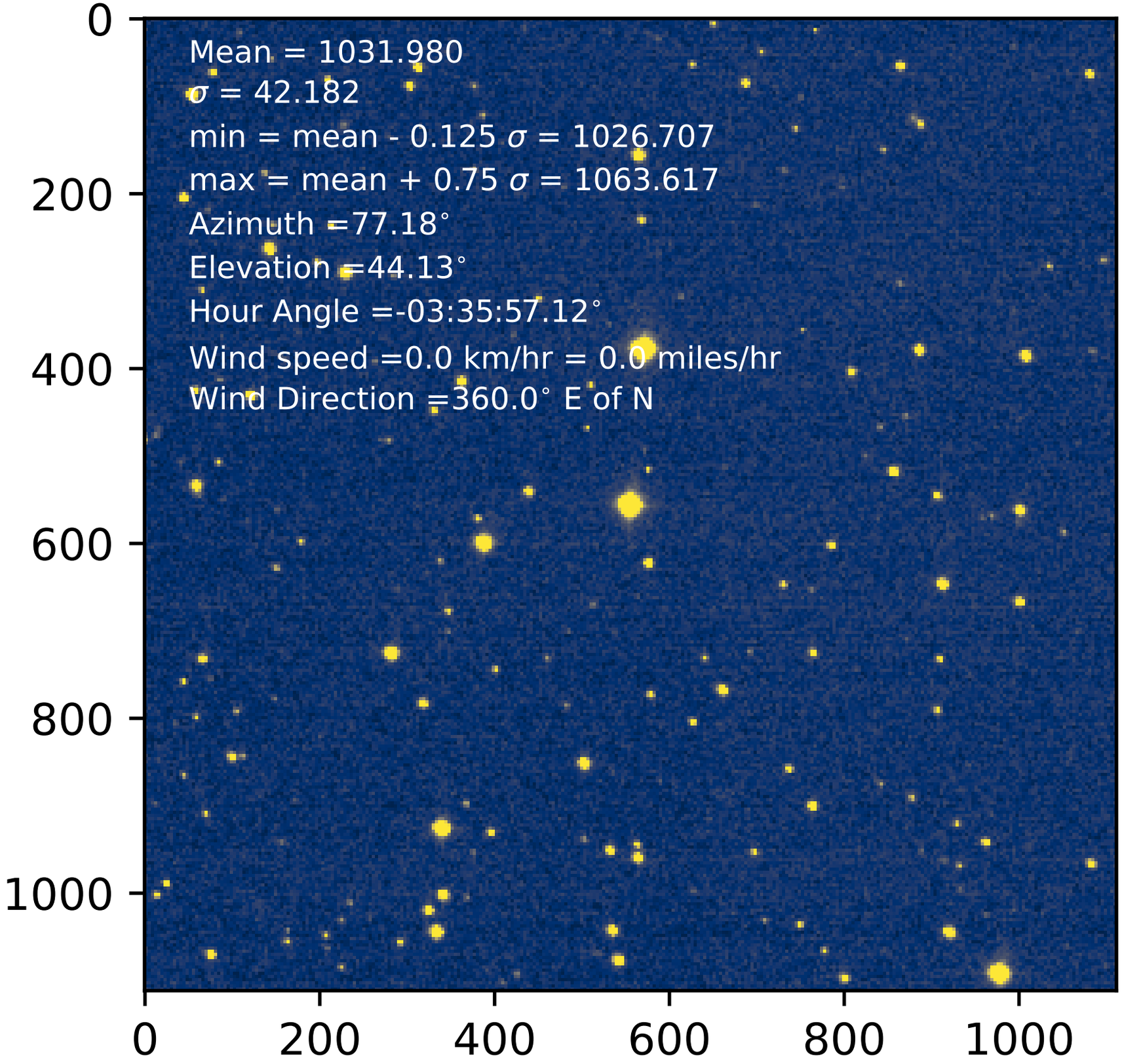

Mean = 1032.315
σ = 42.259
min = mean - 0.125 σ = 1027.033
max = mean + 0.75 σ = 1064.01
Azimuth =76.87°
Elevation =43.38°
Hour Angle =-03:39:34.71°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

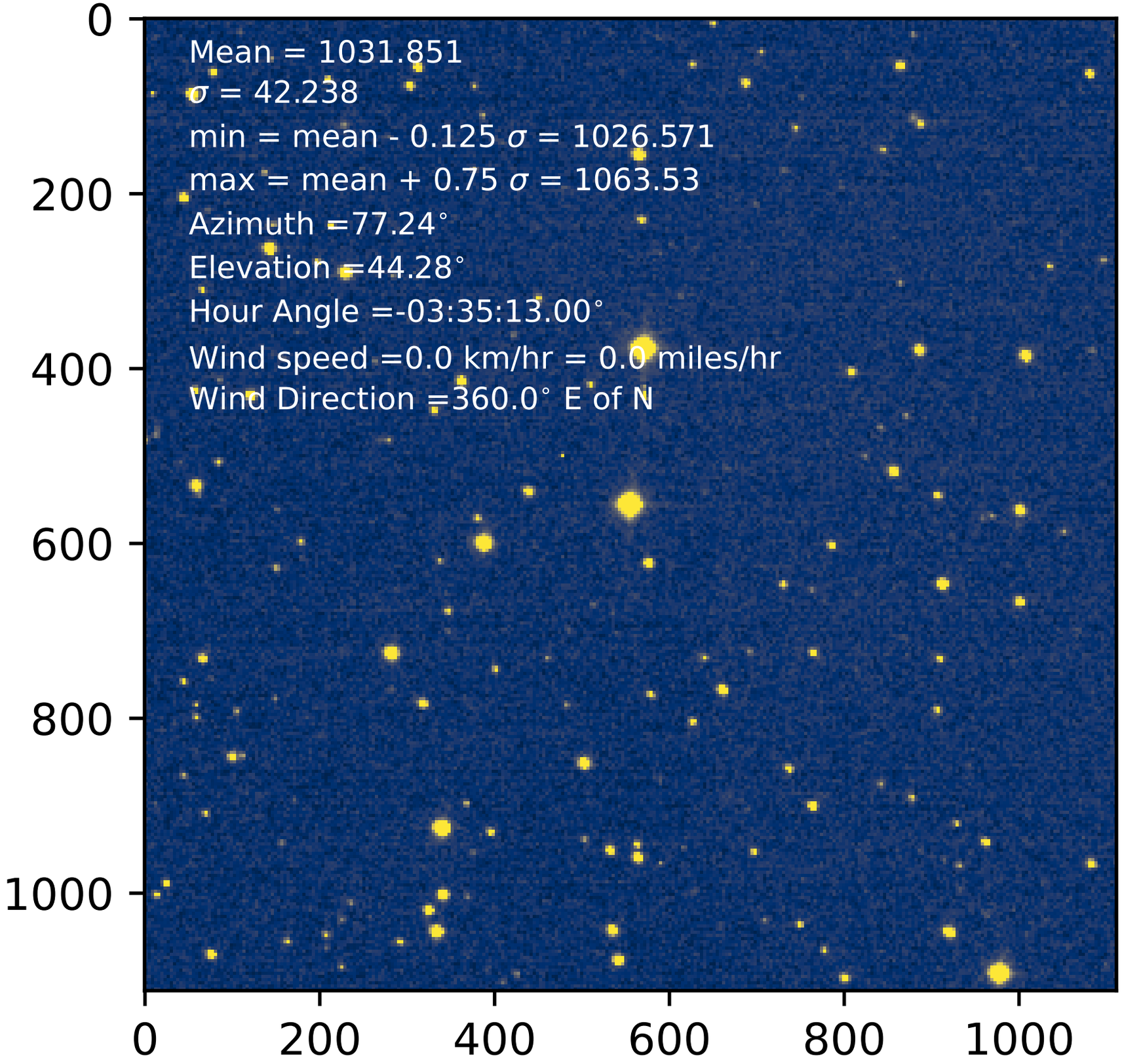

Mean = 1032.245
σ = 42.557
min = mean - 0.125 σ = 1026.925
max = mean + 0.75 σ = 1064.163
Azimuth =76.93°
Elevation =43.53°
Hour Angle =-03:38:51.60°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

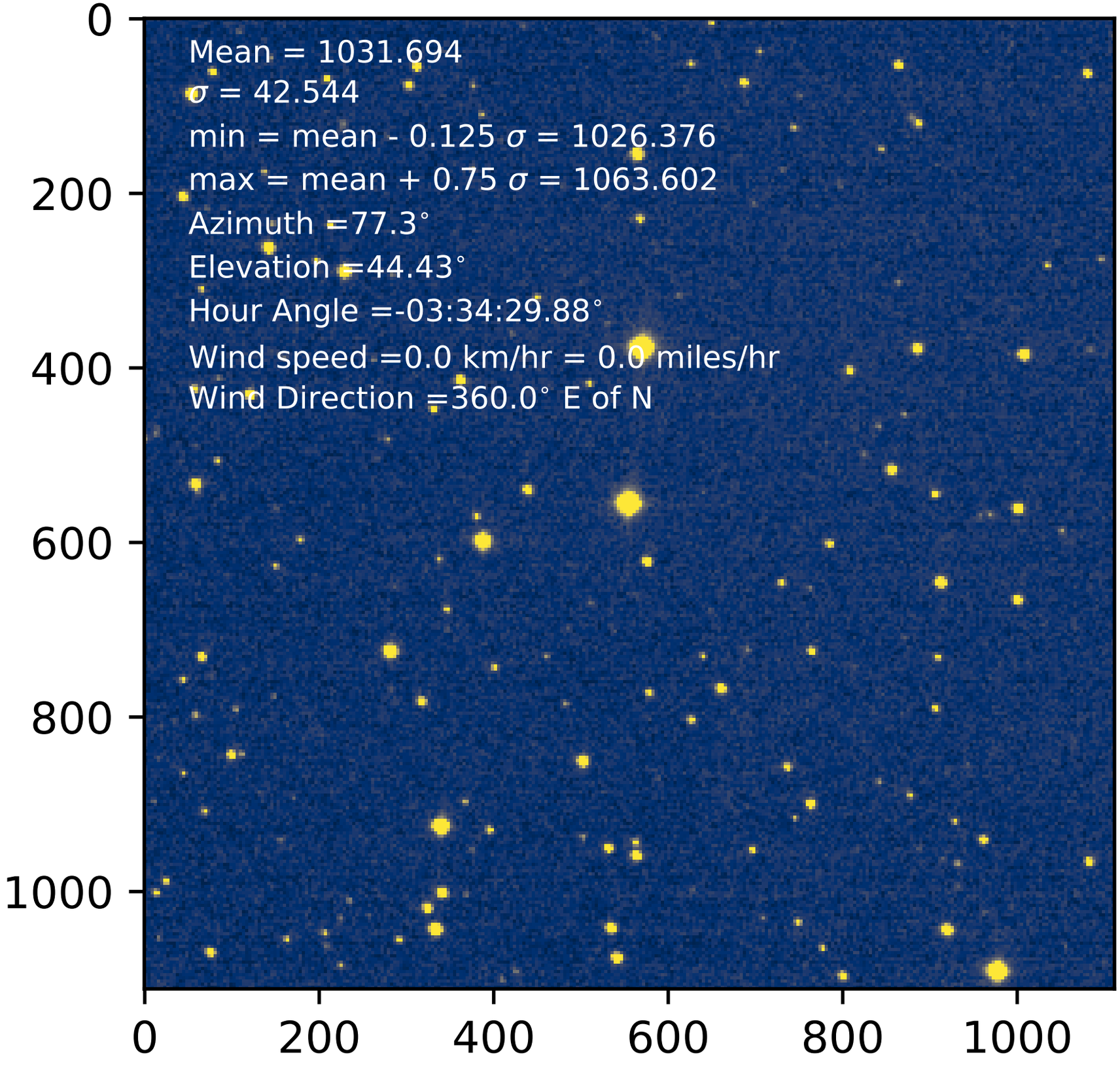

Mean = 1032.242
σ = 41.703
min = mean - 0.125 σ = 1027.029
max = mean + 0.75 σ = 1063.519
Azimuth =76.99°
Elevation =43.68°
Hour Angle =-03:38:07.48°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

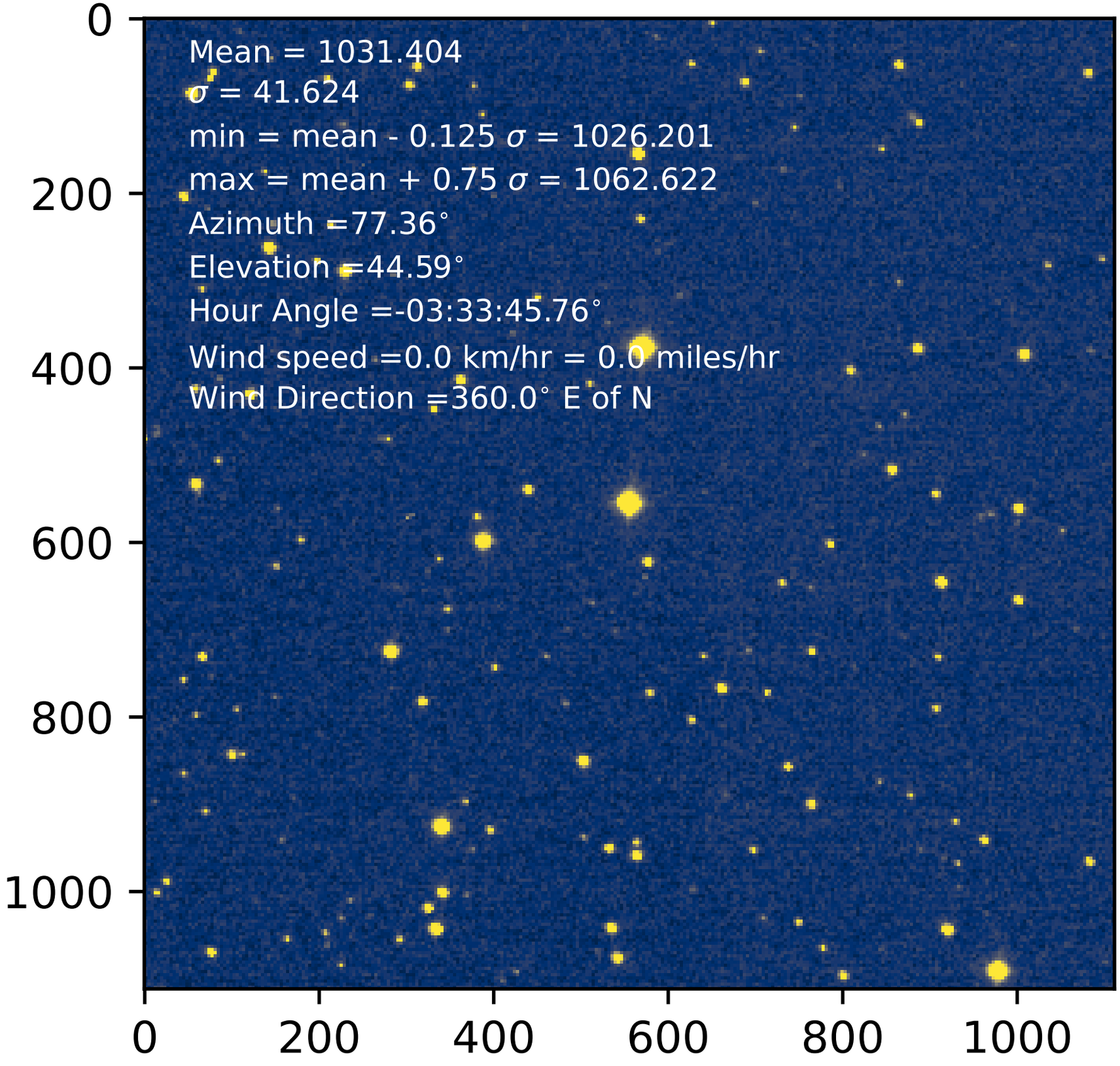

Mean = 1032.202
σ = 42.139
min = mean - 0.125 σ = 1026.935
max = mean + 0.75 σ = 1063.806
Azimuth =77.05°
Elevation =43.83°
Hour Angle =-03:37:24.36°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

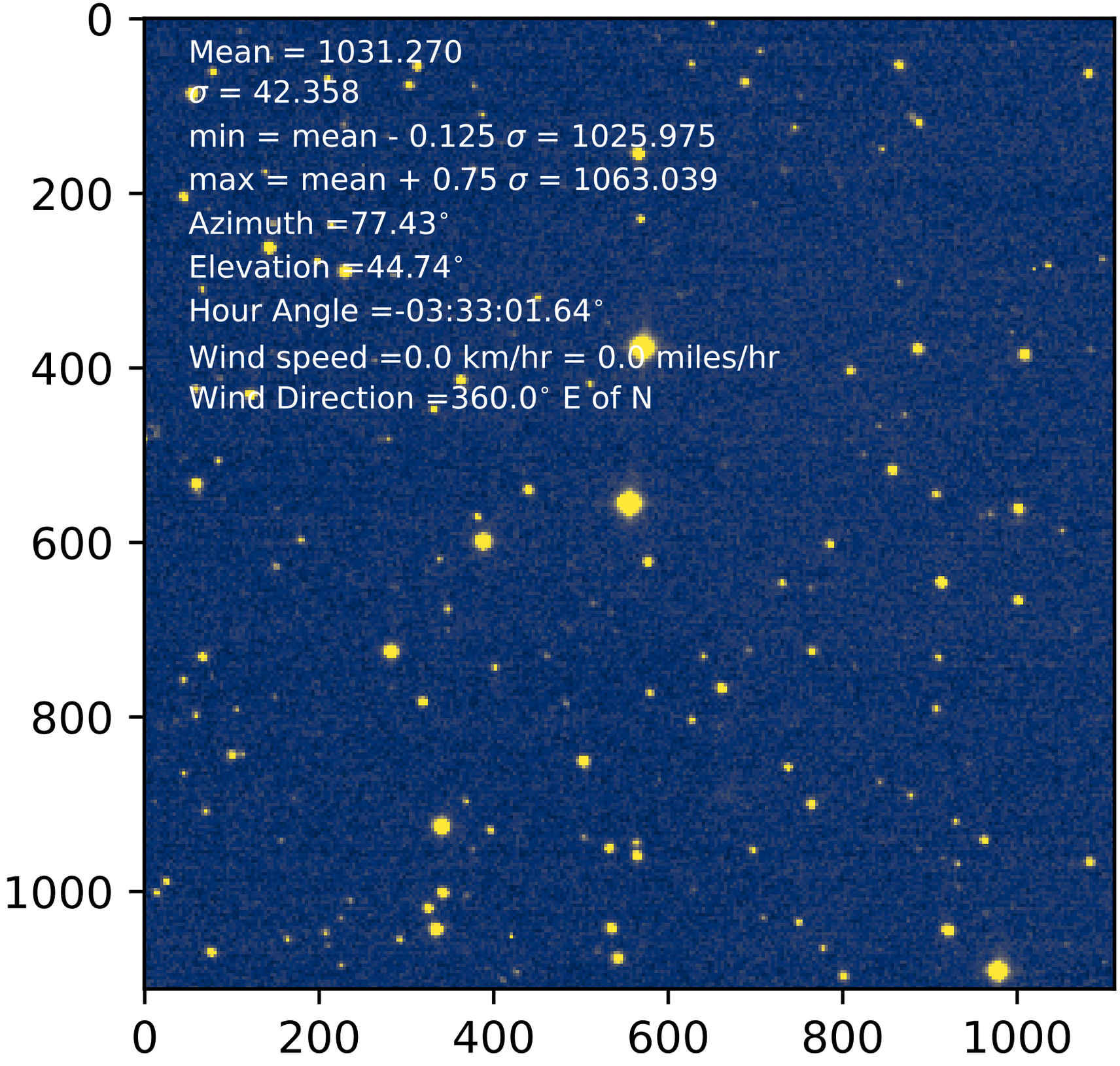

Mean = 1032.120
σ = 42.257
min = mean - 0.125 σ = 1026.838
max = mean + 0.75 σ = 1063.813
Azimuth =77.12°
Elevation =43.98°
Hour Angle =-03:36:40.24°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

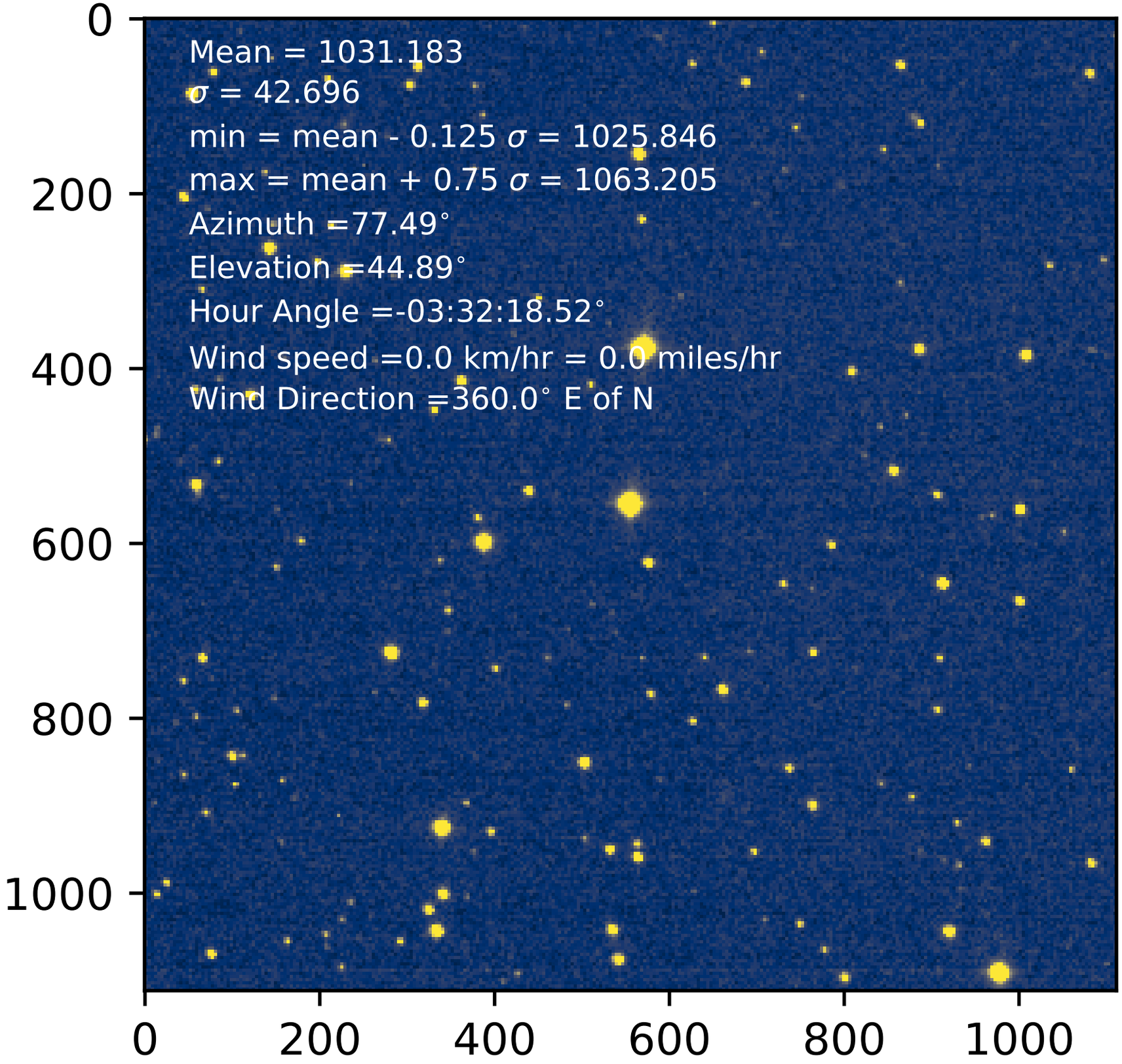

Mean = 1031.980
σ = 42.182
min = mean - 0.125 σ = 1026.707
max = mean + 0.75 σ = 1063.617
Azimuth =77.18°
Elevation =44.13°
Hour Angle =-03:35:57.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

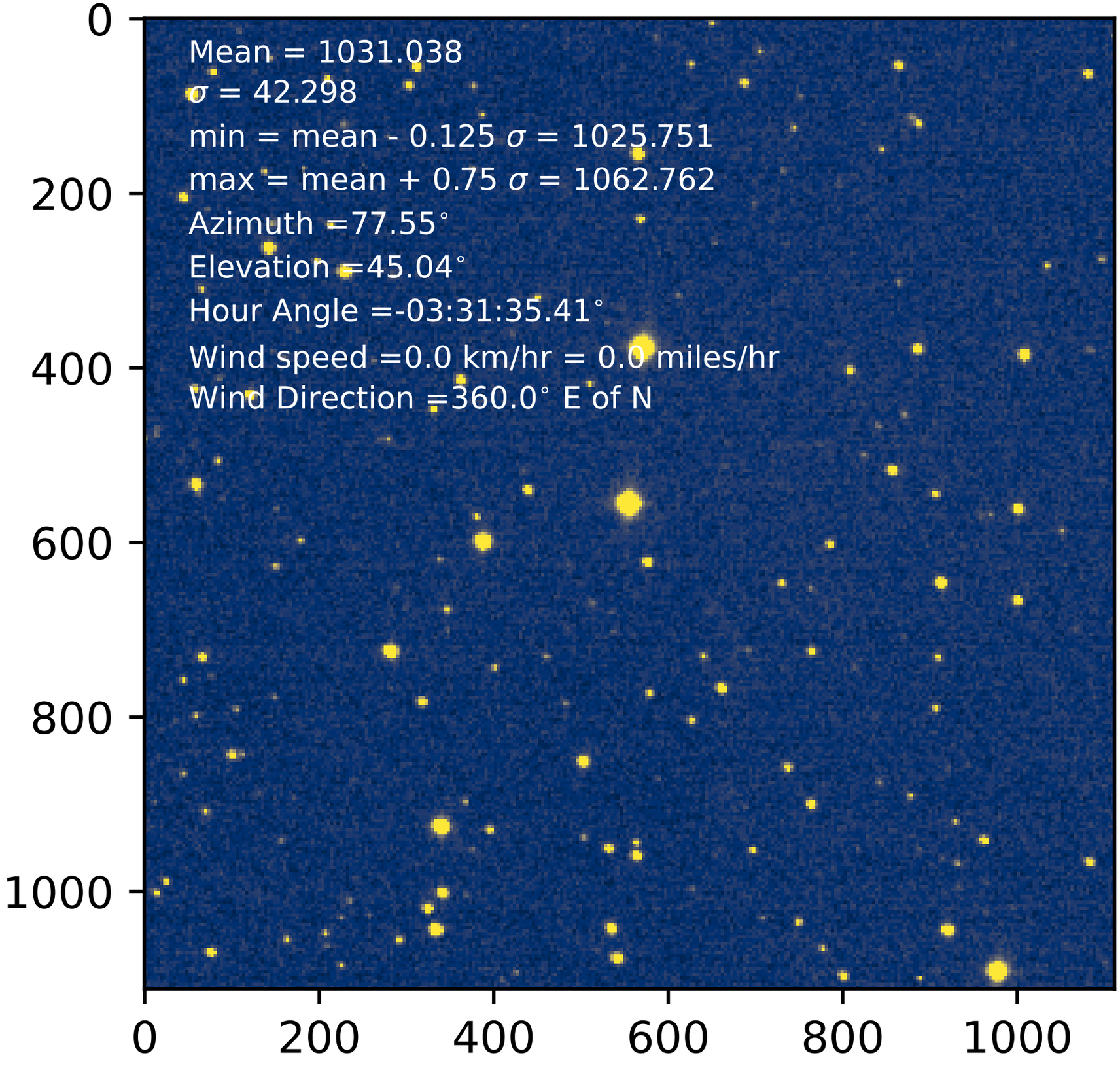

Mean = 1031.851
σ = 42.238
min = mean - 0.125 σ = 1026.571
max = mean + 0.75 σ = 1063.53
Azimuth =77.24°
Elevation =44.28°
Hour Angle =-03:35:13.00°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

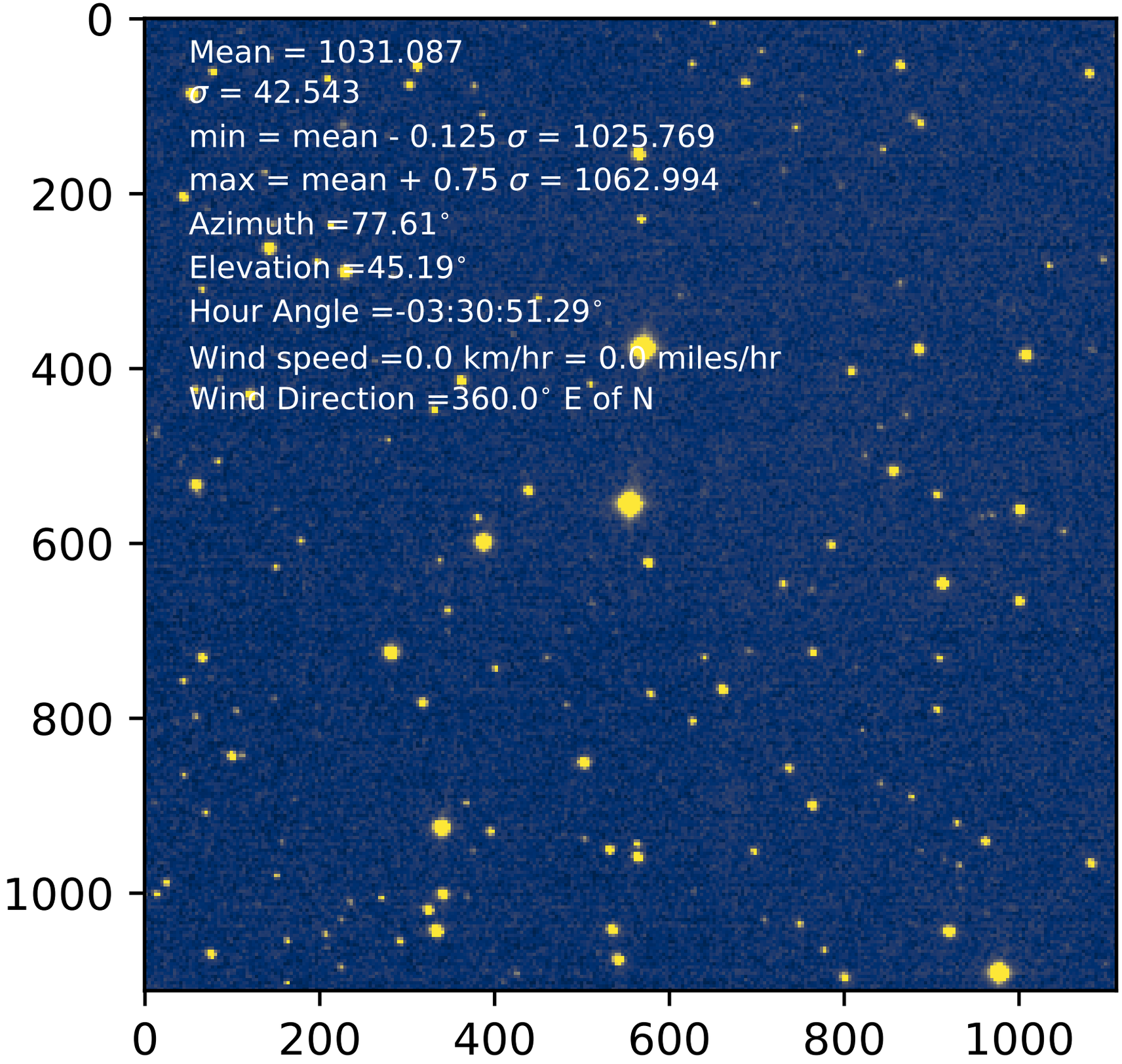

Mean = 1031.694
σ = 42.544
min = mean - 0.125 σ = 1026.376
max = mean + 0.75 σ = 1063.602
Azimuth =77.3°
Elevation =44.43°
Hour Angle =-03:34:29.88°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

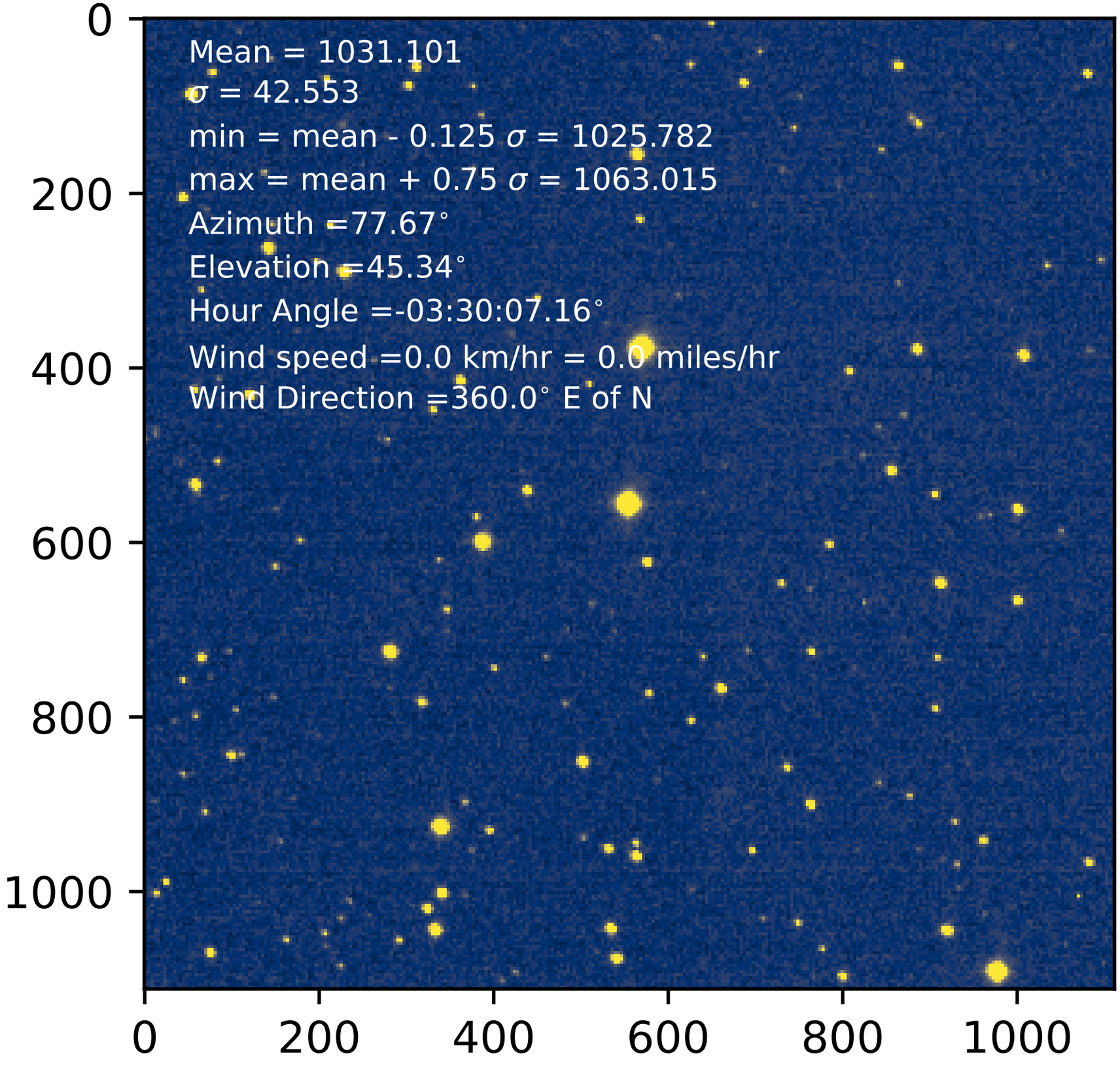

Mean = 1031.404
σ = 41.624
min = mean - 0.125 σ = 1026.201
max = mean + 0.75 σ = 1062.622
Azimuth =77.36°
Elevation =44.59°
Hour Angle =-03:33:45.76°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

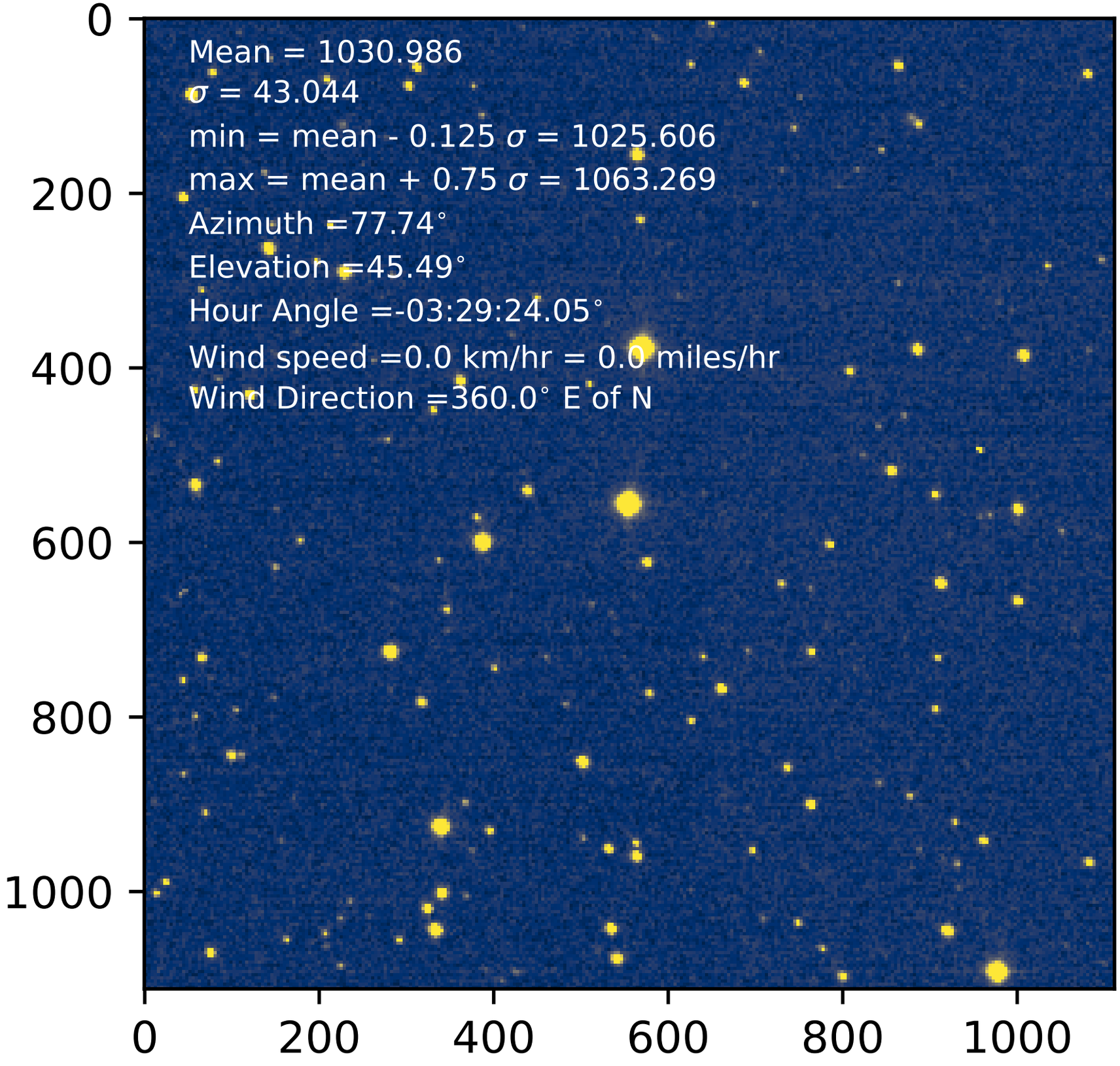

Mean = 1031.270
σ = 42.358
min = mean - 0.125 σ = 1025.975
max = mean + 0.75 σ = 1063.039
Azimuth =77.43°
Elevation =44.74°
Hour Angle =-03:33:01.64°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

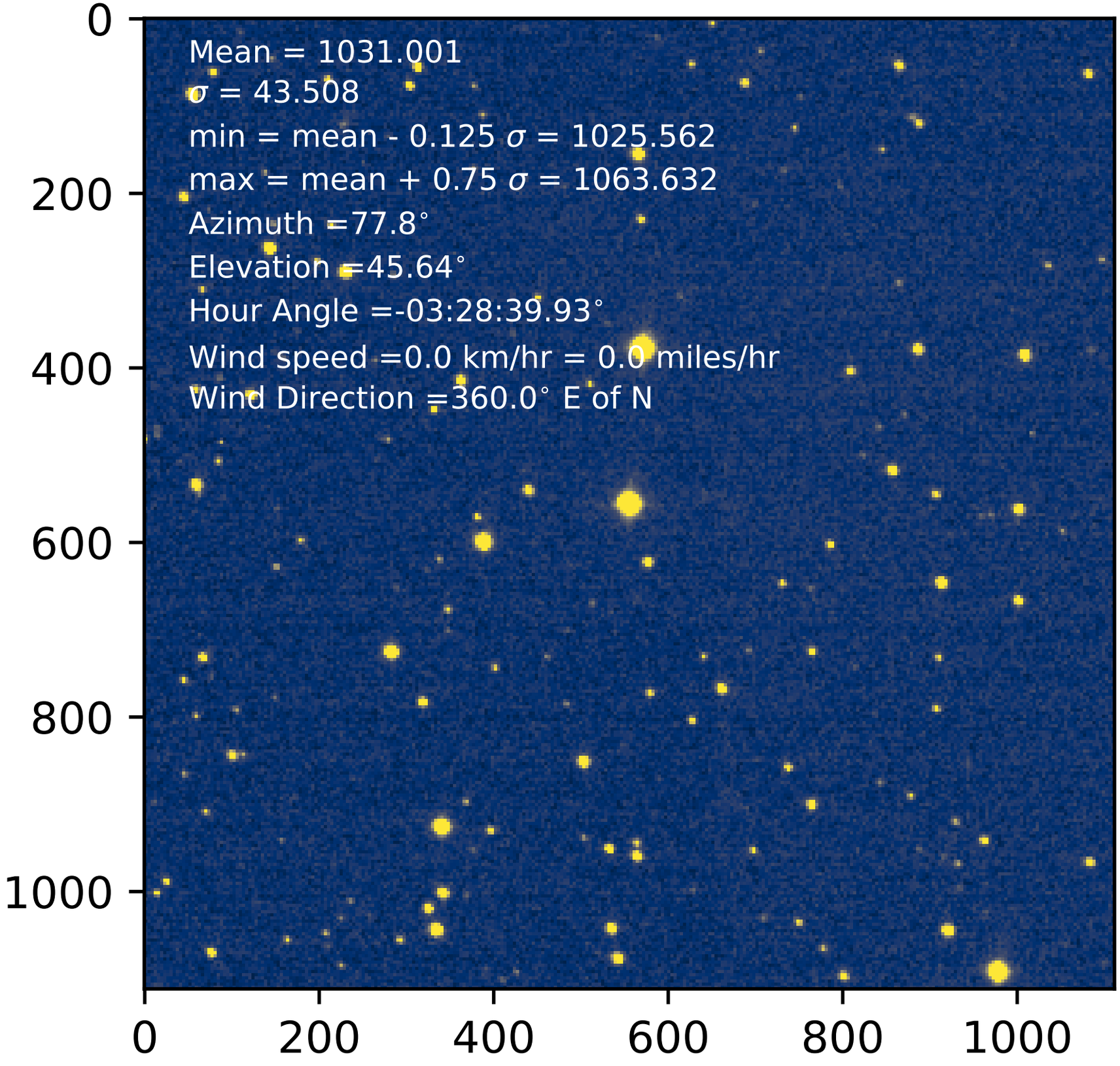

Mean = 1031.183
σ = 42.696
min = mean - 0.125 σ = 1025.846
max = mean + 0.75 σ = 1063.205
Azimuth =77.49°
Elevation =44.89°
Hour Angle =-03:32:18.52°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

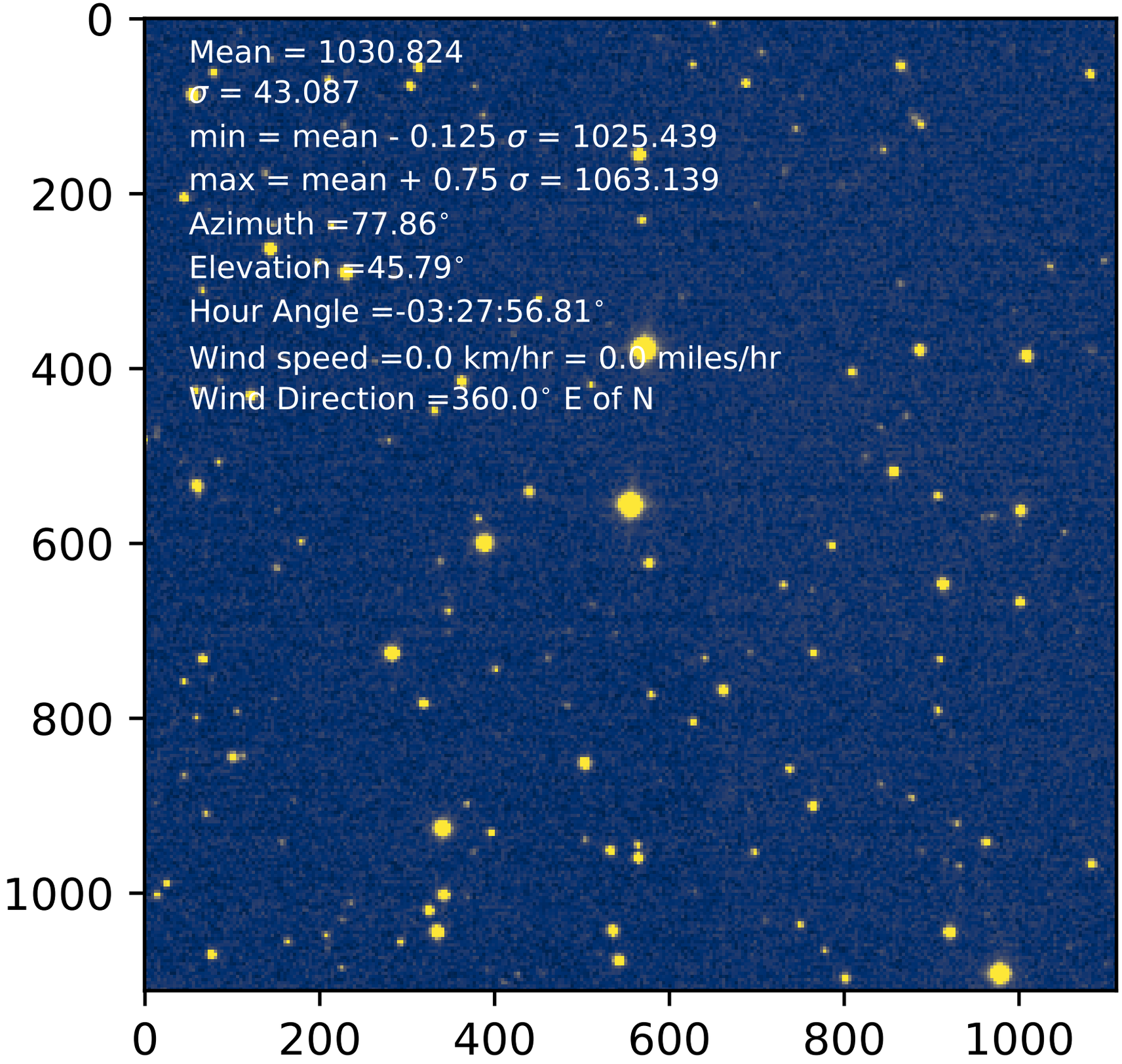

Mean = 1031.038
σ = 42.298
min = mean - 0.125 σ = 1025.751
max = mean + 0.75 σ = 1062.762
Azimuth =77.55°
Elevation =45.04°
Hour Angle =-03:31:35.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

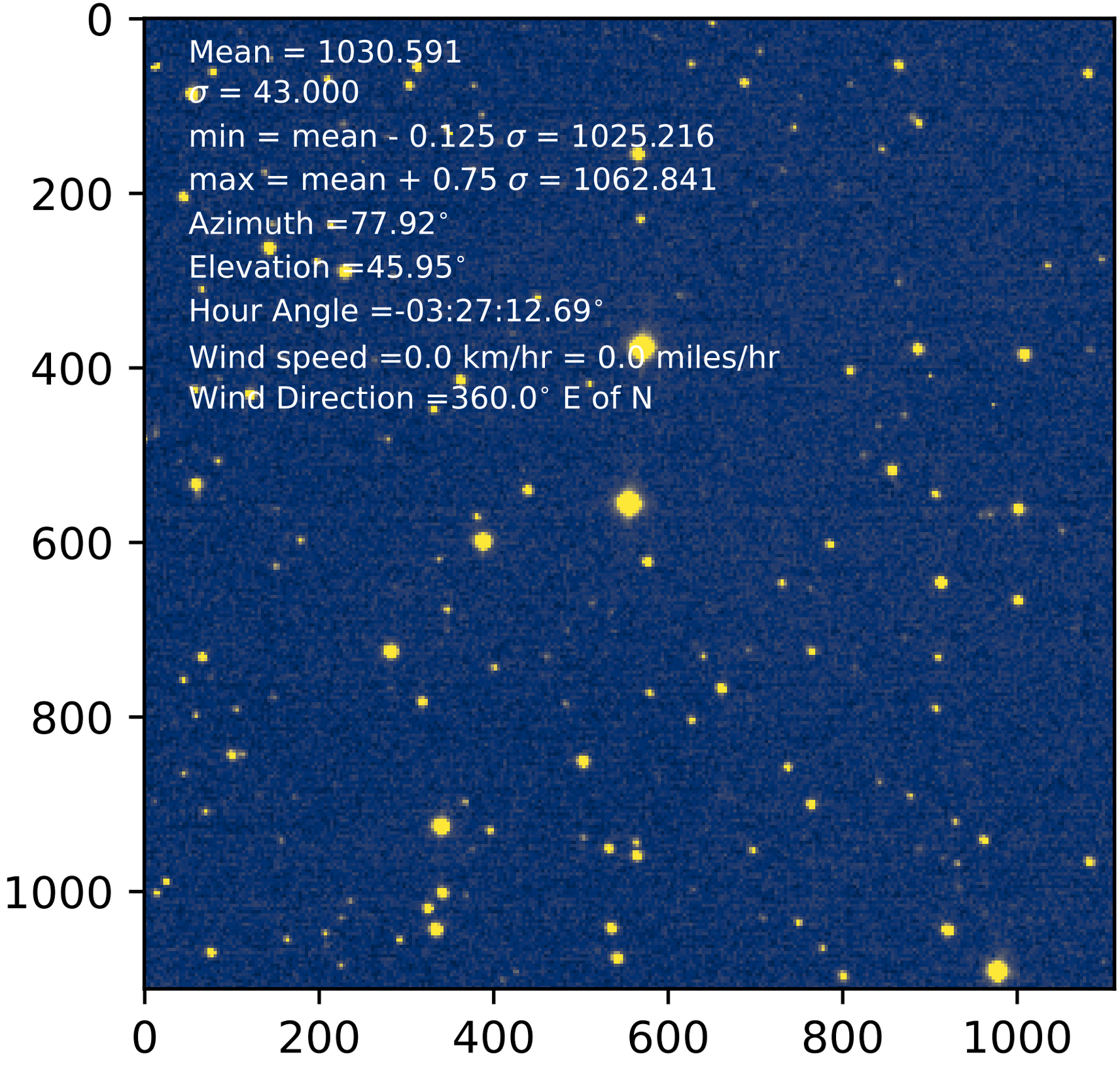

Mean = 1031.087
σ = 42.543
min = mean - 0.125 σ = 1025.769
max = mean + 0.75 σ = 1062.994
Azimuth =77.61°
Elevation =45.19°
Hour Angle =-03:30:51.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

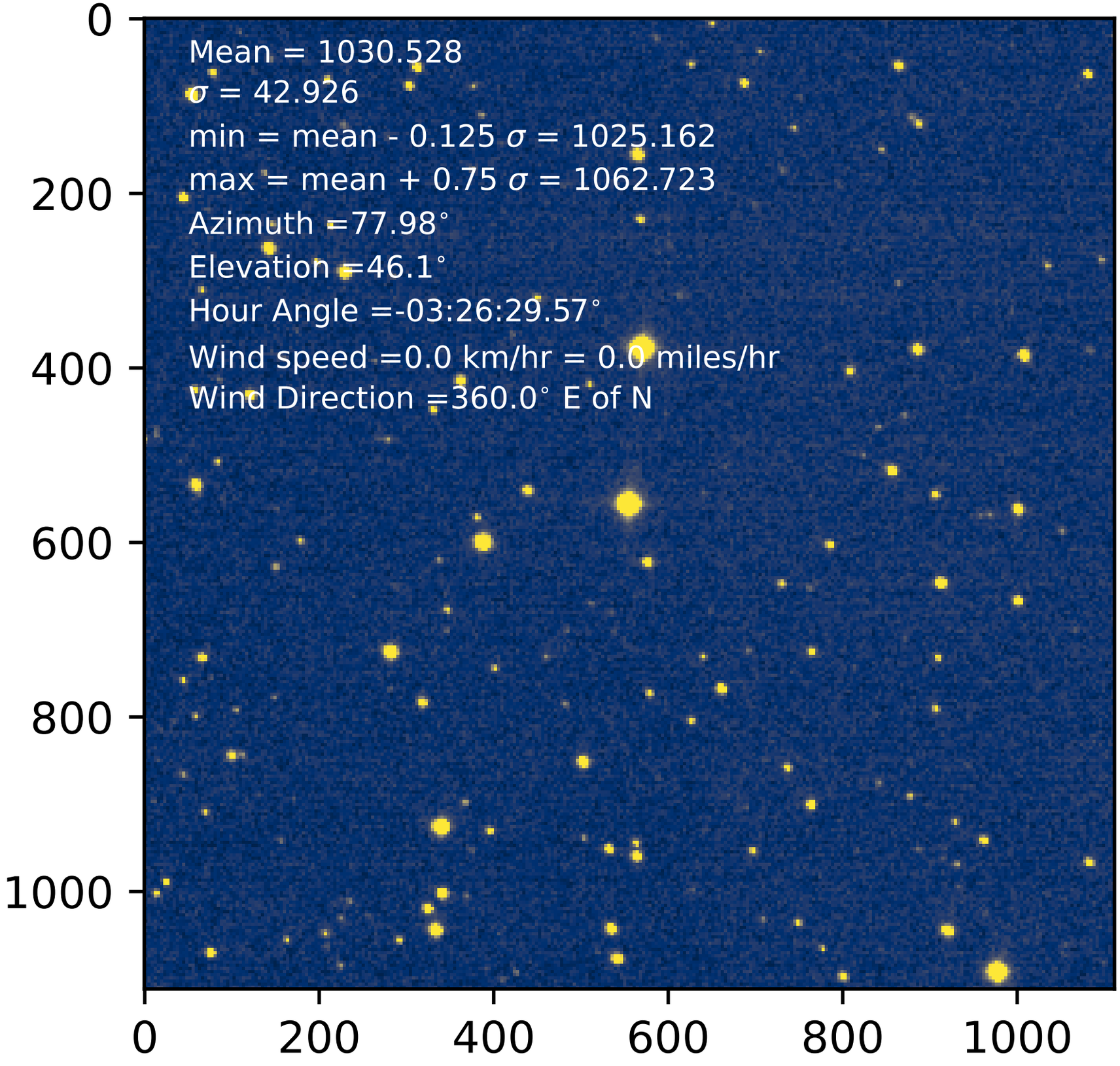

Mean = 1031.101
σ = 42.553
min = mean - 0.125 σ = 1025.782
max = mean + 0.75 σ = 1063.015
Azimuth =77.67°
Elevation =45.34°
Hour Angle =-03:30:07.16°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

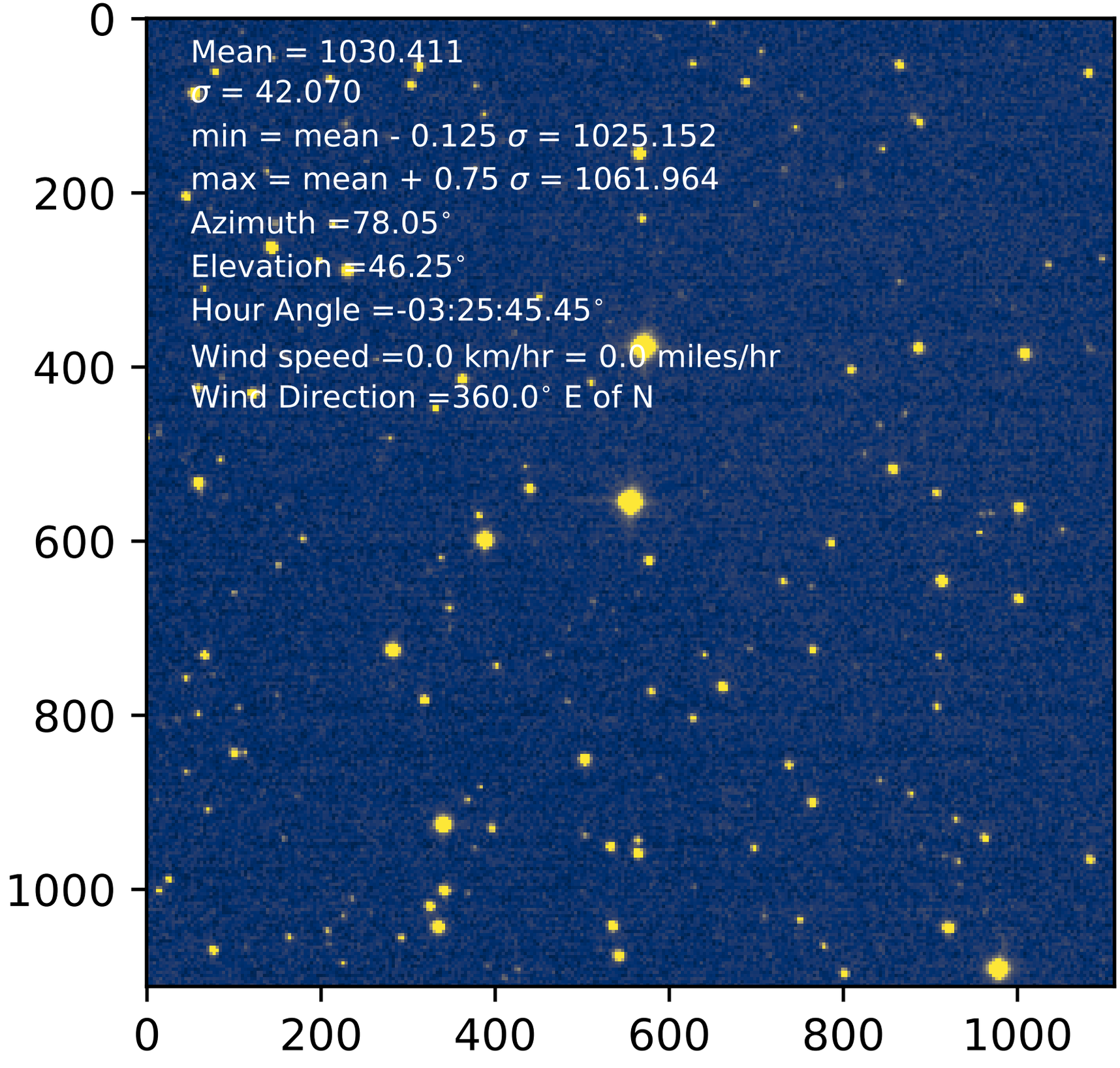

Mean = 1030.986
σ = 43.044
min = mean - 0.125 σ = 1025.606
max = mean + 0.75 σ = 1063.269
Azimuth =77.74°
Elevation =45.49°
Hour Angle =-03:29:24.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

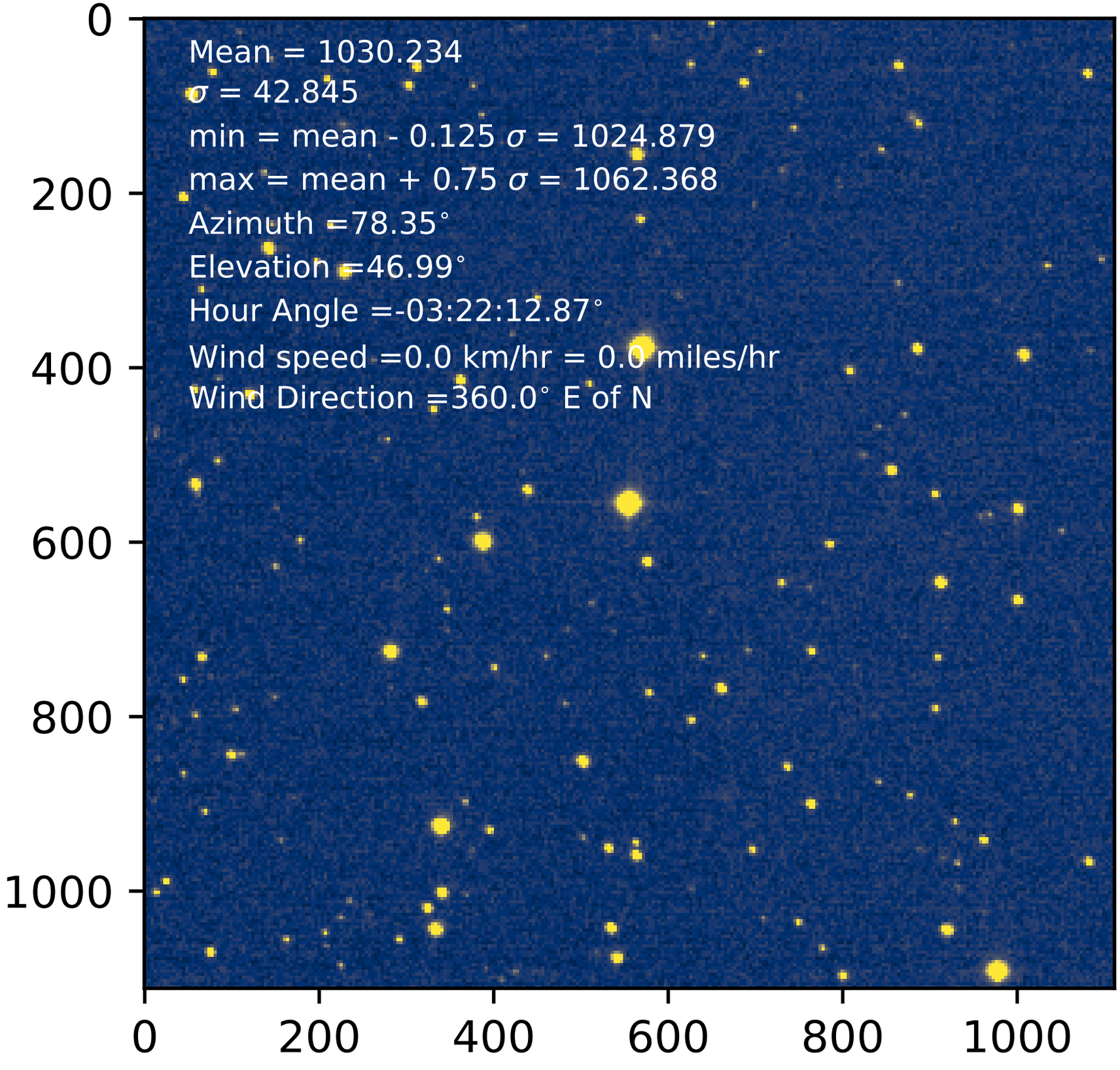

Mean = 1031.001
σ = 43.508
min = mean - 0.125 σ = 1025.562
max = mean + 0.75 σ = 1063.632
Azimuth =77.8°
Elevation =45.64°
Hour Angle =-03:28:39.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

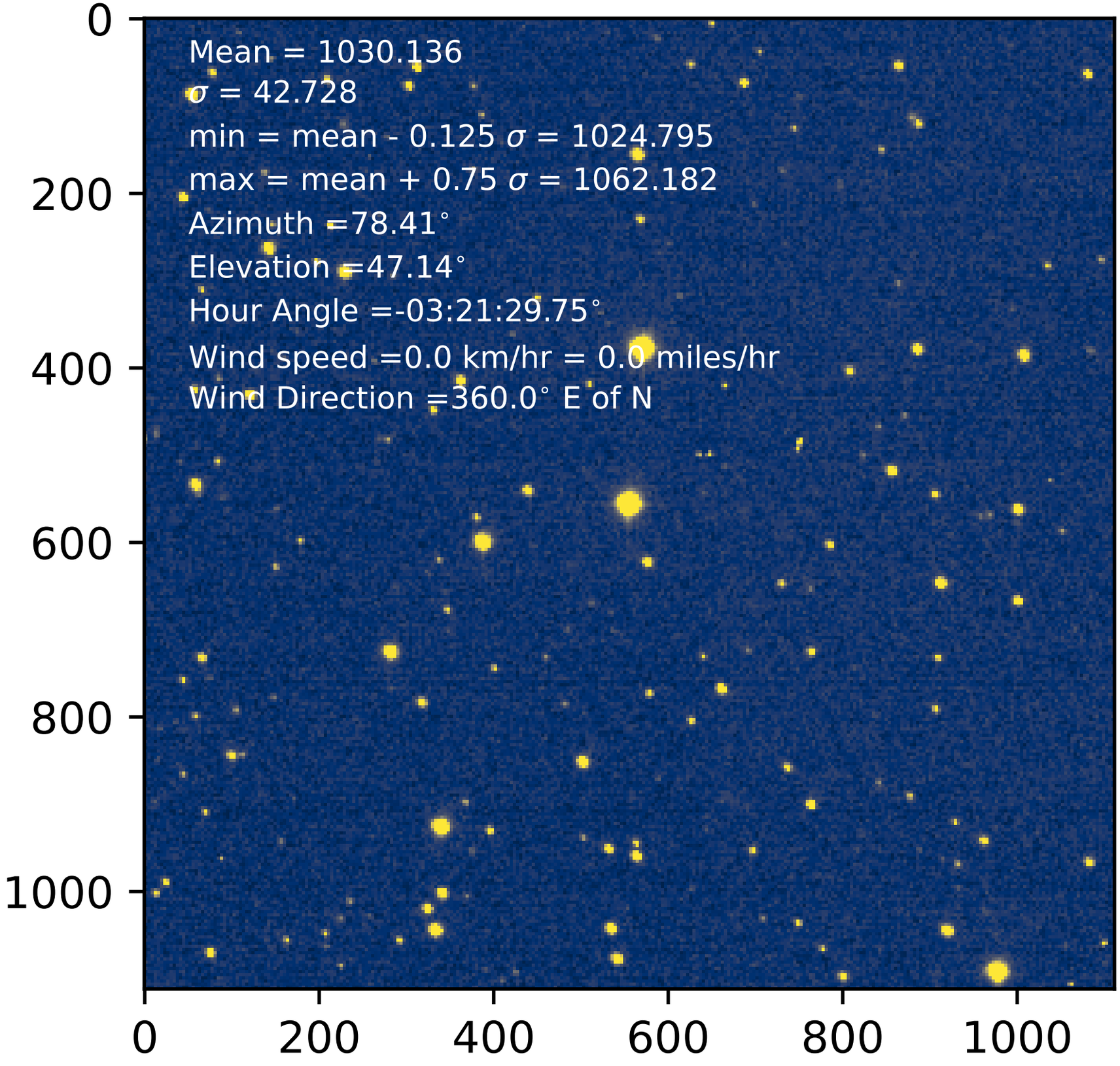

Mean = 1030.824
σ = 43.087
min = mean - 0.125 σ = 1025.439
max = mean + 0.75 σ = 1063.139
Azimuth =77.86°
Elevation =45.79°
Hour Angle =-03:27:56.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

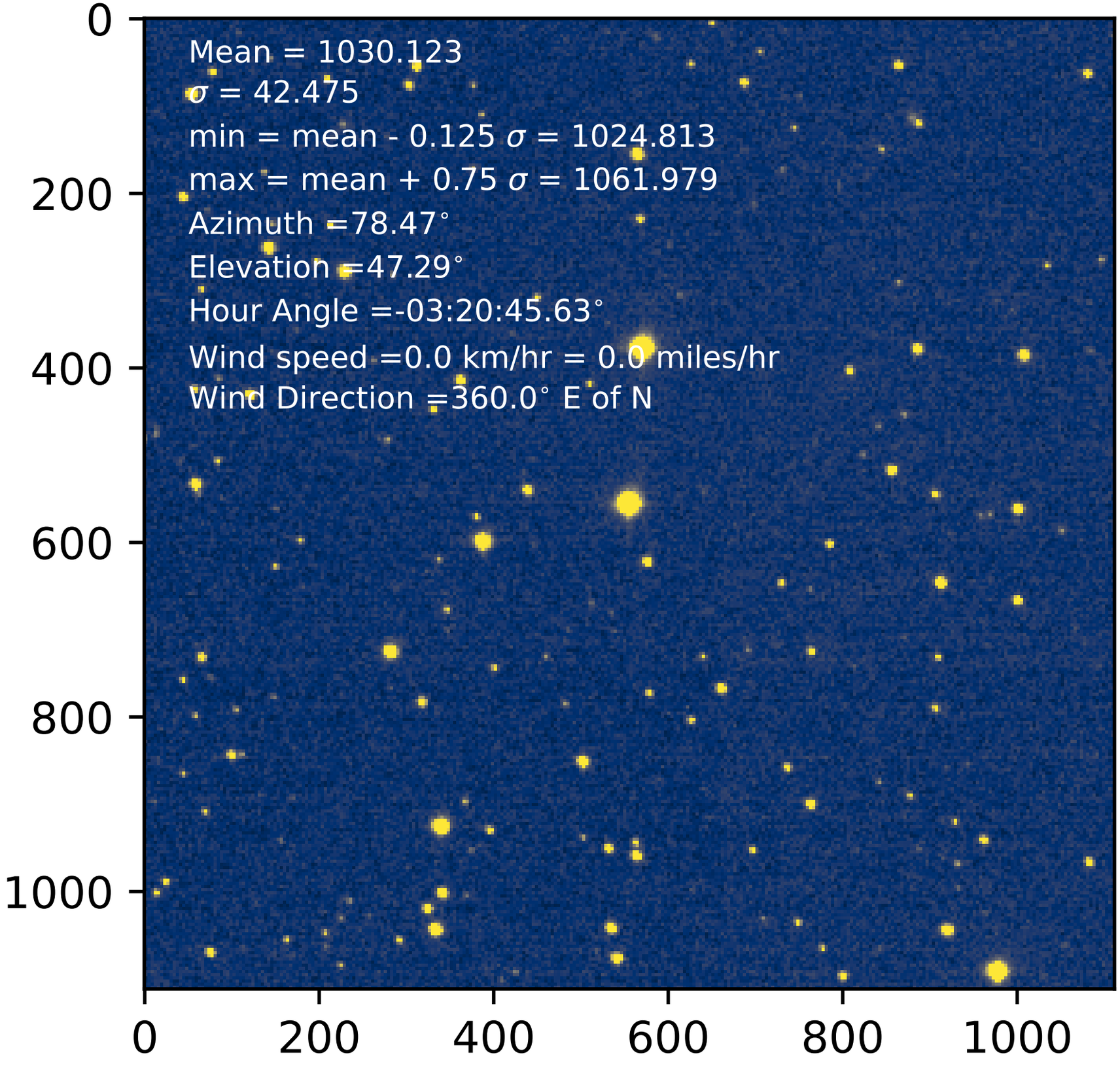

Mean = 1030.591
σ = 43.000
min = mean - 0.125 σ = 1025.216
max = mean + 0.75 σ = 1062.841
Azimuth =77.92°
Elevation =45.95°
Hour Angle =-03:27:12.69°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

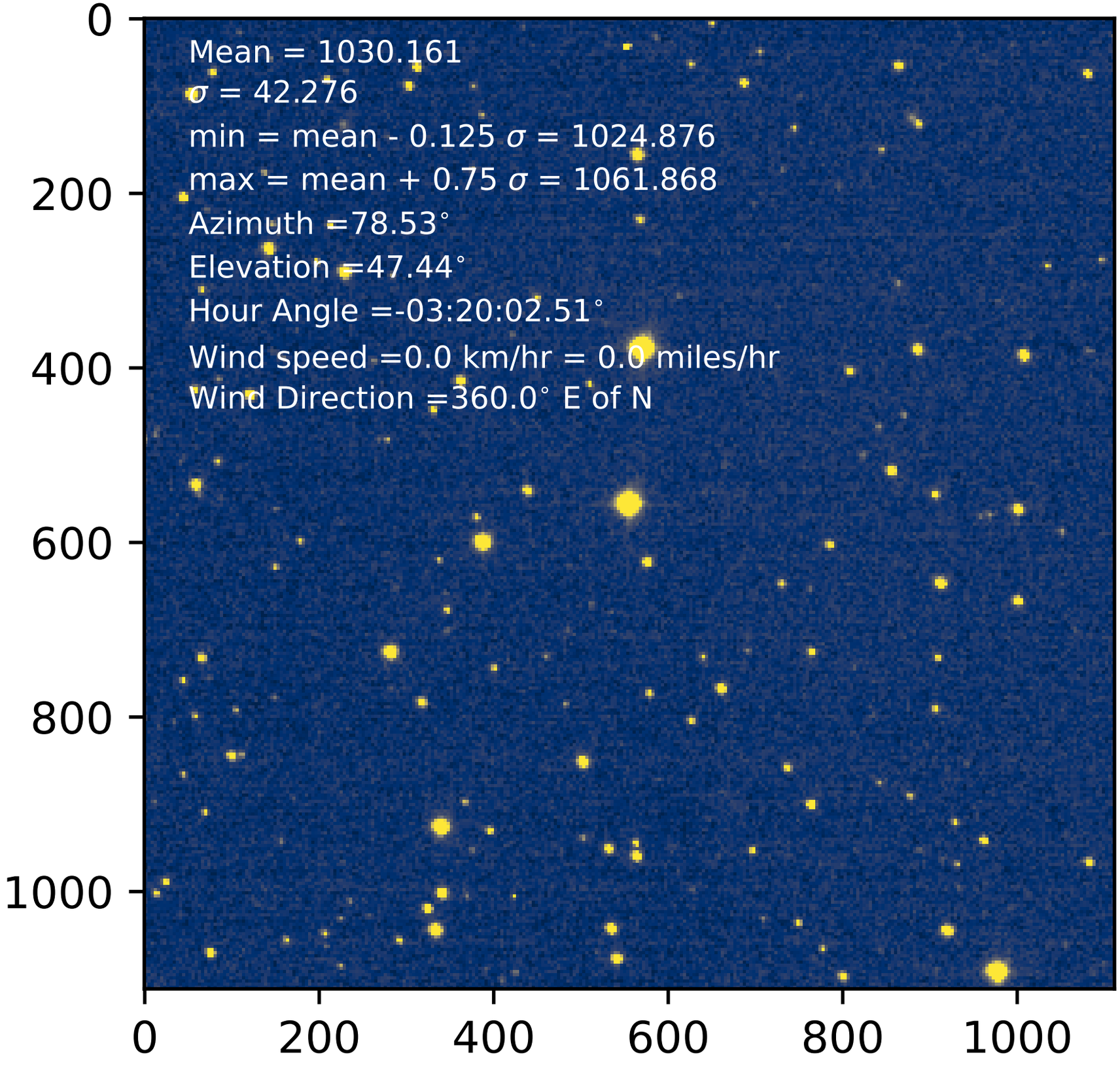

Mean = 1030.528
σ = 42.926
min = mean - 0.125 σ = 1025.162
max = mean + 0.75 σ = 1062.723
Azimuth =77.98°
Elevation =46.1°
Hour Angle =-03:26:29.57°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

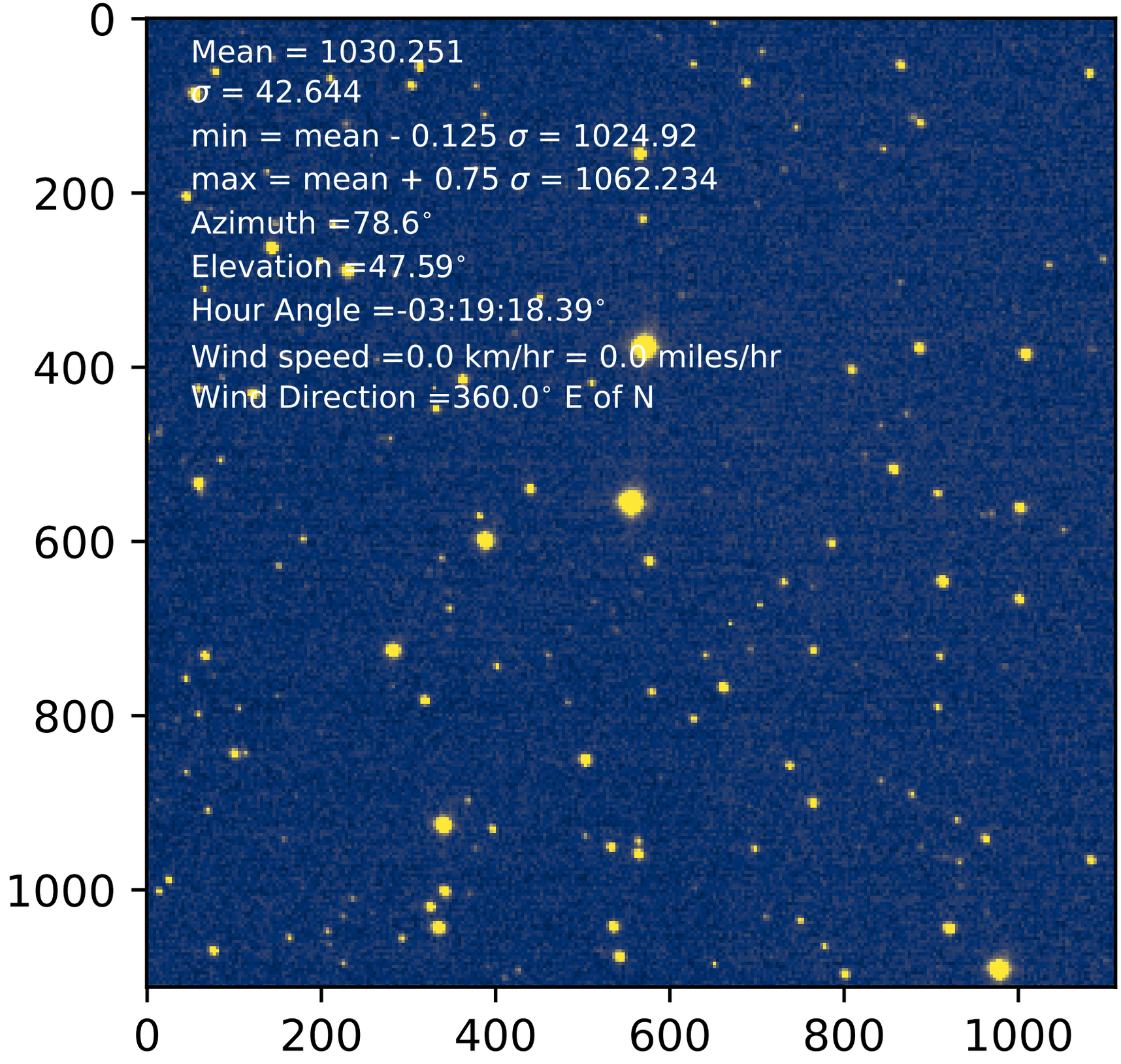

Mean = 1030.411
σ = 42.070
min = mean - 0.125 σ = 1025.152
max = mean + 0.75 σ = 1061.964
Azimuth =78.05°
Elevation =46.25°
Hour Angle =-03:25:45.45°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

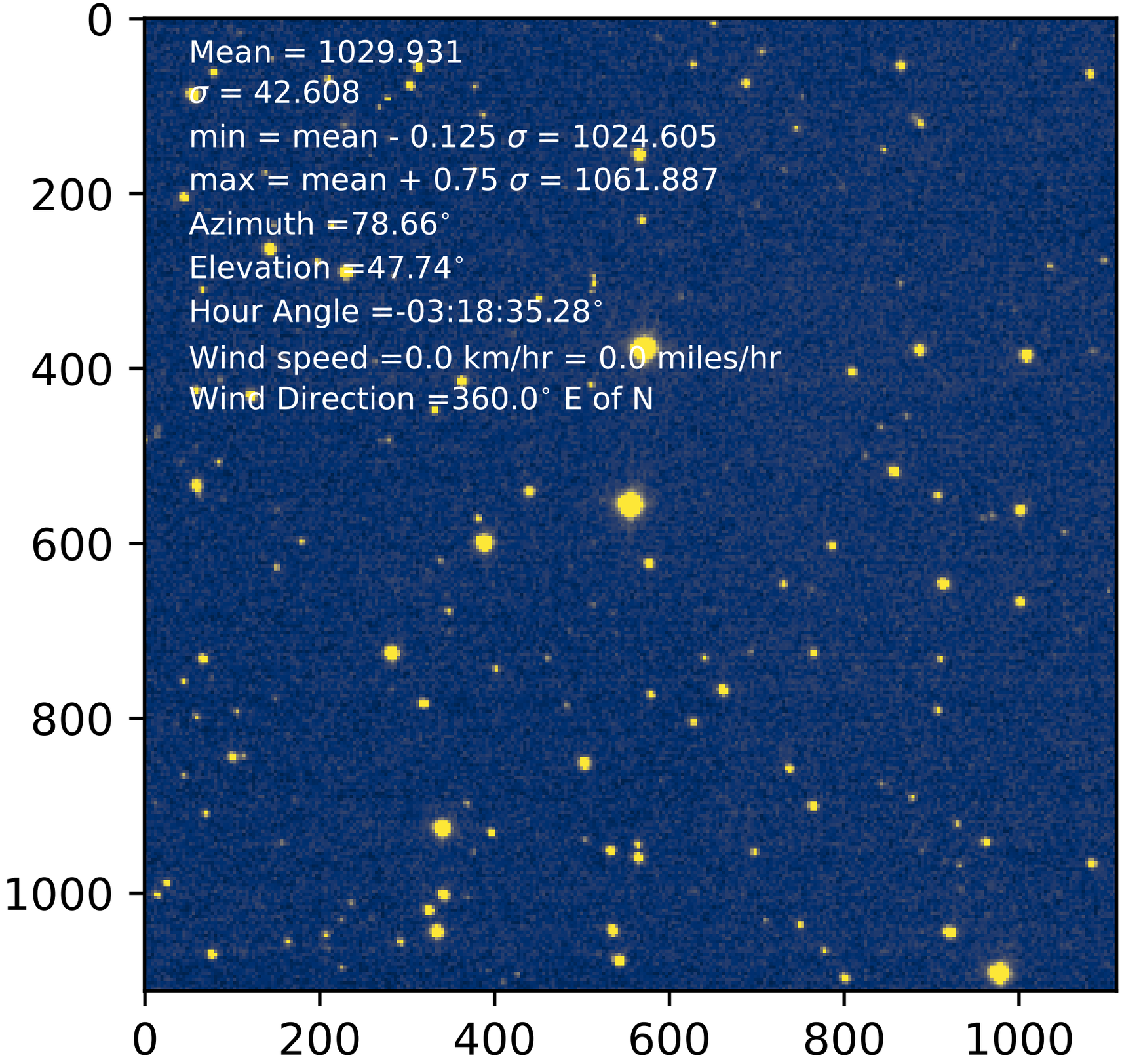

Mean = 1030.234
σ = 42.845
min = mean - 0.125 σ = 1024.879
max = mean + 0.75 σ = 1062.368
Azimuth =78.35°
Elevation =46.99°
Hour Angle =-03:22:12.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

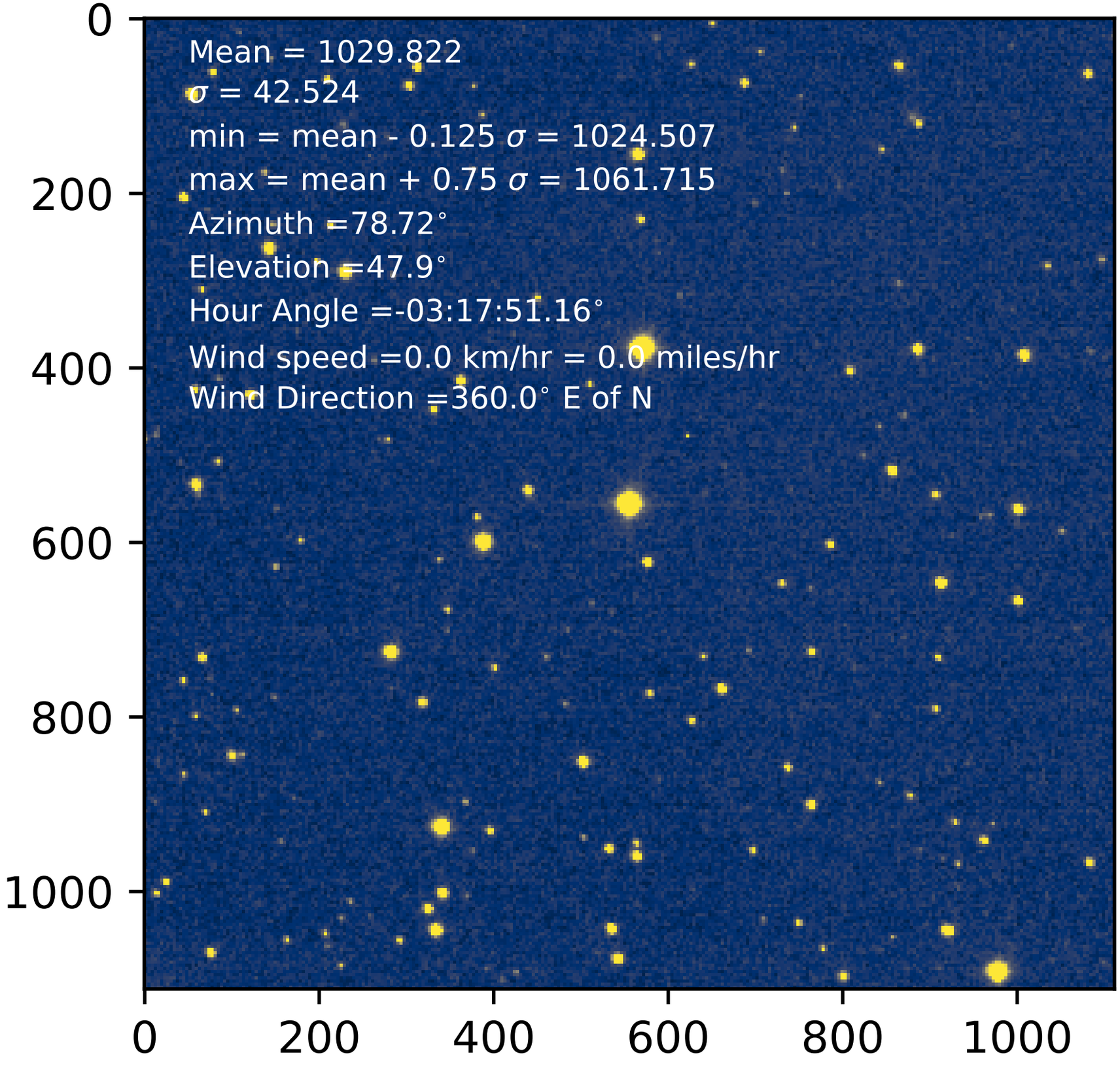

Mean = 1030.136
σ = 42.728
min = mean - 0.125 σ = 1024.795
max = mean + 0.75 σ = 1062.182
Azimuth =78.41°
Elevation =47.14°
Hour Angle =-03:21:29.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

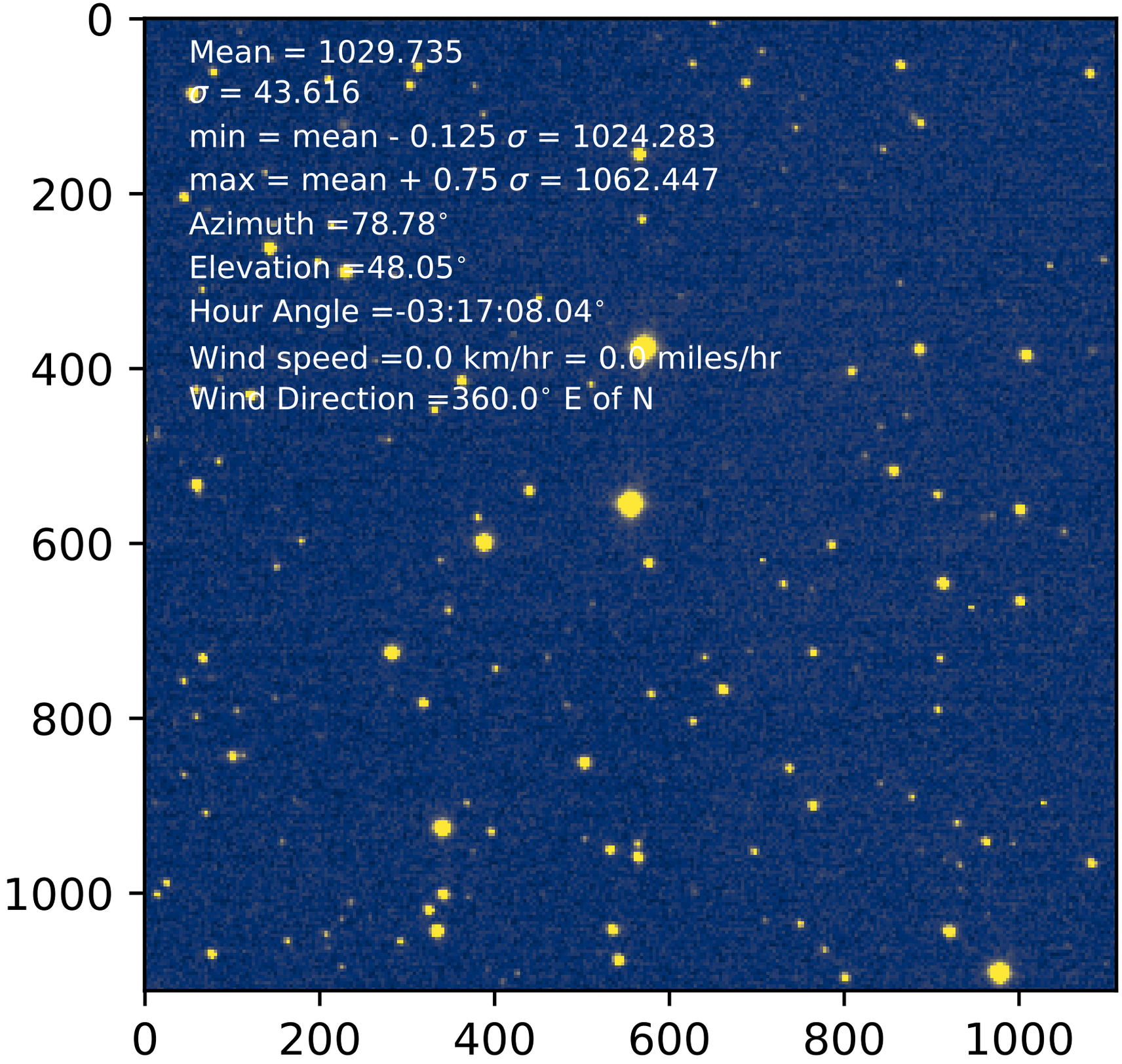

Mean = 1030.123
σ = 42.475
min = mean - 0.125 σ = 1024.813
max = mean + 0.75 σ = 1061.979
Azimuth =78.47°
Elevation =47.29°
Hour Angle =-03:20:45.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

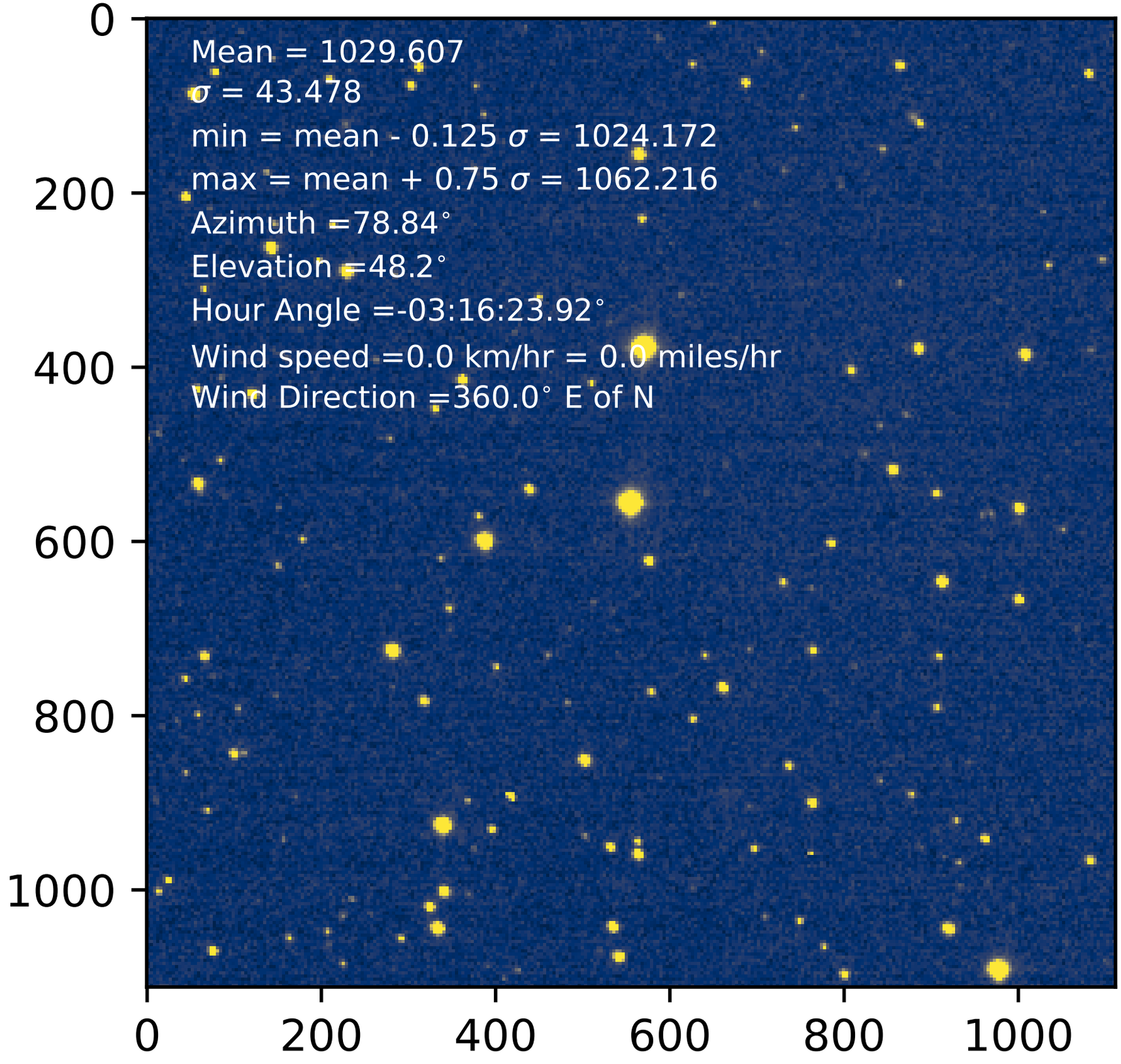

Mean = 1030.161
σ = 42.276
min = mean - 0.125 σ = 1024.876
max = mean + 0.75 σ = 1061.868
Azimuth =78.53°
Elevation =47.44°
Hour Angle =-03:20:02.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

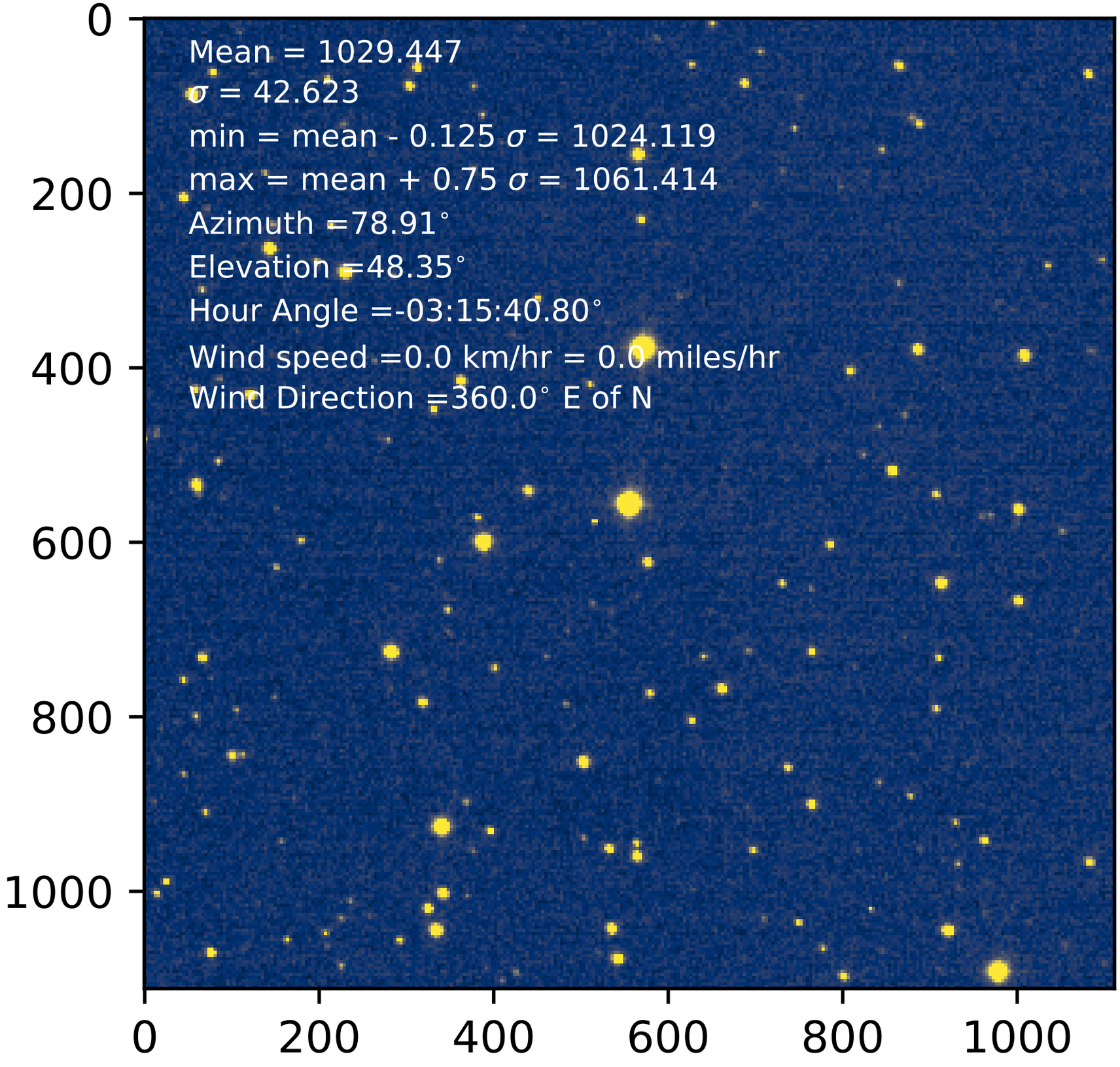

Mean = 1030.251
σ = 42.644
min = mean - 0.125 σ = 1024.92
max = mean + 0.75 σ = 1062.234
Azimuth =78.6°
Elevation =47.59°
Hour Angle =-03:19:18.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

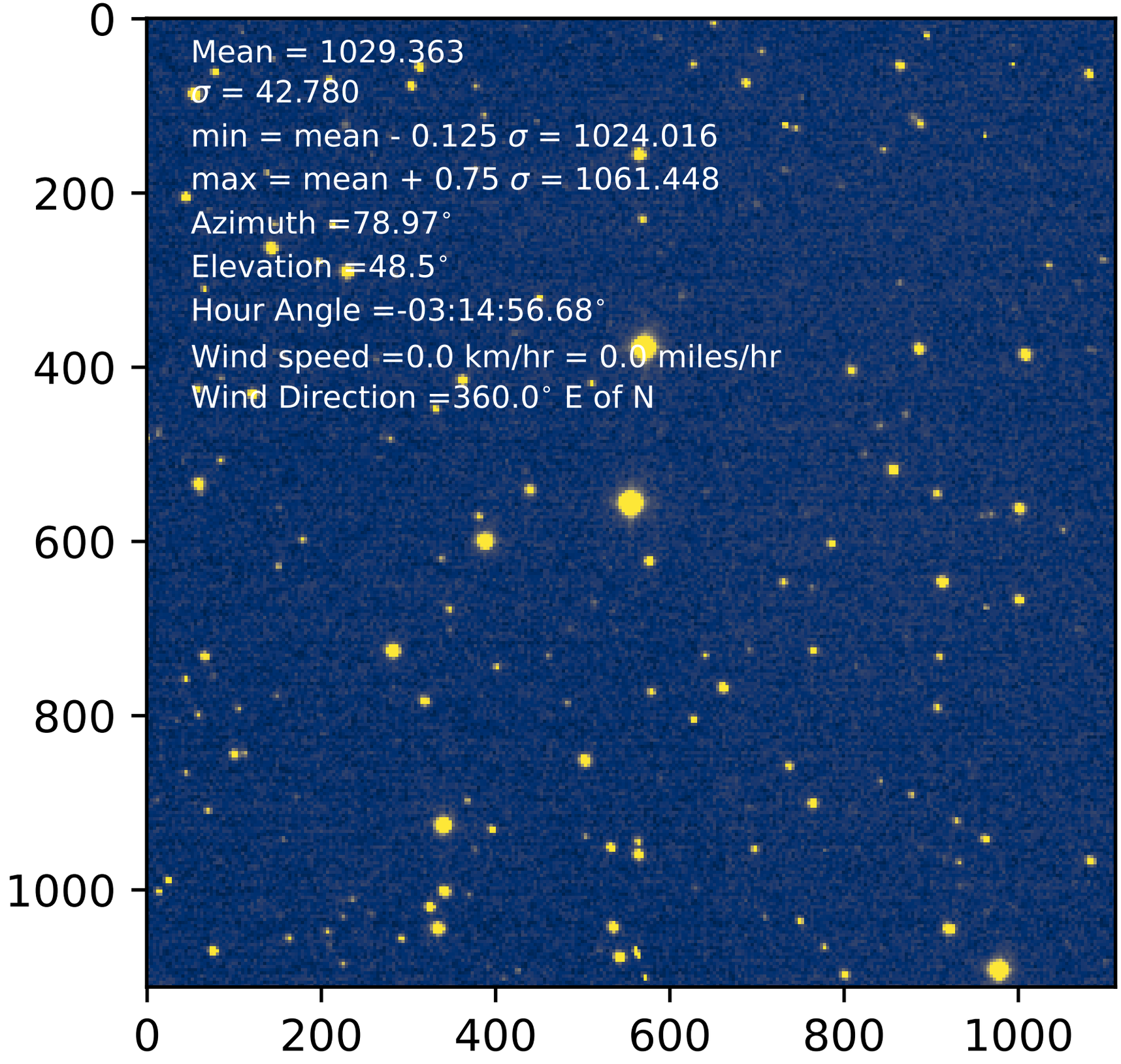

Mean = 1029.931
σ = 42.608
min = mean - 0.125 σ = 1024.605
max = mean + 0.75 σ = 1061.887
Azimuth =78.66°
Elevation =47.74°
Hour Angle =-03:18:35.28°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

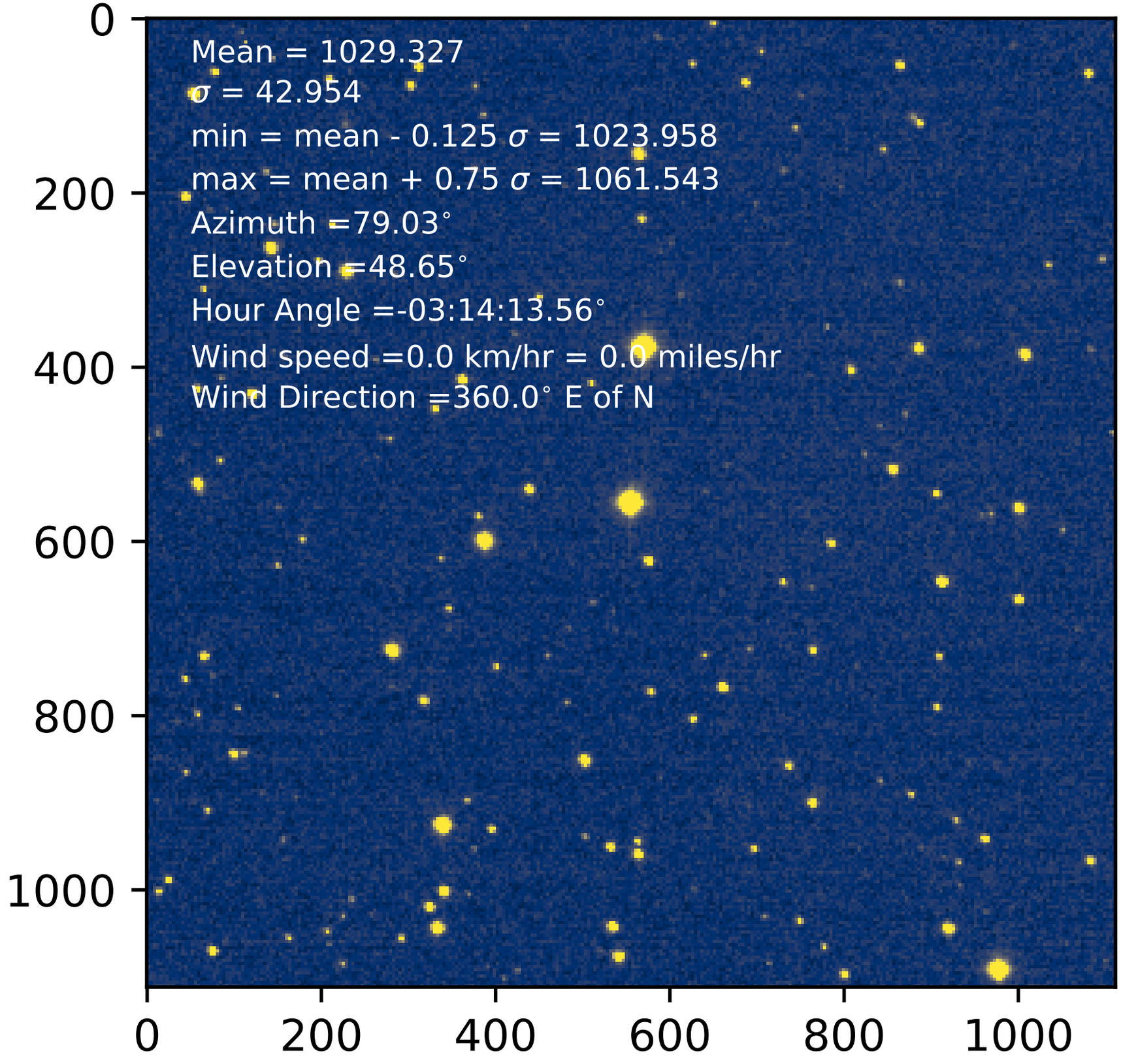

Mean = 1029.822
σ = 42.524
min = mean - 0.125 σ = 1024.507
max = mean + 0.75 σ = 1061.715
Azimuth =78.72°
Elevation =47.9°
Hour Angle =-03:17:51.16°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

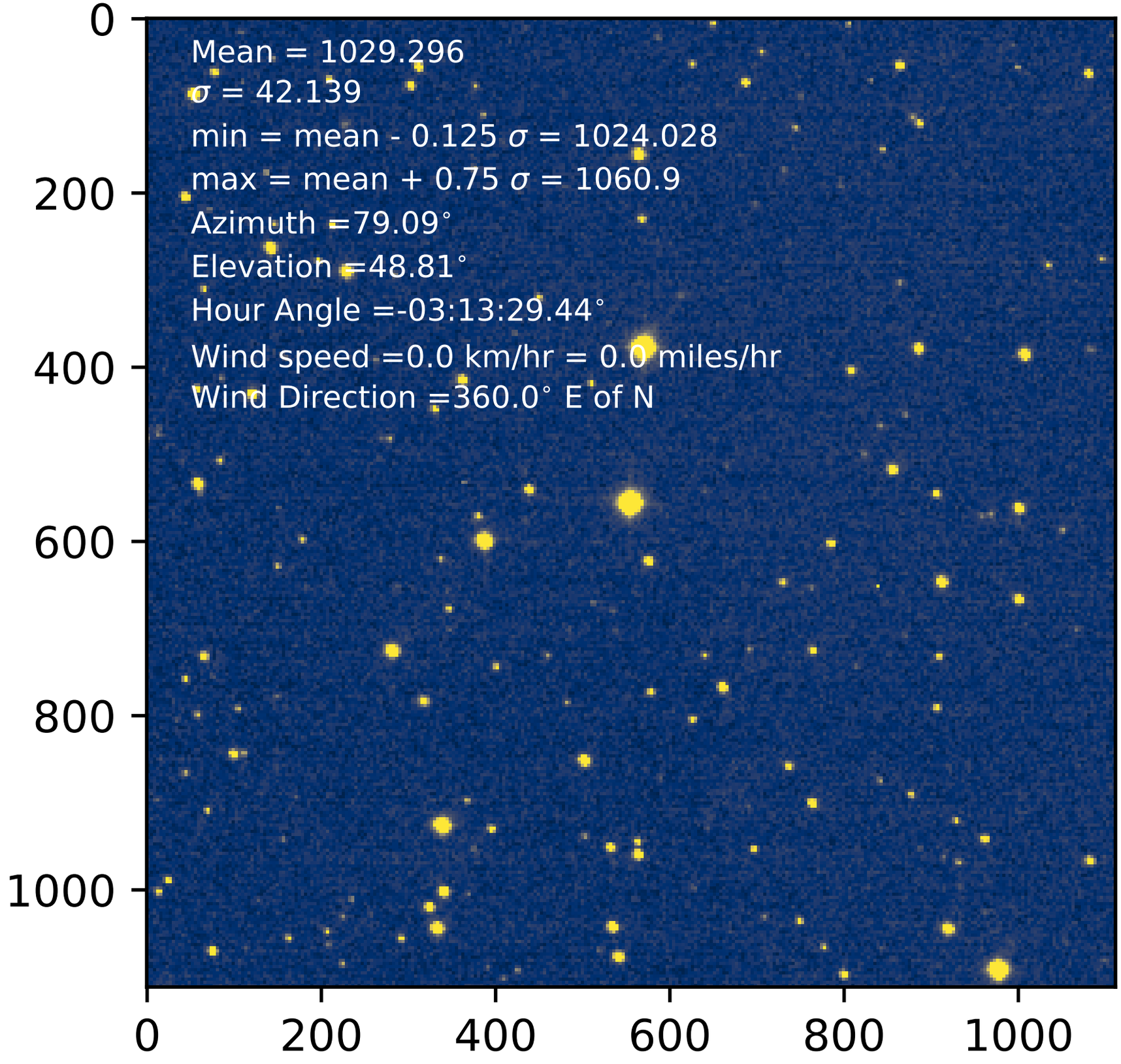

Mean = 1029.735
σ = 43.616
min = mean - 0.125 σ = 1024.283
max = mean + 0.75 σ = 1062.447
Azimuth =78.78°
Elevation =48.05°
Hour Angle =-03:17:08.04°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

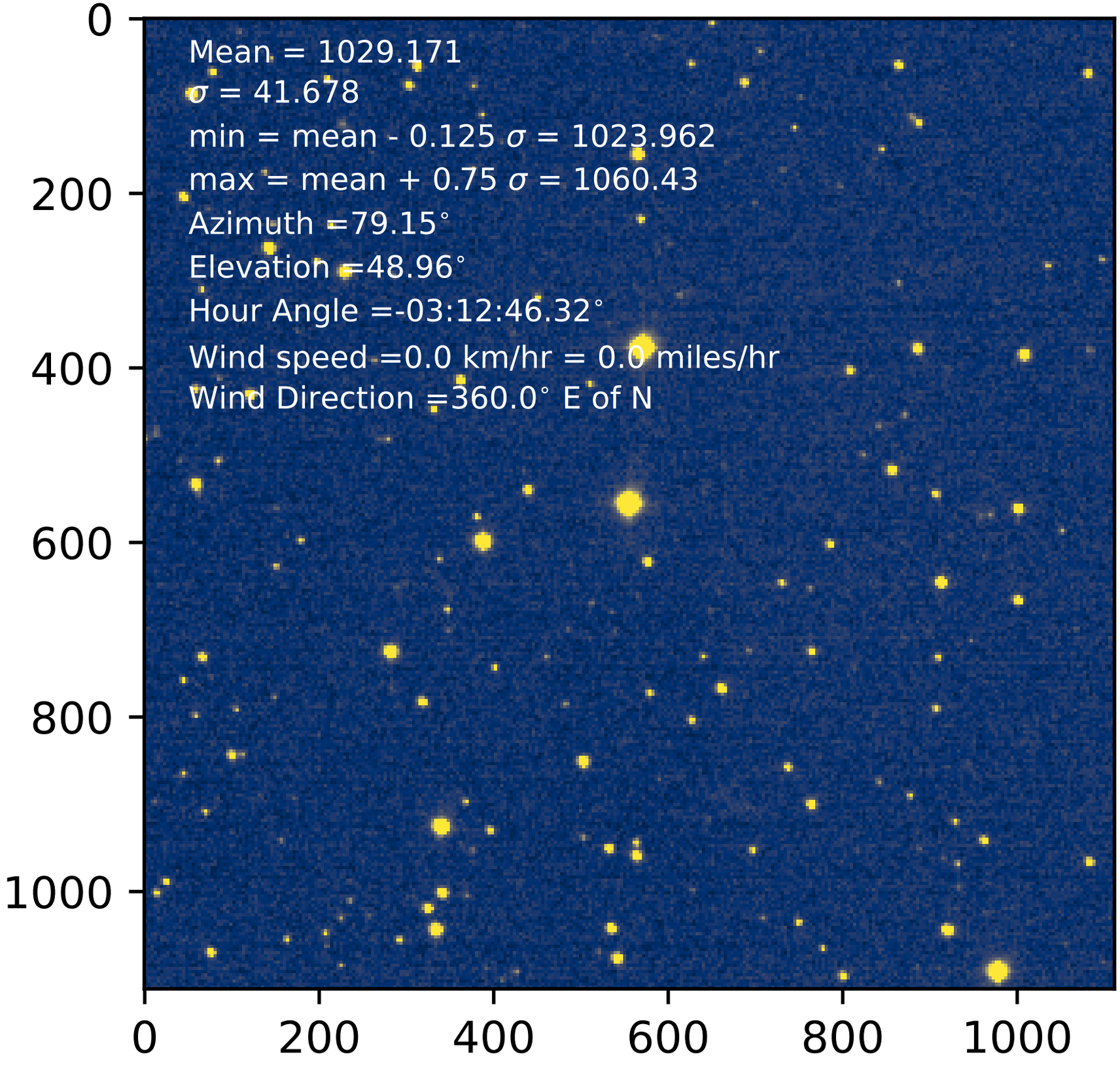

Mean = 1029.607
σ = 43.478
min = mean - 0.125 σ = 1024.172
max = mean + 0.75 σ = 1062.216
Azimuth =78.84°
Elevation =48.2°
Hour Angle =-03:16:23.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

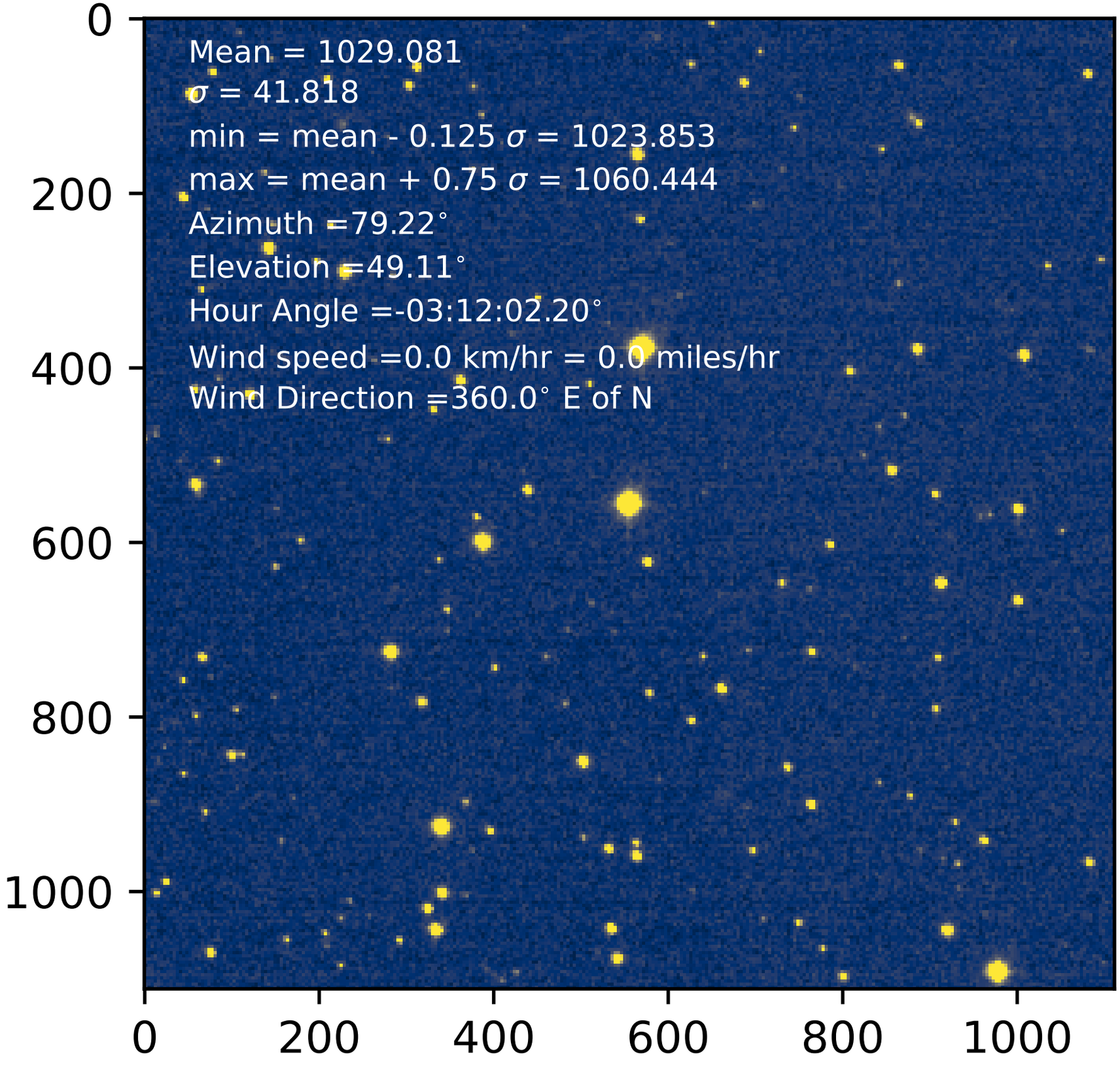

Mean = 1029.447
σ = 42.623
min = mean - 0.125 σ = 1024.119
max = mean + 0.75 σ = 1061.414
Azimuth =78.91°
Elevation =48.35°
Hour Angle =-03:15:40.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

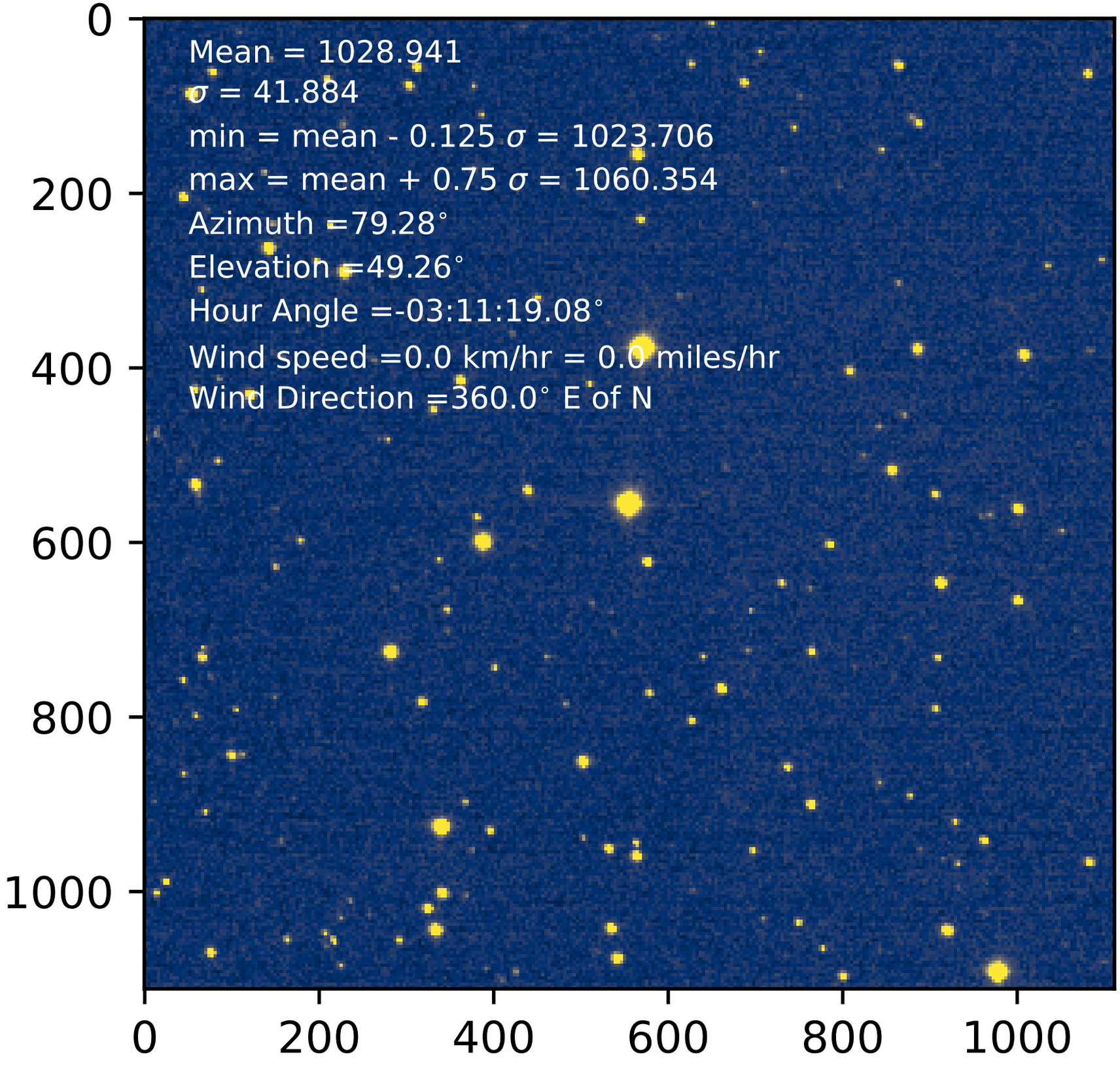

Mean = 1029.363
σ = 42.780
min = mean - 0.125 σ = 1024.016
max = mean + 0.75 σ = 1061.448
Azimuth =78.97°
Elevation =48.5°
Hour Angle =-03:14:56.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

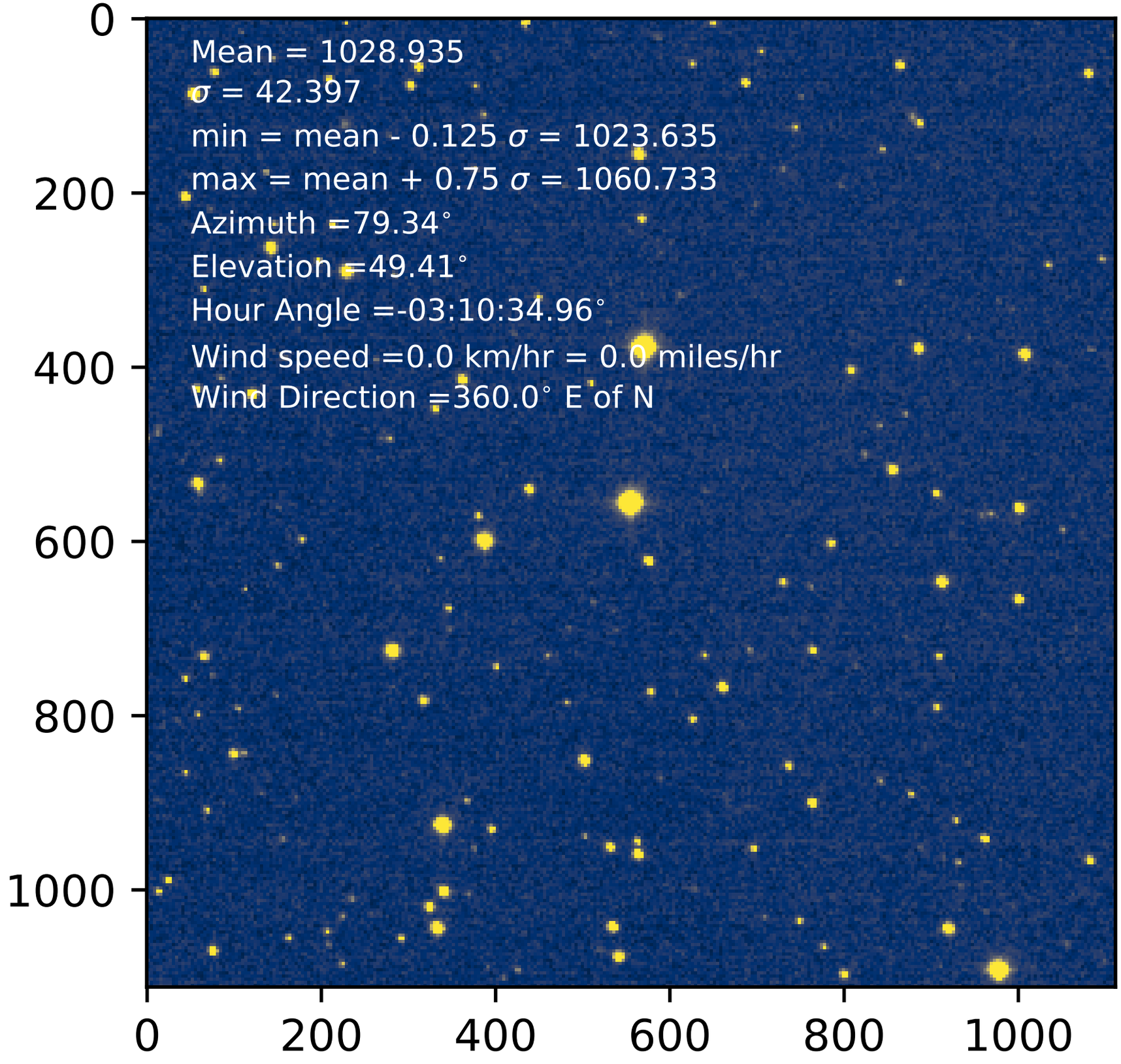

Mean = 1029.327
σ = 42.954
min = mean - 0.125 σ = 1023.958
max = mean + 0.75 σ = 1061.543
Azimuth =79.03°
Elevation =48.65°
Hour Angle =-03:14:13.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

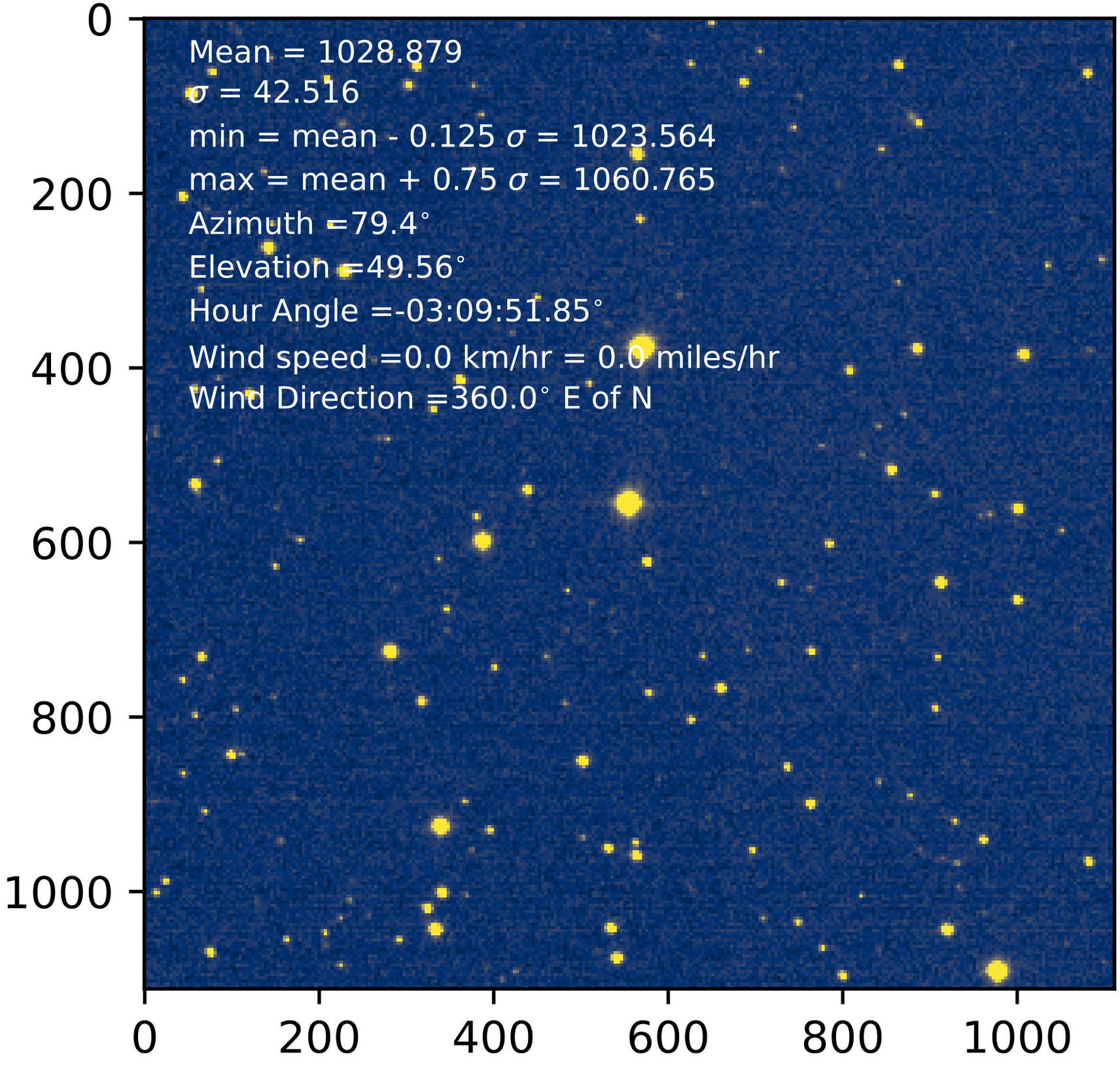

Mean = 1029.296
σ = 42.139
min = mean - 0.125 σ = 1024.028
max = mean + 0.75 σ = 1060.9
Azimuth =79.09°
Elevation =48.81°
Hour Angle =-03:13:29.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

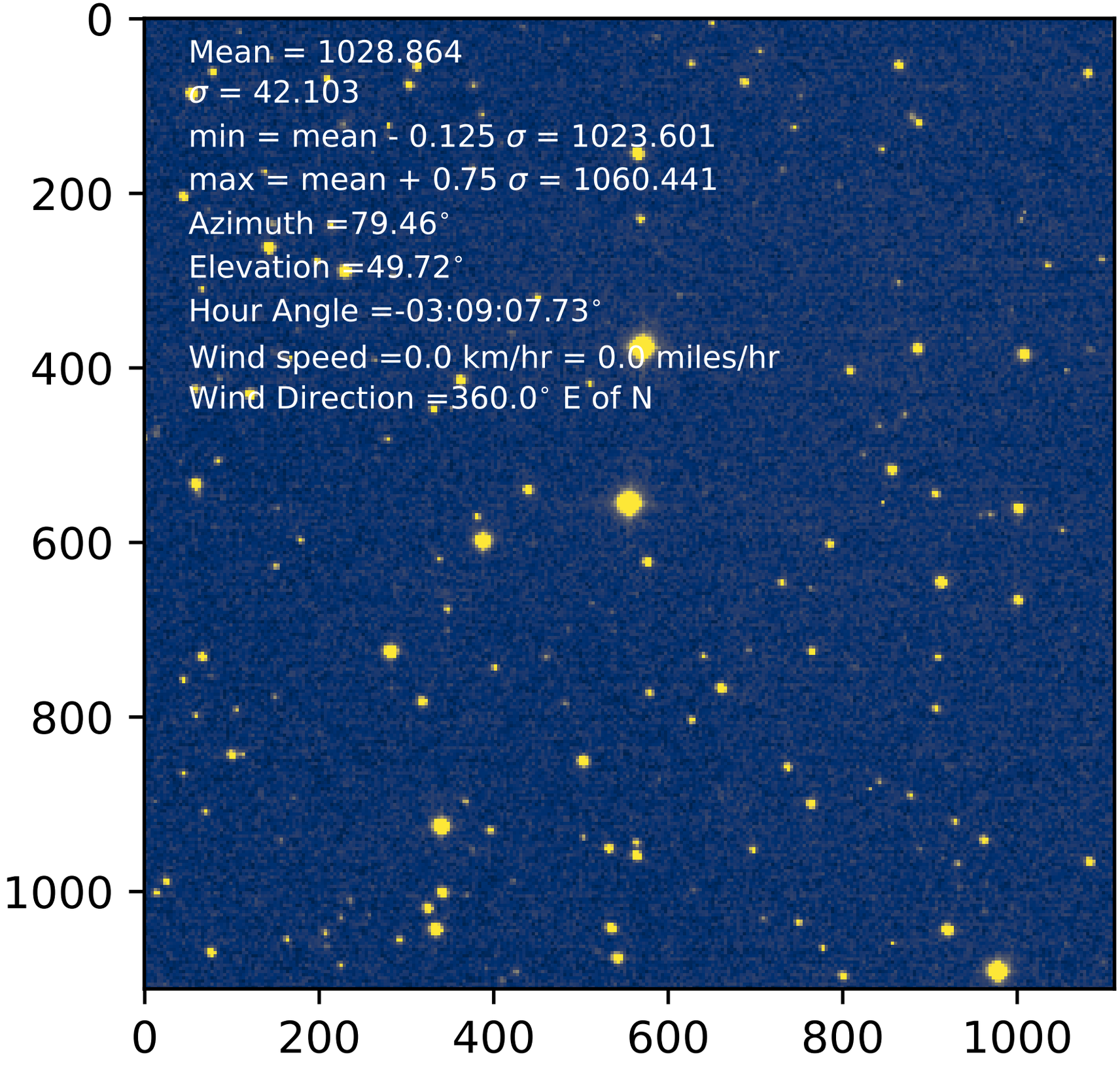

Mean = 1029.171
σ = 41.678
min = mean - 0.125 σ = 1023.962
max = mean + 0.75 σ = 1060.43
Azimuth =79.15°
Elevation =48.96°
Hour Angle =-03:12:46.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

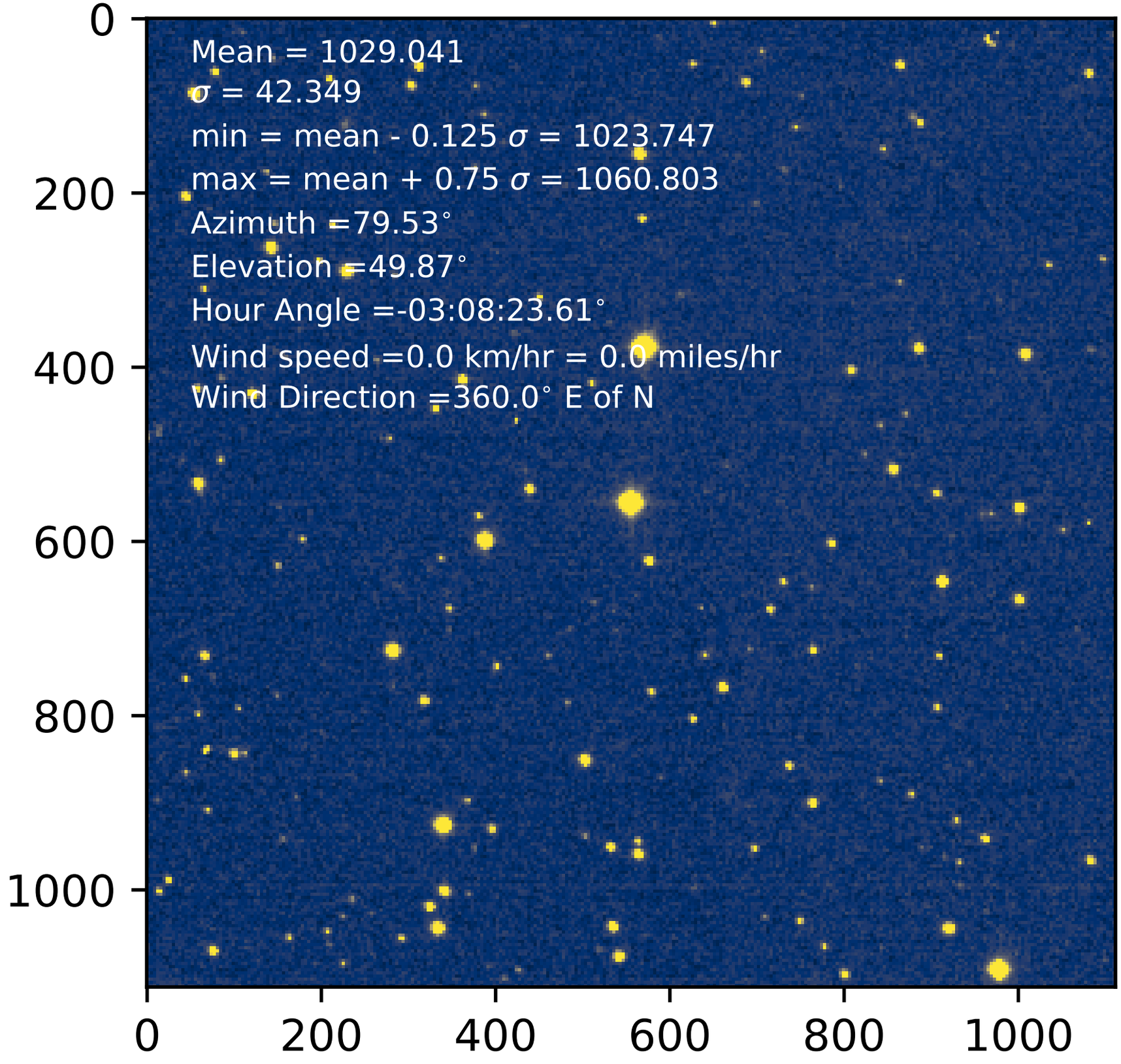

Mean = 1029.081
σ = 41.818
min = mean - 0.125 σ = 1023.853
max = mean + 0.75 σ = 1060.444
Azimuth =79.22°
Elevation =49.11°
Hour Angle =-03:12:02.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

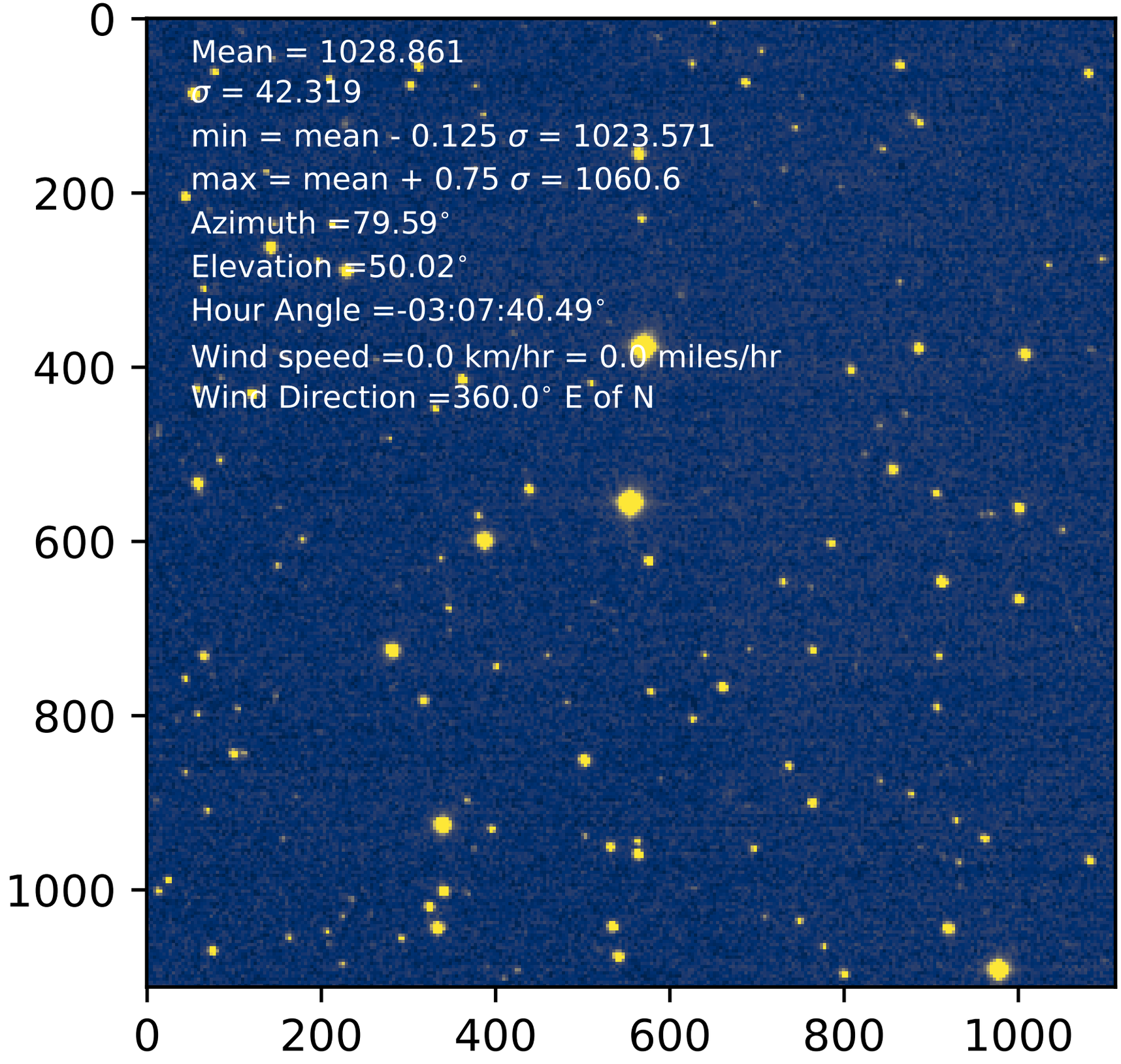

Mean = 1028.941
σ = 41.884
min = mean - 0.125 σ = 1023.706
max = mean + 0.75 σ = 1060.354
Azimuth =79.28°
Elevation =49.26°
Hour Angle =-03:11:19.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

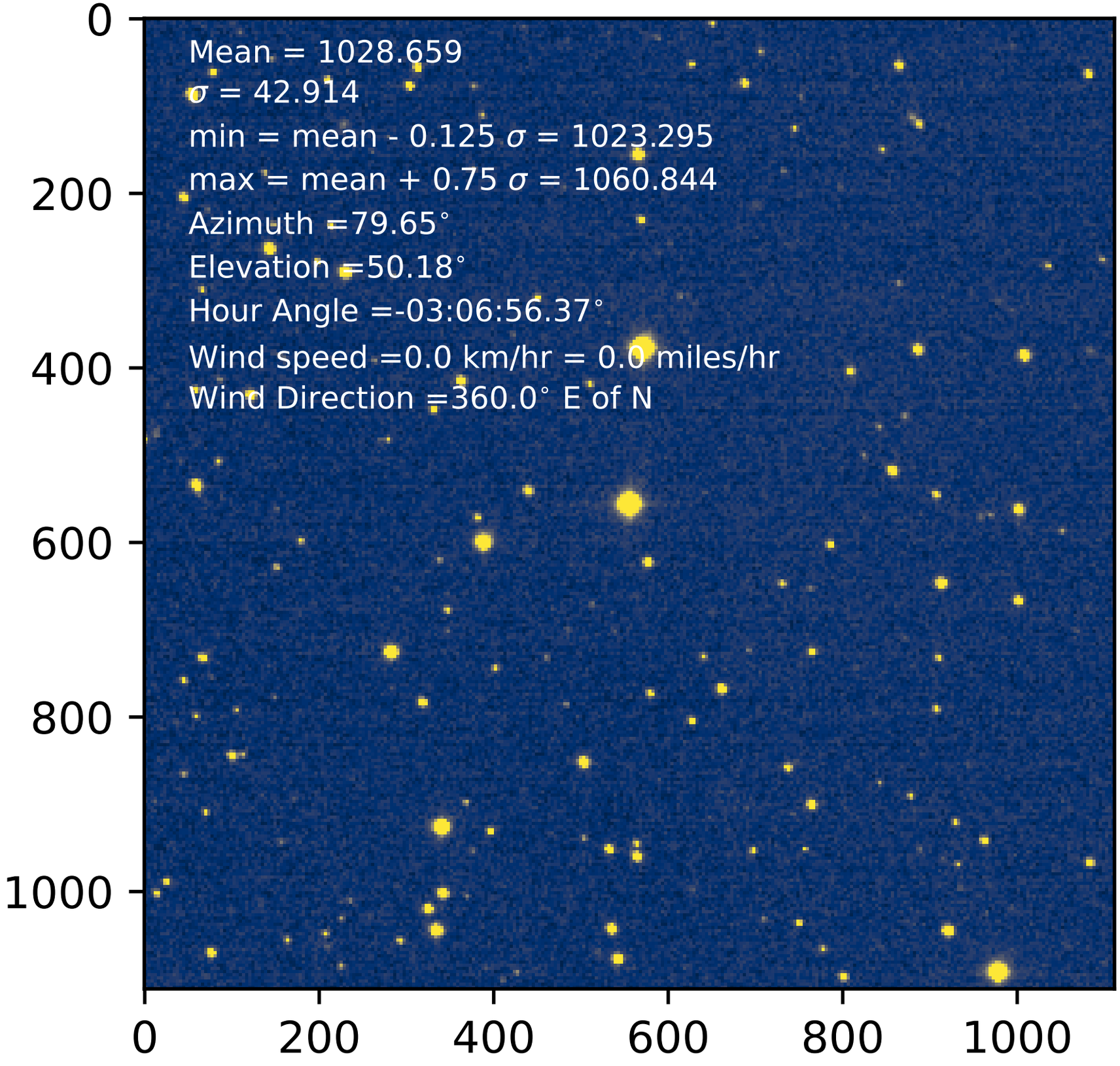

Mean = 1028.935
σ = 42.397
min = mean - 0.125 σ = 1023.635
max = mean + 0.75 σ = 1060.733
Azimuth =79.34°
Elevation =49.41°
Hour Angle =-03:10:34.96°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

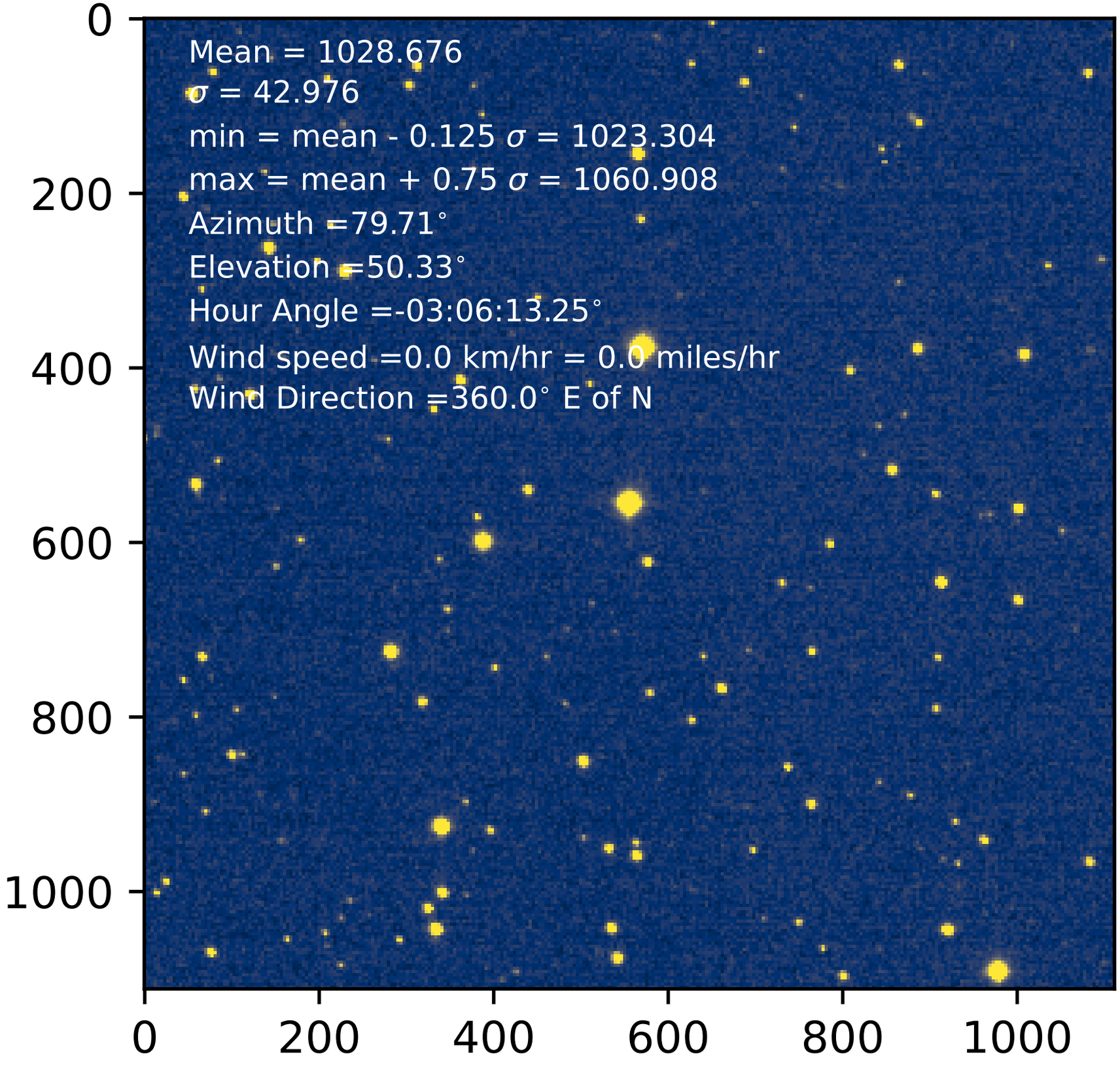

Mean = 1028.879
σ = 42.516
min = mean - 0.125 σ = 1023.564
max = mean + 0.75 σ = 1060.765
Azimuth =79.4°
Elevation =49.56°
Hour Angle =-03:09:51.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

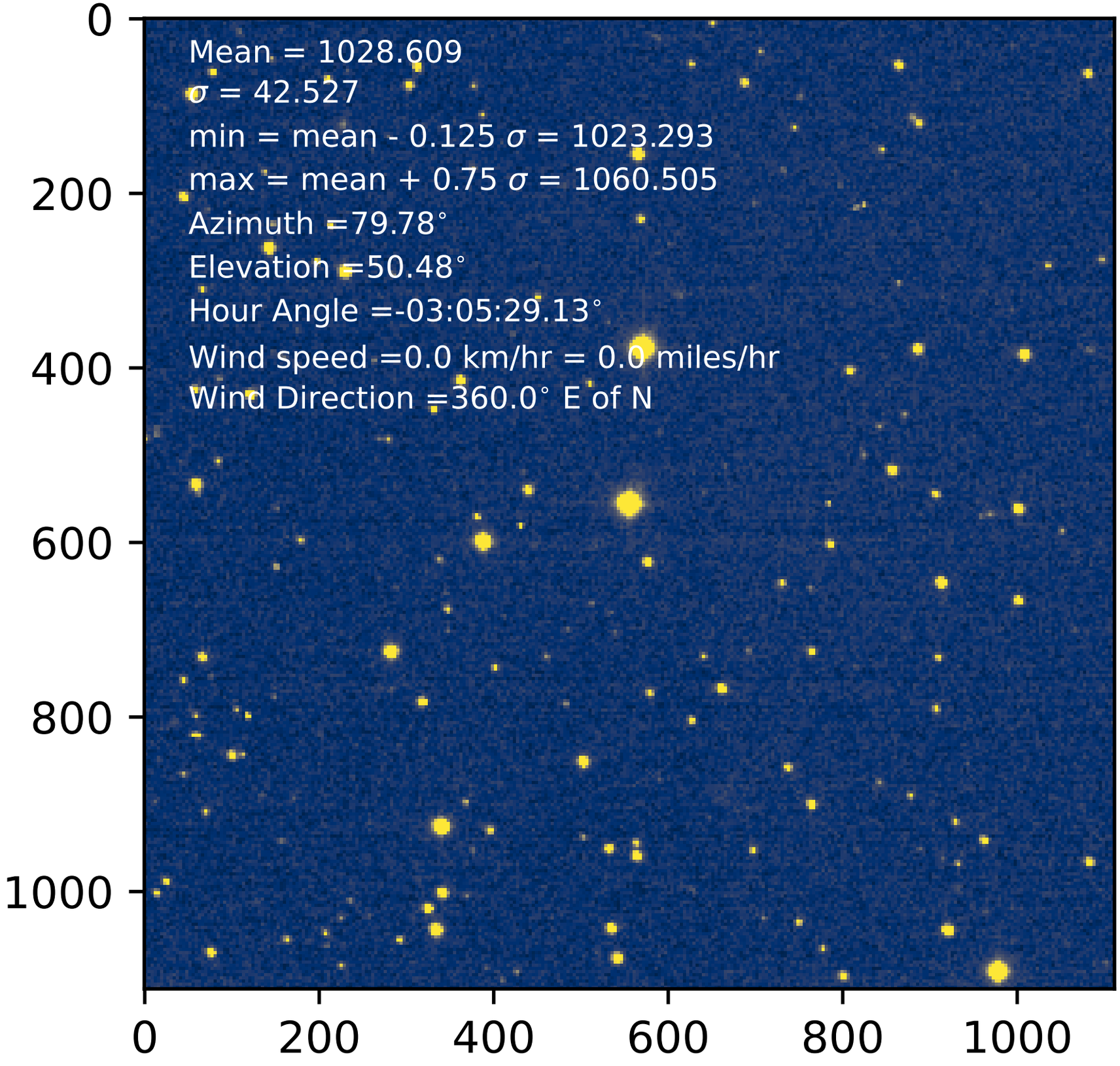

Mean = 1028.864
σ = 42.103
min = mean - 0.125 σ = 1023.601
max = mean + 0.75 σ = 1060.441
Azimuth =79.46°
Elevation =49.72°
Hour Angle =-03:09:07.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

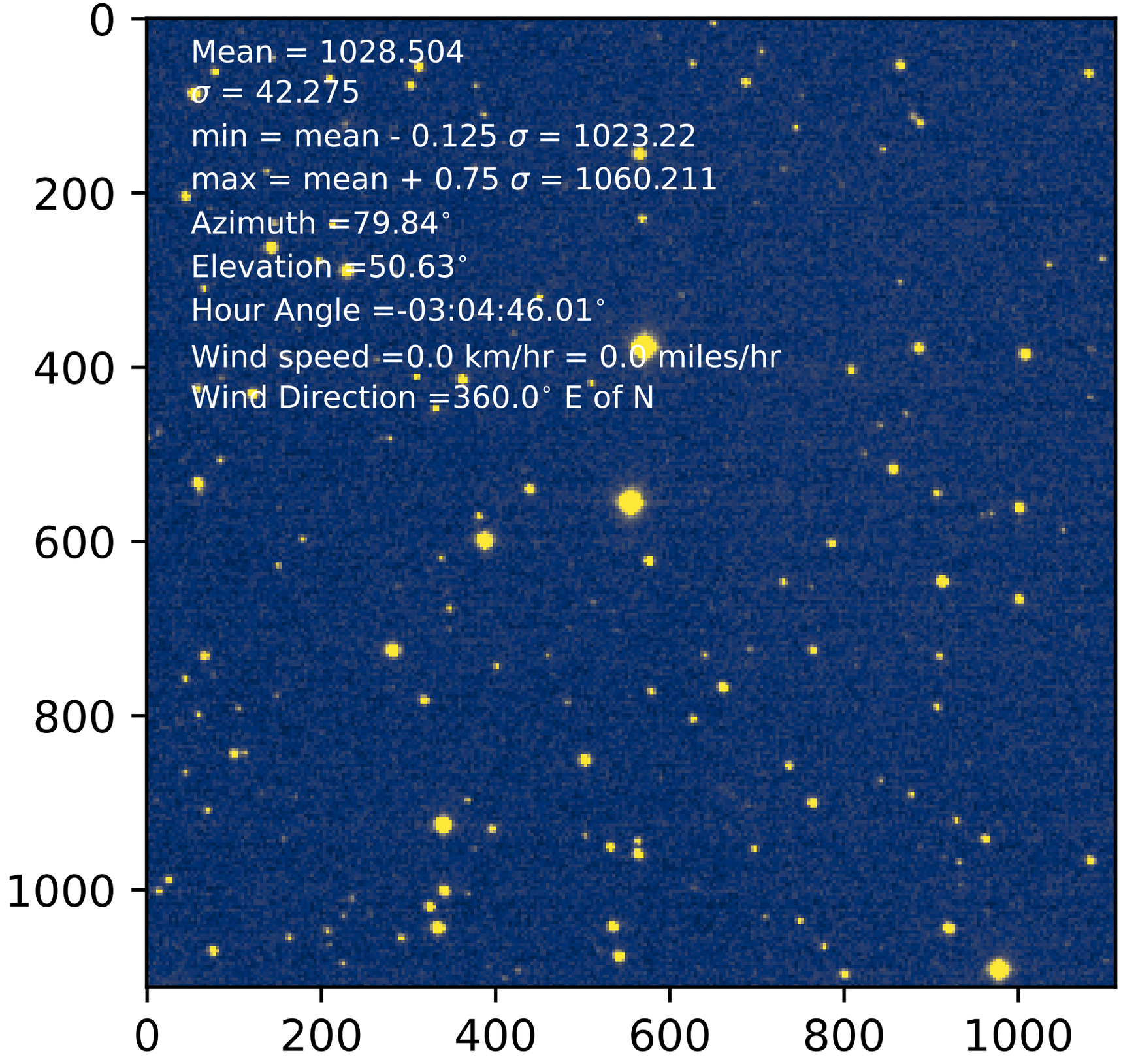

Mean = 1029.041
σ = 42.349
min = mean - 0.125 σ = 1023.747
max = mean + 0.75 σ = 1060.803
Azimuth =79.53°
Elevation =49.87°
Hour Angle =-03:08:23.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

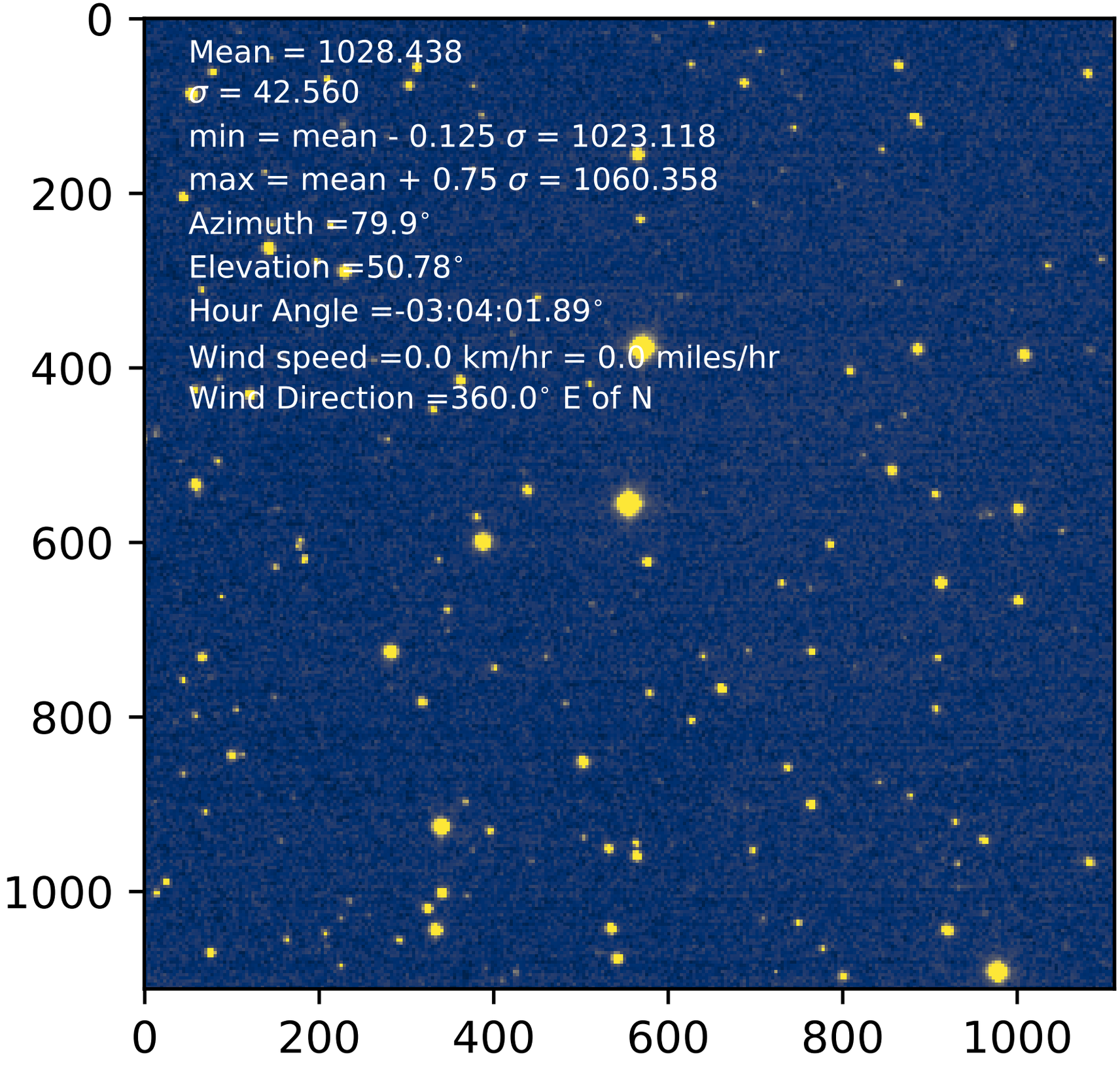

Mean = 1028.861
σ = 42.319
min = mean - 0.125 σ = 1023.571
max = mean + 0.75 σ = 1060.6
Azimuth =79.59°
Elevation =50.02°
Hour Angle =-03:07:40.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

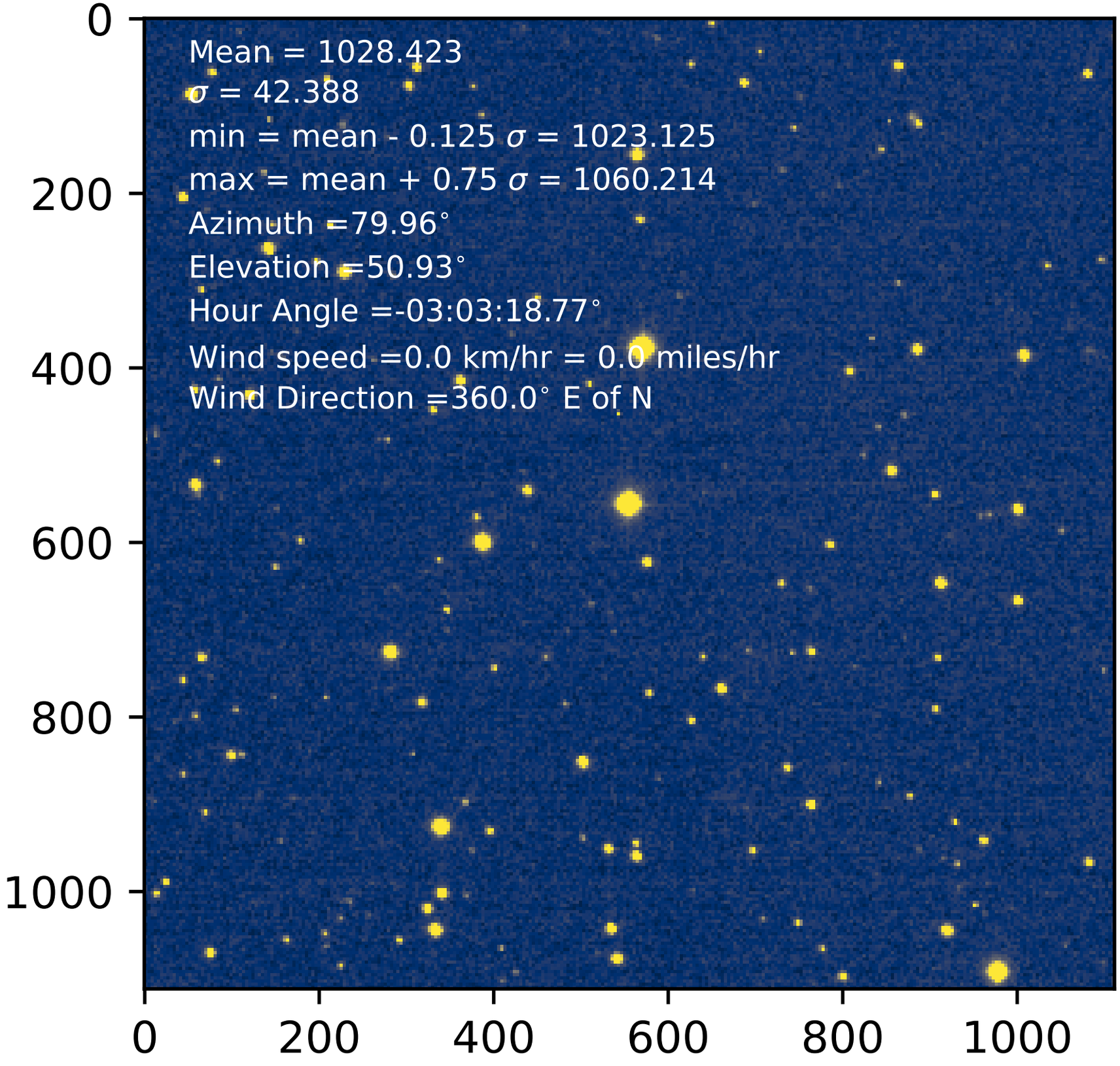

Mean = 1028.659
σ = 42.914
min = mean - 0.125 σ = 1023.295
max = mean + 0.75 σ = 1060.844
Azimuth =79.65°
Elevation =50.18°
Hour Angle =-03:06:56.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

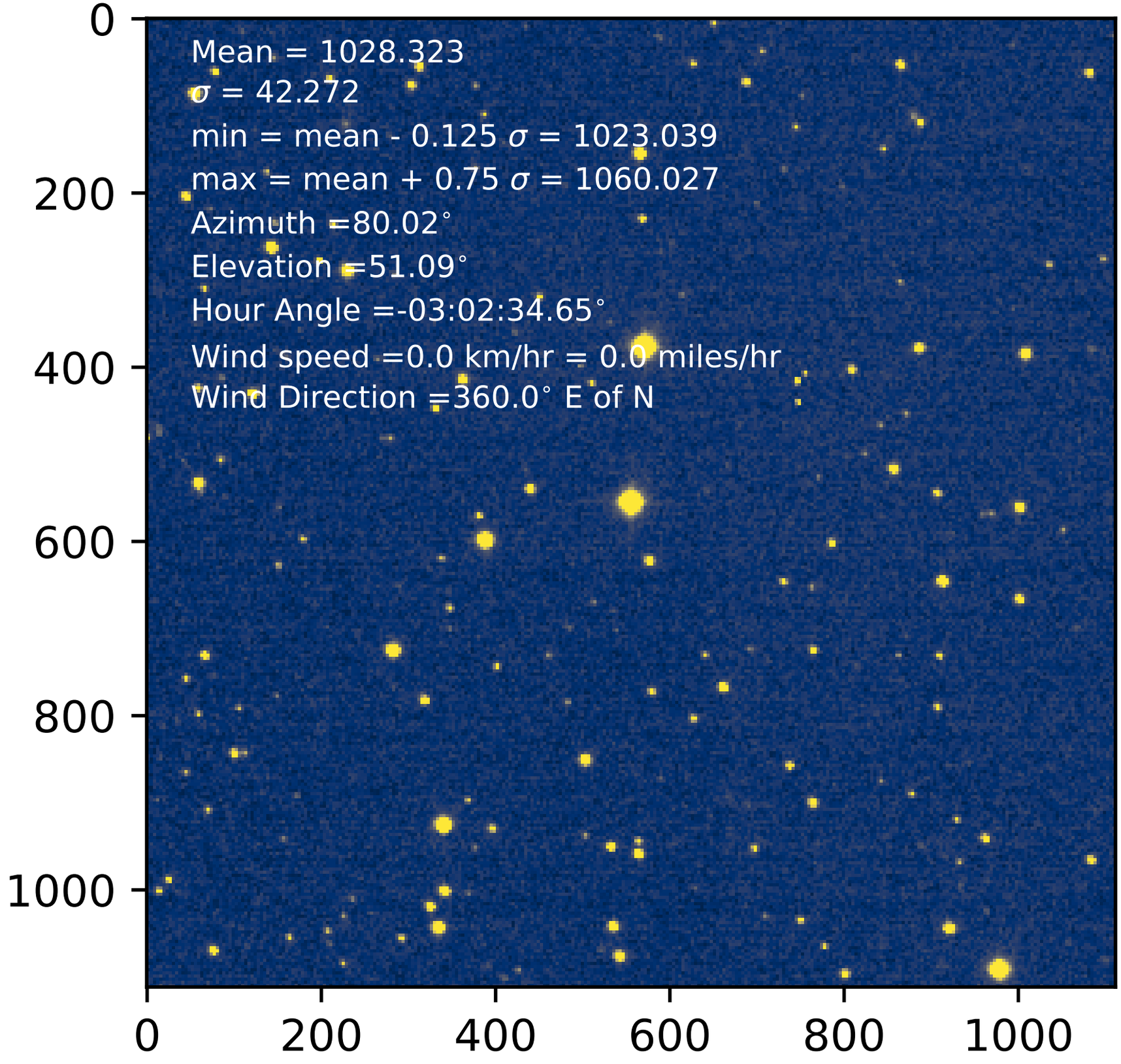

Mean = 1028.676
σ = 42.976
min = mean - 0.125 σ = 1023.304
max = mean + 0.75 σ = 1060.908
Azimuth =79.71°
Elevation =50.33°
Hour Angle =-03:06:13.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

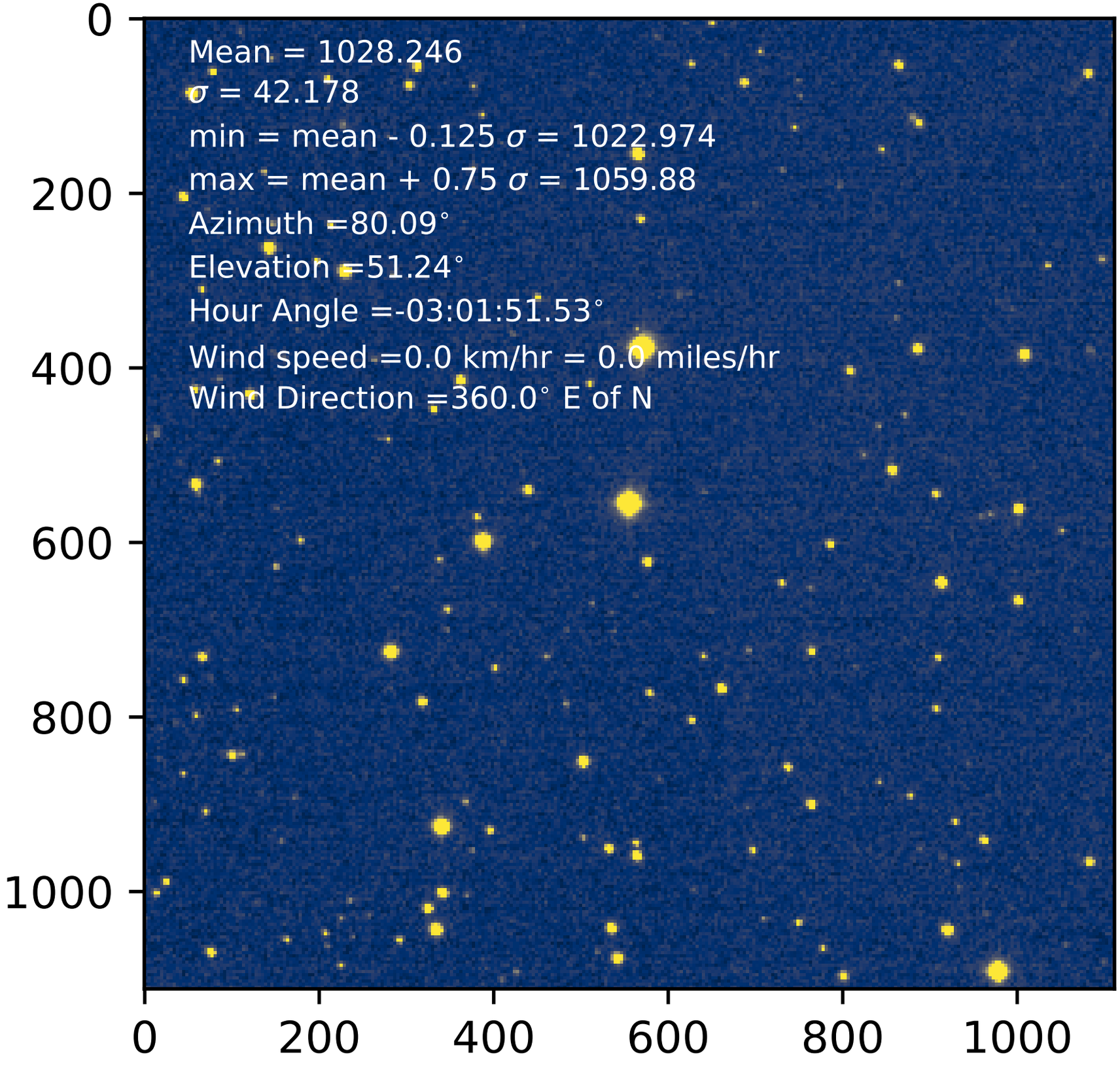

Mean = 1028.609
σ = 42.527
min = mean - 0.125 σ = 1023.293
max = mean + 0.75 σ = 1060.505
Azimuth =79.78°
Elevation =50.48°
Hour Angle =-03:05:29.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

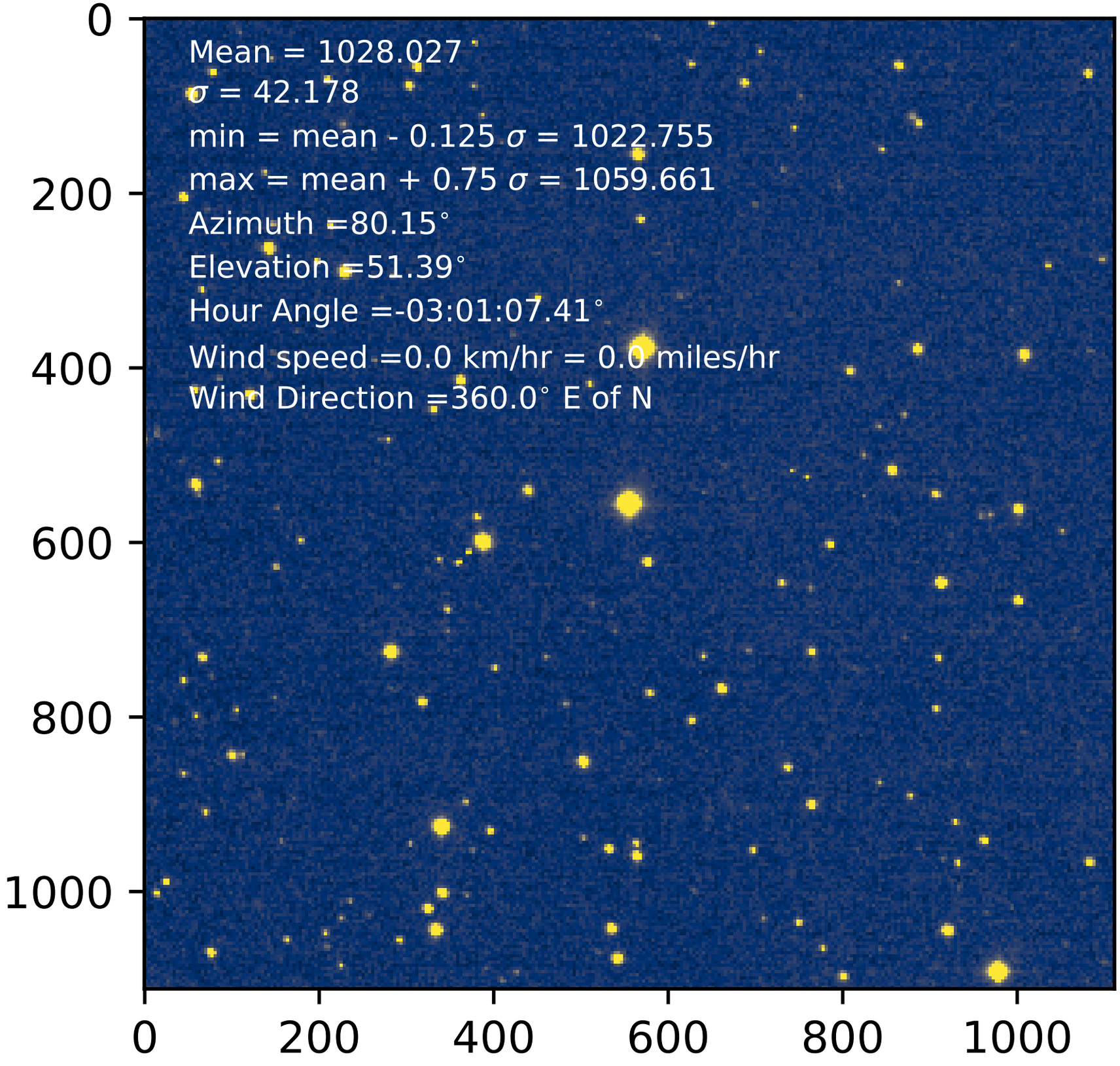

Mean = 1028.504
σ = 42.275
min = mean - 0.125 σ = 1023.22
max = mean + 0.75 σ = 1060.211
Azimuth =79.84°
Elevation =50.63°
Hour Angle =-03:04:46.01°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

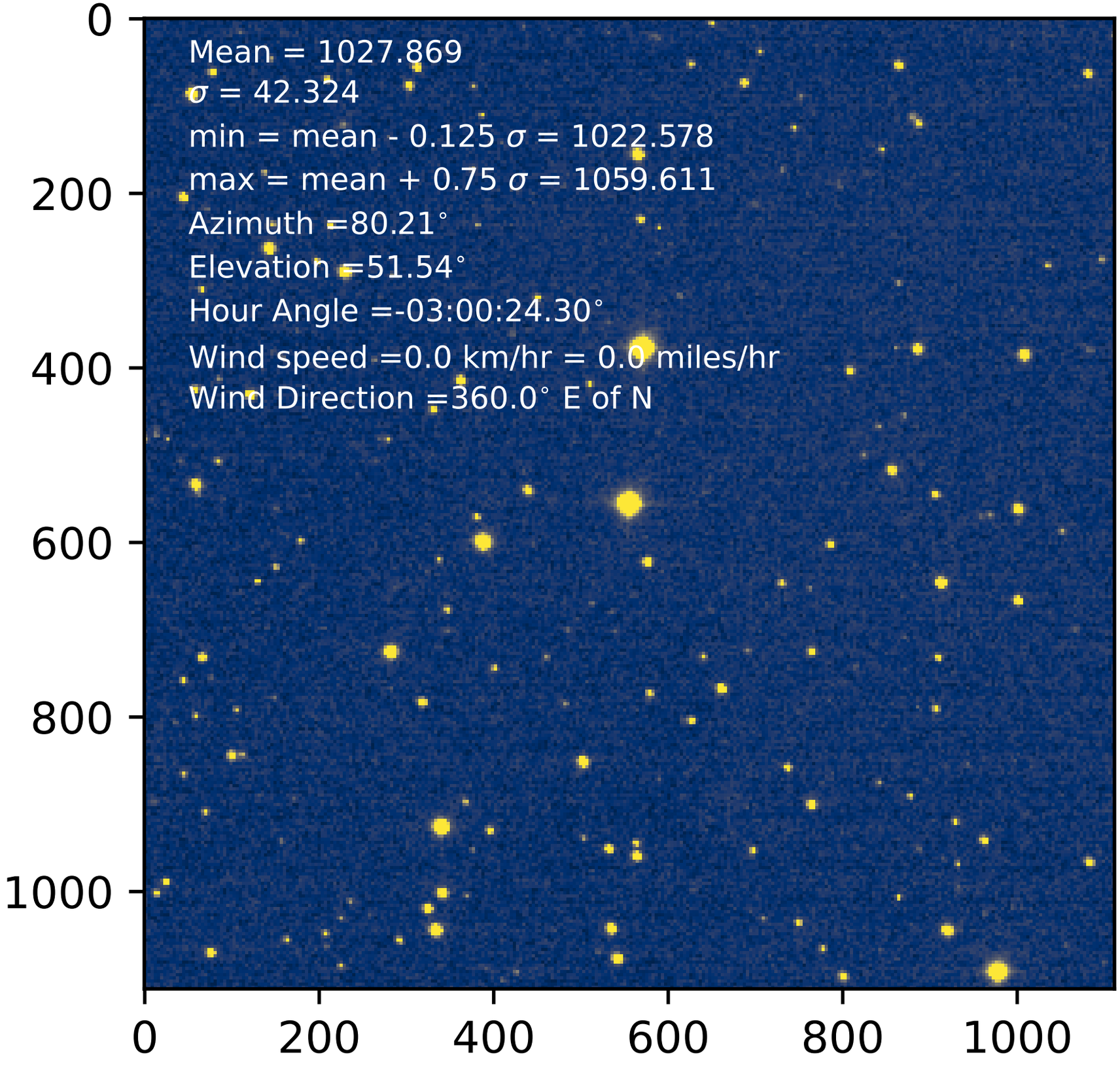

Mean = 1028.438
σ = 42.560
min = mean - 0.125 σ = 1023.118
max = mean + 0.75 σ = 1060.358
Azimuth =79.9°
Elevation =50.78°
Hour Angle =-03:04:01.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

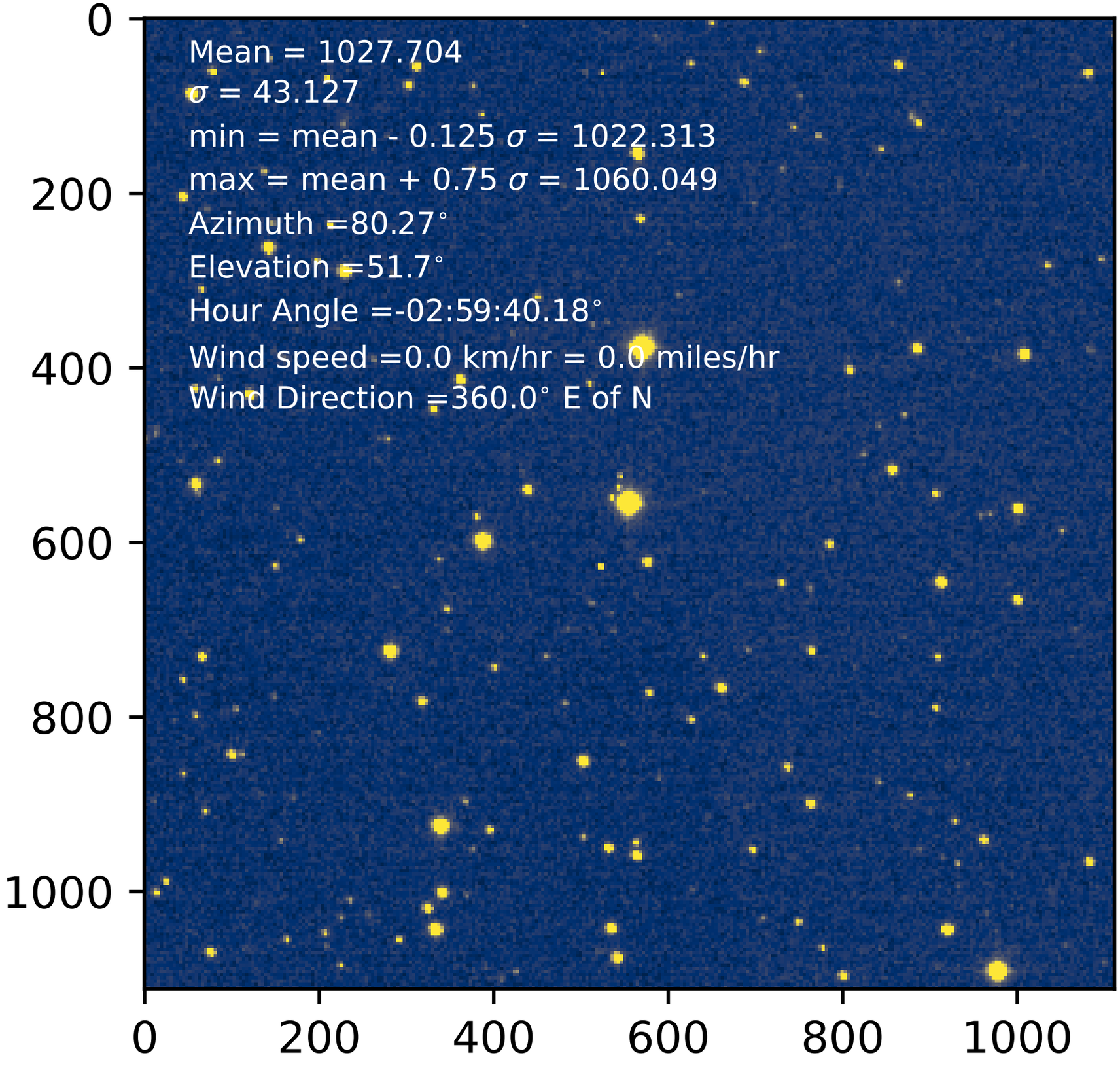

Mean = 1028.423
σ = 42.388
min = mean - 0.125 σ = 1023.125
max = mean + 0.75 σ = 1060.214
Azimuth =79.96°
Elevation =50.93°
Hour Angle =-03:03:18.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1028.323
σ = 42.272
min = mean - 0.125 σ = 1023.039
max = mean + 0.75 σ = 1060.027
Azimuth =80.02°
Elevation =51.09°
Hour Angle =-03:02:34.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1028.246
σ = 42.178
min = mean - 0.125 σ = 1022.974
max = mean + 0.75 σ = 1059.88
Azimuth =80.09°
Elevation =51.24°
Hour Angle =-03:01:51.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1028.027
σ = 42.178
min = mean - 0.125 σ = 1022.755
max = mean + 0.75 σ = 1059.661
Azimuth =80.15°
Elevation =51.39°
Hour Angle =-03:01:07.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1027.869
σ = 42.324
min = mean - 0.125 σ = 1022.578
max = mean + 0.75 σ = 1059.611
Azimuth =80.21°
Elevation =51.54°
Hour Angle =-03:00:24.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1027.704
σ = 43.127
min = mean - 0.125 σ = 1022.313
max = mean + 0.75 σ = 1060.049
Azimuth =80.27°
Elevation =51.7°
Hour Angle =-02:59:40.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
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0
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400
600
800
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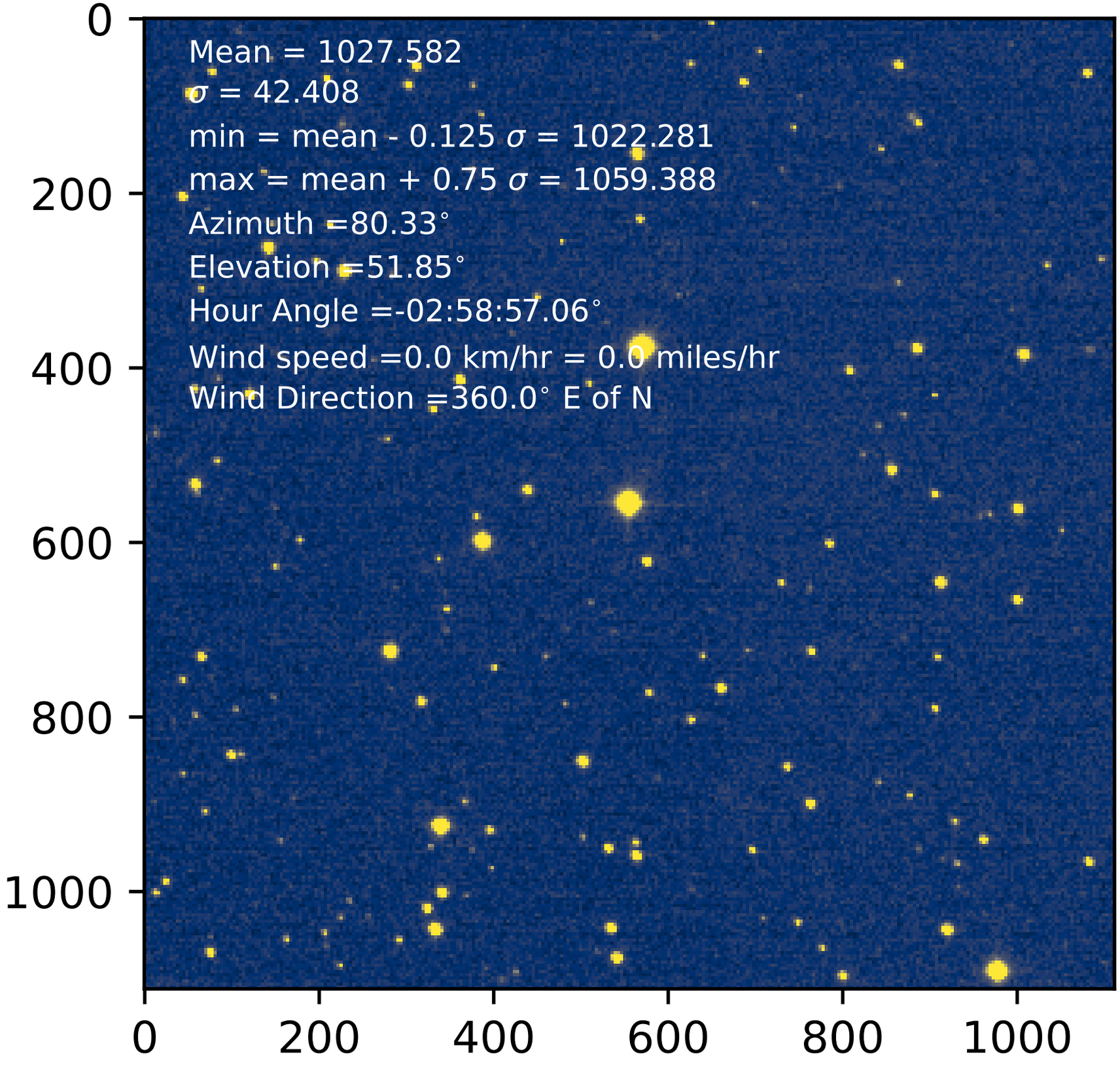
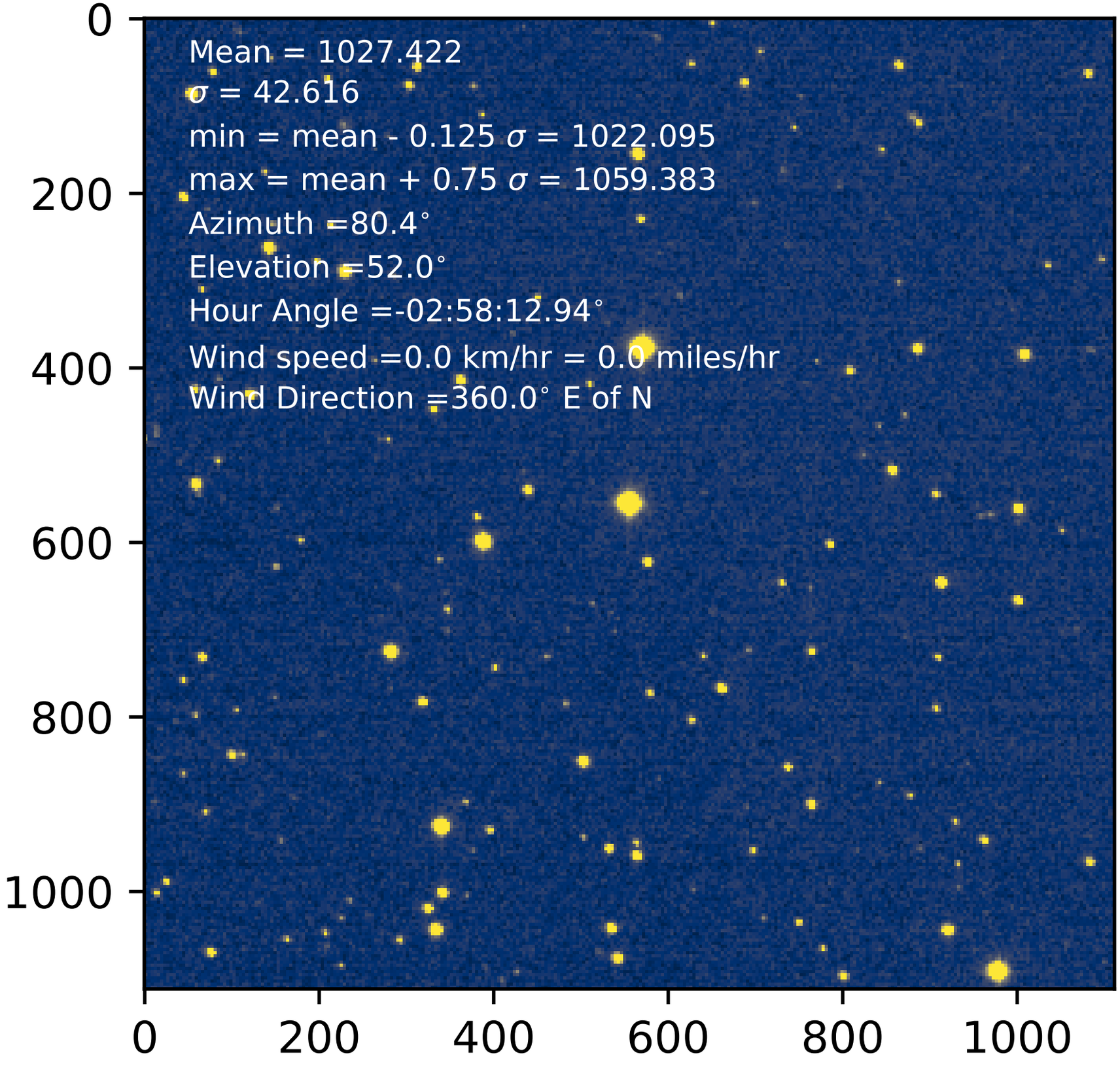
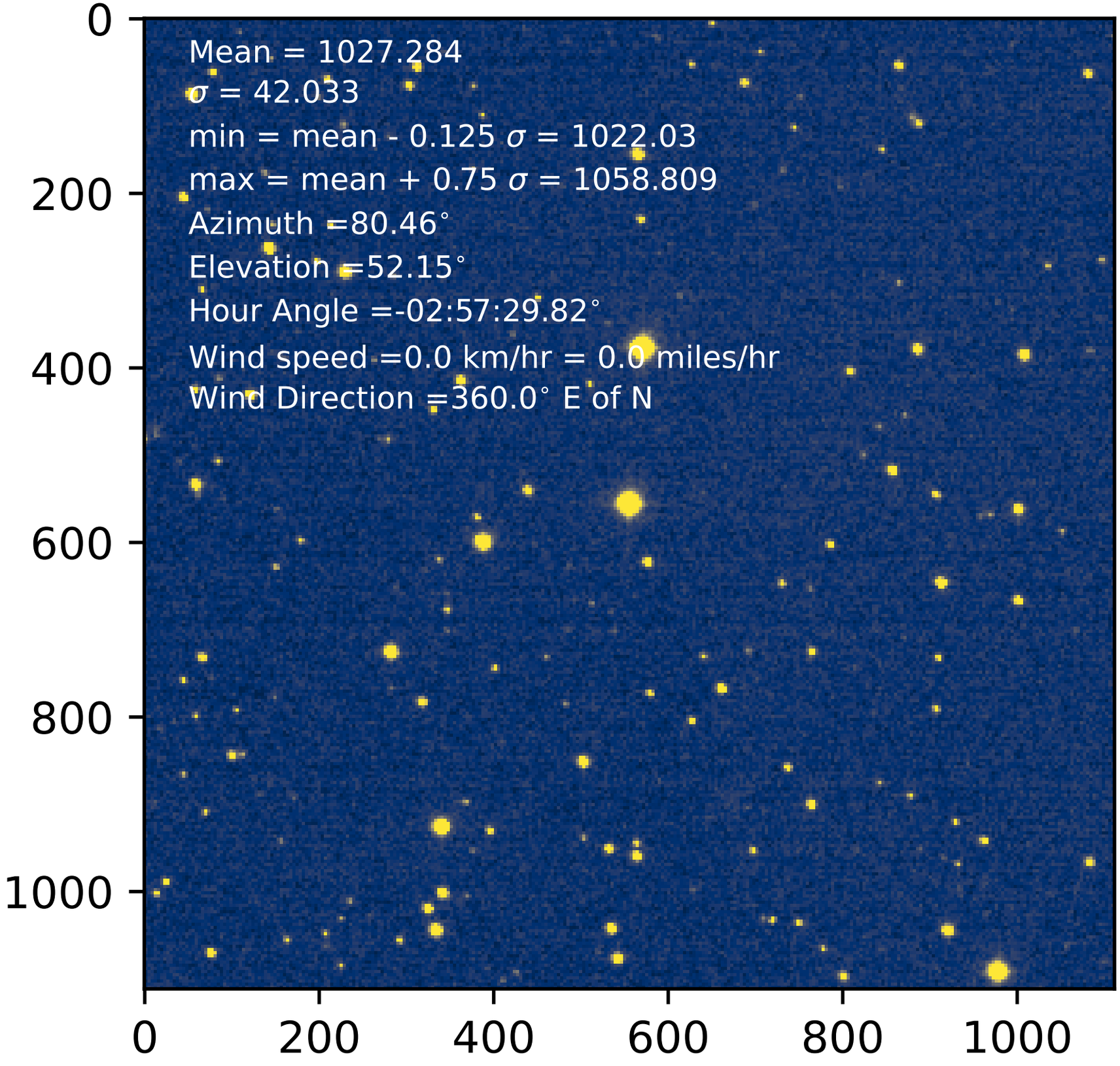
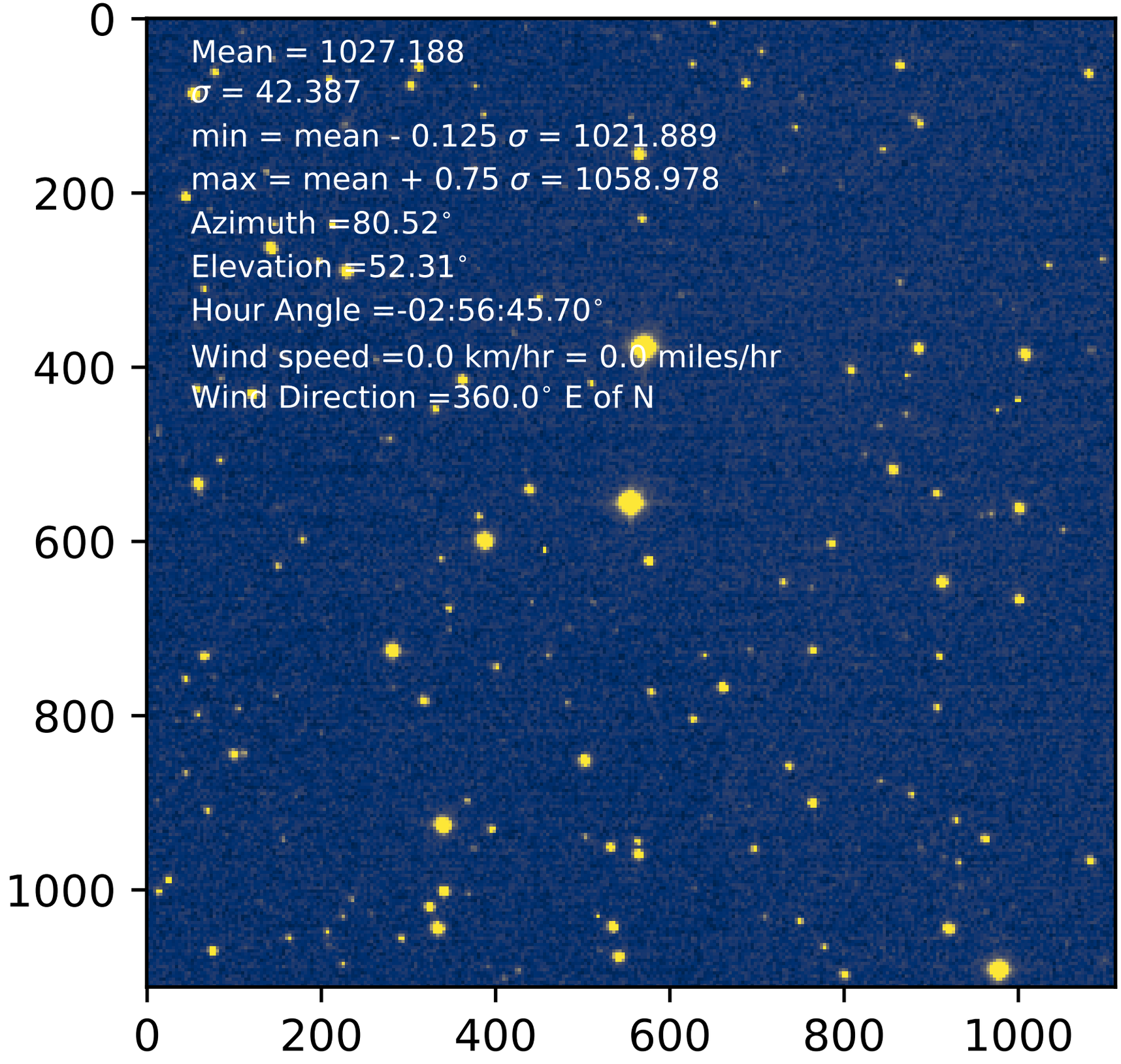
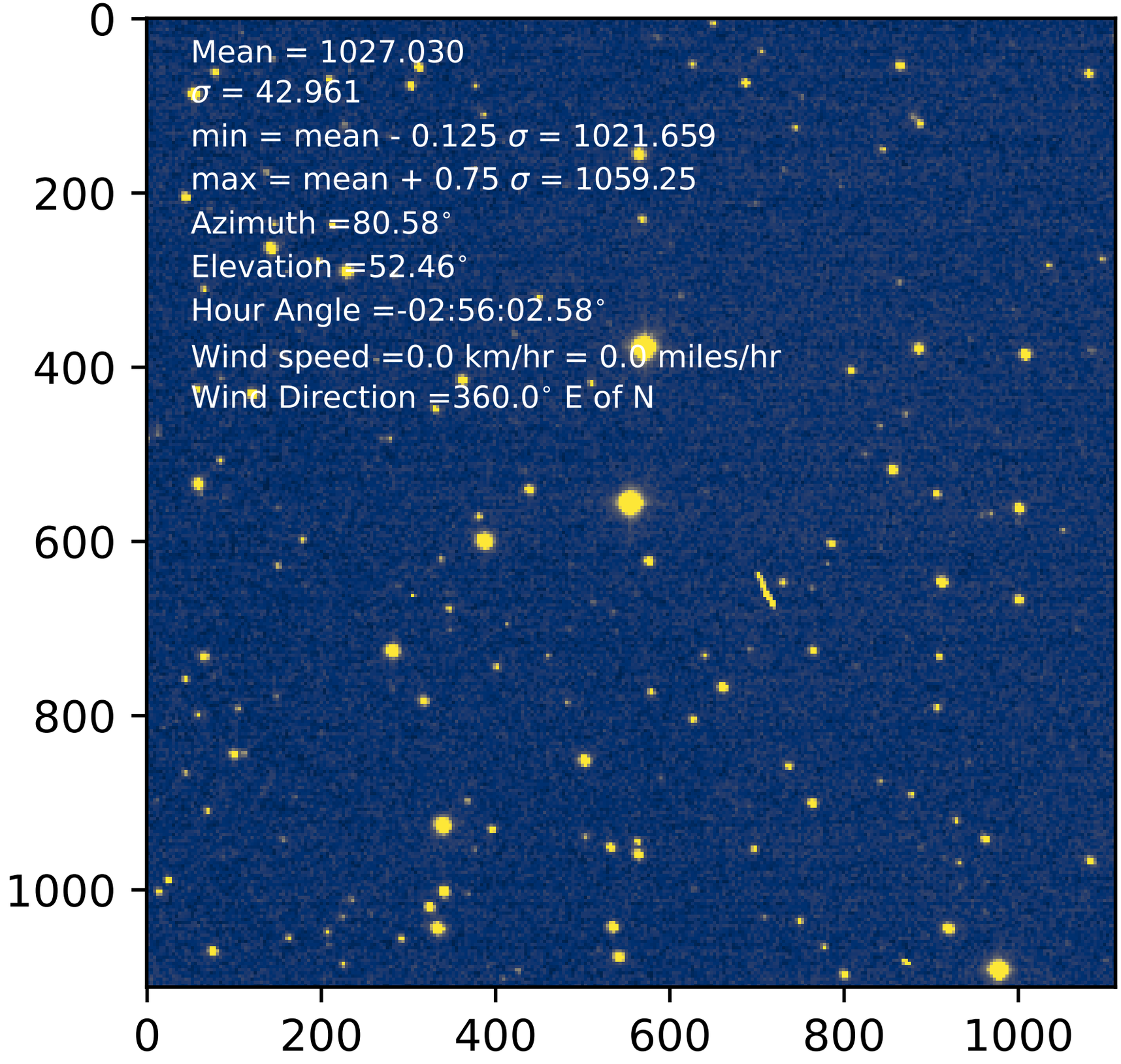
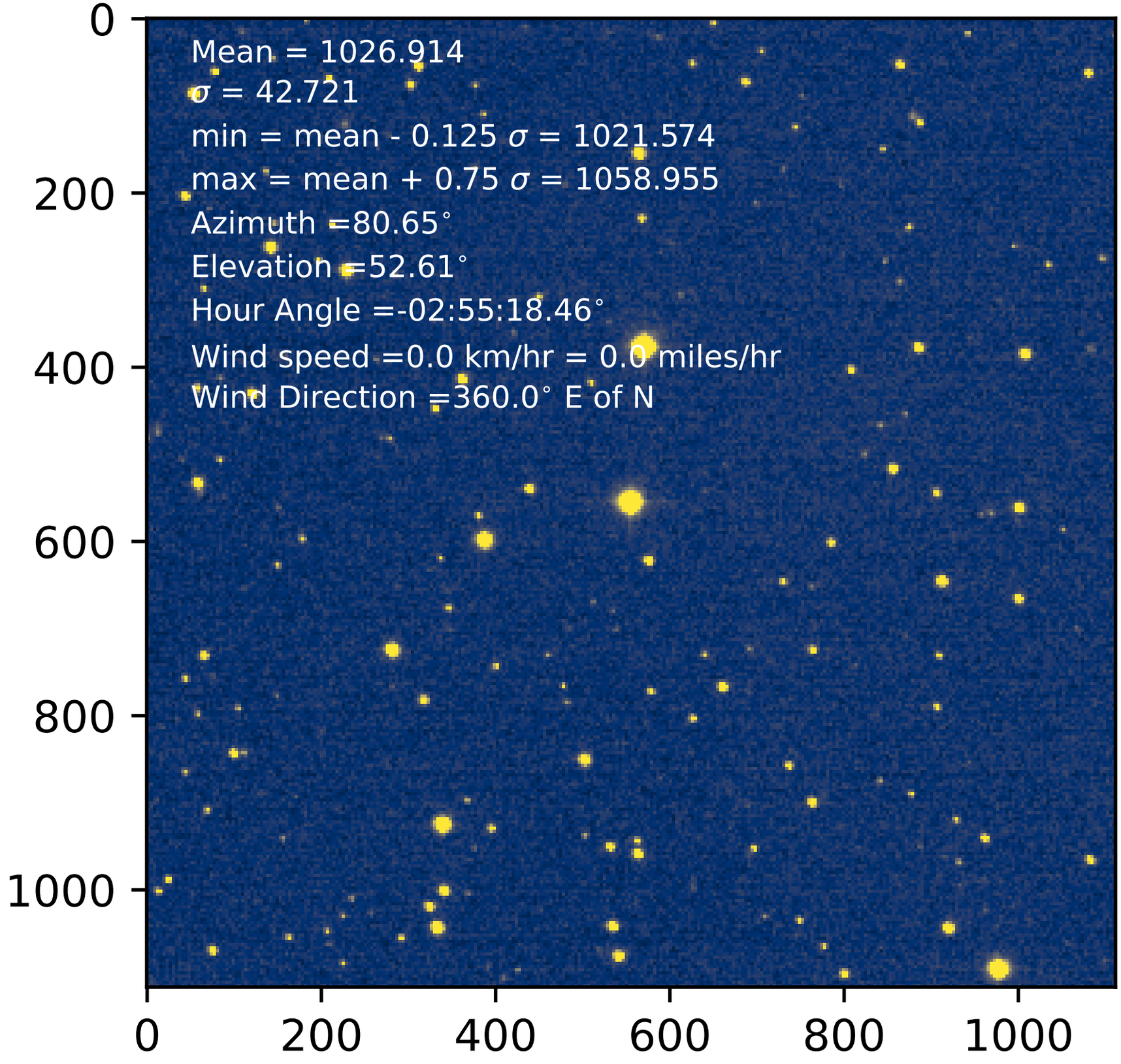

Mean = 1027.582
σ = 42.408
min = mean - 0.125 σ = 1022.281
max = mean + 0.75 σ = 1059.388
Azimuth =80.33°
Elevation =51.85°
Hour Angle =-02:58:57.06°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

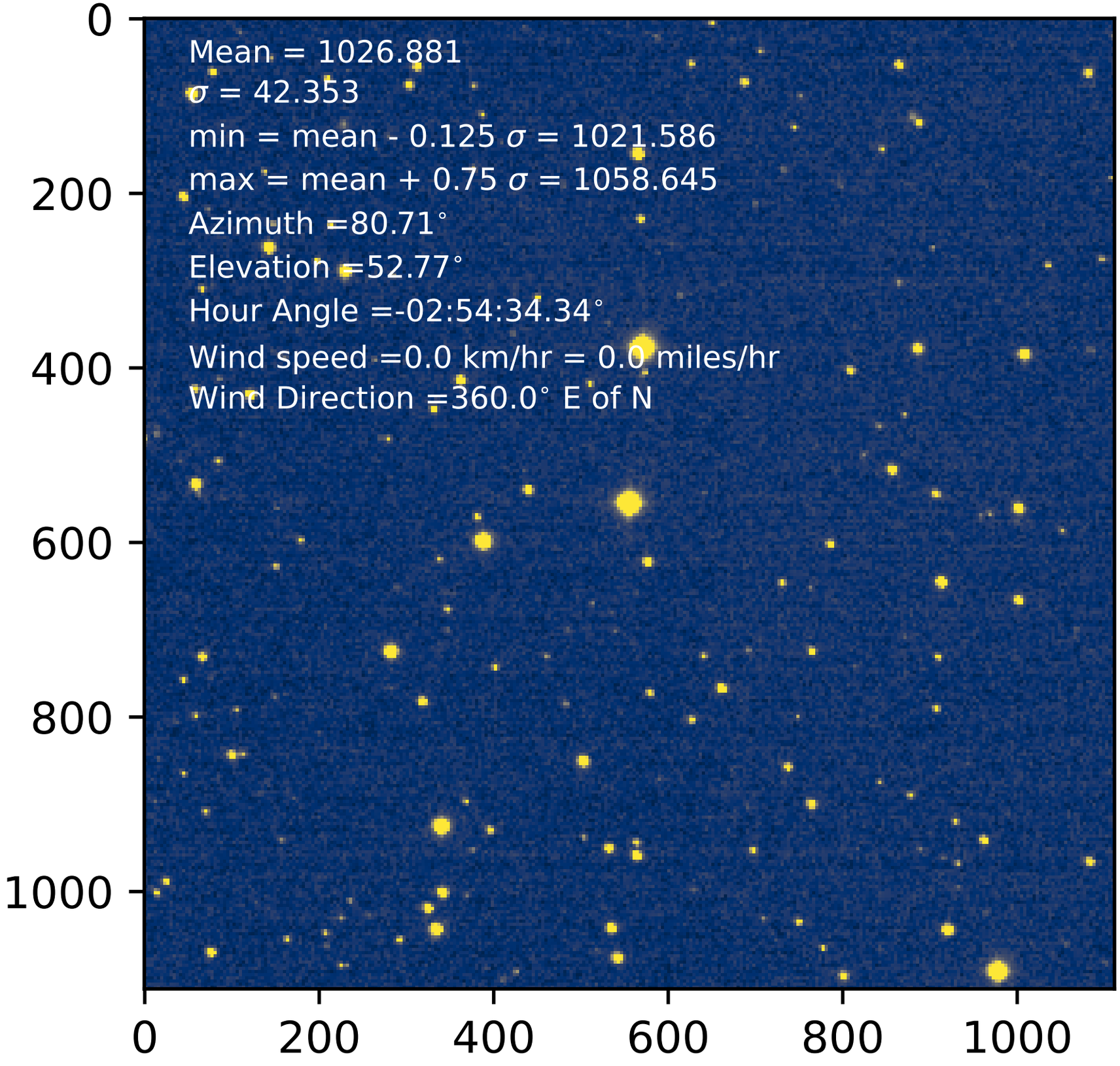

Mean = 1027.422
σ = 42.616
min = mean - 0.125 σ = 1022.095
max = mean + 0.75 σ = 1059.383
Azimuth =80.4°
Elevation =52.0°
Hour Angle =-02:58:12.94°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

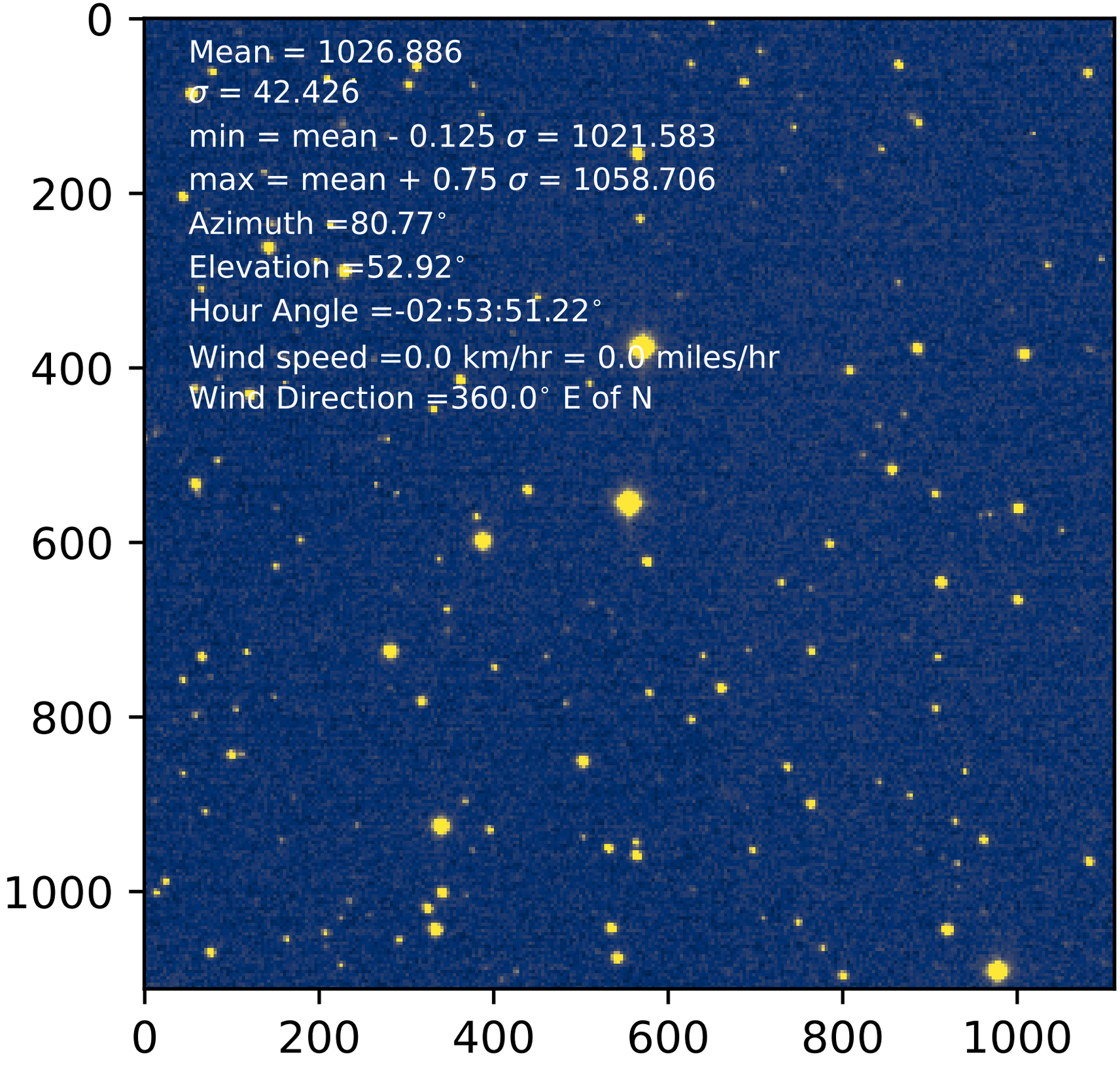

Mean = 1027.284
σ = 42.033
min = mean - 0.125 σ = 1022.03
max = mean + 0.75 σ = 1058.809
Azimuth =80.46°
Elevation =52.15°
Hour Angle =-02:57:29.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

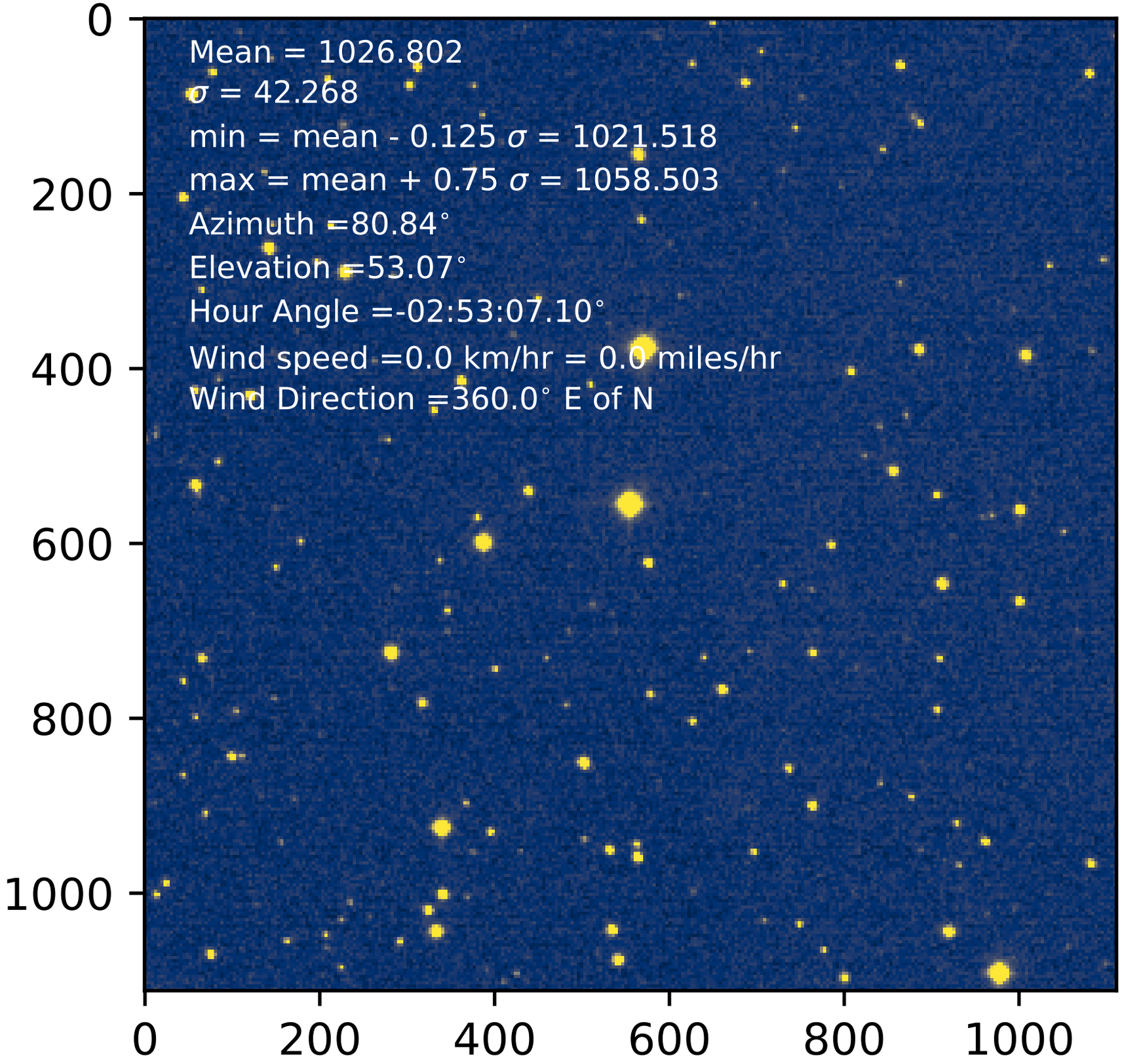

Mean = 1027.188
σ = 42.387
min = mean - 0.125 σ = 1021.889
max = mean + 0.75 σ = 1058.978
Azimuth =80.52°
Elevation =52.31°
Hour Angle =-02:56:45.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

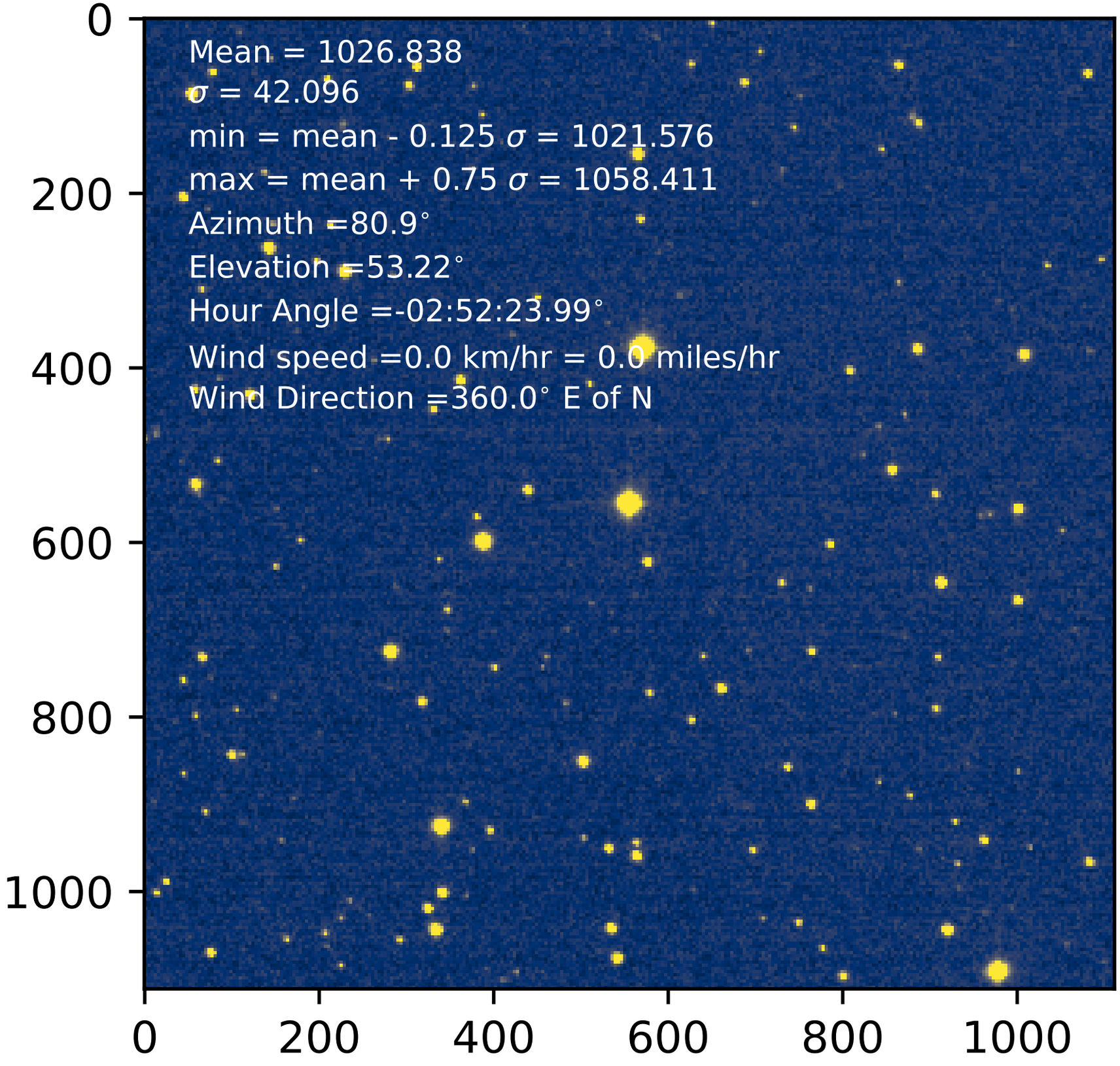

Mean = 1027.030
σ = 42.961
min = mean - 0.125 σ = 1021.659
max = mean + 0.75 σ = 1059.25
Azimuth =80.58°
Elevation =52.46°
Hour Angle =-02:56:02.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

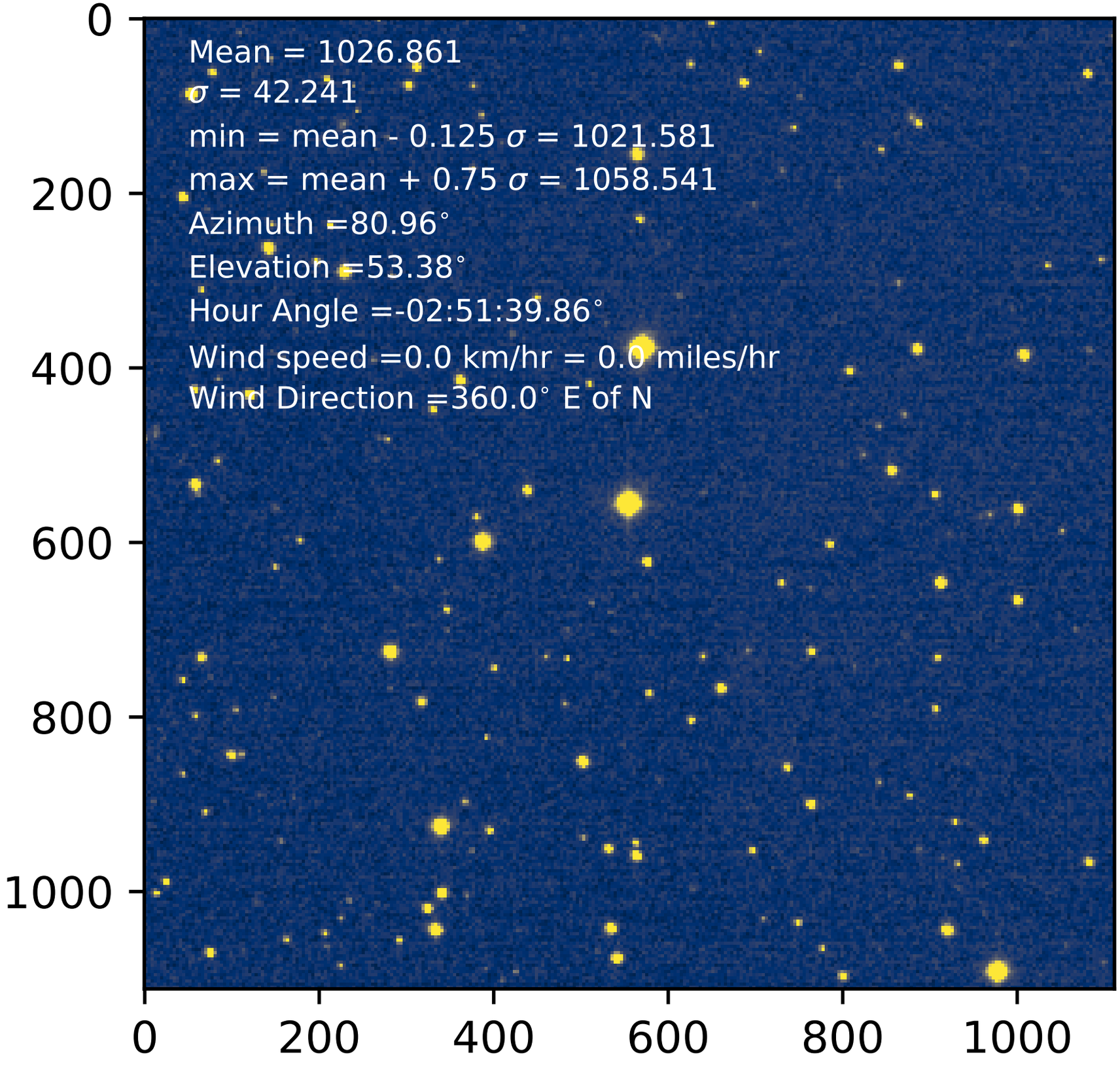

Mean = 1026.914
σ = 42.721
min = mean - 0.125 σ = 1021.574
max = mean + 0.75 σ = 1058.955
Azimuth =80.65°
Elevation =52.61°
Hour Angle =-02:55:18.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

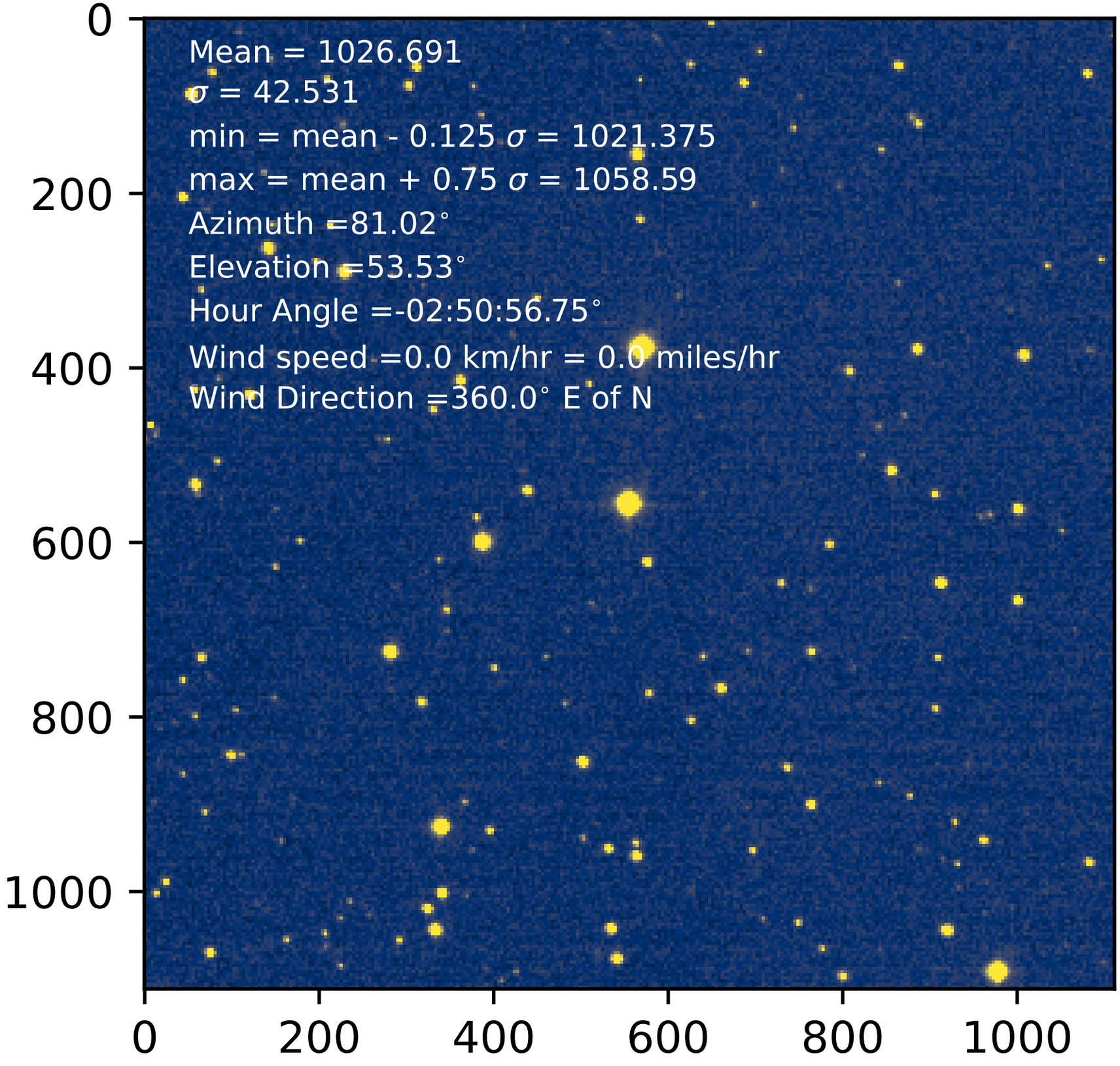

Mean = 1026.881
σ = 42.353
min = mean - 0.125 σ = 1021.586
max = mean + 0.75 σ = 1058.645
Azimuth =80.71°
Elevation =52.77°
Hour Angle =-02:54:34.34°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

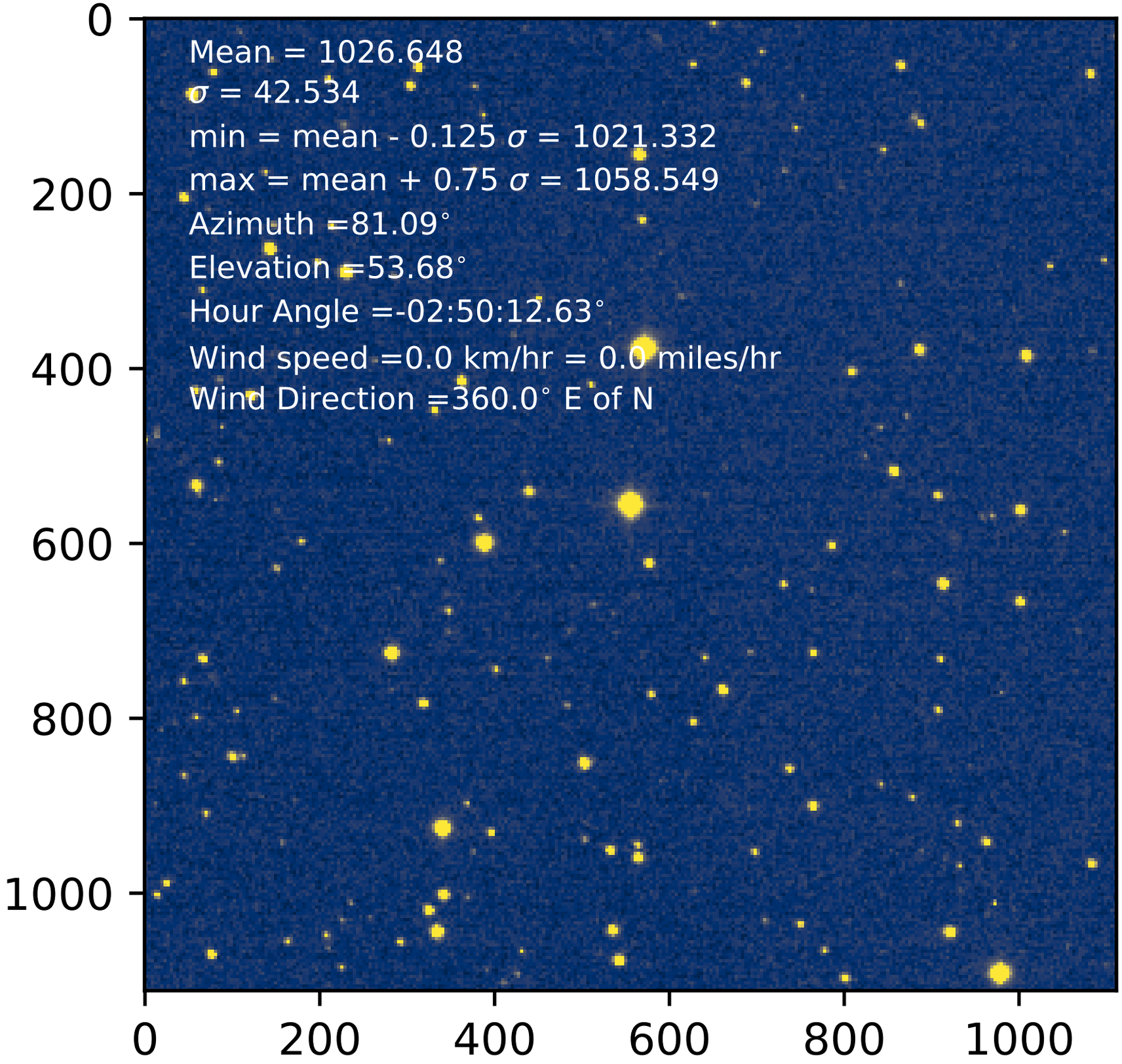

Mean = 1026.886
σ = 42.426
min = mean - 0.125 σ = 1021.583
max = mean + 0.75 σ = 1058.706
Azimuth =80.77°
Elevation =52.92°
Hour Angle =-02:53:51.22°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

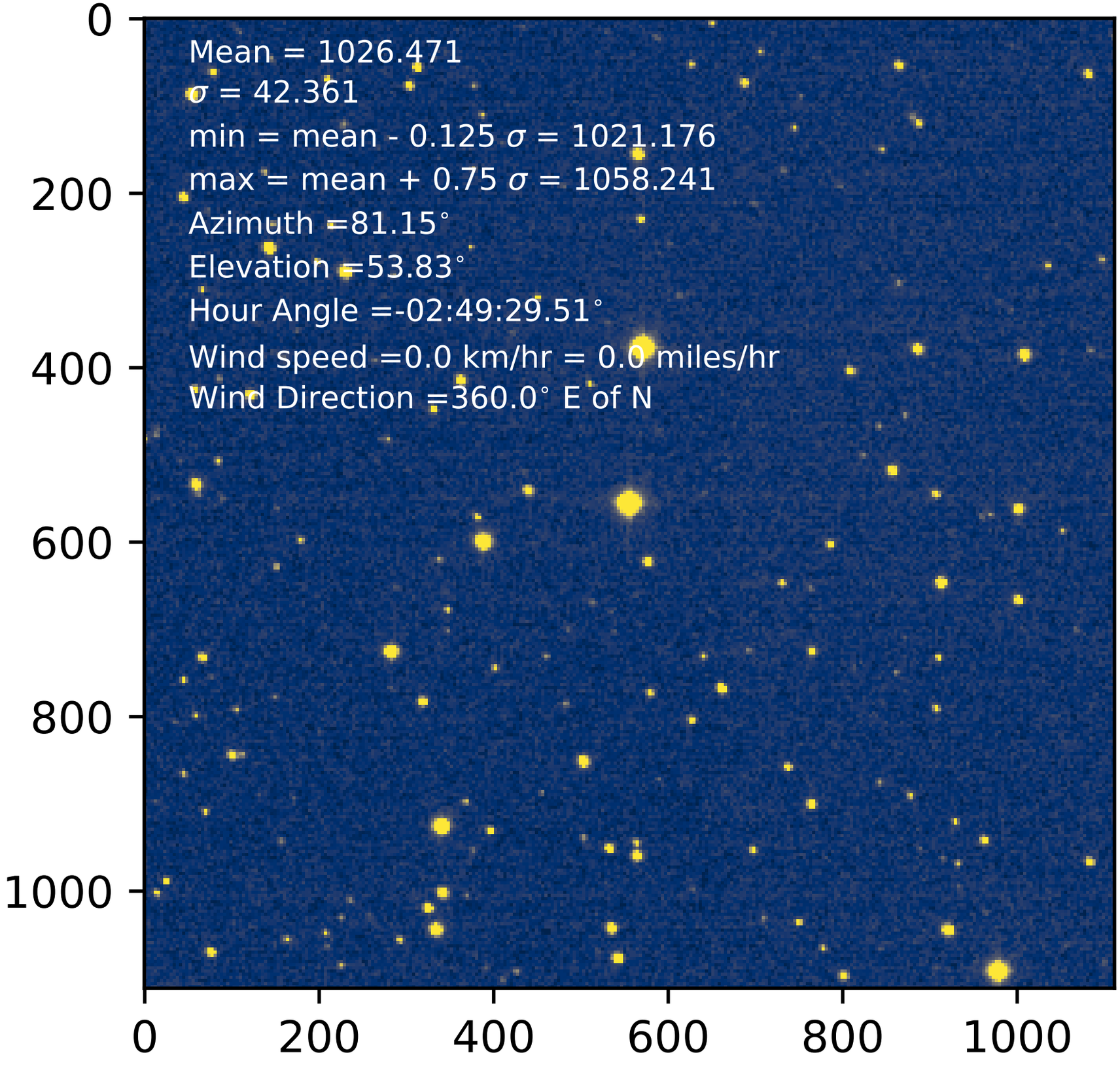

Mean = 1026.802
σ = 42.268
min = mean - 0.125 σ = 1021.518
max = mean + 0.75 σ = 1058.503
Azimuth =80.84°
Elevation =53.07°
Hour Angle =-02:53:07.10°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

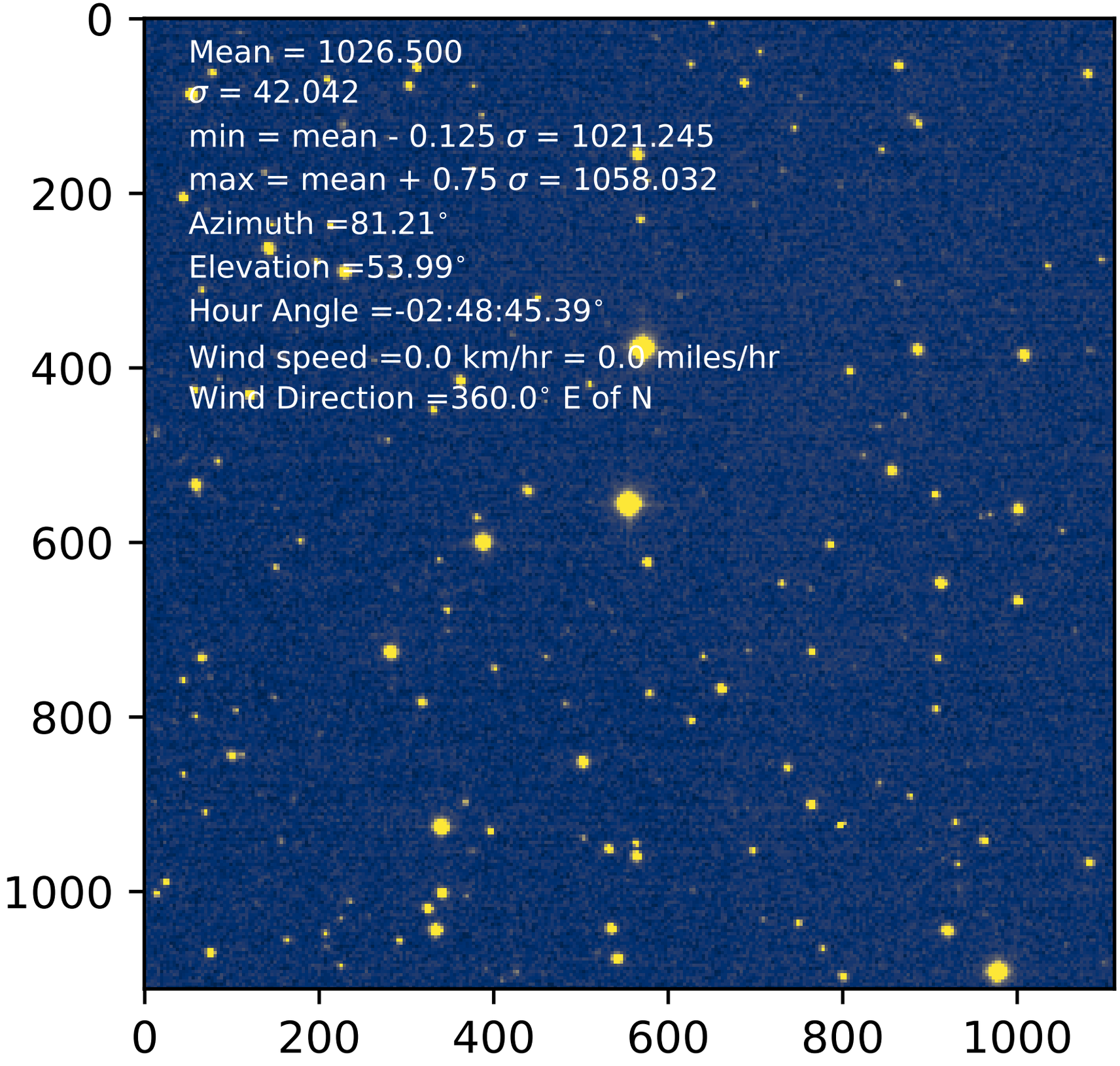

Mean = 1026.838
σ = 42.096
min = mean - 0.125 σ = 1021.576
max = mean + 0.75 σ = 1058.411
Azimuth =80.9°
Elevation =53.22°
Hour Angle =-02:52:23.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

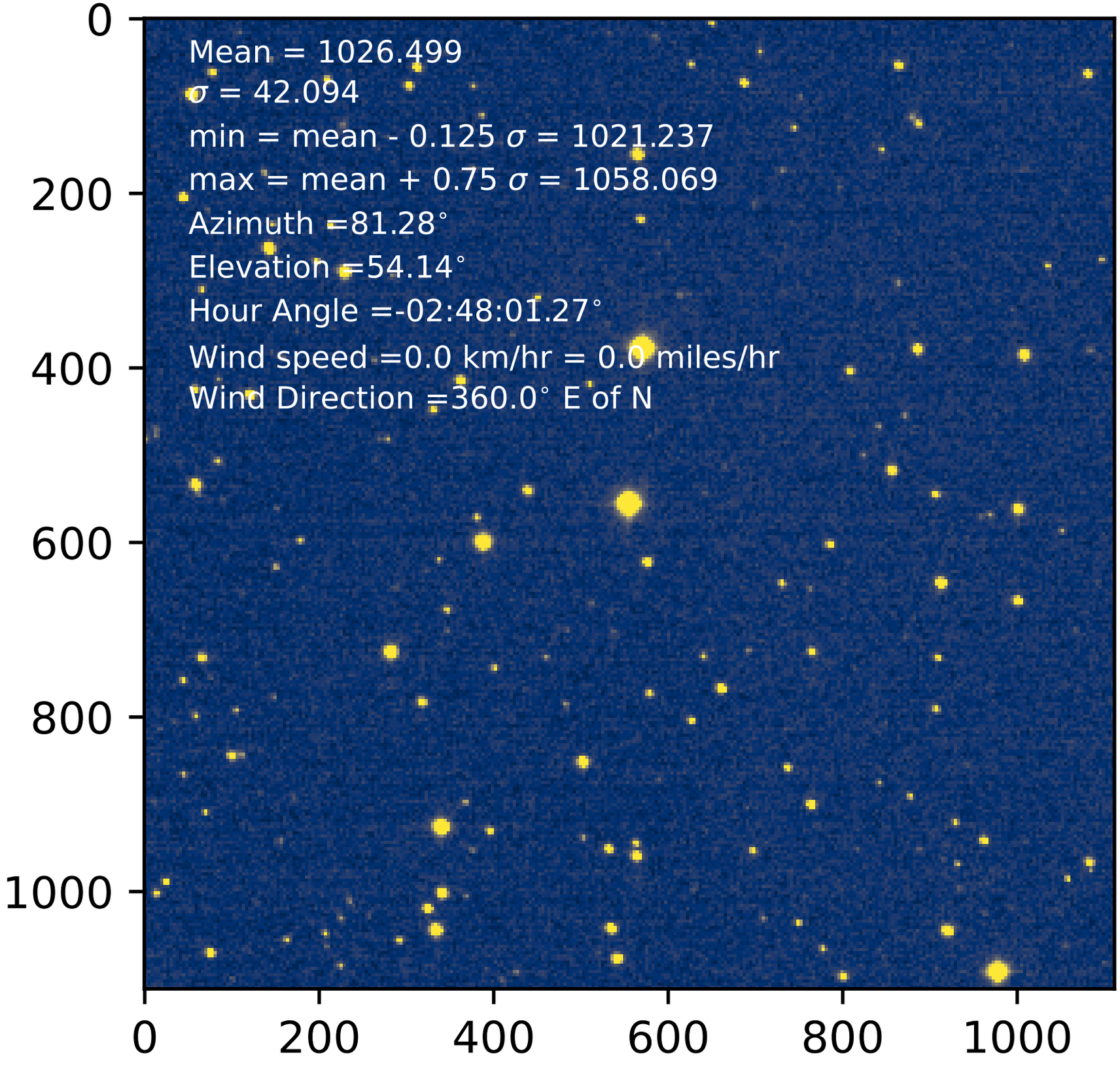

Mean = 1026.861
σ = 42.241
min = mean - 0.125 σ = 1021.581
max = mean + 0.75 σ = 1058.541
Azimuth =80.96°
Elevation =53.38°
Hour Angle =-02:51:39.86°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

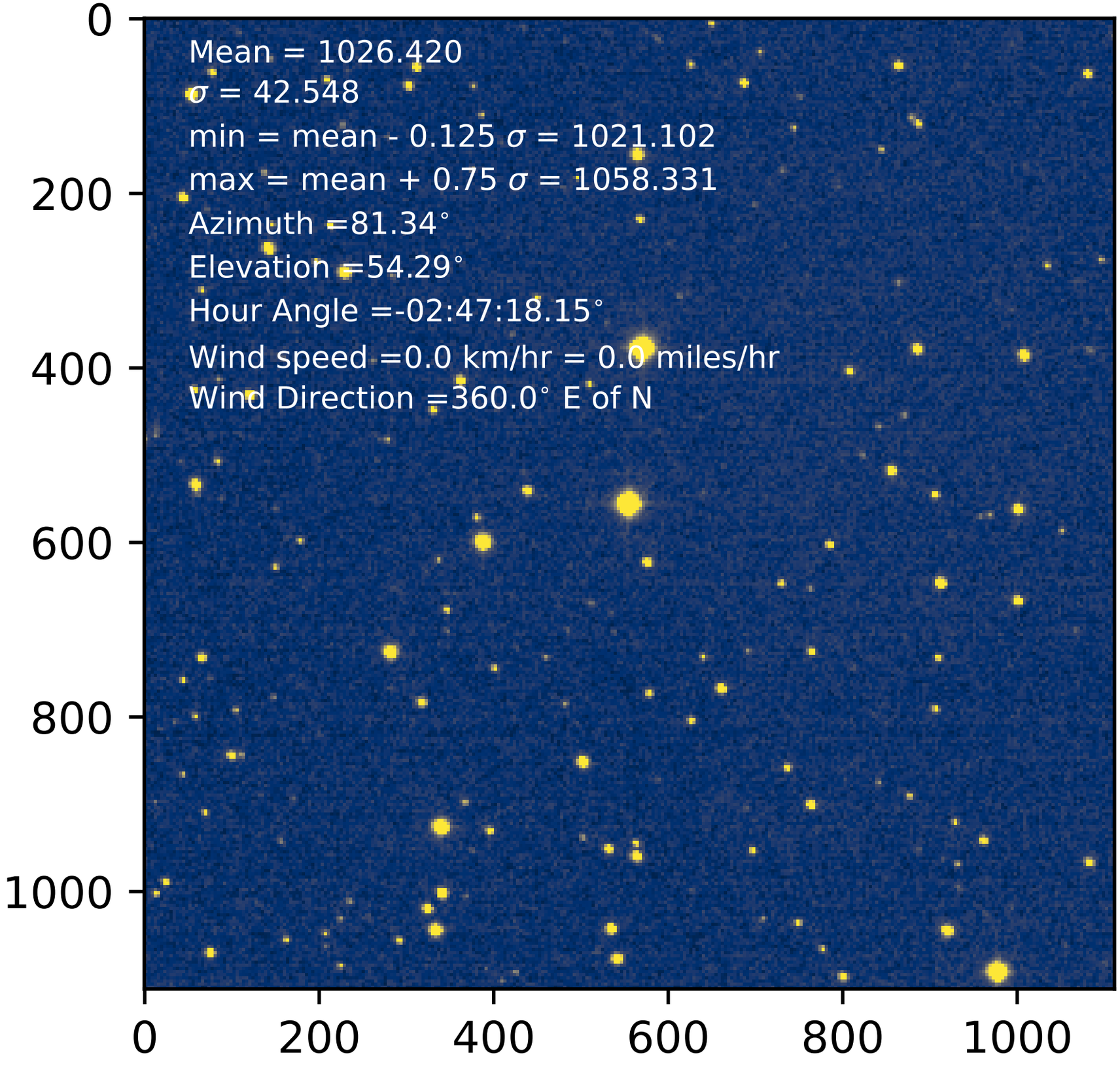

Mean = 1026.691
σ = 42.531
min = mean - 0.125 σ = 1021.375
max = mean + 0.75 σ = 1058.59
Azimuth =81.02°
Elevation =53.53°
Hour Angle =-02:50:56.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

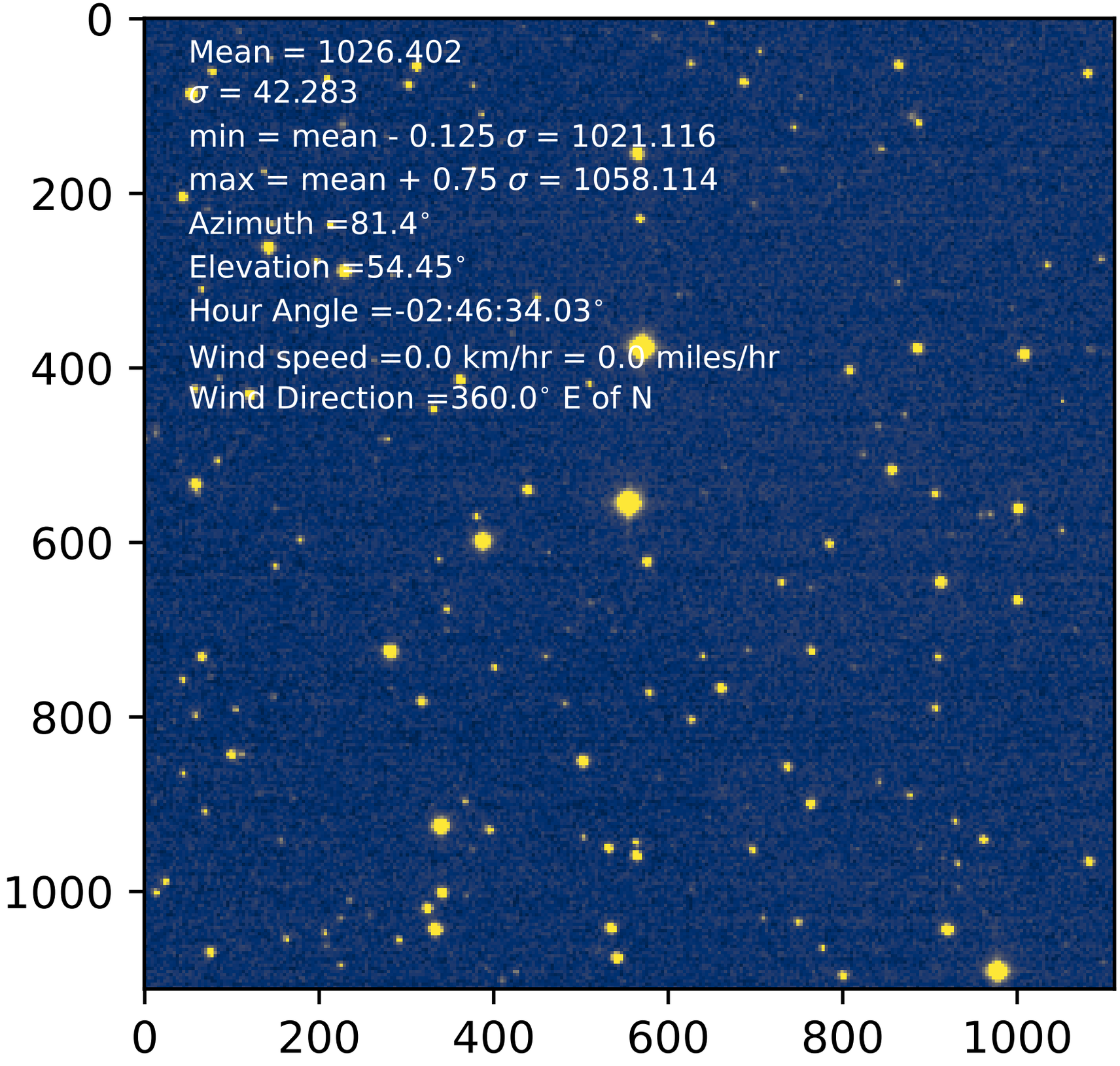

Mean = 1026.648
σ = 42.534
min = mean - 0.125 σ = 1021.332
max = mean + 0.75 σ = 1058.549
Azimuth =81.09°
Elevation =53.68°
Hour Angle =-02:50:12.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

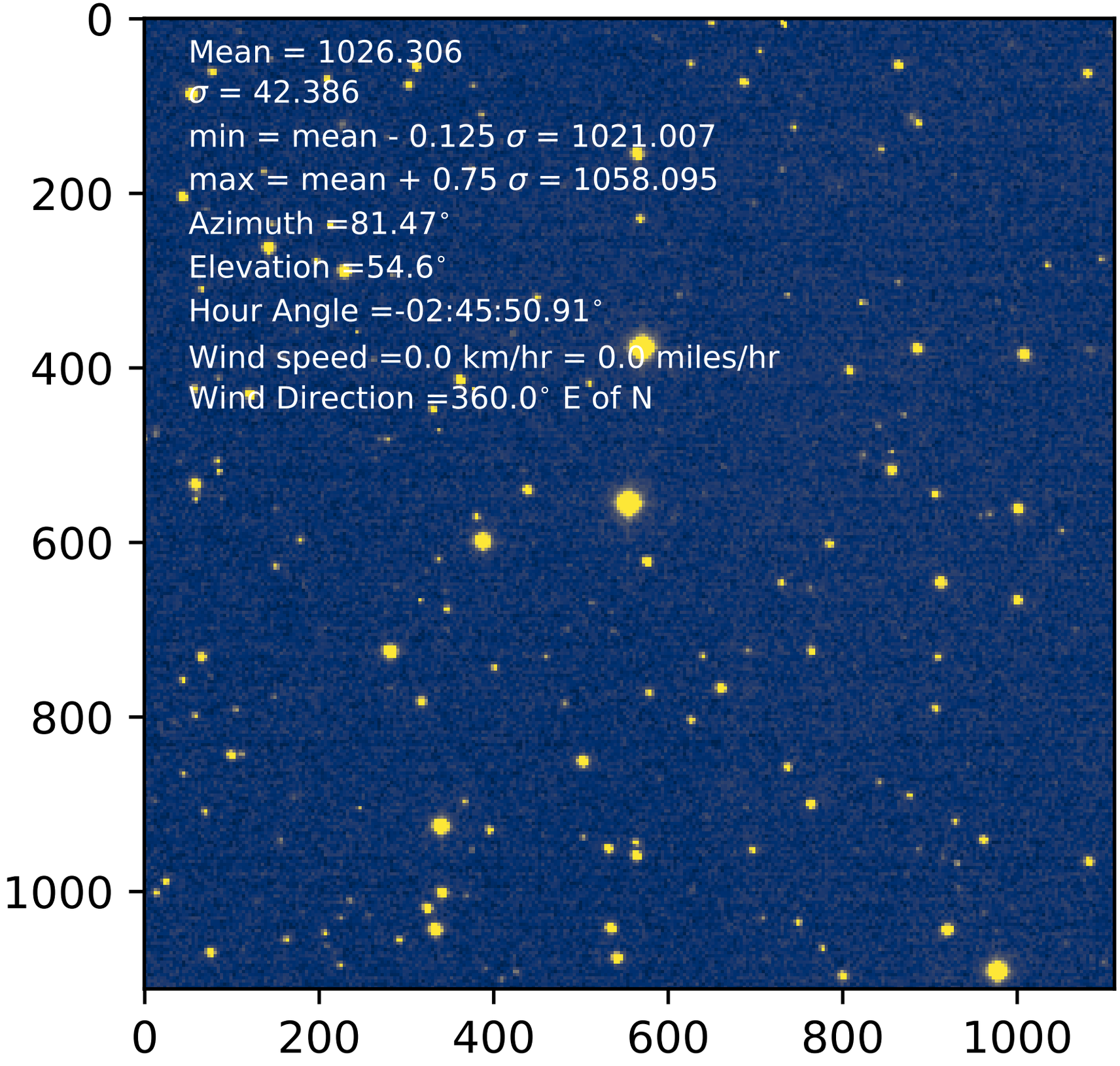

Mean = 1026.471
σ = 42.361
min = mean - 0.125 σ = 1021.176
max = mean + 0.75 σ = 1058.241
Azimuth =81.15°
Elevation =53.83°
Hour Angle =-02:49:29.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

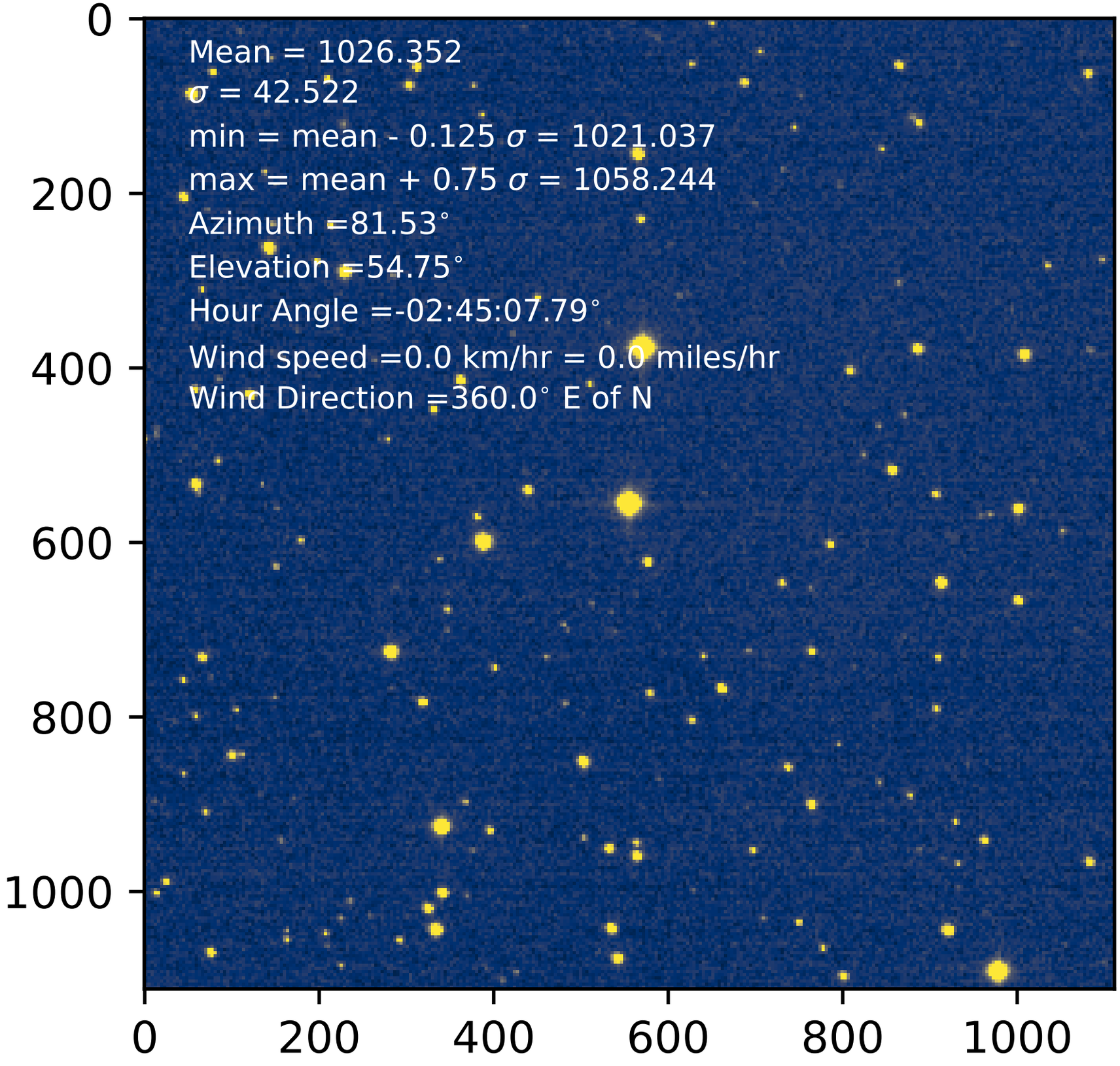

Mean = 1026.500
σ = 42.042
min = mean - 0.125 σ = 1021.245
max = mean + 0.75 σ = 1058.032
Azimuth =81.21°
Elevation =53.99°
Hour Angle =-02:48:45.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

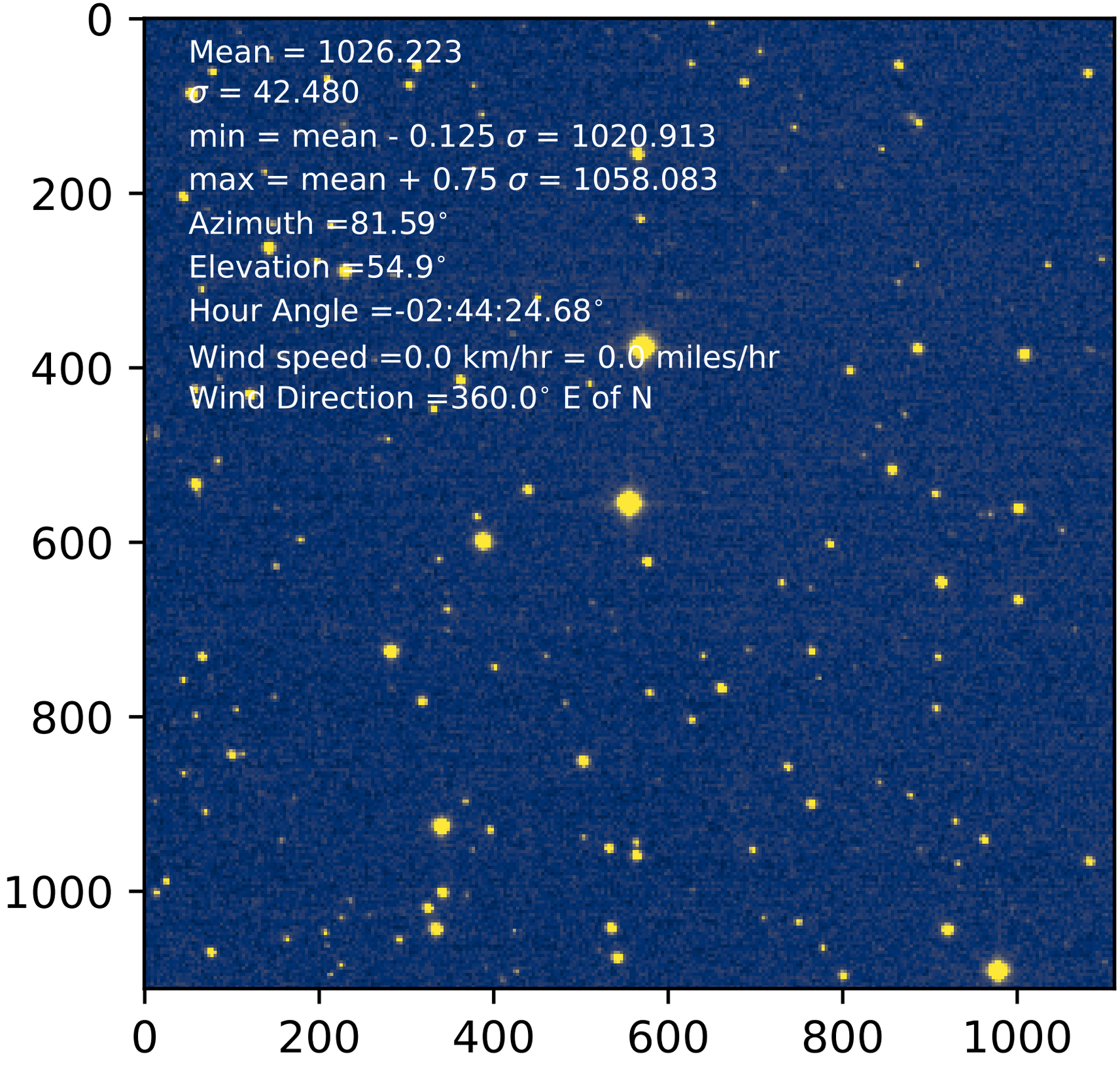

Mean = 1026.499
σ = 42.094
min = mean - 0.125 σ = 1021.237
max = mean + 0.75 σ = 1058.069
Azimuth =81.28°
Elevation =54.14°
Hour Angle =-02:48:01.27°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

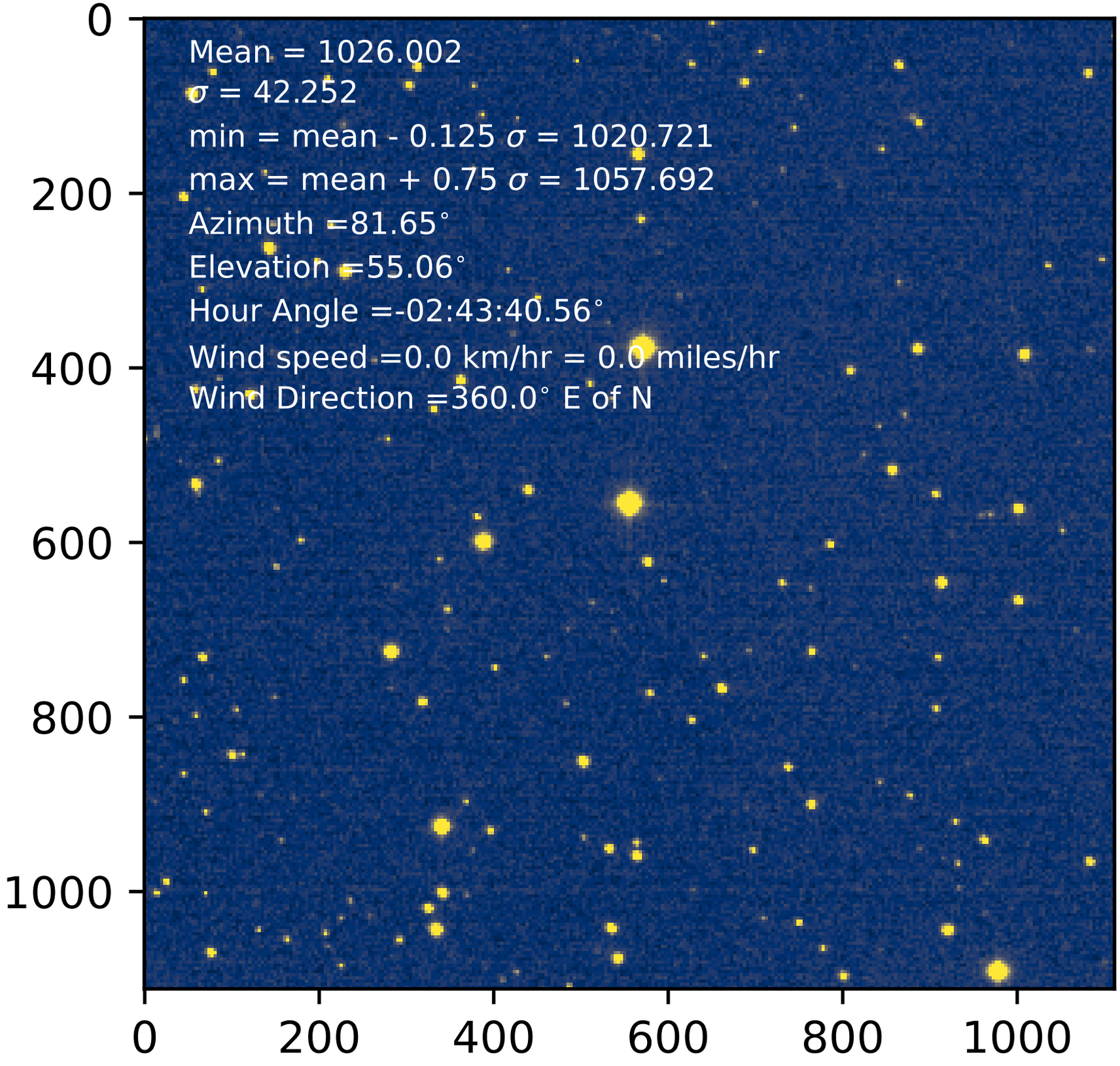

Mean = 1026.420
σ = 42.548
min = mean - 0.125 σ = 1021.102
max = mean + 0.75 σ = 1058.331
Azimuth =81.34°
Elevation =54.29°
Hour Angle =-02:47:18.15°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

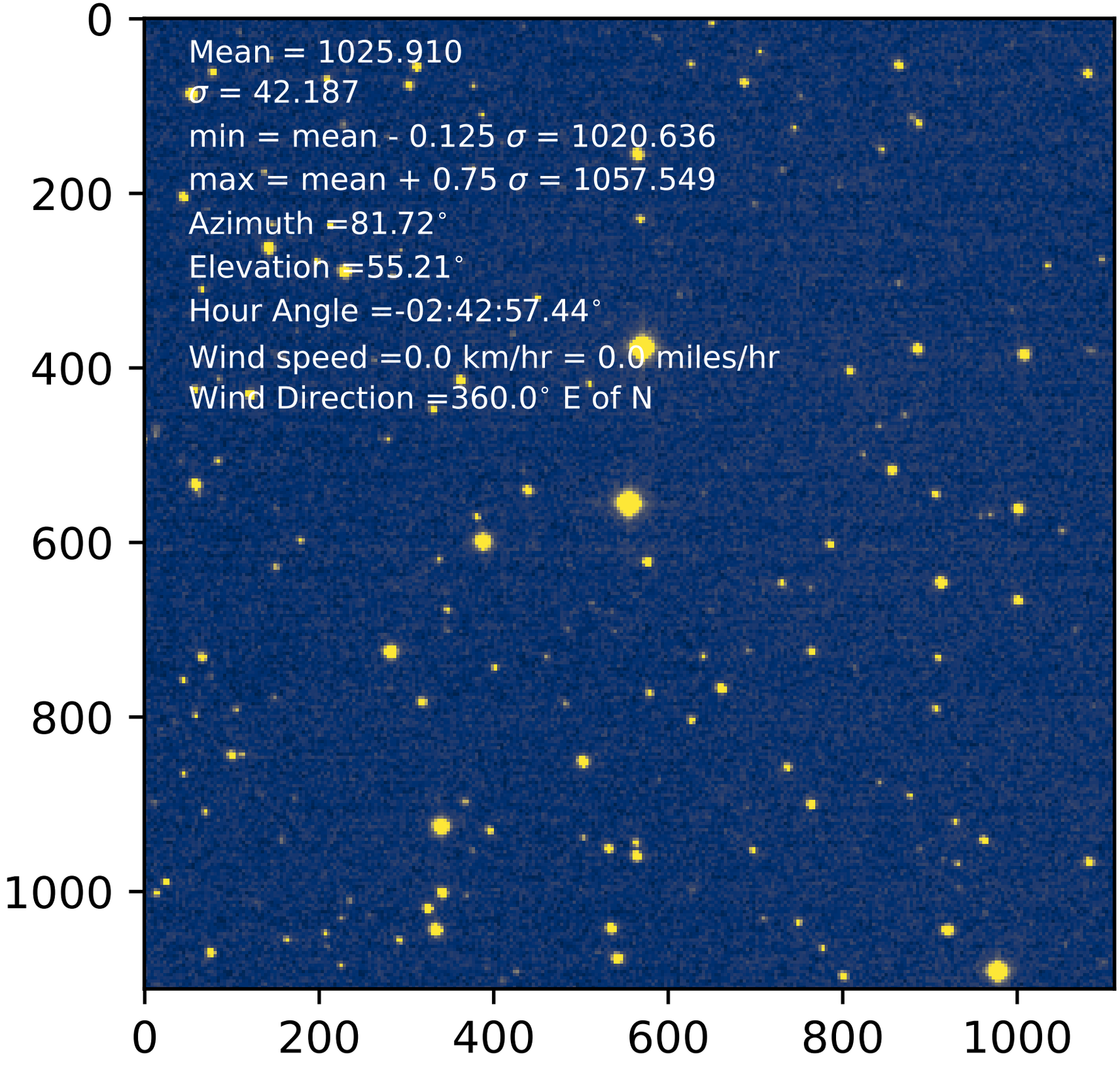

Mean = 1026.402
σ = 42.283
min = mean - 0.125 σ = 1021.116
max = mean + 0.75 σ = 1058.114
Azimuth =81.4°
Elevation =54.45°
Hour Angle =-02:46:34.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

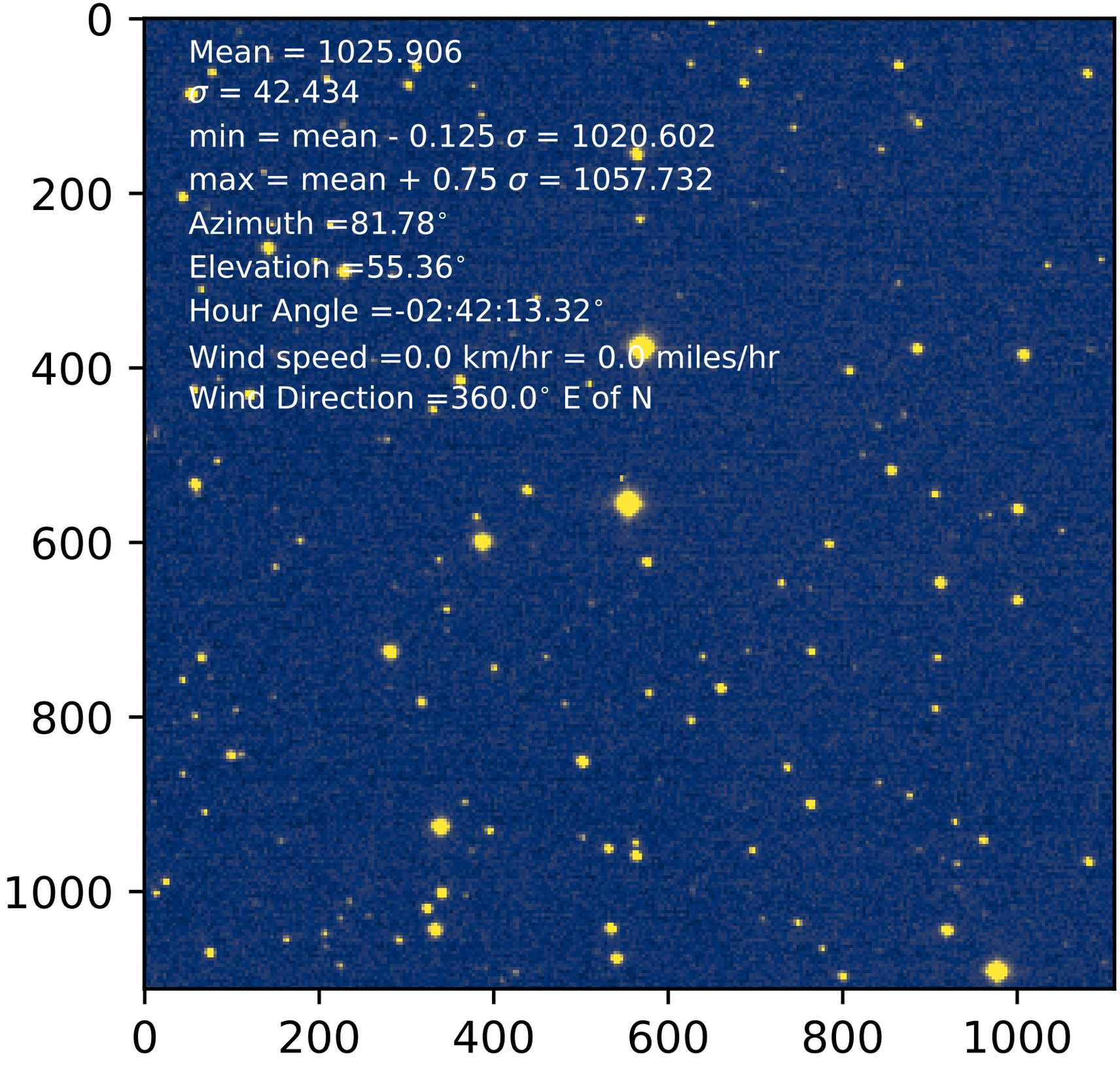

Mean = 1026.306
σ = 42.386
min = mean - 0.125 σ = 1021.007
max = mean + 0.75 σ = 1058.095
Azimuth =81.47°
Elevation =54.6°
Hour Angle =-02:45:50.91°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

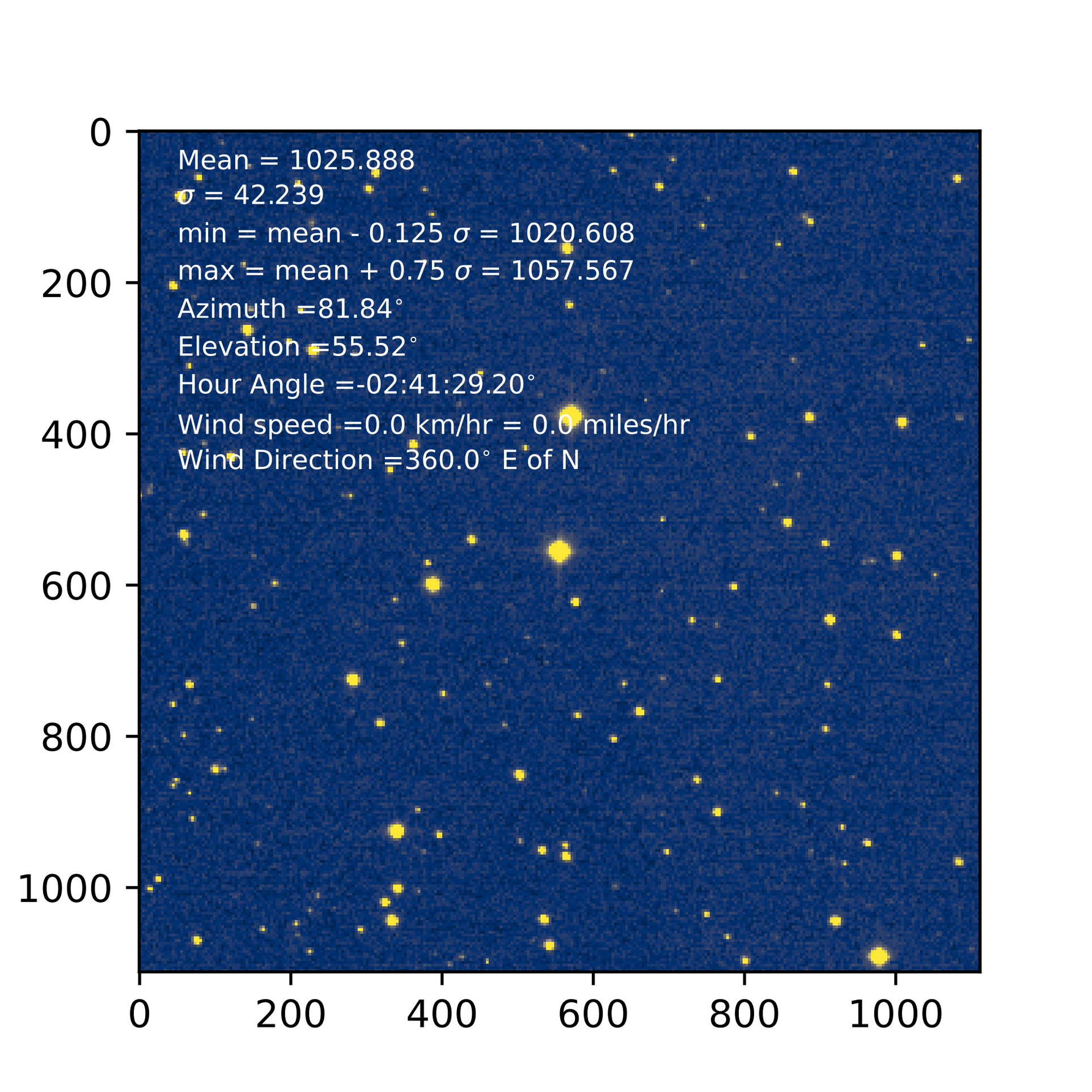

Mean = 1026.352
σ = 42.522
min = mean - 0.125 σ = 1021.037
max = mean + 0.75 σ = 1058.244
Azimuth =81.53°
Elevation =54.75°
Hour Angle =-02:45:07.79°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

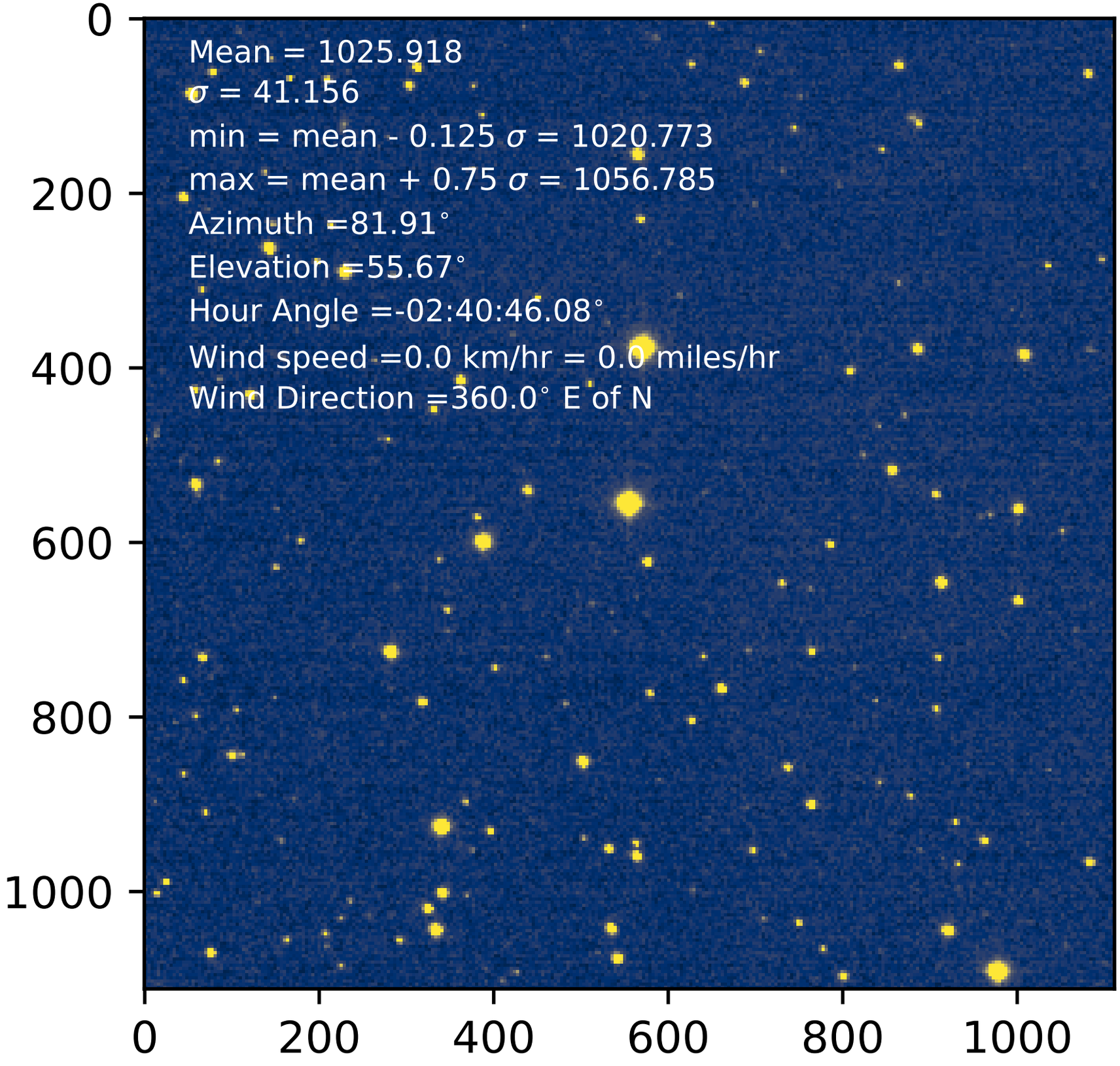

Mean = 1026.223
σ = 42.480
min = mean - 0.125 σ = 1020.913
max = mean + 0.75 σ = 1058.083
Azimuth =81.59°
Elevation =54.9°
Hour Angle =-02:44:24.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

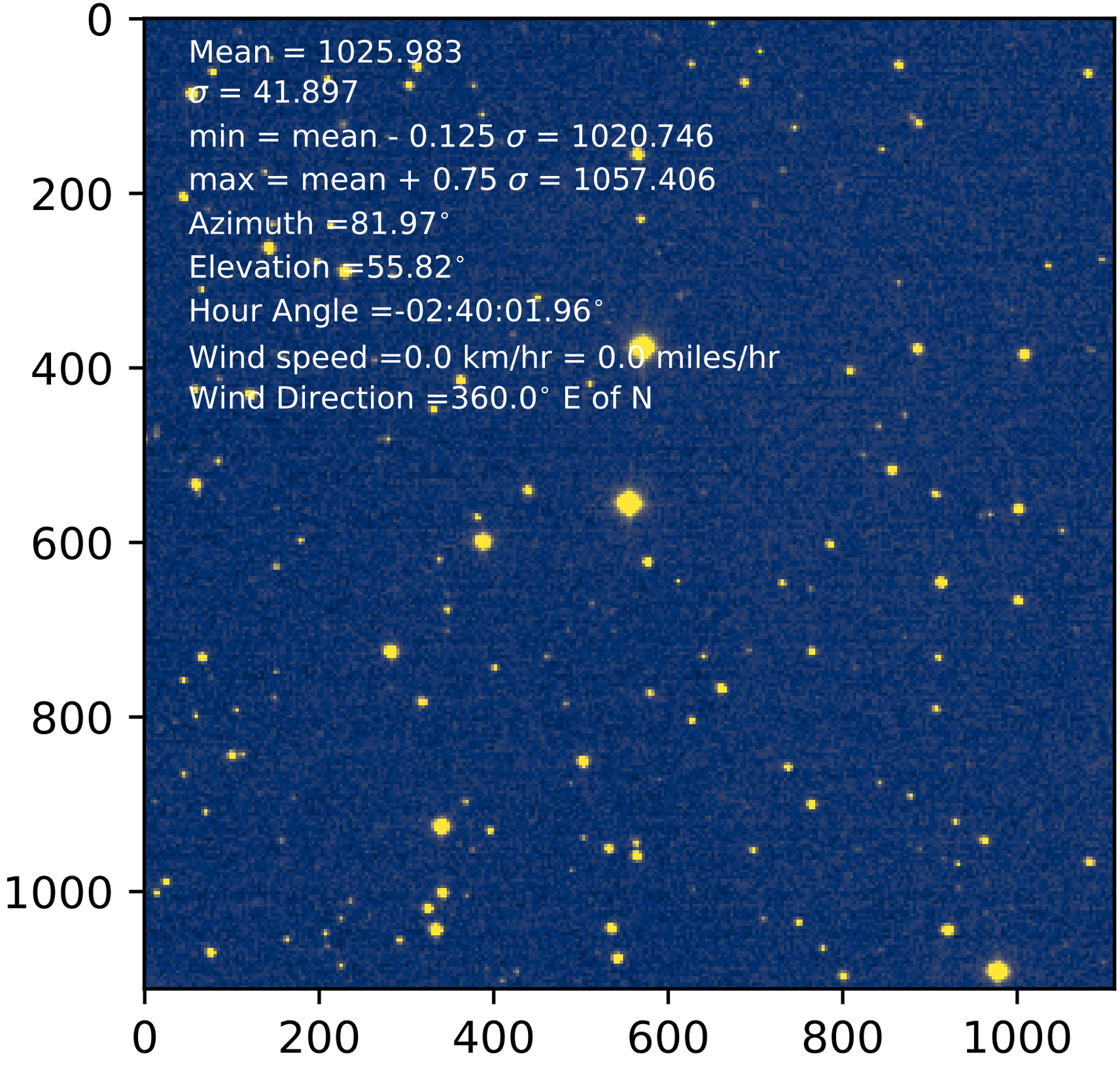

Mean = 1026.002
σ = 42.252
min = mean - 0.125 σ = 1020.721
max = mean + 0.75 σ = 1057.692
Azimuth =81.65°
Elevation =55.06°
Hour Angle =-02:43:40.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

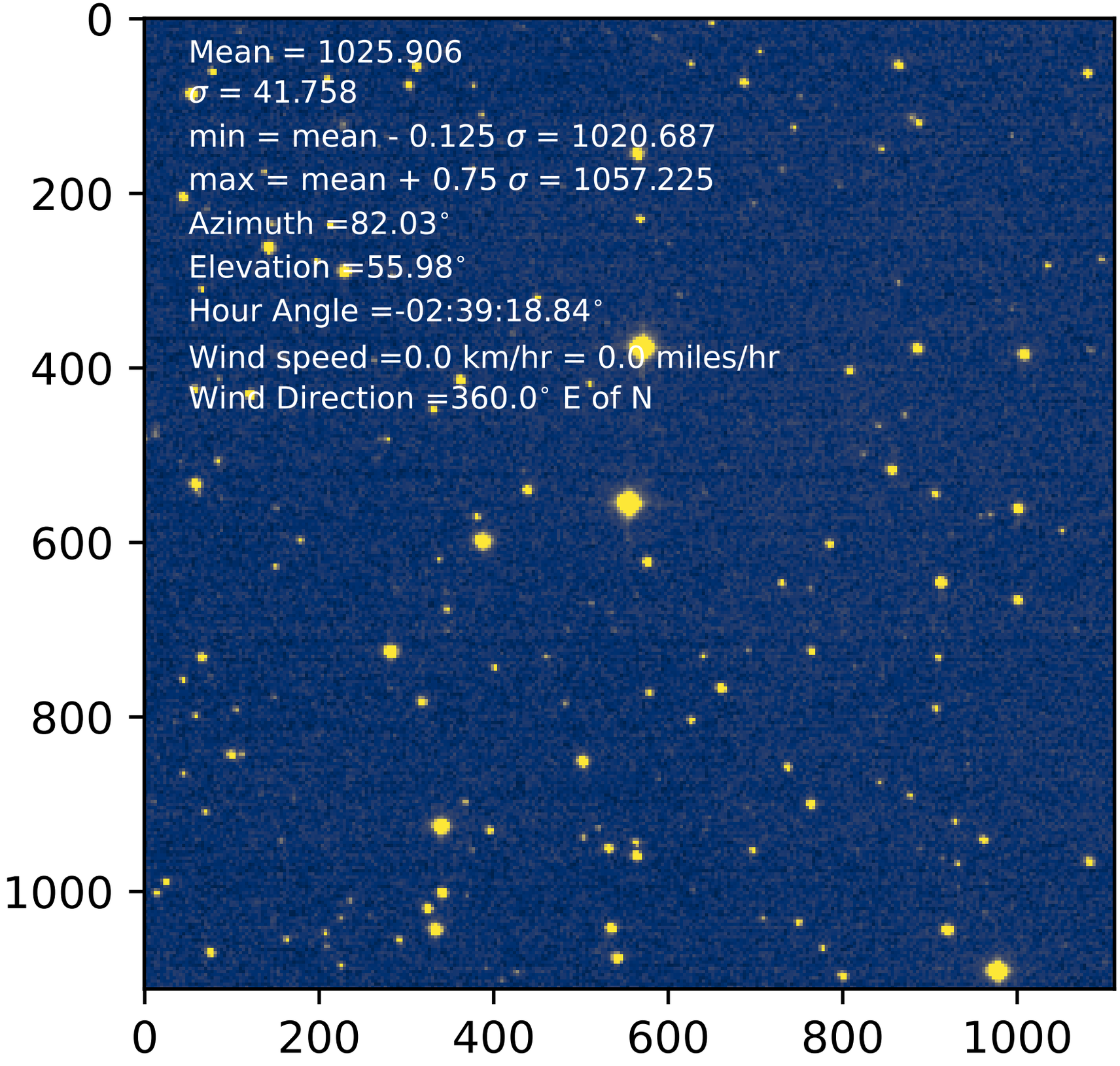

Mean = 1025.910
σ = 42.187
min = mean - 0.125 σ = 1020.636
max = mean + 0.75 σ = 1057.549
Azimuth =81.72°
Elevation =55.21°
Hour Angle =-02:42:57.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

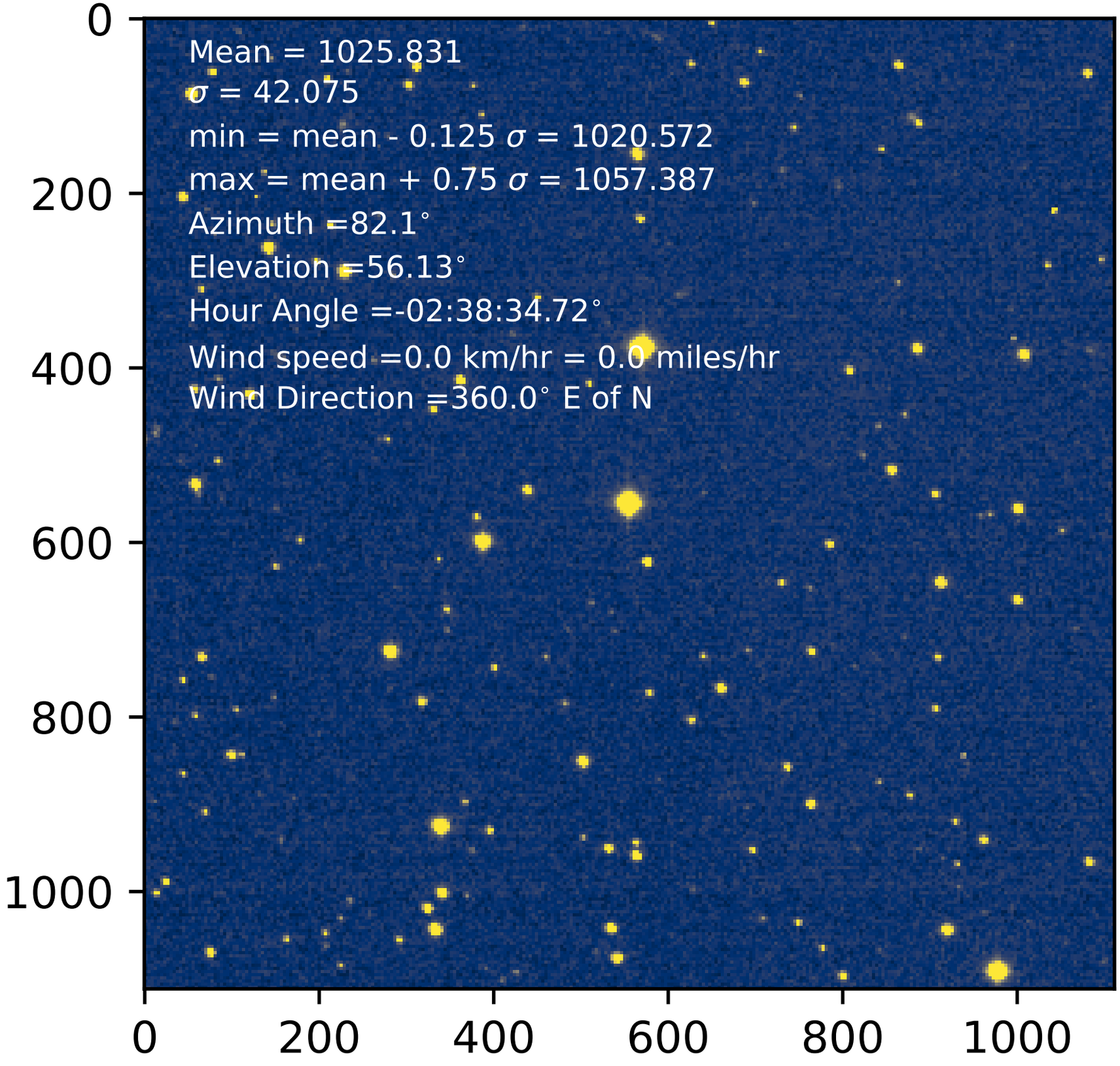

Mean = 1025.906
σ = 42.434
min = mean - 0.125 σ = 1020.602
max = mean + 0.75 σ = 1057.732
Azimuth =81.78°
Elevation =55.36°
Hour Angle =-02:42:13.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

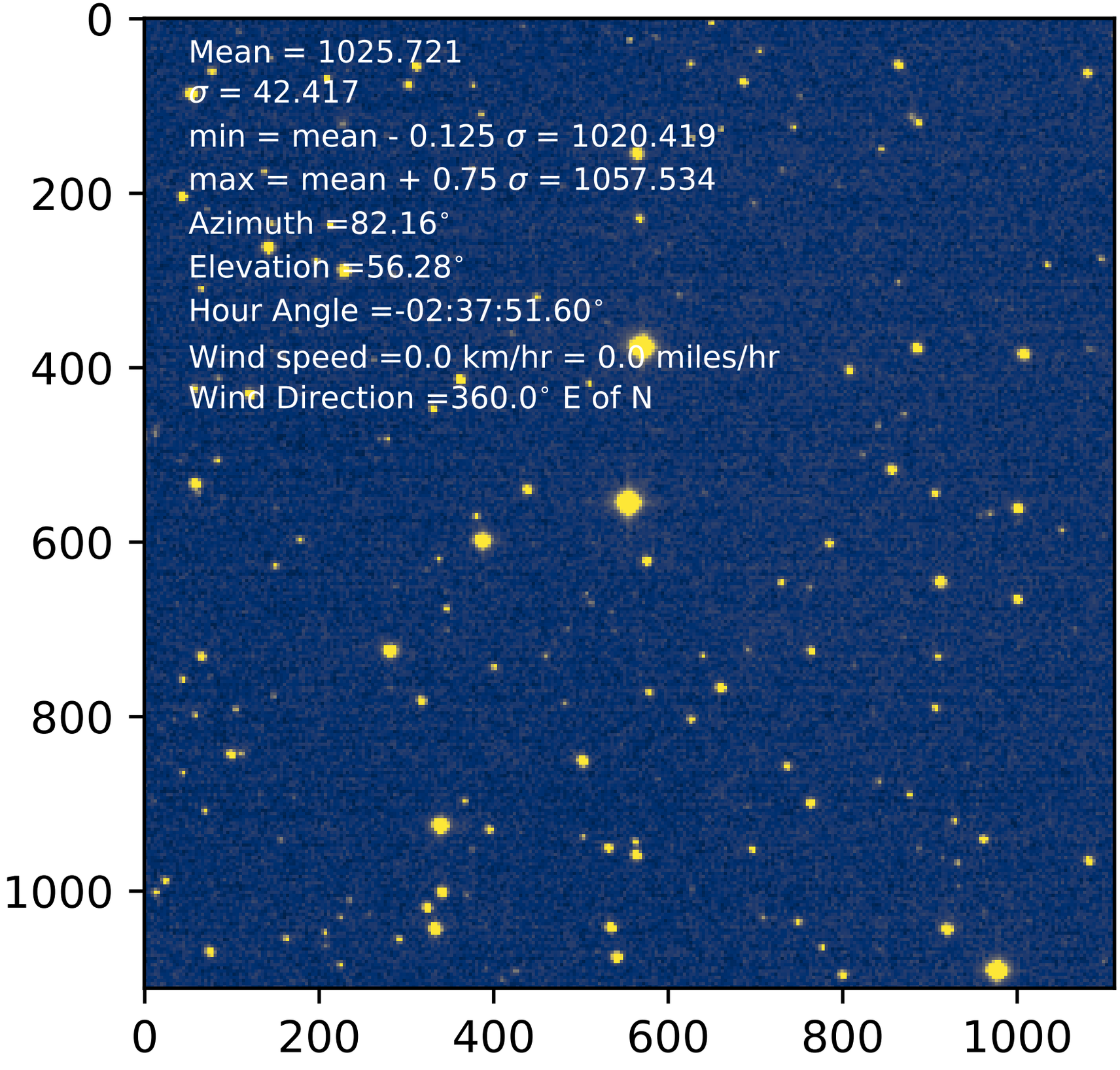

Mean = 1025.888
σ = 42.239
min = mean - 0.125 σ = 1020.608
max = mean + 0.75 σ = 1057.567
Azimuth =81.84°
Elevation =55.52°
Hour Angle =-02:41:29.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

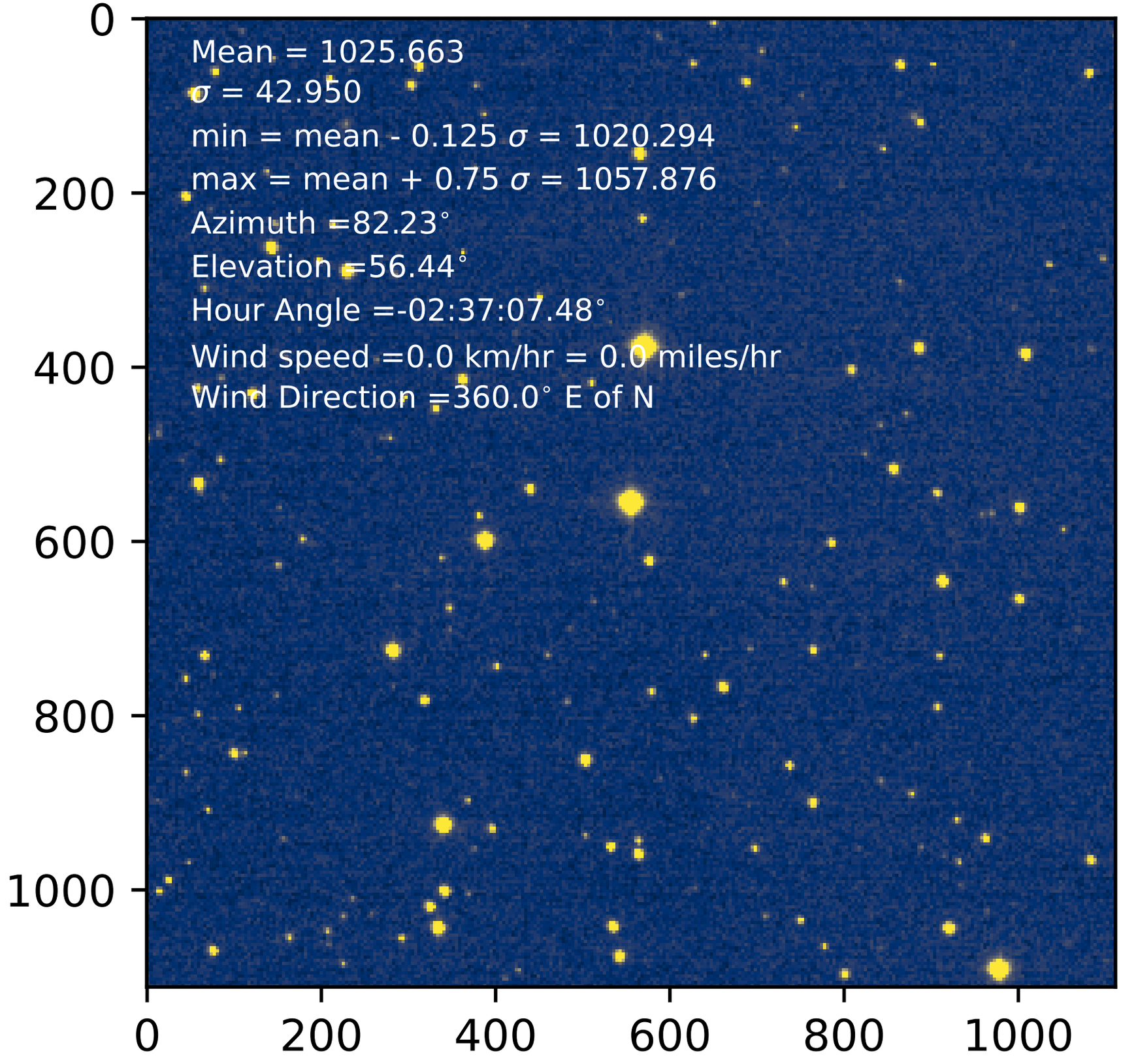

Mean = 1025.918
σ = 41.156
min = mean - 0.125 σ = 1020.773
max = mean + 0.75 σ = 1056.785
Azimuth =81.91°
Elevation =55.67°
Hour Angle =-02:40:46.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

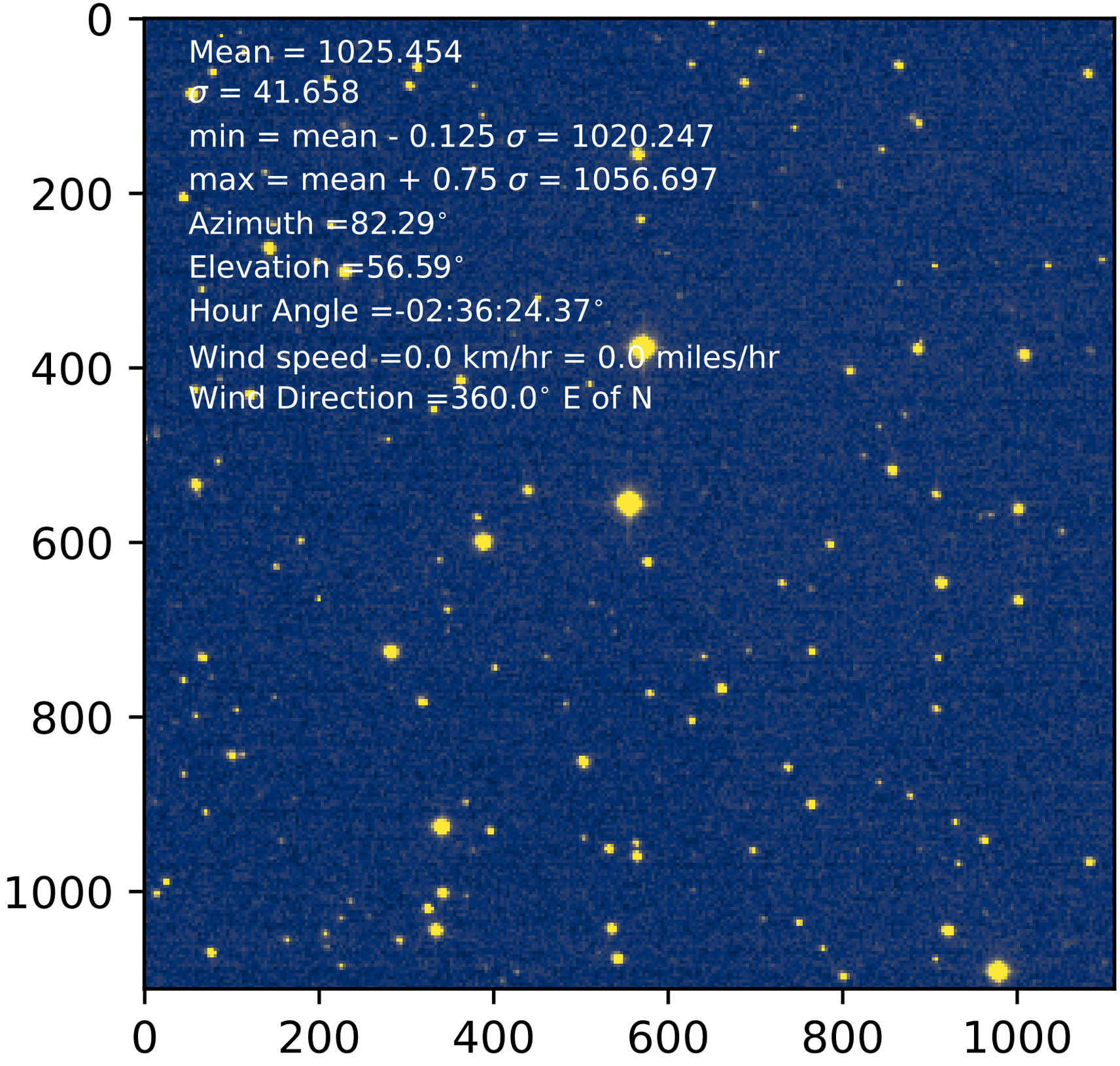

Mean = 1025.983
σ = 41.897
min = mean - 0.125 σ = 1020.746
max = mean + 0.75 σ = 1057.406
Azimuth =81.97°
Elevation =55.82°
Hour Angle =-02:40:01.96°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

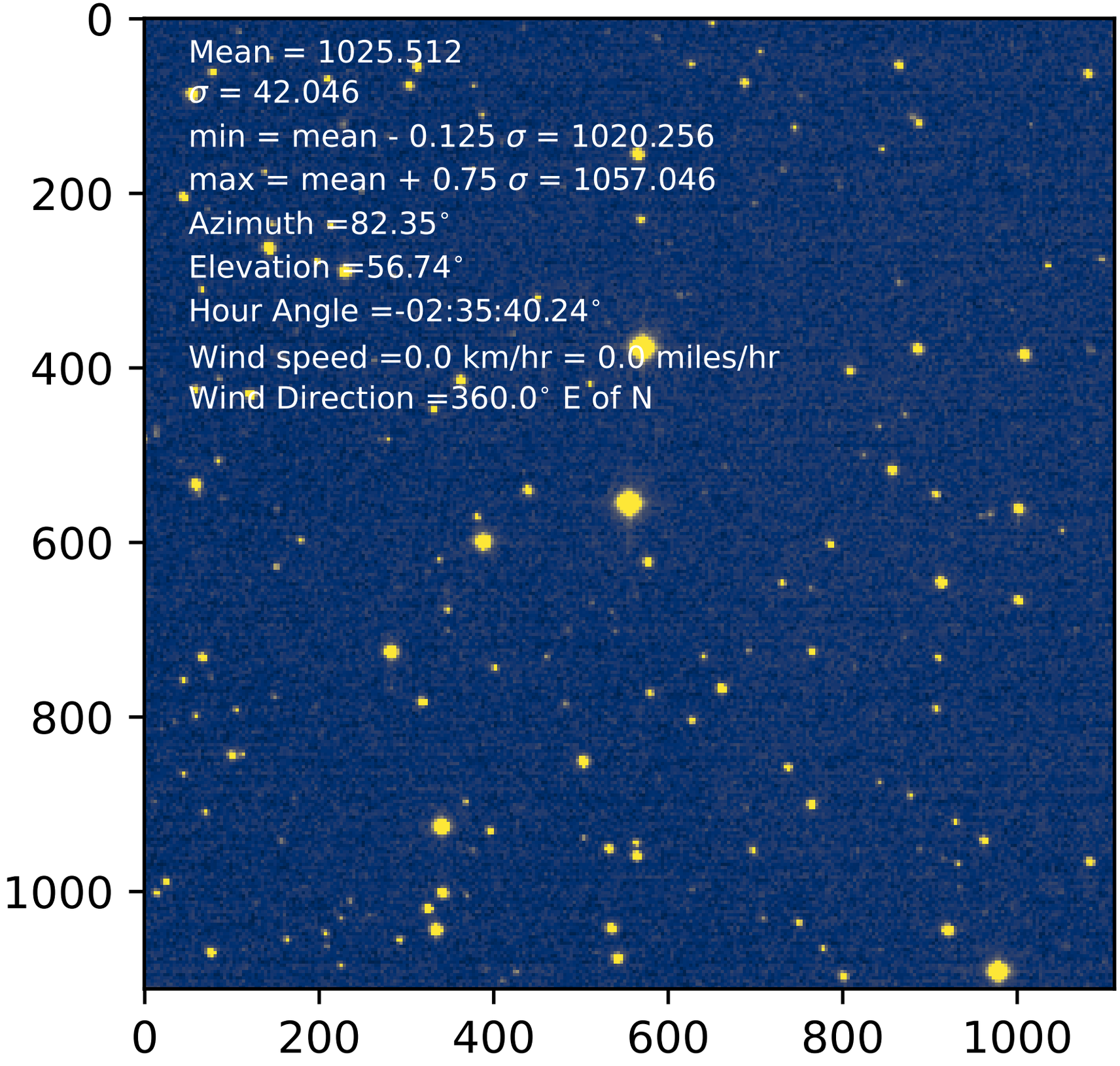

Mean = 1025.906
σ = 41.758
min = mean - 0.125 σ = 1020.687
max = mean + 0.75 σ = 1057.225
Azimuth =82.03°
Elevation =55.98°
Hour Angle =-02:39:18.84°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

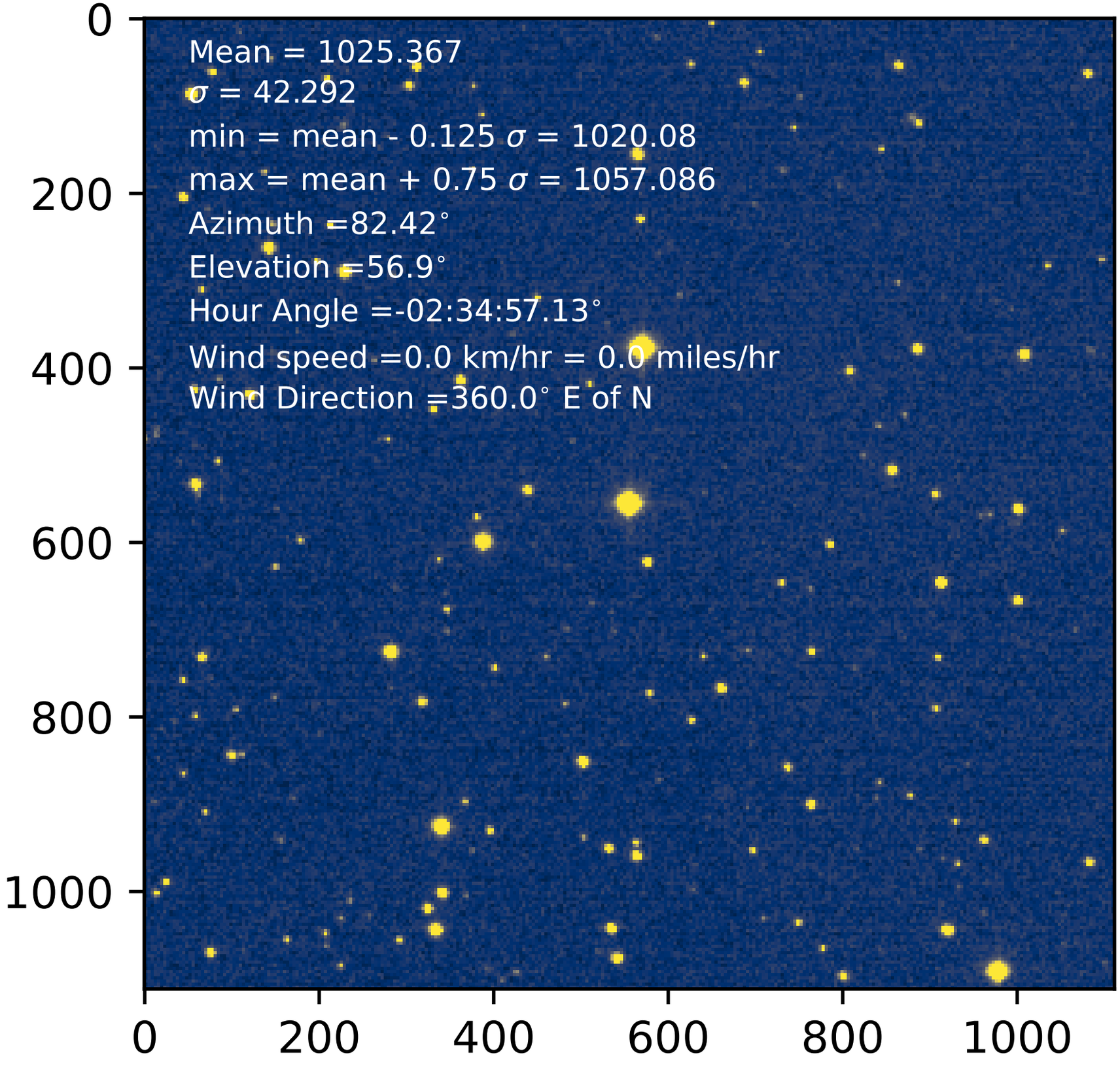

Mean = 1025.831
σ = 42.075
min = mean - 0.125 σ = 1020.572
max = mean + 0.75 σ = 1057.387
Azimuth =82.1°
Elevation =56.13°
Hour Angle =-02:38:34.72°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

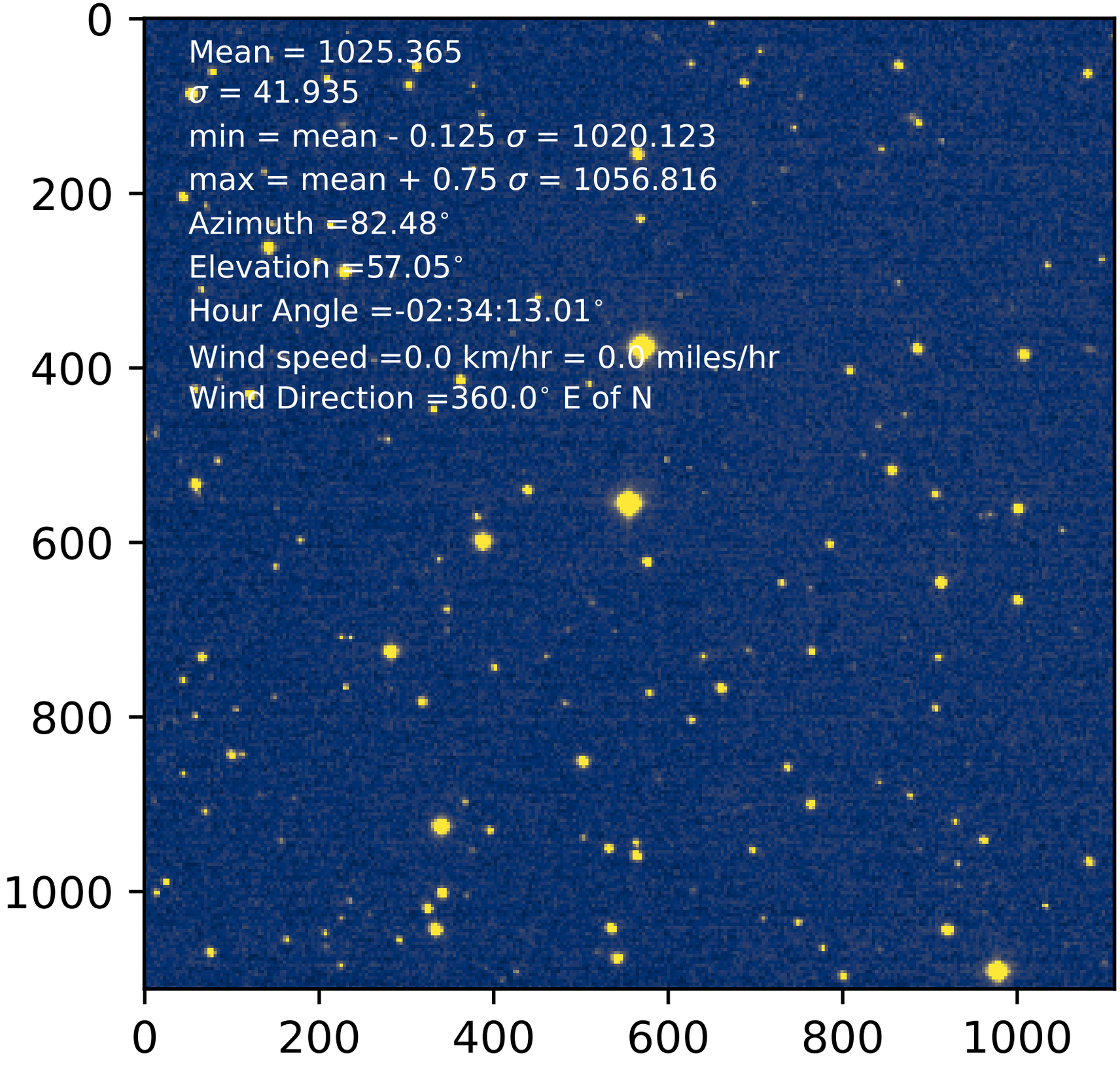

Mean = 1025.721
σ = 42.417
min = mean - 0.125 σ = 1020.419
max = mean + 0.75 σ = 1057.534
Azimuth =82.16°
Elevation =56.28°
Hour Angle =-02:37:51.60°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

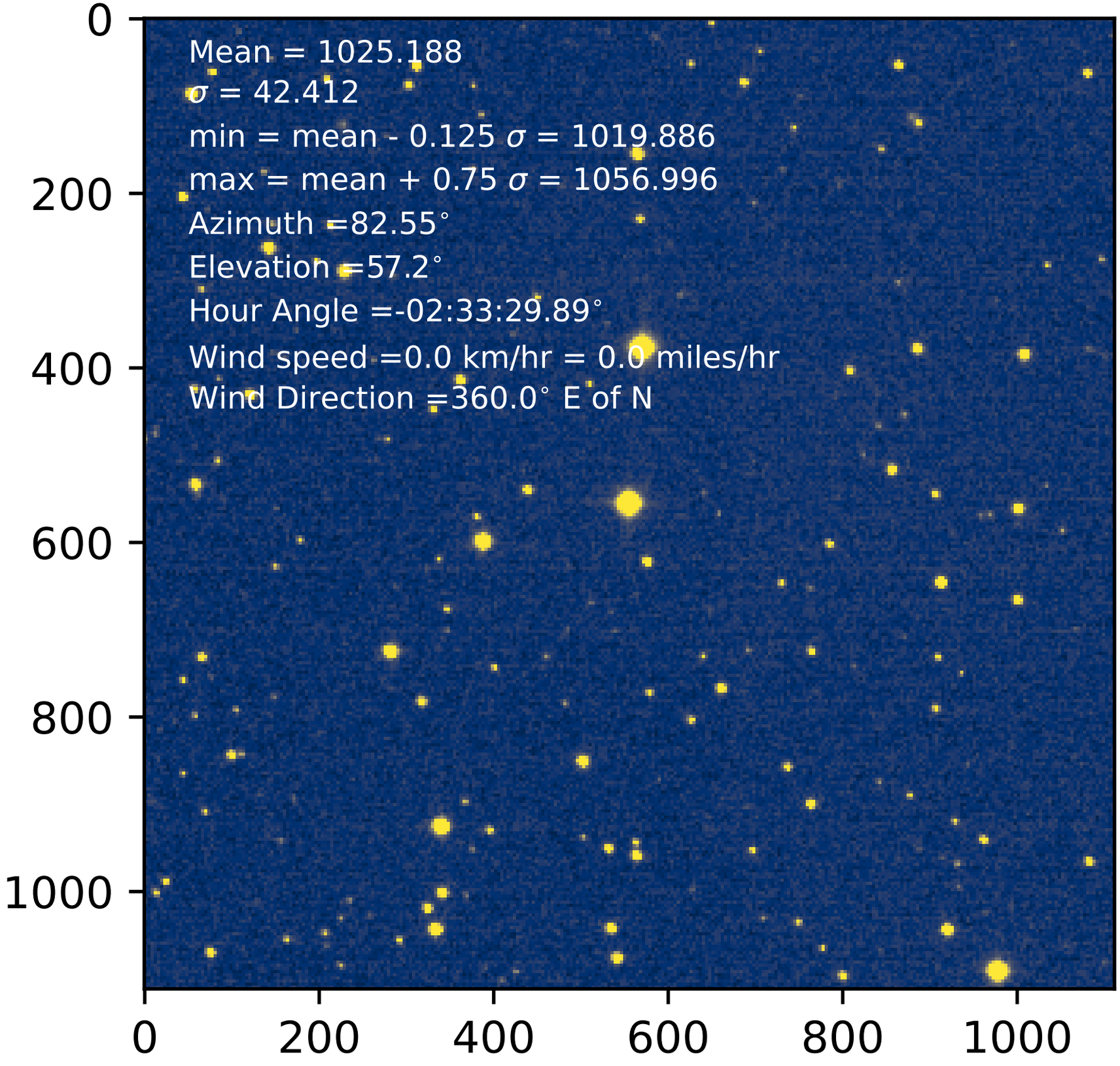

Mean = 1025.663
σ = 42.950
min = mean - 0.125 σ = 1020.294
max = mean + 0.75 σ = 1057.876
Azimuth =82.23°
Elevation =56.44°
Hour Angle =-02:37:07.48°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

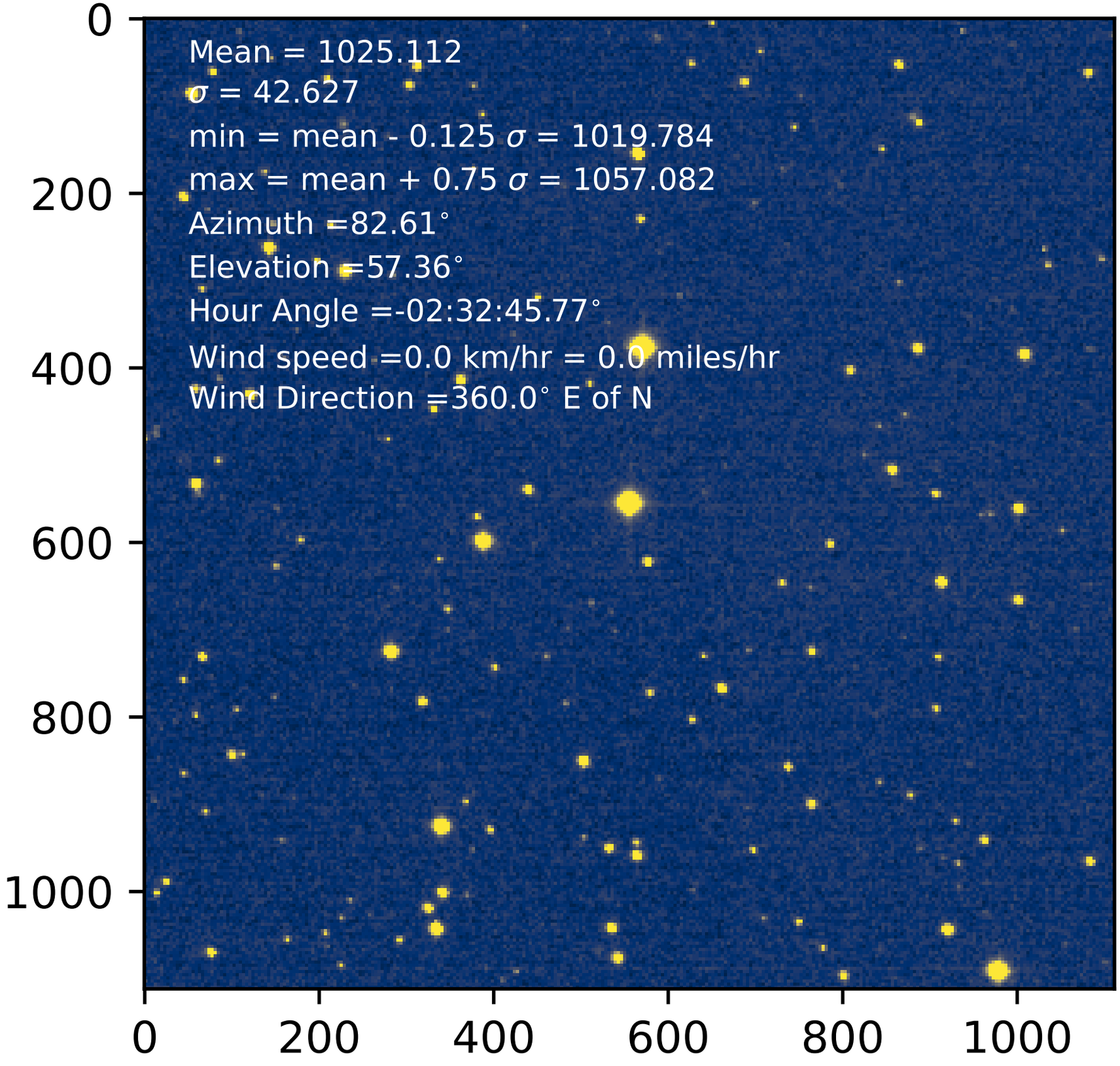

Mean = 1025.454
σ = 41.658
min = mean - 0.125 σ = 1020.247
max = mean + 0.75 σ = 1056.697
Azimuth =82.29°
Elevation =56.59°
Hour Angle =-02:36:24.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

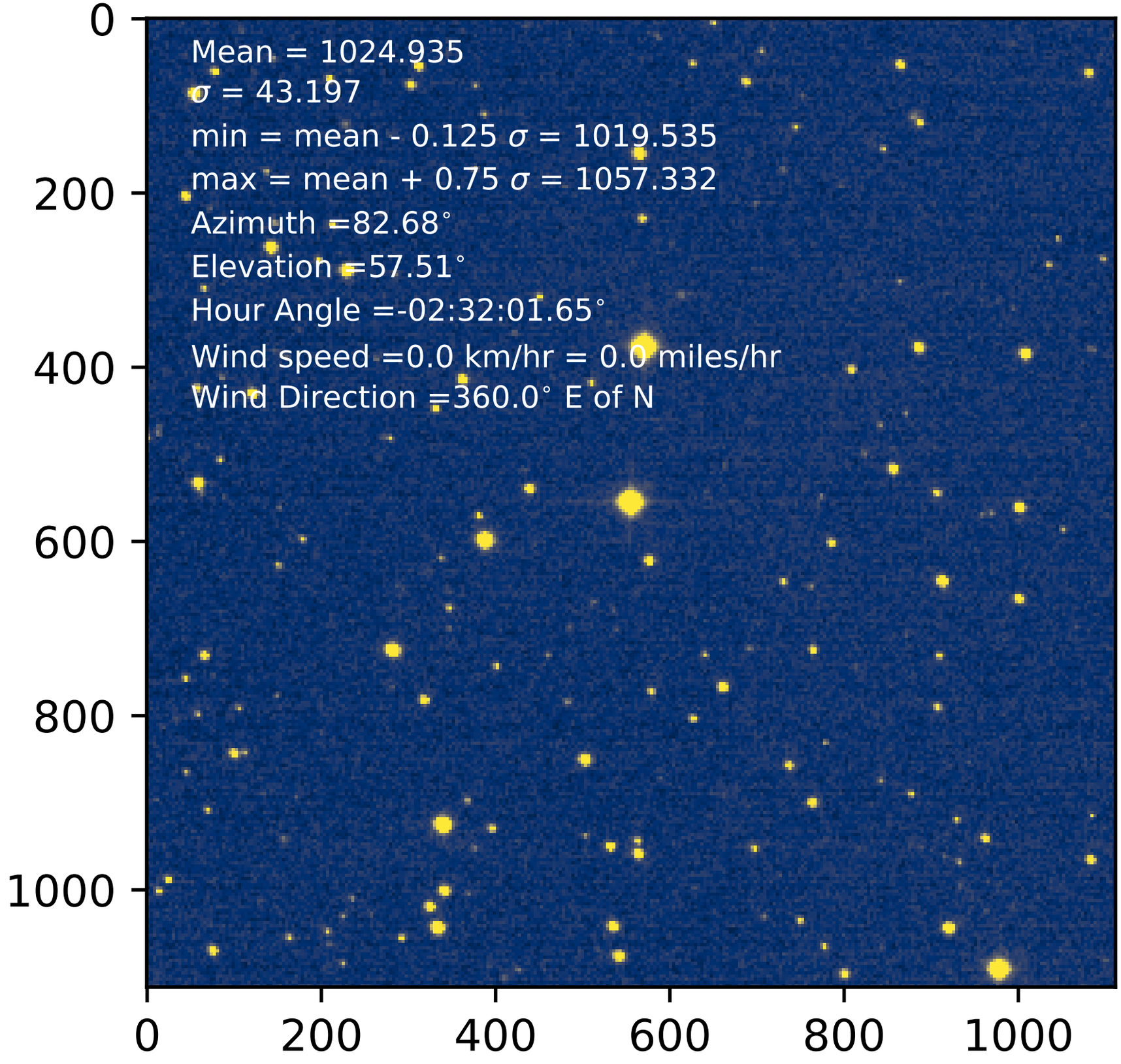

Mean = 1025.512
σ = 42.046
min = mean - 0.125 σ = 1020.256
max = mean + 0.75 σ = 1057.046
Azimuth =82.35°
Elevation =56.74°
Hour Angle =-02:35:40.24°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

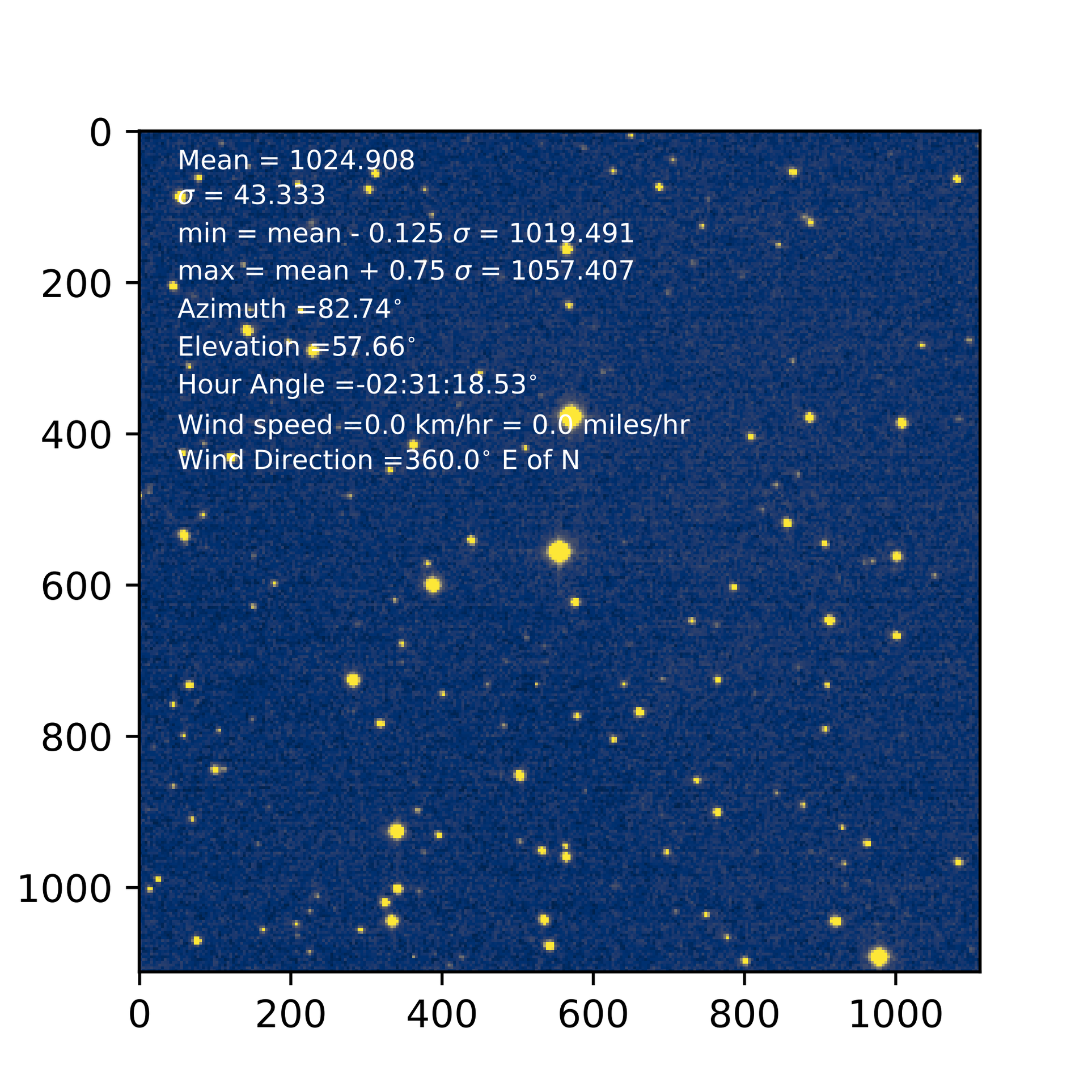

Mean = 1025.367
σ = 42.292
min = mean - 0.125 σ = 1020.08
max = mean + 0.75 σ = 1057.086
Azimuth =82.42°
Elevation =56.9°
Hour Angle =-02:34:57.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

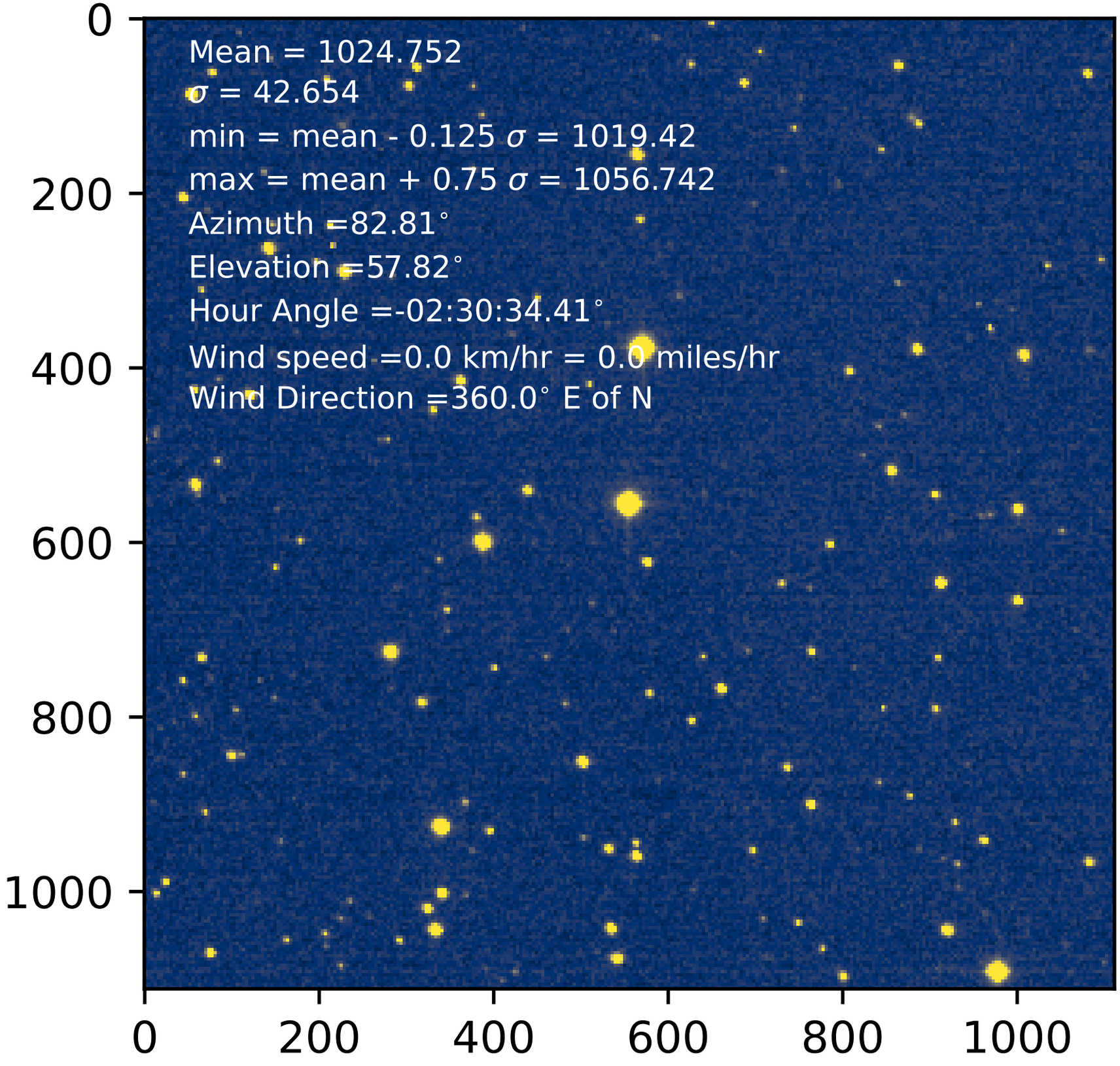

Mean = 1025.365
σ = 41.935
min = mean - 0.125 σ = 1020.123
max = mean + 0.75 σ = 1056.816
Azimuth =82.48°
Elevation =57.05°
Hour Angle =-02:34:13.01°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

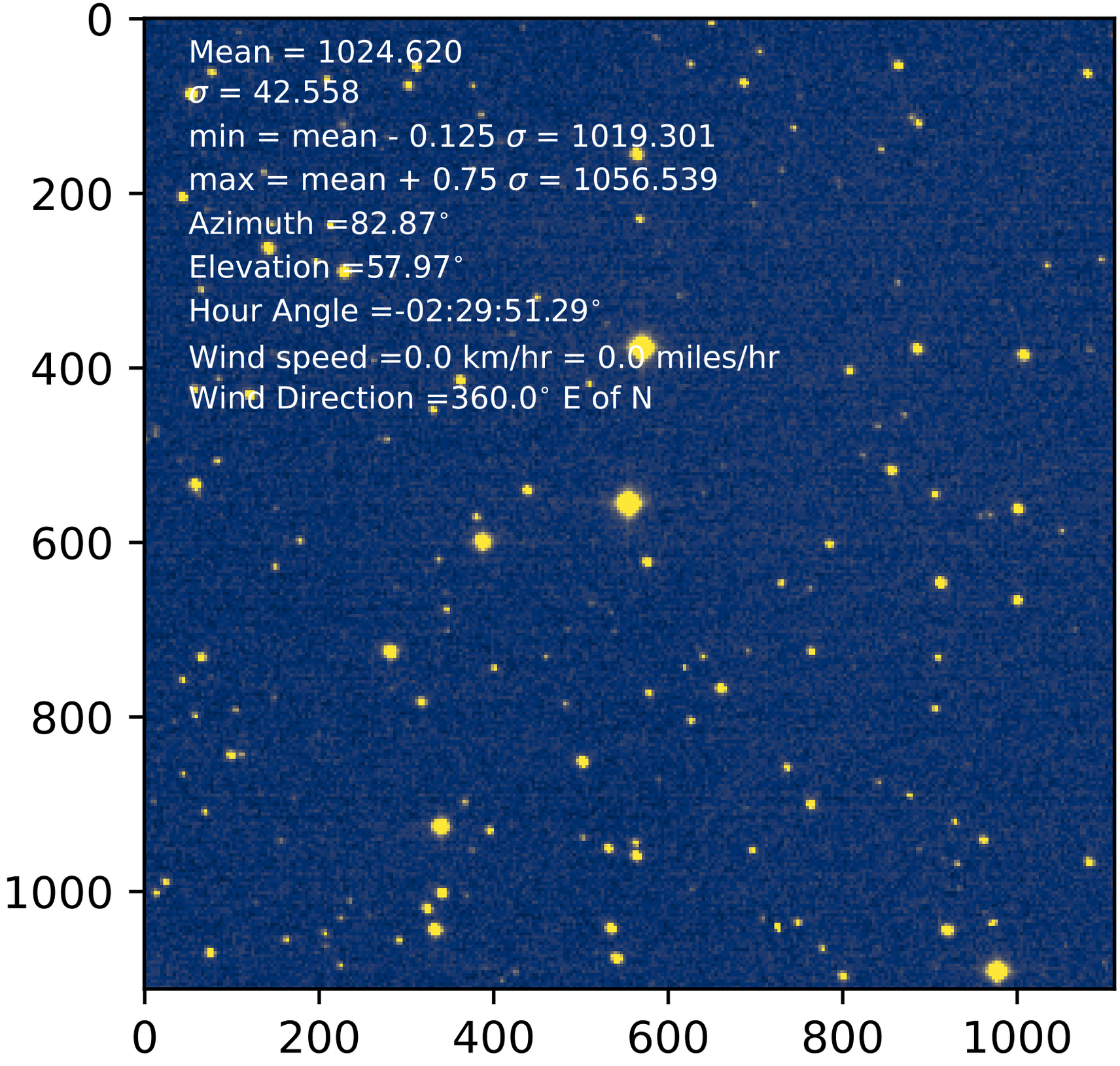

Mean = 1025.188
σ = 42.412
min = mean - 0.125 σ = 1019.886
max = mean + 0.75 σ = 1056.996
Azimuth =82.55°
Elevation =57.2°
Hour Angle =-02:33:29.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

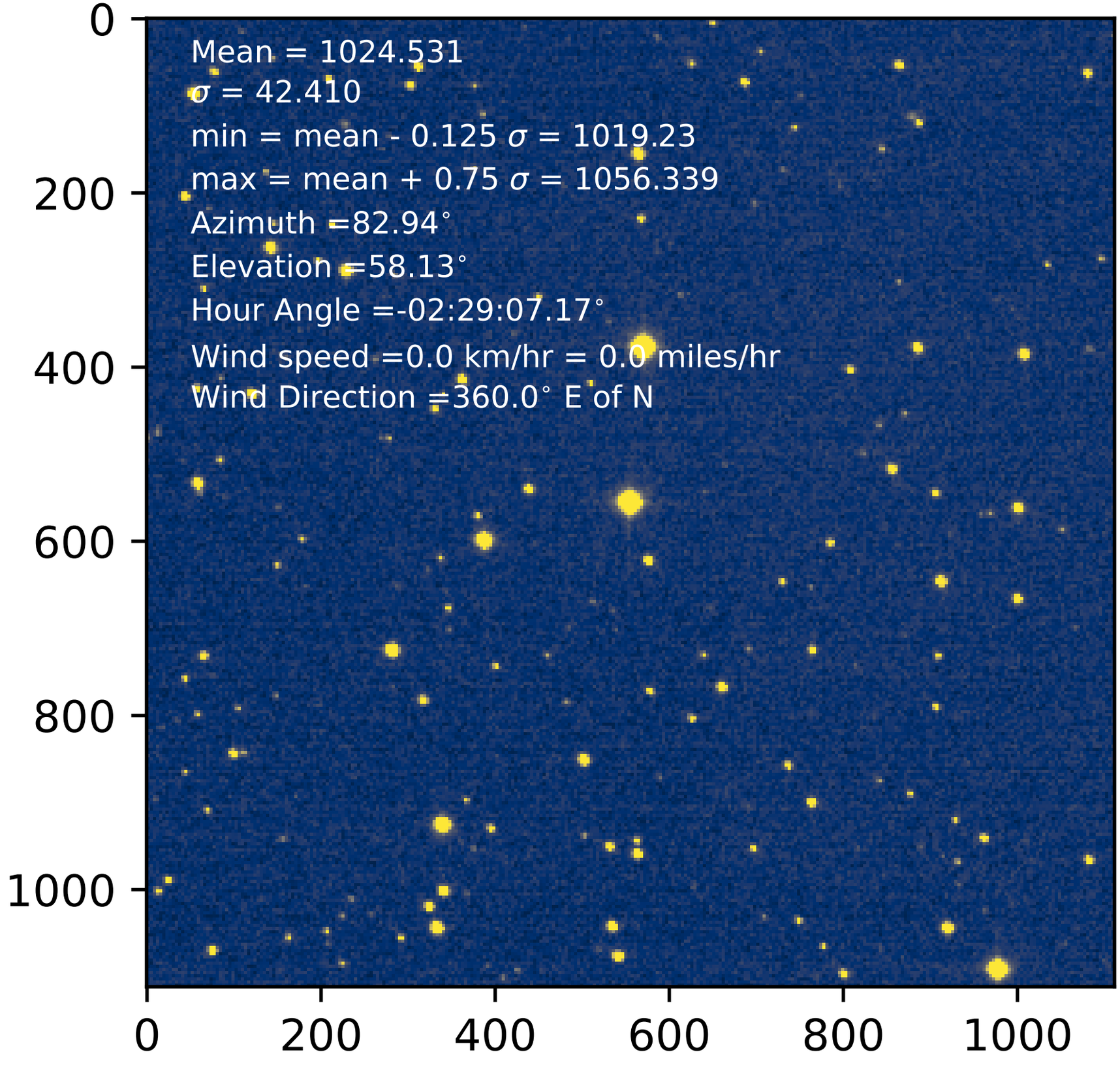

Mean = 1025.112
σ = 42.627
min = mean - 0.125 σ = 1019.784
max = mean + 0.75 σ = 1057.082
Azimuth =82.61°
Elevation =57.36°
Hour Angle =-02:32:45.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

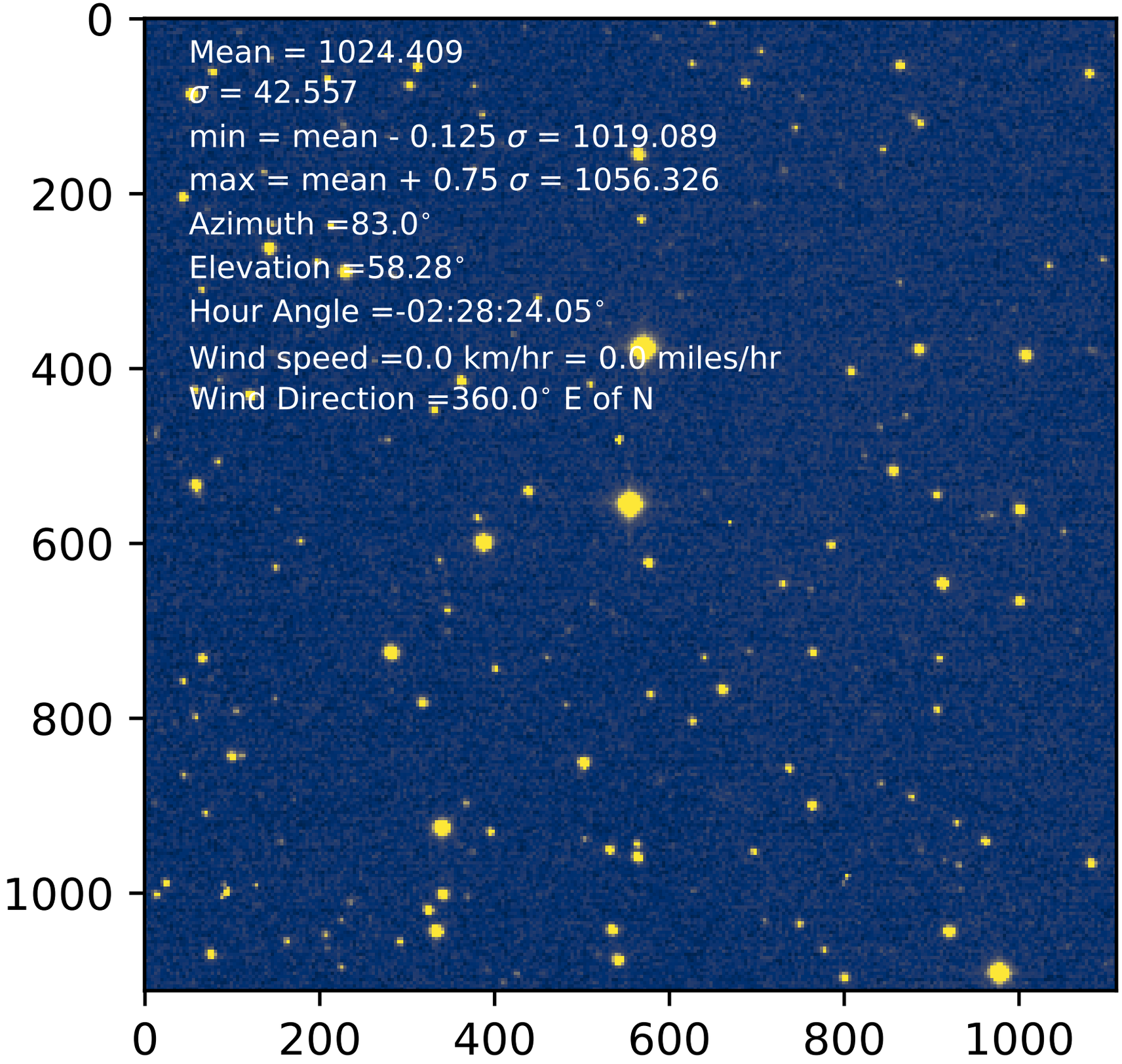

Mean = 1024.935
σ = 43.197
min = mean - 0.125 σ = 1019.535
max = mean + 0.75 σ = 1057.332
Azimuth =82.68°
Elevation =57.51°
Hour Angle =-02:32:01.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

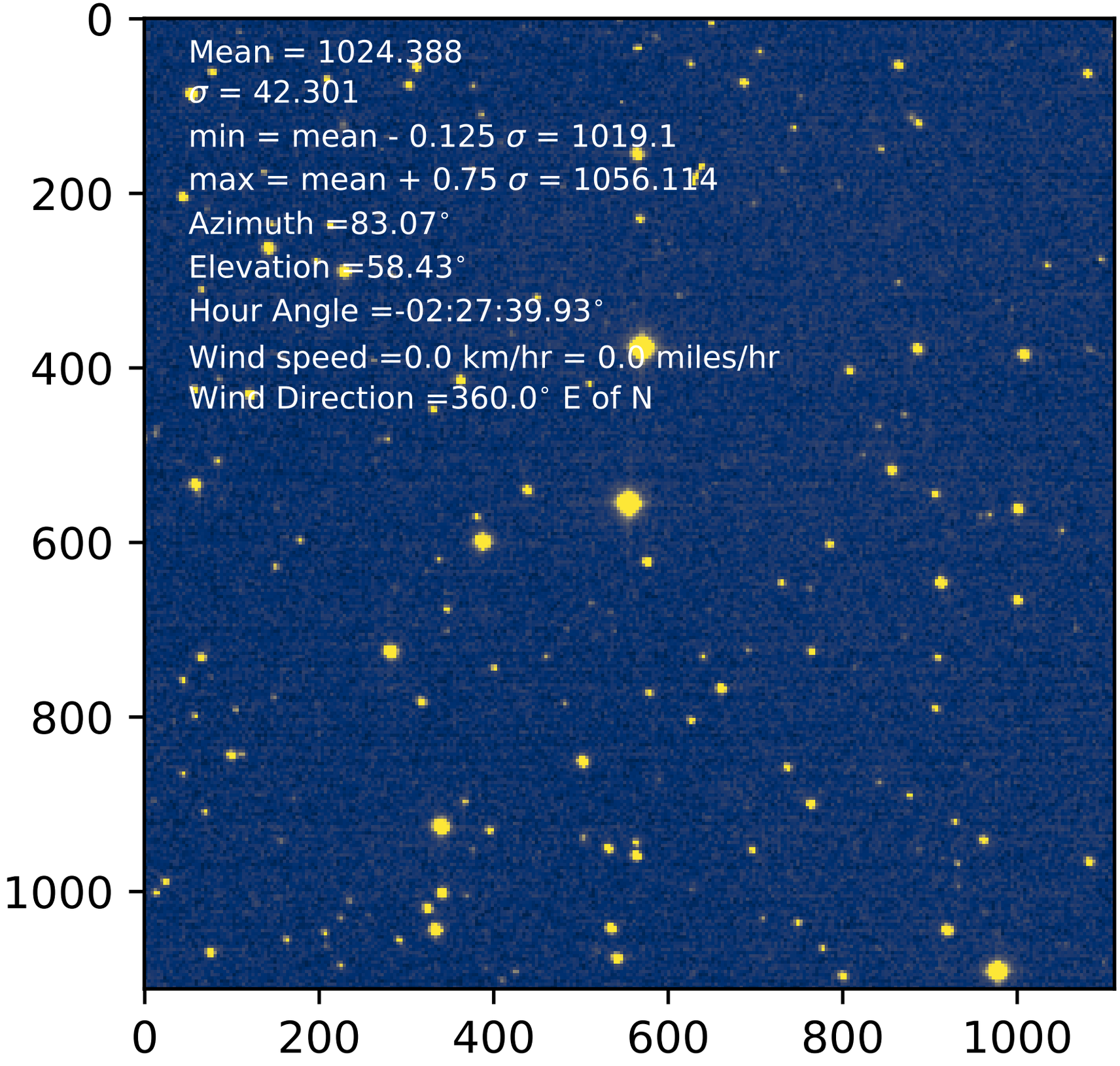

Mean = 1024.908
σ = 43.333
min = mean - 0.125 σ = 1019.491
max = mean + 0.75 σ = 1057.407
Azimuth =82.74°
Elevation =57.66°
Hour Angle =-02:31:18.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

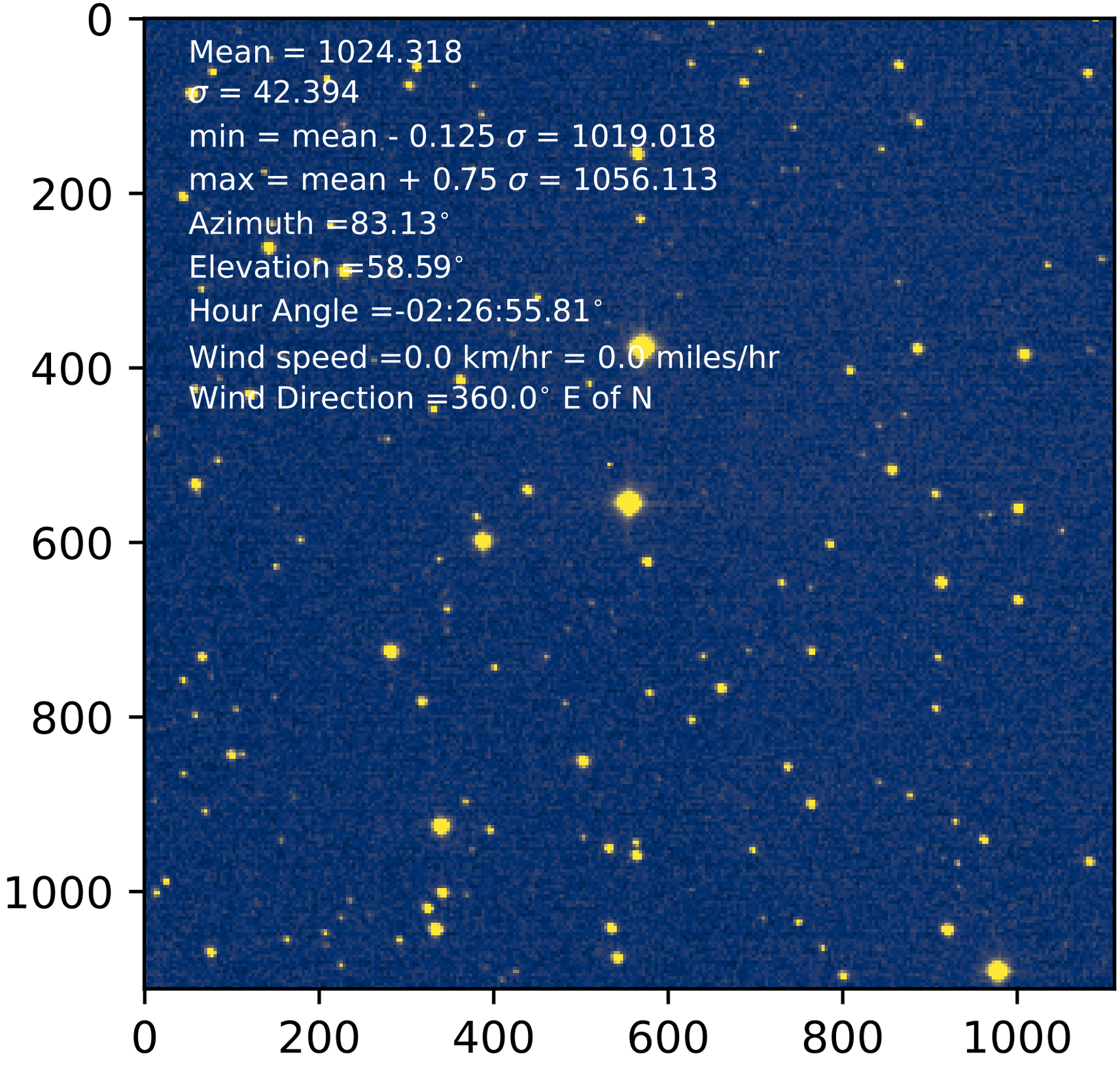

Mean = 1024.752
σ = 42.654
min = mean - 0.125 σ = 1019.42
max = mean + 0.75 σ = 1056.742
Azimuth =82.81°
Elevation =57.82°
Hour Angle =-02:30:34.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

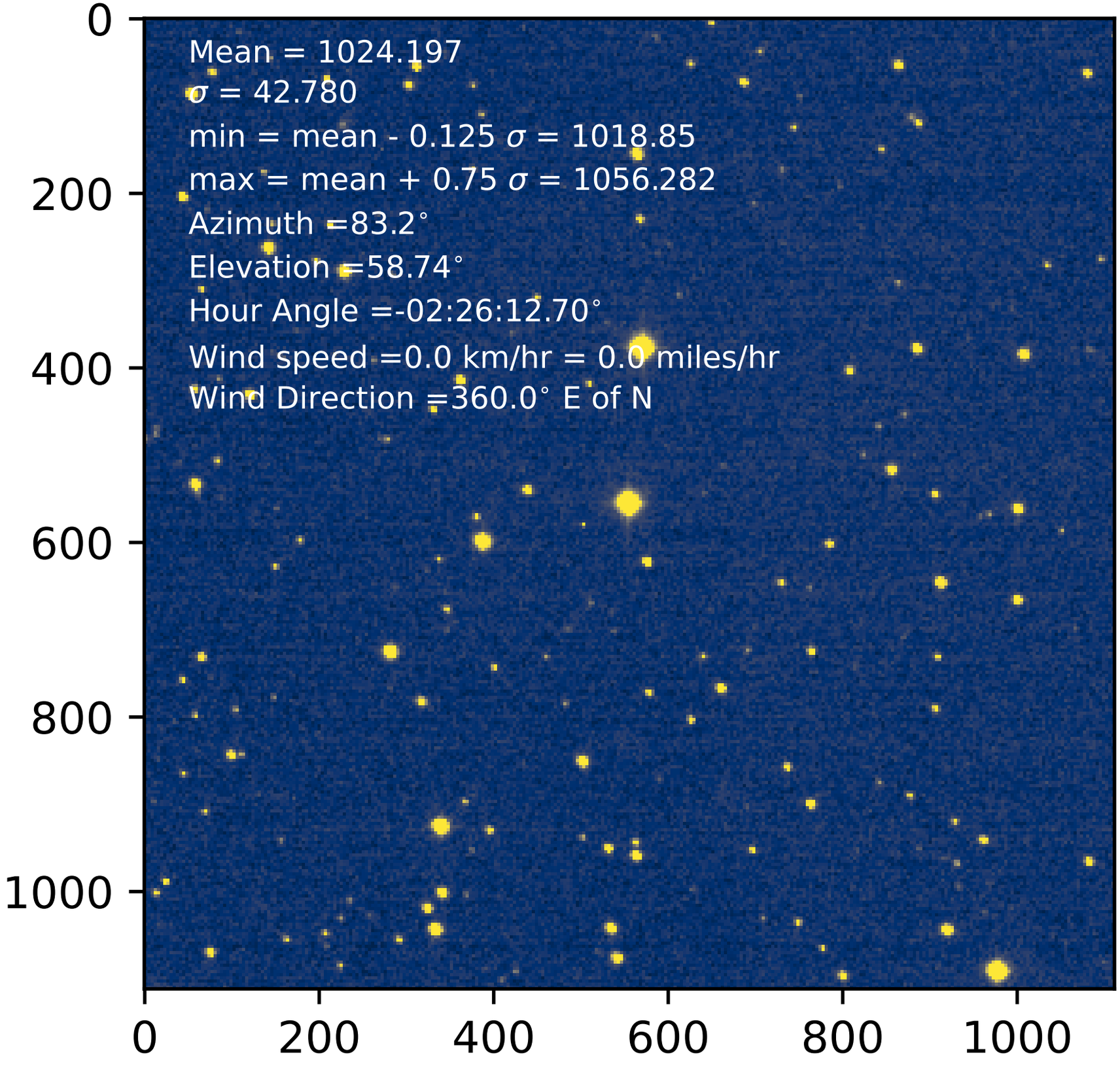

Mean = 1024.620
σ = 42.558
min = mean - 0.125 σ = 1019.301
max = mean + 0.75 σ = 1056.539
Azimuth =82.87°
Elevation =57.97°
Hour Angle =-02:29:51.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

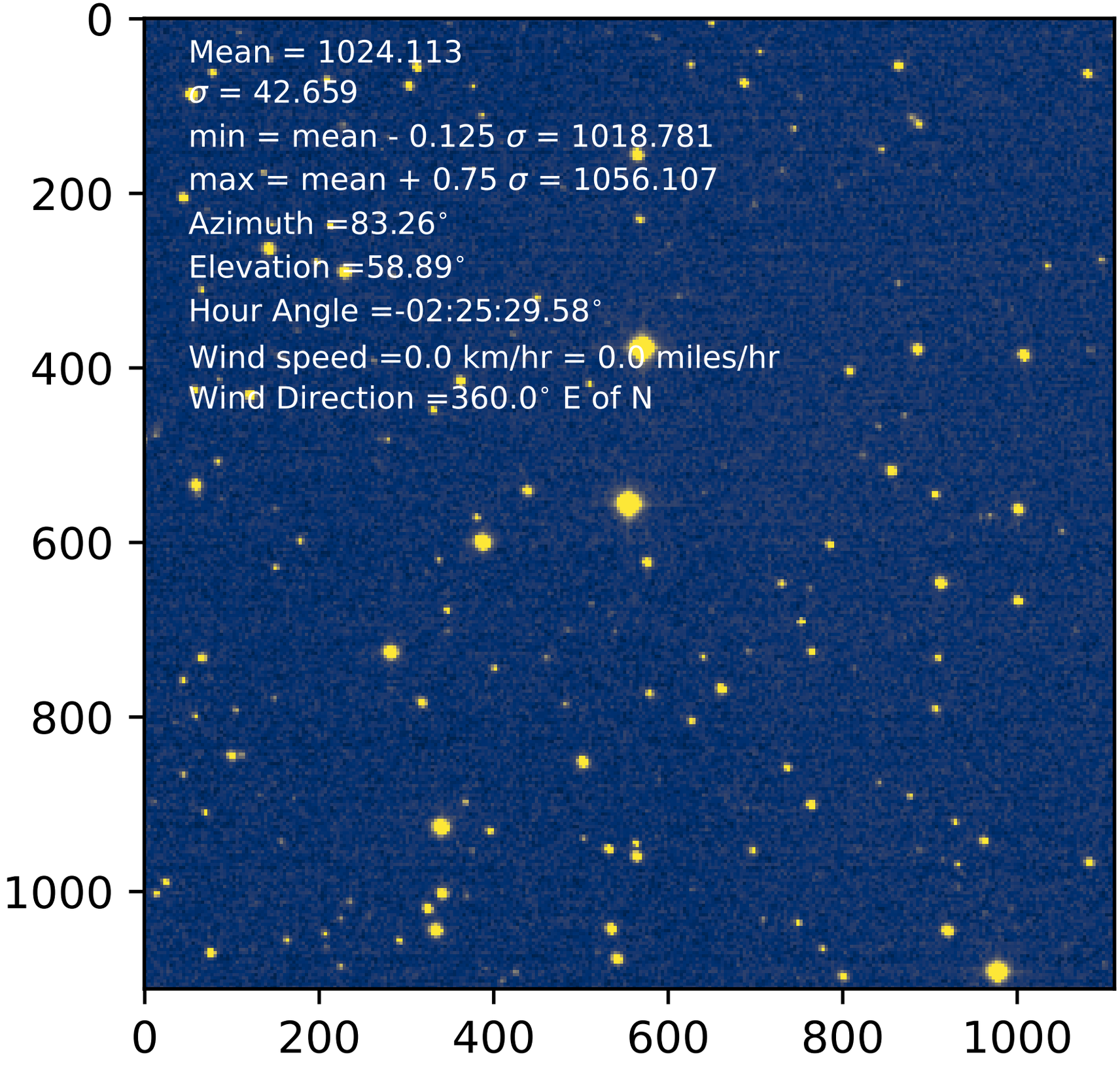

Mean = 1024.531
σ = 42.410
min = mean - 0.125 σ = 1019.23
max = mean + 0.75 σ = 1056.339
Azimuth =82.94°
Elevation =58.13°
Hour Angle =-02:29:07.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

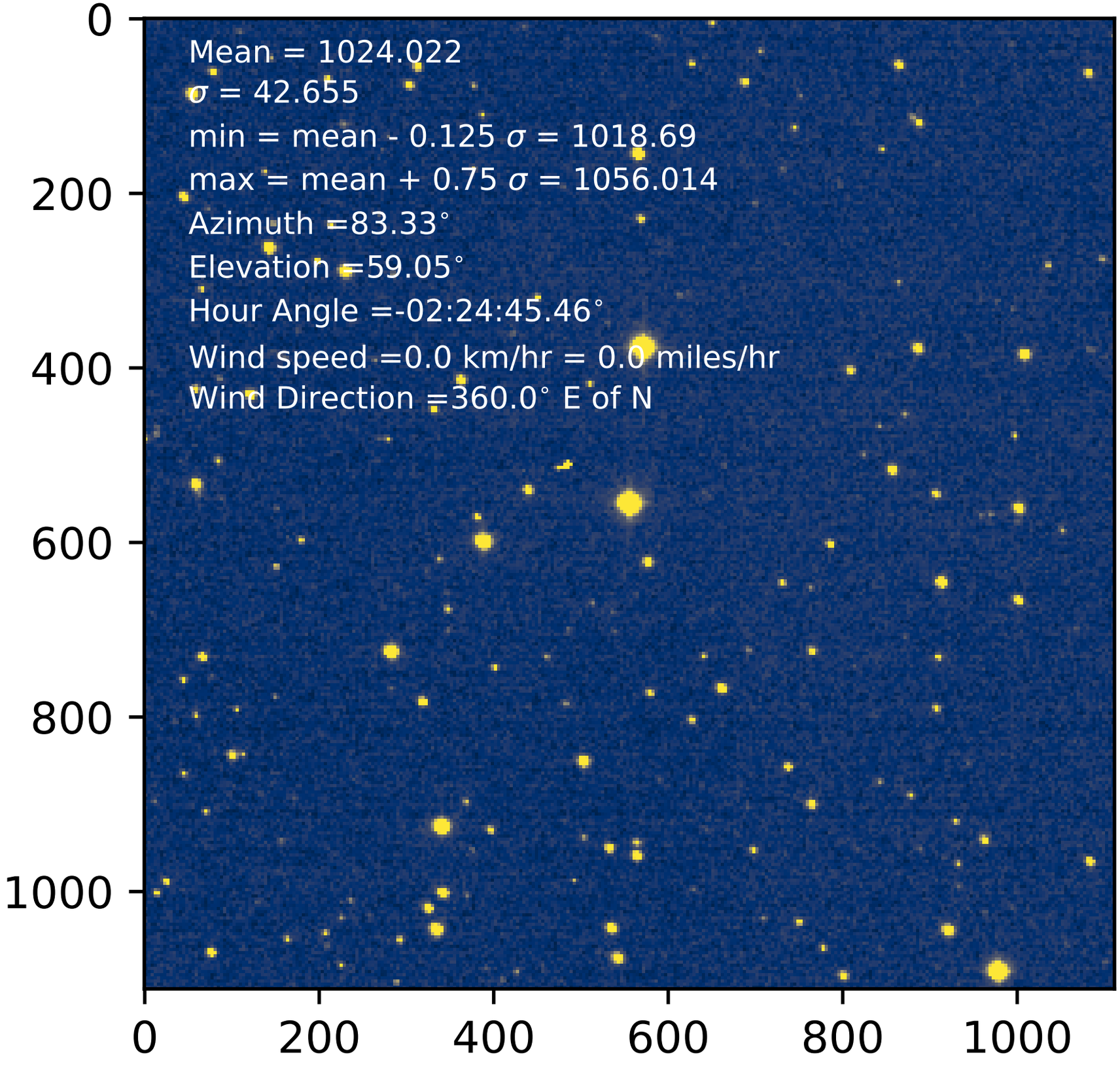

Mean = 1024.409
σ = 42.557
min = mean - 0.125 σ = 1019.089
max = mean + 0.75 σ = 1056.326
Azimuth =83.0°
Elevation =58.28°
Hour Angle =-02:28:24.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

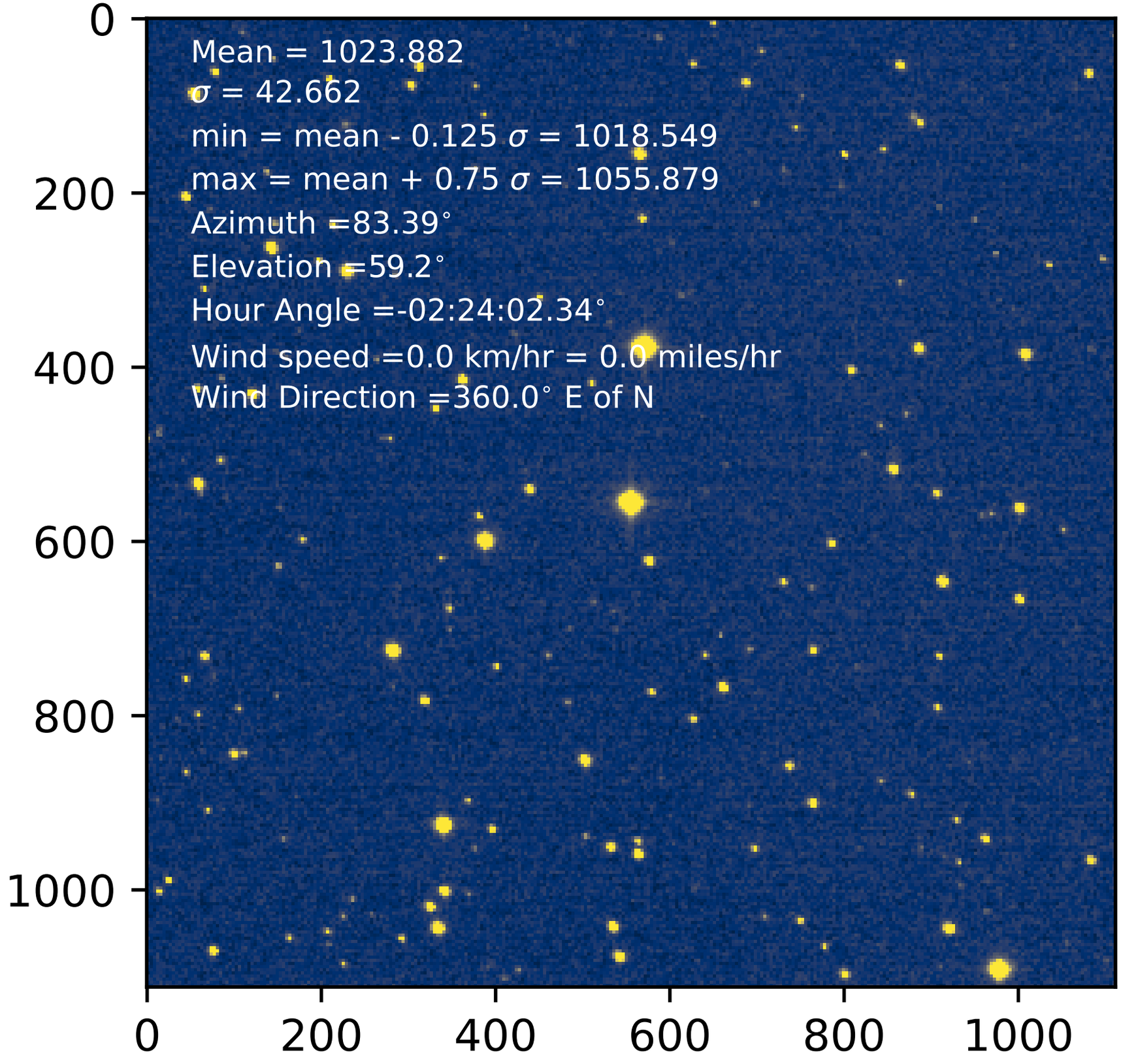

Mean = 1024.388
σ = 42.301
min = mean - 0.125 σ = 1019.1
max = mean + 0.75 σ = 1056.114
Azimuth =83.07°
Elevation =58.43°
Hour Angle =-02:27:39.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

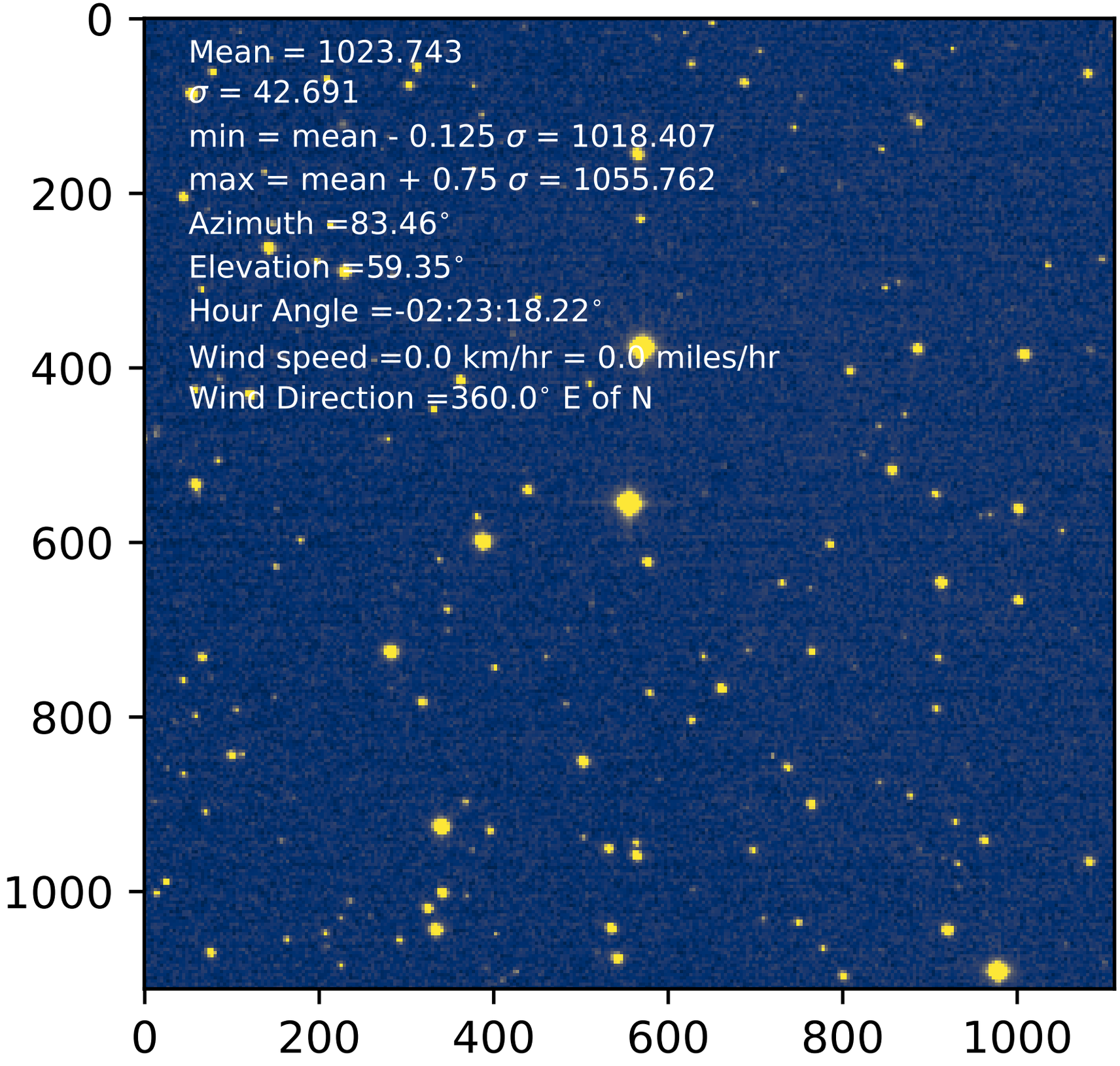

Mean = 1024.318
σ = 42.394
min = mean - 0.125 σ = 1019.018
max = mean + 0.75 σ = 1056.113
Azimuth =83.13°
Elevation =58.59°
Hour Angle =-02:26:55.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

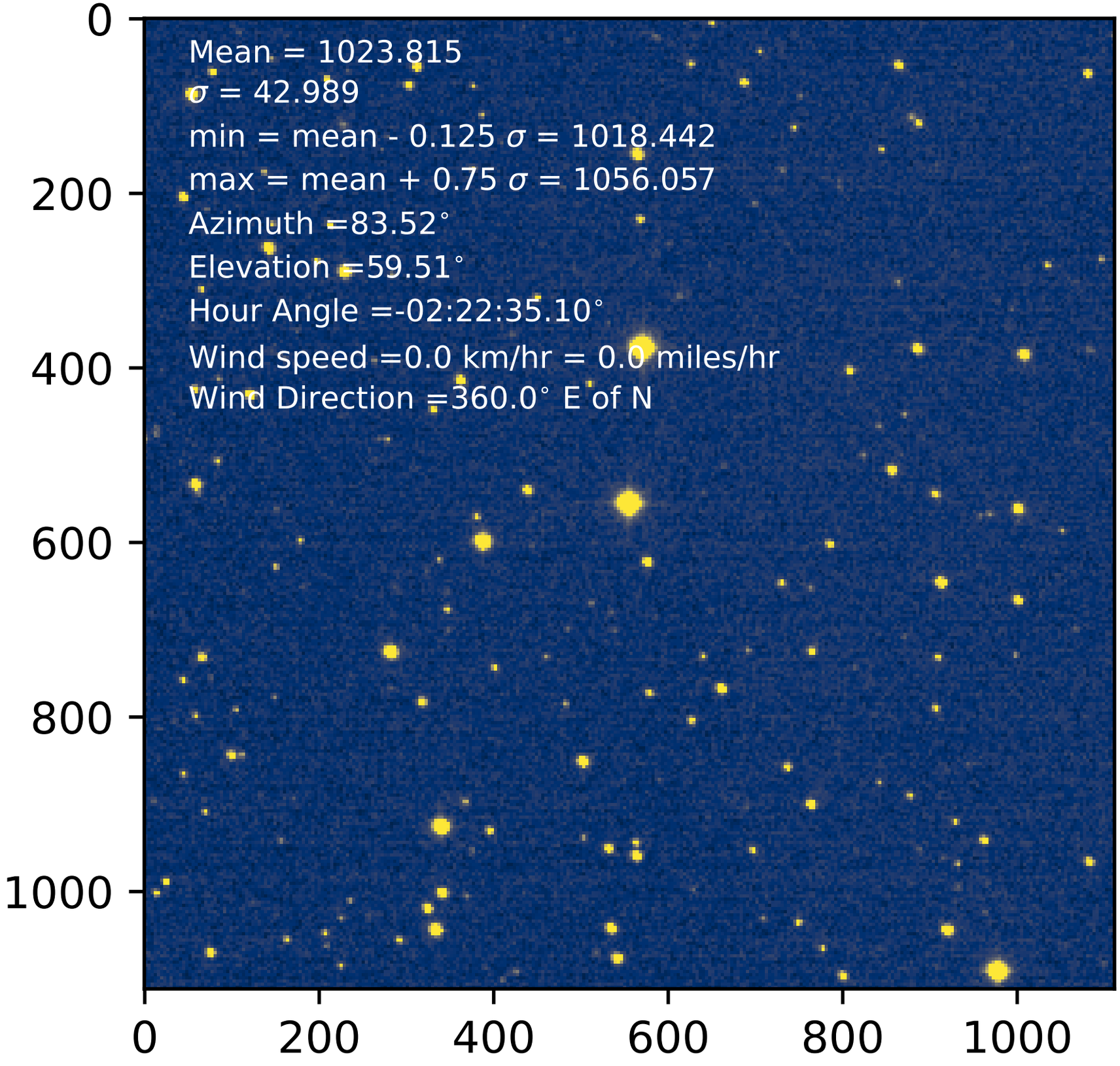

Mean = 1024.197
σ = 42.780
min = mean - 0.125 σ = 1018.85
max = mean + 0.75 σ = 1056.282
Azimuth =83.2°
Elevation =58.74°
Hour Angle =-02:26:12.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

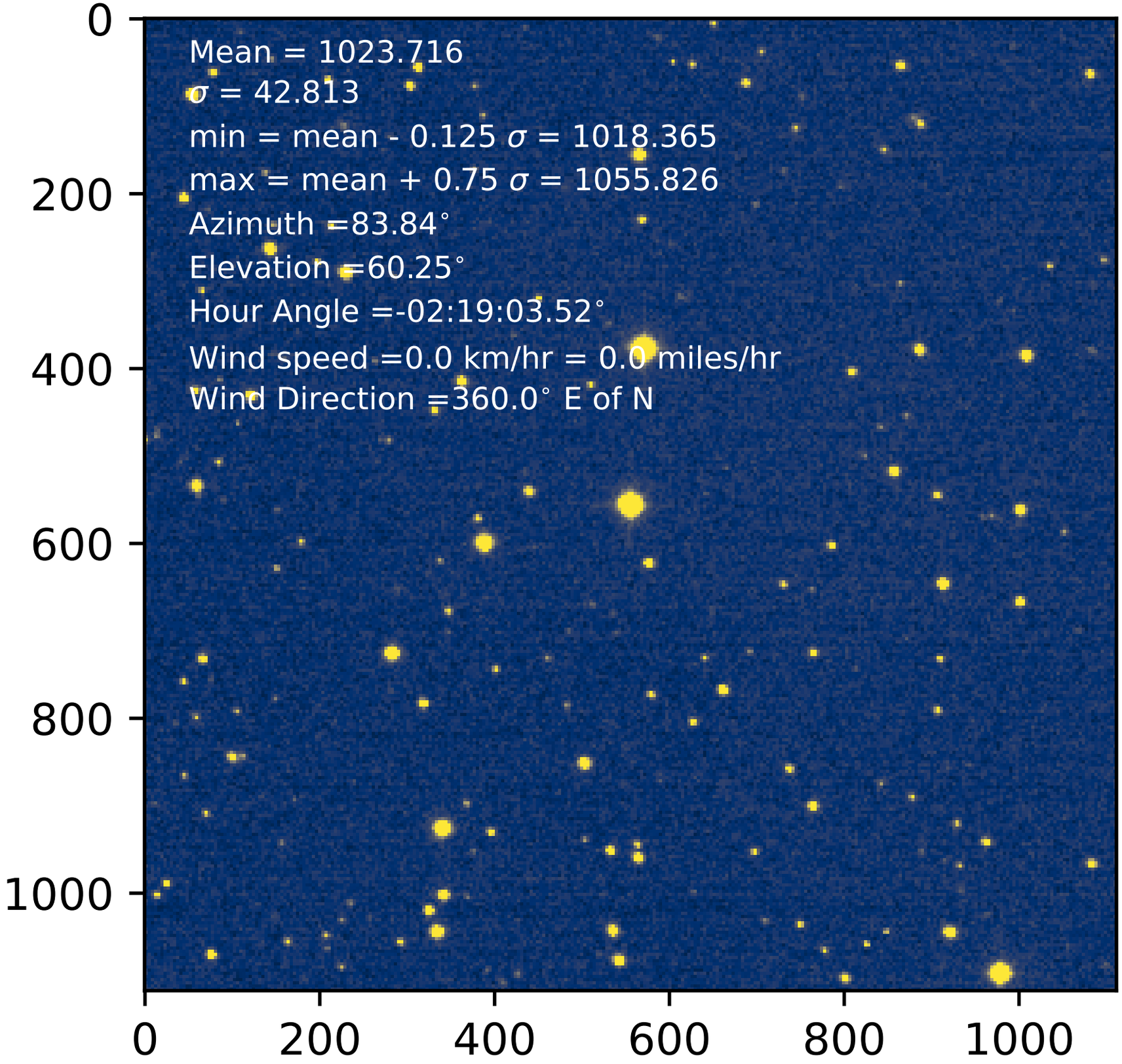

Mean = 1024.113
σ = 42.659
min = mean - 0.125 σ = 1018.781
max = mean + 0.75 σ = 1056.107
Azimuth =83.26°
Elevation =58.89°
Hour Angle =-02:25:29.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

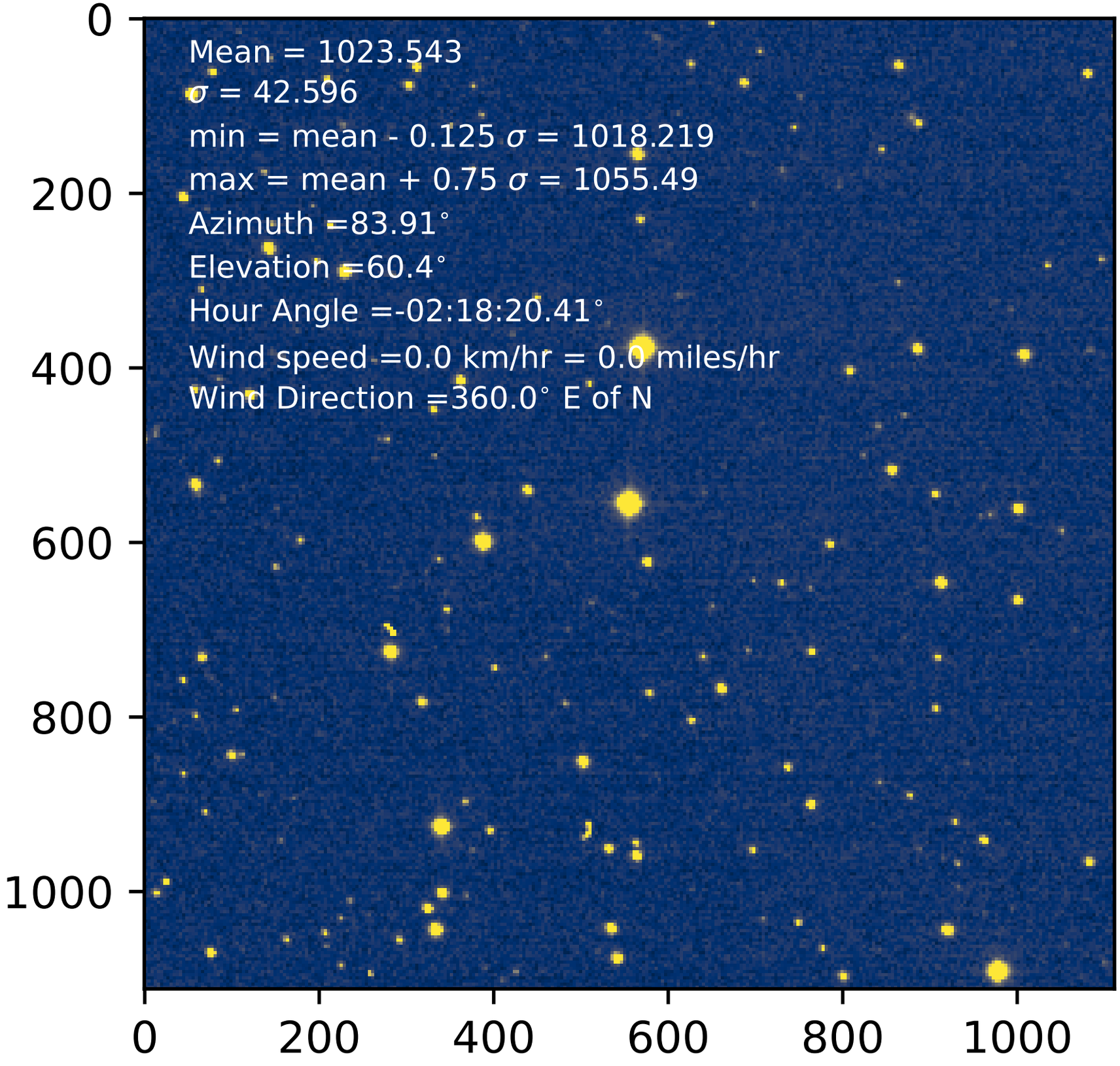

Mean = 1024.022
σ = 42.655
min = mean - 0.125 σ = 1018.69
max = mean + 0.75 σ = 1056.014
Azimuth =83.33°
Elevation =59.05°
Hour Angle =-02:24:45.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

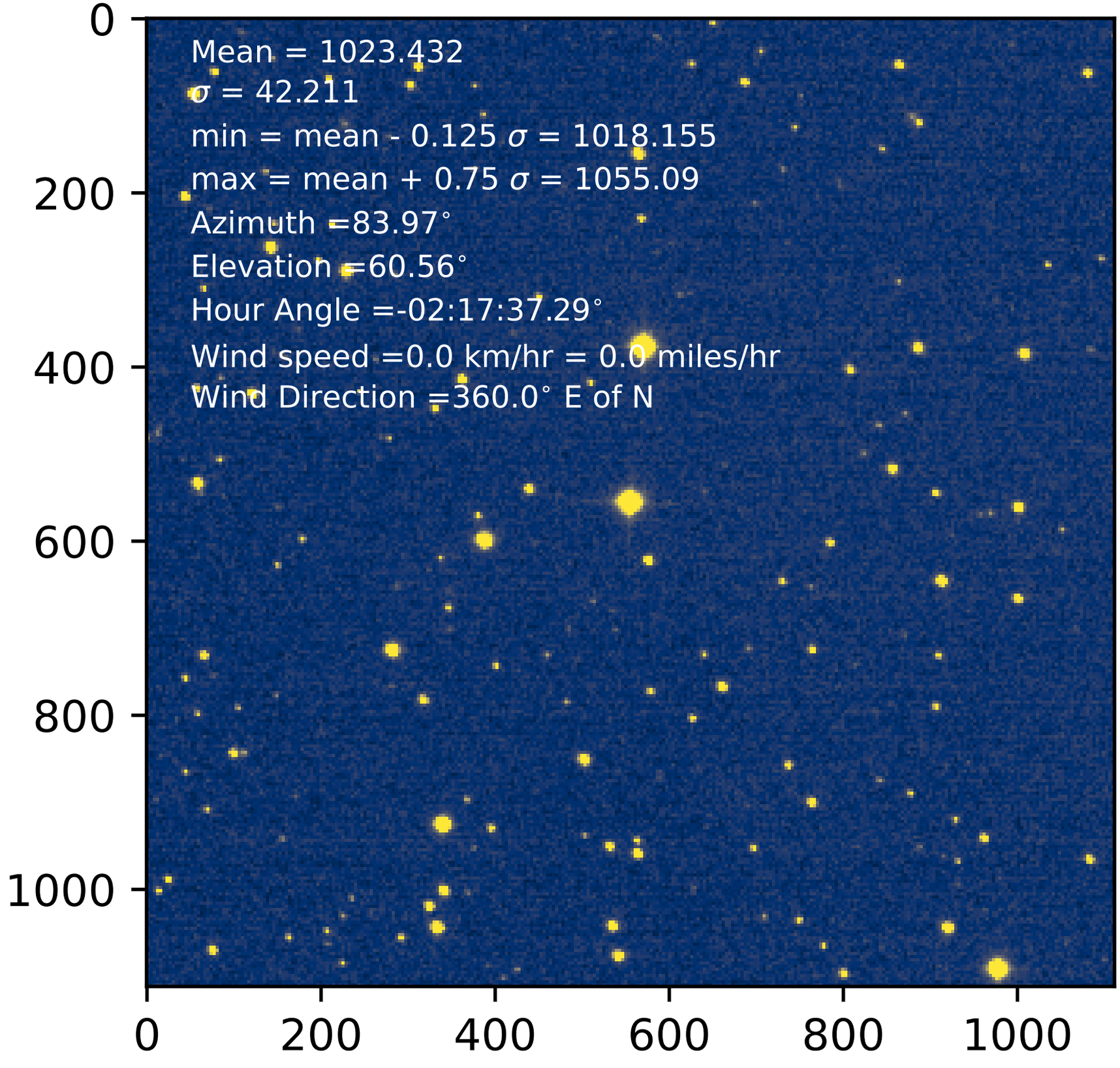

Mean = 1023.882
σ = 42.662
min = mean - 0.125 σ = 1018.549
max = mean + 0.75 σ = 1055.879
Azimuth =83.39°
Elevation =59.2°
Hour Angle =-02:24:02.34°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

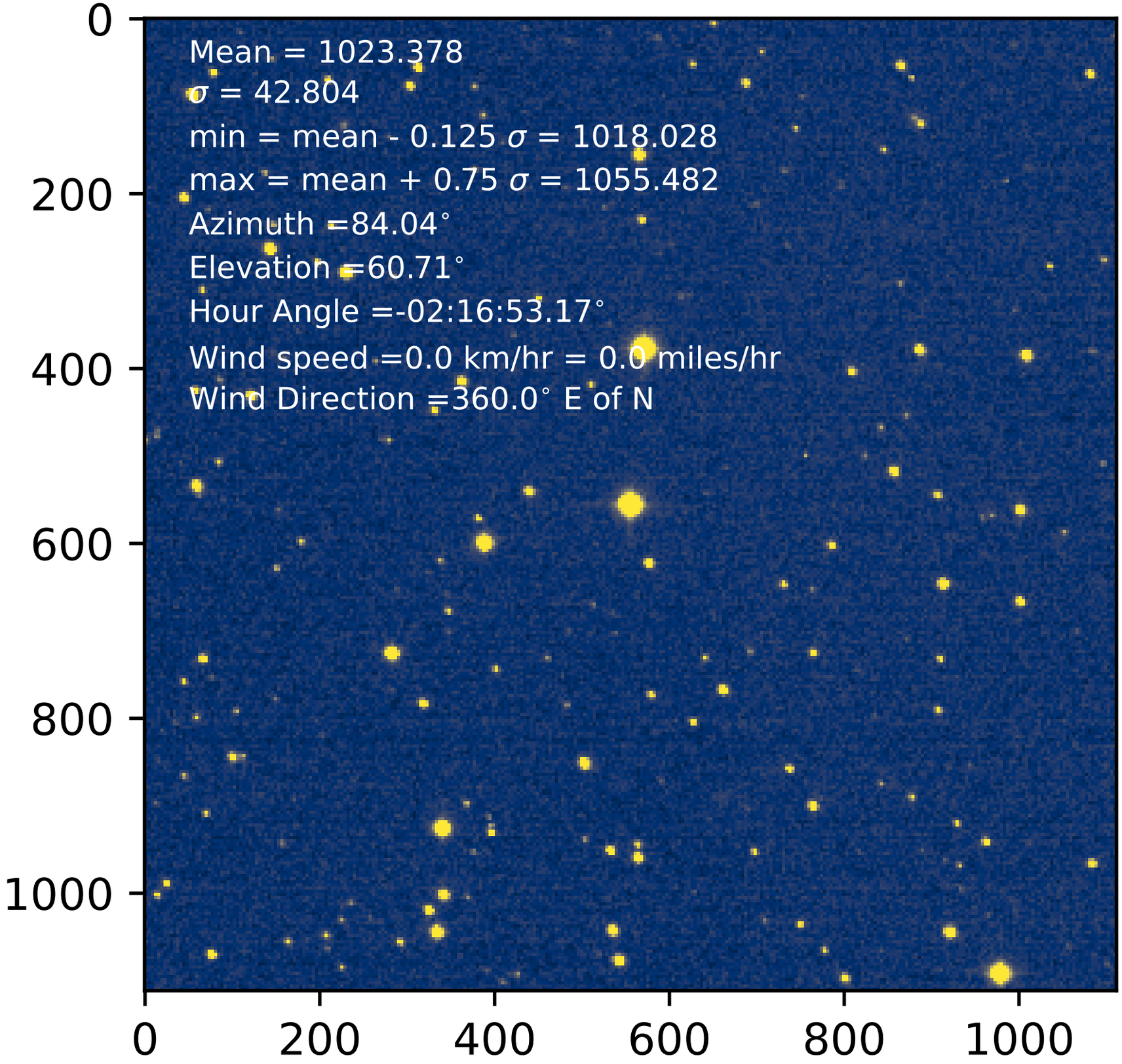

Mean = 1023.743
σ = 42.691
min = mean - 0.125 σ = 1018.407
max = mean + 0.75 σ = 1055.762
Azimuth =83.46°
Elevation =59.35°
Hour Angle =-02:23:18.22°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

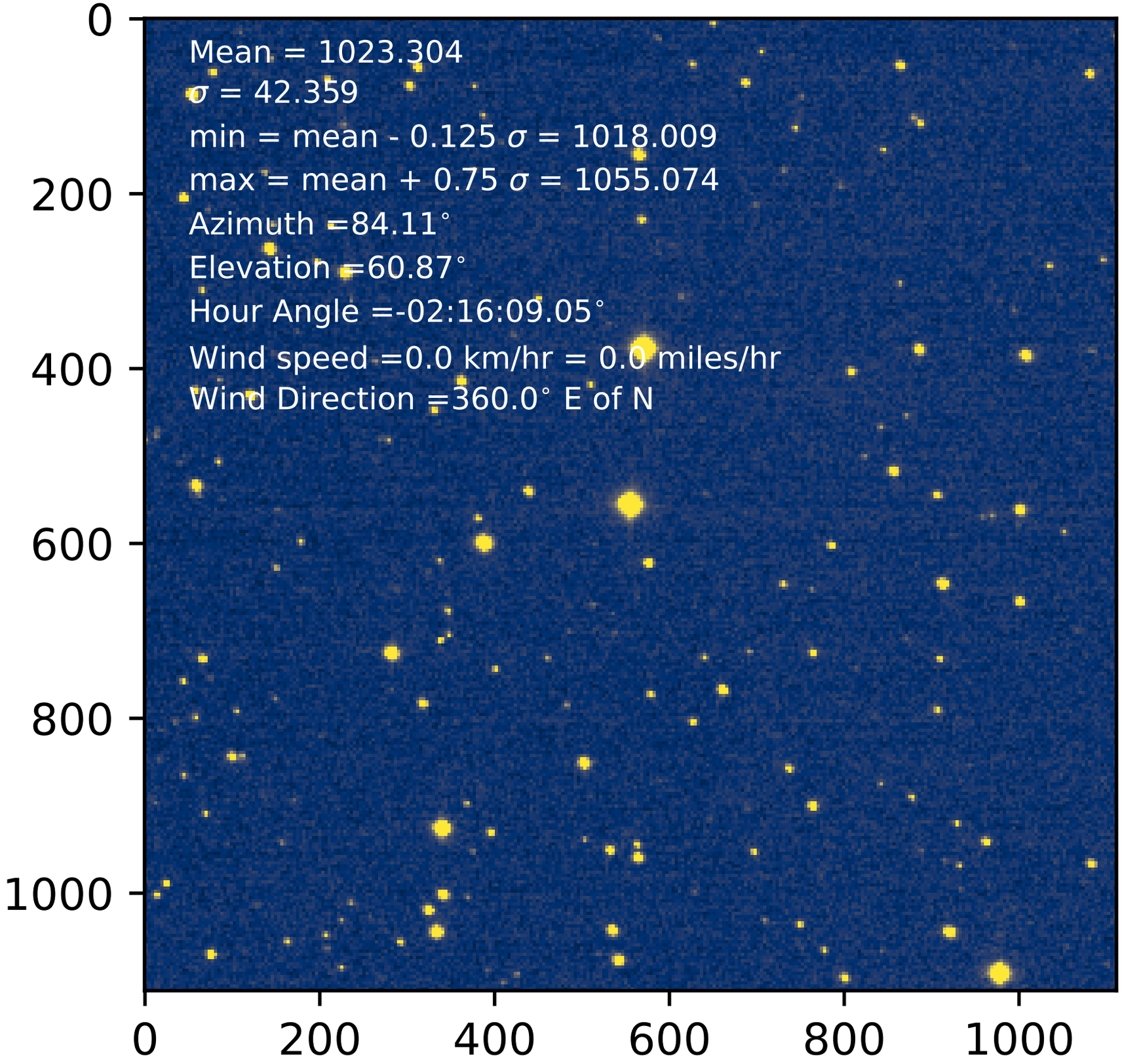

Mean = 1023.815
σ = 42.989
min = mean - 0.125 σ = 1018.442
max = mean + 0.75 σ = 1056.057
Azimuth =83.52°
Elevation =59.51°
Hour Angle =-02:22:35.10°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1023.716
σ = 42.813
min = mean - 0.125 σ = 1018.365
max = mean + 0.75 σ = 1055.826
Azimuth =83.84°
Elevation =60.25°
Hour Angle =-02:19:03.52°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1023.543
σ = 42.596
min = mean - 0.125 σ = 1018.219
max = mean + 0.75 σ = 1055.49
Azimuth =83.91°
Elevation =60.4°
Hour Angle =-02:18:20.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1023.432
σ = 42.211
min = mean - 0.125 σ = 1018.155
max = mean + 0.75 σ = 1055.09
Azimuth =83.97°
Elevation =60.56°
Hour Angle =-02:17:37.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1023.378
σ = 42.804
min = mean - 0.125 σ = 1018.028
max = mean + 0.75 σ = 1055.482
Azimuth =84.04°
Elevation =60.71°
Hour Angle =-02:16:53.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1023.304
σ = 42.359
min = mean - 0.125 σ = 1018.009
max = mean + 0.75 σ = 1055.074
Azimuth =84.11°
Elevation =60.87°
Hour Angle =-02:16:09.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
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400
600
800
1000
0
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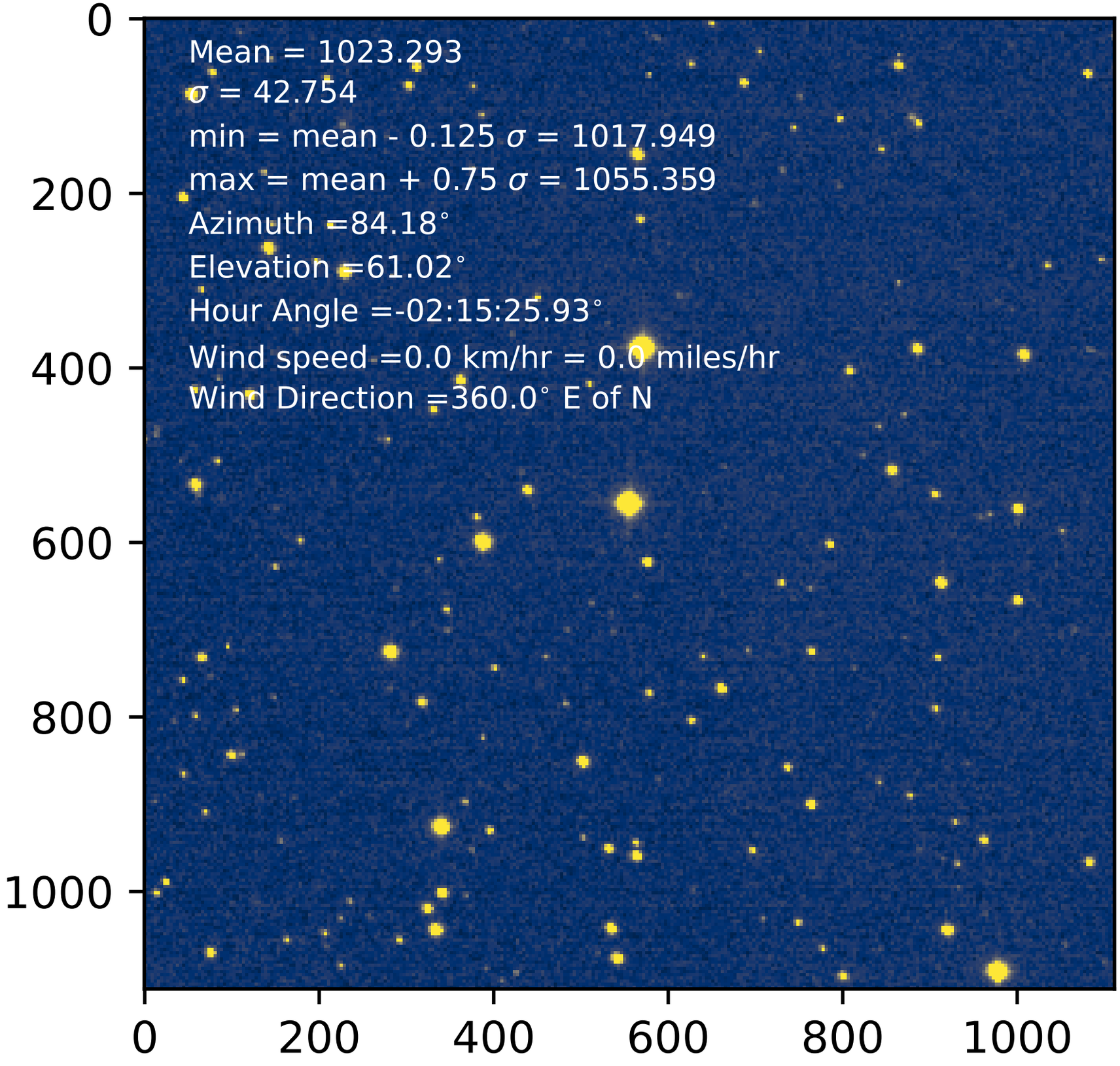
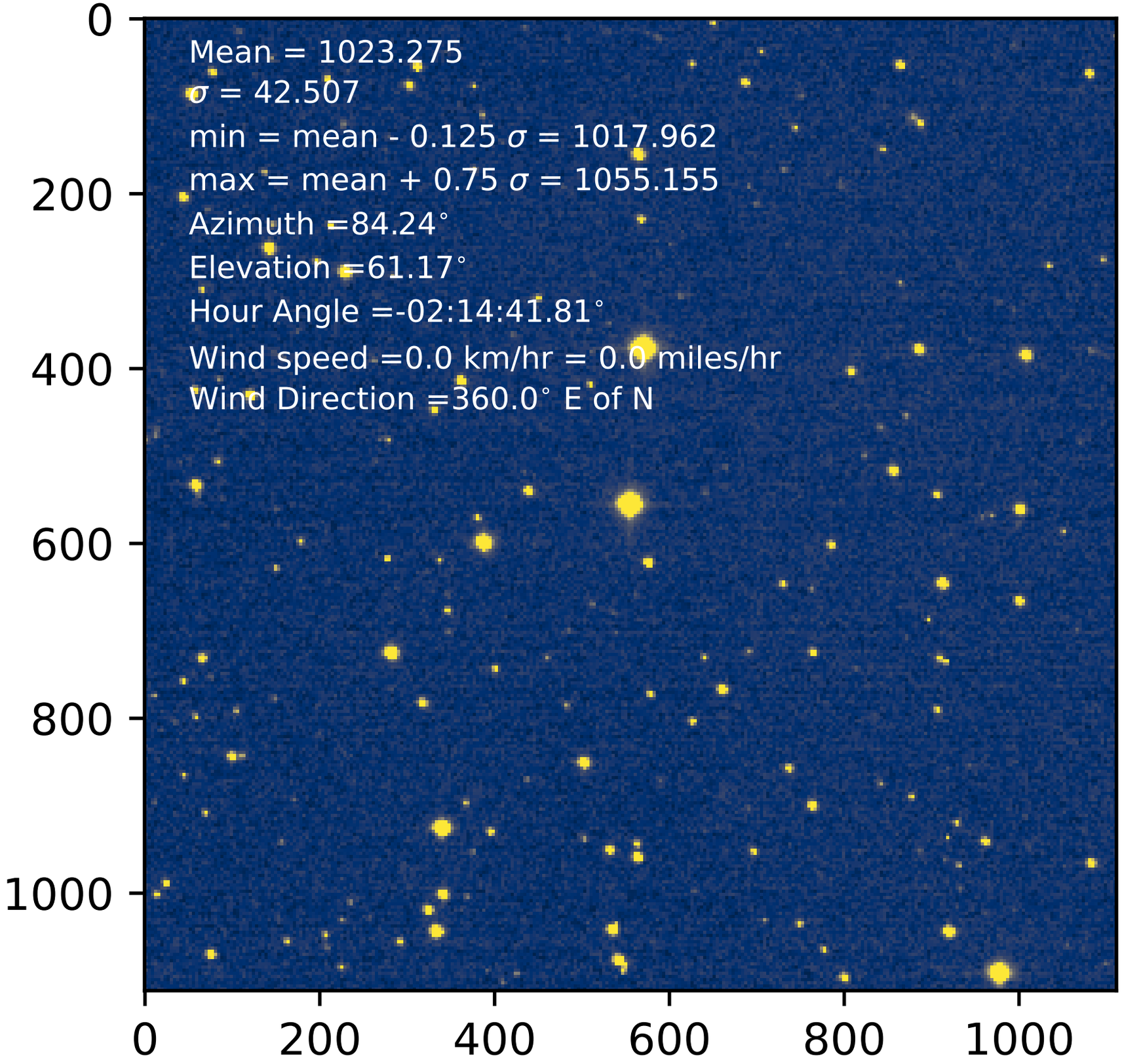
600
800
1000


Mean = 1023.293
σ = 42.754
min = mean - 0.125 σ = 1017.949
max = mean + 0.75 σ = 1055.359
Azimuth =84.18°
Elevation =61.02°
Hour Angle =-02:15:25.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1023.275
σ = 42.507
min = mean - 0.125 σ = 1017.962
max = mean + 0.75 σ = 1055.155
Azimuth =84.24°
Elevation =61.17°
Hour Angle =-02:14:41.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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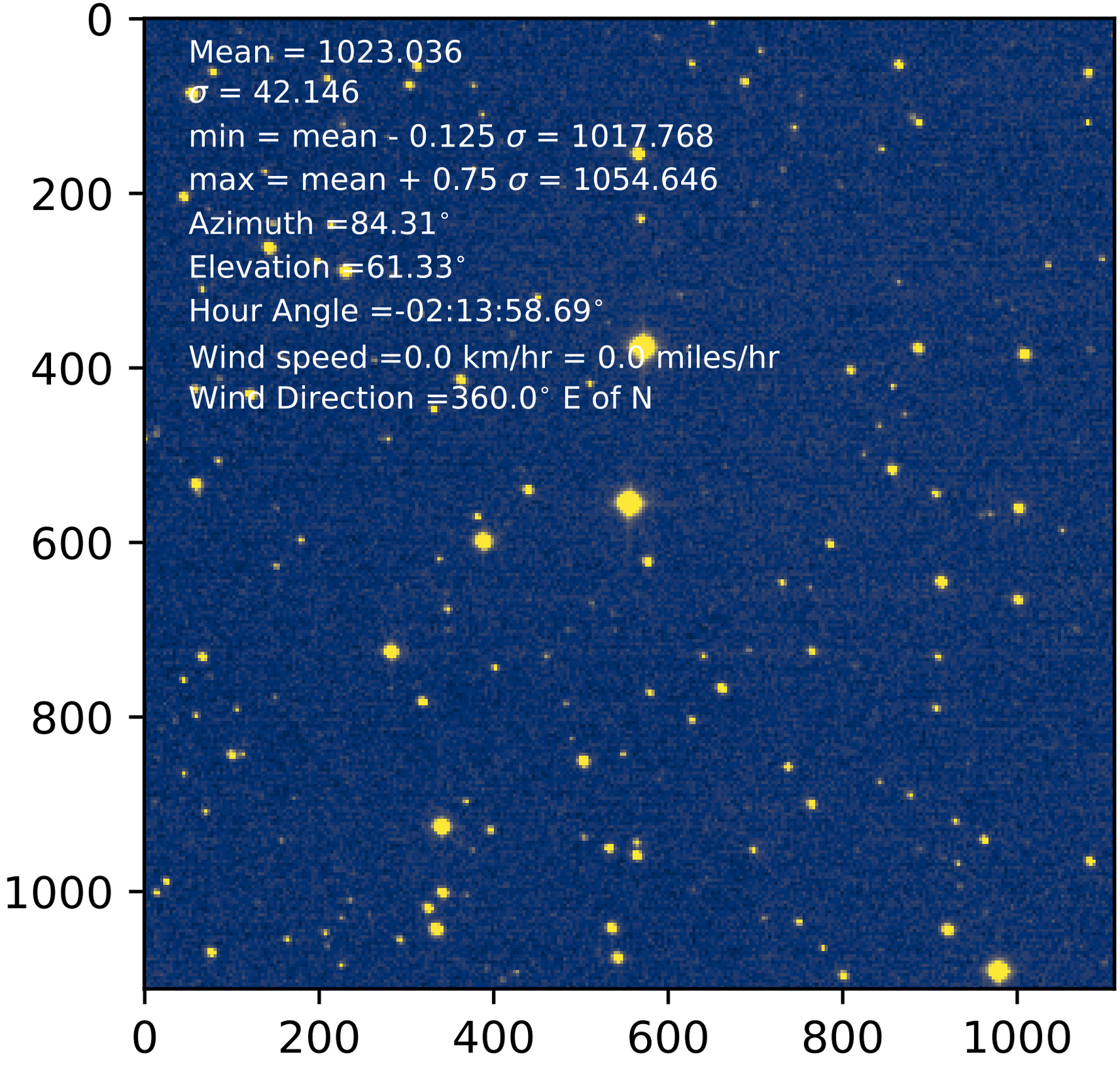
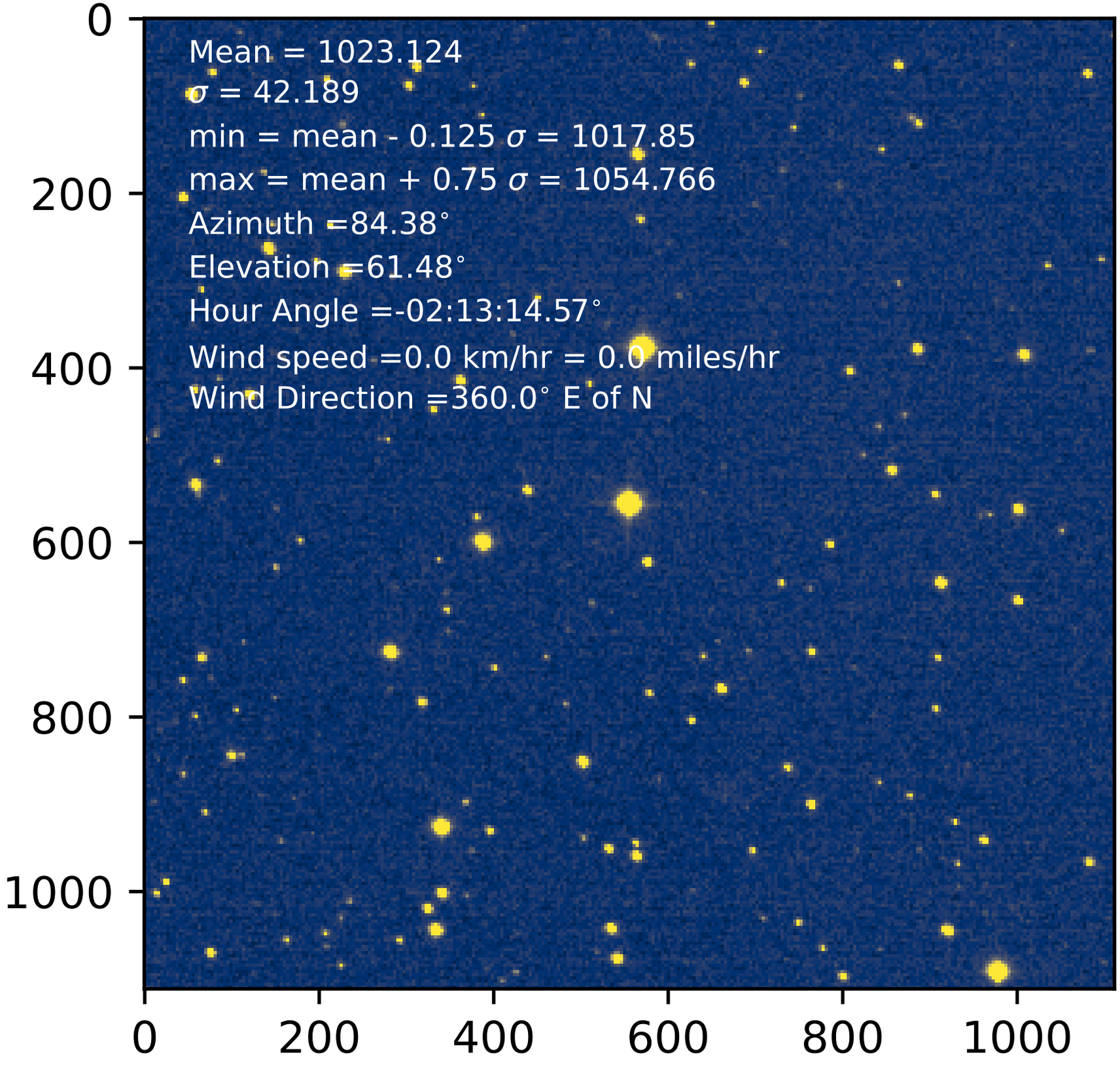
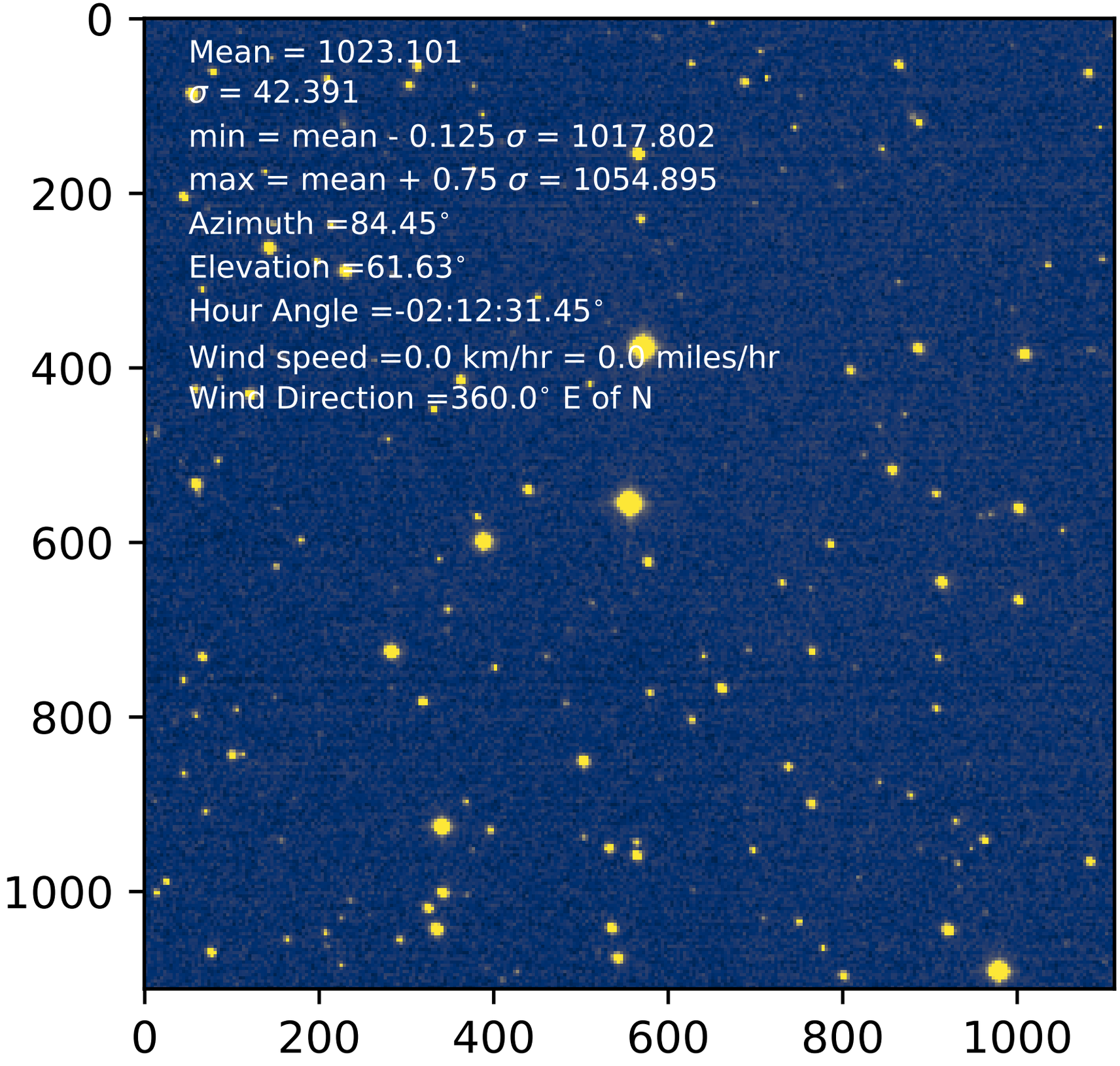
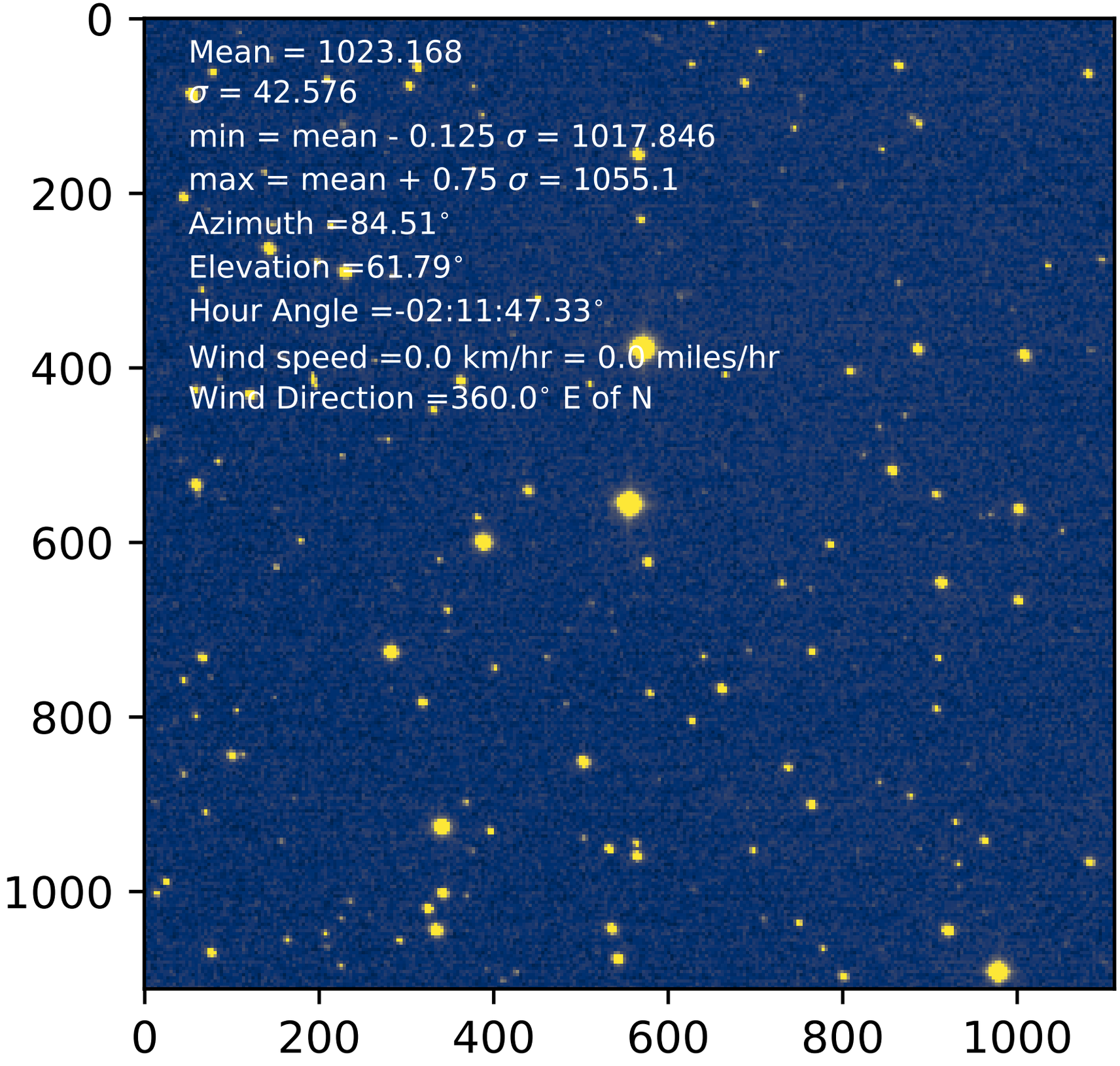
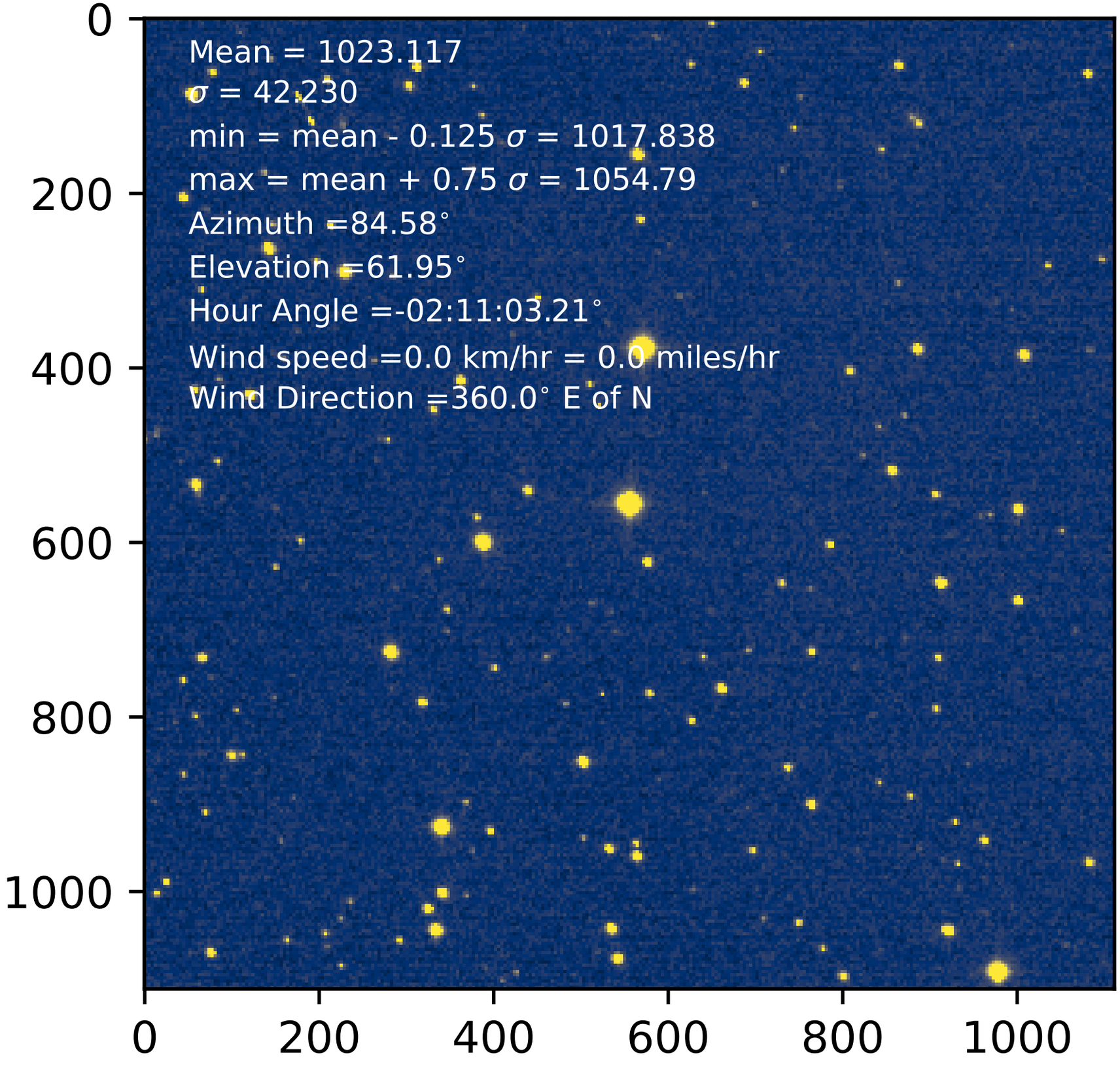
400
600
800
1000

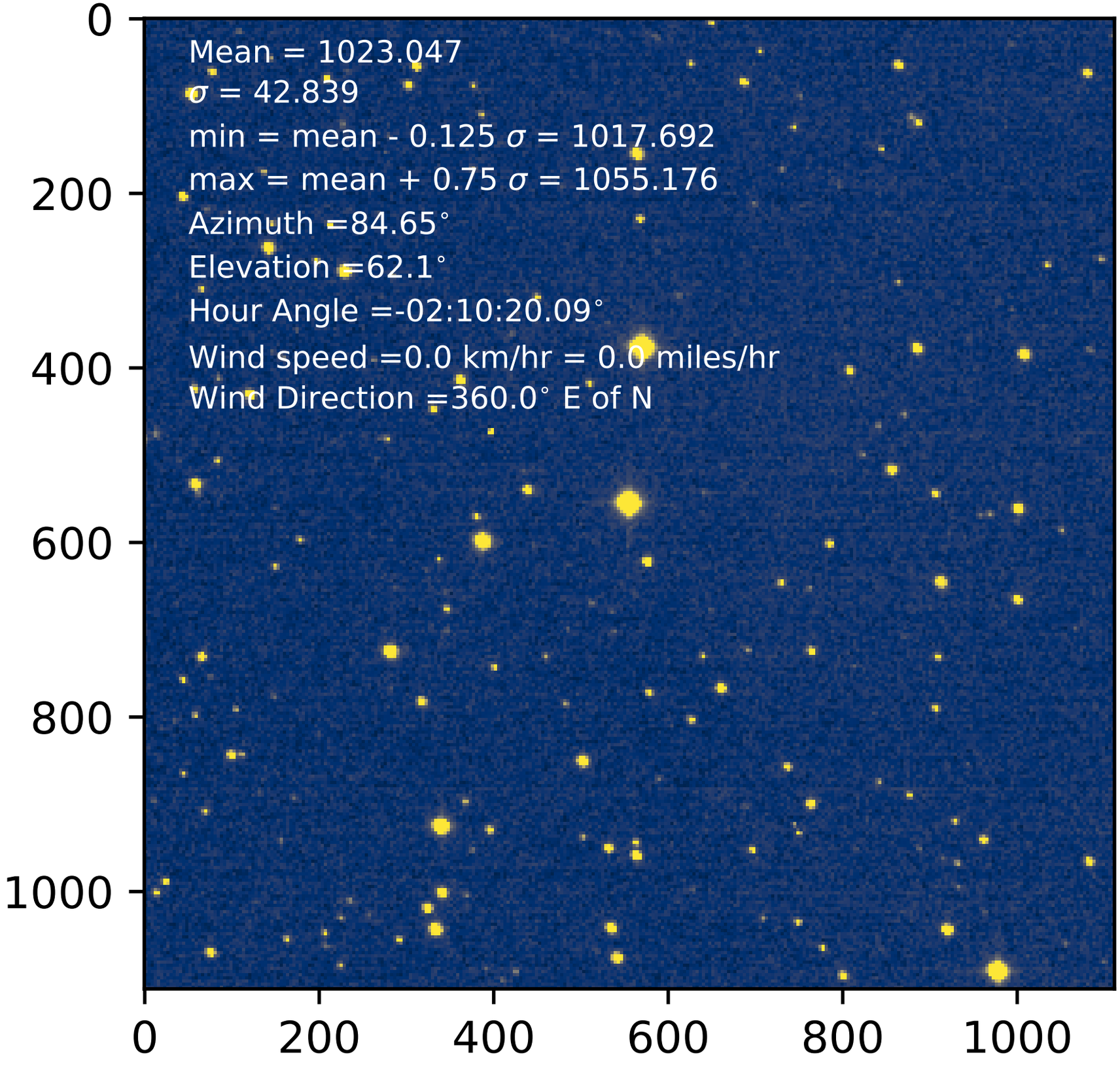

Mean = 1023.036
σ = 42.146
min = mean - 0.125 σ = 1017.768
max = mean + 0.75 σ = 1054.646
Azimuth =84.31°
Elevation =61.33°
Hour Angle =-02:13:58.69°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

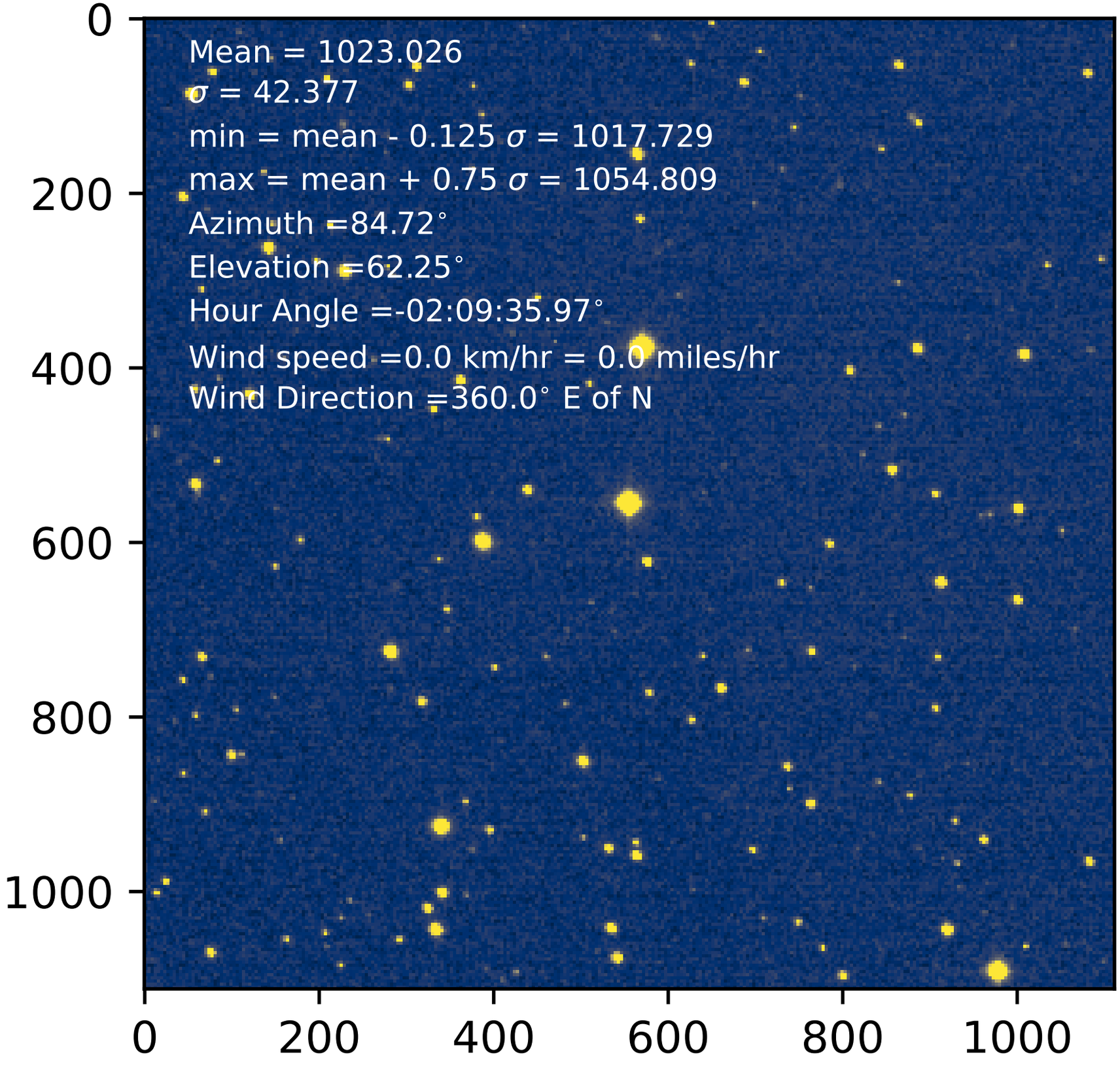

Mean = 1023.124
σ = 42.189
min = mean - 0.125 σ = 1017.85
max = mean + 0.75 σ = 1054.766
Azimuth =84.38°
Elevation =61.48°
Hour Angle =-02:13:14.57°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

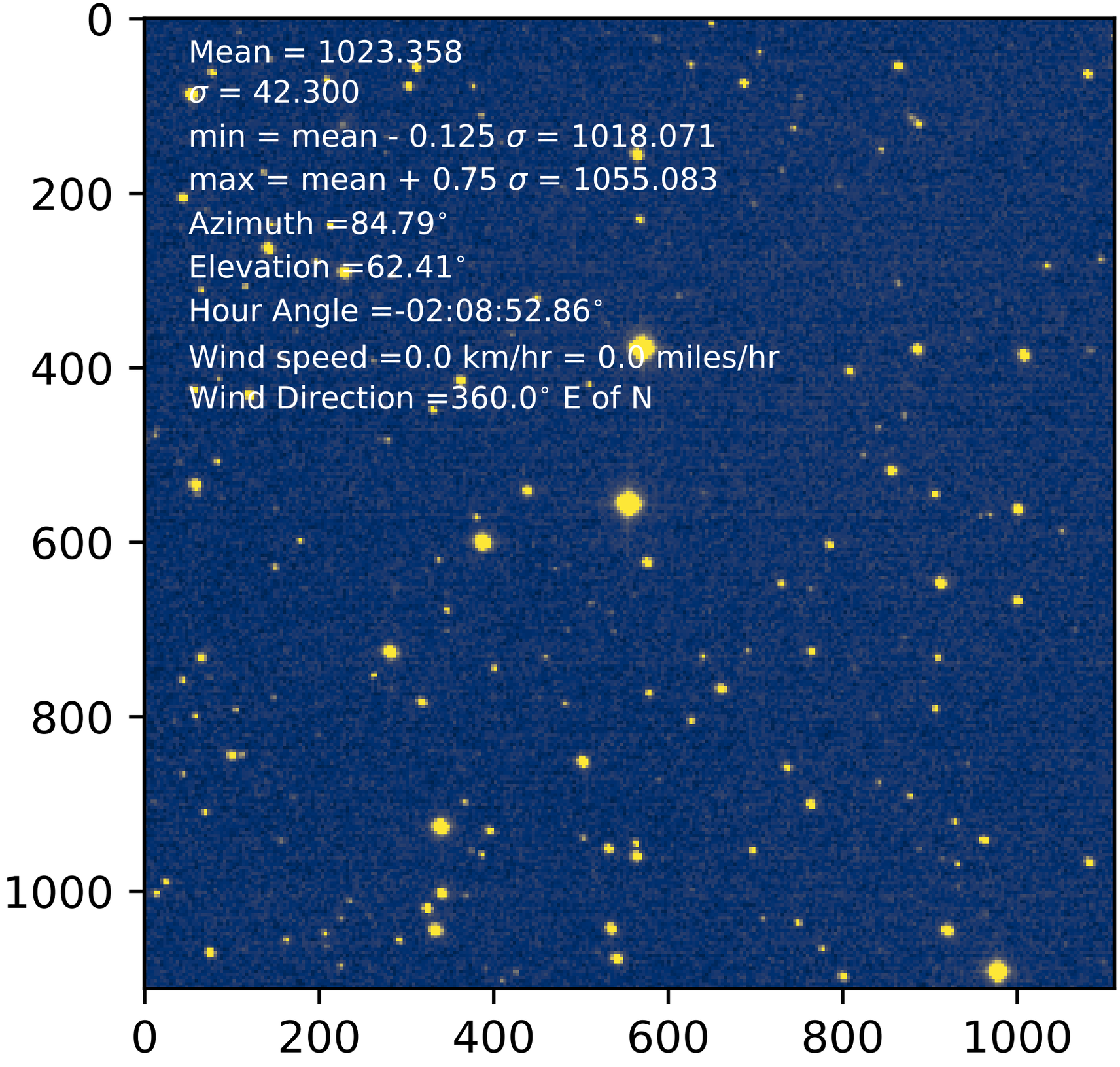

Mean = 1023.101
σ = 42.391
min = mean - 0.125 σ = 1017.802
max = mean + 0.75 σ = 1054.895
Azimuth =84.45°
Elevation =61.63°
Hour Angle =-02:12:31.45°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

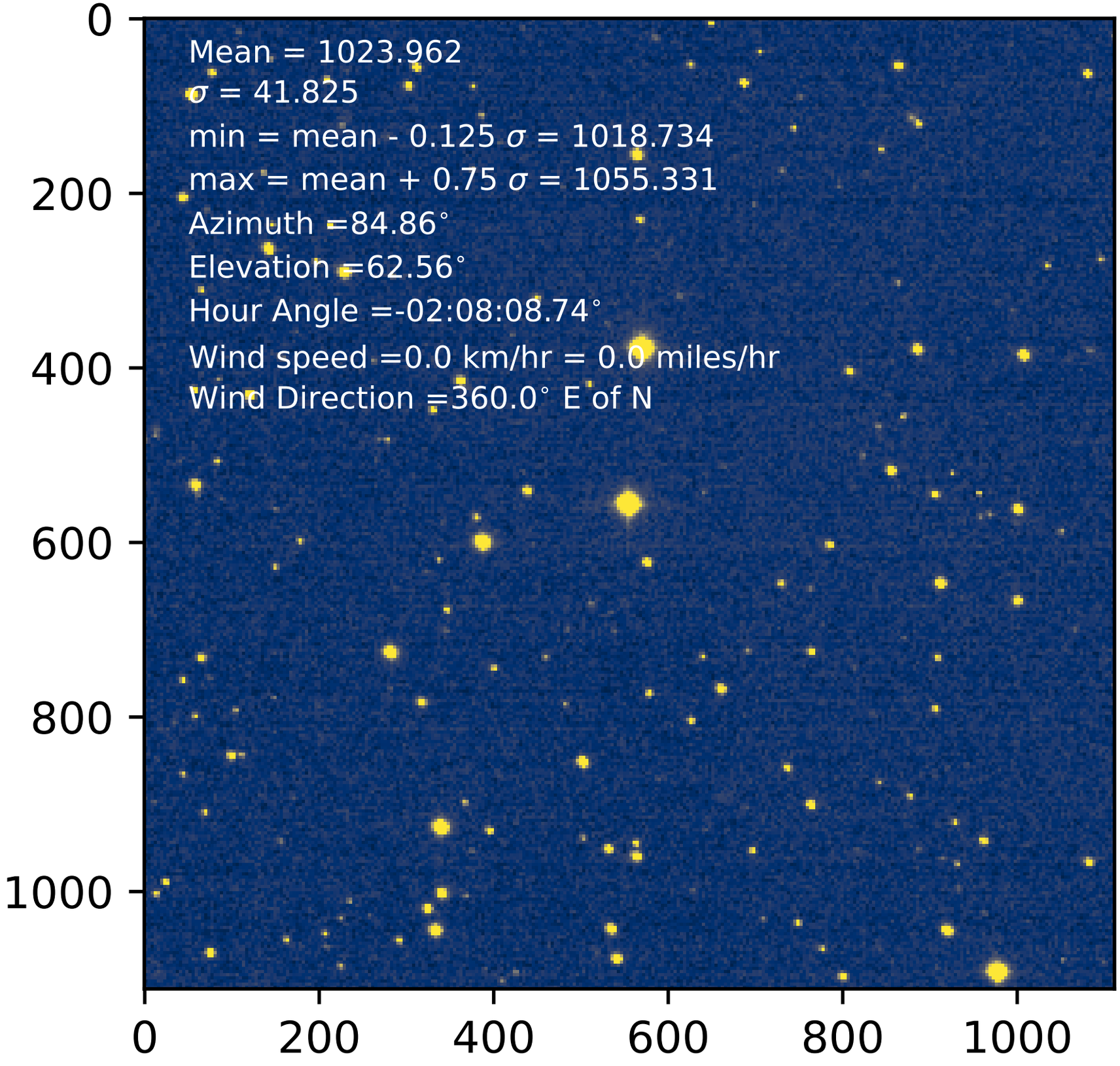

Mean = 1023.168
σ = 42.576
min = mean - 0.125 σ = 1017.846
max = mean + 0.75 σ = 1055.1
Azimuth =84.51°
Elevation =61.79°
Hour Angle =-02:11:47.33°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

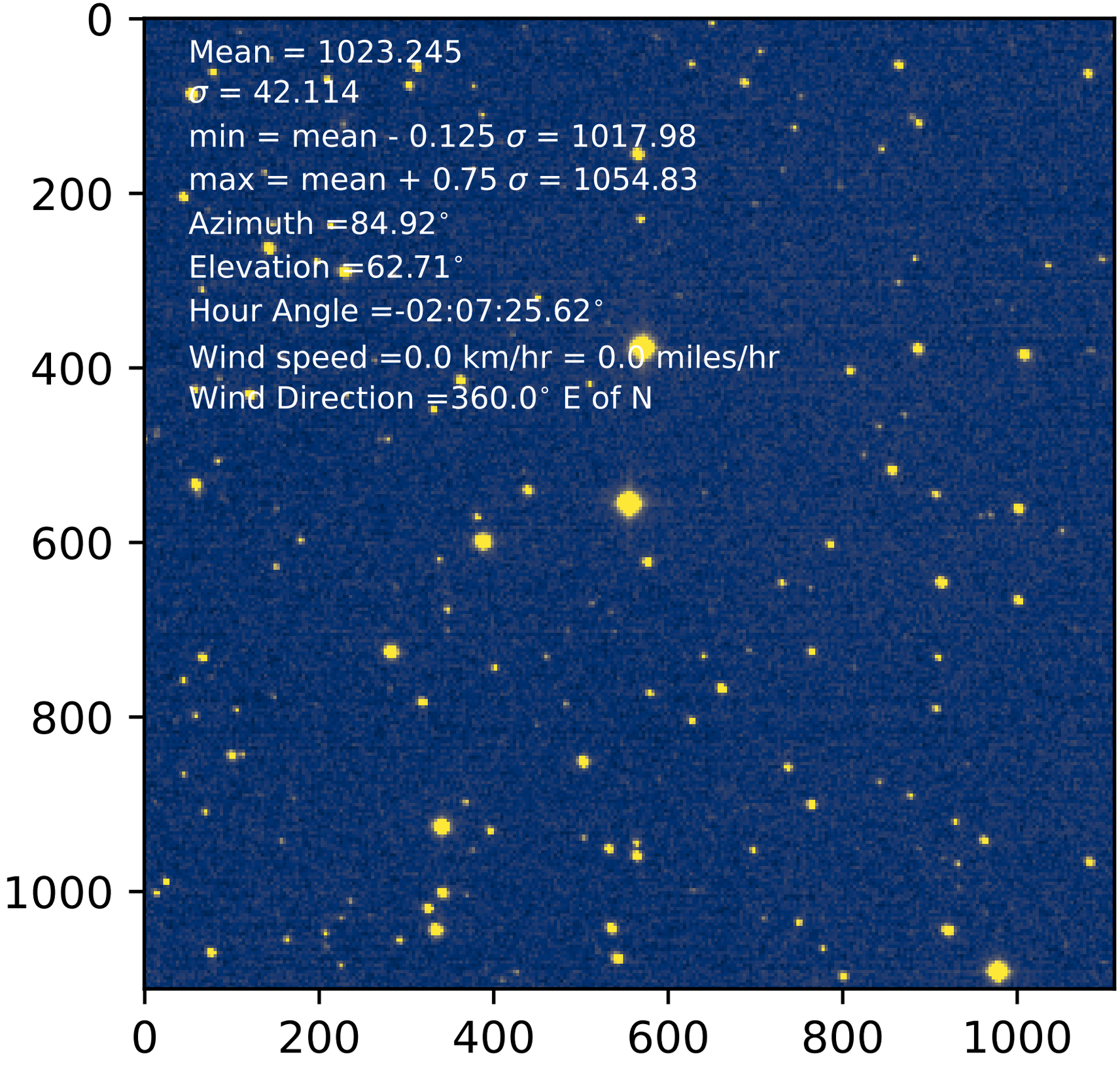

Mean = 1023.117
σ = 42.230
min = mean - 0.125 σ = 1017.838
max = mean + 0.75 σ = 1054.79
Azimuth =84.58°
Elevation =61.95°
Hour Angle =-02:11:03.21°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

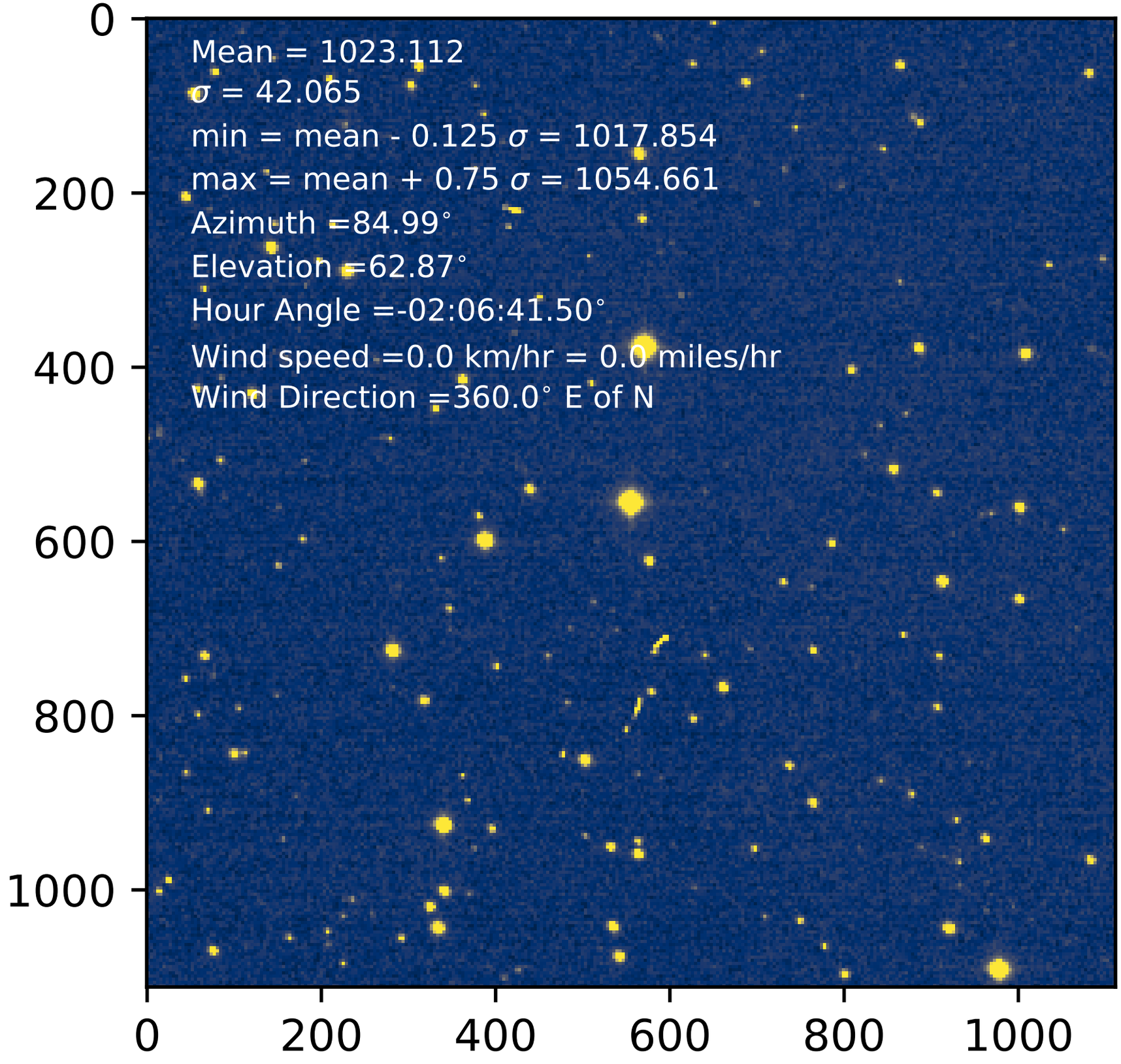

Mean = 1023.047
σ = 42.839
min = mean - 0.125 σ = 1017.692
max = mean + 0.75 σ = 1055.176
Azimuth =84.65°
Elevation =62.1°
Hour Angle =-02:10:20.09°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

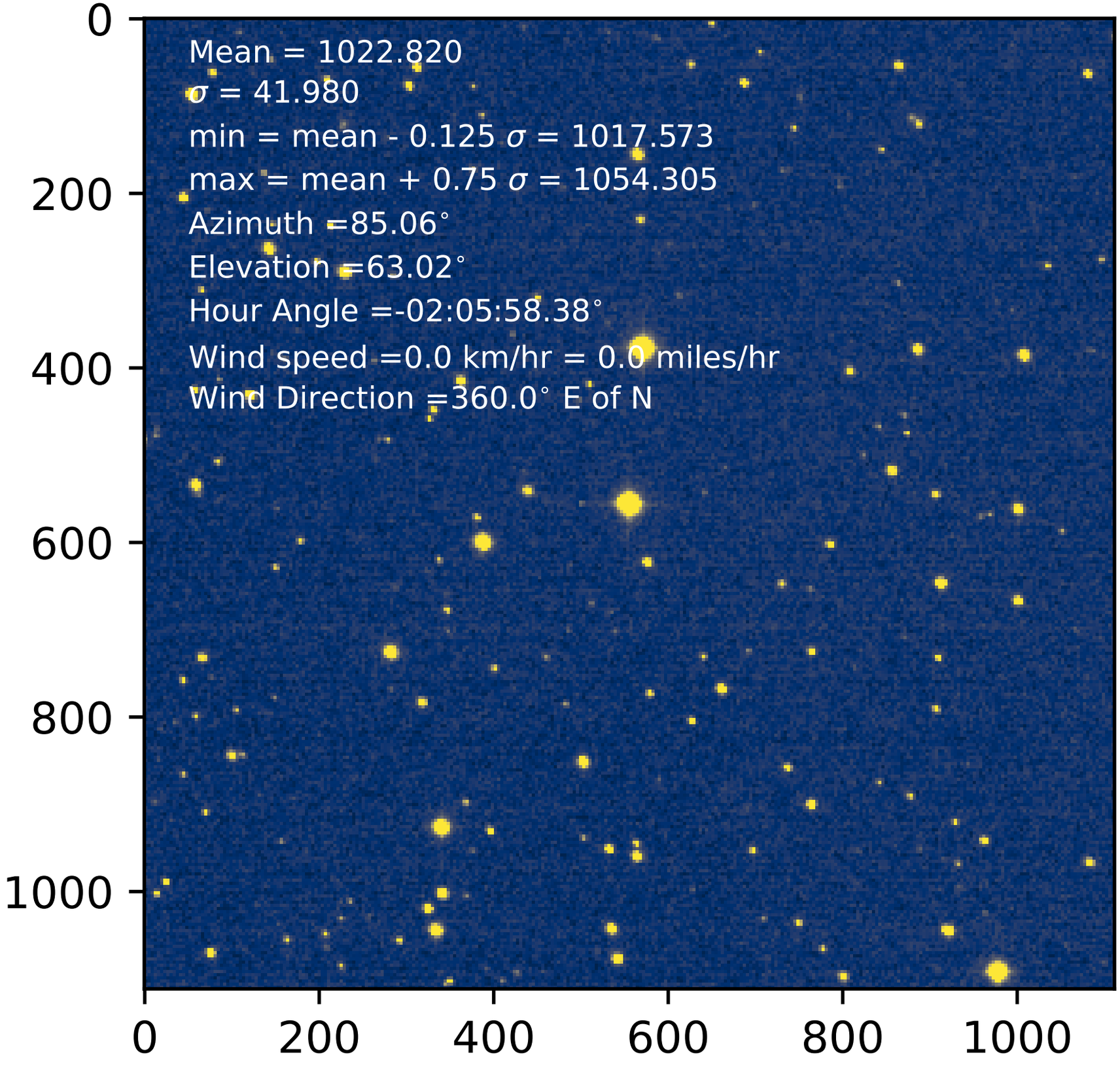

Mean = 1023.026
σ = 42.377
min = mean - 0.125 σ = 1017.729
max = mean + 0.75 σ = 1054.809
Azimuth =84.72°
Elevation =62.25°
Hour Angle =-02:09:35.97°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

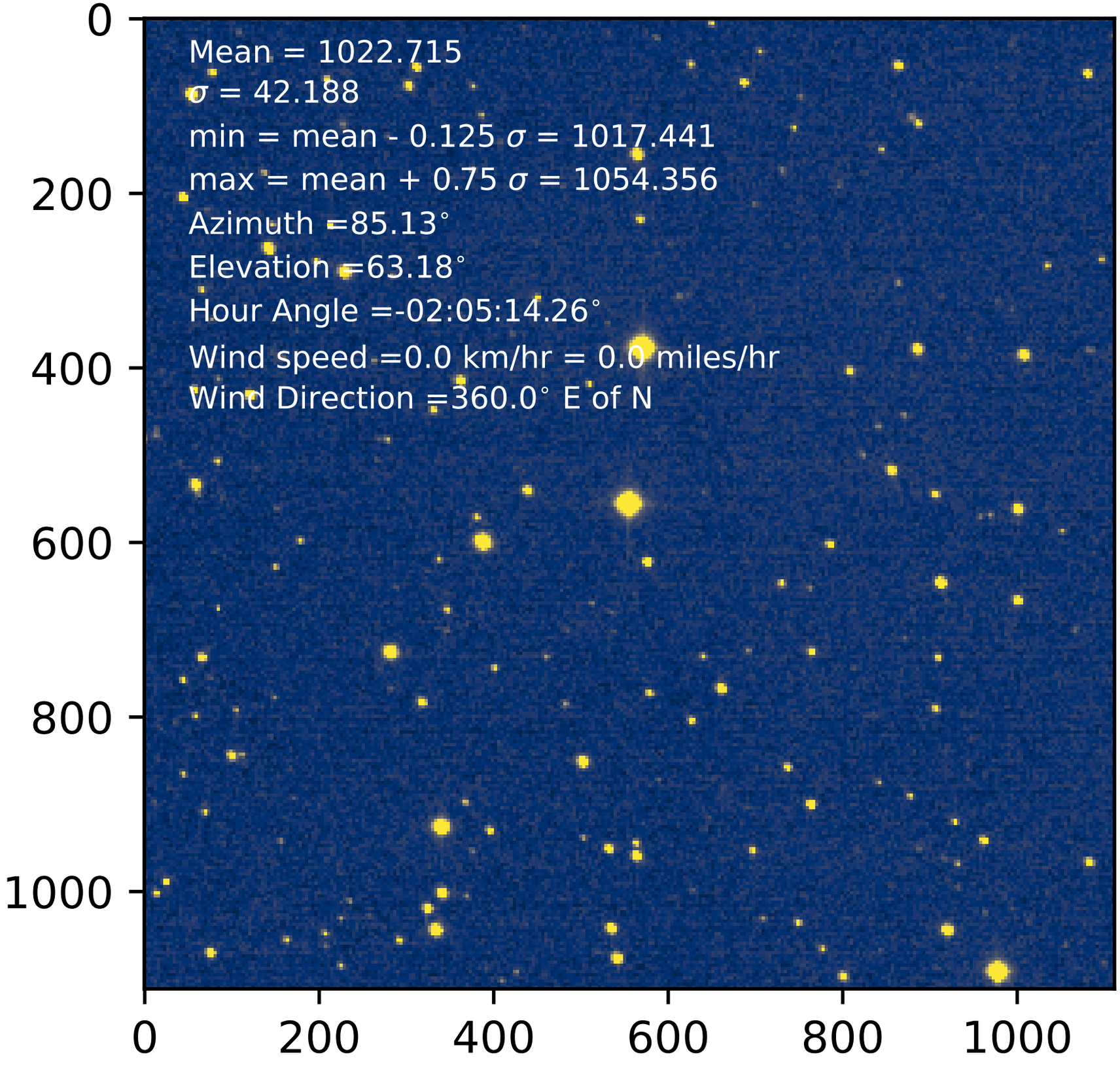

Mean = 1023.358
σ = 42.300
min = mean - 0.125 σ = 1018.071
max = mean + 0.75 σ = 1055.083
Azimuth =84.79°
Elevation =62.41°
Hour Angle =-02:08:52.86°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

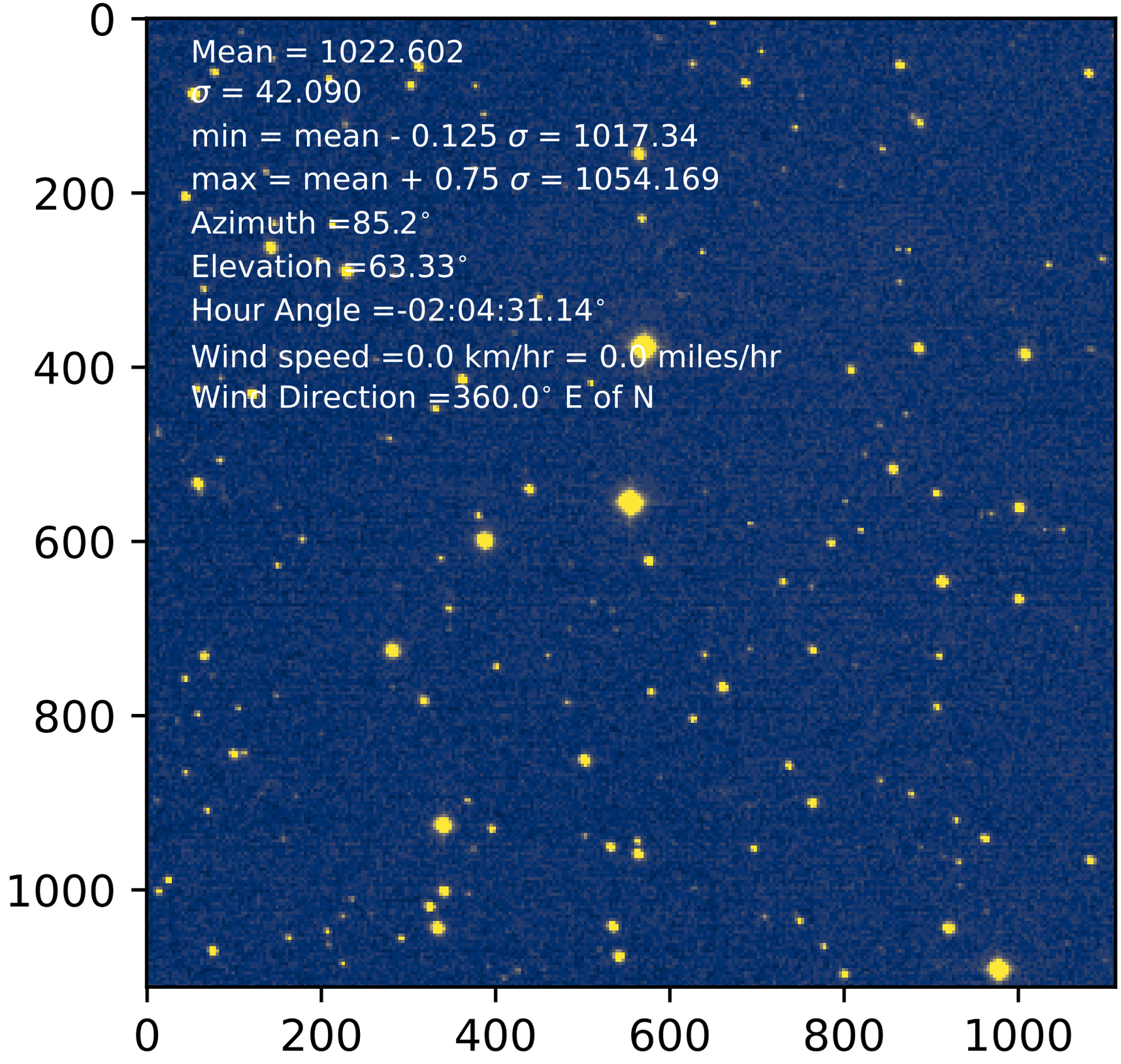

Mean = 1023.962
σ = 41.825
min = mean - 0.125 σ = 1018.734
max = mean + 0.75 σ = 1055.331
Azimuth =84.86°
Elevation =62.56°
Hour Angle =-02:08:08.74°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

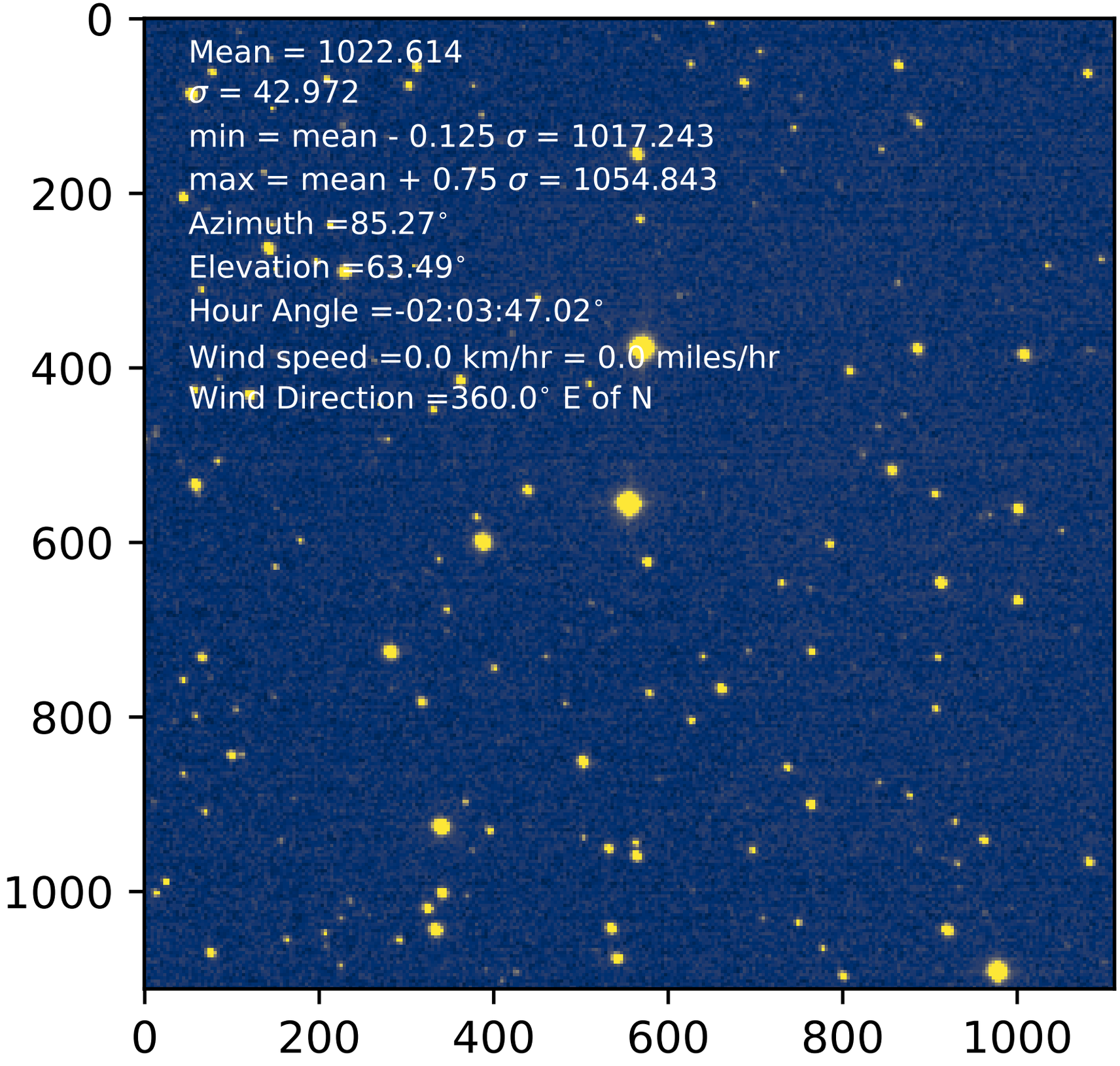

Mean = 1023.245
σ = 42.114
min = mean - 0.125 σ = 1017.98
max = mean + 0.75 σ = 1054.83
Azimuth =84.92°
Elevation =62.71°
Hour Angle =-02:07:25.62°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

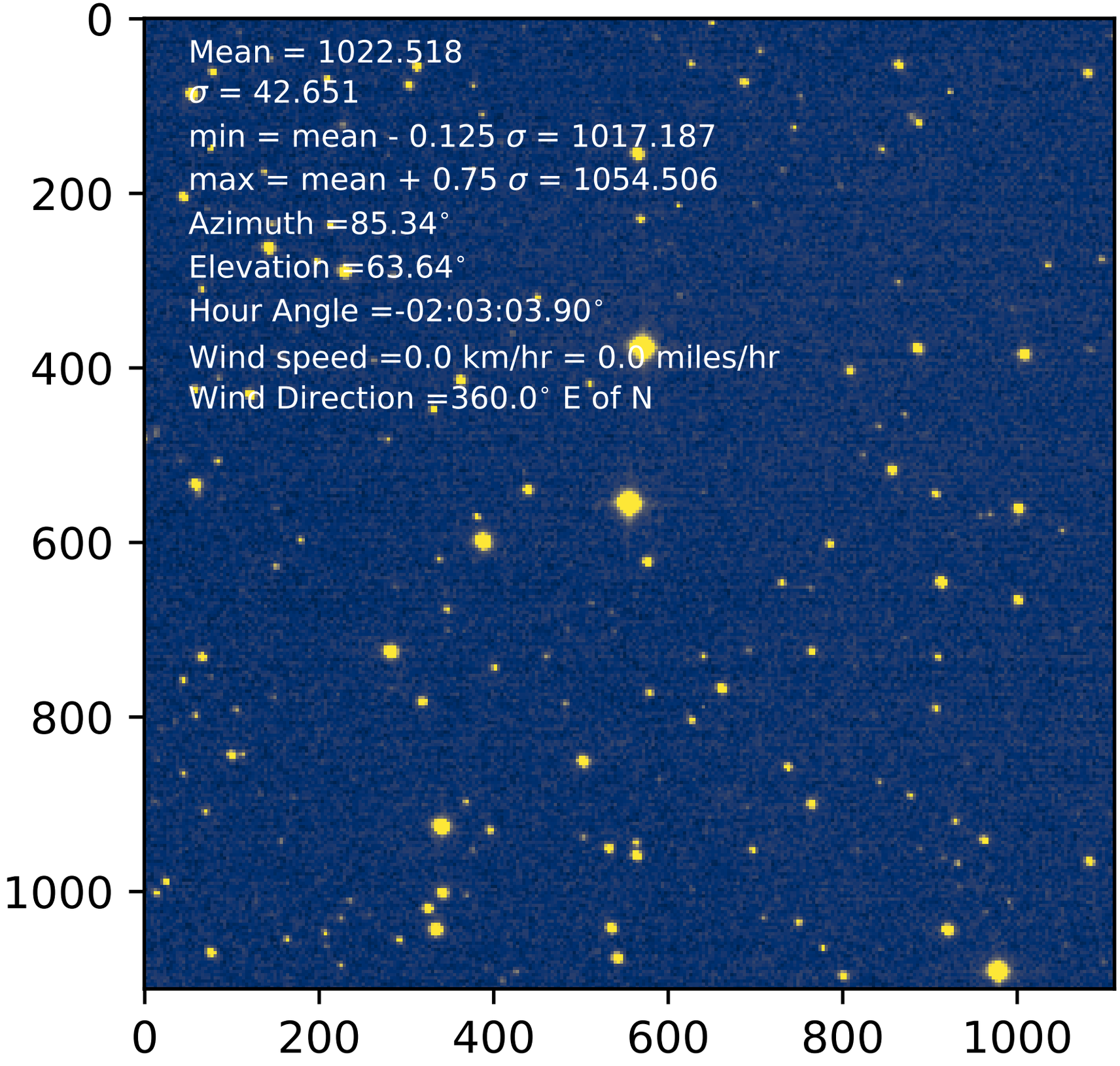

Mean = 1023.112
σ = 42.065
min = mean - 0.125 σ = 1017.854
max = mean + 0.75 σ = 1054.661
Azimuth =84.99°
Elevation =62.87°
Hour Angle =-02:06:41.50°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

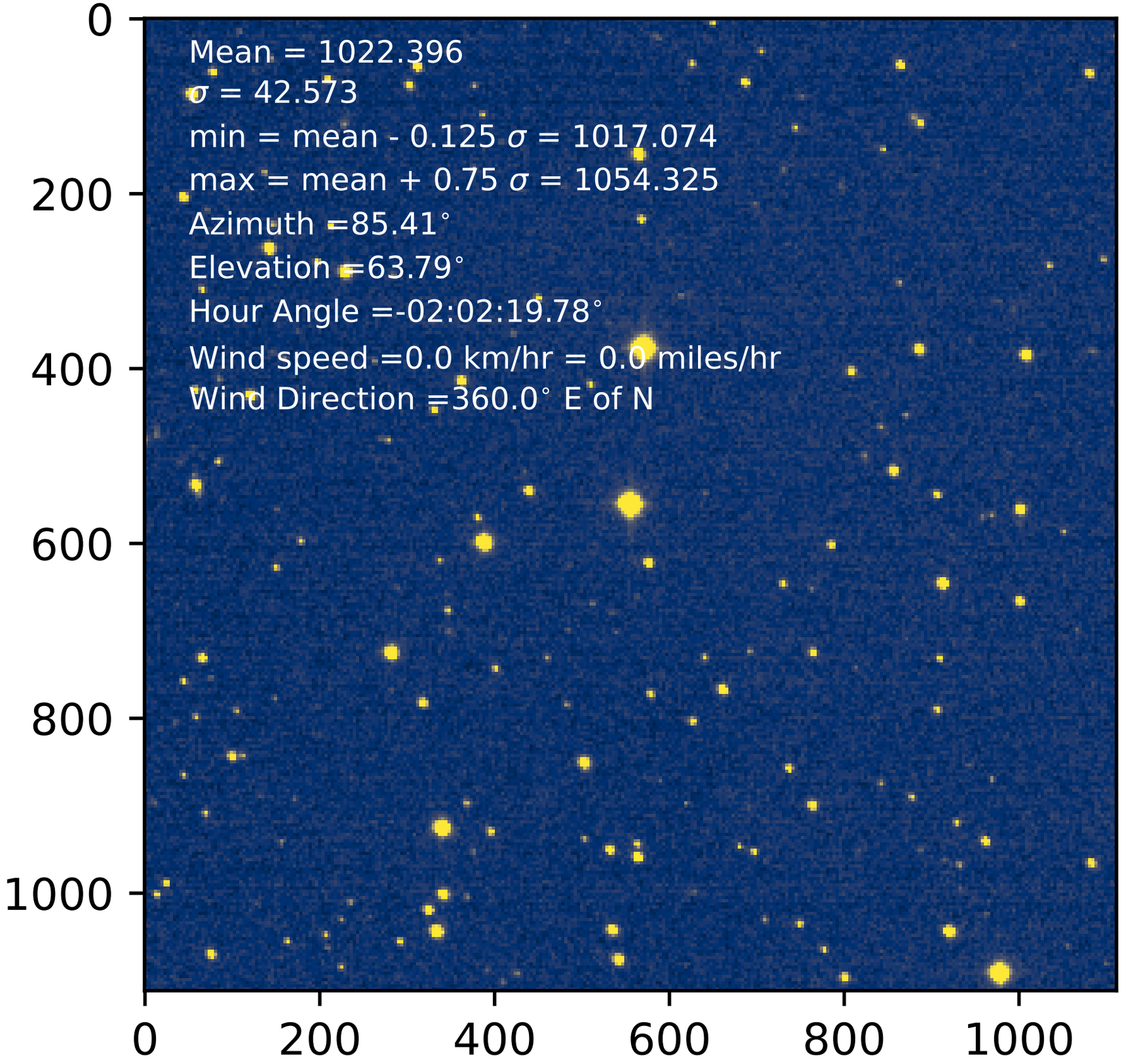

Mean = 1022.820
σ = 41.980
min = mean - 0.125 σ = 1017.573
max = mean + 0.75 σ = 1054.305
Azimuth =85.06°
Elevation =63.02°
Hour Angle =-02:05:58.38°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

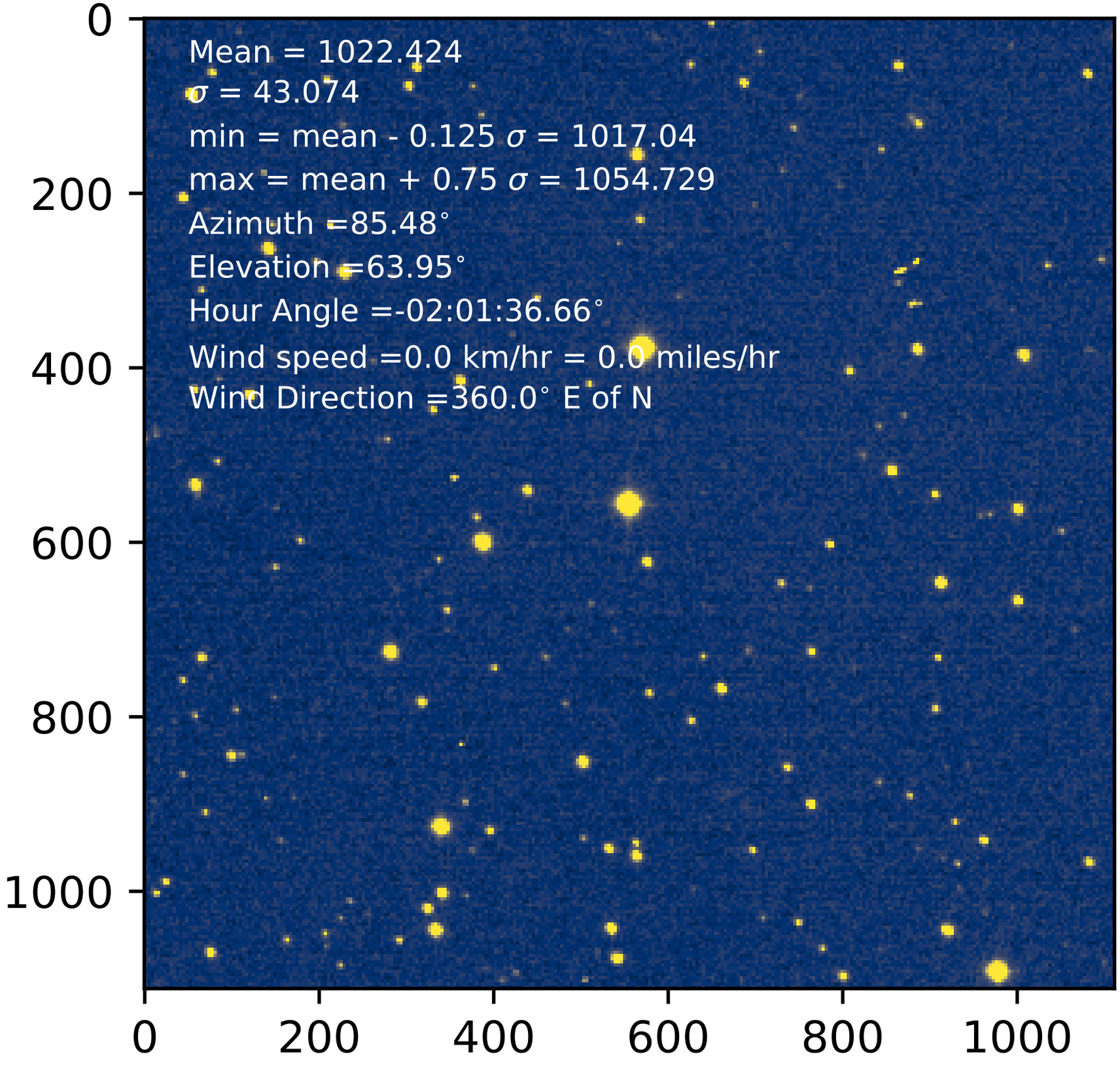

Mean = 1022.715
σ = 42.188
min = mean - 0.125 σ = 1017.441
max = mean + 0.75 σ = 1054.356
Azimuth =85.13°
Elevation =63.18°
Hour Angle =-02:05:14.26°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

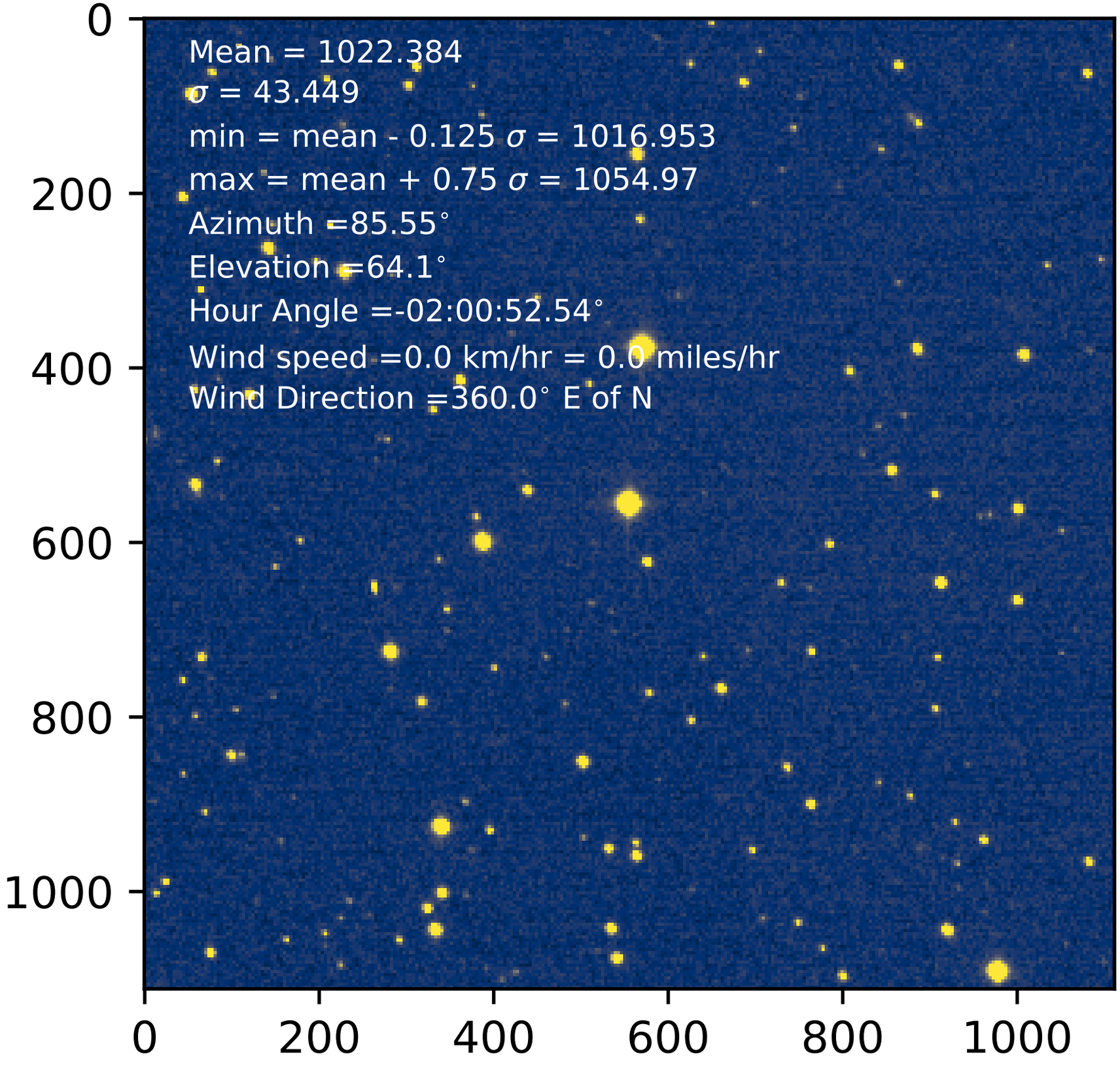

Mean = 1022.602
σ = 42.090
min = mean - 0.125 σ = 1017.34
max = mean + 0.75 σ = 1054.169
Azimuth =85.2°
Elevation =63.33°
Hour Angle =-02:04:31.14°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

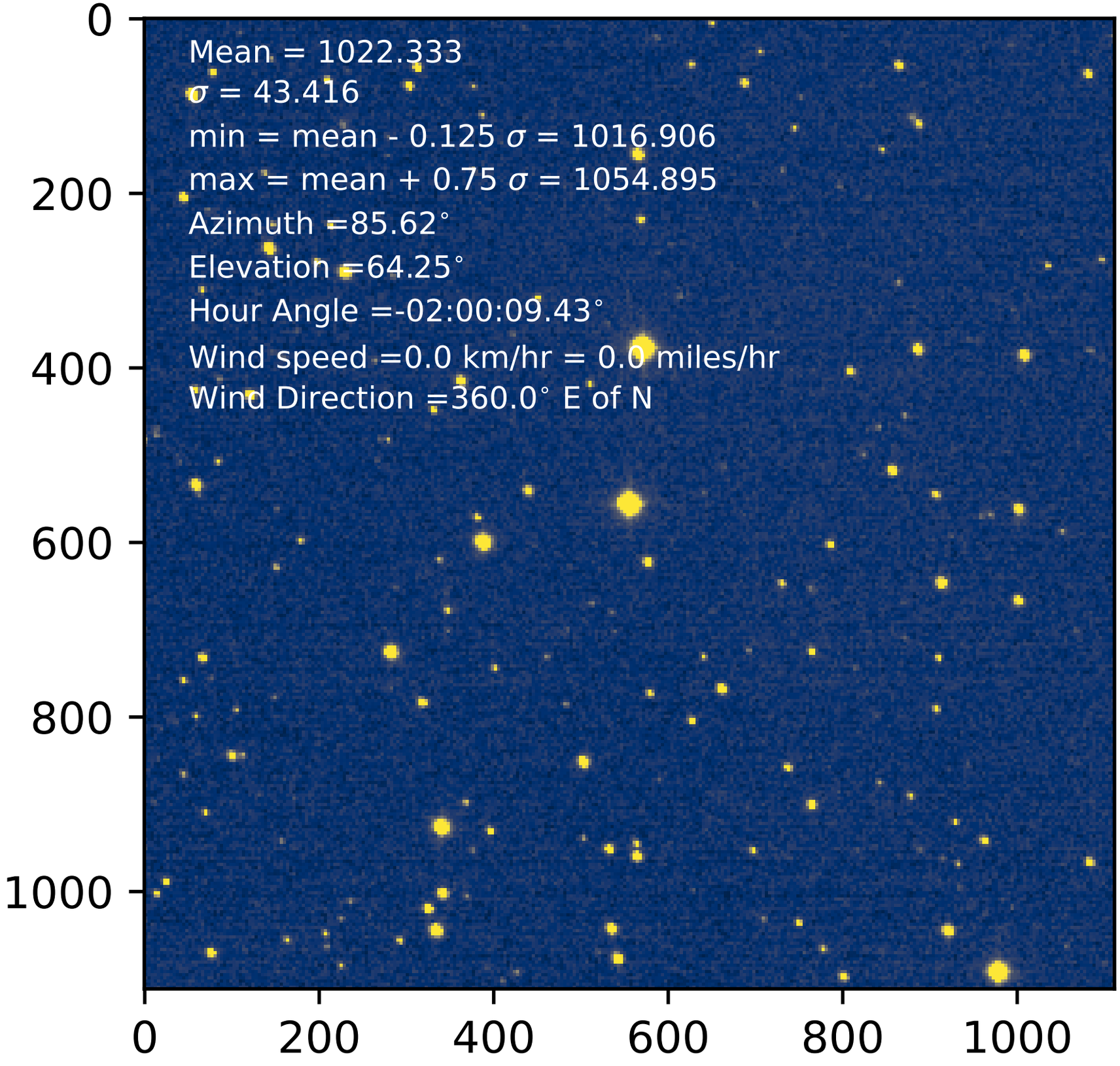

Mean = 1022.614
σ = 42.972
min = mean - 0.125 σ = 1017.243
max = mean + 0.75 σ = 1054.843
Azimuth =85.27°
Elevation =63.49°
Hour Angle =-02:03:47.02°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

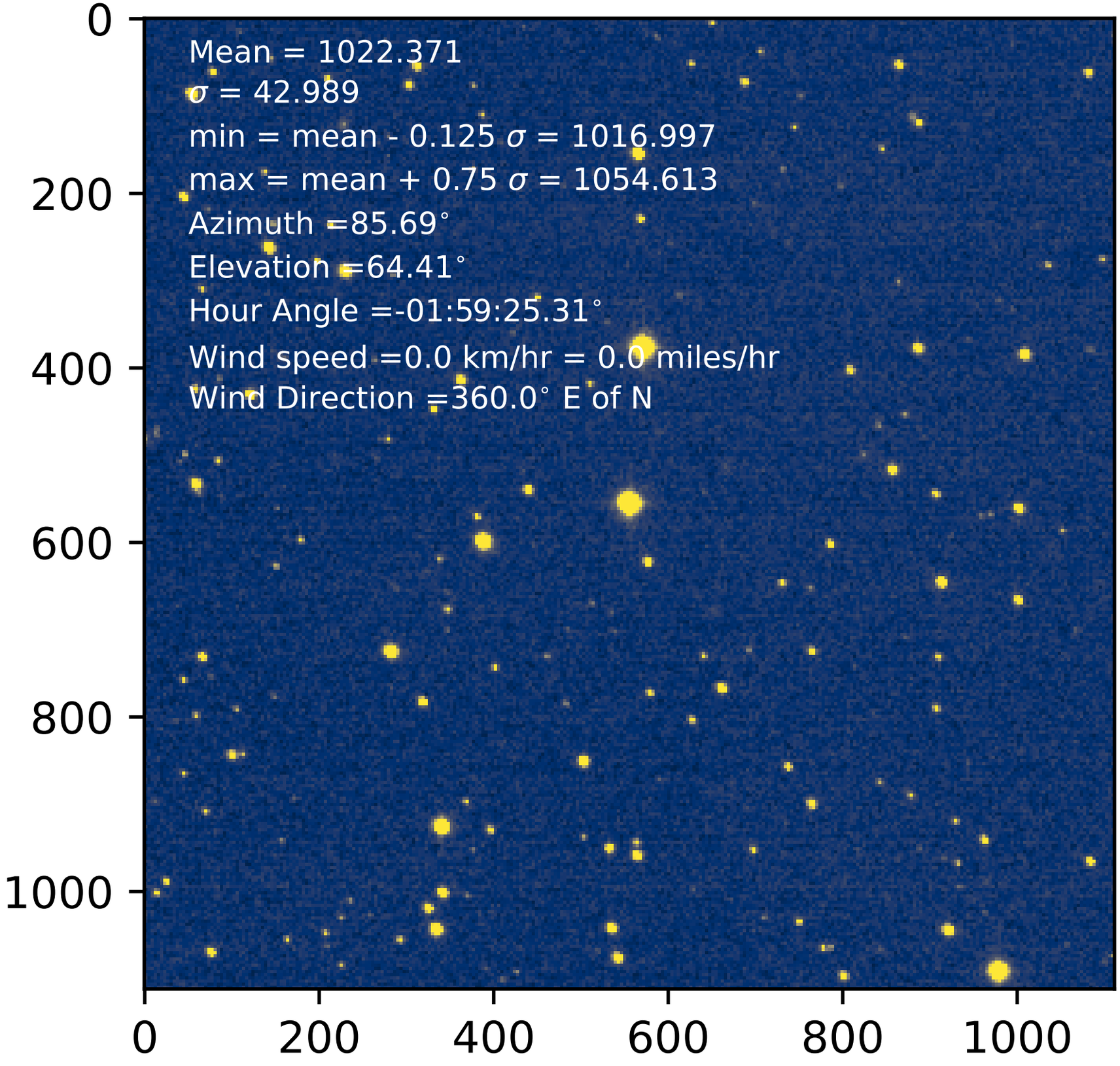

Mean = 1022.518
σ = 42.651
min = mean - 0.125 σ = 1017.187
max = mean + 0.75 σ = 1054.506
Azimuth =85.34°
Elevation =63.64°
Hour Angle =-02:03:03.90°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

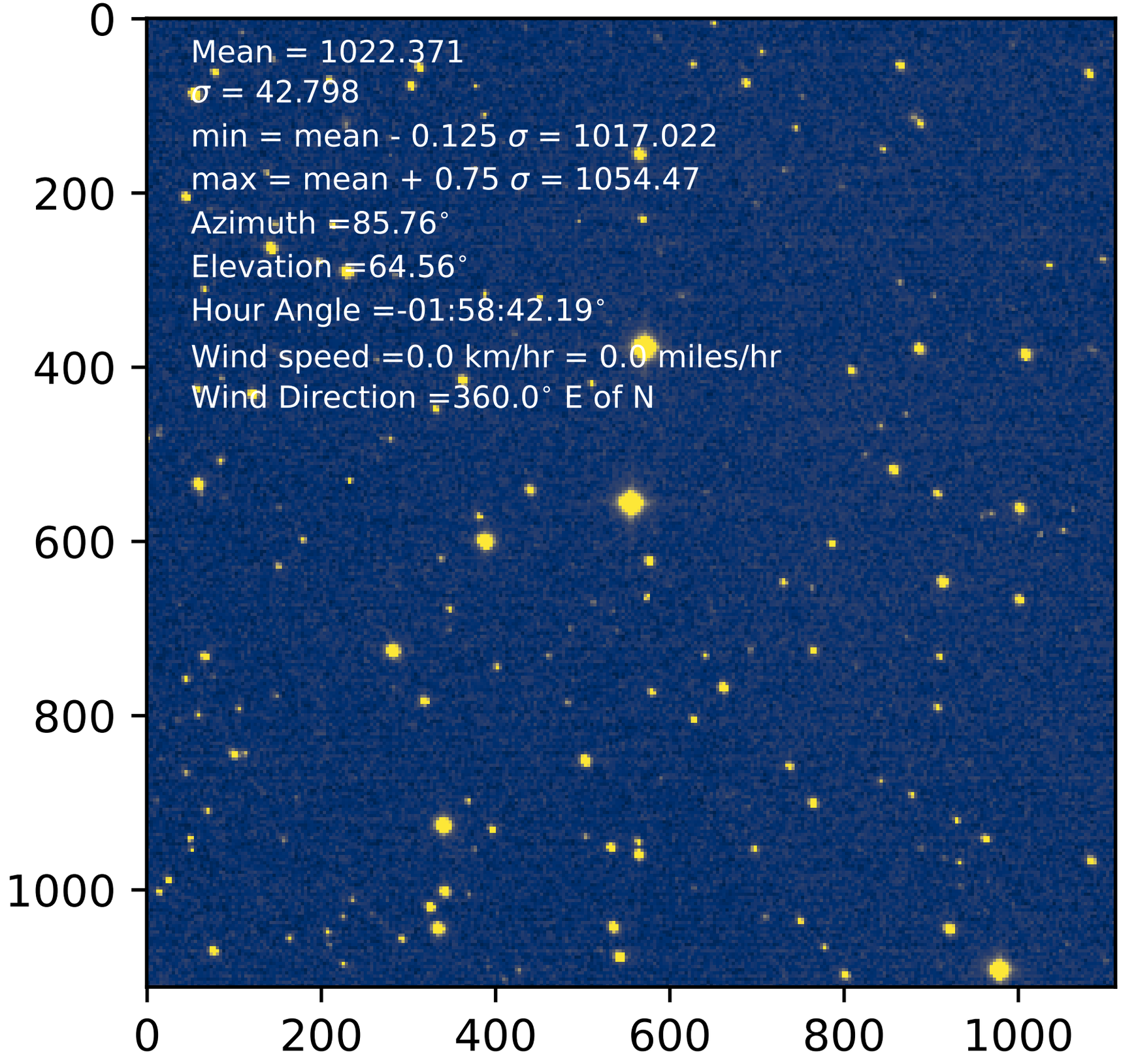

Mean = 1022.396
σ = 42.573
min = mean - 0.125 σ = 1017.074
max = mean + 0.75 σ = 1054.325
Azimuth =85.41°
Elevation =63.79°
Hour Angle =-02:02:19.78°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

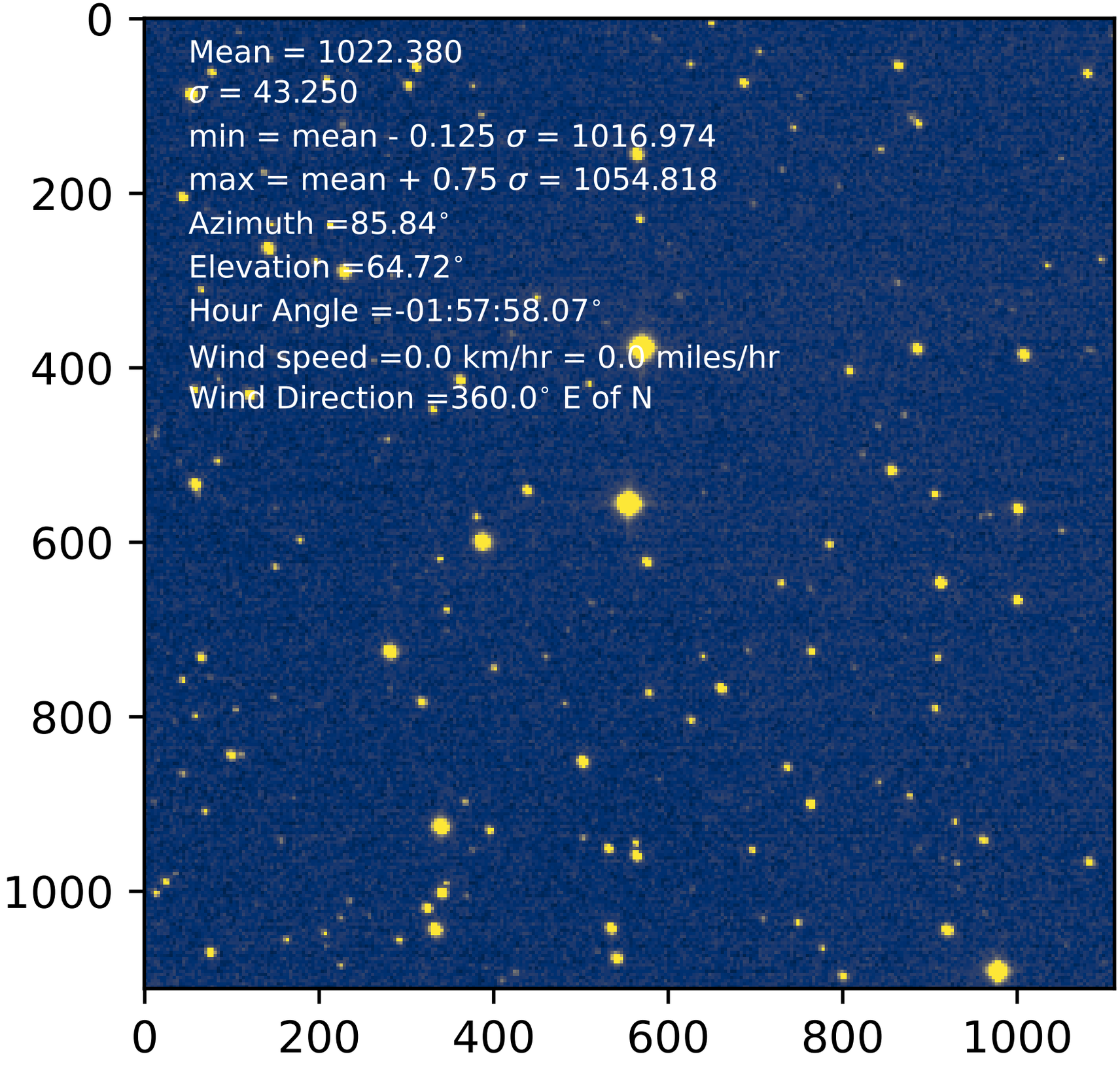

Mean = 1022.424
σ = 43.074
min = mean - 0.125 σ = 1017.04
max = mean + 0.75 σ = 1054.729
Azimuth =85.48°
Elevation =63.95°
Hour Angle =-02:01:36.66°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

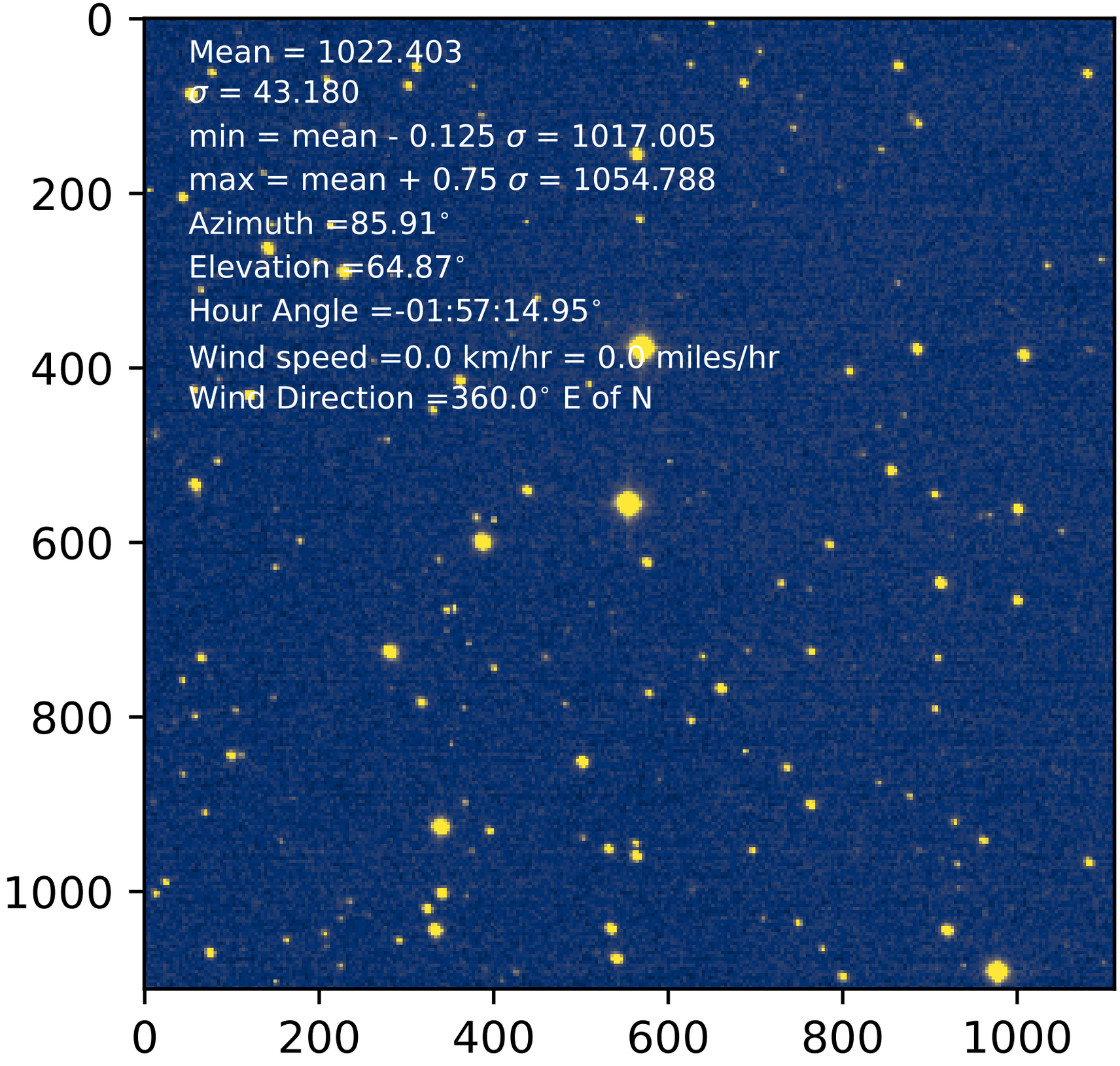

Mean = 1022.384
σ = 43.449
min = mean - 0.125 σ = 1016.953
max = mean + 0.75 σ = 1054.97
Azimuth =85.55°
Elevation =64.1°
Hour Angle =-02:00:52.54°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

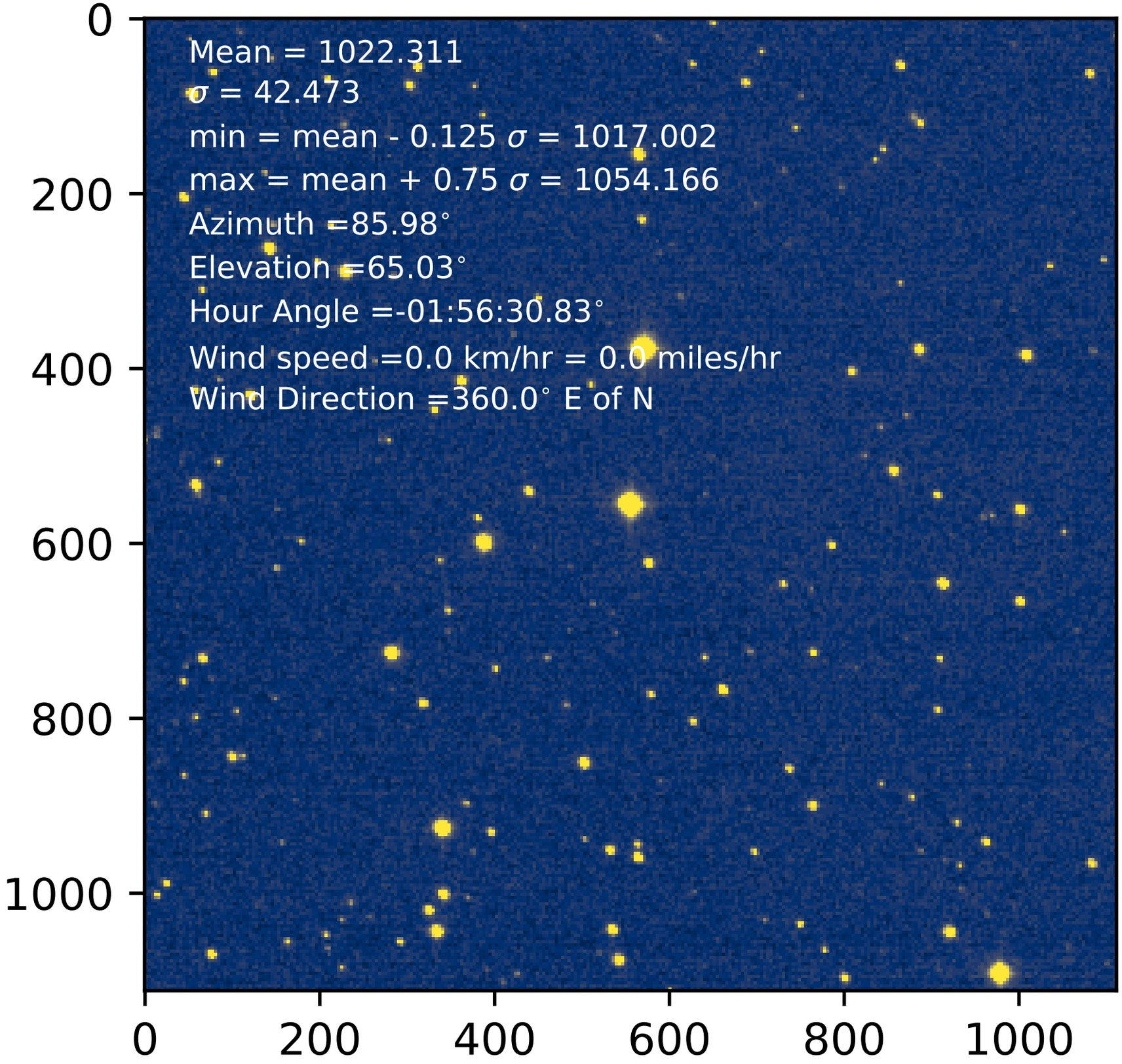

Mean = 1022.333
σ = 43.416
min = mean - 0.125 σ = 1016.906
max = mean + 0.75 σ = 1054.895
Azimuth =85.62°
Elevation =64.25°
Hour Angle =-02:00:09.43°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

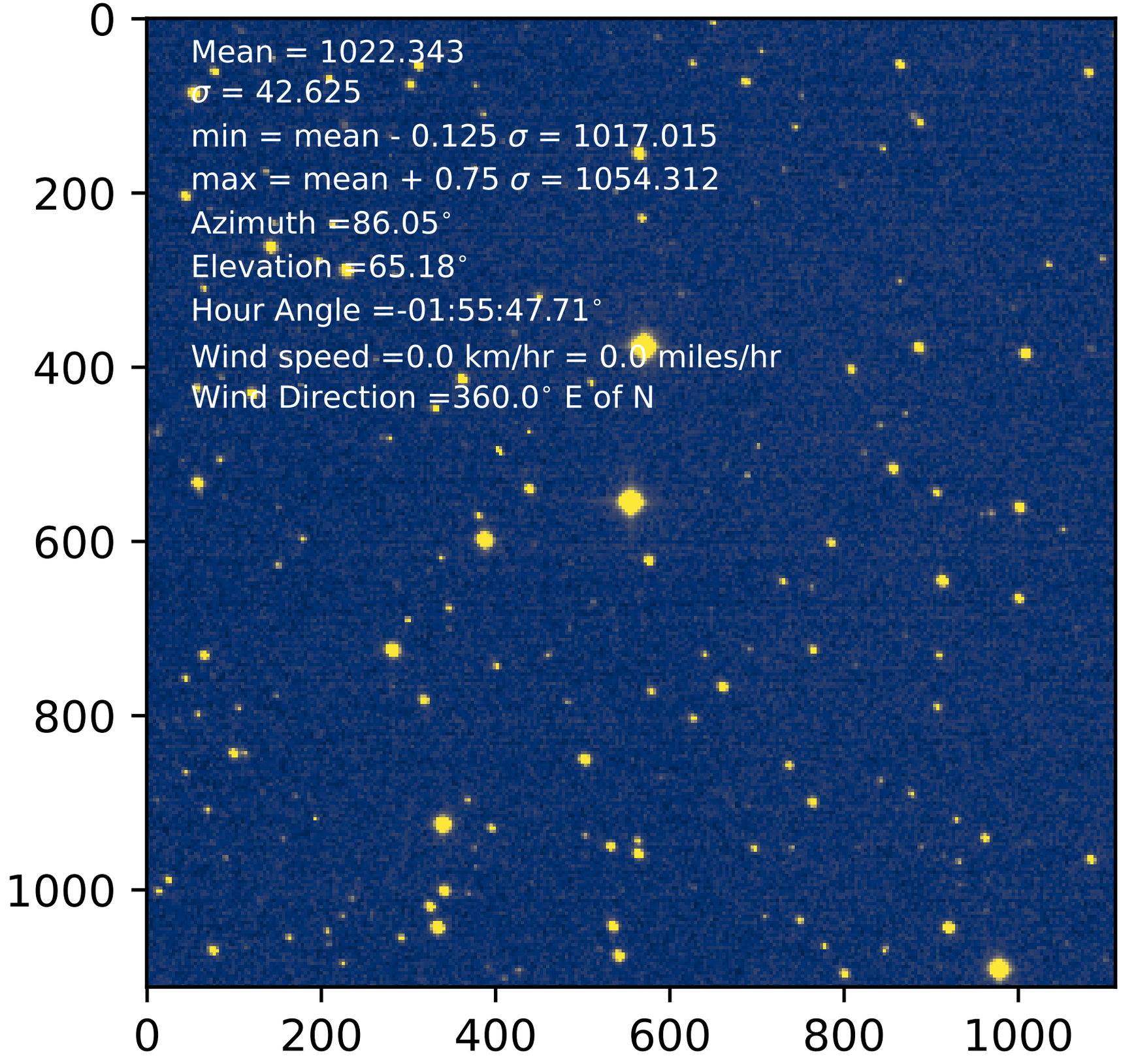

Mean = 1022.371
σ = 42.989
min = mean - 0.125 σ = 1016.997
max = mean + 0.75 σ = 1054.613
Azimuth =85.69°
Elevation =64.41°
Hour Angle =-01:59:25.31°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.371
σ = 42.798
min = mean - 0.125 σ = 1017.022
max = mean + 0.75 σ = 1054.47
Azimuth =85.76°
Elevation =64.56°
Hour Angle =-01:58:42.19°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.380
σ = 43.250
min = mean - 0.125 σ = 1016.974
max = mean + 0.75 σ = 1054.818
Azimuth =85.84°
Elevation =64.72°
Hour Angle =-01:57:58.07°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.403
σ = 43.180
min = mean - 0.125 σ = 1017.005
max = mean + 0.75 σ = 1054.788
Azimuth =85.91°
Elevation =64.87°
Hour Angle =-01:57:14.95°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.311
σ = 42.473
min = mean - 0.125 σ = 1017.002
max = mean + 0.75 σ = 1054.166
Azimuth =85.98°
Elevation =65.03°
Hour Angle =-01:56:30.83°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.343
σ = 42.625
min = mean - 0.125 σ = 1017.015
max = mean + 0.75 σ = 1054.312
Azimuth =86.05°
Elevation =65.18°
Hour Angle =-01:55:47.71°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
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800
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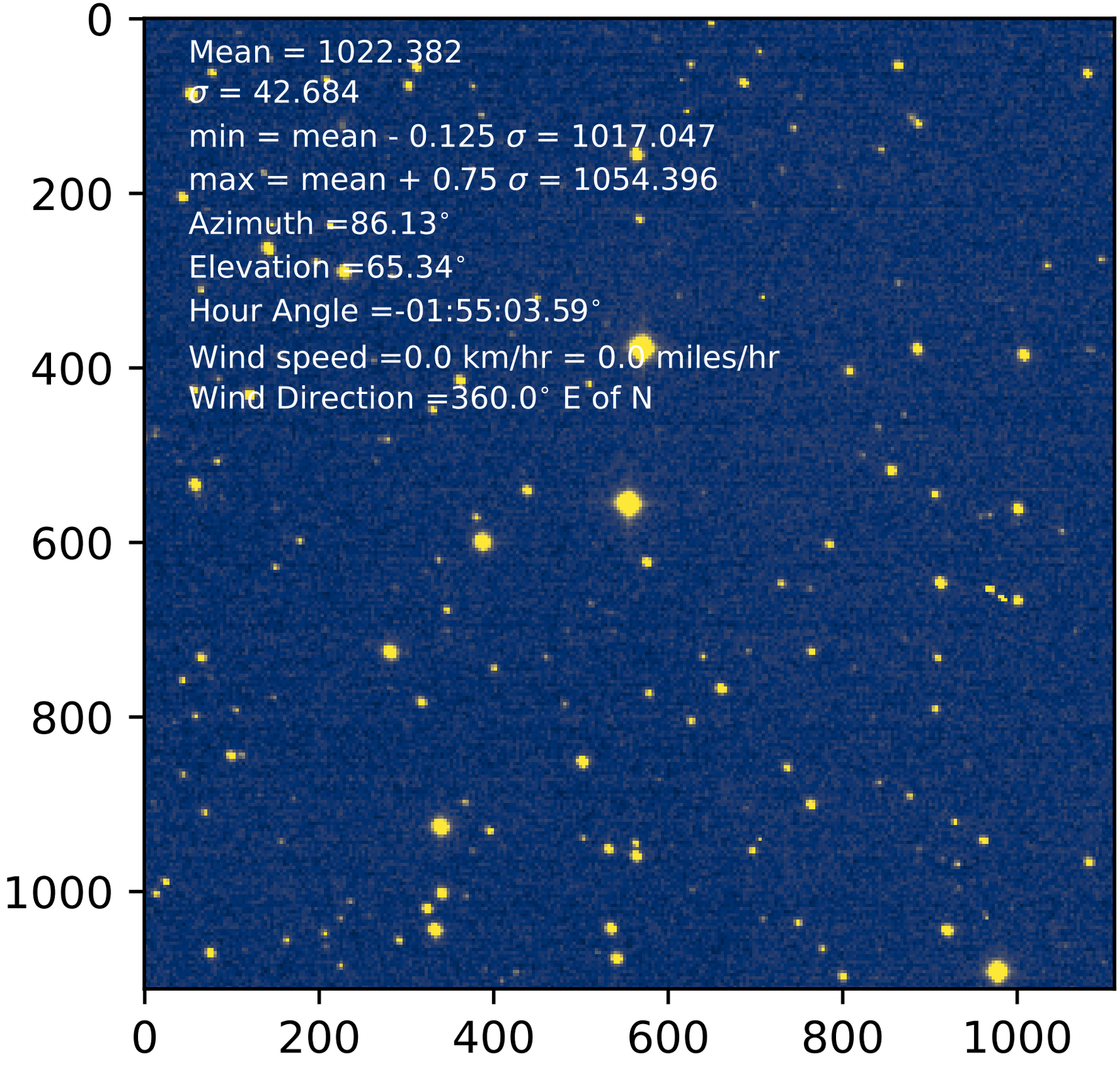
Mean = 1022.382
σ = 42.684
min = mean - 0.125 σ = 1017.047
max = mean + 0.75 σ = 1054.396
Azimuth =86.13°
Elevation =65.34°
Hour Angle =-01:55:03.59°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
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0
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400
600
800
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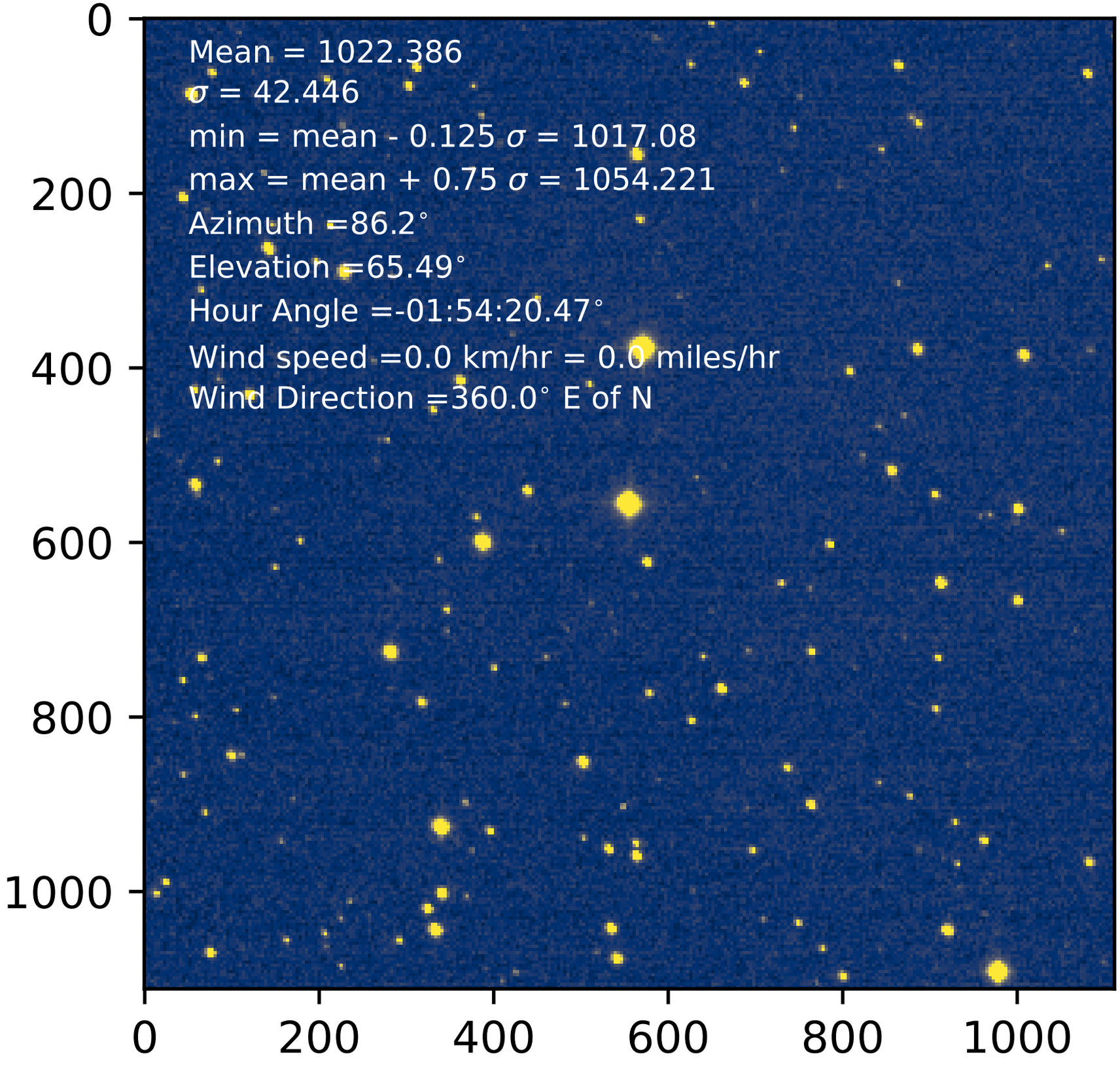
Mean = 1022.386
σ = 42.446
min = mean - 0.125 σ = 1017.08
max = mean + 0.75 σ = 1054.221
Azimuth =86.2°
Elevation =65.49°
Hour Angle =-01:54:20.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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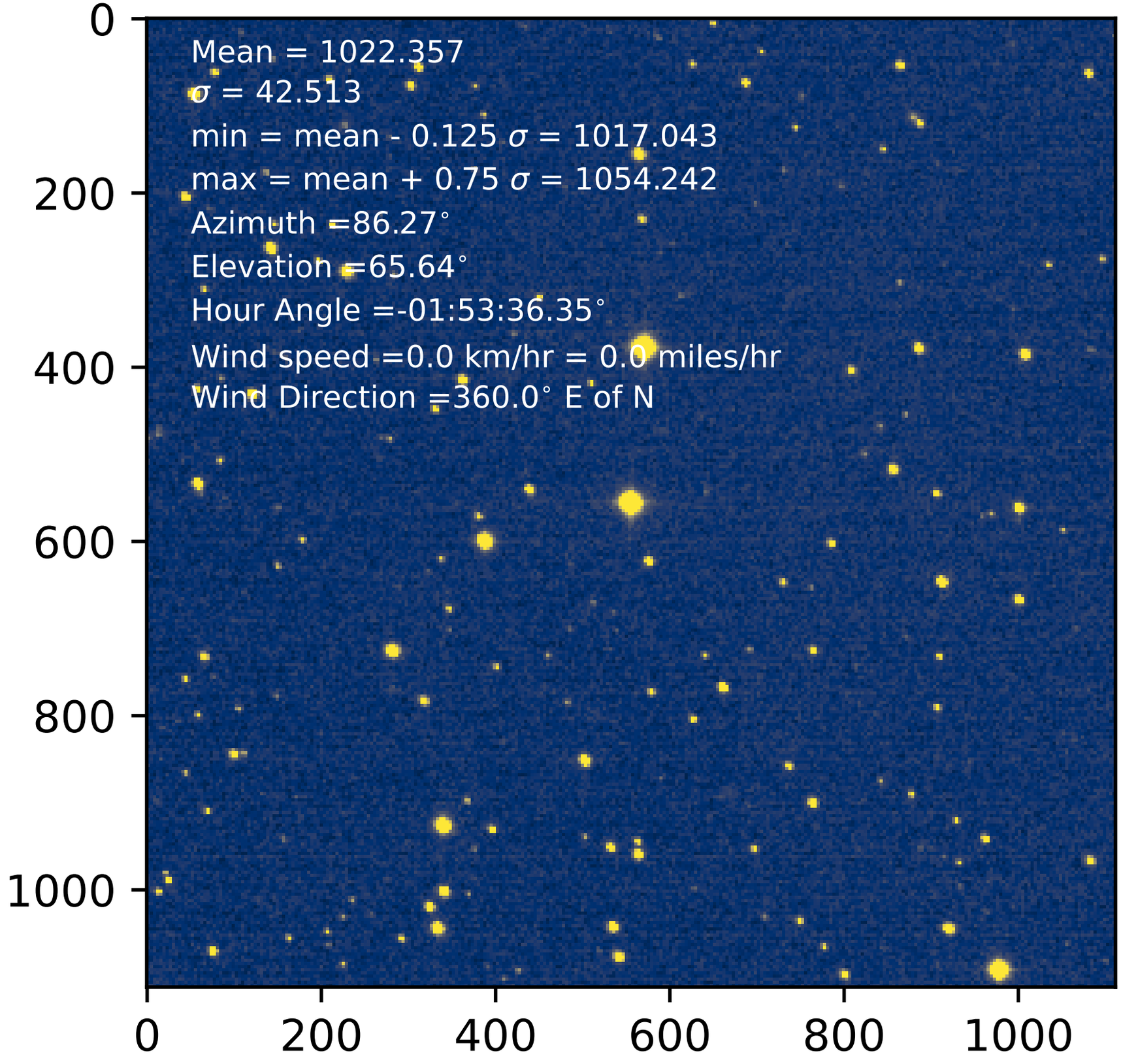
400
600
800
1000


Mean = 1022.357
σ = 42.513
min = mean - 0.125 σ = 1017.043
max = mean + 0.75 σ = 1054.242
Azimuth =86.27°
Elevation =65.64°
Hour Angle =-01:53:36.35°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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400
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800
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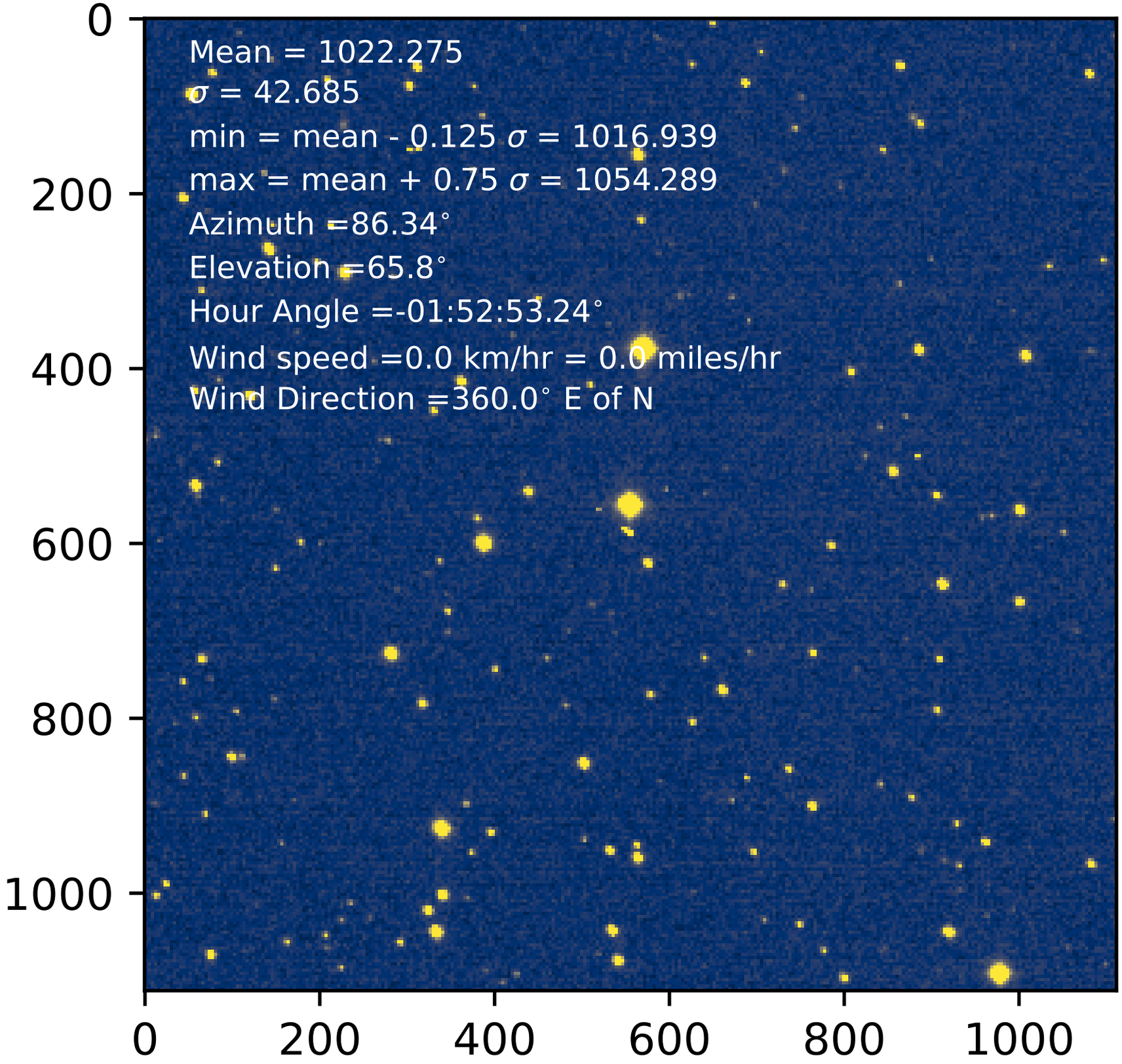
Mean = 1022.275
σ = 42.685
min = mean - 0.125 σ = 1016.939
max = mean + 0.75 σ = 1054.289
Azimuth =86.34°
Elevation =65.8°
Hour Angle =-01:52:53.24°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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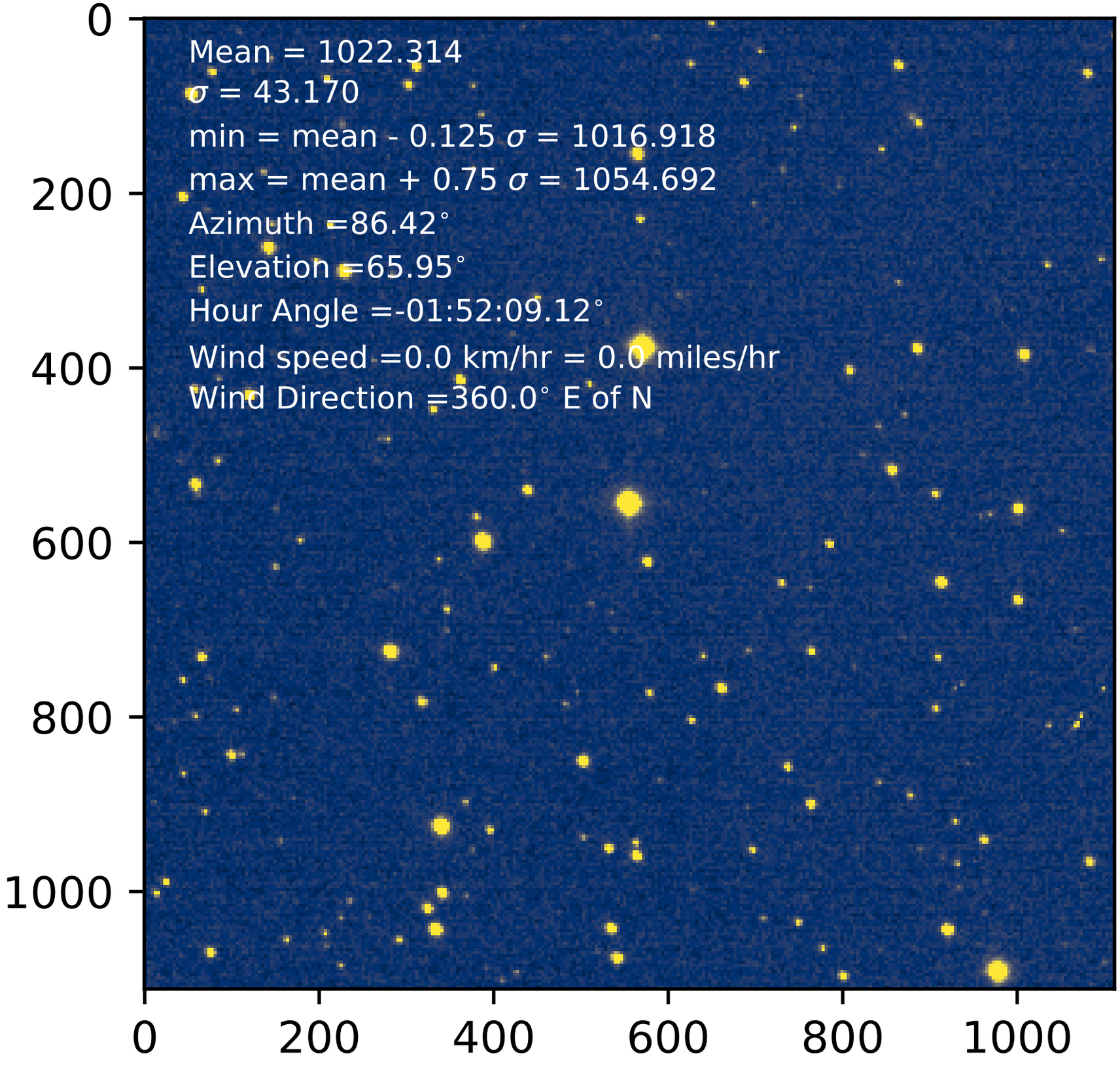
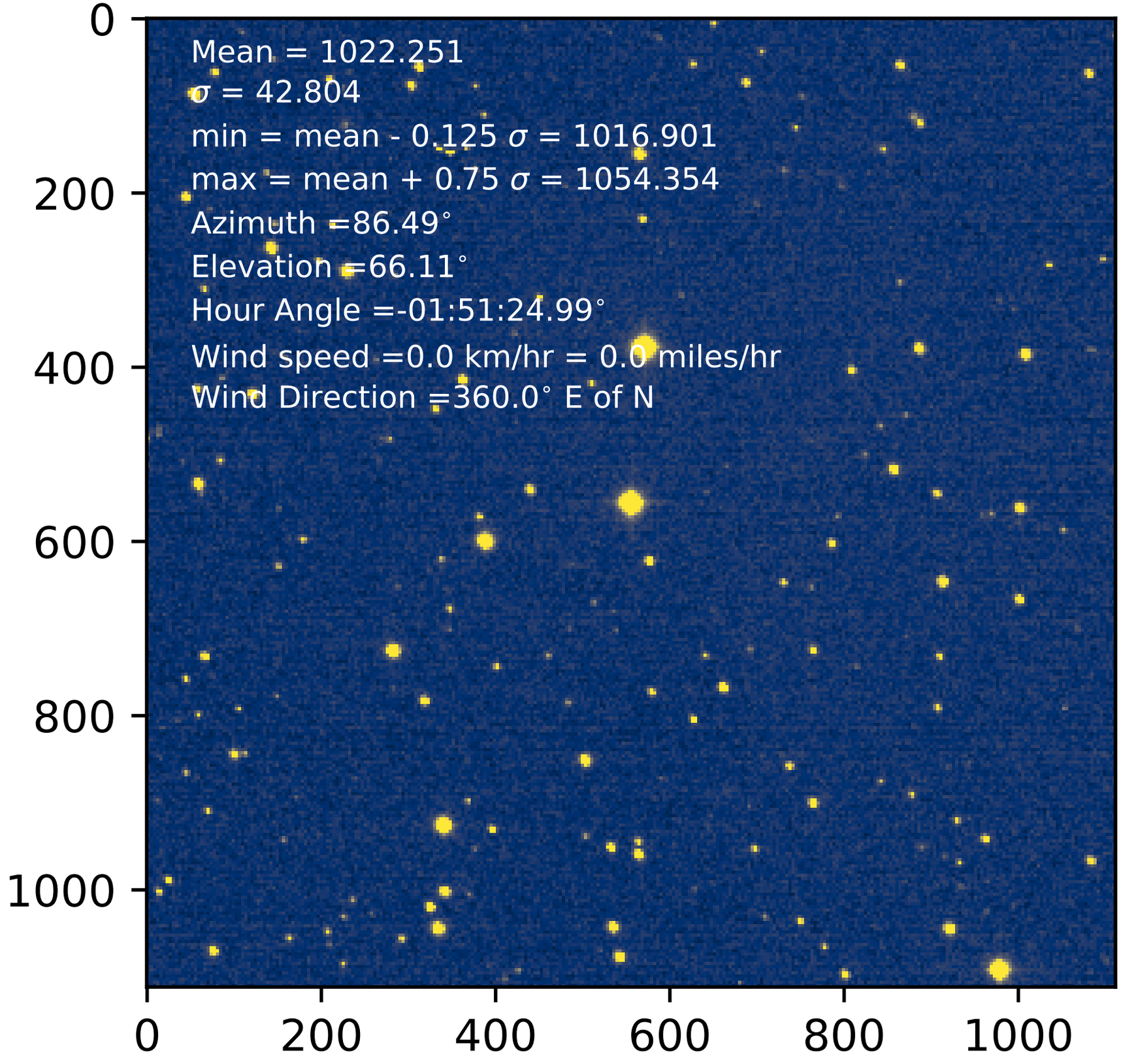
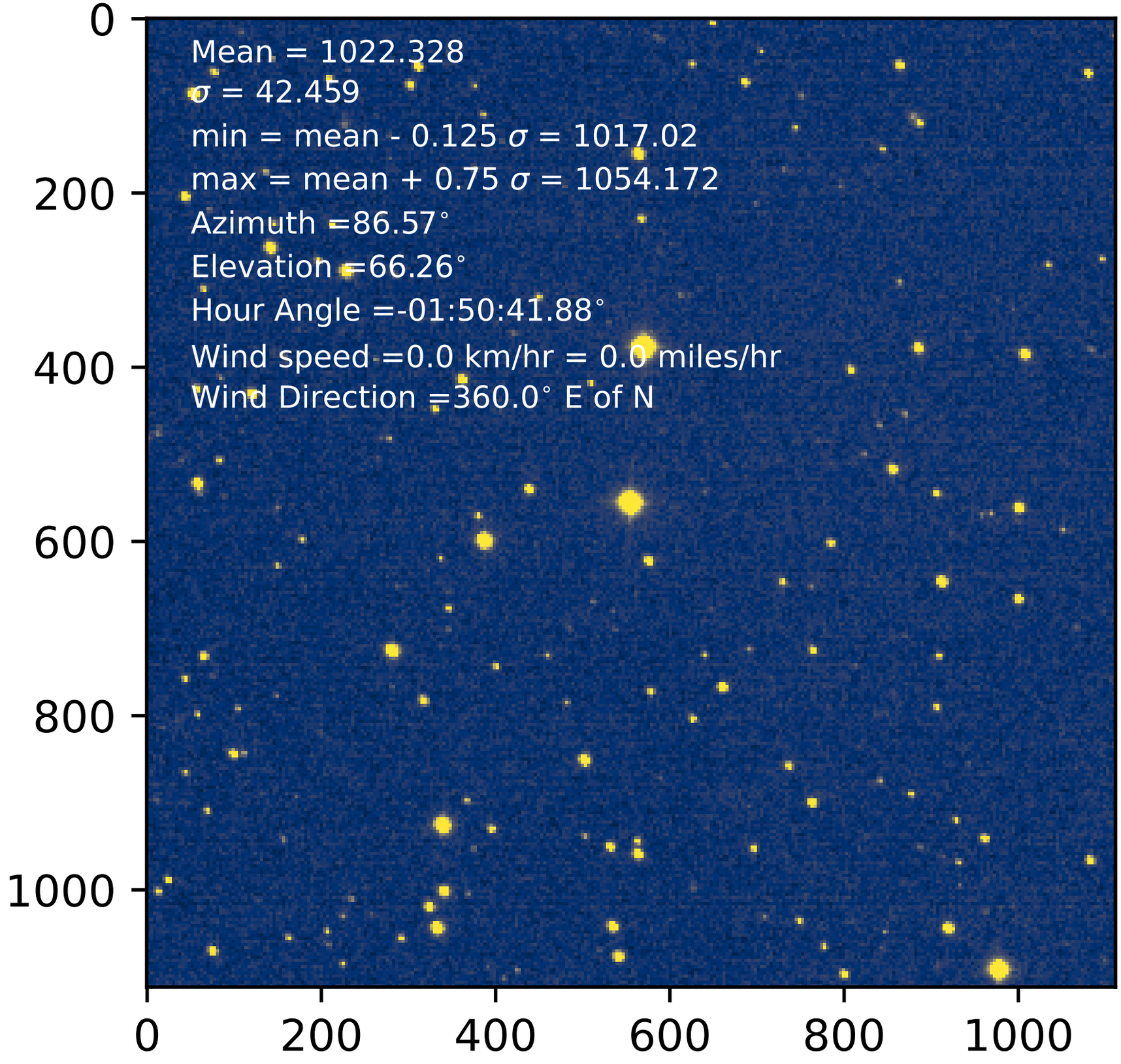
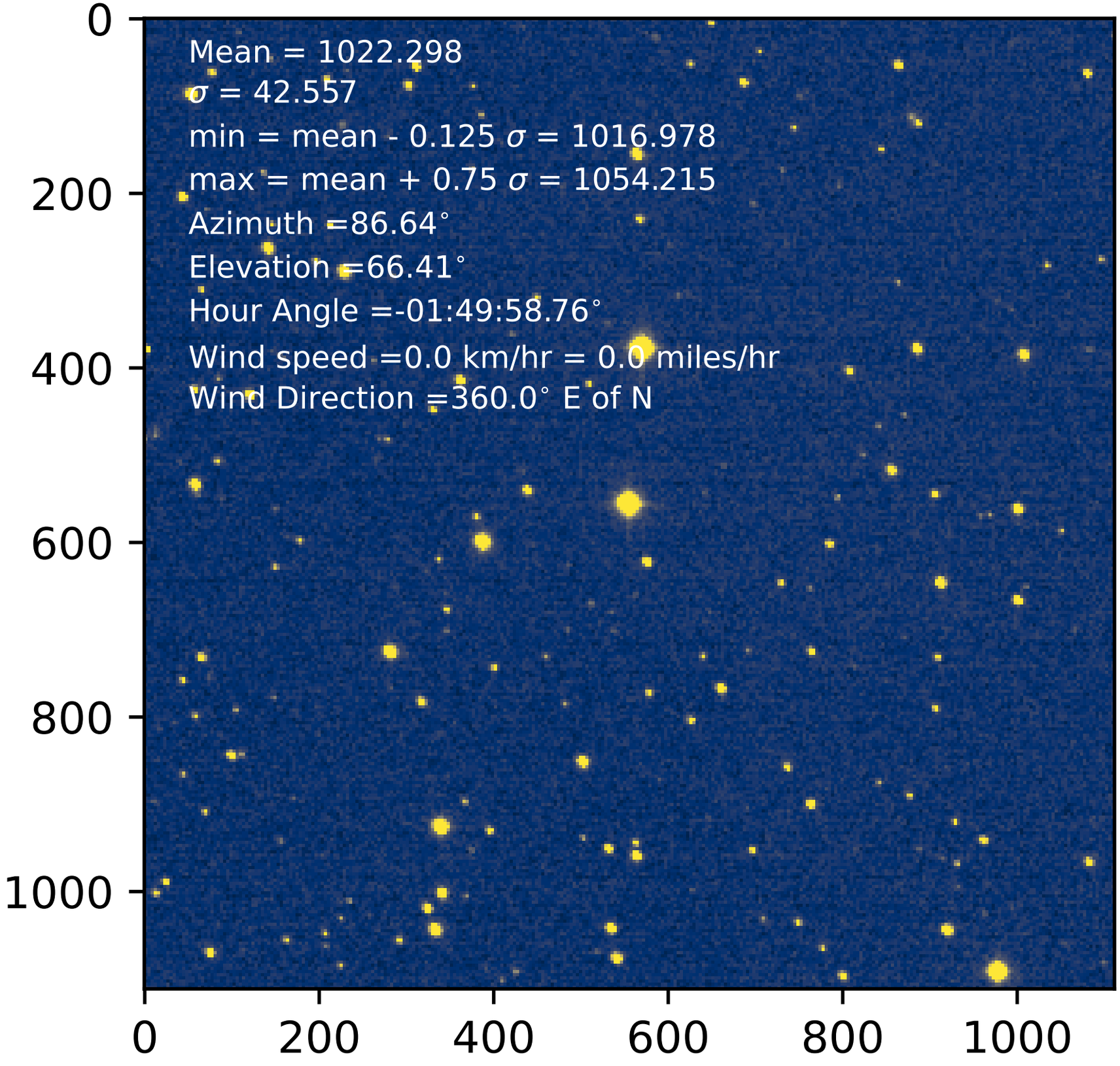
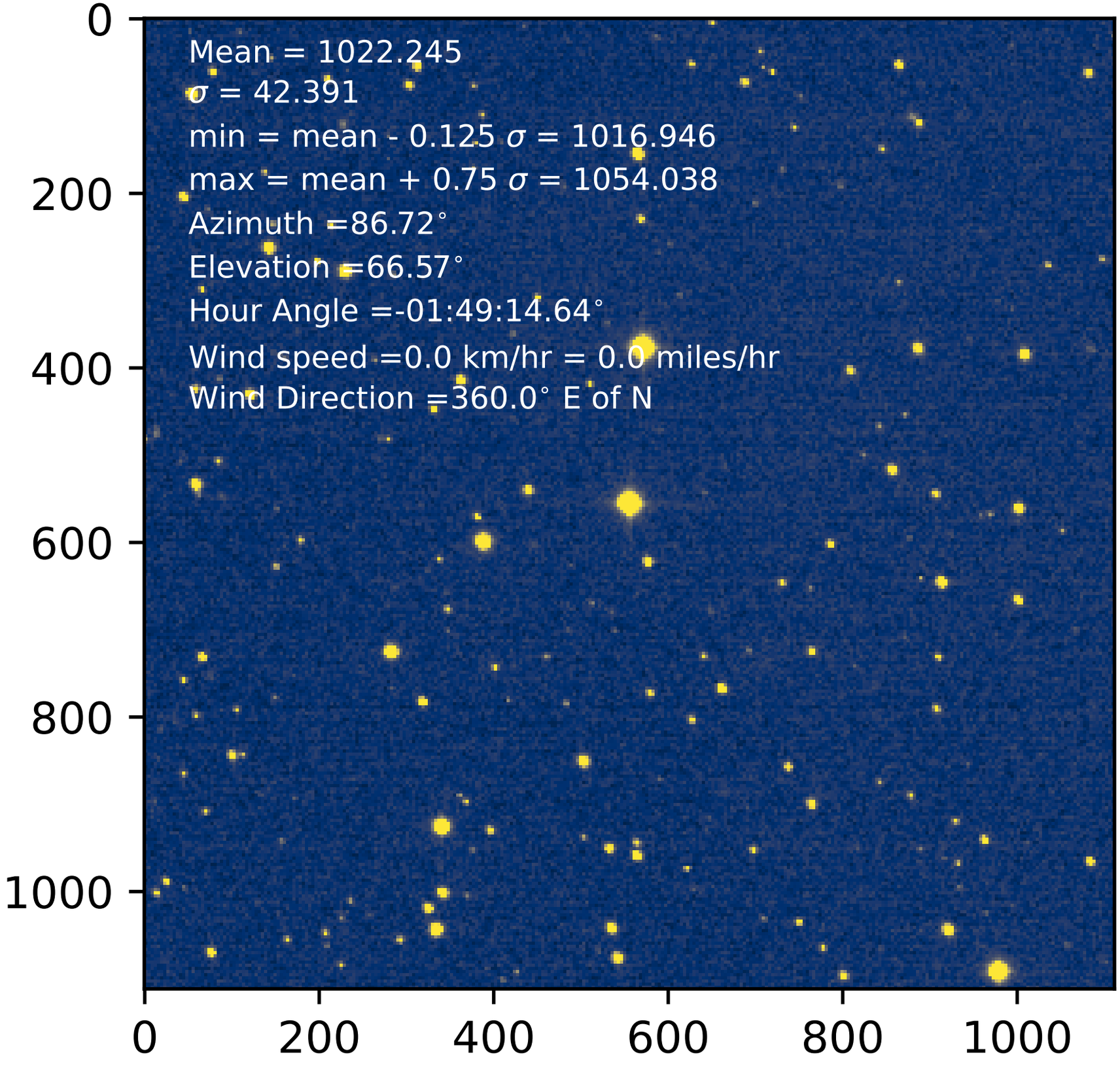
400
600
800
1000

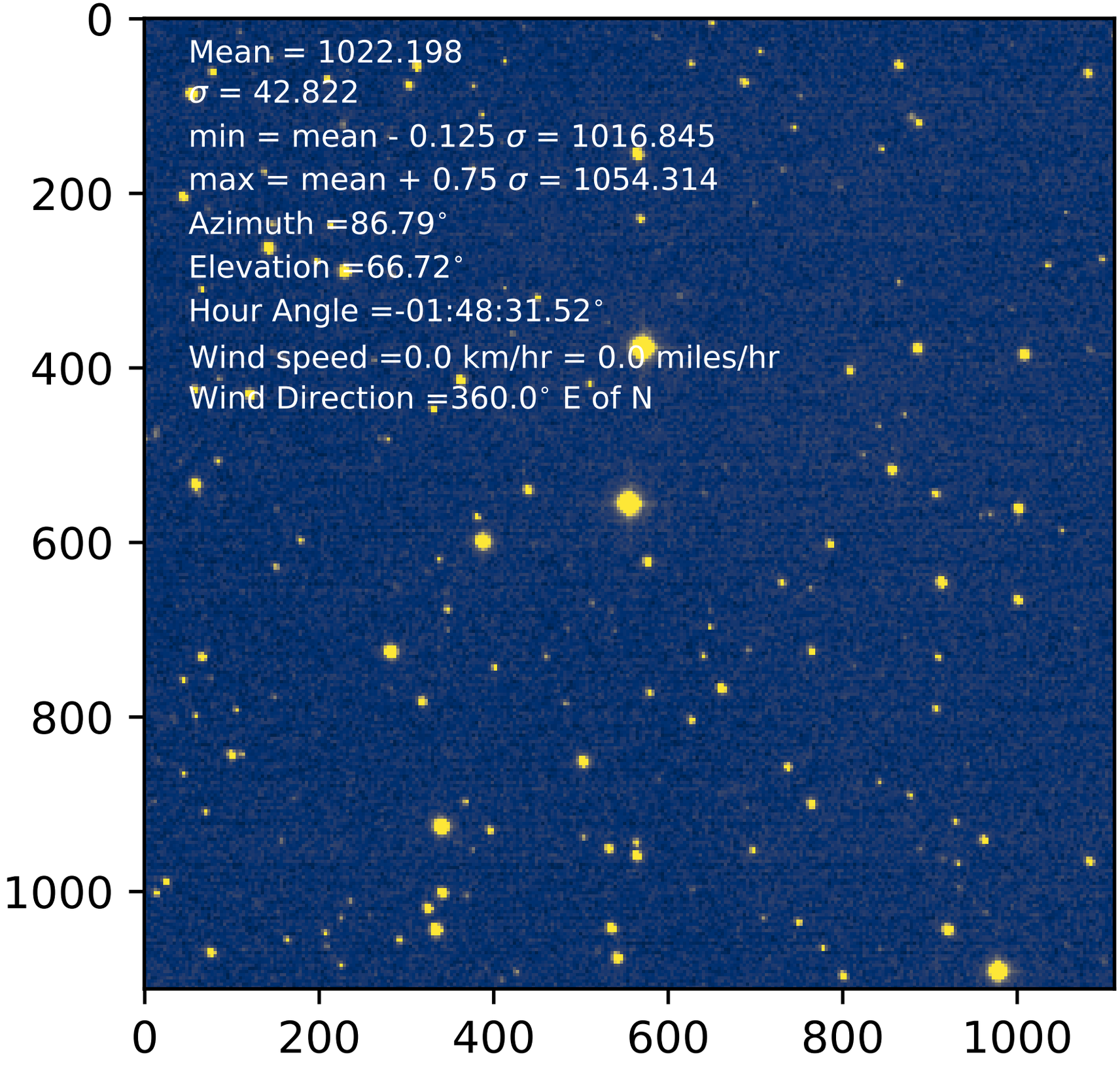

Mean = 1022.314
σ = 43.170
min = mean - 0.125 σ = 1016.918
max = mean + 0.75 σ = 1054.692
Azimuth =86.42°
Elevation =65.95°
Hour Angle =-01:52:09.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

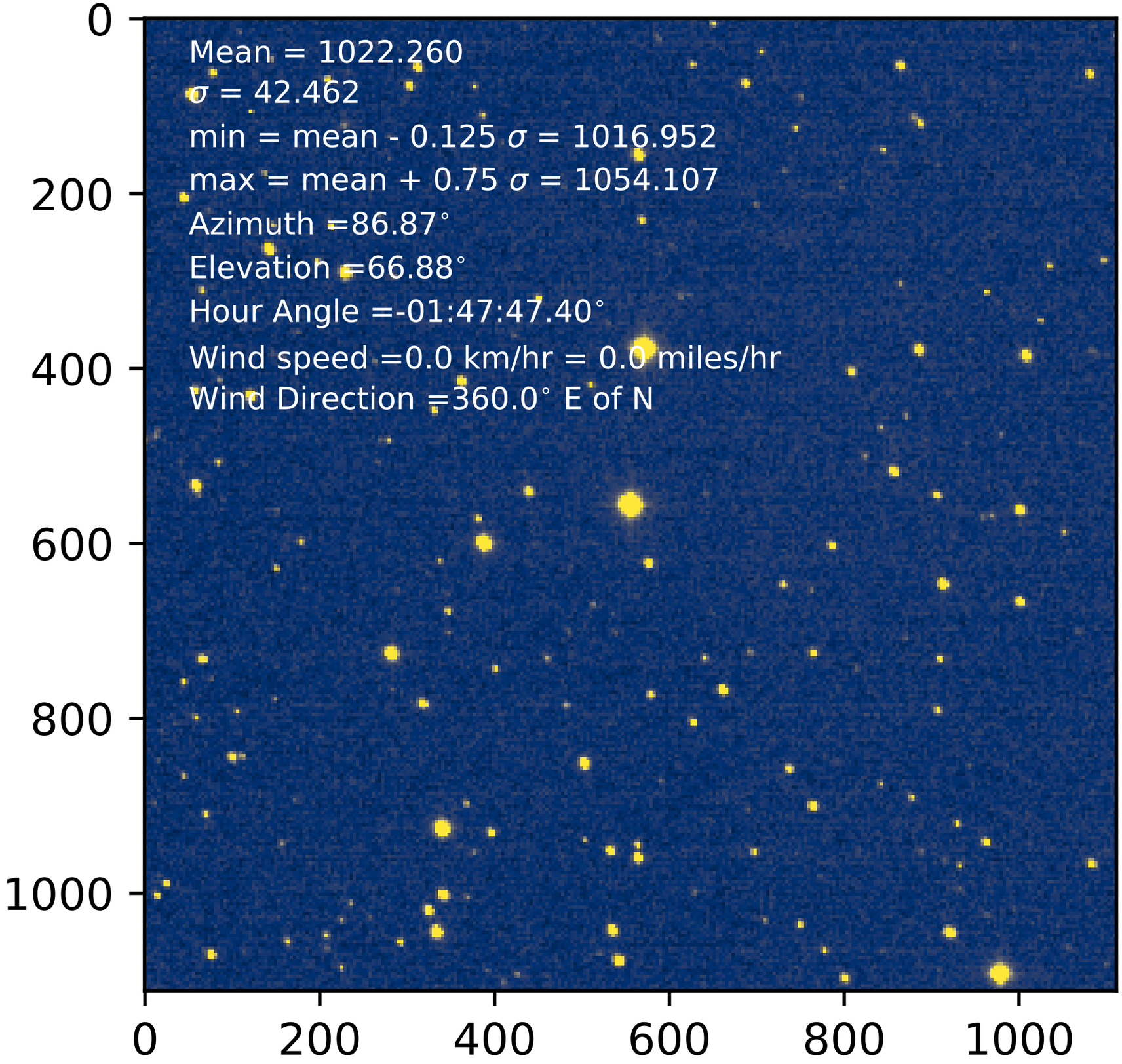

Mean = 1022.251
σ = 42.804
min = mean - 0.125 σ = 1016.901
max = mean + 0.75 σ = 1054.354
Azimuth =86.49°
Elevation =66.11°
Hour Angle =-01:51:24.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

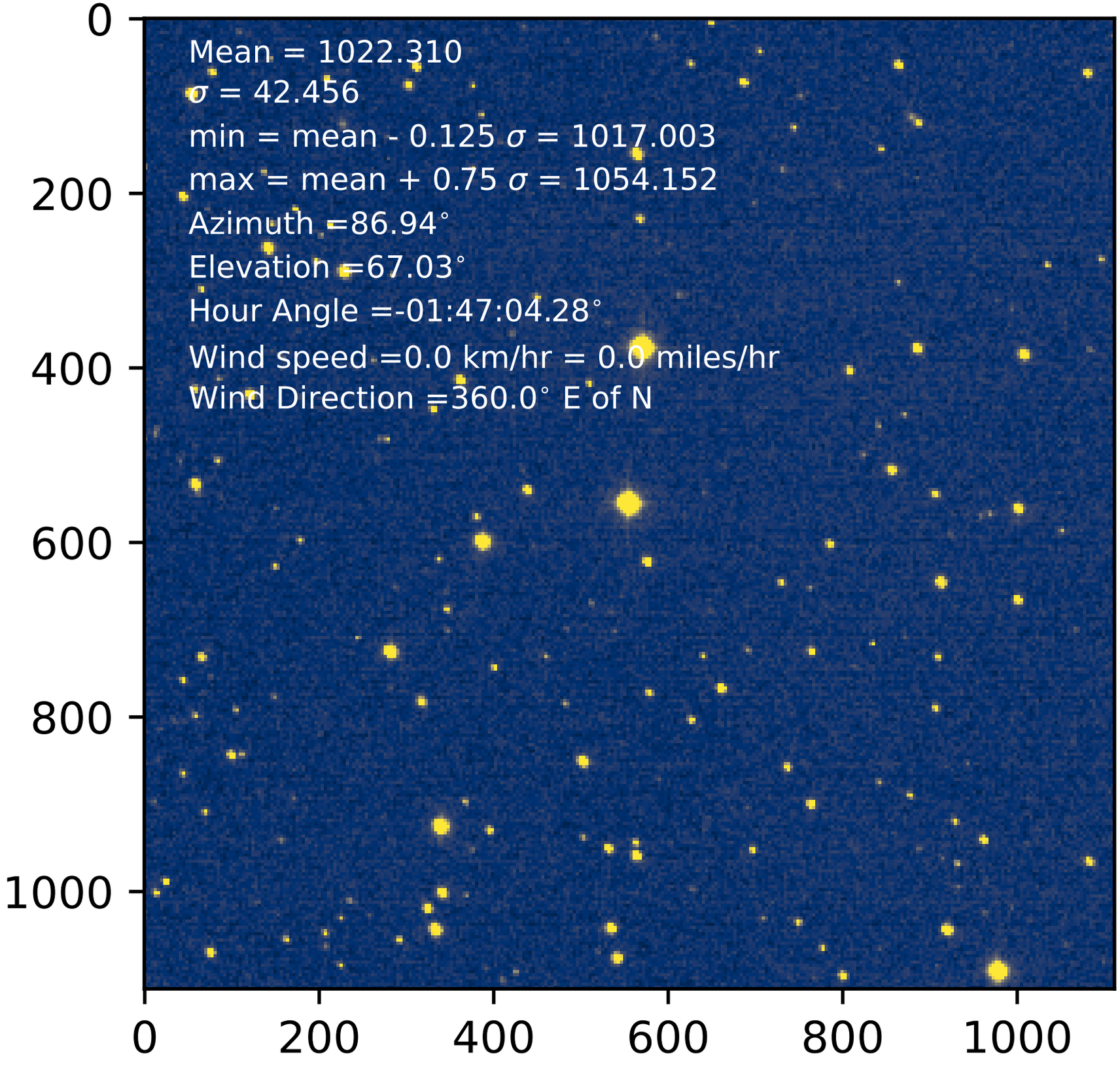

Mean = 1022.328
σ = 42.459
min = mean - 0.125 σ = 1017.02
max = mean + 0.75 σ = 1054.172
Azimuth =86.57°
Elevation =66.26°
Hour Angle =-01:50:41.88°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

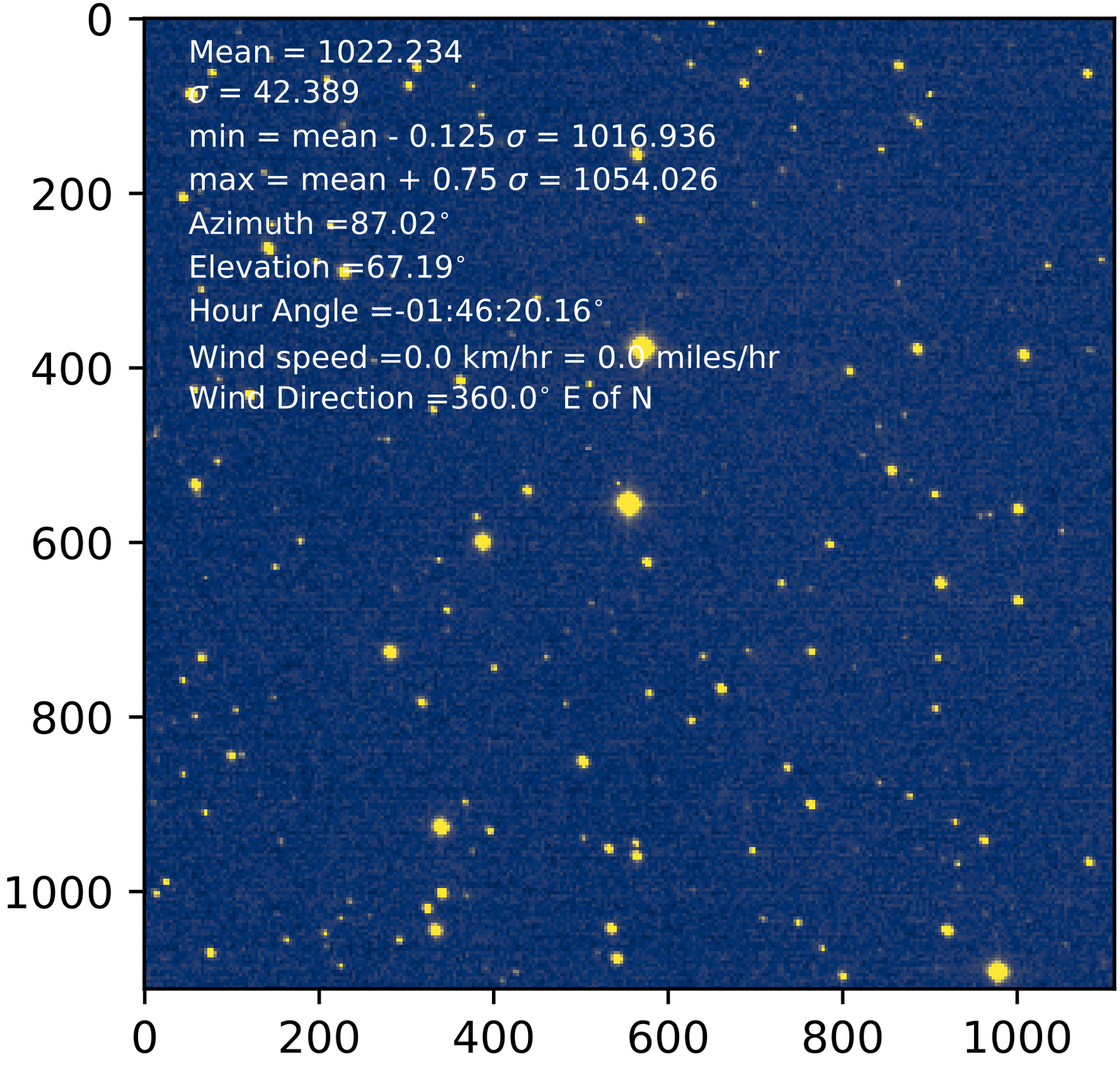

Mean = 1022.298
σ = 42.557
min = mean - 0.125 σ = 1016.978
max = mean + 0.75 σ = 1054.215
Azimuth =86.64°
Elevation =66.41°
Hour Angle =-01:49:58.76°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

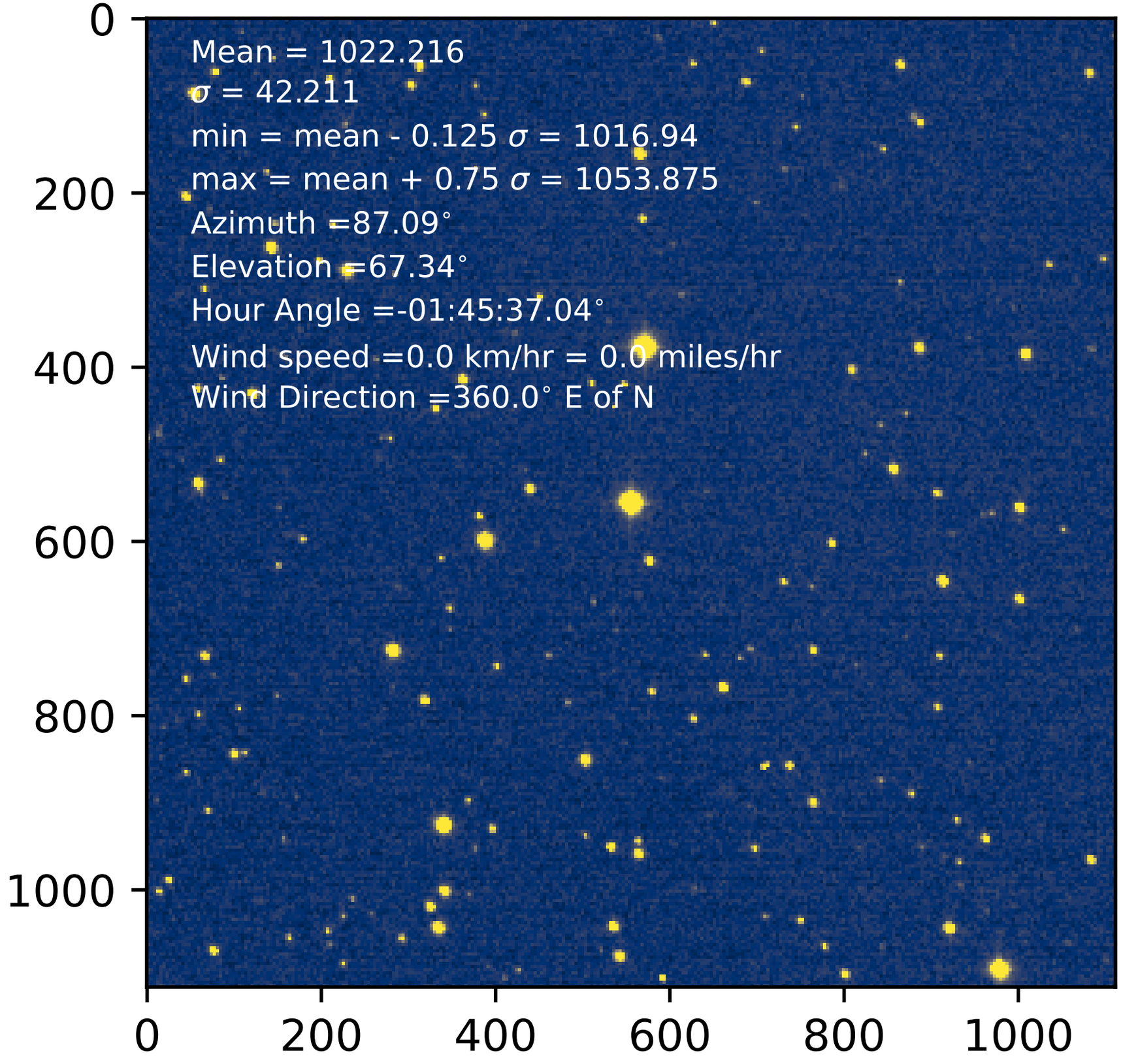

Mean = 1022.245
σ = 42.391
min = mean - 0.125 σ = 1016.946
max = mean + 0.75 σ = 1054.038
Azimuth =86.72°
Elevation =66.57°
Hour Angle =-01:49:14.64°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

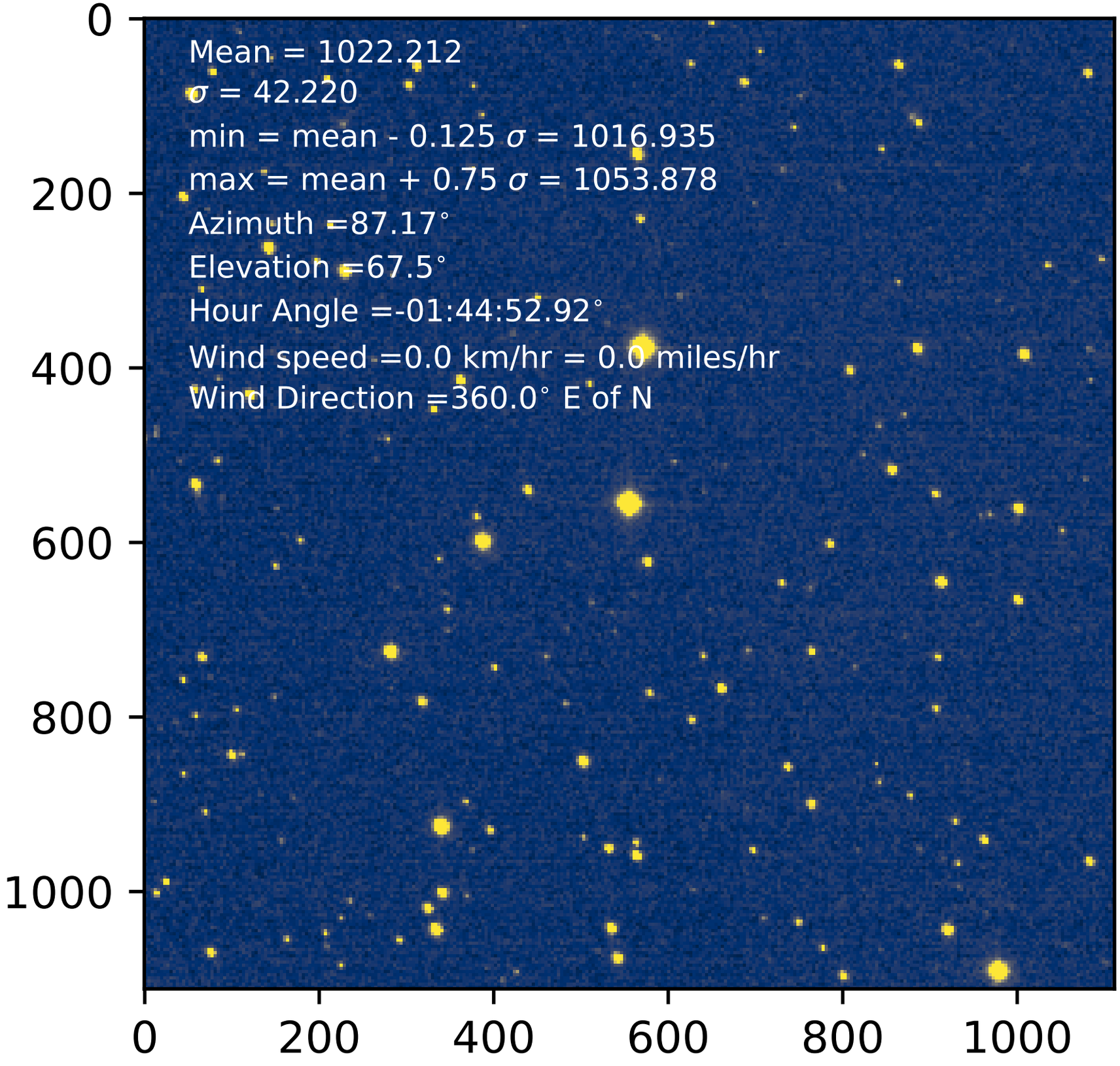

Mean = 1022.198
σ = 42.822
min = mean - 0.125 σ = 1016.845
max = mean + 0.75 σ = 1054.314
Azimuth =86.79°
Elevation =66.72°
Hour Angle =-01:48:31.52°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

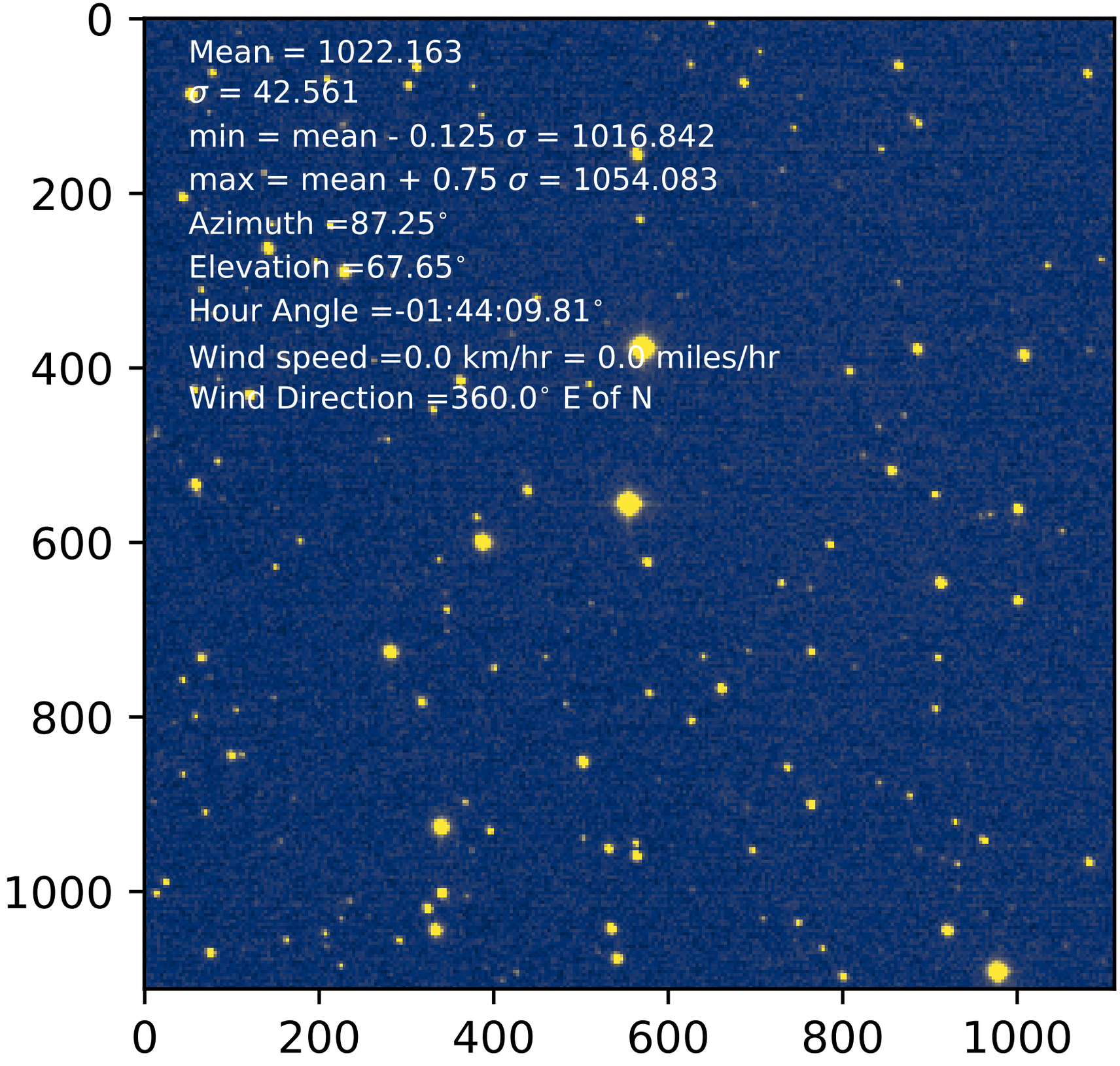

Mean = 1022.260
σ = 42.462
min = mean - 0.125 σ = 1016.952
max = mean + 0.75 σ = 1054.107
Azimuth =86.87°
Elevation =66.88°
Hour Angle =-01:47:47.40°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

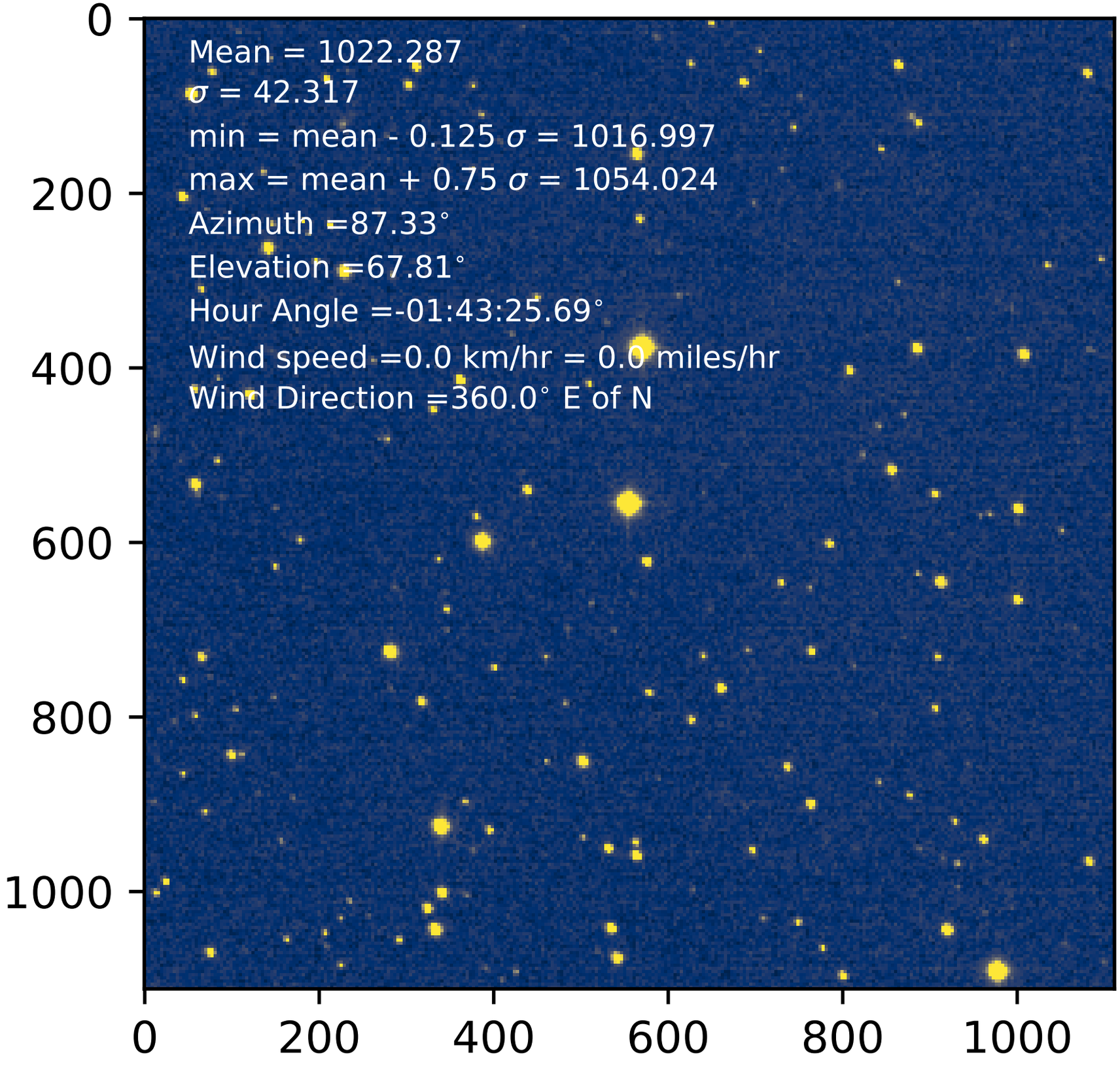

Mean = 1022.310
σ = 42.456
min = mean - 0.125 σ = 1017.003
max = mean + 0.75 σ = 1054.152
Azimuth =86.94°
Elevation =67.03°
Hour Angle =-01:47:04.28°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.234
σ = 42.389
min = mean - 0.125 σ = 1016.936
max = mean + 0.75 σ = 1054.026
Azimuth =87.02°
Elevation =67.19°
Hour Angle =-01:46:20.16°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.216
σ = 42.211
min = mean - 0.125 σ = 1016.94
max = mean + 0.75 σ = 1053.875
Azimuth =87.09°
Elevation =67.34°
Hour Angle =-01:45:37.04°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.212
σ = 42.220
min = mean - 0.125 σ = 1016.935
max = mean + 0.75 σ = 1053.878
Azimuth =87.17°
Elevation =67.5°
Hour Angle =-01:44:52.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.163
σ = 42.561
min = mean - 0.125 σ = 1016.842
max = mean + 0.75 σ = 1054.083
Azimuth =87.25°
Elevation =67.65°
Hour Angle =-01:44:09.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.287
σ = 42.317
min = mean - 0.125 σ = 1016.997
max = mean + 0.75 σ = 1054.024
Azimuth =87.33°
Elevation =67.81°
Hour Angle =-01:43:25.69°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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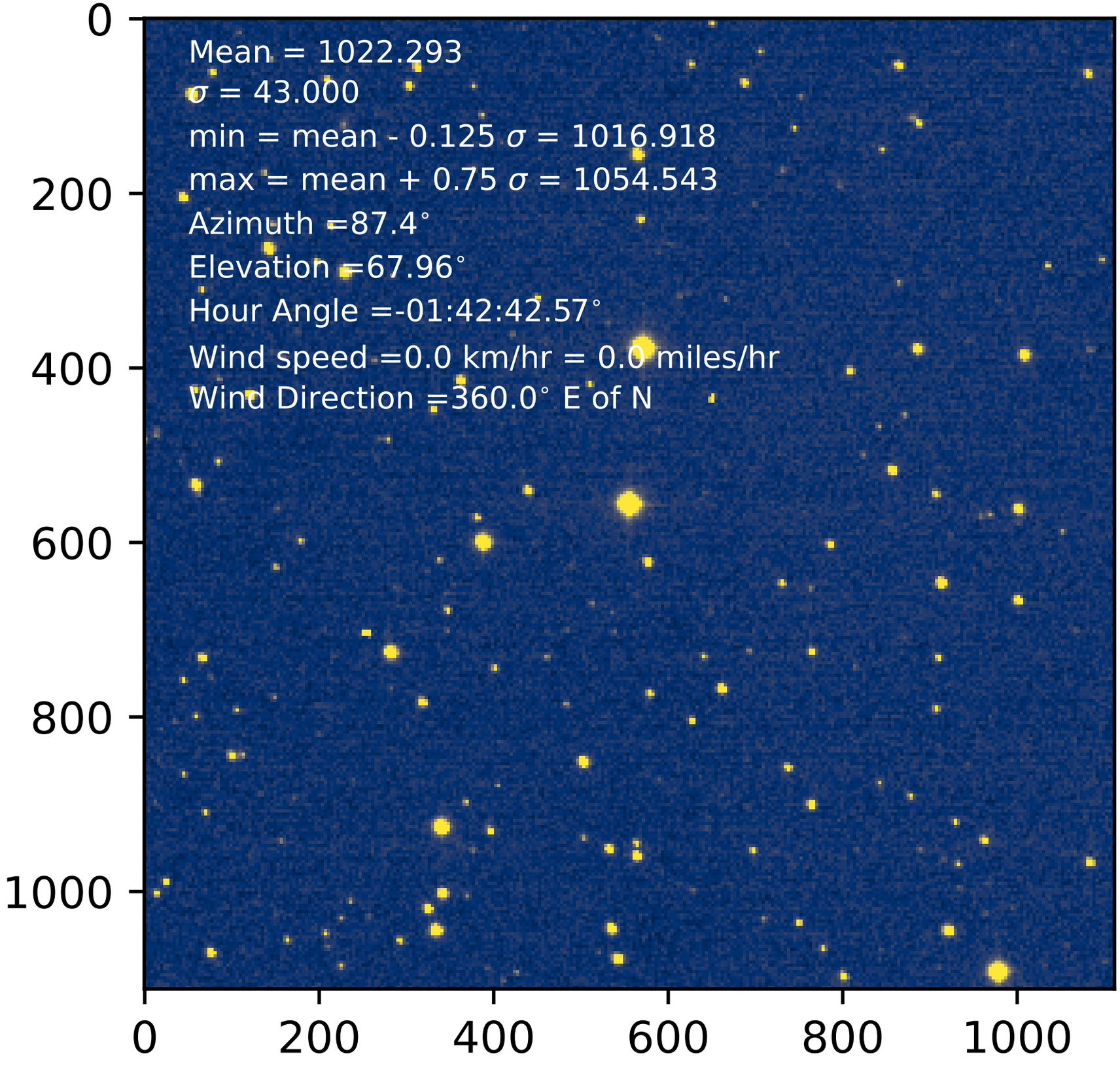
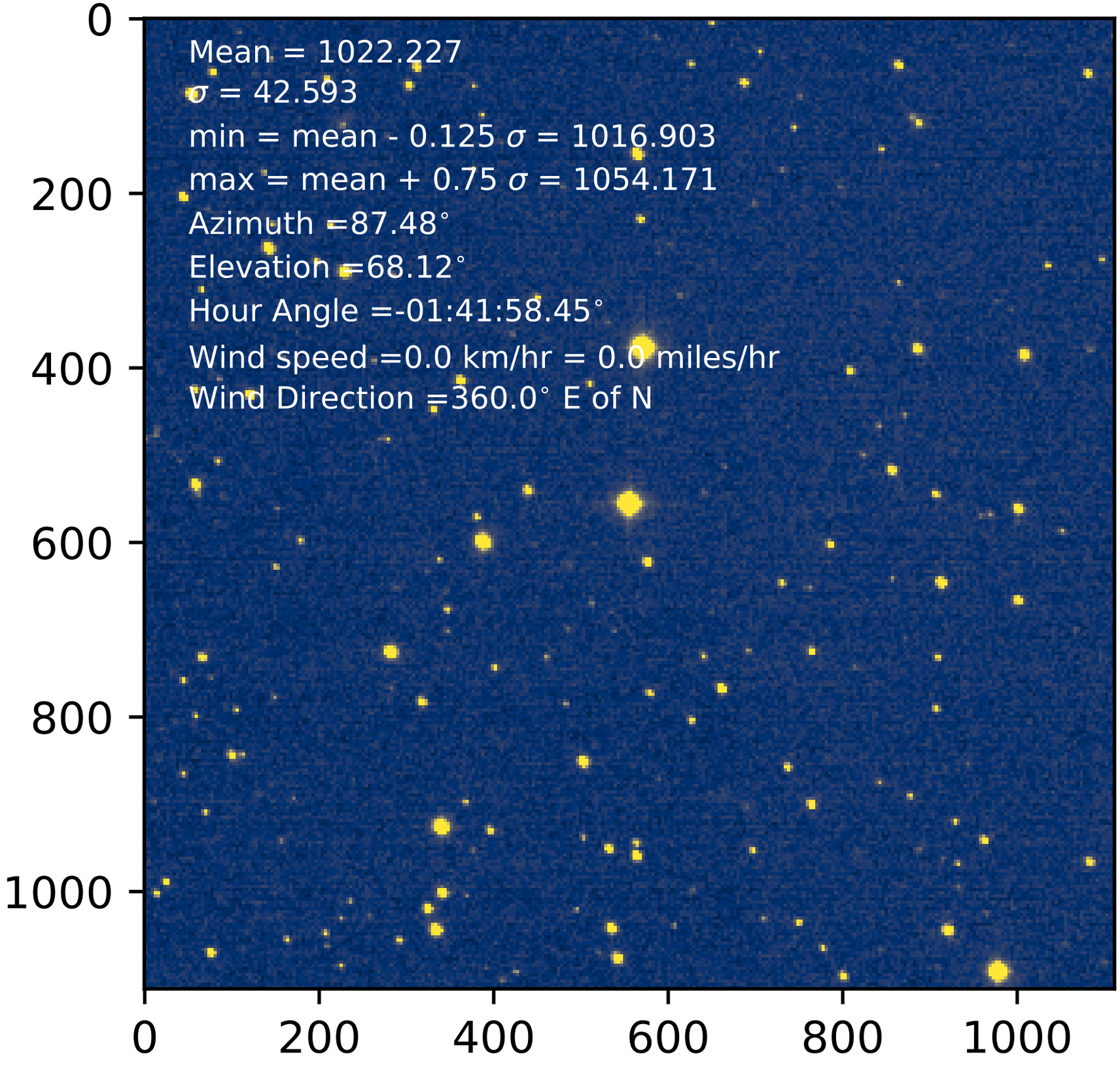
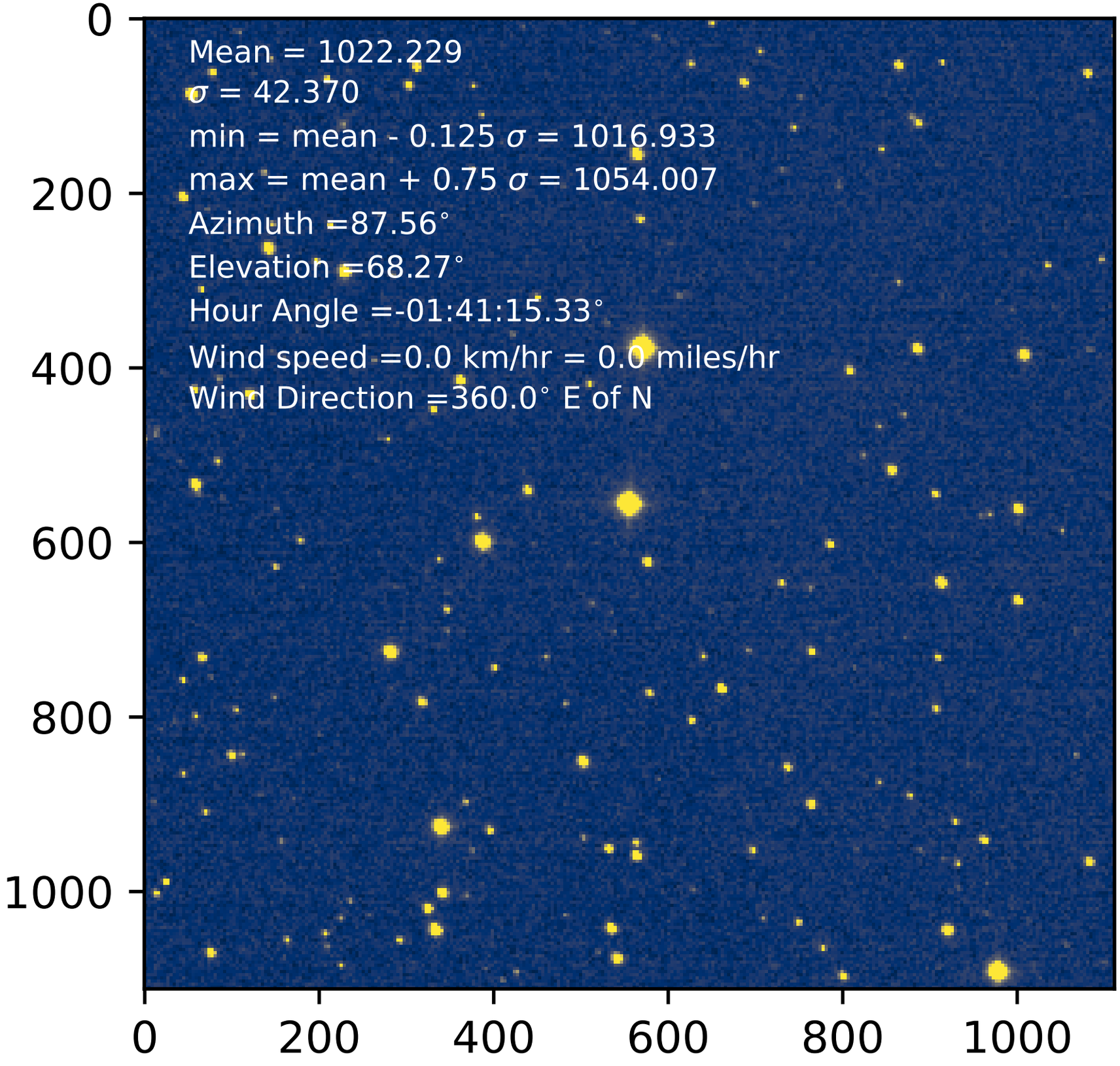
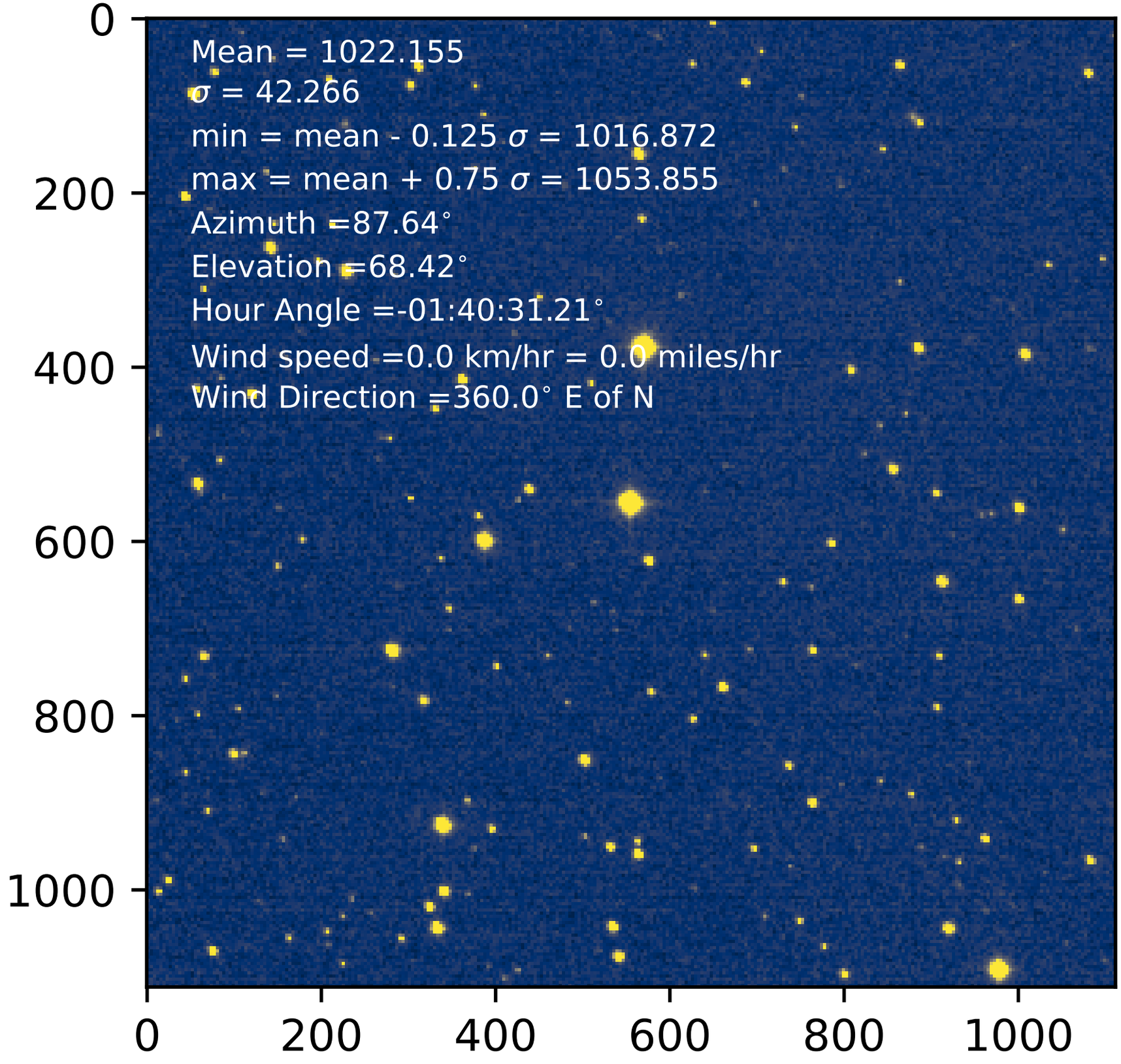
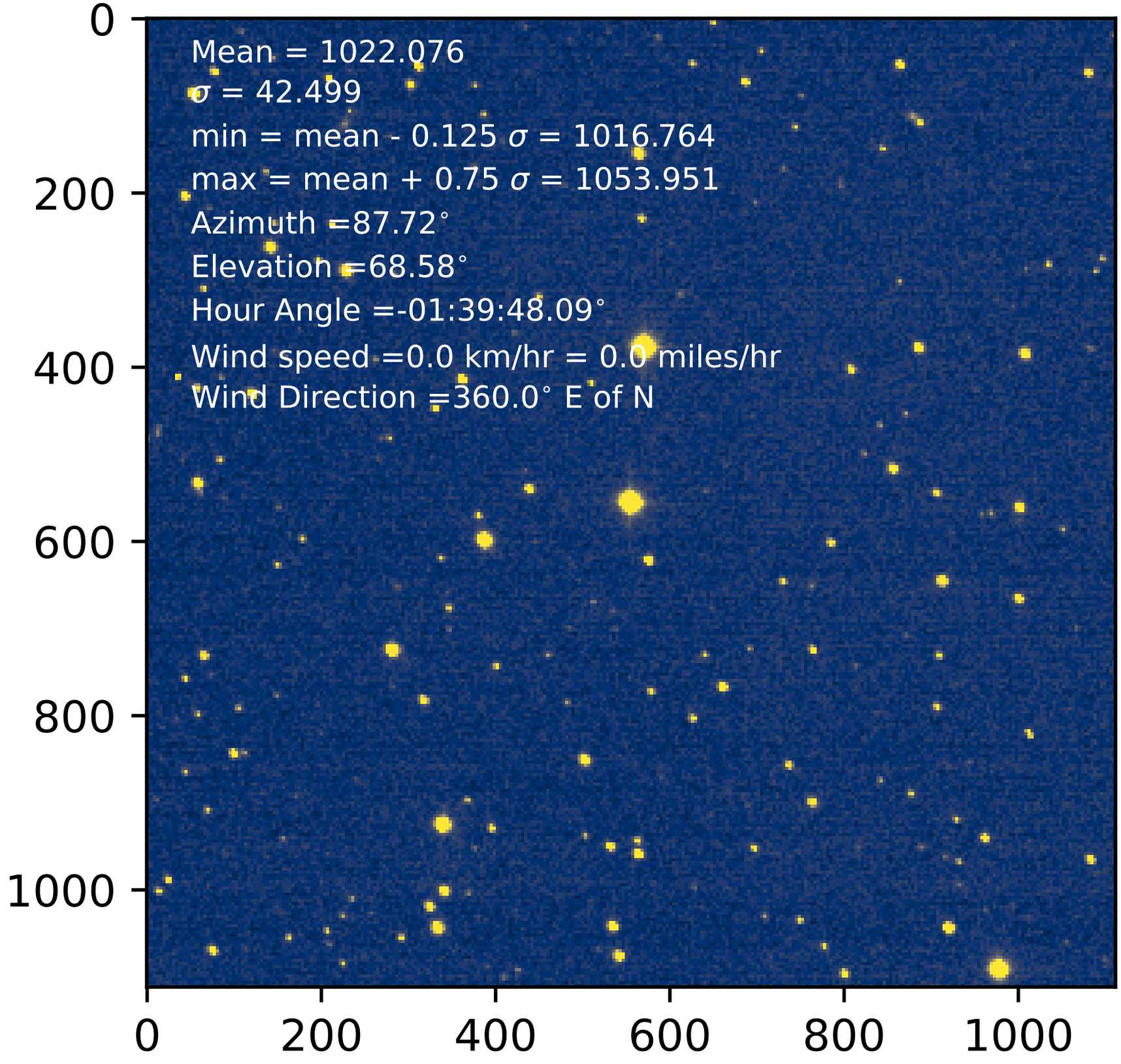
400
600
800
1000

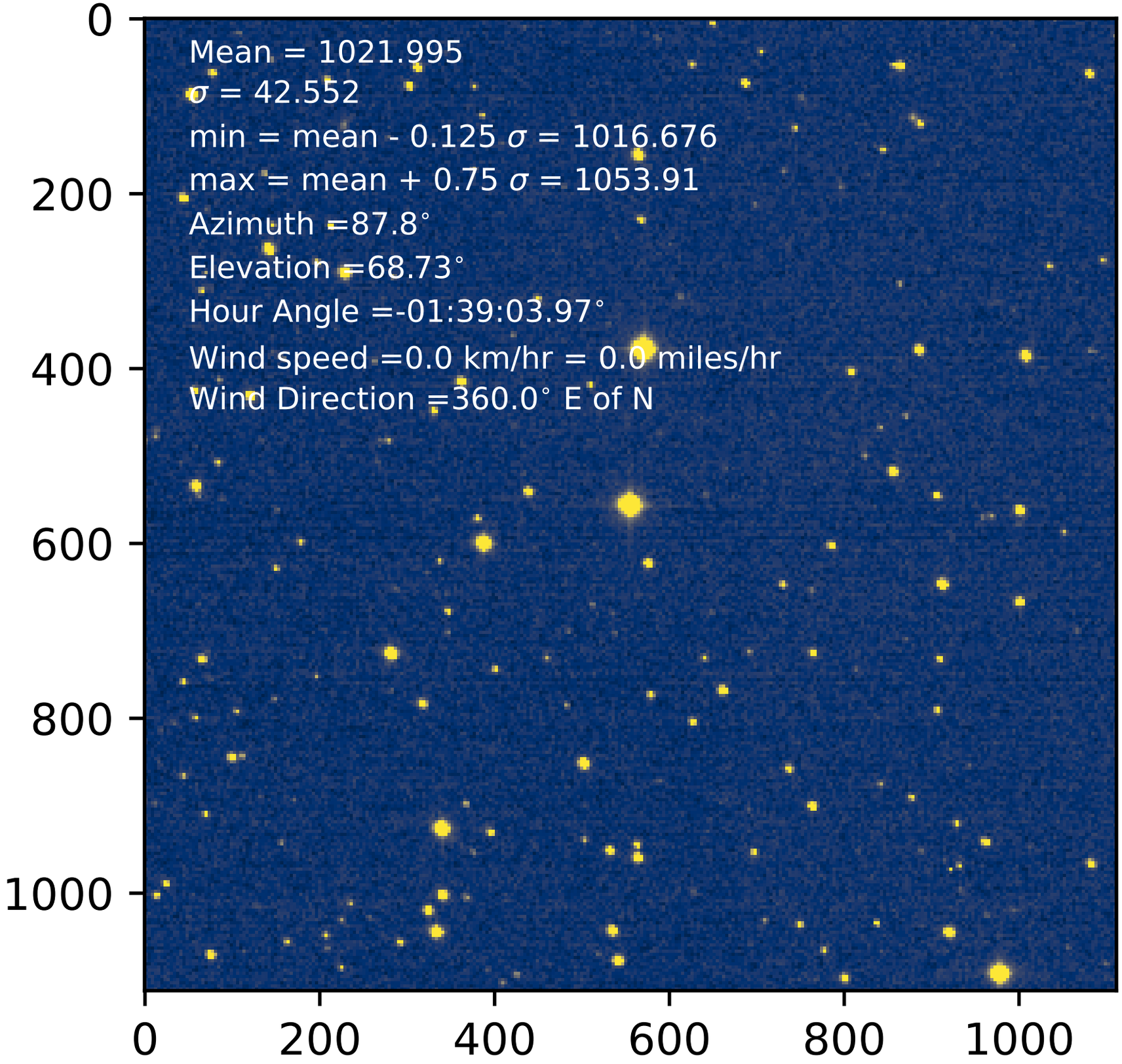

Mean = 1022.293
σ = 43.000
min = mean - 0.125 σ = 1016.918
max = mean + 0.75 σ = 1054.543
Azimuth =87.4°
Elevation =67.96°
Hour Angle =-01:42:42.57°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

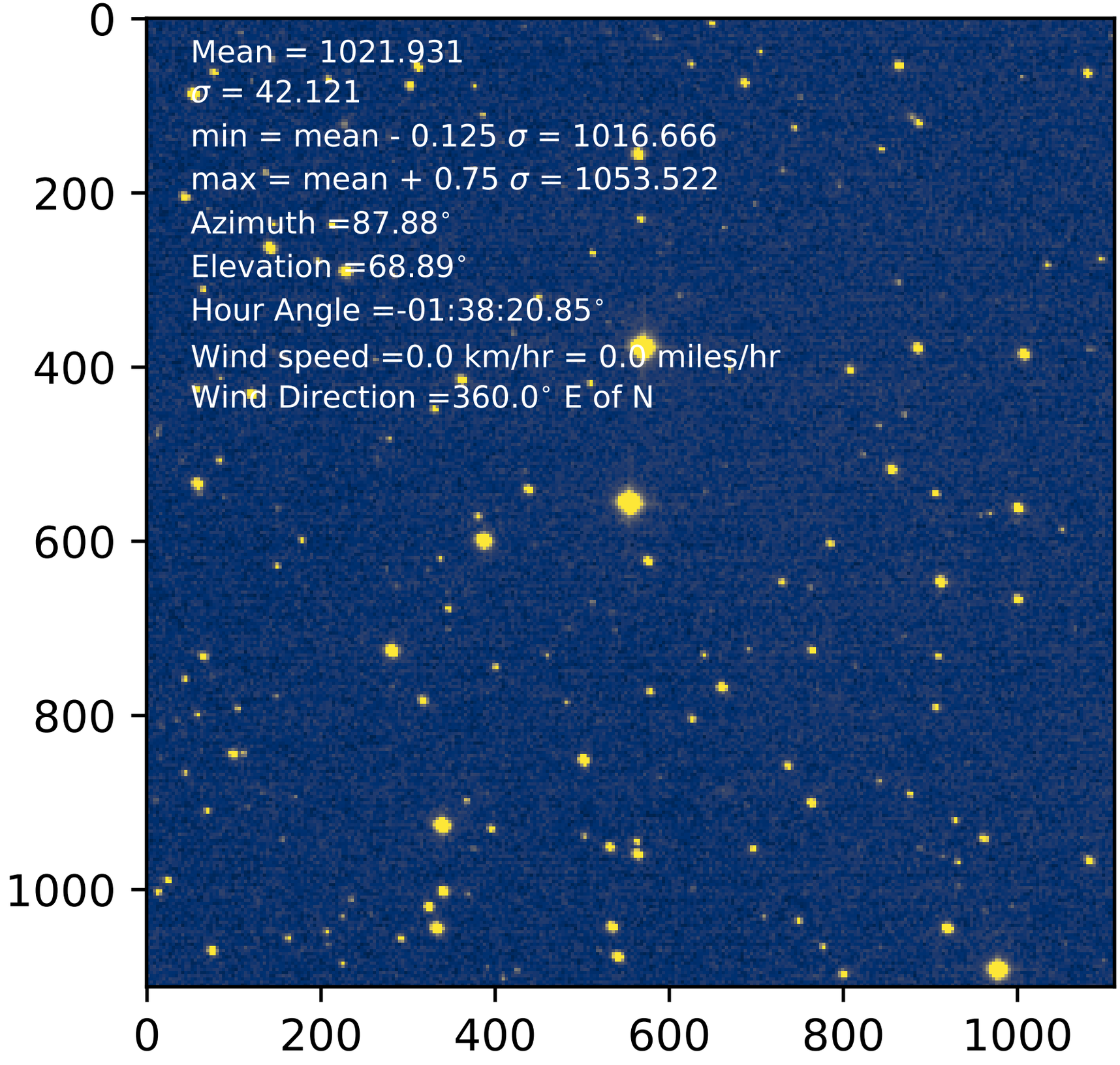

Mean = 1022.227
σ = 42.593
min = mean - 0.125 σ = 1016.903
max = mean + 0.75 σ = 1054.171
Azimuth =87.48°
Elevation =68.12°
Hour Angle =-01:41:58.45°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

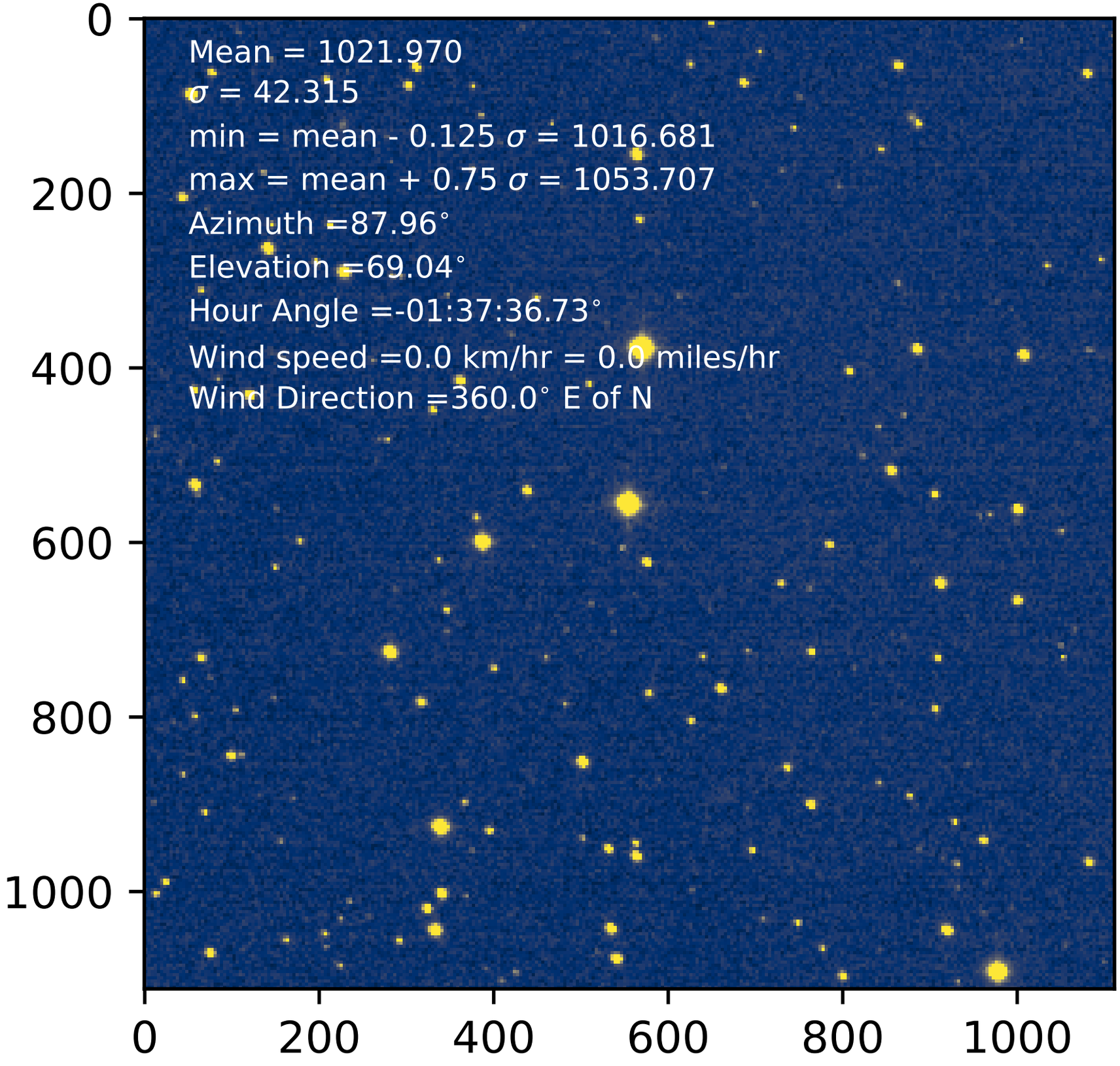

Mean = 1022.229
σ = 42.370
min = mean - 0.125 σ = 1016.933
max = mean + 0.75 σ = 1054.007
Azimuth =87.56°
Elevation =68.27°
Hour Angle =-01:41:15.33°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

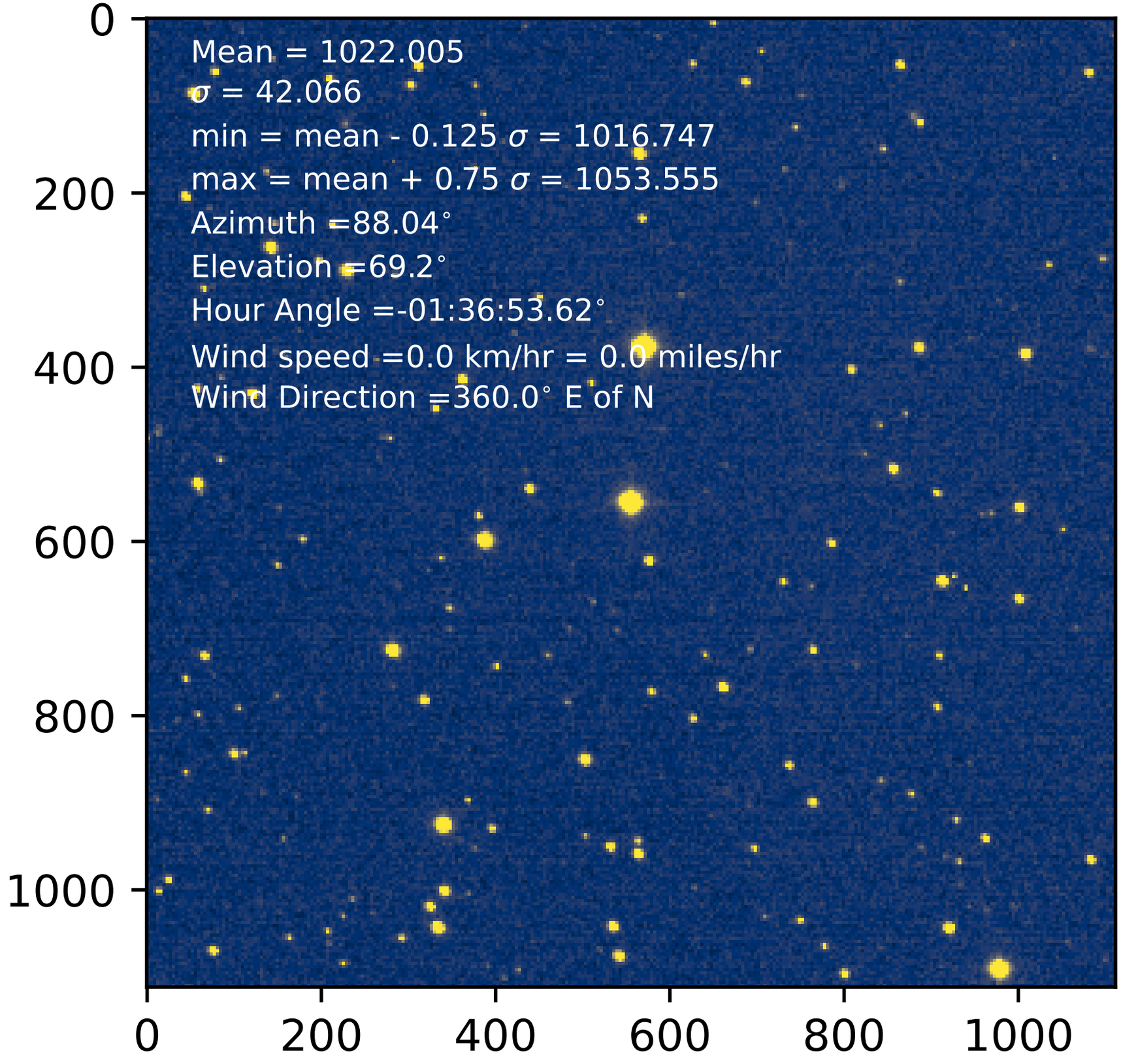

Mean = 1022.155
σ = 42.266
min = mean - 0.125 σ = 1016.872
max = mean + 0.75 σ = 1053.855
Azimuth =87.64°
Elevation =68.42°
Hour Angle =-01:40:31.21°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

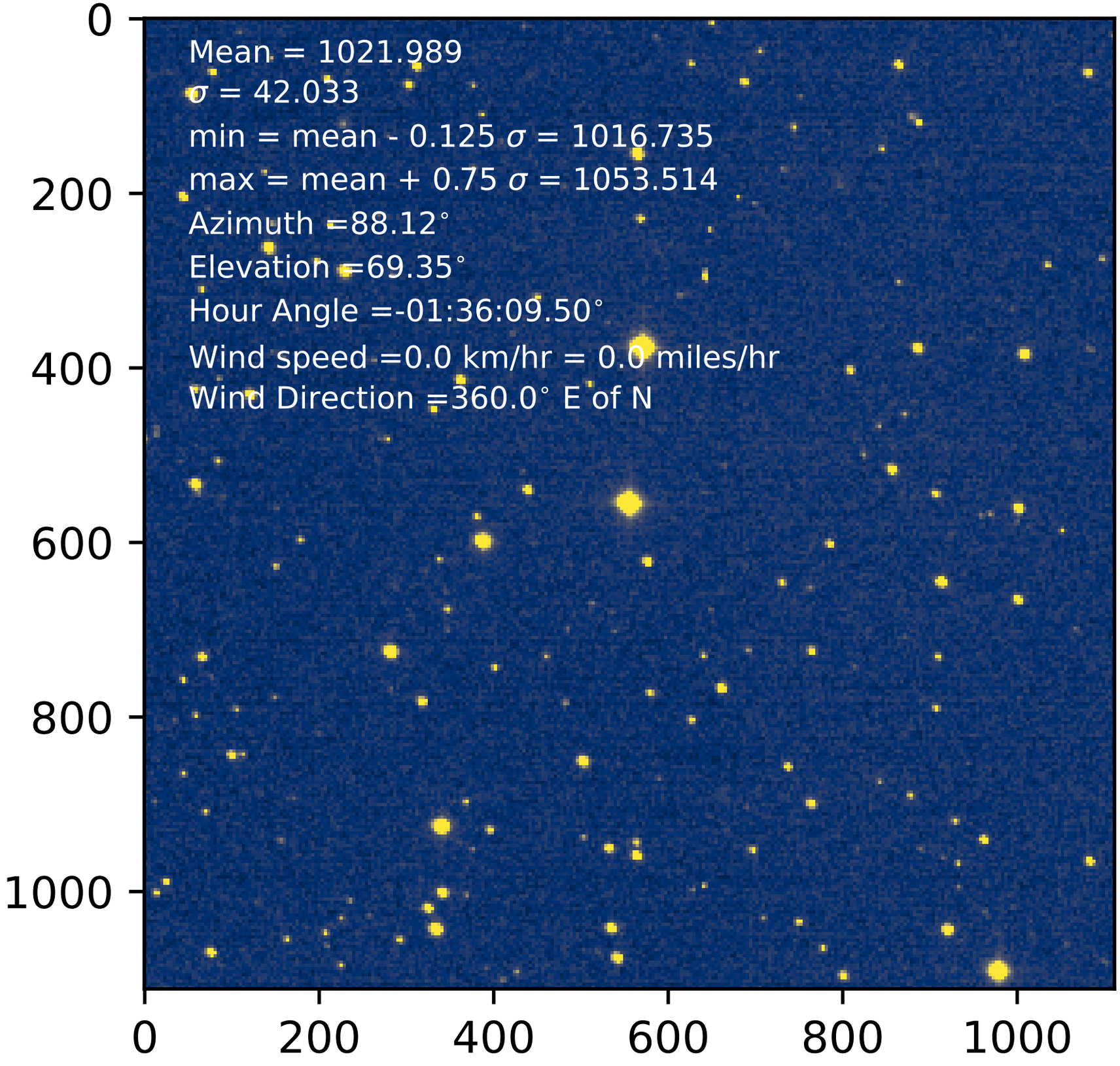

Mean = 1022.076
σ = 42.499
min = mean - 0.125 σ = 1016.764
max = mean + 0.75 σ = 1053.951
Azimuth =87.72°
Elevation =68.58°
Hour Angle =-01:39:48.09°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

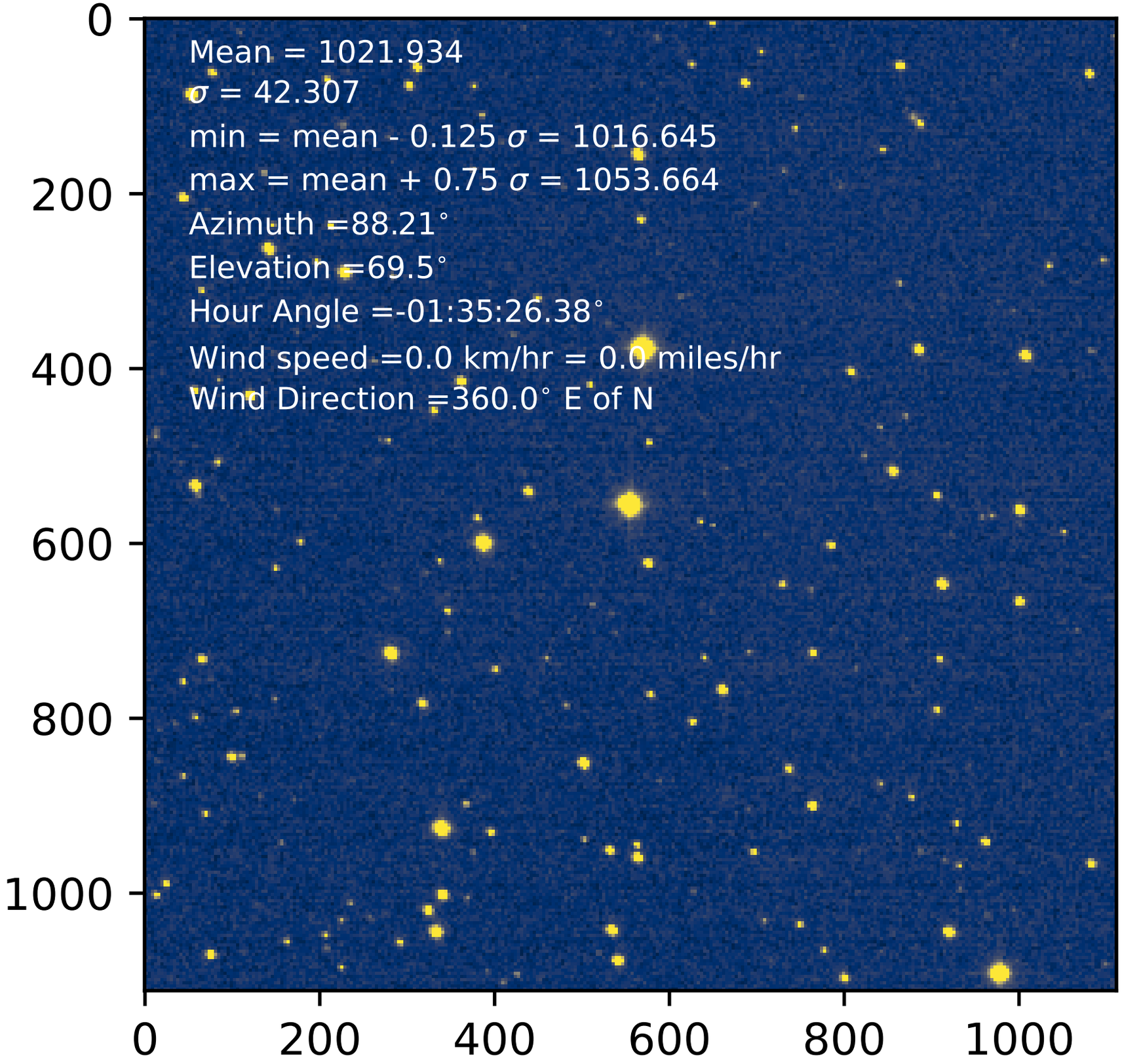

Mean = 1021.995
σ = 42.552
min = mean - 0.125 σ = 1016.676
max = mean + 0.75 σ = 1053.91
Azimuth =87.8°
Elevation =68.73°
Hour Angle =-01:39:03.97°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.931
σ = 42.121
min = mean - 0.125 σ = 1016.666
max = mean + 0.75 σ = 1053.522
Azimuth =87.88°
Elevation =68.89°
Hour Angle =-01:38:20.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.970
σ = 42.315
min = mean - 0.125 σ = 1016.681
max = mean + 0.75 σ = 1053.707
Azimuth =87.96°
Elevation =69.04°
Hour Angle =-01:37:36.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.005
σ = 42.066
min = mean - 0.125 σ = 1016.747
max = mean + 0.75 σ = 1053.555
Azimuth =88.04°
Elevation =69.2°
Hour Angle =-01:36:53.62°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.989
σ = 42.033
min = mean - 0.125 σ = 1016.735
max = mean + 0.75 σ = 1053.514
Azimuth =88.12°
Elevation =69.35°
Hour Angle =-01:36:09.50°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.934
σ = 42.307
min = mean - 0.125 σ = 1016.645
max = mean + 0.75 σ = 1053.664
Azimuth =88.21°
Elevation =69.5°
Hour Angle =-01:35:26.38°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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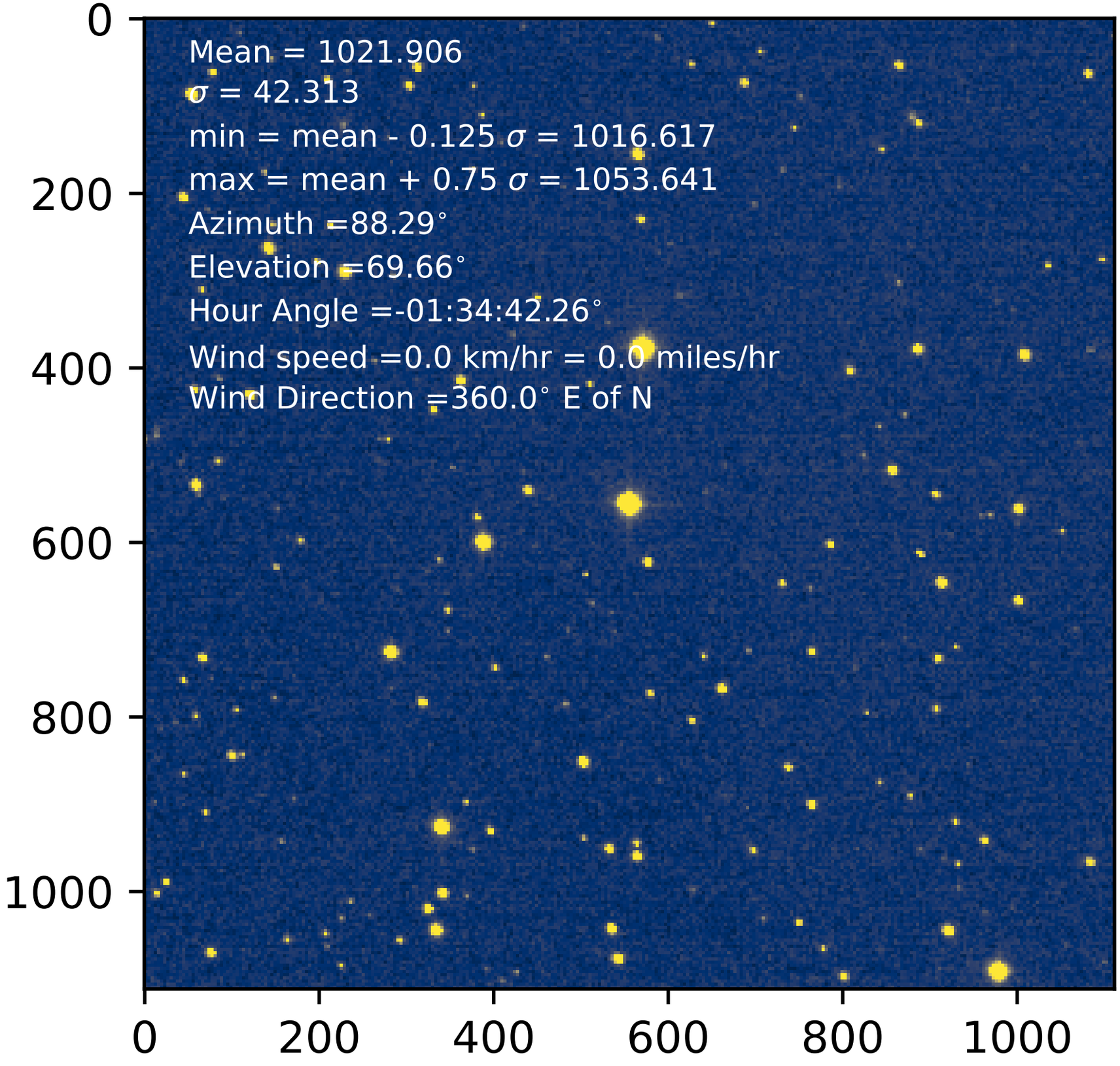
400
600
800
1000


Mean = 1021.906
σ = 42.313
min = mean - 0.125 σ = 1016.617
max = mean + 0.75 σ = 1053.641
Azimuth =88.29°
Elevation =69.66°
Hour Angle =-01:34:42.26°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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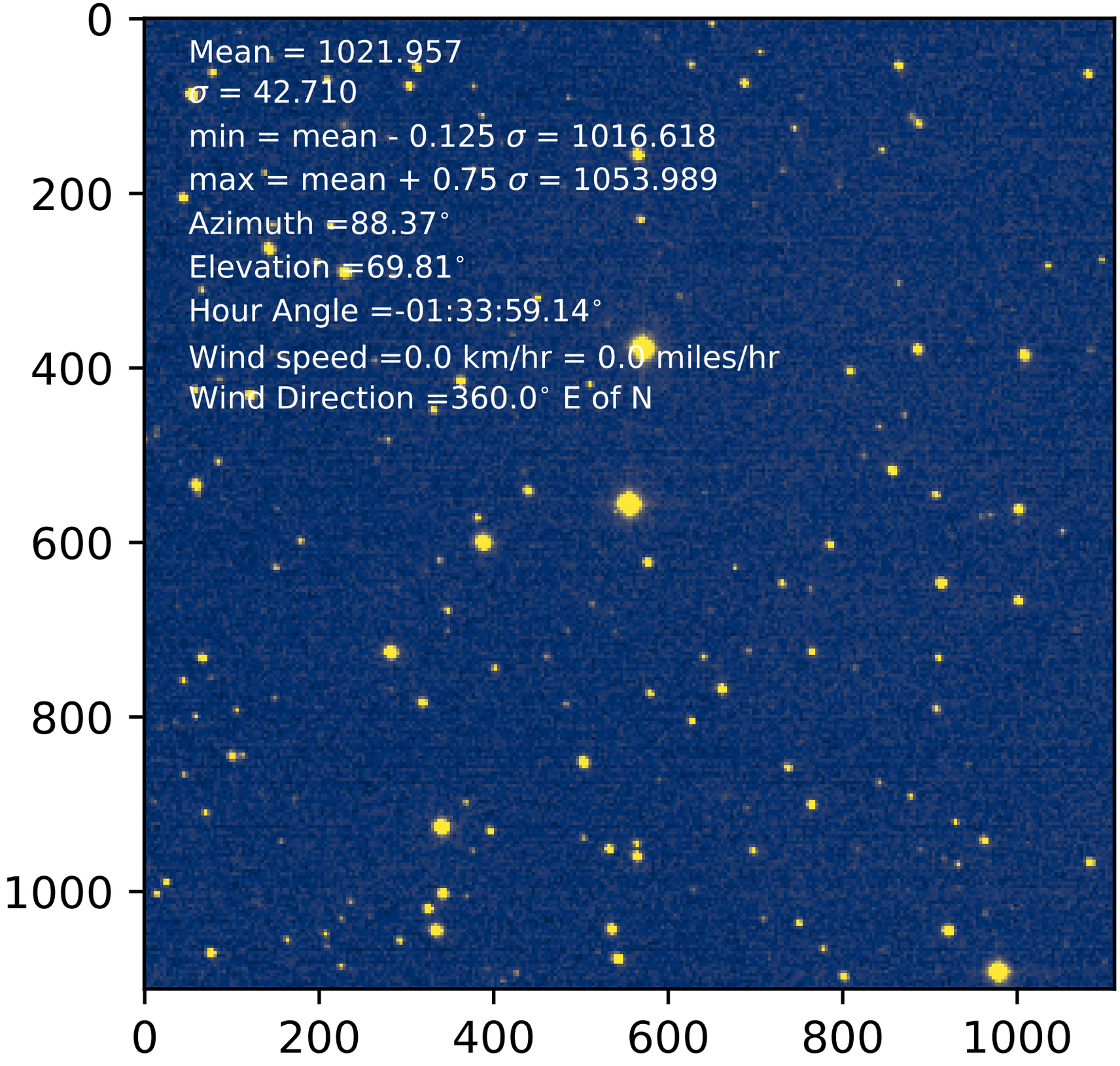
400
600
800
1000


Mean = 1021.957
σ = 42.710
min = mean - 0.125 σ = 1016.618
max = mean + 0.75 σ = 1053.989
Azimuth =88.37°
Elevation =69.81°
Hour Angle =-01:33:59.14°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
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400
600
800
1000
0
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400
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800
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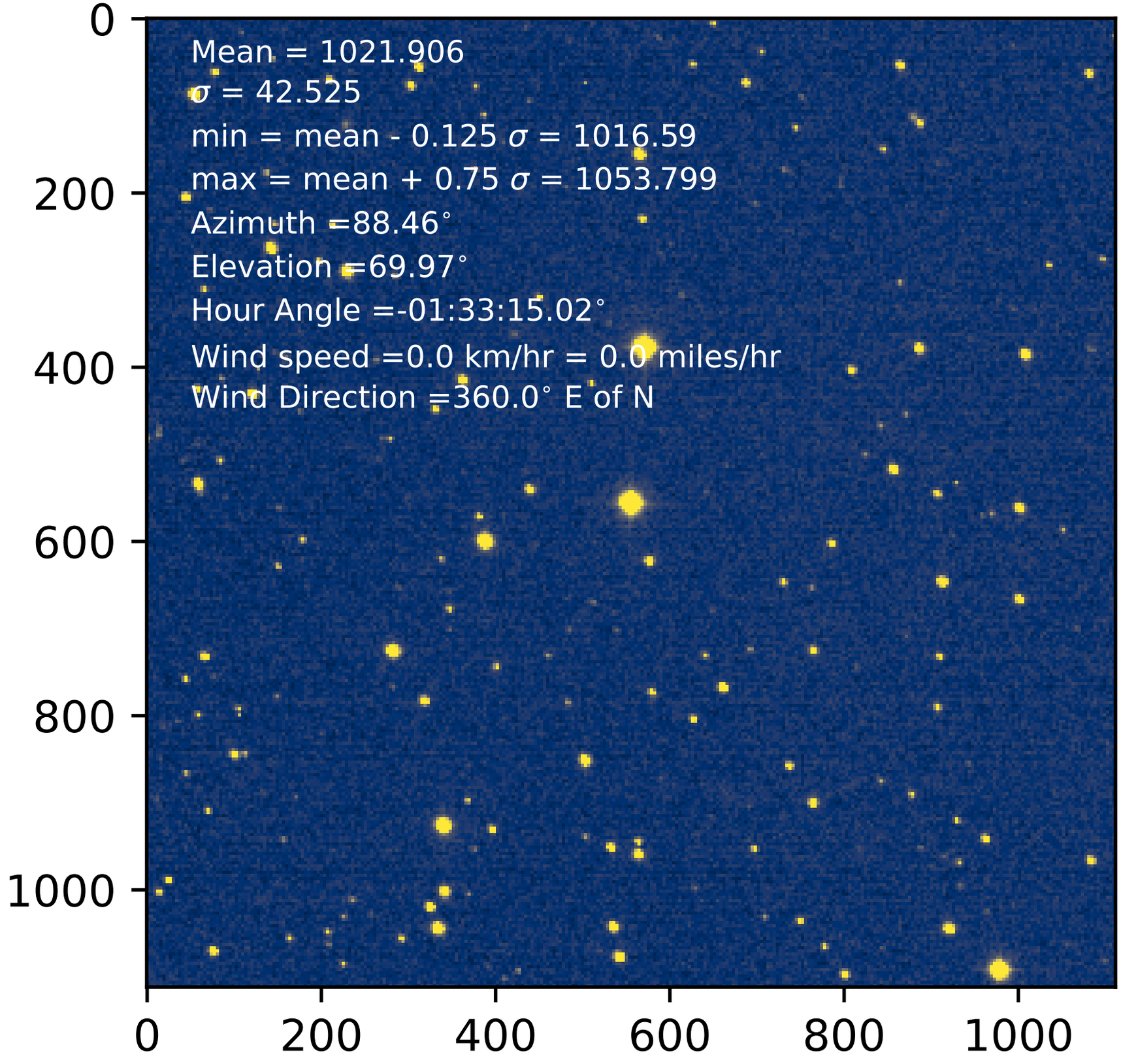
Mean = 1021.906
σ = 42.525
min = mean - 0.125 σ = 1016.59
max = mean + 0.75 σ = 1053.799
Azimuth =88.46°
Elevation =69.97°
Hour Angle =-01:33:15.02°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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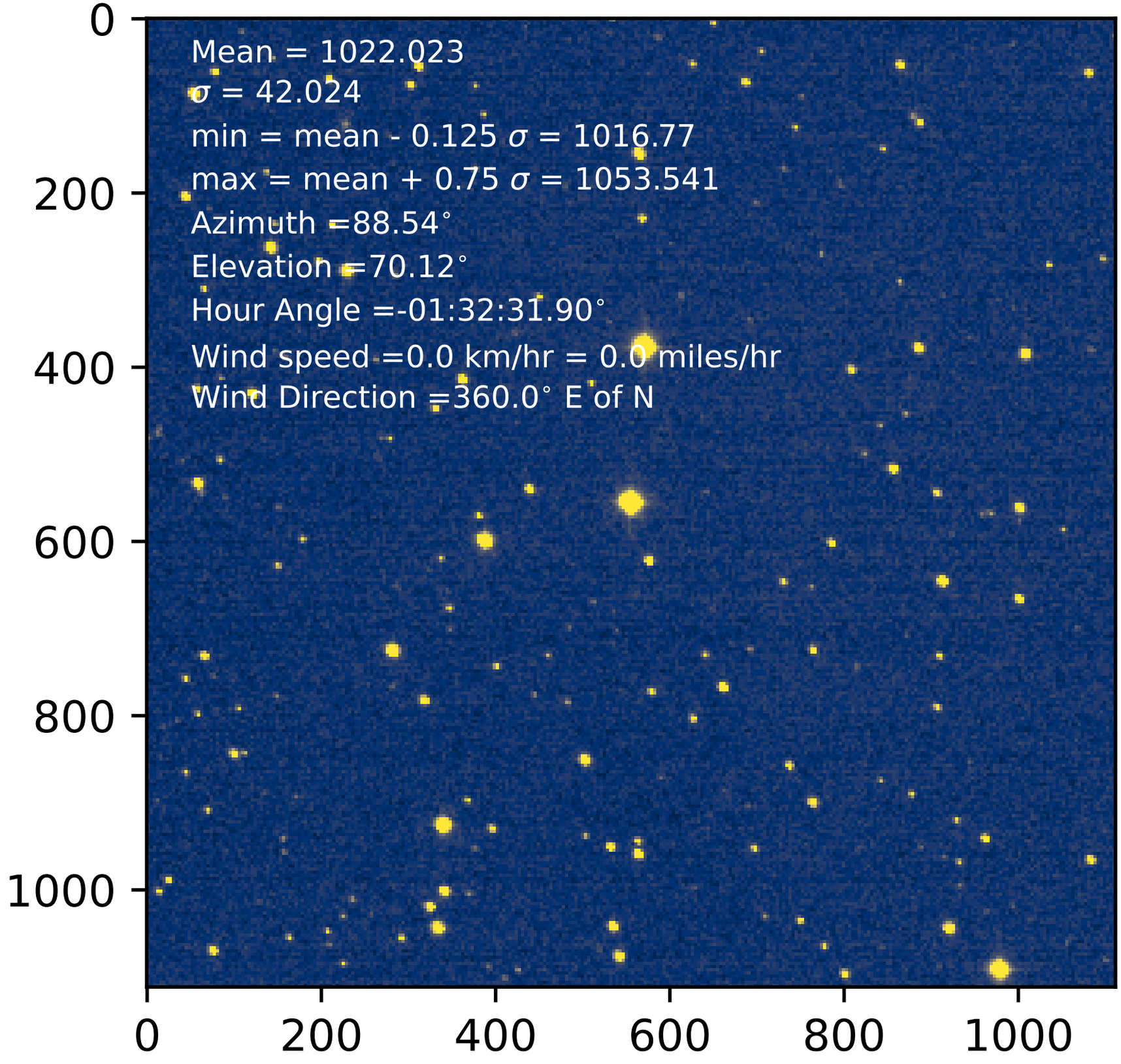
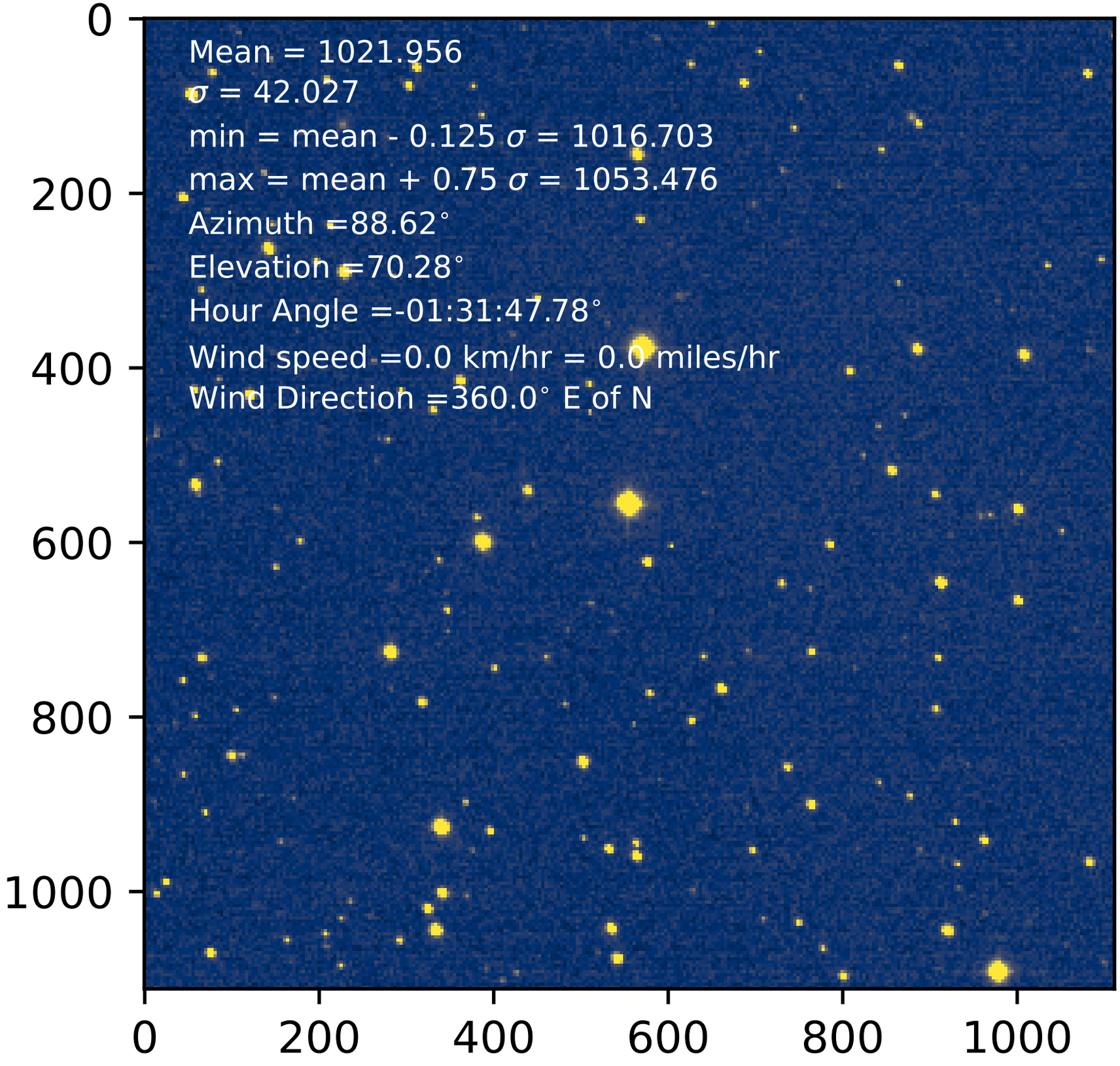
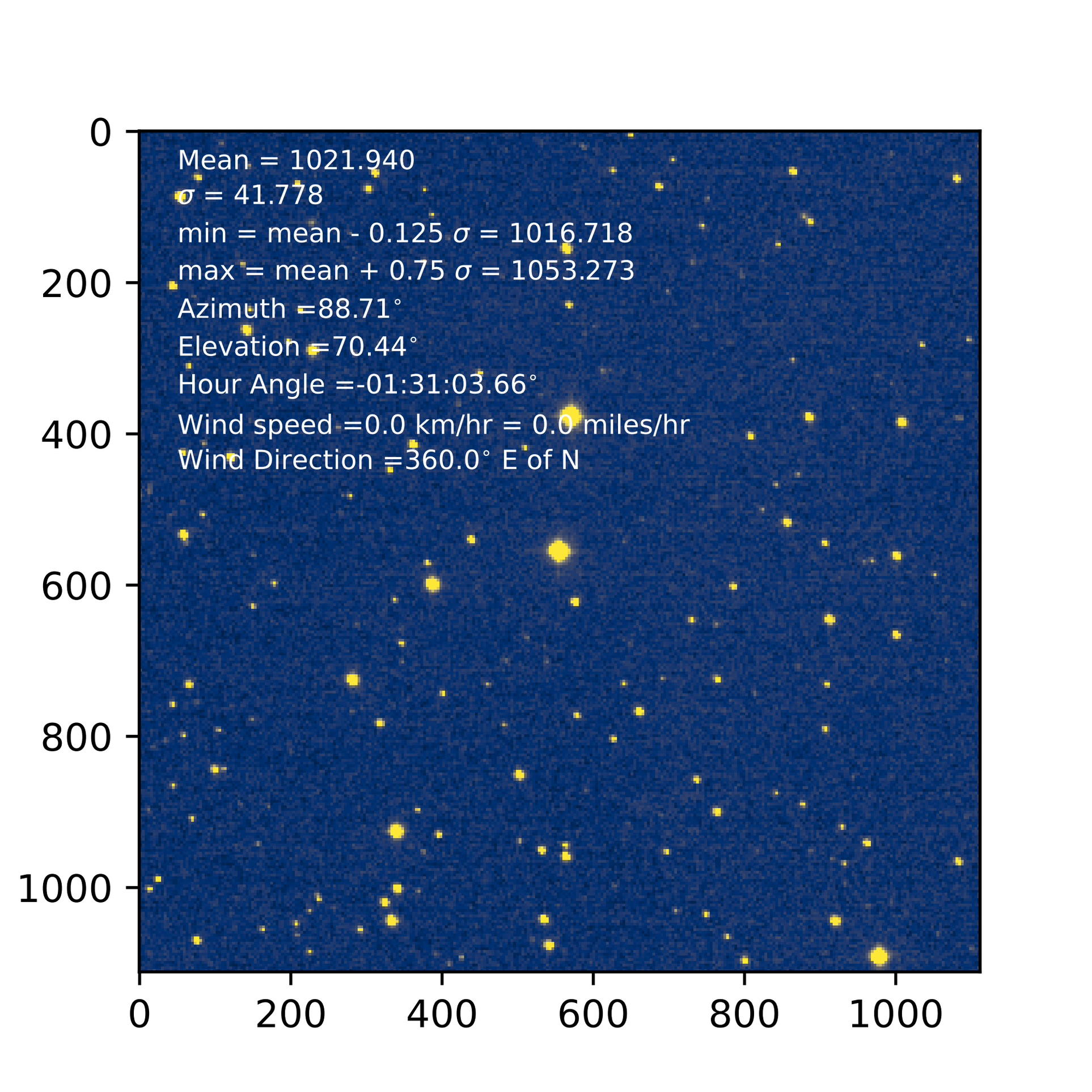
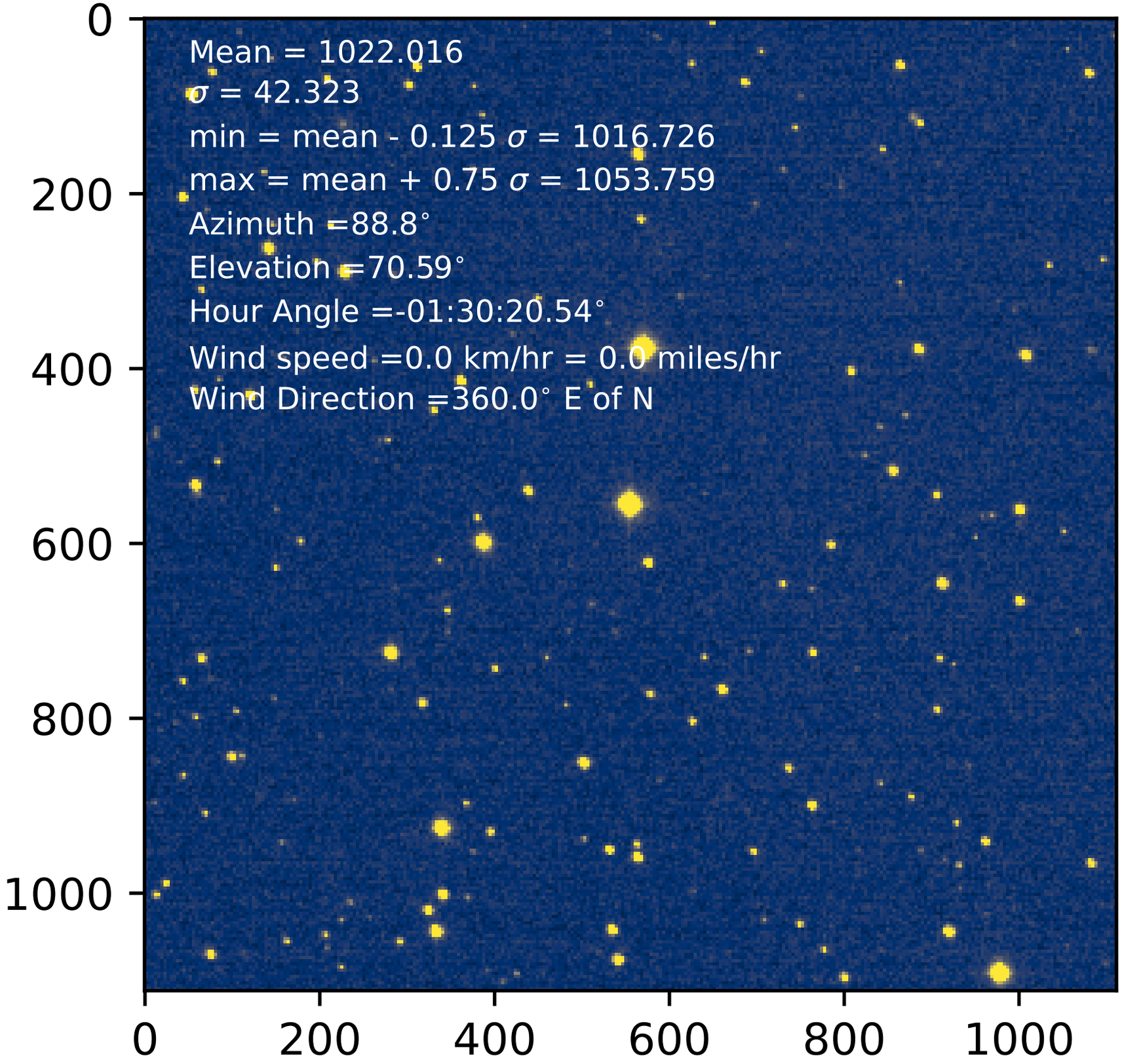
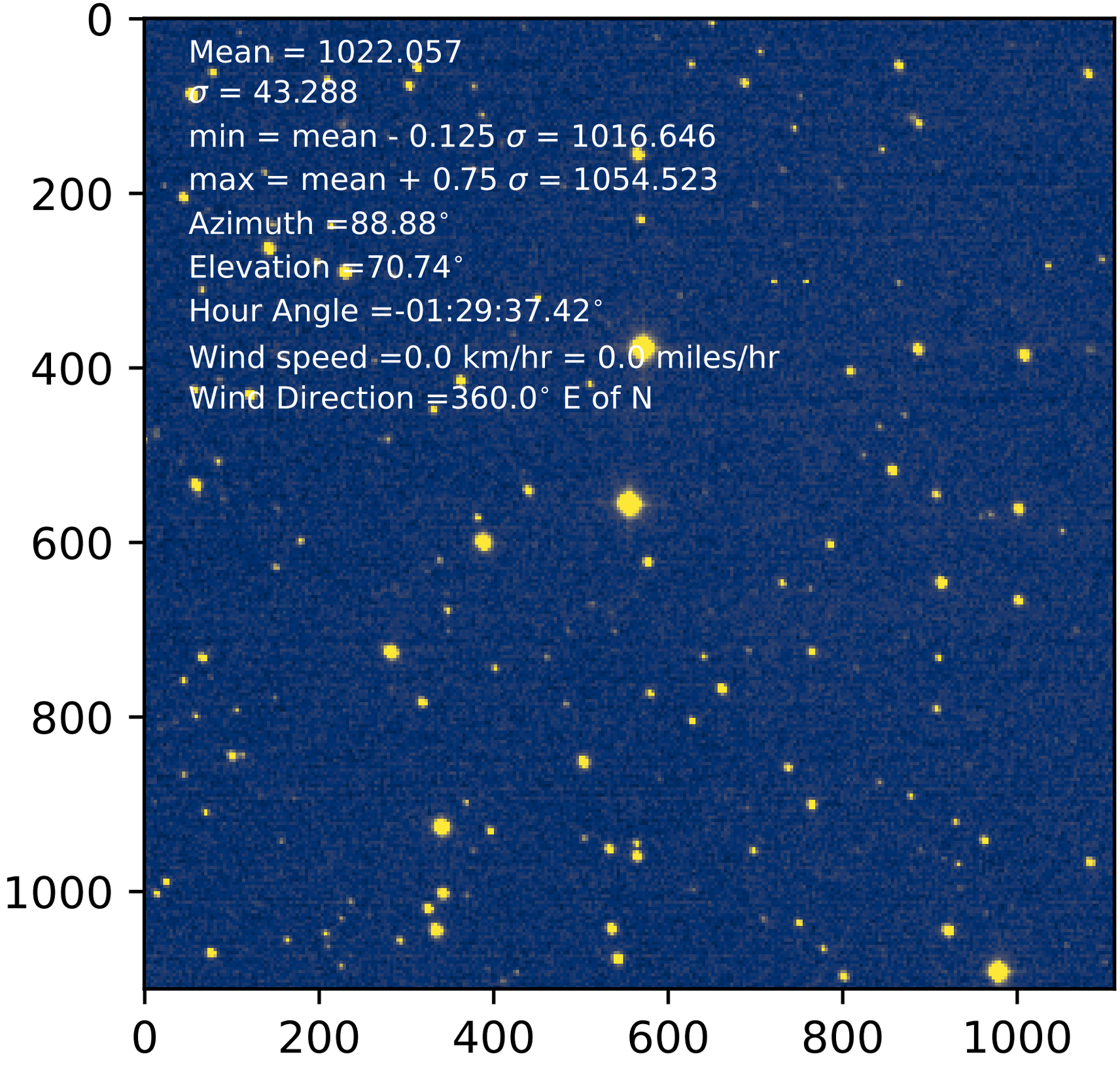
400
600
800
1000

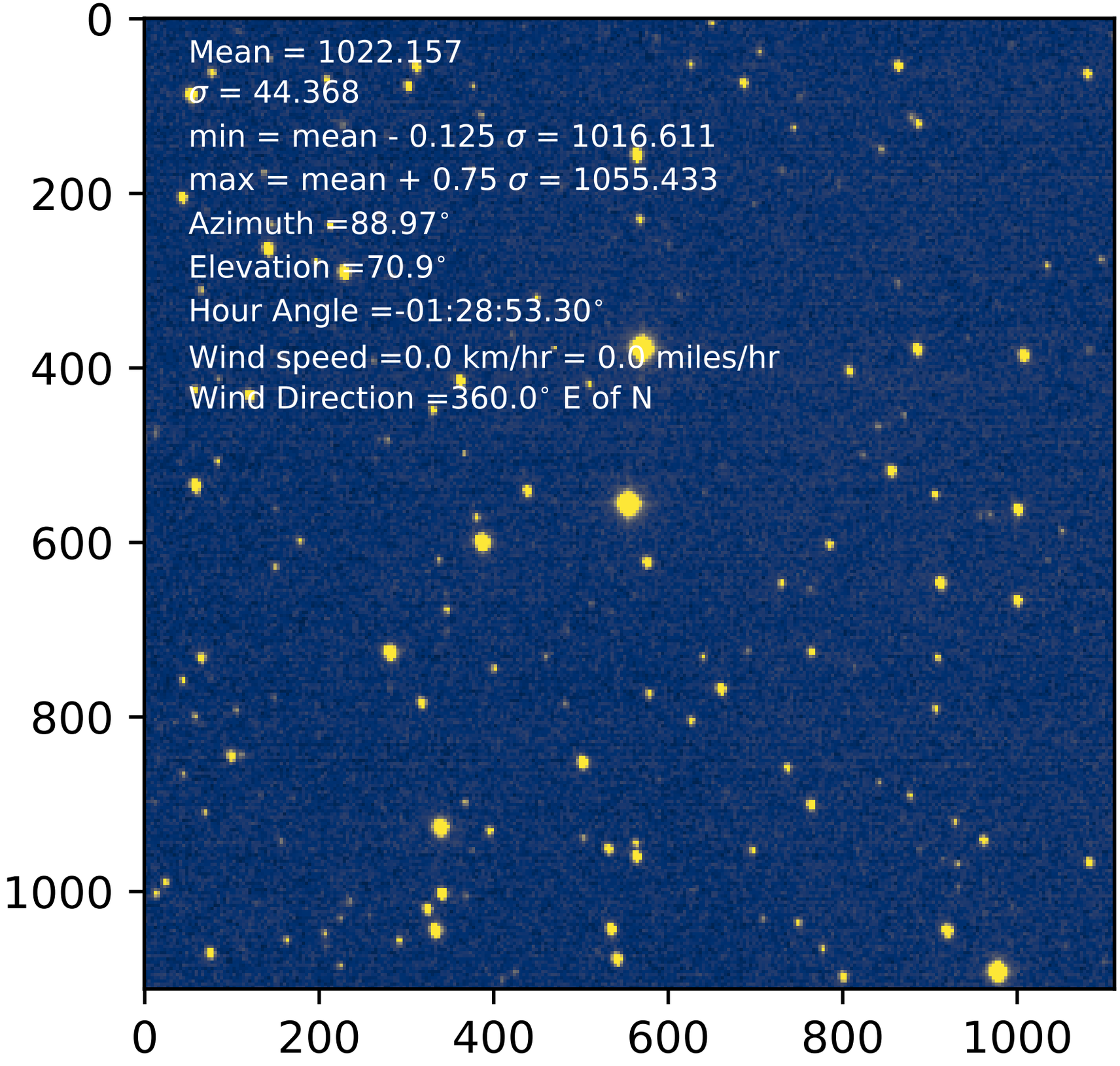

Mean = 1022.023
σ = 42.024
min = mean - 0.125 σ = 1016.77
max = mean + 0.75 σ = 1053.541
Azimuth =88.54°
Elevation =70.12°
Hour Angle =-01:32:31.90°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

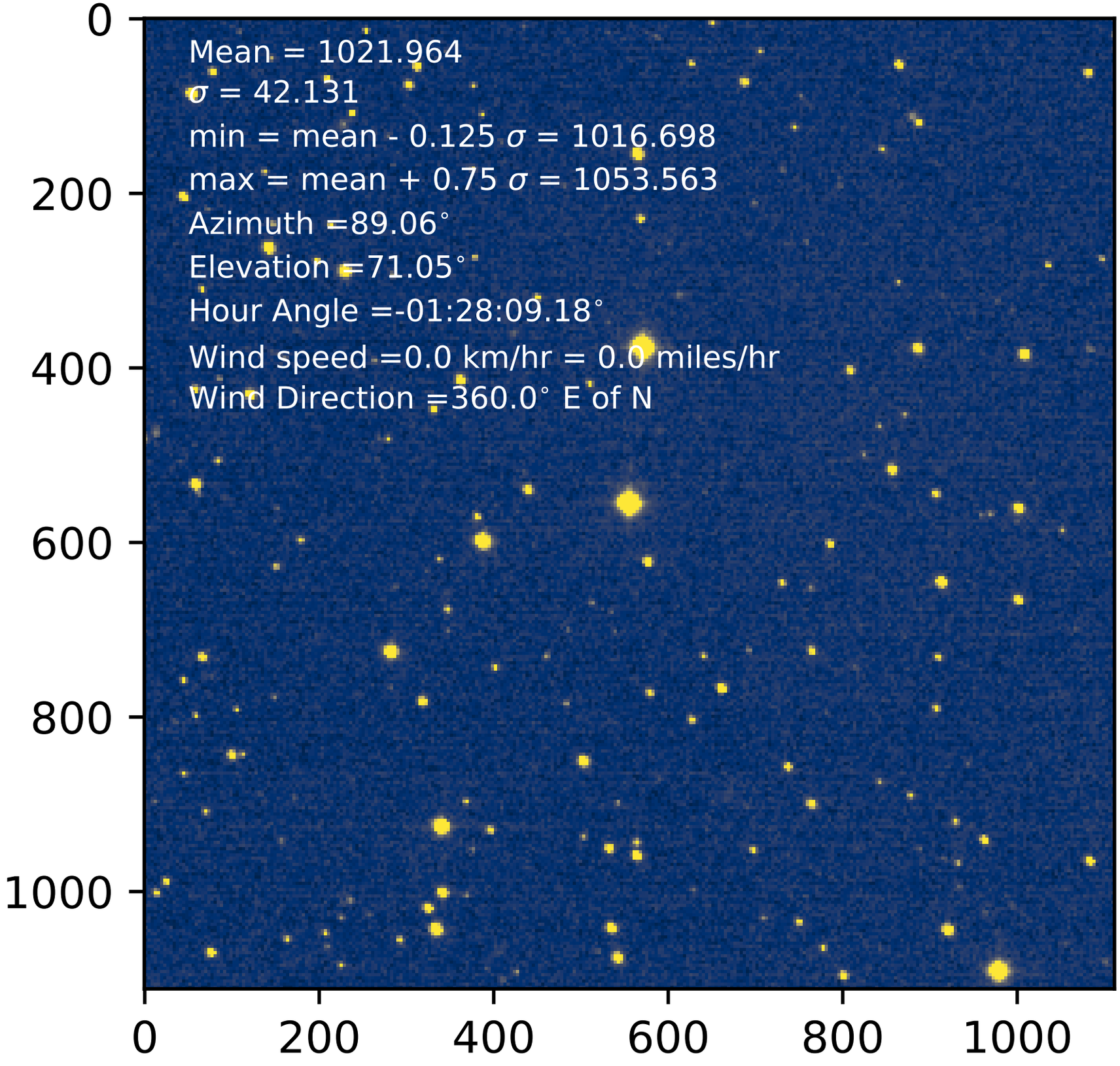

Mean = 1021.956
σ = 42.027
min = mean - 0.125 σ = 1016.703
max = mean + 0.75 σ = 1053.476
Azimuth =88.62°
Elevation =70.28°
Hour Angle =-01:31:47.78°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

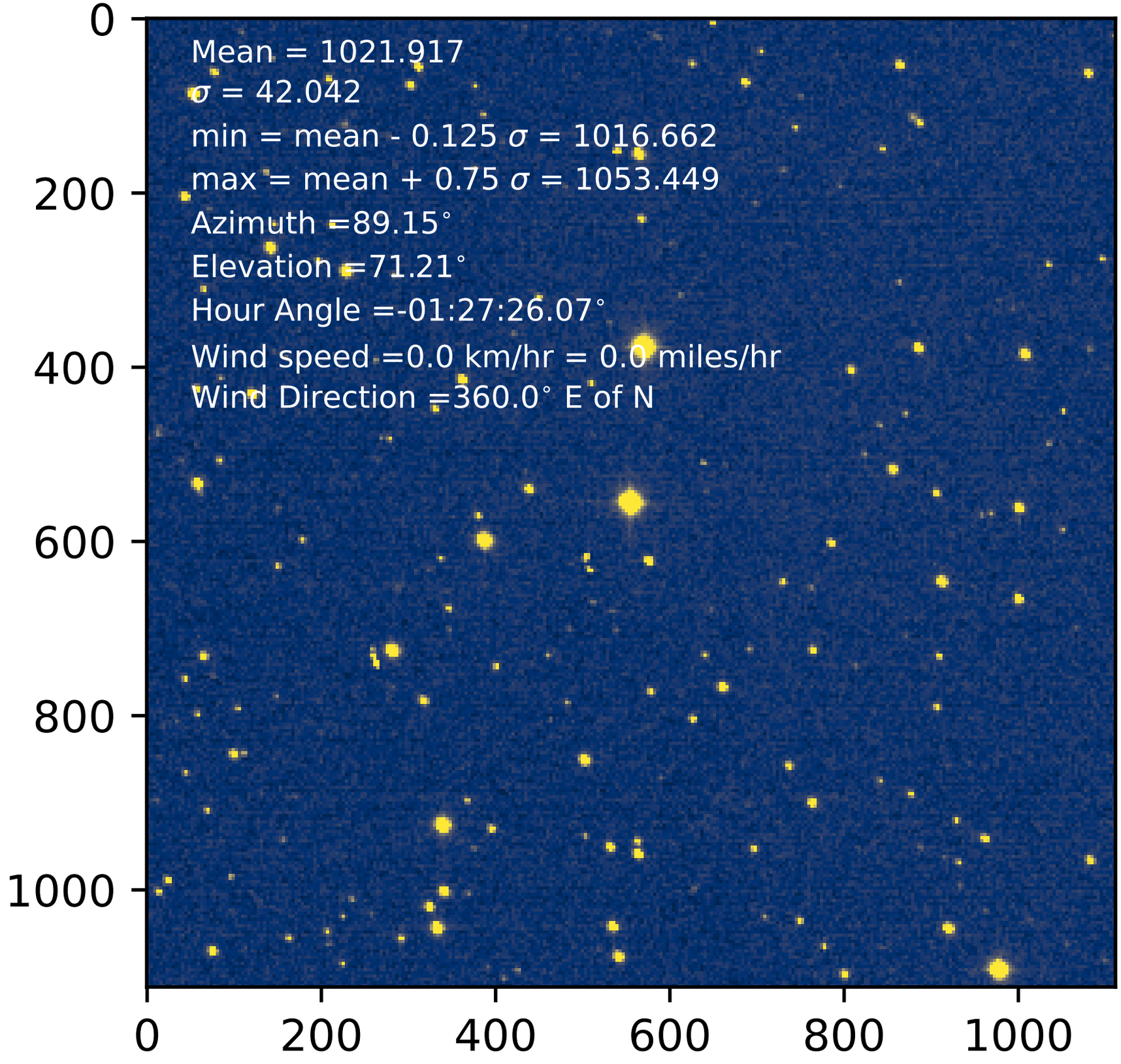

Mean = 1021.940
σ = 41.778
min = mean - 0.125 σ = 1016.718
max = mean + 0.75 σ = 1053.273
Azimuth =88.71°
Elevation =70.44°
Hour Angle =-01:31:03.66°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

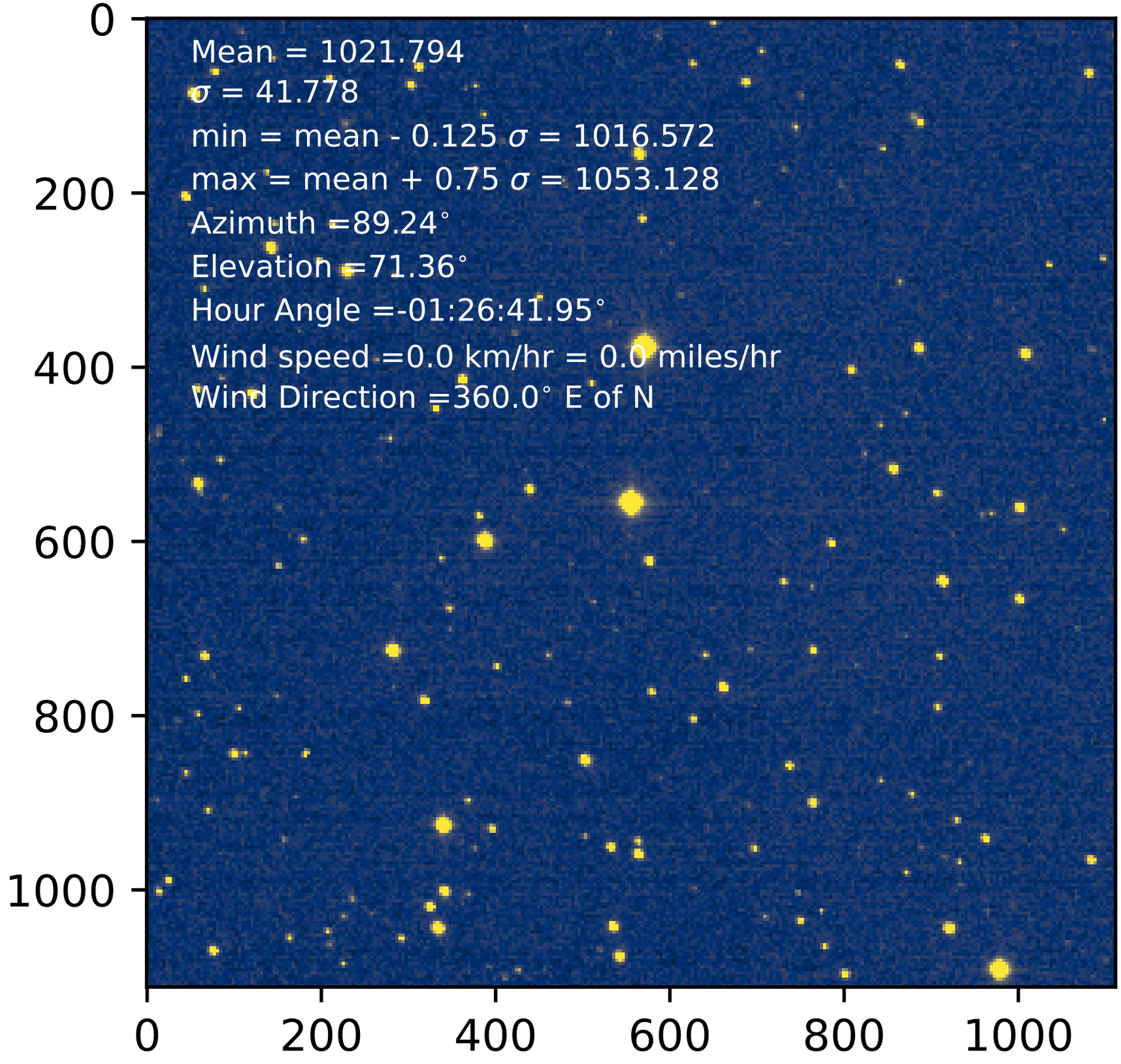

Mean = 1022.016
σ = 42.323
min = mean - 0.125 σ = 1016.726
max = mean + 0.75 σ = 1053.759
Azimuth =88.8°
Elevation =70.59°
Hour Angle =-01:30:20.54°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

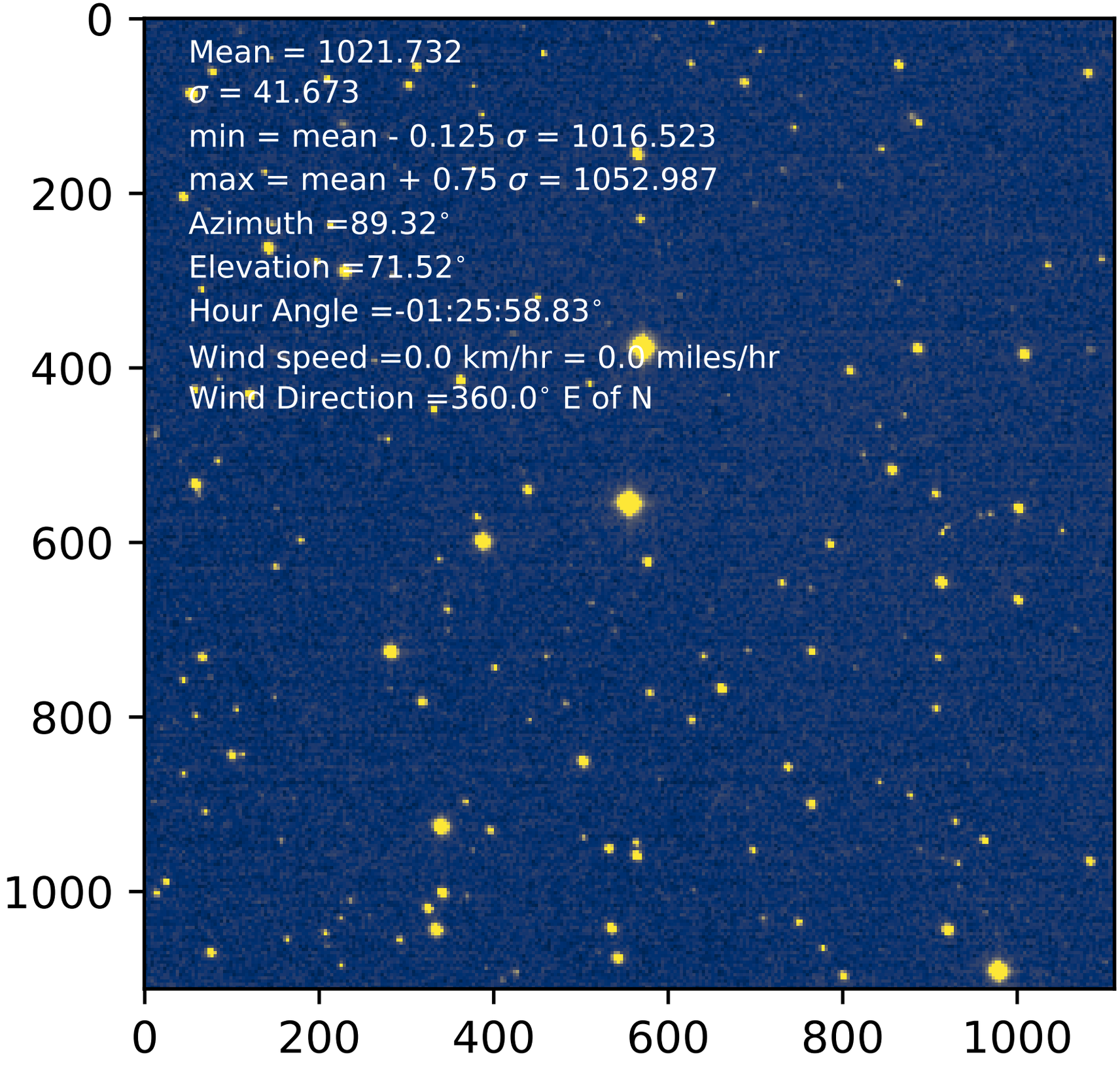

Mean = 1022.057
σ = 43.288
min = mean - 0.125 σ = 1016.646
max = mean + 0.75 σ = 1054.523
Azimuth =88.88°
Elevation =70.74°
Hour Angle =-01:29:37.42°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

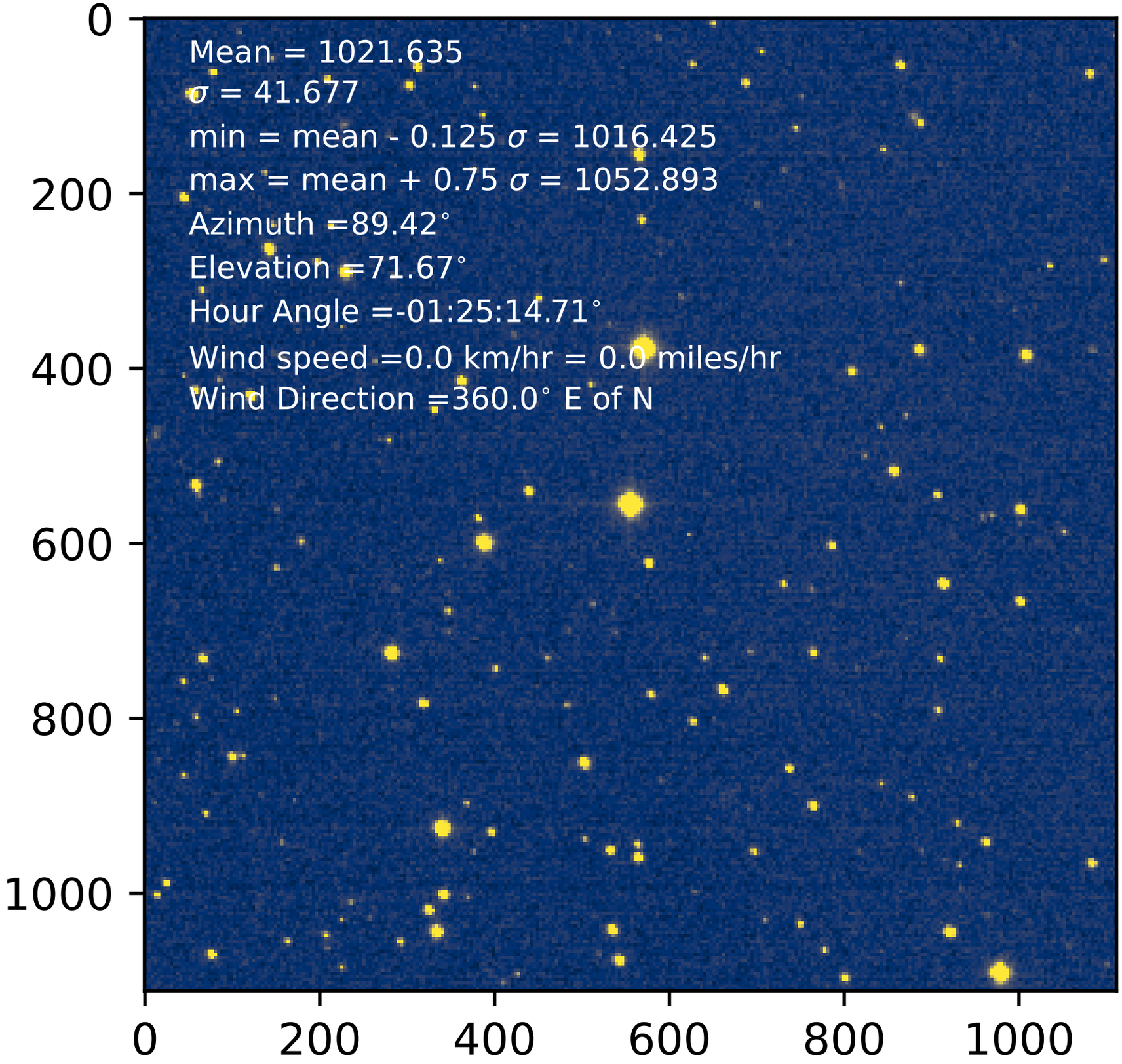

Mean = 1022.157
σ = 44.368
min = mean - 0.125 σ = 1016.611
max = mean + 0.75 σ = 1055.433
Azimuth =88.97°
Elevation =70.9°
Hour Angle =-01:28:53.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

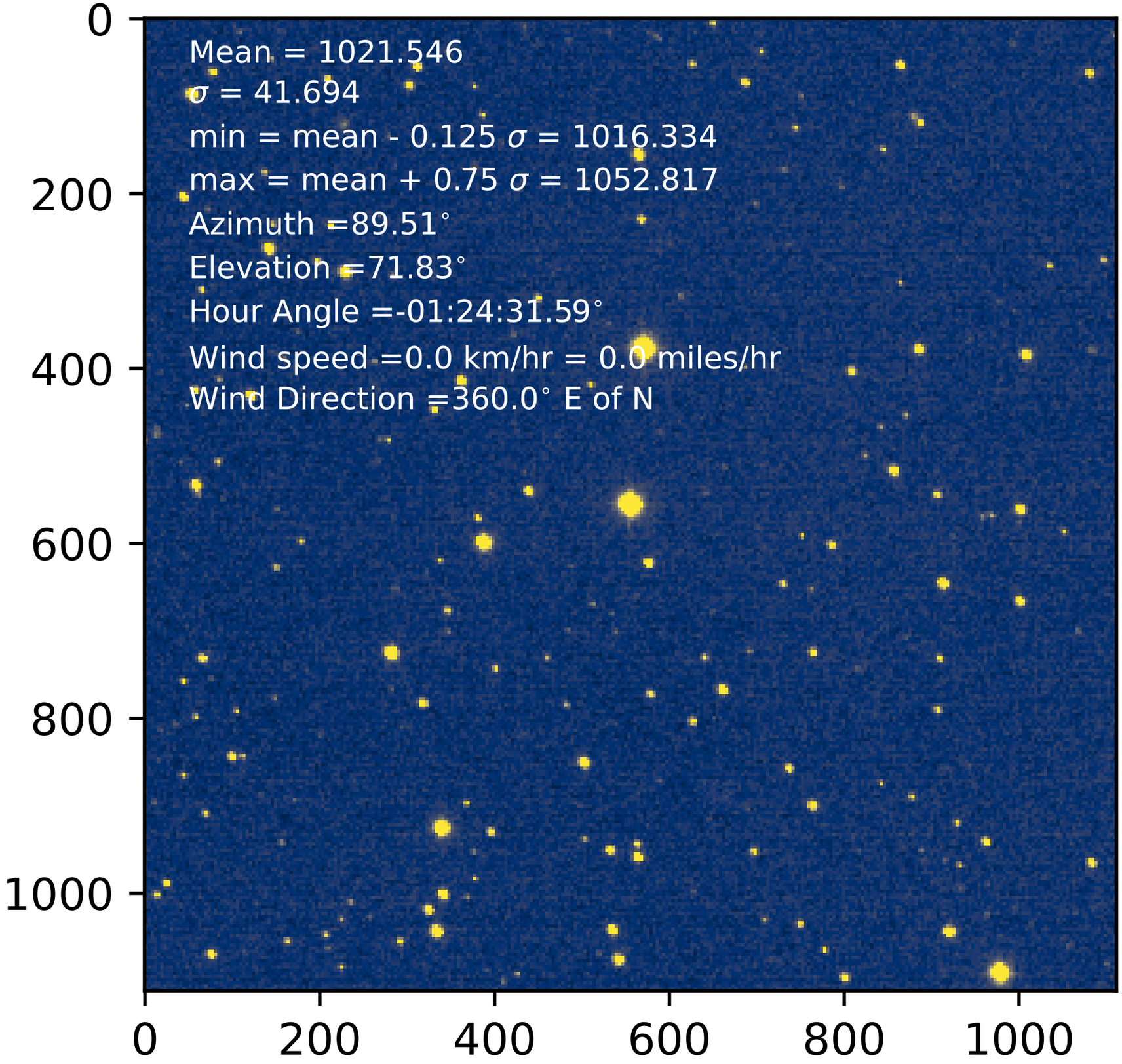

Mean = 1021.964
σ = 42.131
min = mean - 0.125 σ = 1016.698
max = mean + 0.75 σ = 1053.563
Azimuth =89.06°
Elevation =71.05°
Hour Angle =-01:28:09.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

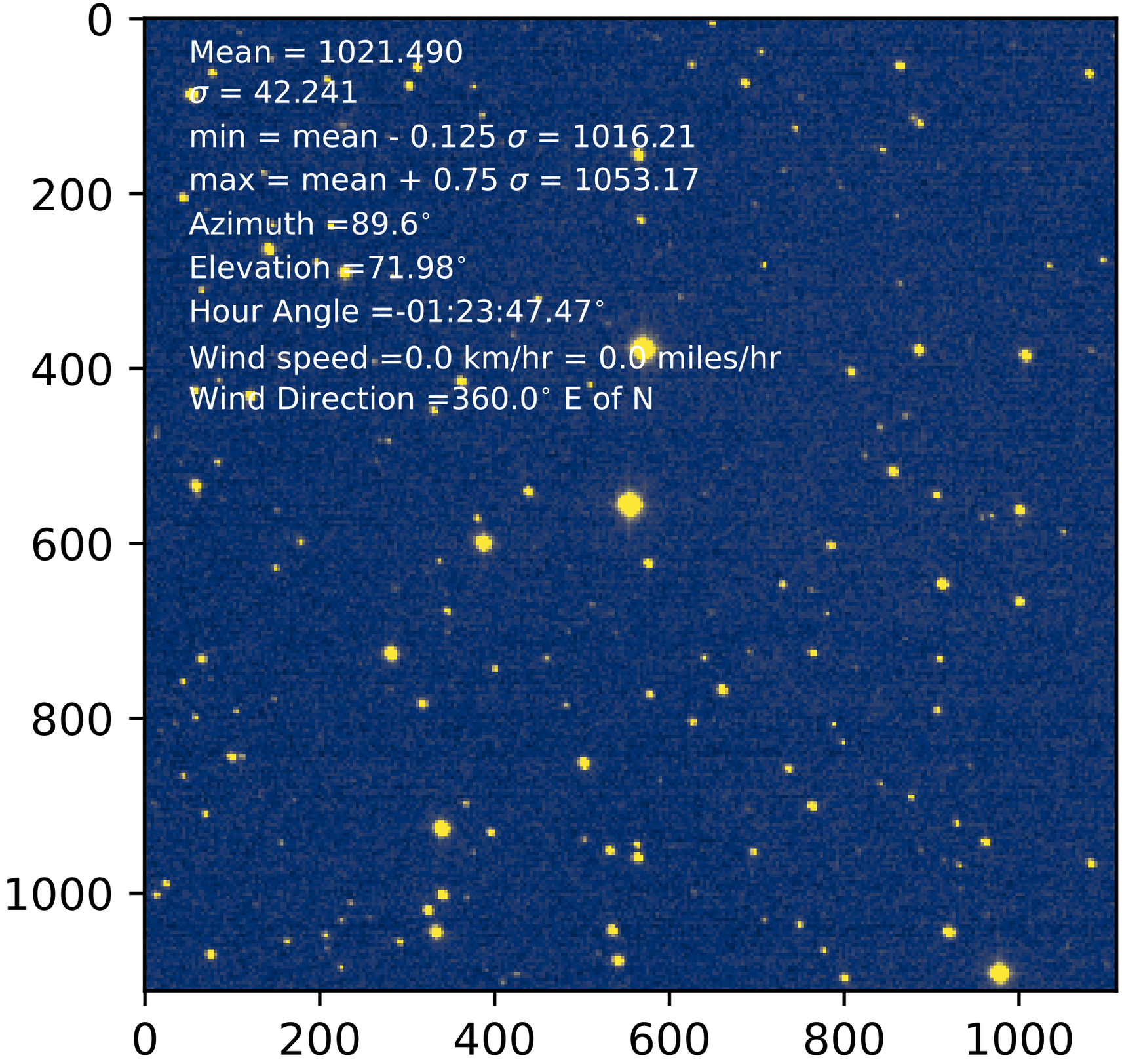

Mean = 1021.917
σ = 42.042
min = mean - 0.125 σ = 1016.662
max = mean + 0.75 σ = 1053.449
Azimuth =89.15°
Elevation =71.21°
Hour Angle =-01:27:26.07°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

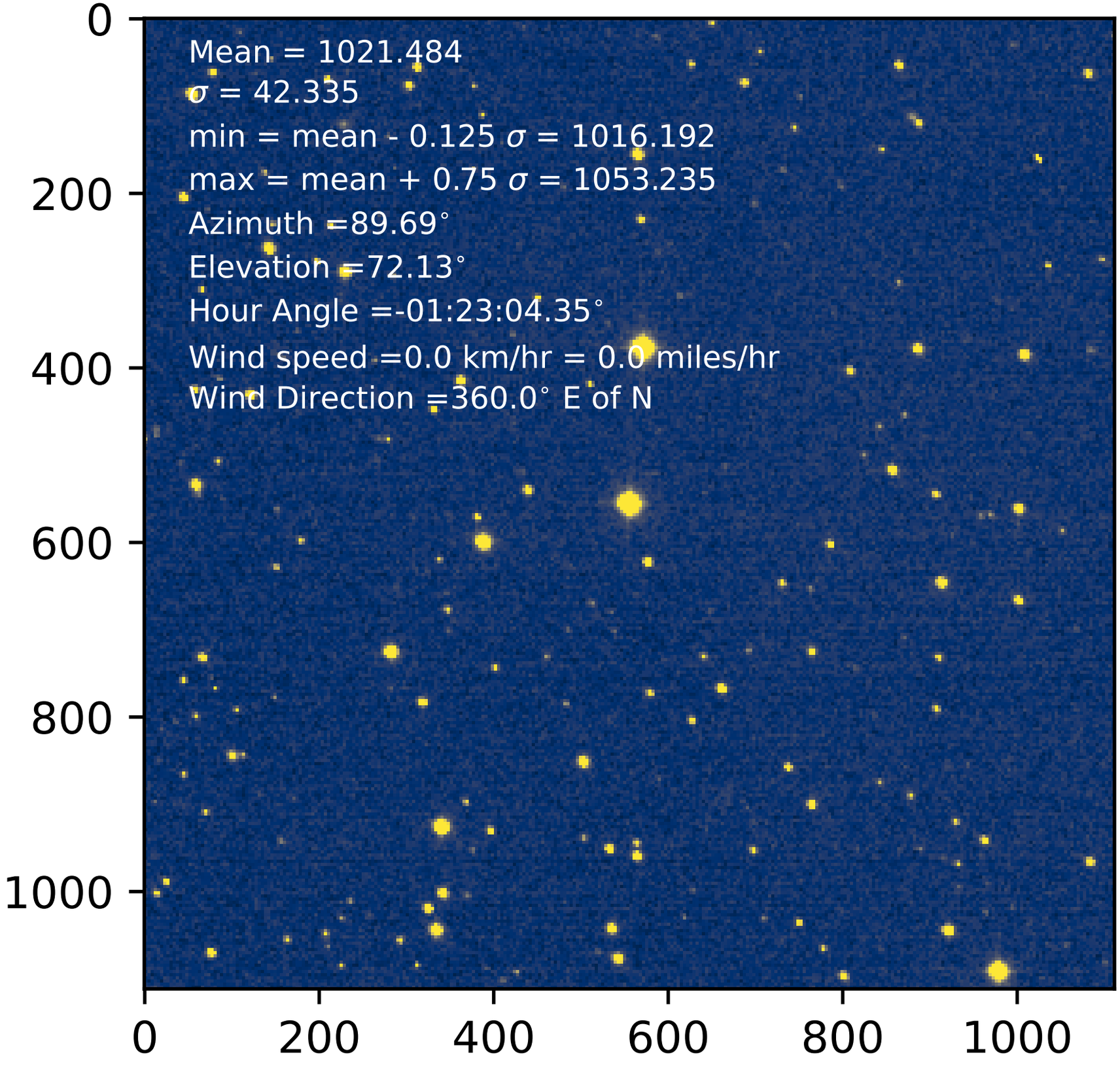

Mean = 1021.794
σ = 41.778
min = mean - 0.125 σ = 1016.572
max = mean + 0.75 σ = 1053.128
Azimuth =89.24°
Elevation =71.36°
Hour Angle =-01:26:41.95°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

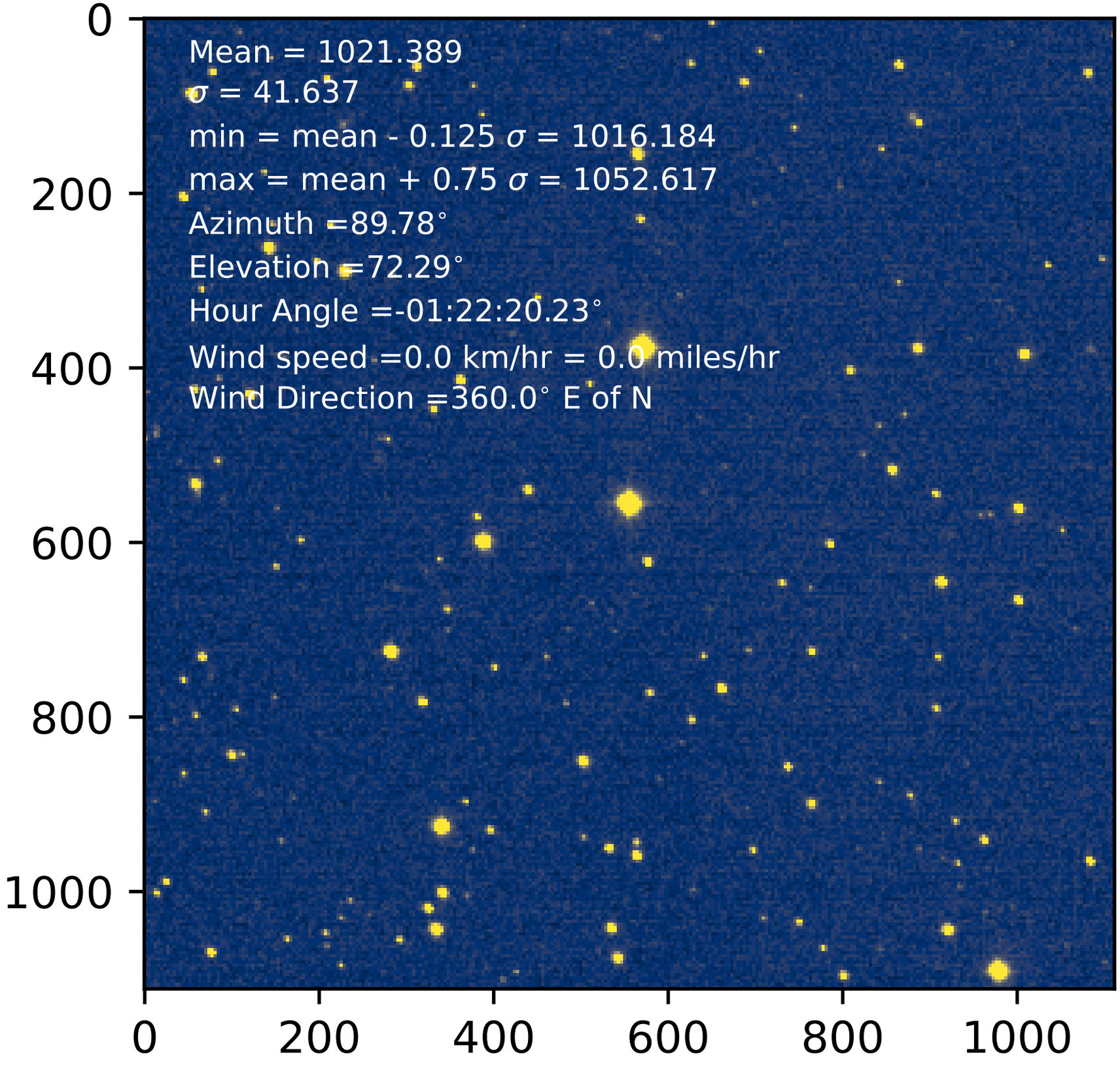

Mean = 1021.732
σ = 41.673
min = mean - 0.125 σ = 1016.523
max = mean + 0.75 σ = 1052.987
Azimuth =89.32°
Elevation =71.52°
Hour Angle =-01:25:58.83°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

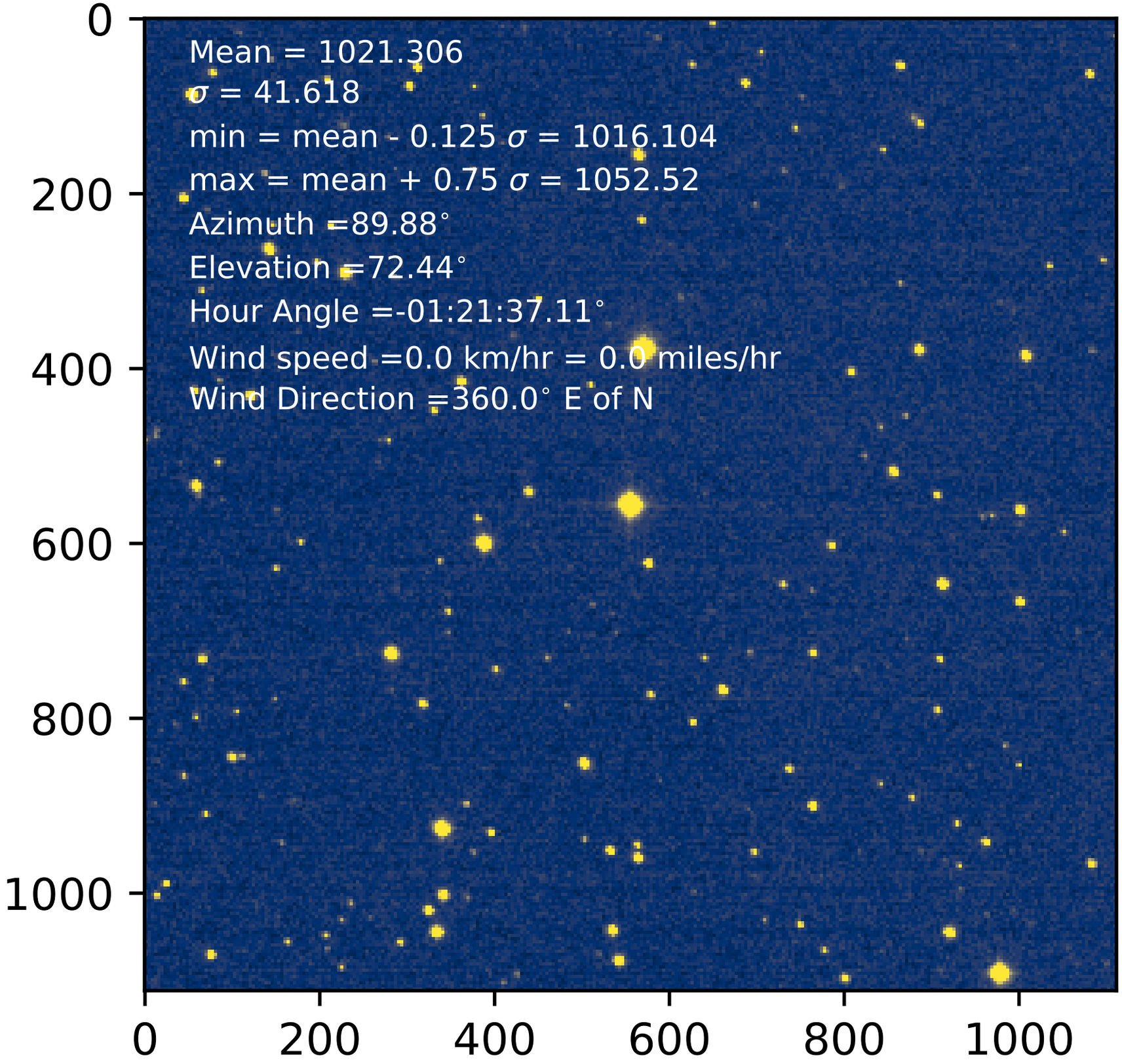

Mean = 1021.635
σ = 41.677
min = mean - 0.125 σ = 1016.425
max = mean + 0.75 σ = 1052.893
Azimuth =89.42°
Elevation =71.67°
Hour Angle =-01:25:14.71°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

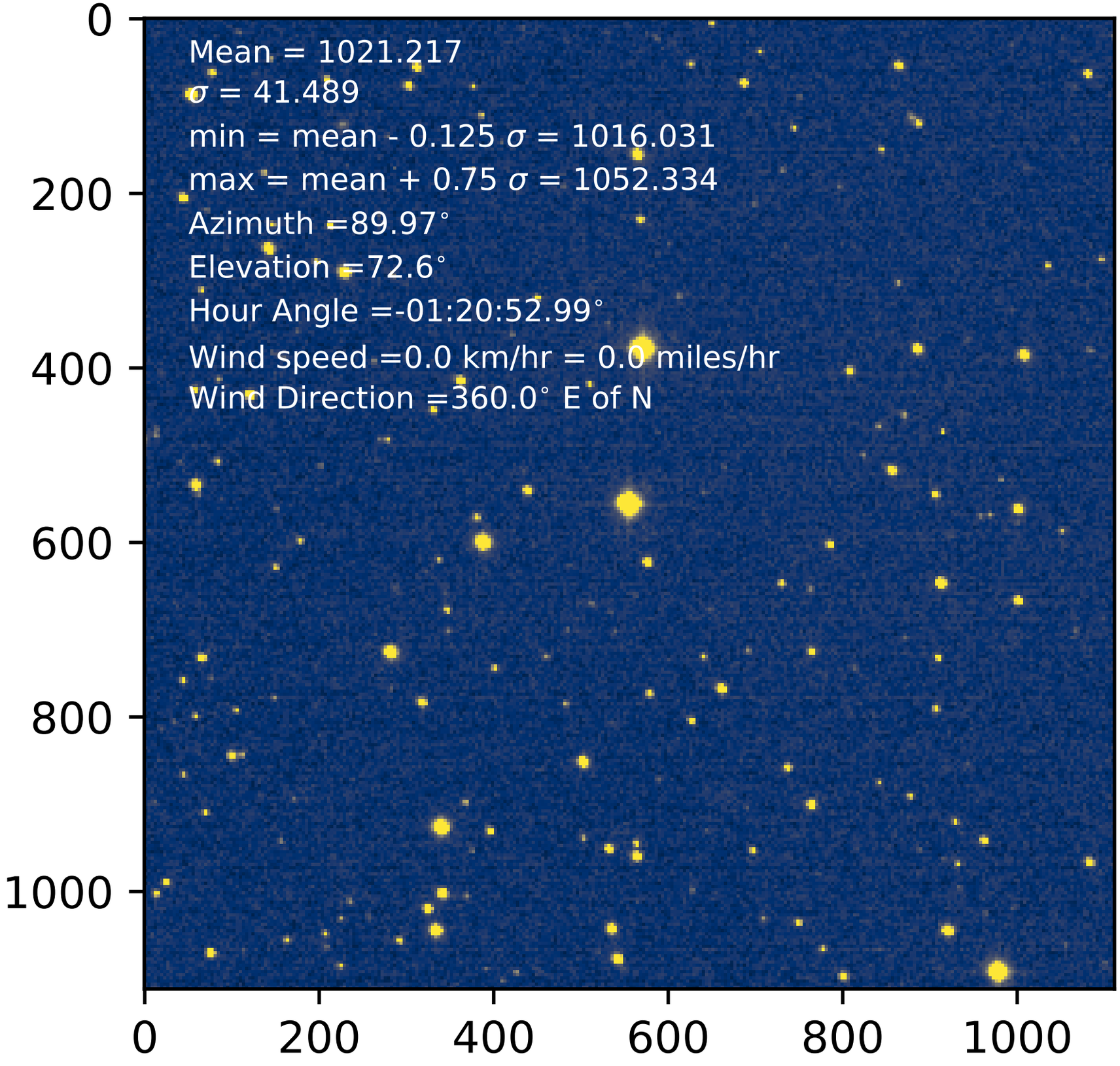

Mean = 1021.546
σ = 41.694
min = mean - 0.125 σ = 1016.334
max = mean + 0.75 σ = 1052.817
Azimuth =89.51°
Elevation =71.83°
Hour Angle =-01:24:31.59°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

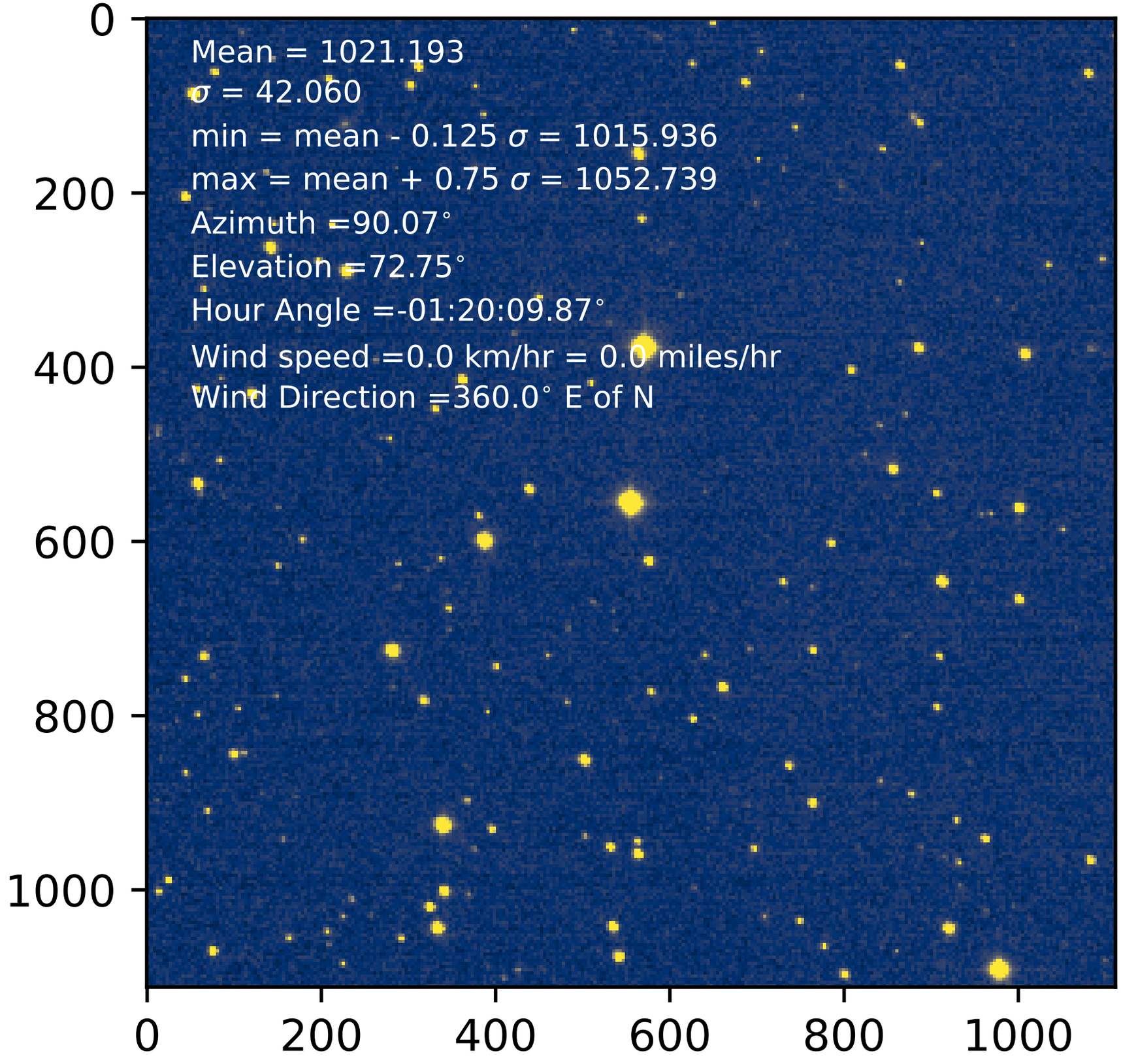

Mean = 1021.490
σ = 42.241
min = mean - 0.125 σ = 1016.21
max = mean + 0.75 σ = 1053.17
Azimuth =89.6°
Elevation =71.98°
Hour Angle =-01:23:47.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

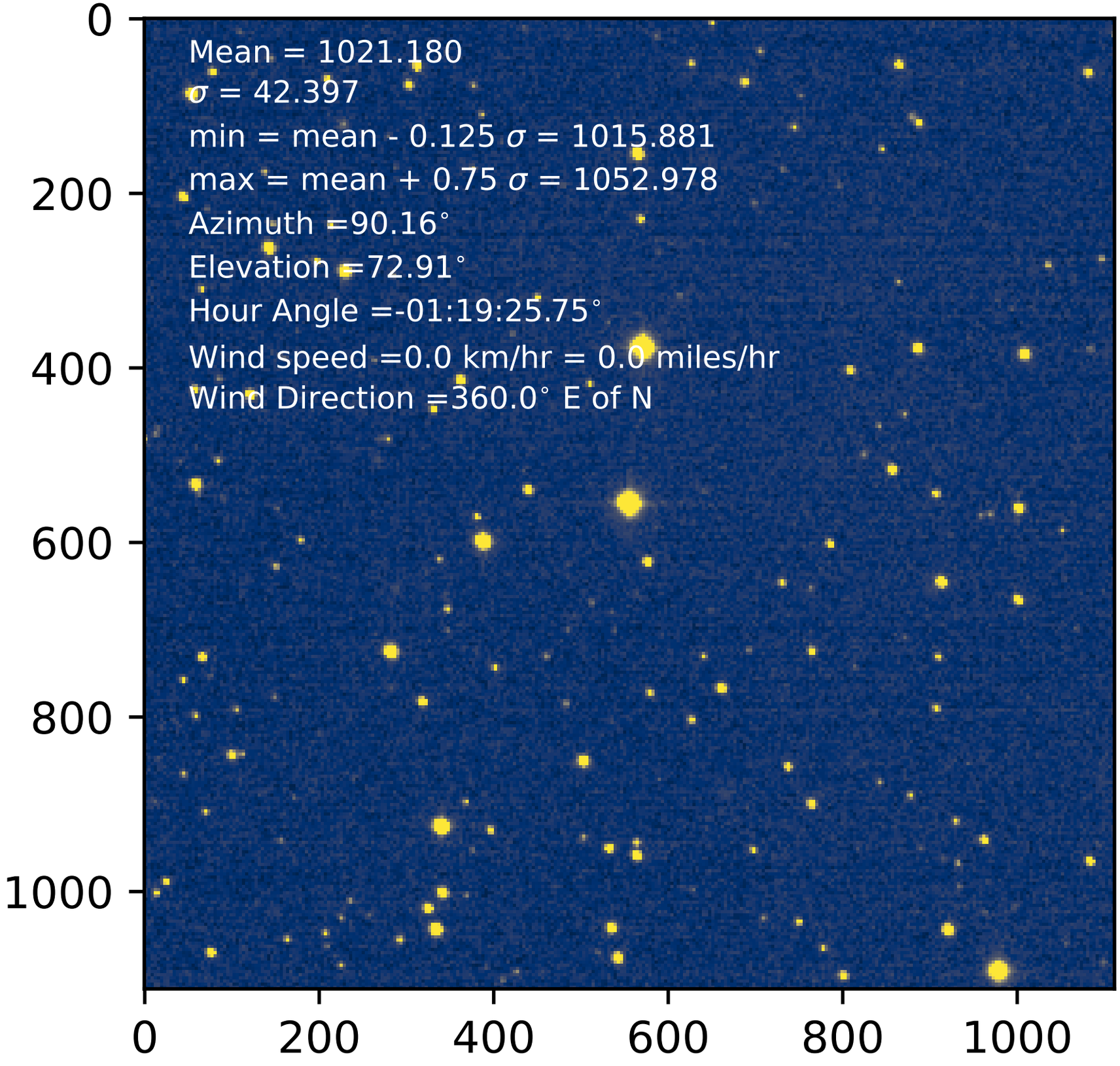

Mean = 1021.484
σ = 42.335
min = mean - 0.125 σ = 1016.192
max = mean + 0.75 σ = 1053.235
Azimuth =89.69°
Elevation =72.13°
Hour Angle =-01:23:04.35°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

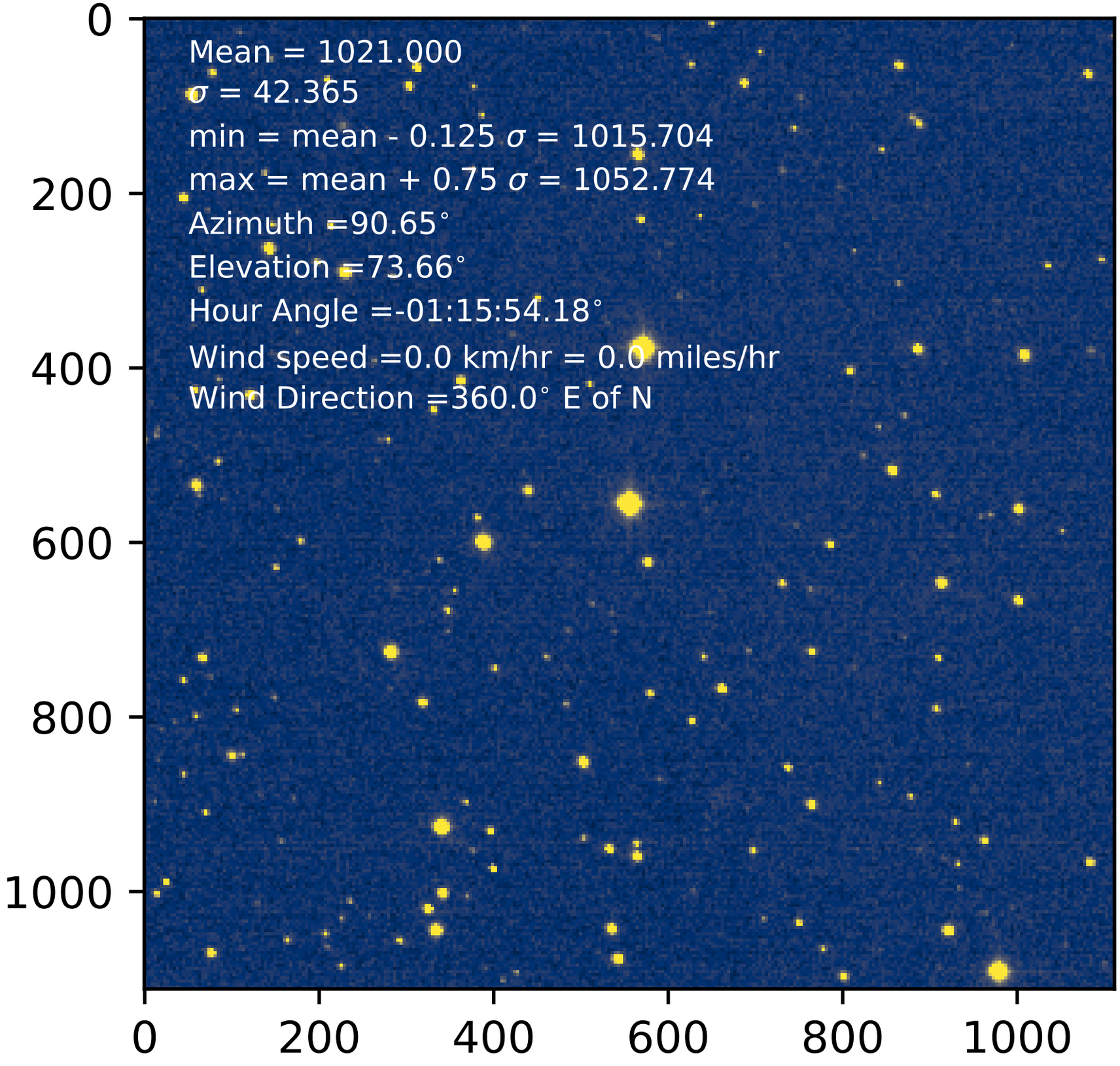

Mean = 1021.389
σ = 41.637
min = mean - 0.125 σ = 1016.184
max = mean + 0.75 σ = 1052.617
Azimuth =89.78°
Elevation =72.29°
Hour Angle =-01:22:20.23°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

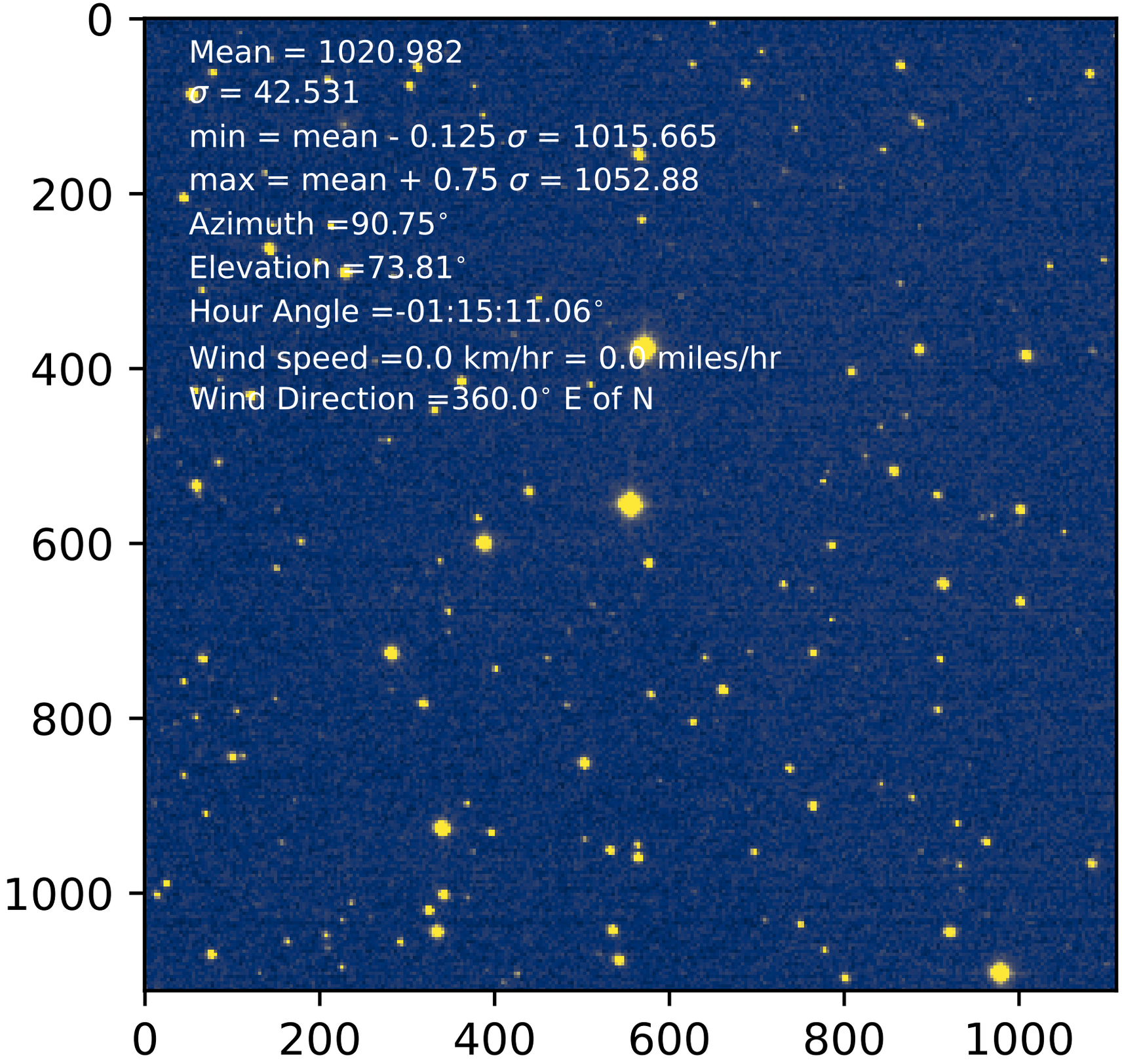

Mean = 1021.306
σ = 41.618
min = mean - 0.125 σ = 1016.104
max = mean + 0.75 σ = 1052.52
Azimuth =89.88°
Elevation =72.44°
Hour Angle =-01:21:37.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

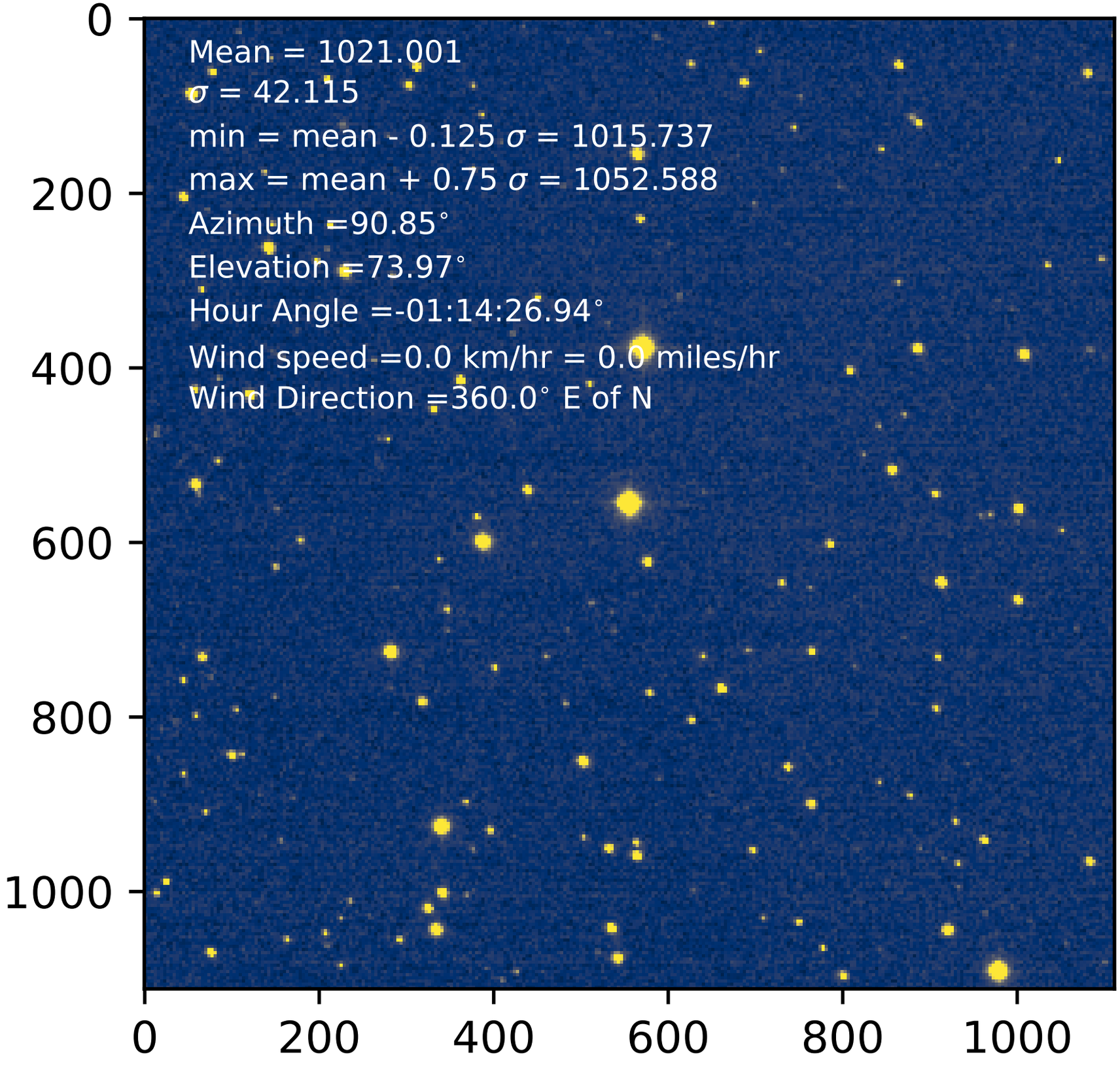

Mean = 1021.217
σ = 41.489
min = mean - 0.125 σ = 1016.031
max = mean + 0.75 σ = 1052.334
Azimuth =89.97°
Elevation =72.6°
Hour Angle =-01:20:52.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

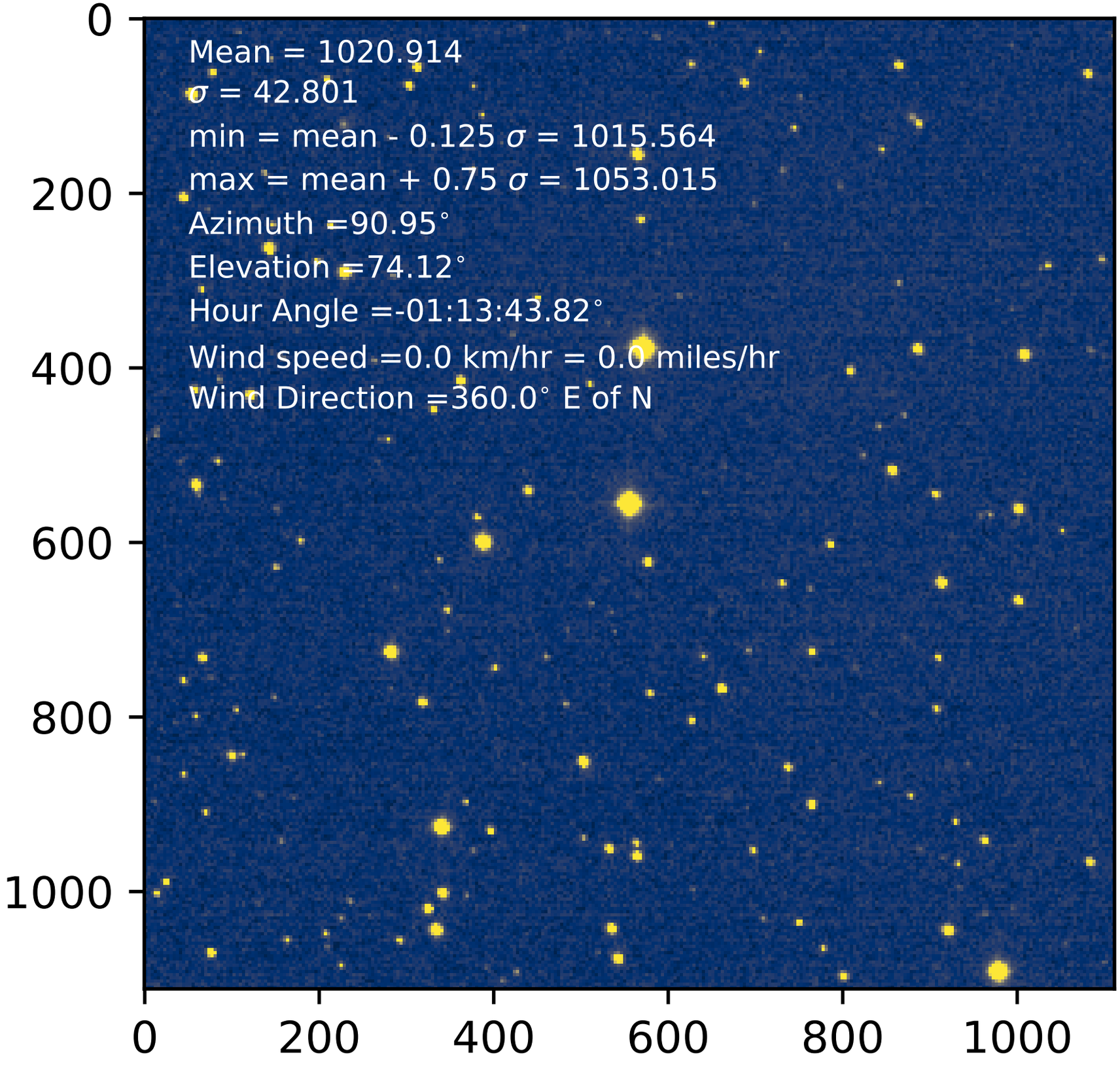

Mean = 1021.193
σ = 42.060
min = mean - 0.125 σ = 1015.936
max = mean + 0.75 σ = 1052.739
Azimuth =90.07°
Elevation =72.75°
Hour Angle =-01:20:09.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

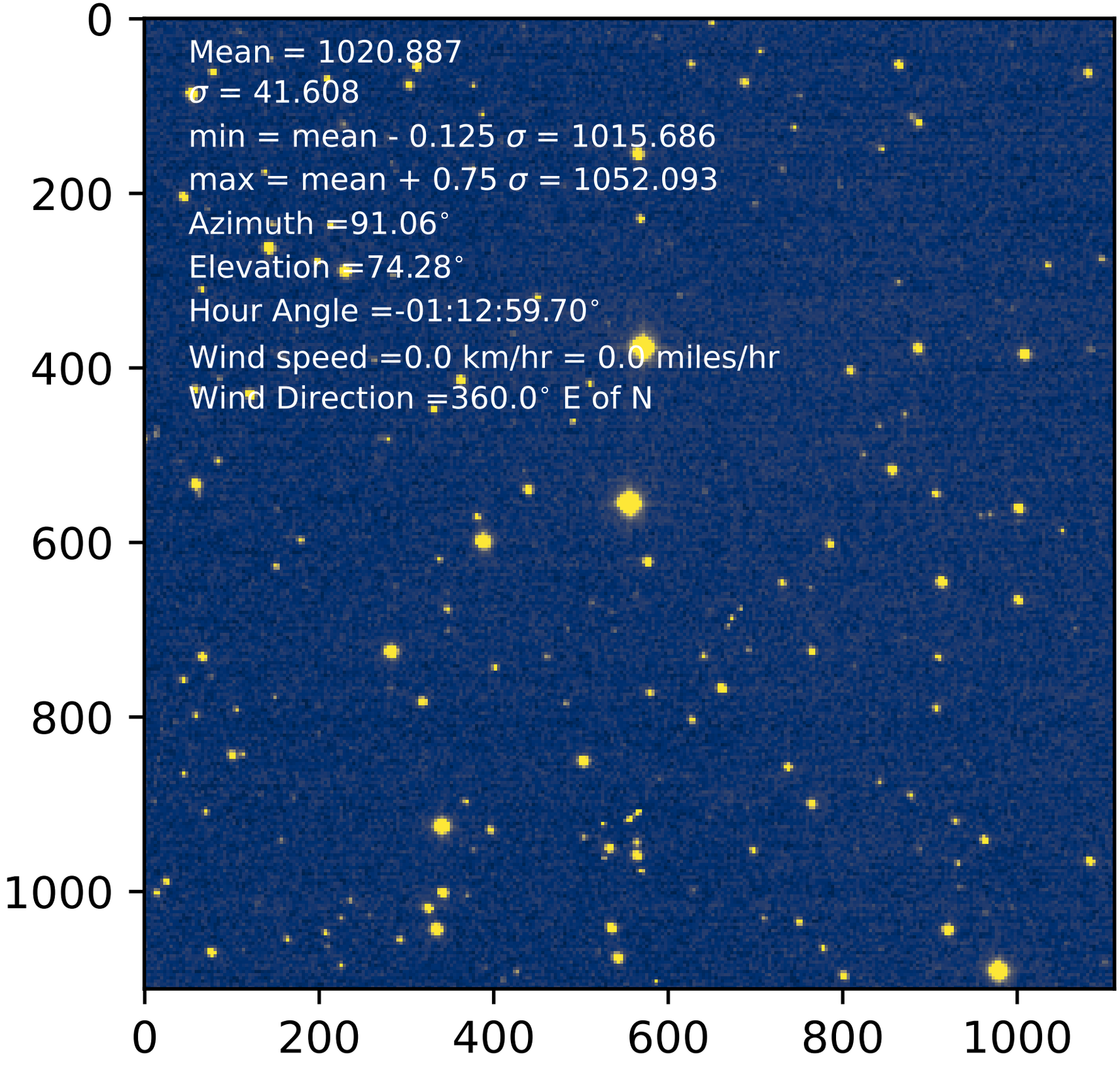

Mean = 1021.180
σ = 42.397
min = mean - 0.125 σ = 1015.881
max = mean + 0.75 σ = 1052.978
Azimuth =90.16°
Elevation =72.91°
Hour Angle =-01:19:25.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

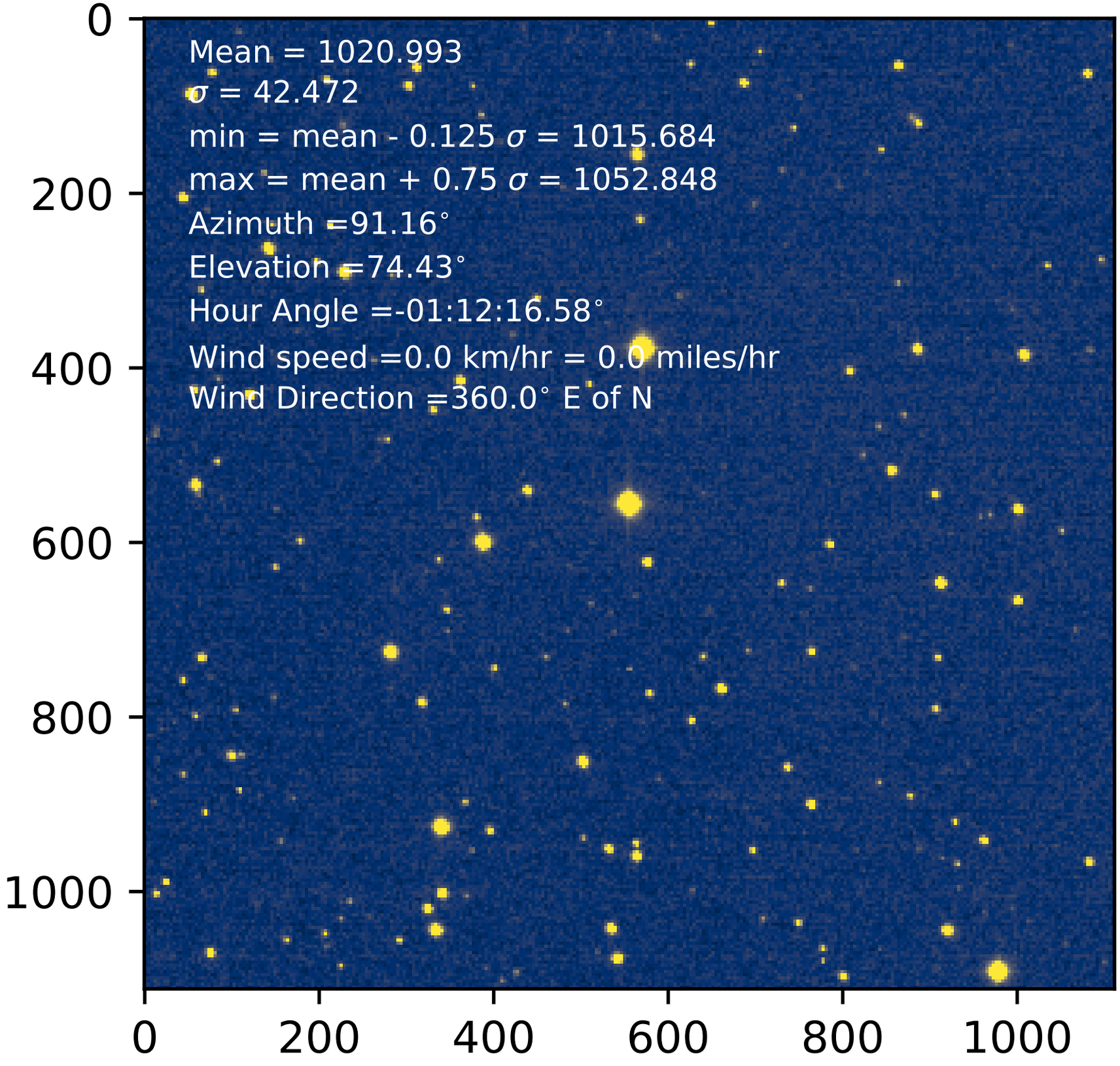

Mean = 1021.000
σ = 42.365
min = mean - 0.125 σ = 1015.704
max = mean + 0.75 σ = 1052.774
Azimuth =90.65°
Elevation =73.66°
Hour Angle =-01:15:54.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.982
σ = 42.531
min = mean - 0.125 σ = 1015.665
max = mean + 0.75 σ = 1052.88
Azimuth =90.75°
Elevation =73.81°
Hour Angle =-01:15:11.06°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.001
σ = 42.115
min = mean - 0.125 σ = 1015.737
max = mean + 0.75 σ = 1052.588
Azimuth =90.85°
Elevation =73.97°
Hour Angle =-01:14:26.94°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.914
σ = 42.801
min = mean - 0.125 σ = 1015.564
max = mean + 0.75 σ = 1053.015
Azimuth =90.95°
Elevation =74.12°
Hour Angle =-01:13:43.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.887
σ = 41.608
min = mean - 0.125 σ = 1015.686
max = mean + 0.75 σ = 1052.093
Azimuth =91.06°
Elevation =74.28°
Hour Angle =-01:12:59.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.993
σ = 42.472
min = mean - 0.125 σ = 1015.684
max = mean + 0.75 σ = 1052.848
Azimuth =91.16°
Elevation =74.43°
Hour Angle =-01:12:16.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
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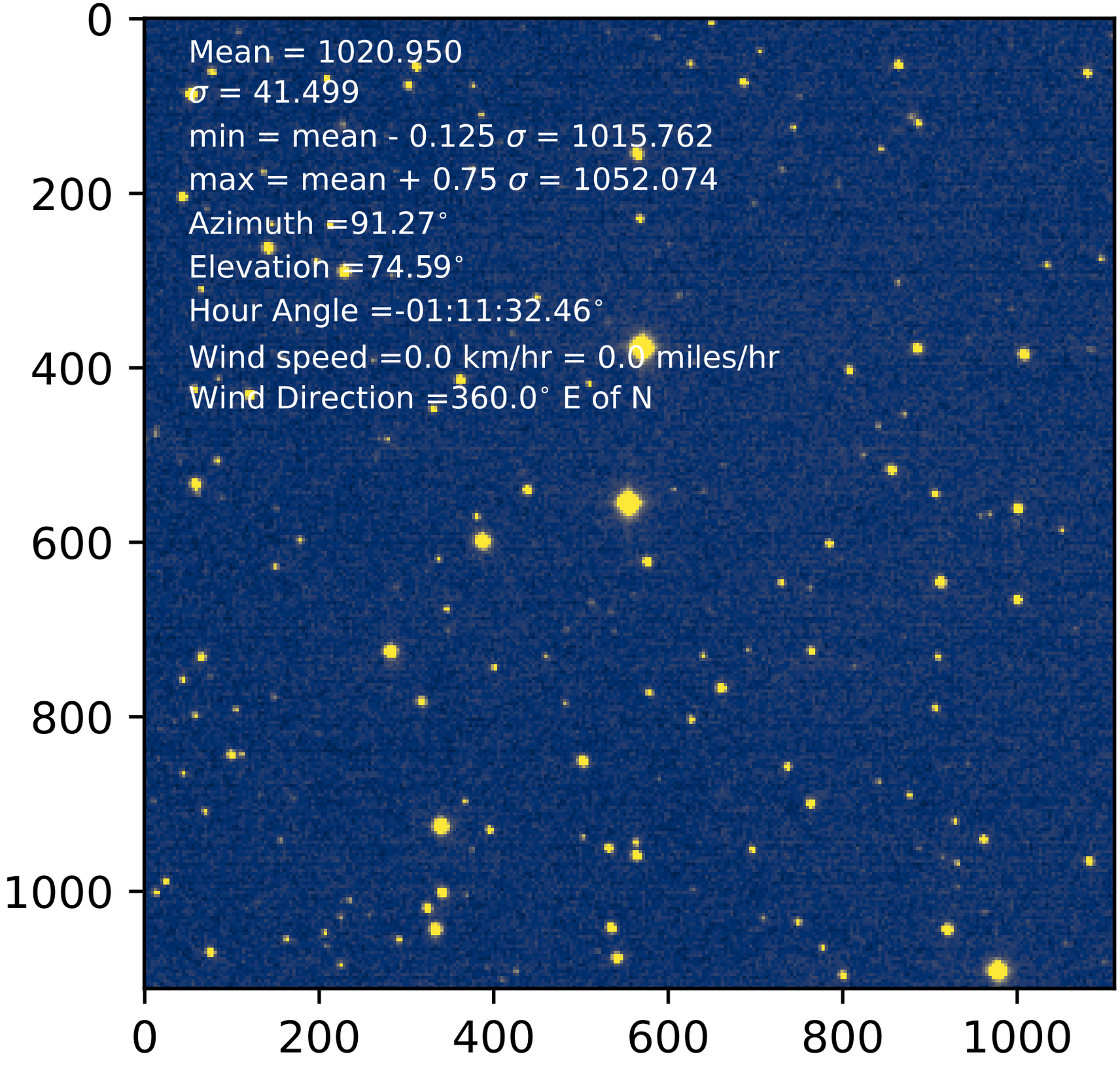
Mean = 1020.950
σ = 41.499
min = mean - 0.125 σ = 1015.762
max = mean + 0.75 σ = 1052.074
Azimuth =91.27°
Elevation =74.59°
Hour Angle =-01:11:32.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
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400
600
800
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400
600
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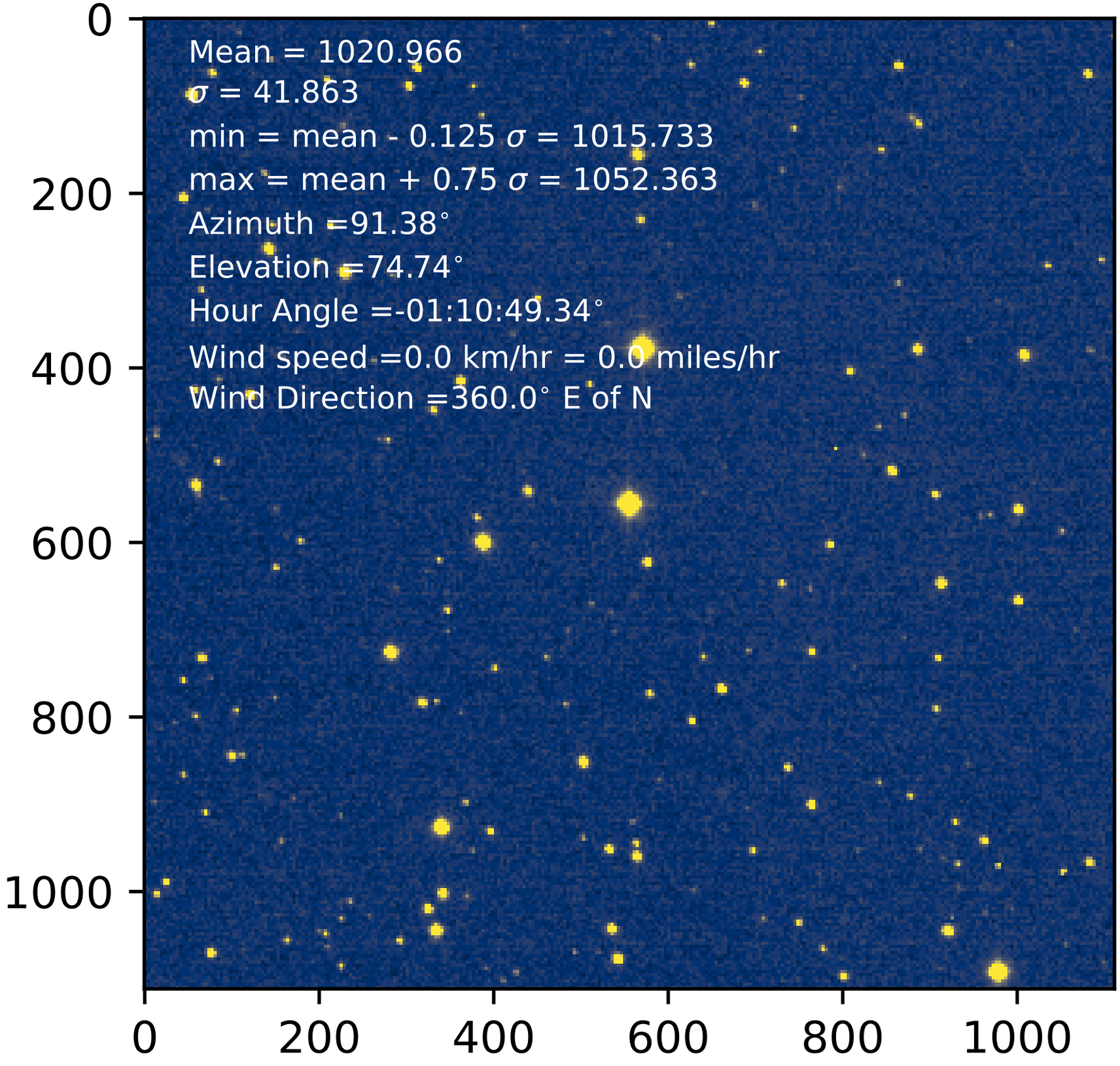
Mean = 1020.966
σ = 41.863
min = mean - 0.125 σ = 1015.733
max = mean + 0.75 σ = 1052.363
Azimuth =91.38°
Elevation =74.74°
Hour Angle =-01:10:49.34°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
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800
1000
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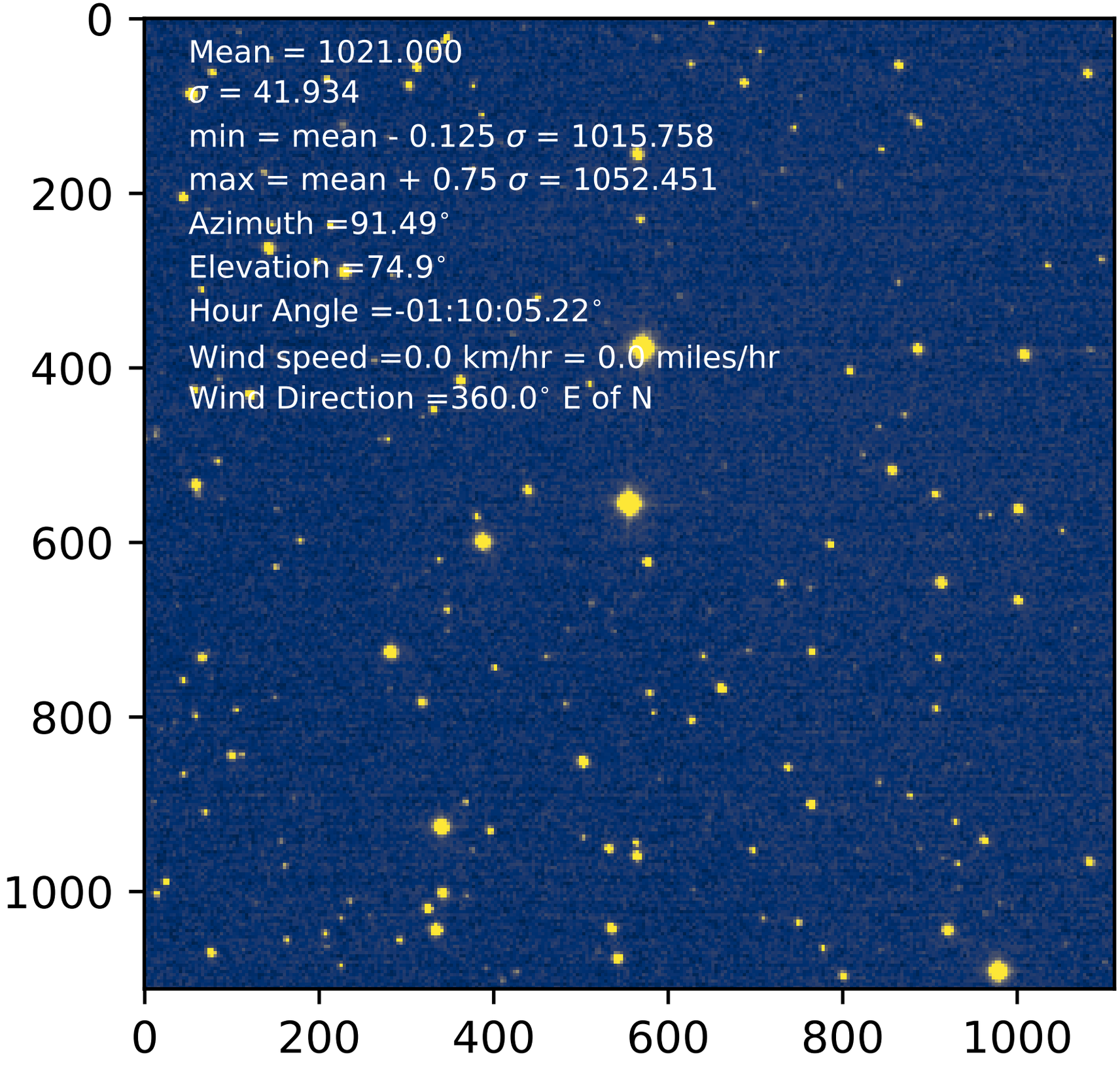
Mean = 1021.000
σ = 41.934
min = mean - 0.125 σ = 1015.758
max = mean + 0.75 σ = 1052.451
Azimuth =91.49°
Elevation =74.9°
Hour Angle =-01:10:05.22°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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400
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800
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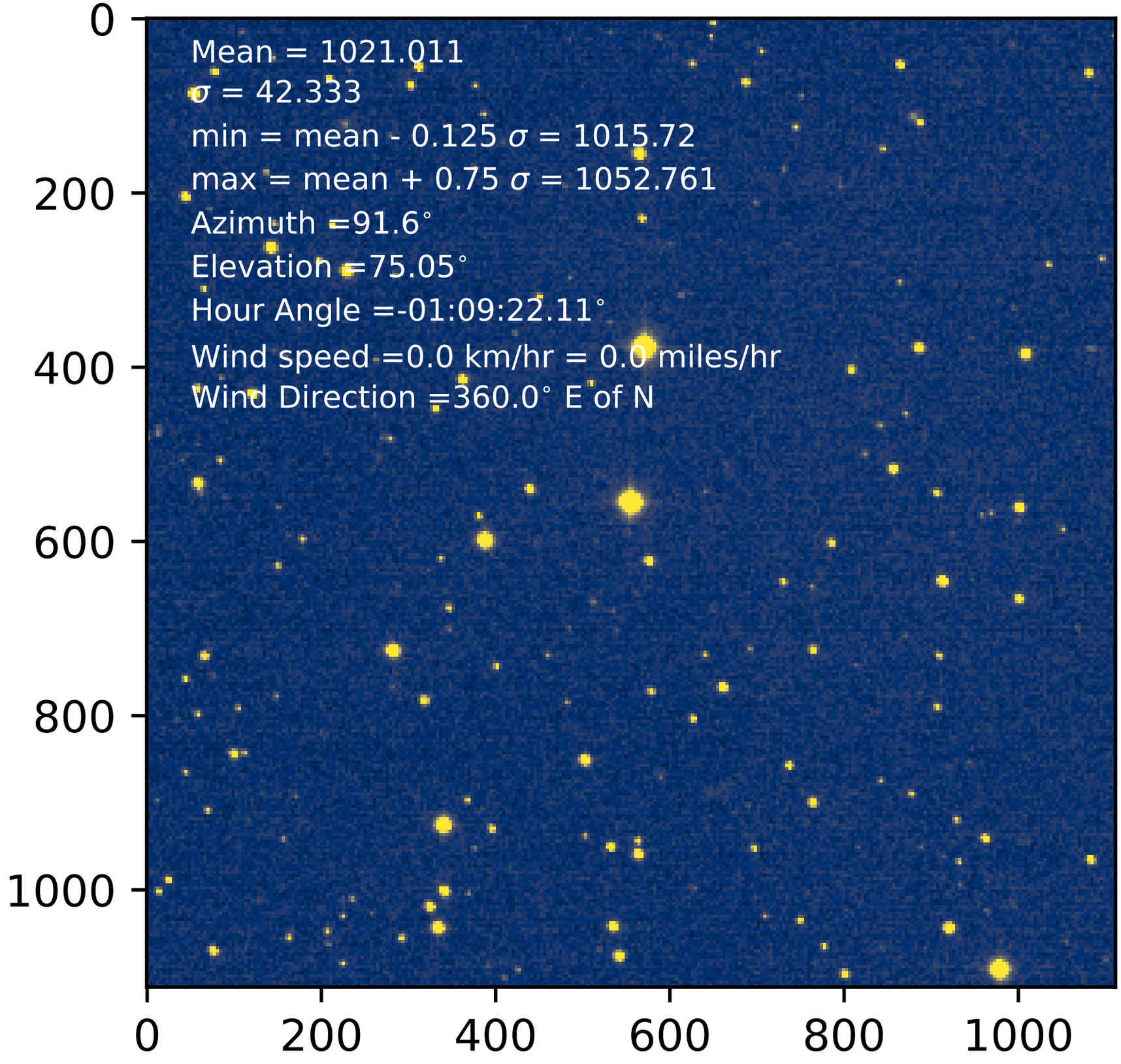
Mean = 1021.011
σ = 42.333
min = mean - 0.125 σ = 1015.72
max = mean + 0.75 σ = 1052.761
Azimuth =91.6°
Elevation =75.05°
Hour Angle =-01:09:22.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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400
600
800
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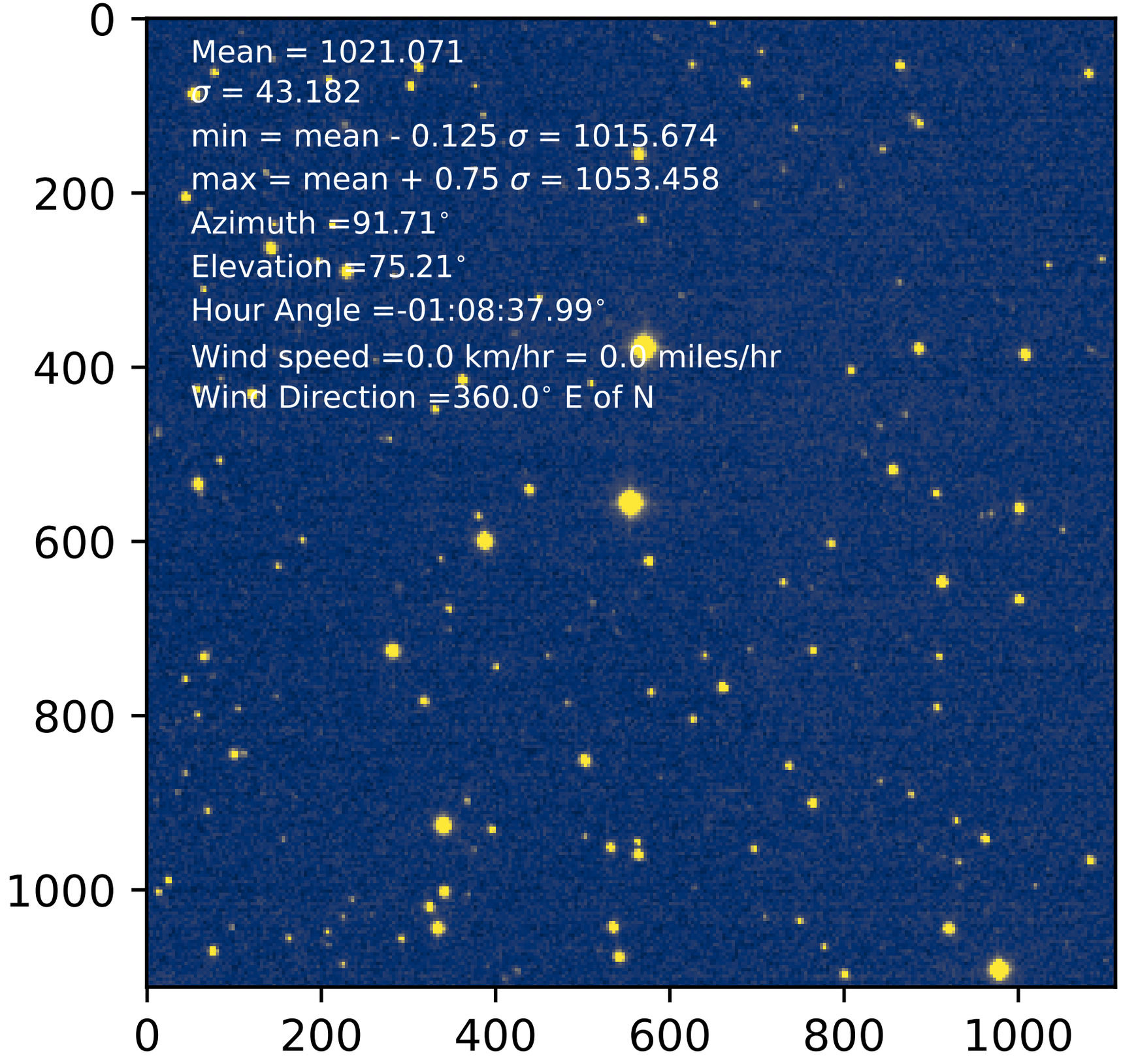
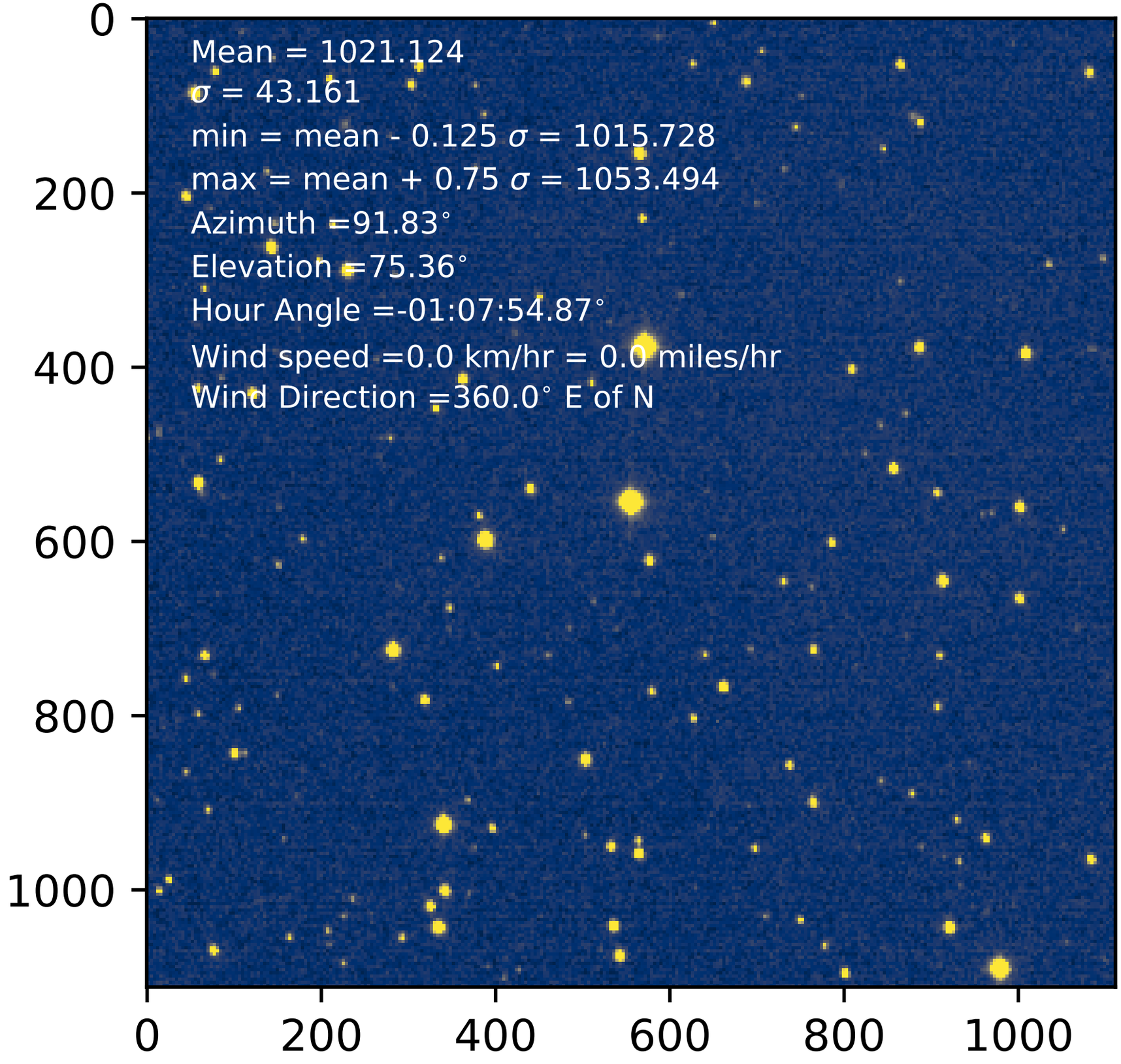
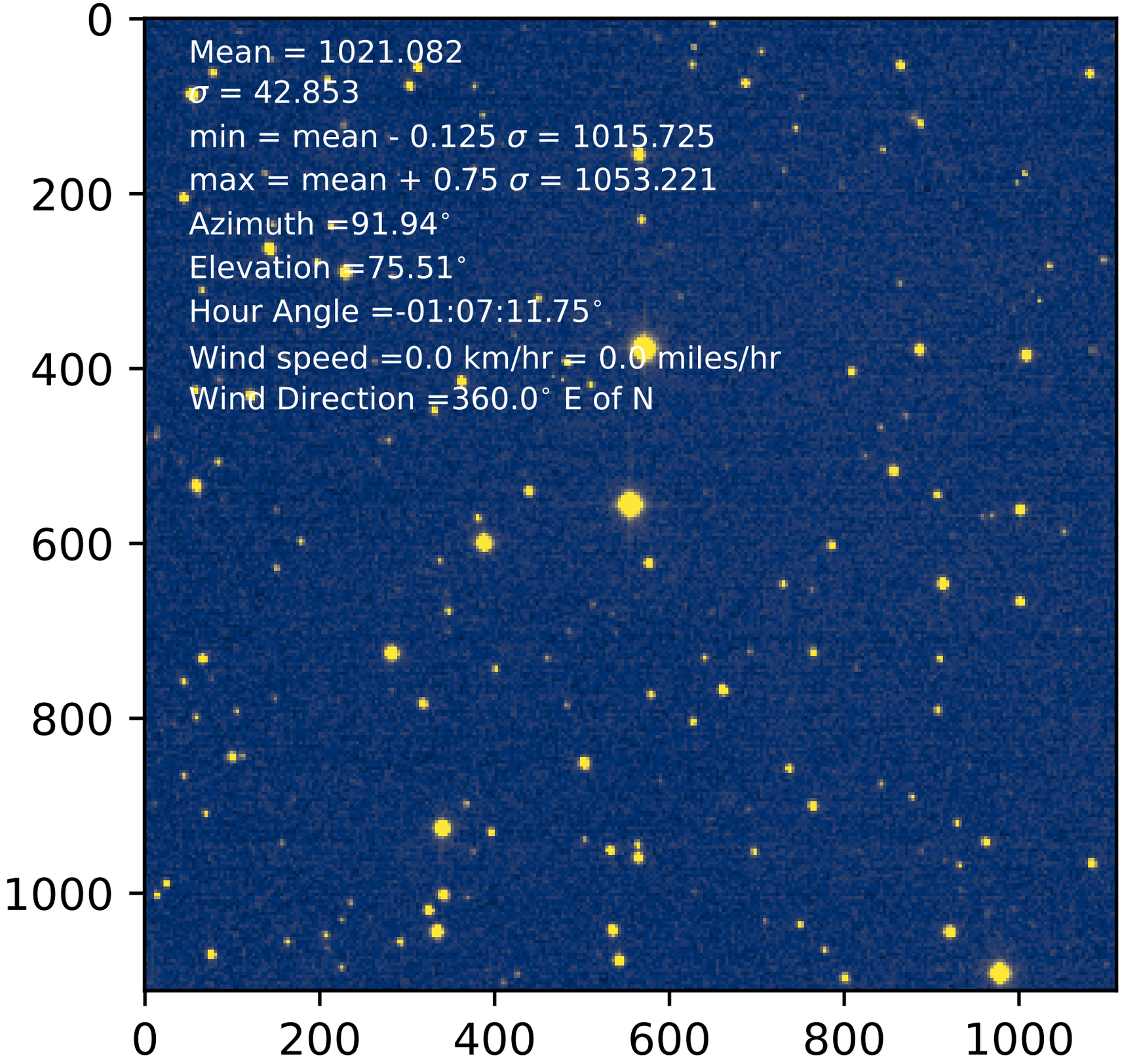
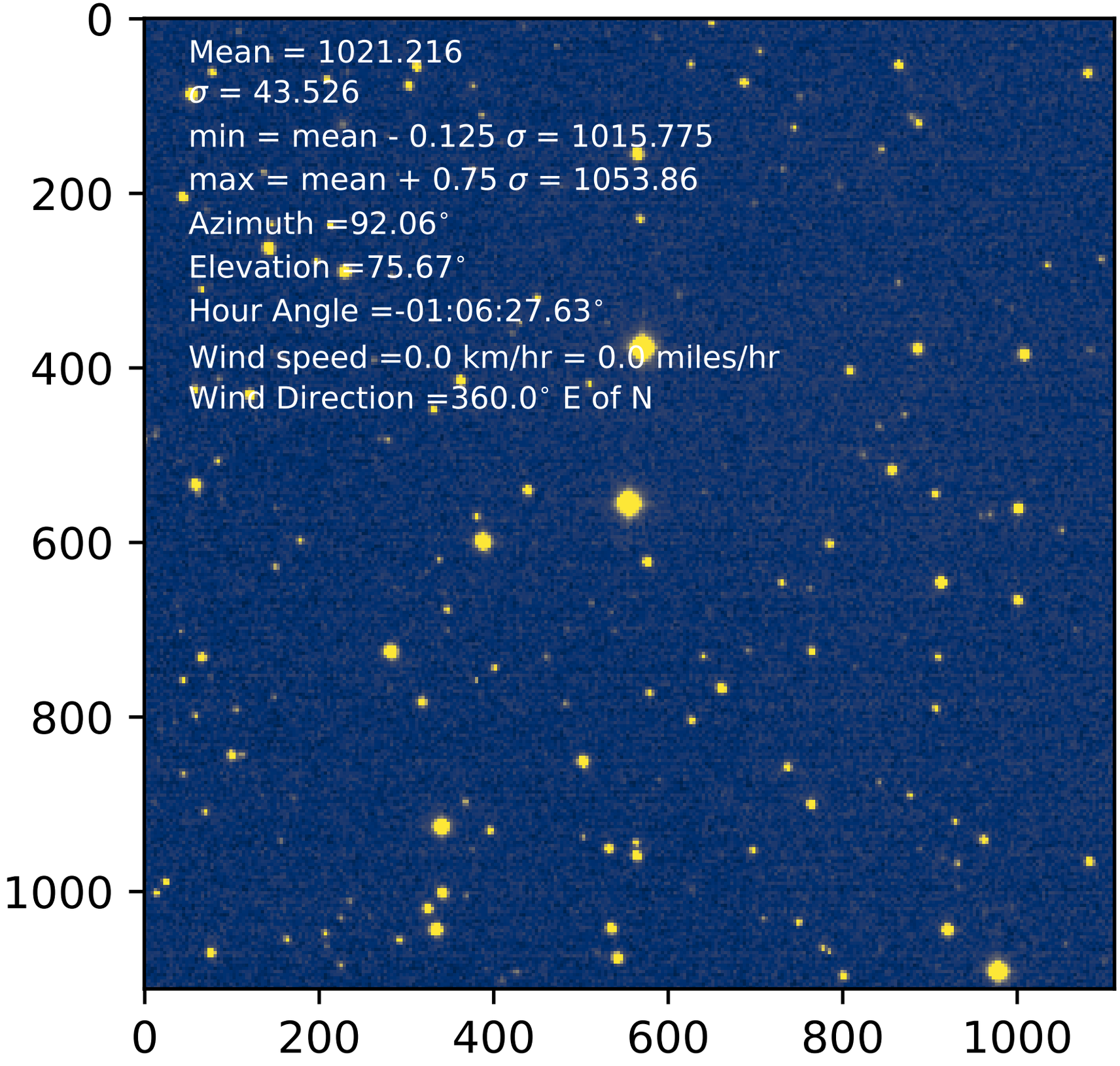
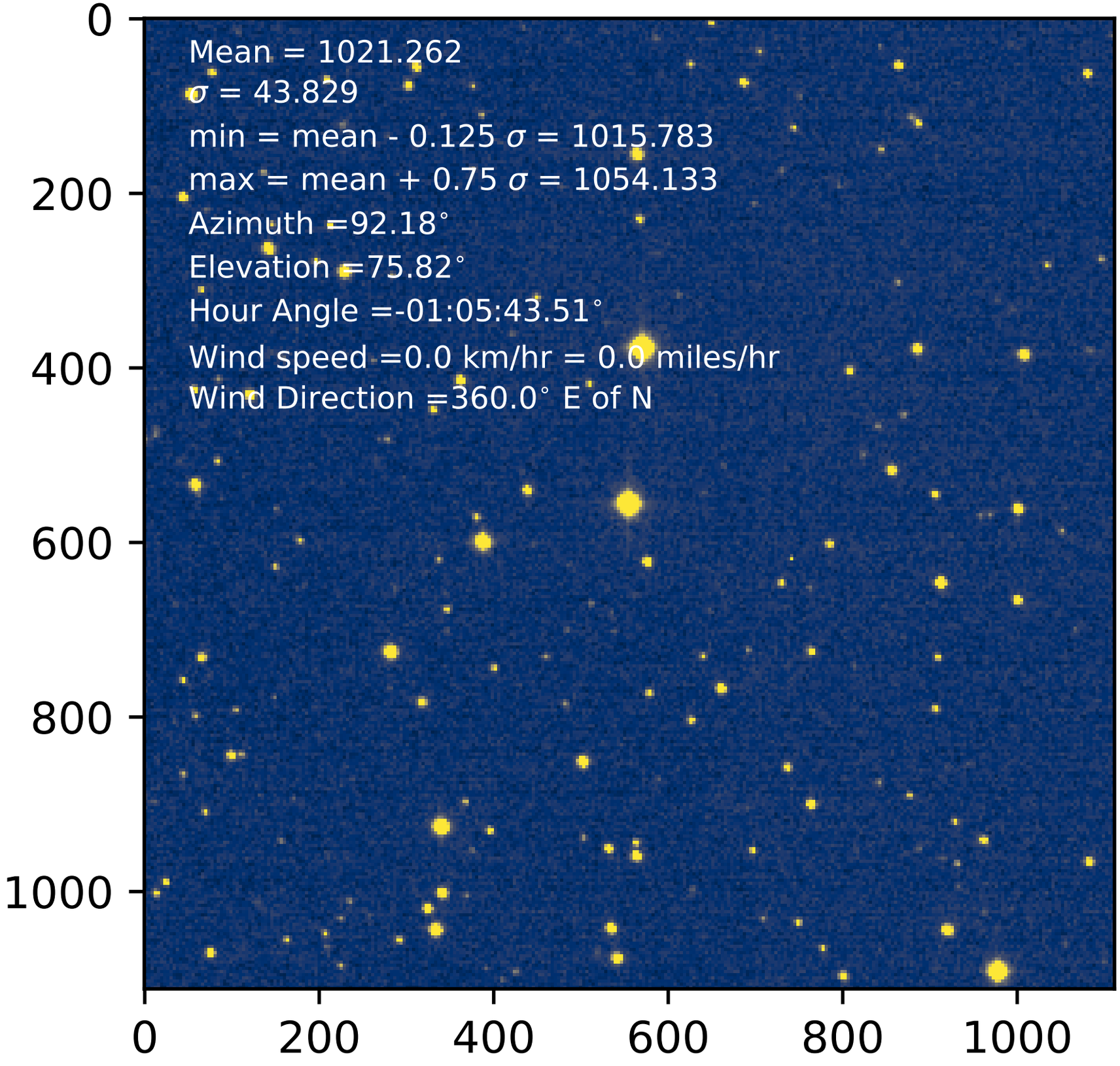
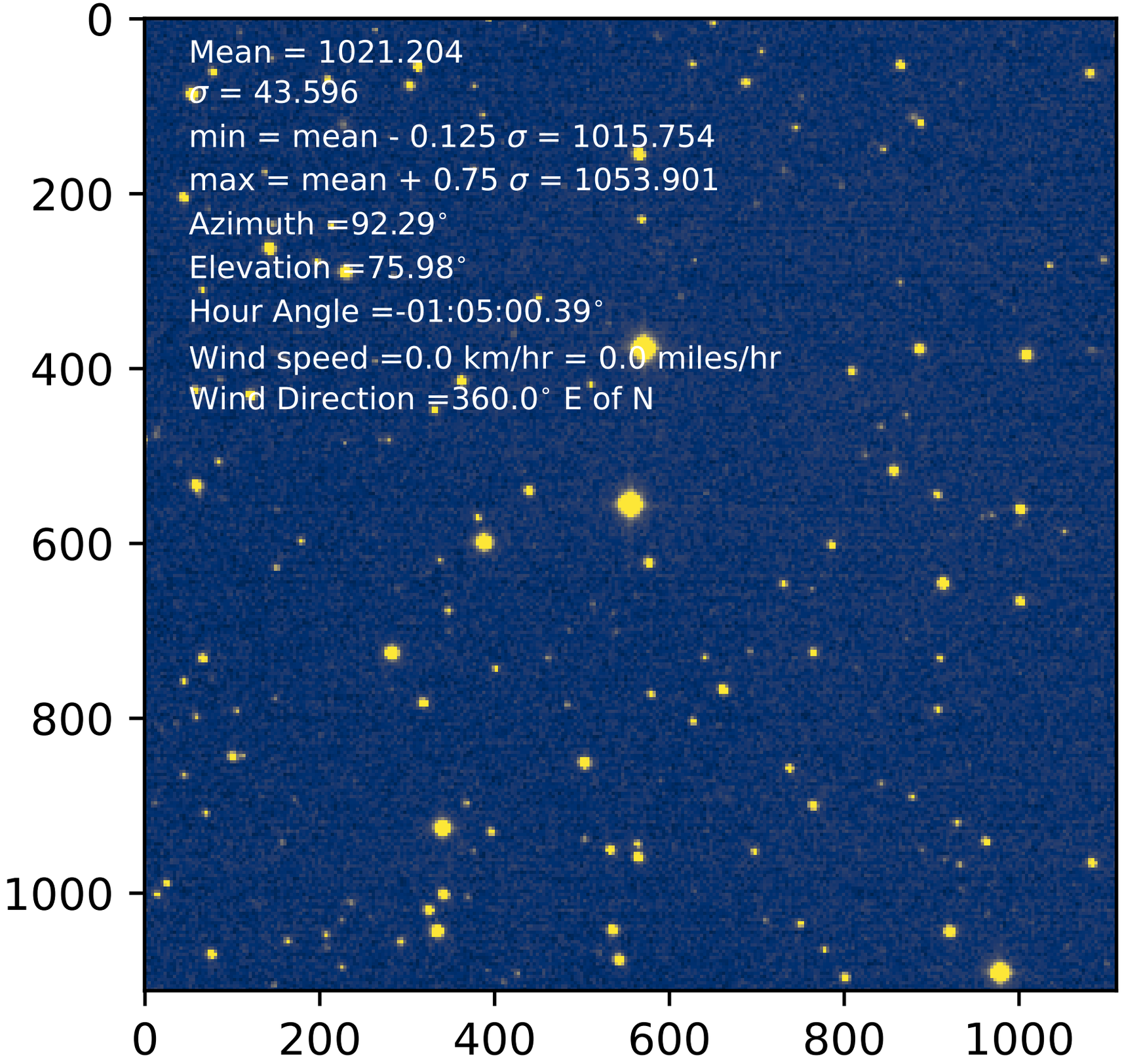

Mean = 1021.071
σ = 43.182
min = mean - 0.125 σ = 1015.674
max = mean + 0.75 σ = 1053.458
Azimuth =91.71°
Elevation =75.21°
Hour Angle =-01:08:37.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

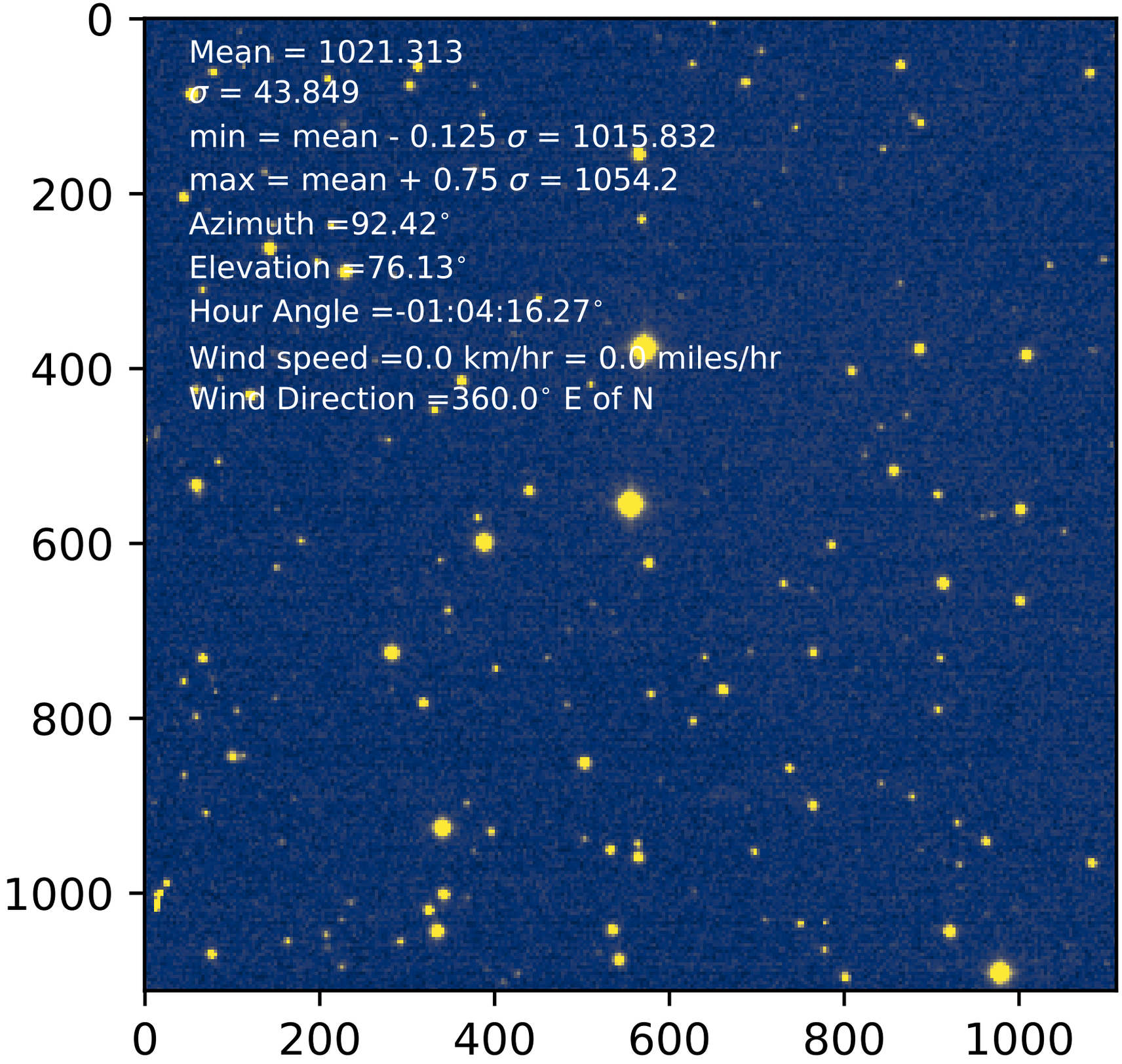

Mean = 1021.124
σ = 43.161
min = mean - 0.125 σ = 1015.728
max = mean + 0.75 σ = 1053.494
Azimuth =91.83°
Elevation =75.36°
Hour Angle =-01:07:54.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.082
σ = 42.853
min = mean - 0.125 σ = 1015.725
max = mean + 0.75 σ = 1053.221
Azimuth =91.94°
Elevation =75.51°
Hour Angle =-01:07:11.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.216
σ = 43.526
min = mean - 0.125 σ = 1015.775
max = mean + 0.75 σ = 1053.86
Azimuth =92.06°
Elevation =75.67°
Hour Angle =-01:06:27.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.262
σ = 43.829
min = mean - 0.125 σ = 1015.783
max = mean + 0.75 σ = 1054.133
Azimuth =92.18°
Elevation =75.82°
Hour Angle =-01:05:43.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.204
σ = 43.596
min = mean - 0.125 σ = 1015.754
max = mean + 0.75 σ = 1053.901
Azimuth =92.29°
Elevation =75.98°
Hour Angle =-01:05:00.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.313
σ = 43.849
min = mean - 0.125 σ = 1015.832
max = mean + 0.75 σ = 1054.2
Azimuth =92.42°
Elevation =76.13°
Hour Angle =-01:04:16.27°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
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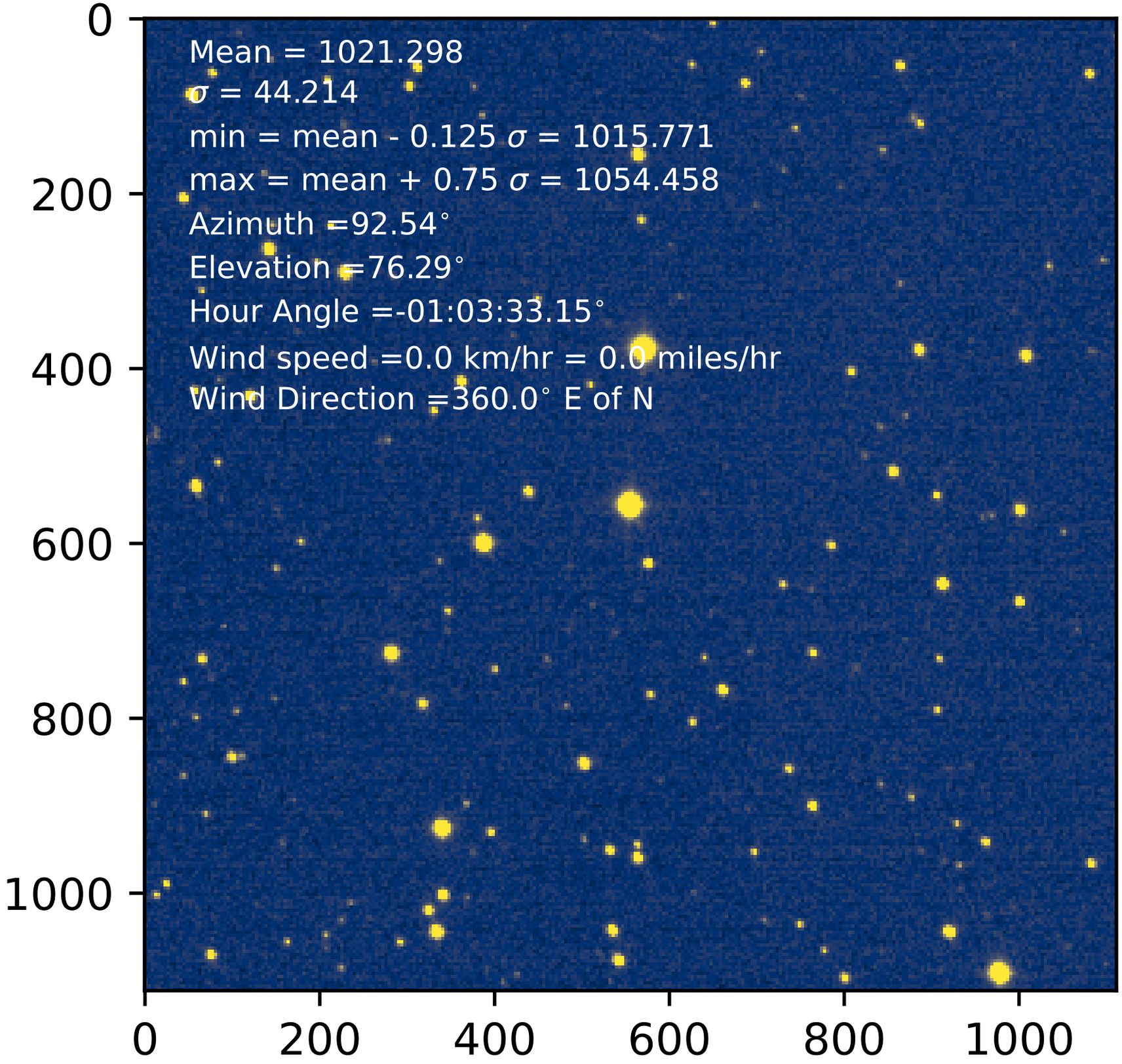
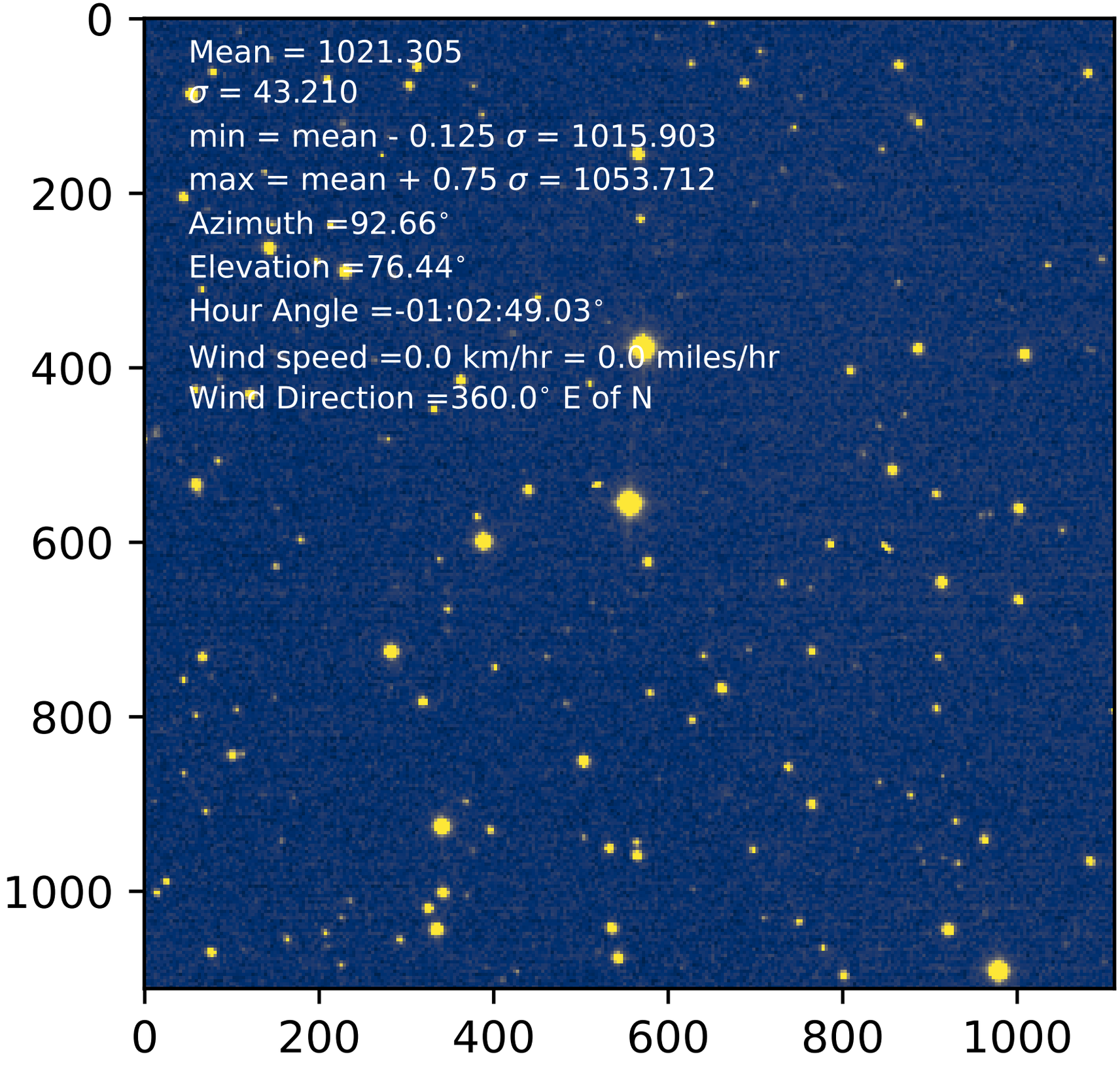
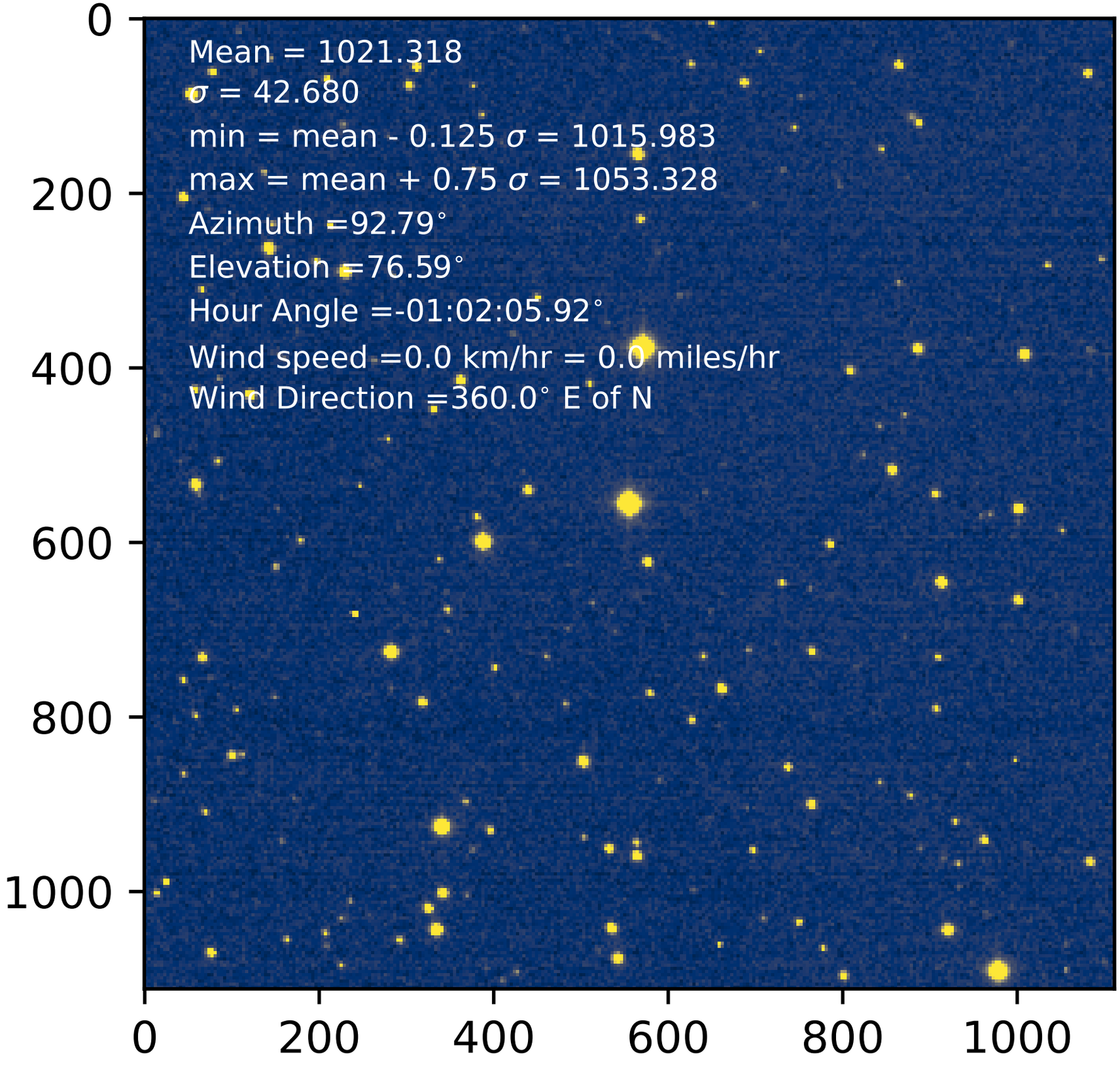
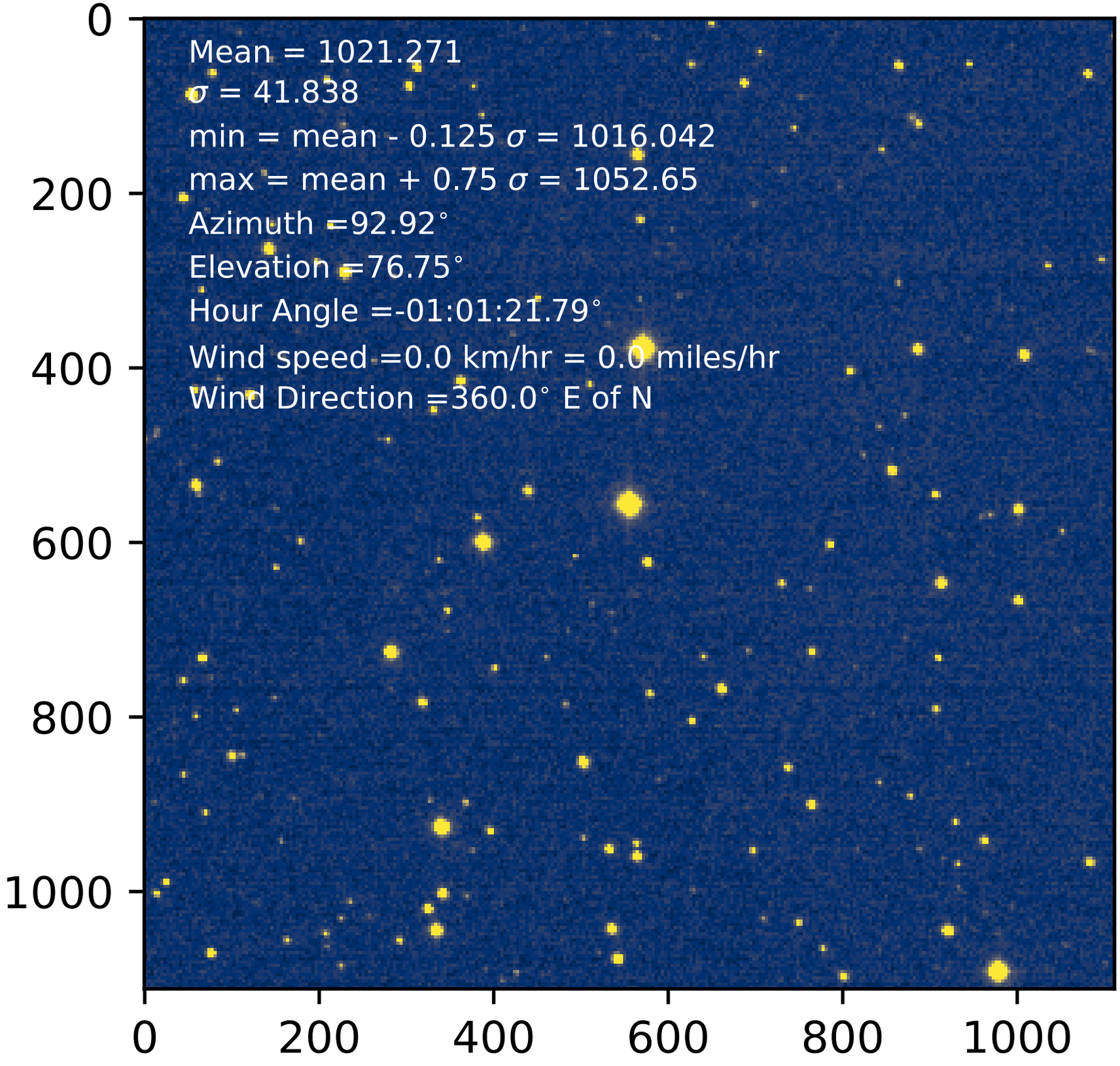
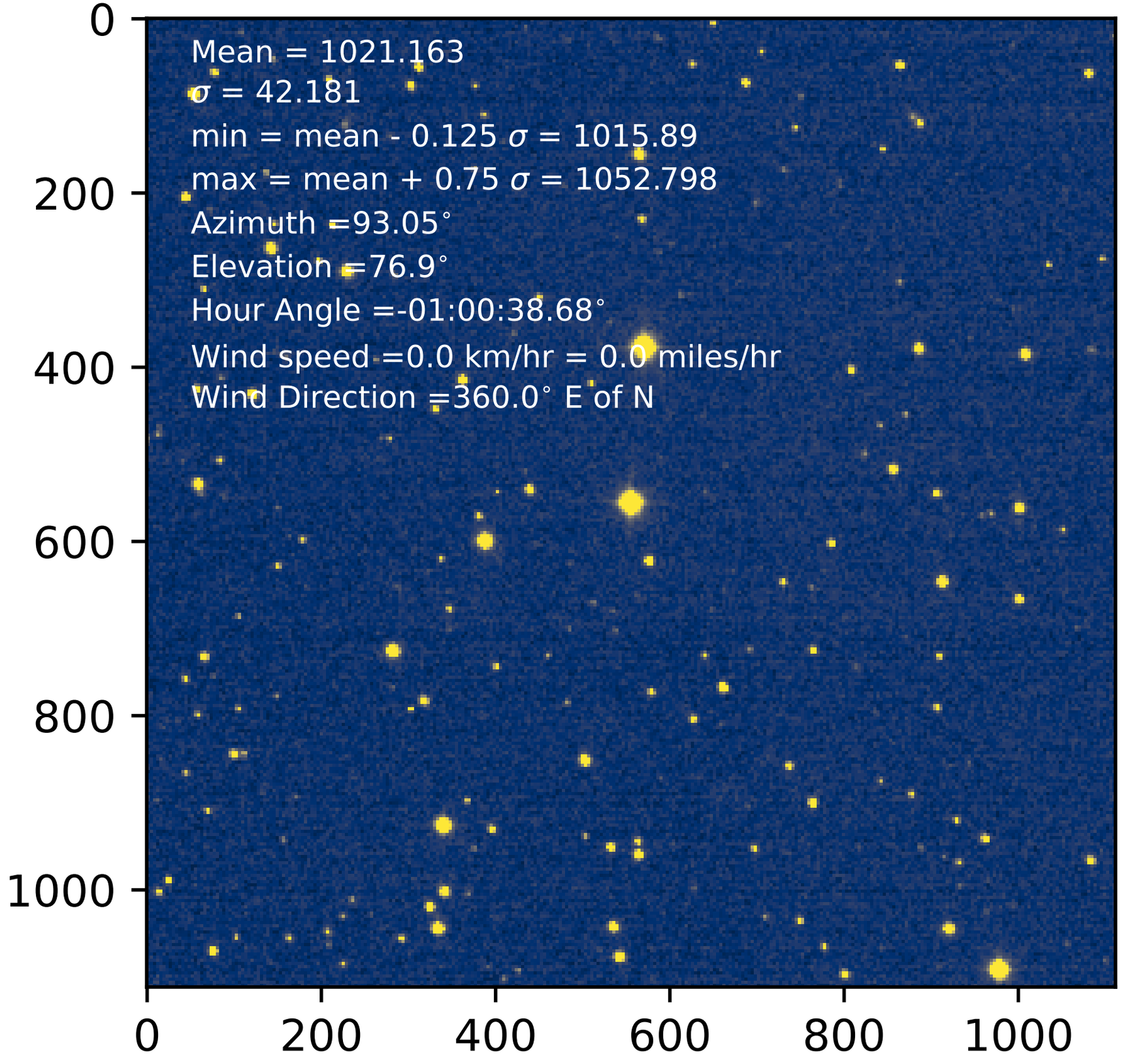
1000

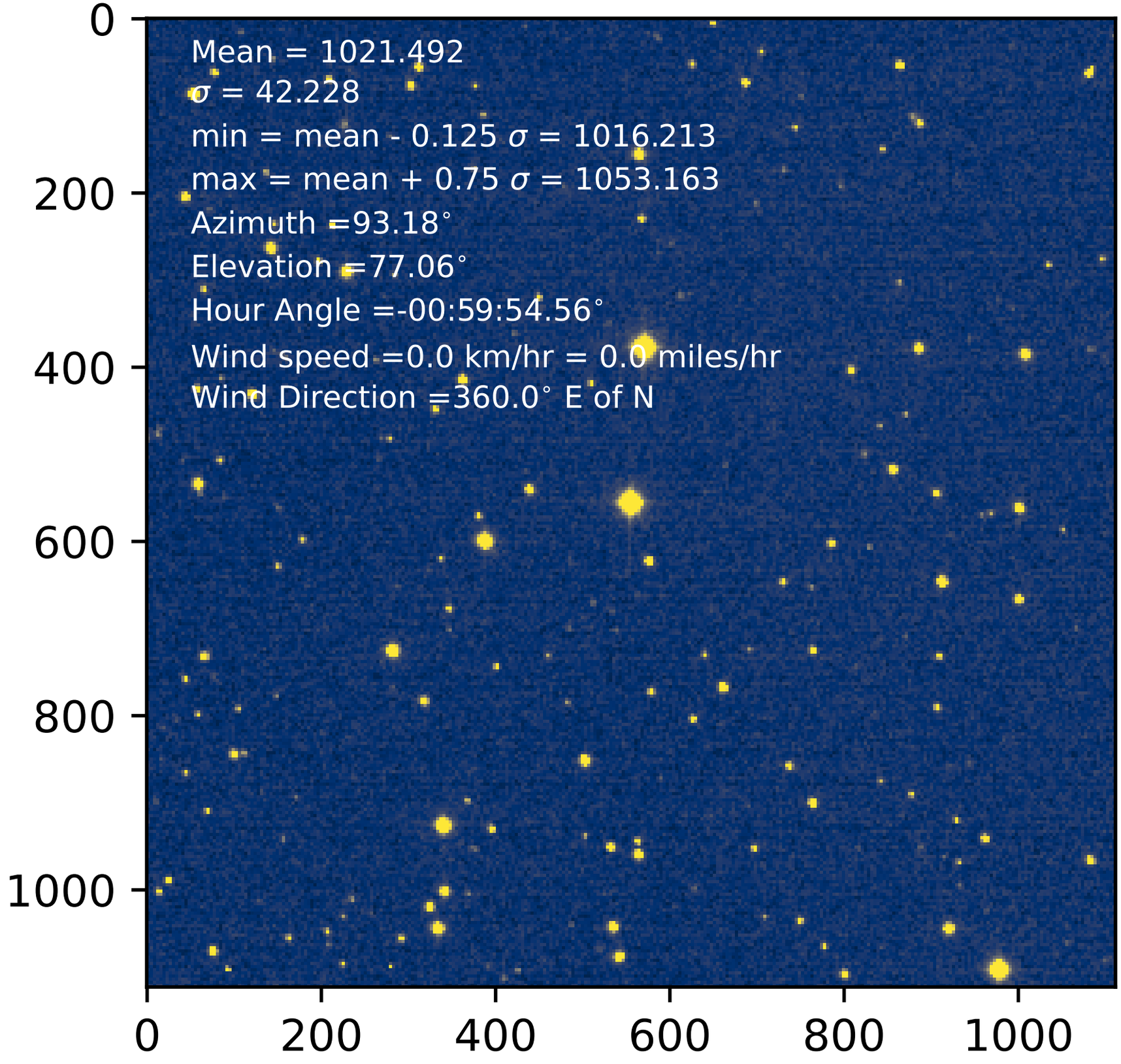

Mean = 1021.298
σ = 44.214
min = mean - 0.125 σ = 1015.771
max = mean + 0.75 σ = 1054.458
Azimuth =92.54°
Elevation =76.29°
Hour Angle =-01:03:33.15°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

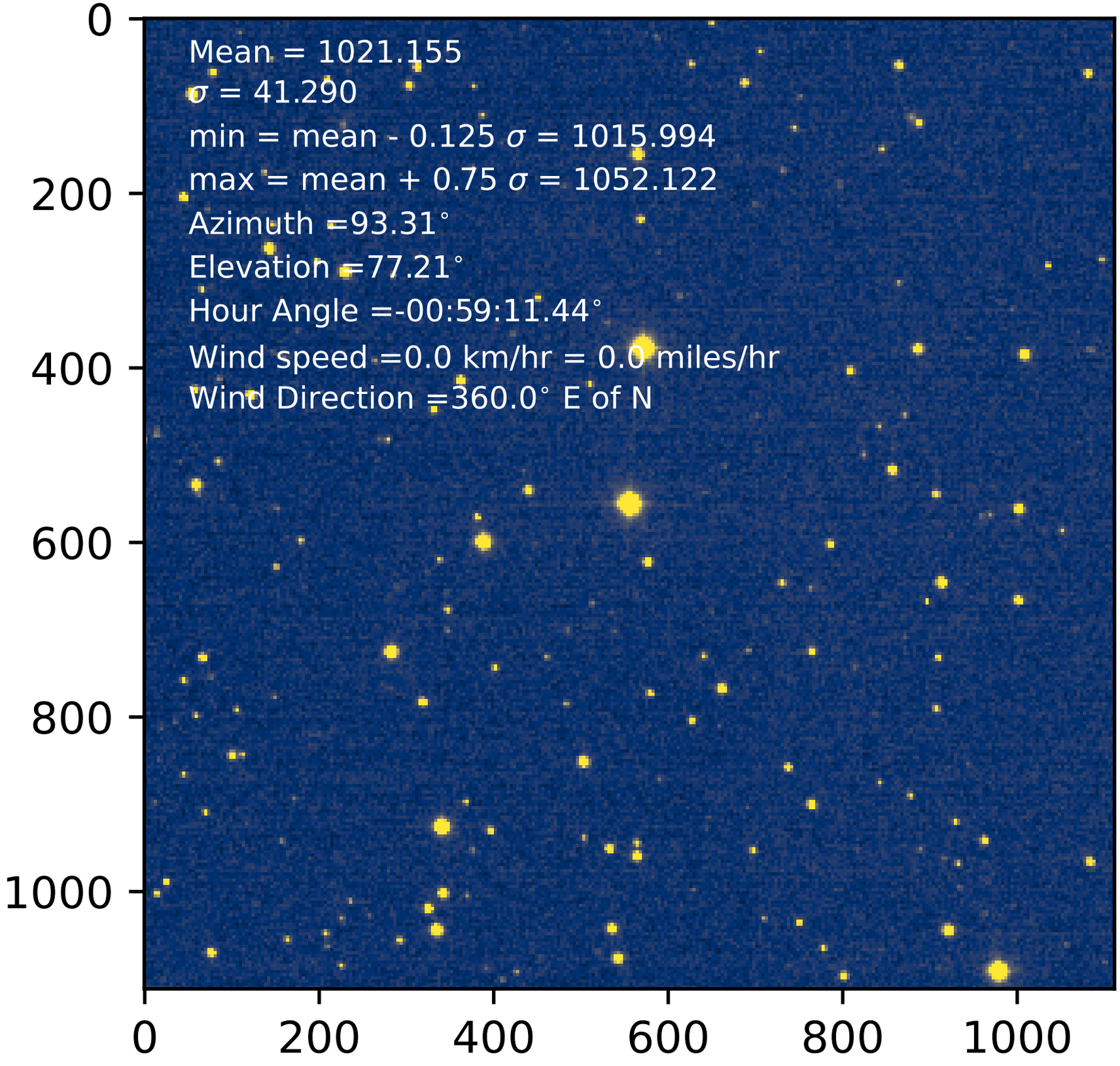

Mean = 1021.305
σ = 43.210
min = mean - 0.125 σ = 1015.903
max = mean + 0.75 σ = 1053.712
Azimuth =92.66°
Elevation =76.44°
Hour Angle =-01:02:49.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

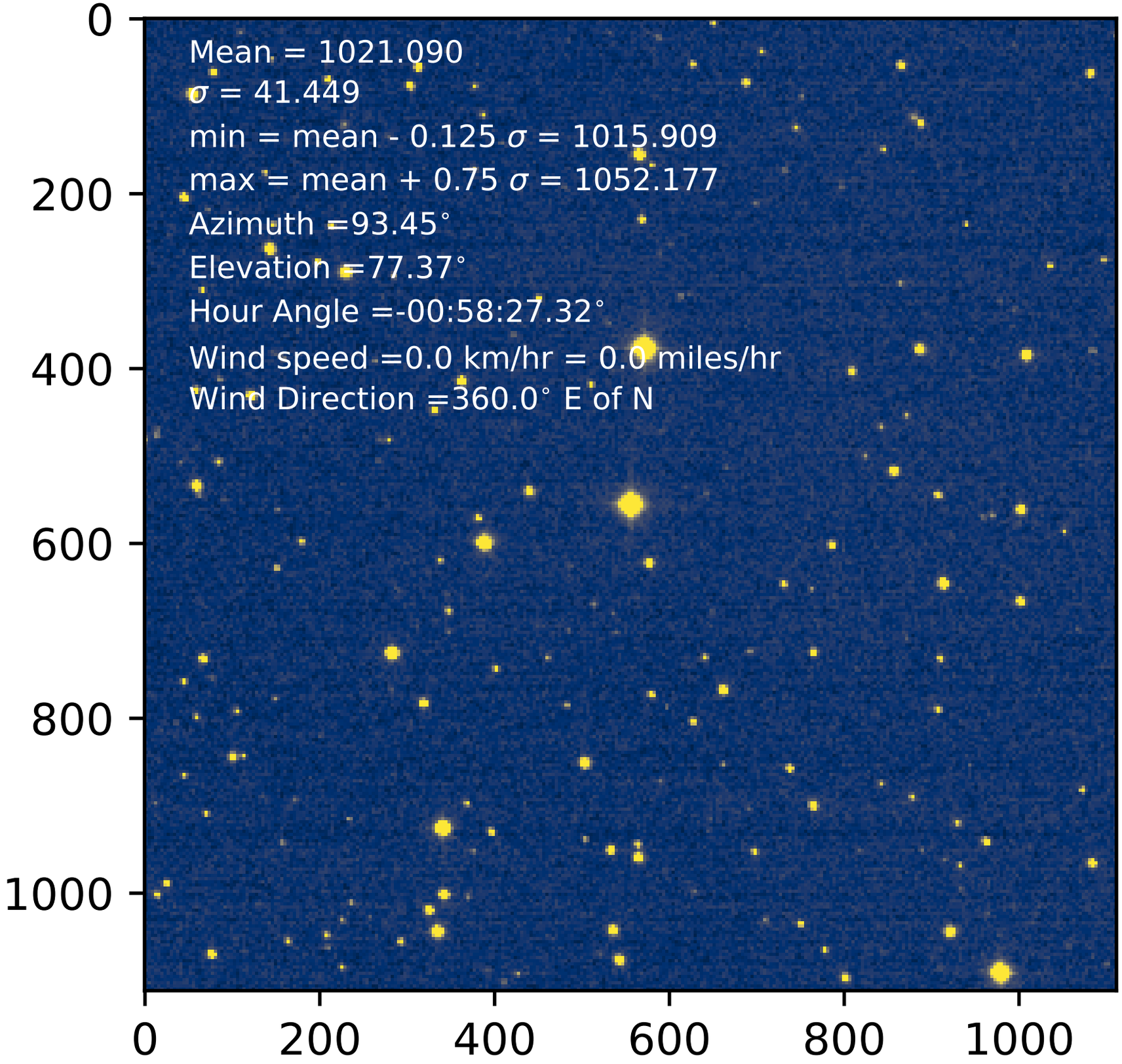

Mean = 1021.318
σ = 42.680
min = mean - 0.125 σ = 1015.983
max = mean + 0.75 σ = 1053.328
Azimuth =92.79°
Elevation =76.59°
Hour Angle =-01:02:05.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

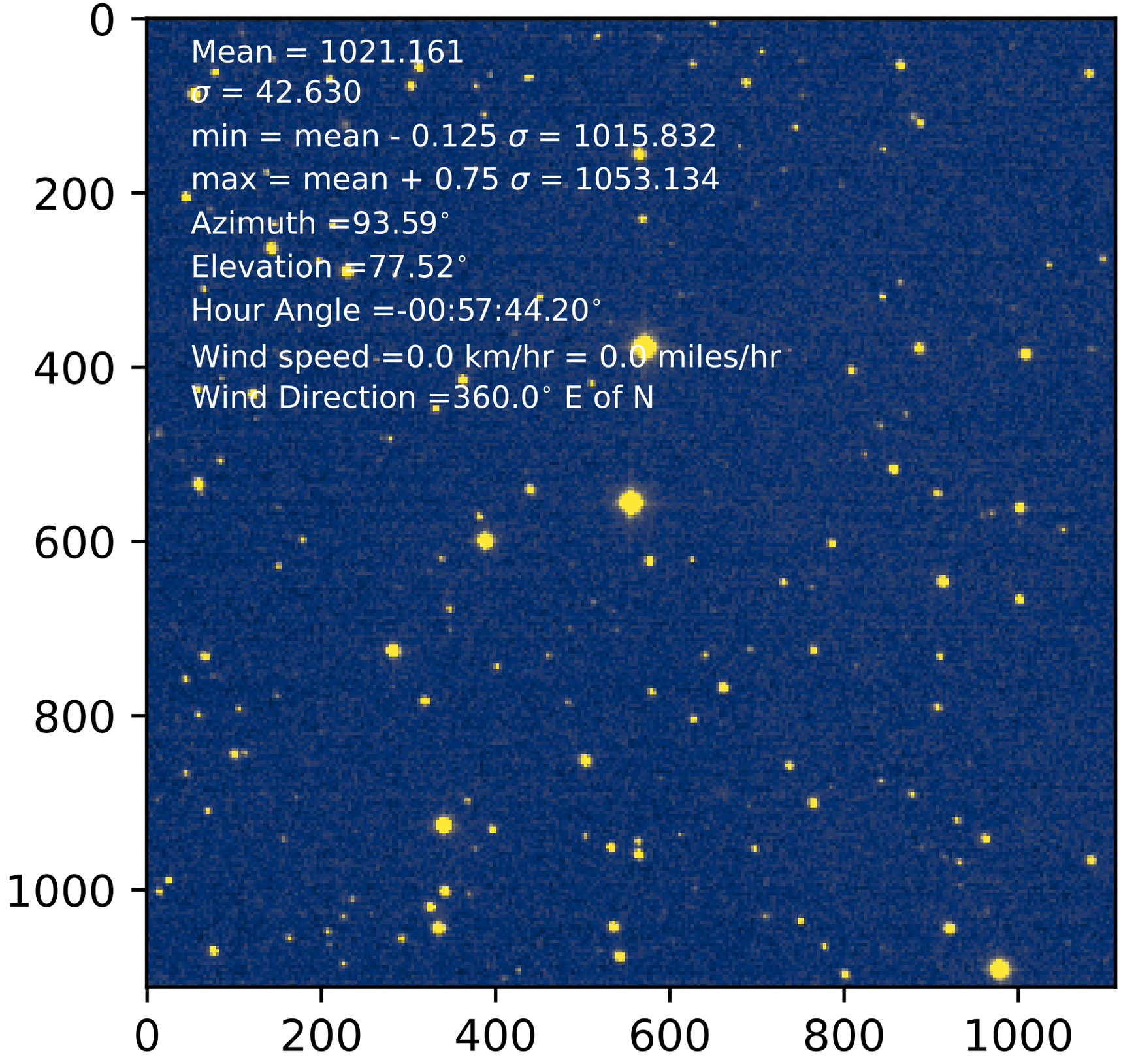

Mean = 1021.271
σ = 41.838
min = mean - 0.125 σ = 1016.042
max = mean + 0.75 σ = 1052.65
Azimuth =92.92°
Elevation =76.75°
Hour Angle =-01:01:21.79°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

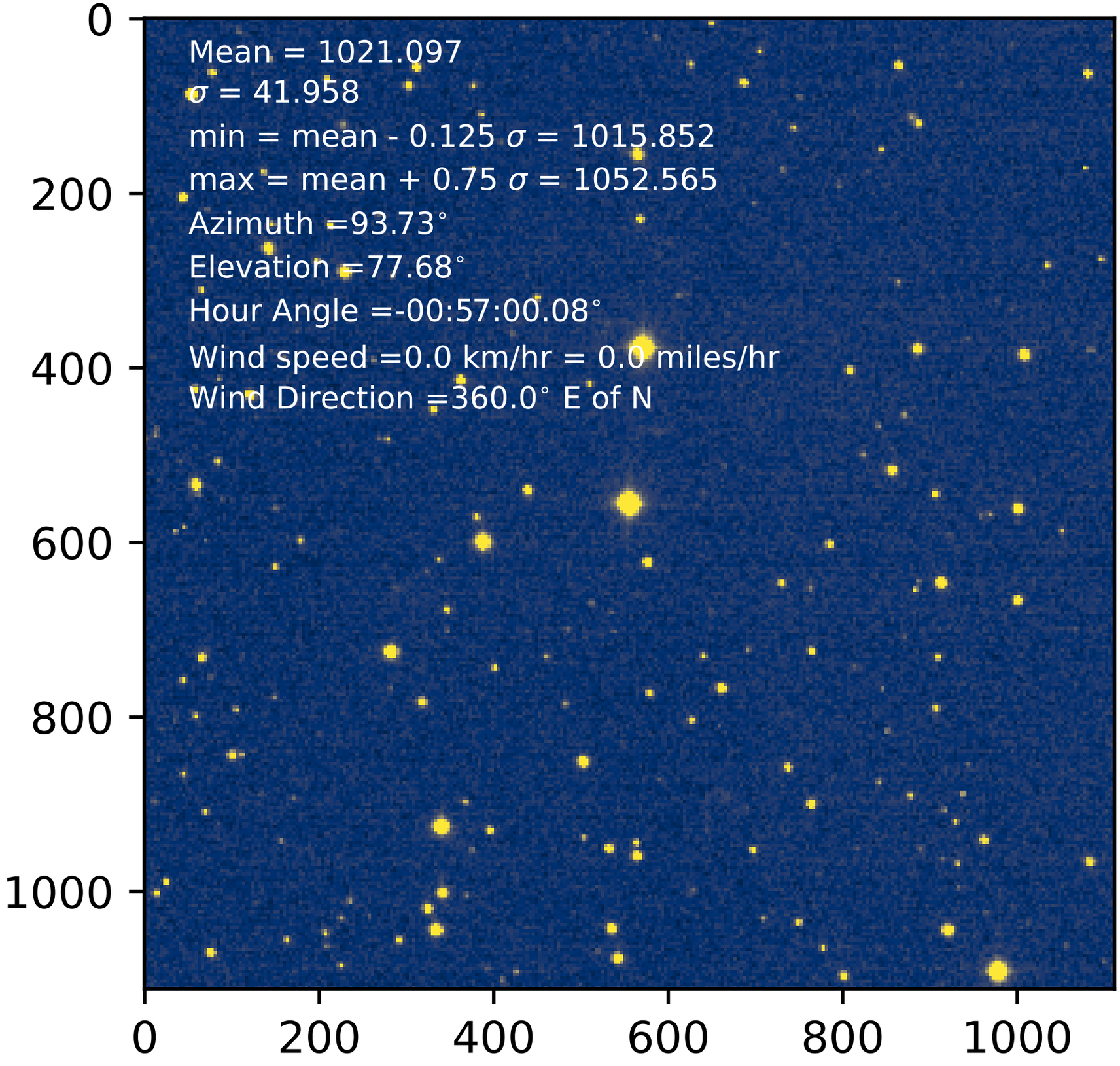

Mean = 1021.163
σ = 42.181
min = mean - 0.125 σ = 1015.89
max = mean + 0.75 σ = 1052.798
Azimuth =93.05°
Elevation =76.9°
Hour Angle =-01:00:38.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

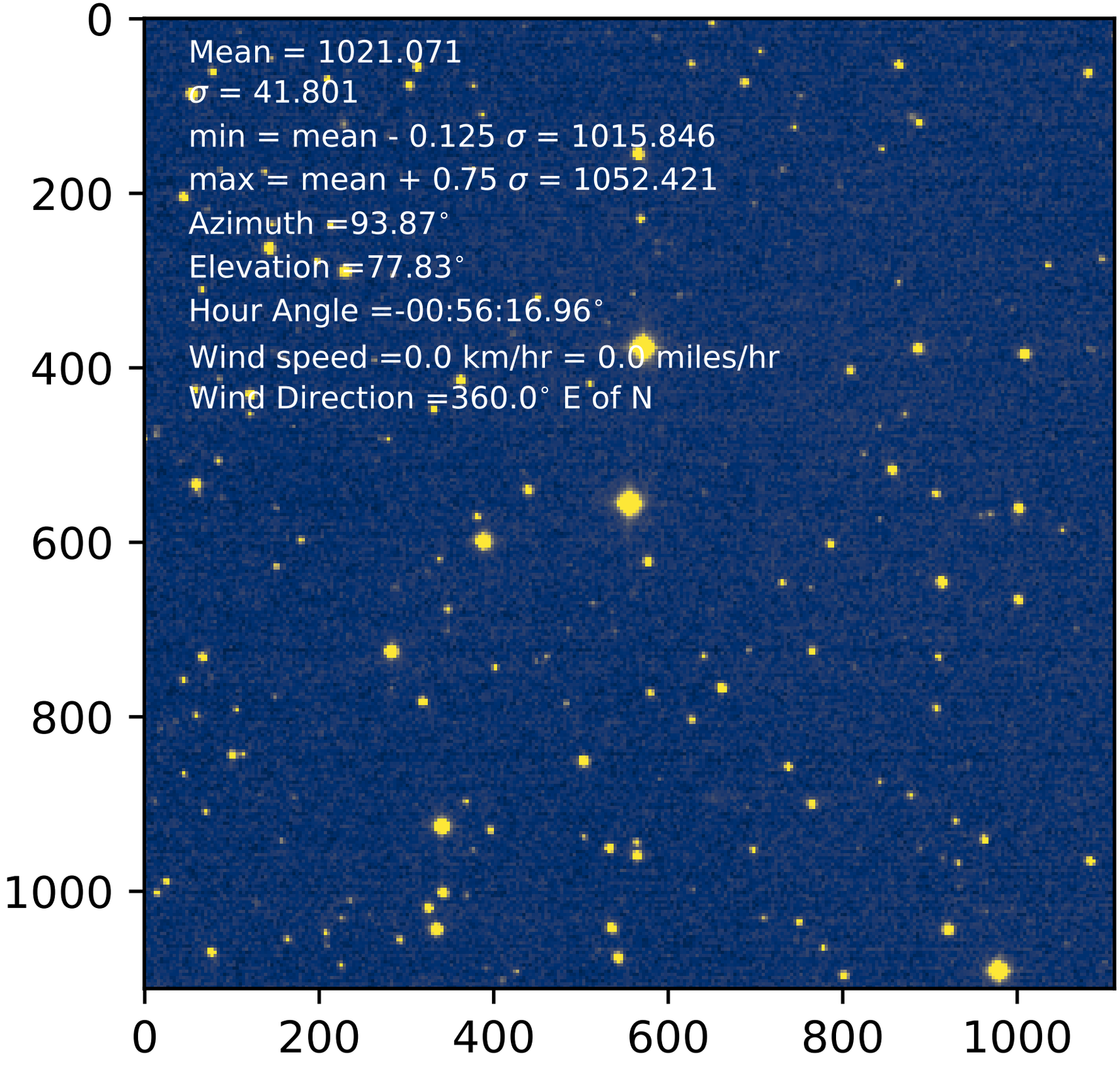

Mean = 1021.492
σ = 42.228
min = mean - 0.125 σ = 1016.213
max = mean + 0.75 σ = 1053.163
Azimuth =93.18°
Elevation =77.06°
Hour Angle =-00:59:54.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

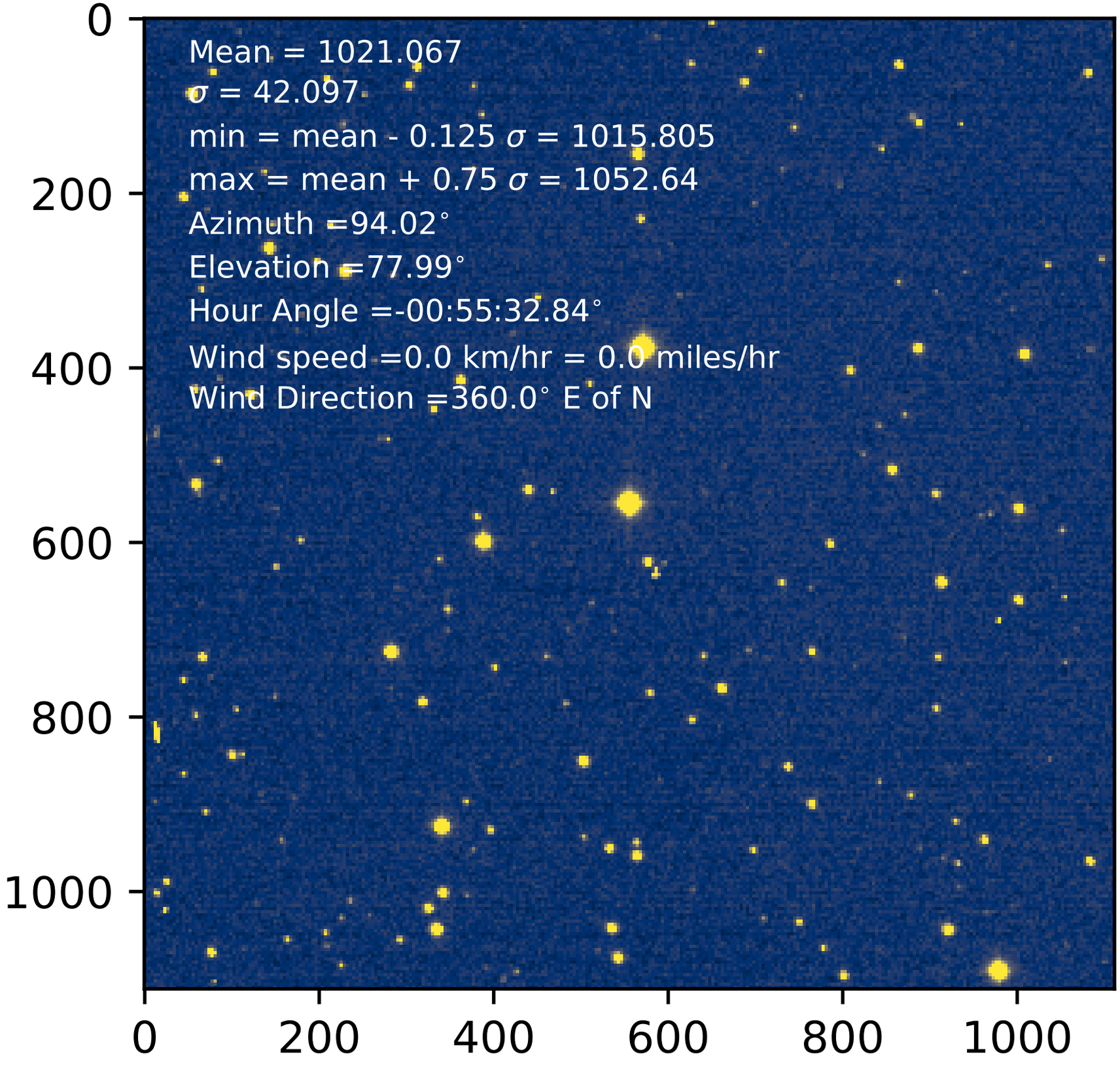

Mean = 1021.155
σ = 41.290
min = mean - 0.125 σ = 1015.994
max = mean + 0.75 σ = 1052.122
Azimuth =93.31°
Elevation =77.21°
Hour Angle =-00:59:11.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

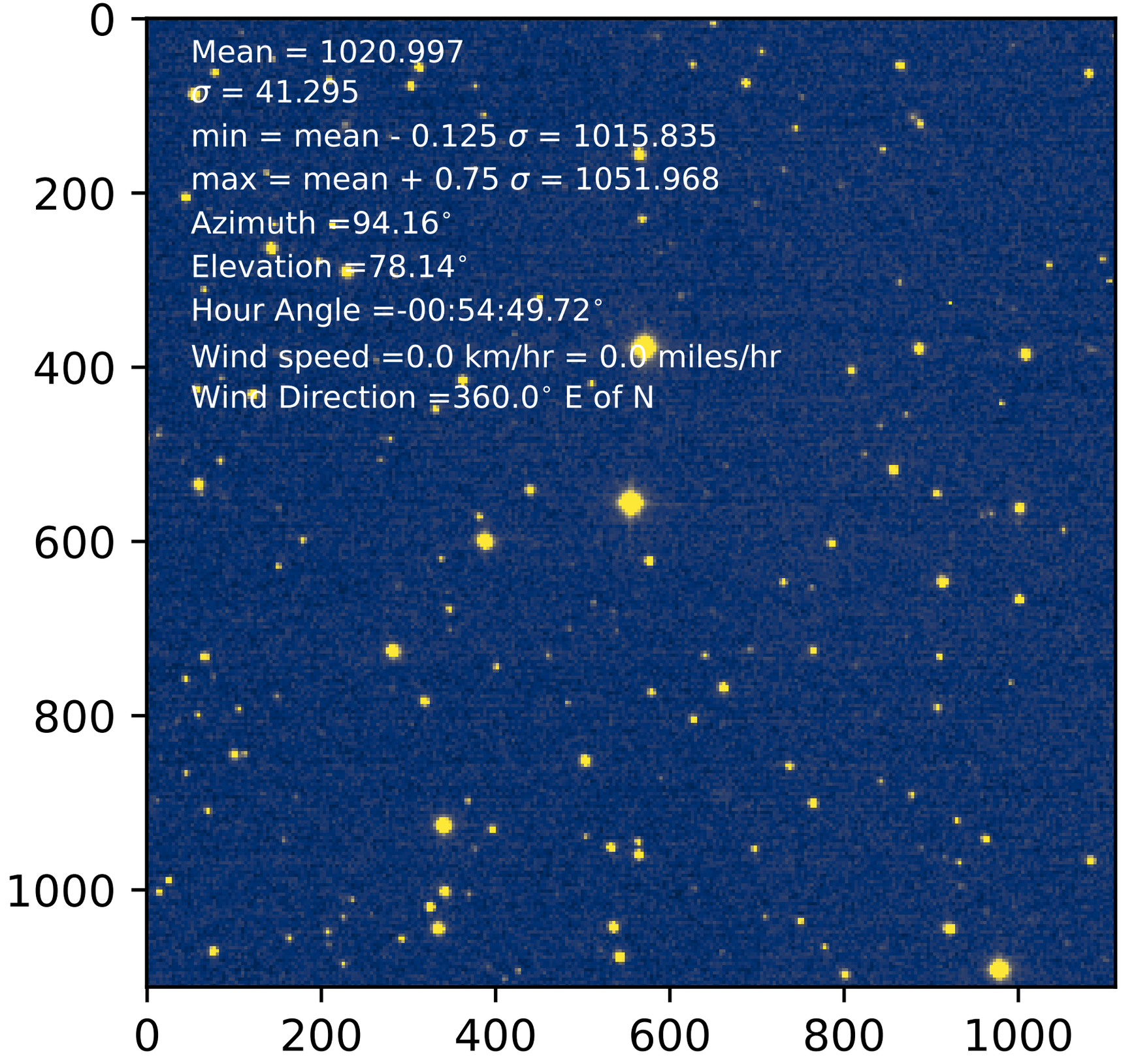

Mean = 1021.090
σ = 41.449
min = mean - 0.125 σ = 1015.909
max = mean + 0.75 σ = 1052.177
Azimuth =93.45°
Elevation =77.37°
Hour Angle =-00:58:27.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

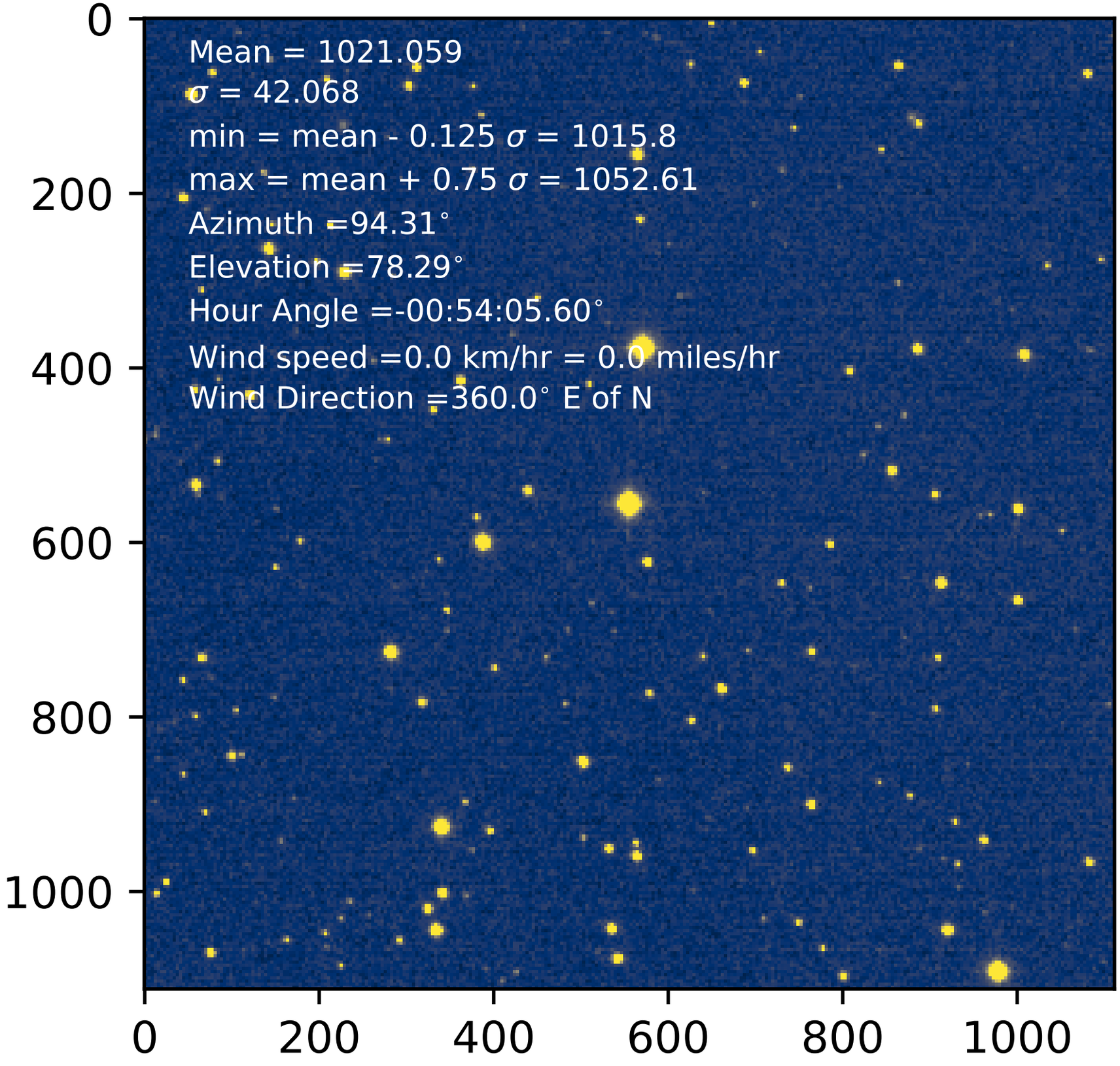

Mean = 1021.161
σ = 42.630
min = mean - 0.125 σ = 1015.832
max = mean + 0.75 σ = 1053.134
Azimuth =93.59°
Elevation =77.52°
Hour Angle =-00:57:44.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

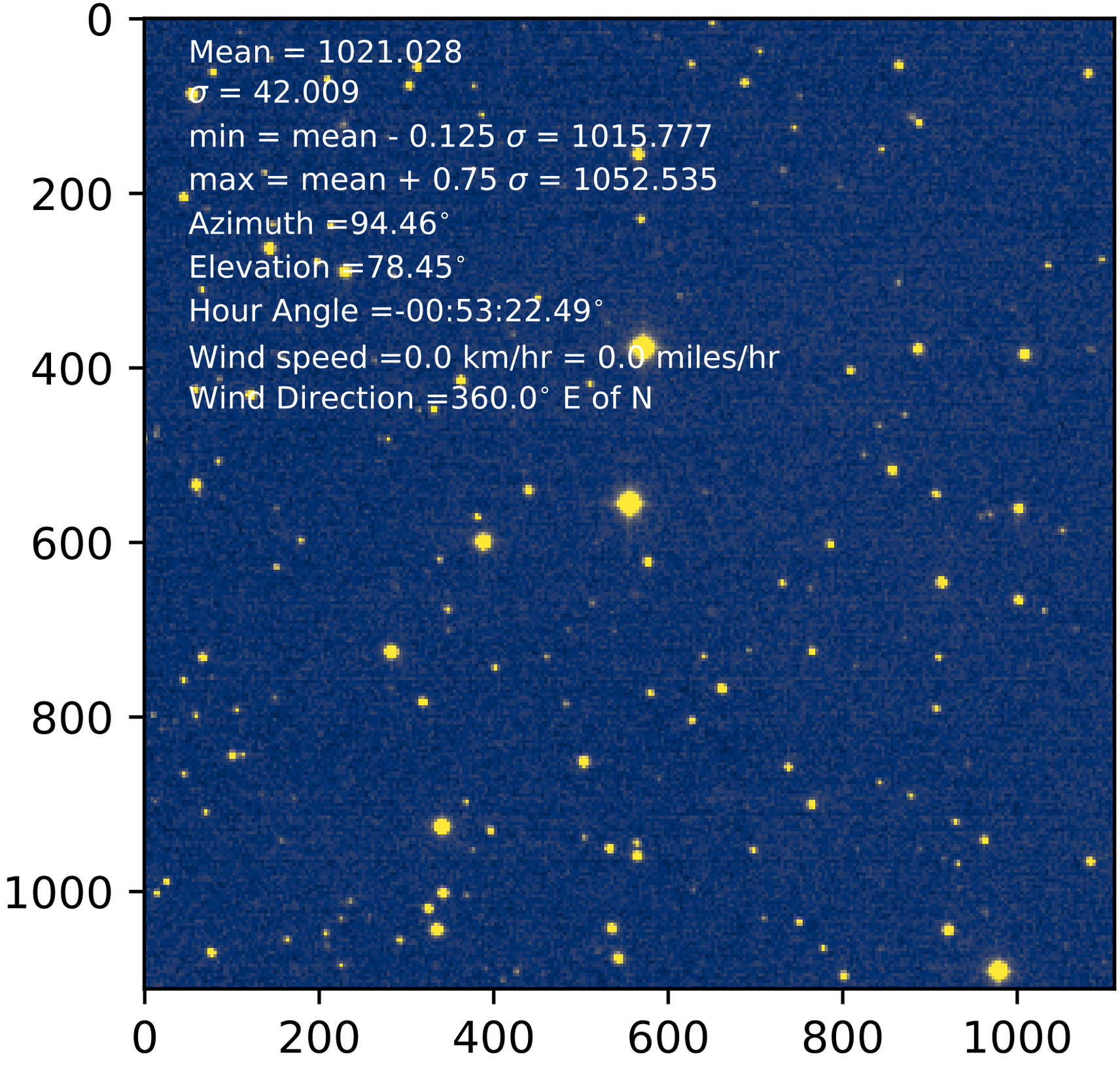

Mean = 1021.097
σ = 41.958
min = mean - 0.125 σ = 1015.852
max = mean + 0.75 σ = 1052.565
Azimuth =93.73°
Elevation =77.68°
Hour Angle =-00:57:00.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

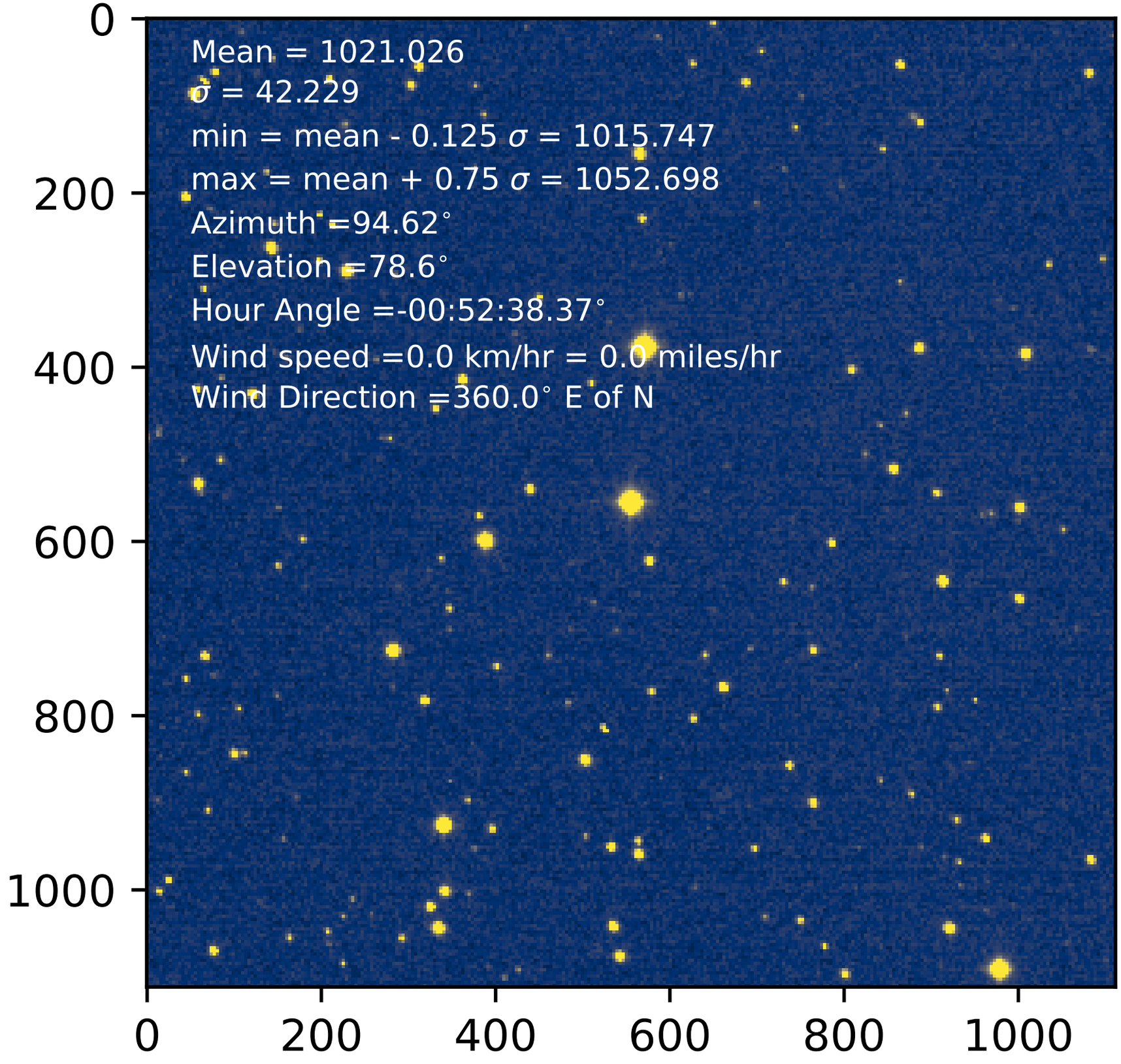

Mean = 1021.071
σ = 41.801
min = mean - 0.125 σ = 1015.846
max = mean + 0.75 σ = 1052.421
Azimuth =93.87°
Elevation =77.83°
Hour Angle =-00:56:16.96°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

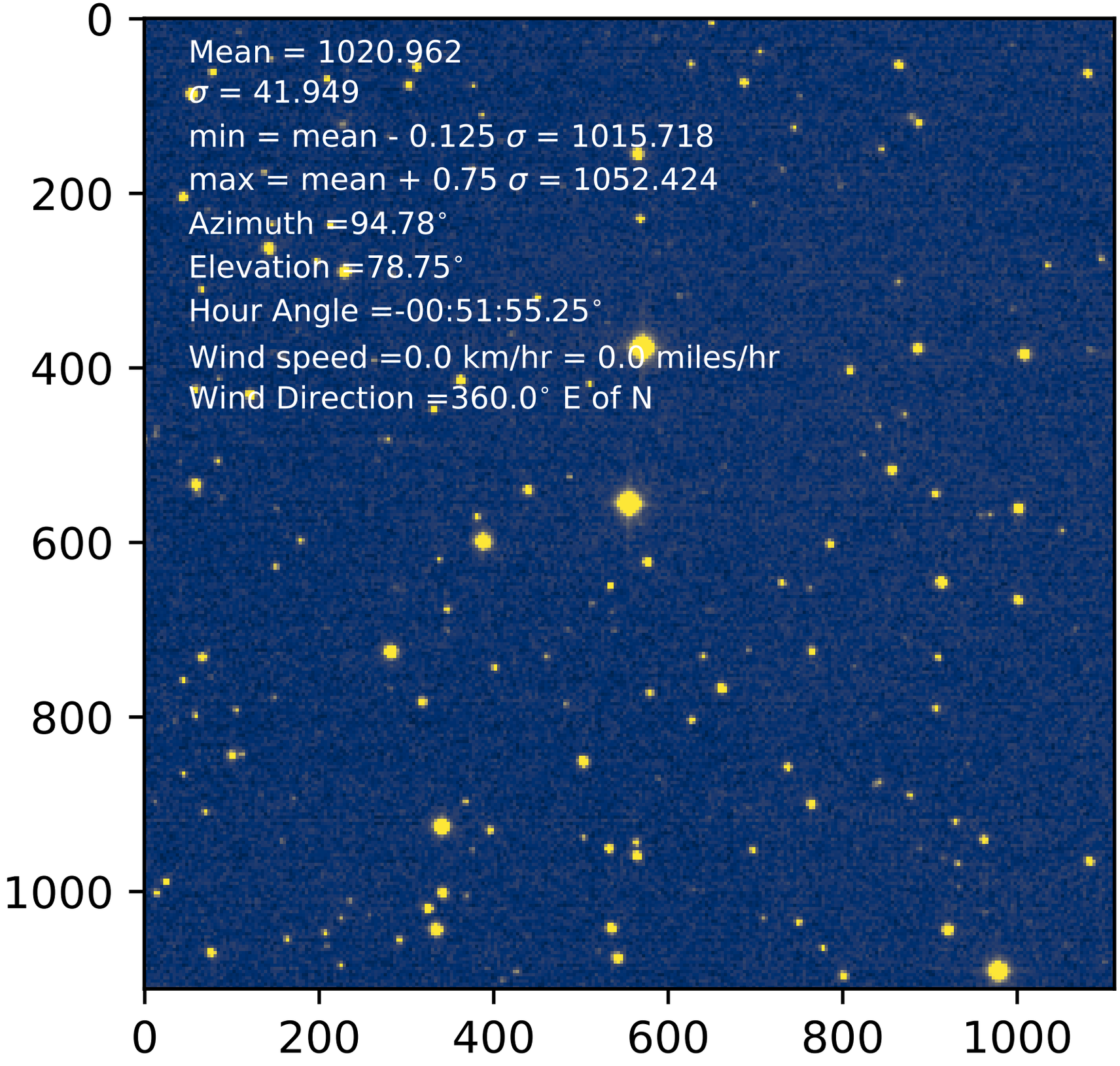

Mean = 1021.067
σ = 42.097
min = mean - 0.125 σ = 1015.805
max = mean + 0.75 σ = 1052.64
Azimuth =94.02°
Elevation =77.99°
Hour Angle =-00:55:32.84°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.997
σ = 41.295
min = mean - 0.125 σ = 1015.835
max = mean + 0.75 σ = 1051.968
Azimuth =94.16°
Elevation =78.14°
Hour Angle =-00:54:49.72°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.059
σ = 42.068
min = mean - 0.125 σ = 1015.8
max = mean + 0.75 σ = 1052.61
Azimuth =94.31°
Elevation =78.29°
Hour Angle =-00:54:05.60°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.028
σ = 42.009
min = mean - 0.125 σ = 1015.777
max = mean + 0.75 σ = 1052.535
Azimuth =94.46°
Elevation =78.45°
Hour Angle =-00:53:22.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.026
σ = 42.229
min = mean - 0.125 σ = 1015.747
max = mean + 0.75 σ = 1052.698
Azimuth =94.62°
Elevation =78.6°
Hour Angle =-00:52:38.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.962
σ = 41.949
min = mean - 0.125 σ = 1015.718
max = mean + 0.75 σ = 1052.424
Azimuth =94.78°
Elevation =78.75°
Hour Angle =-00:51:55.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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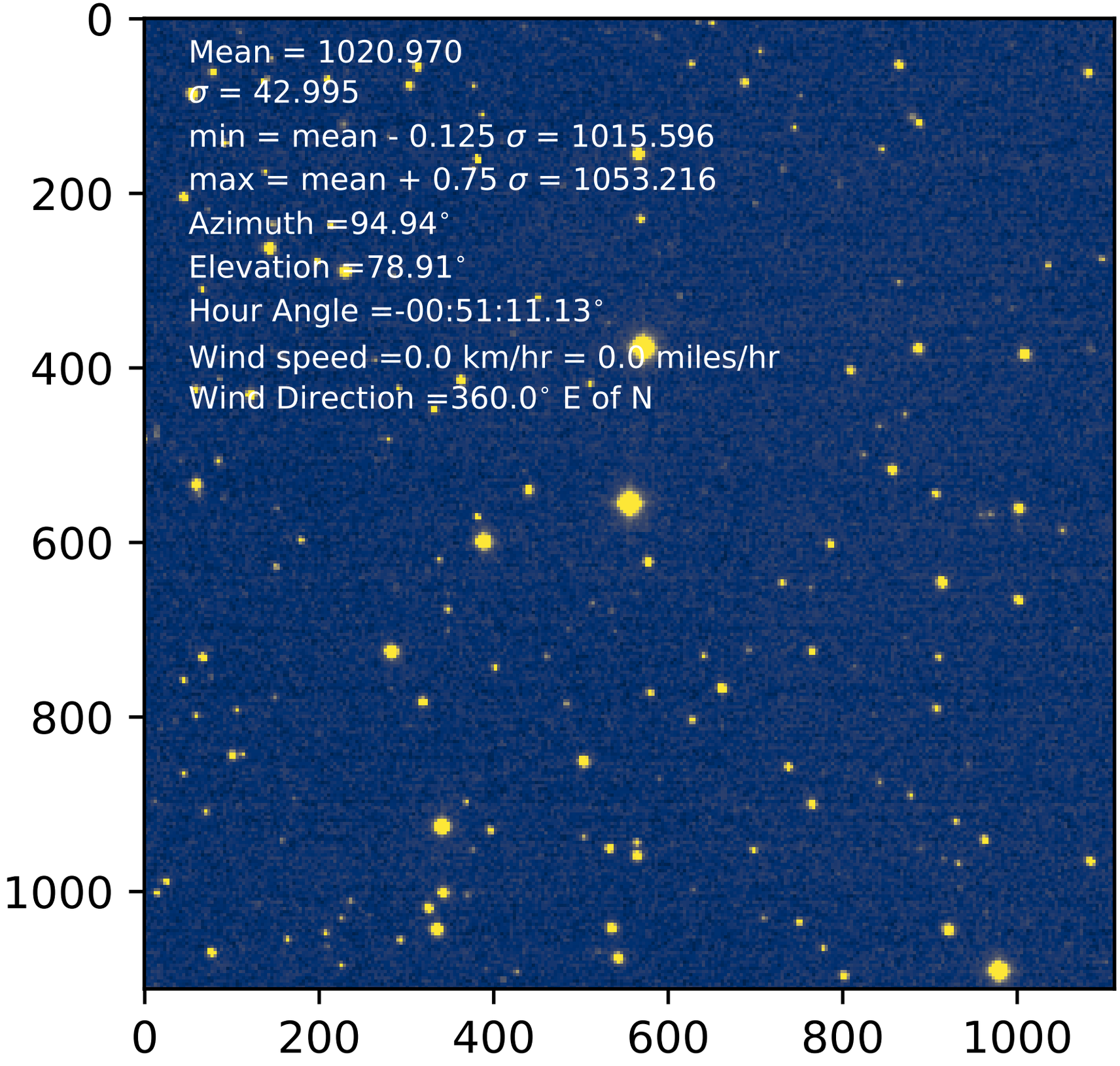
400
600
800
1000


Mean = 1020.970
σ = 42.995
min = mean - 0.125 σ = 1015.596
max = mean + 0.75 σ = 1053.216
Azimuth =94.94°
Elevation =78.91°
Hour Angle =-00:51:11.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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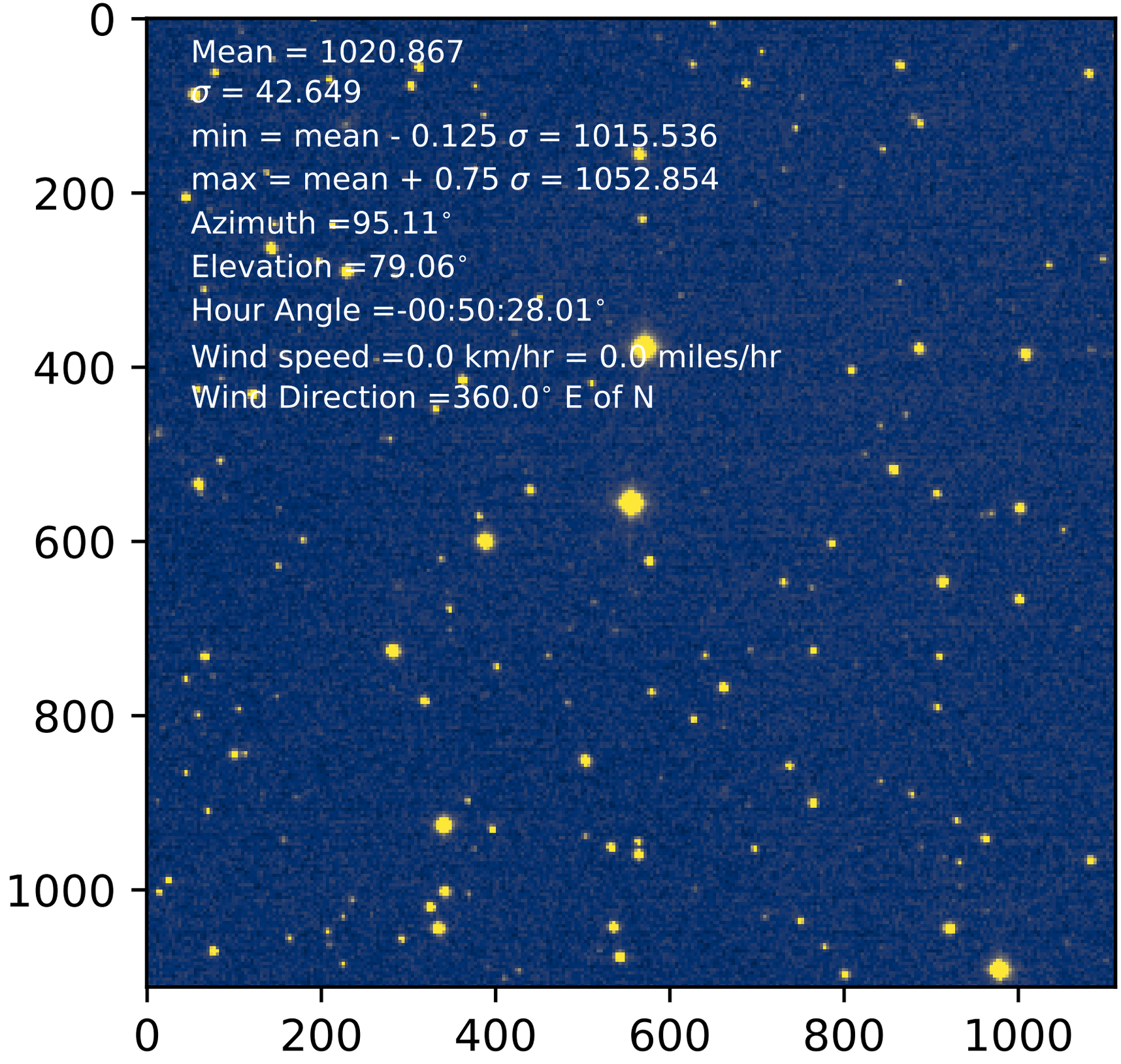
400
600
800
1000


Mean = 1020.867
σ = 42.649
min = mean - 0.125 σ = 1015.536
max = mean + 0.75 σ = 1052.854
Azimuth =95.11°
Elevation =79.06°
Hour Angle =-00:50:28.01°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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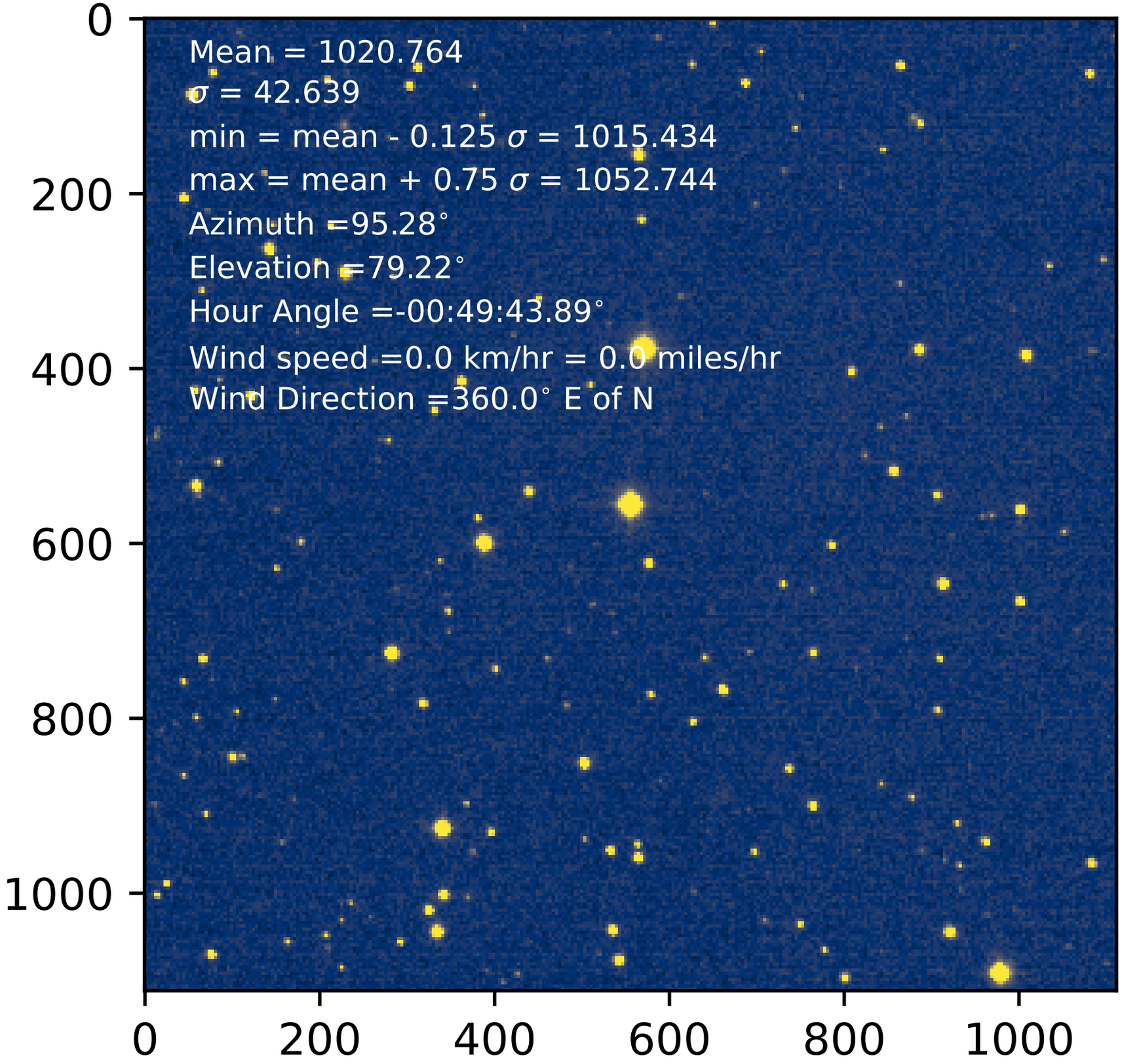
600
800
1000


Mean = 1020.764
σ = 42.639
min = mean - 0.125 σ = 1015.434
max = mean + 0.75 σ = 1052.744
Azimuth =95.28°
Elevation =79.22°
Hour Angle =-00:49:43.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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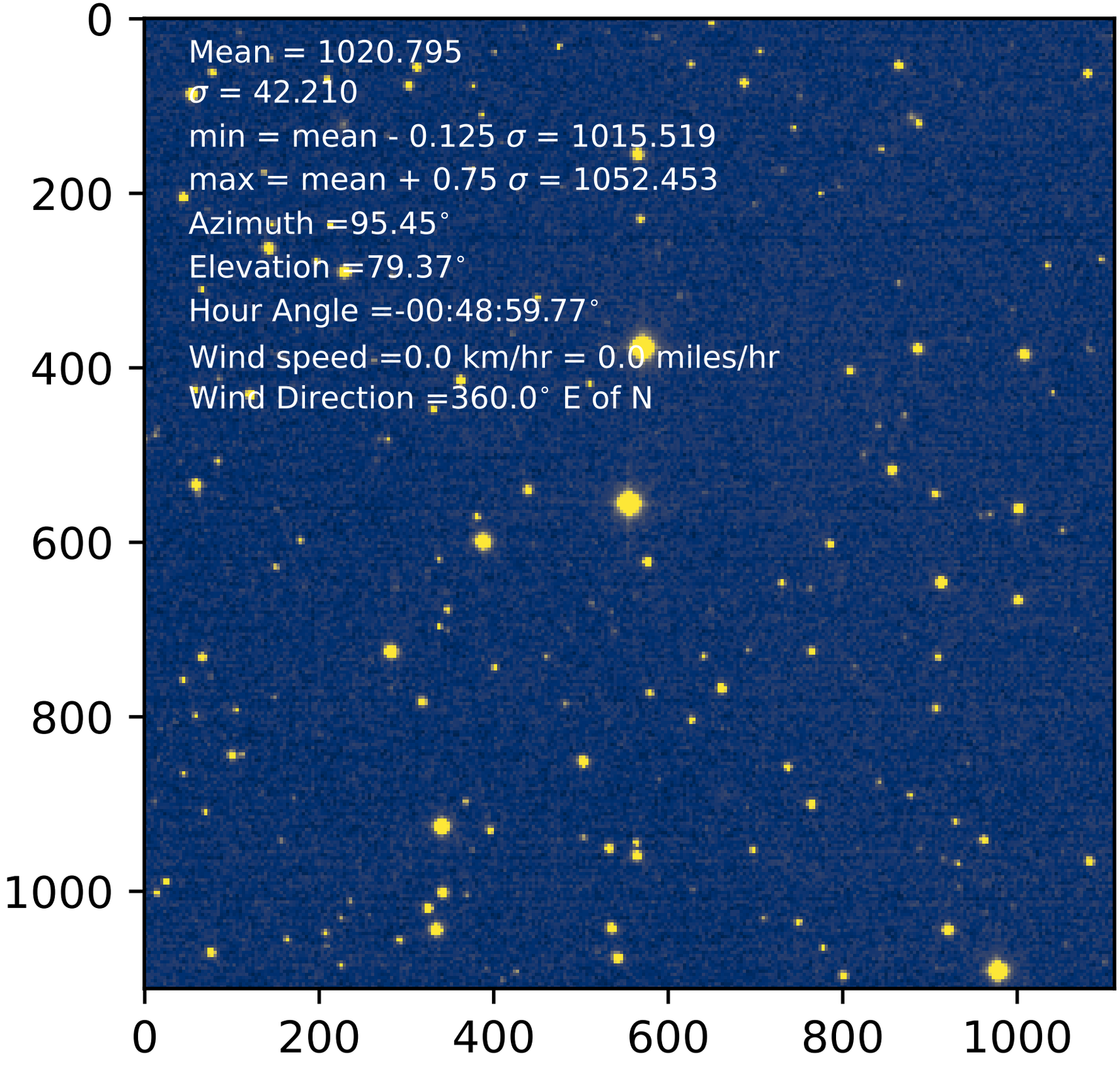
400
600
800
1000


Mean = 1020.795
σ = 42.210
min = mean - 0.125 σ = 1015.519
max = mean + 0.75 σ = 1052.453
Azimuth =95.45°
Elevation =79.37°
Hour Angle =-00:48:59.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
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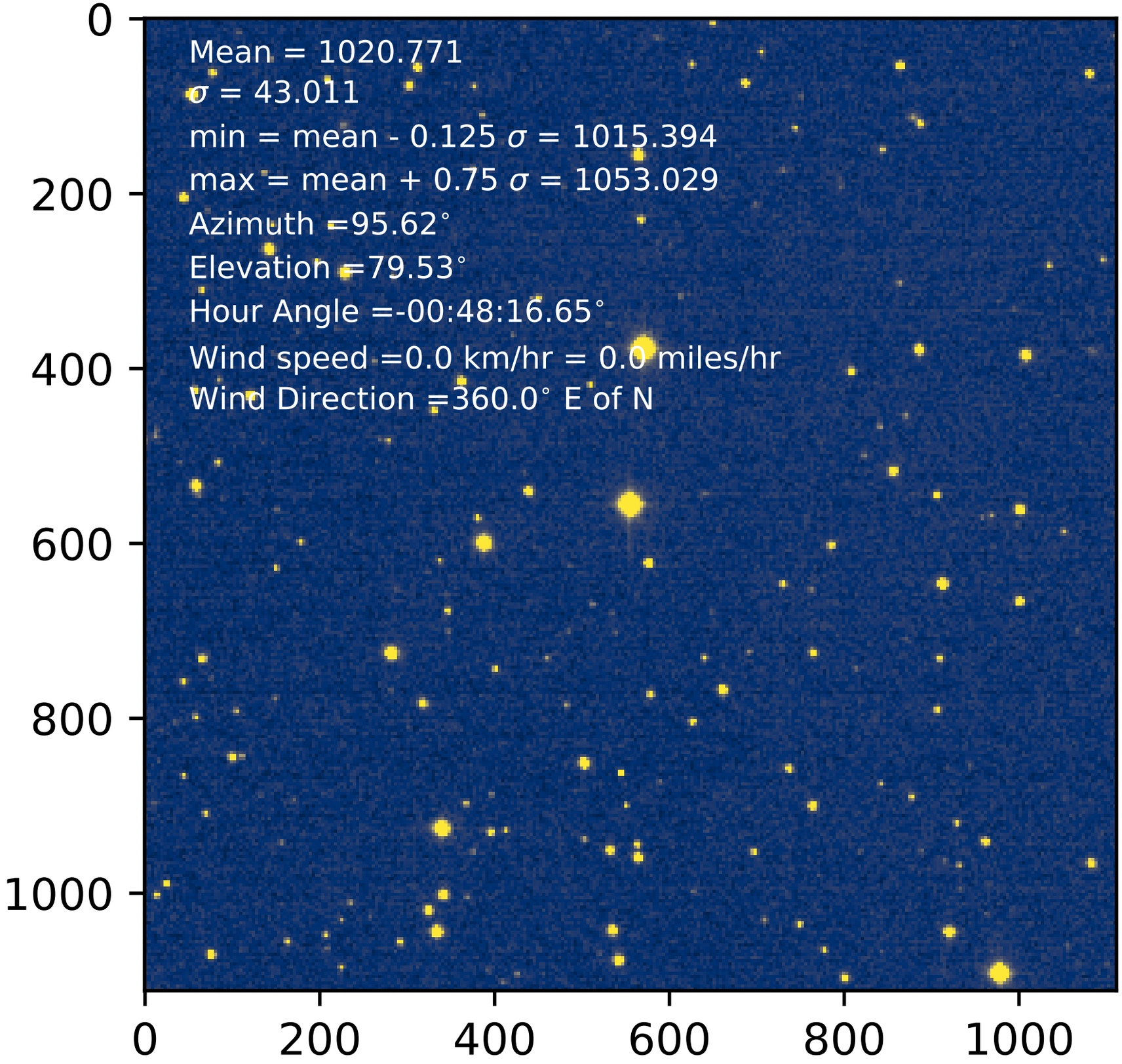
400
600
800
1000


Mean = 1020.771
σ = 43.011
min = mean - 0.125 σ = 1015.394
max = mean + 0.75 σ = 1053.029
Azimuth =95.62°
Elevation =79.53°
Hour Angle =-00:48:16.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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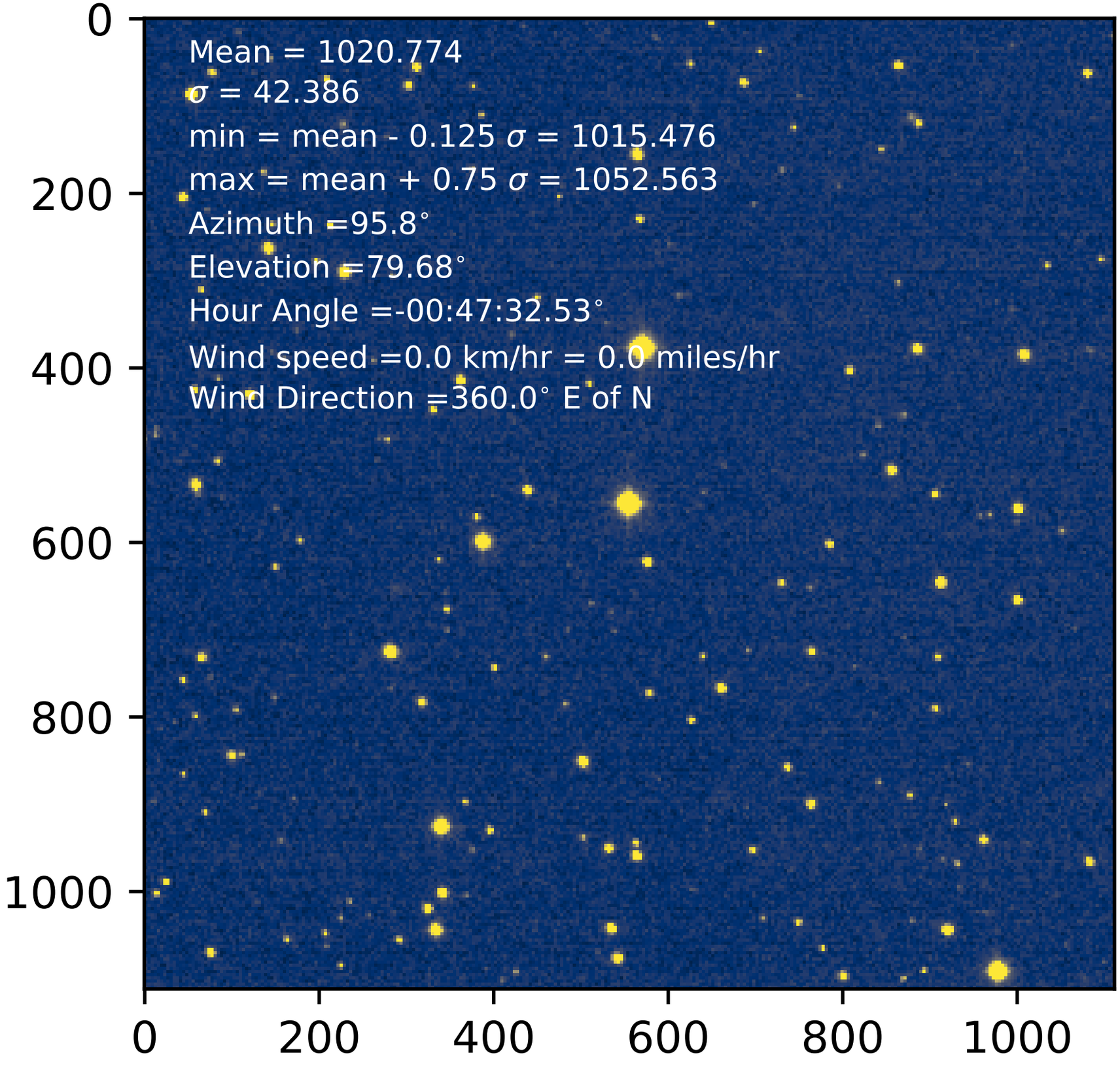
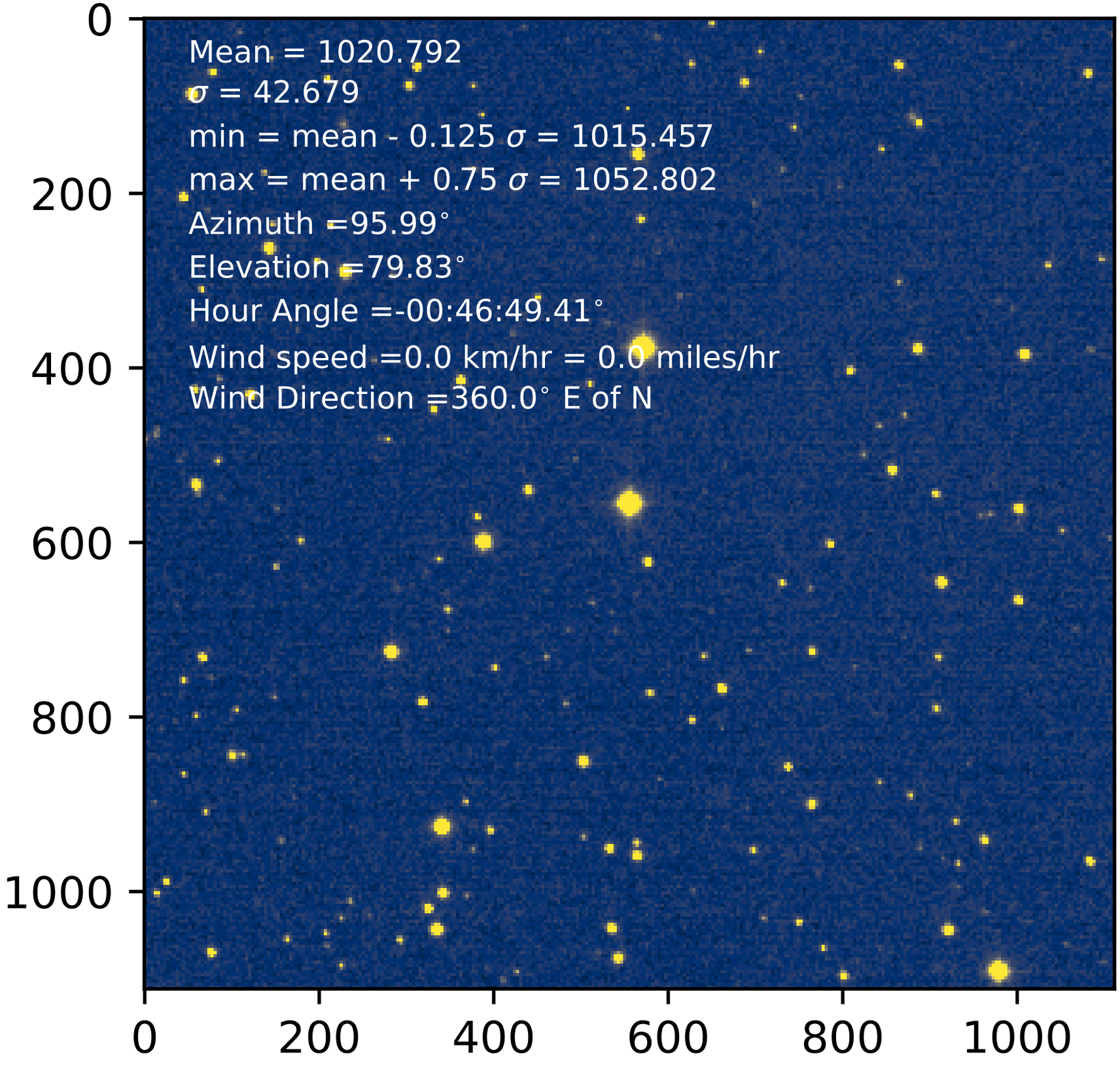
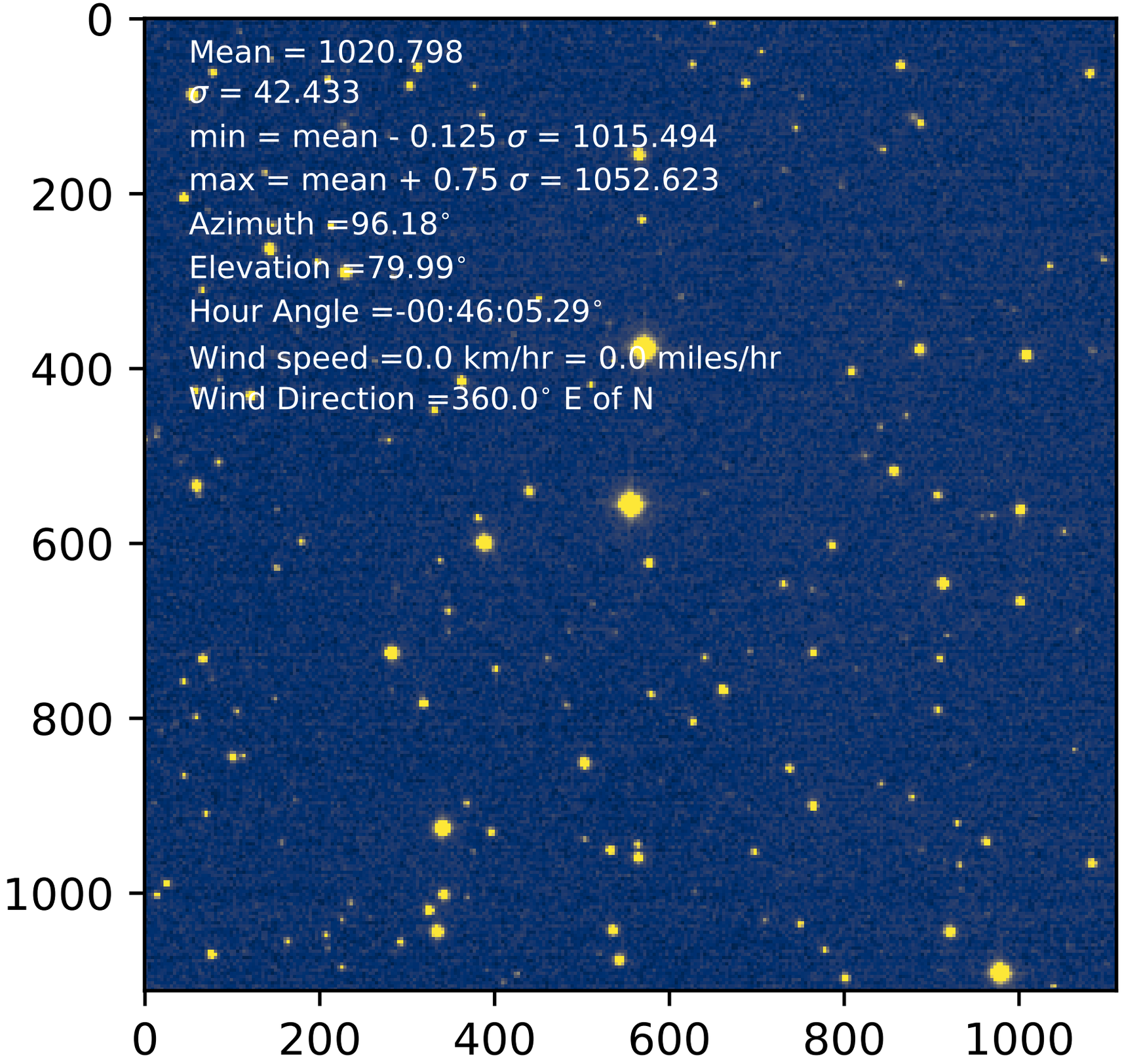
800
1000
0
200
400
600
800
1000


Mean = 1020.774
σ = 42.386
min = mean - 0.125 σ = 1015.476
max = mean + 0.75 σ = 1052.563
Azimuth =95.8°
Elevation =79.68°
Hour Angle =-00:47:32.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.792
σ = 42.679
min = mean - 0.125 σ = 1015.457
max = mean + 0.75 σ = 1052.802
Azimuth =95.99°
Elevation =79.83°
Hour Angle =-00:46:49.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.798
σ = 42.433
min = mean - 0.125 σ = 1015.494
max = mean + 0.75 σ = 1052.623
Azimuth =96.18°
Elevation =79.99°
Hour Angle =-00:46:05.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
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1000
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200
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600
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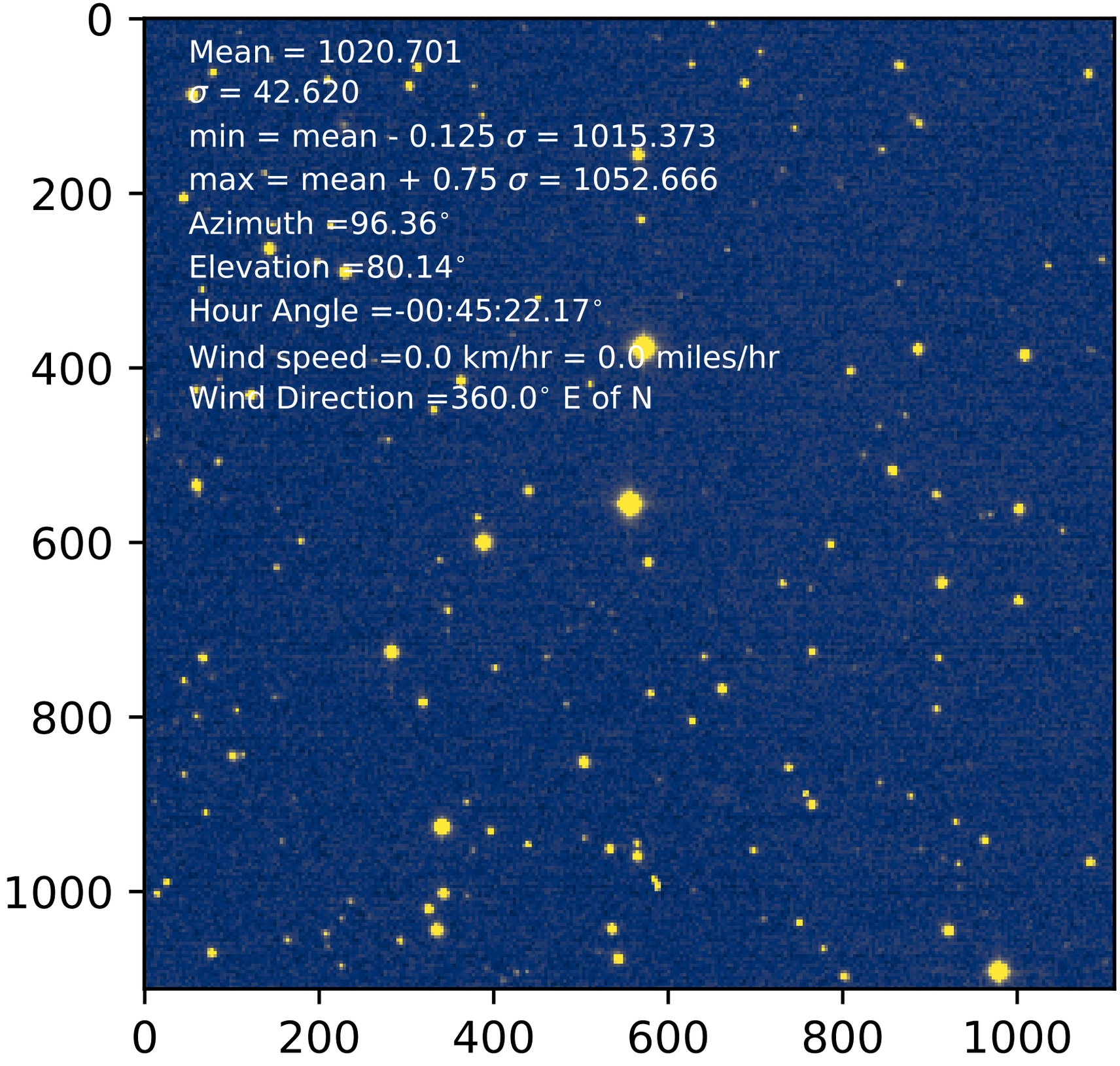
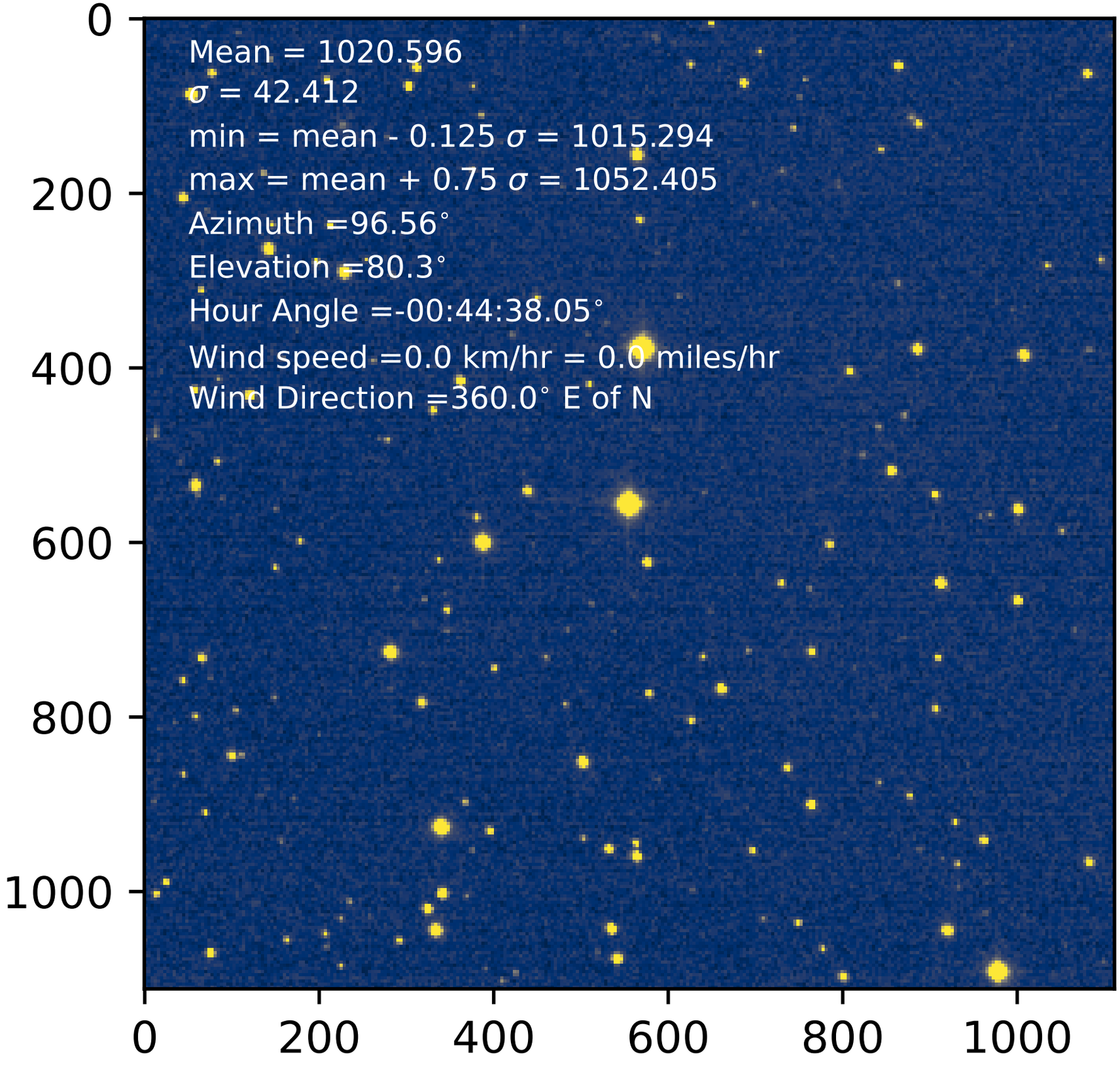
1000


Mean = 1020.701
σ = 42.620
min = mean - 0.125 σ = 1015.373
max = mean + 0.75 σ = 1052.666
Azimuth =96.36°
Elevation =80.14°
Hour Angle =-00:45:22.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.596
σ = 42.412
min = mean - 0.125 σ = 1015.294
max = mean + 0.75 σ = 1052.405
Azimuth =96.56°
Elevation =80.3°
Hour Angle =-00:44:38.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
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200
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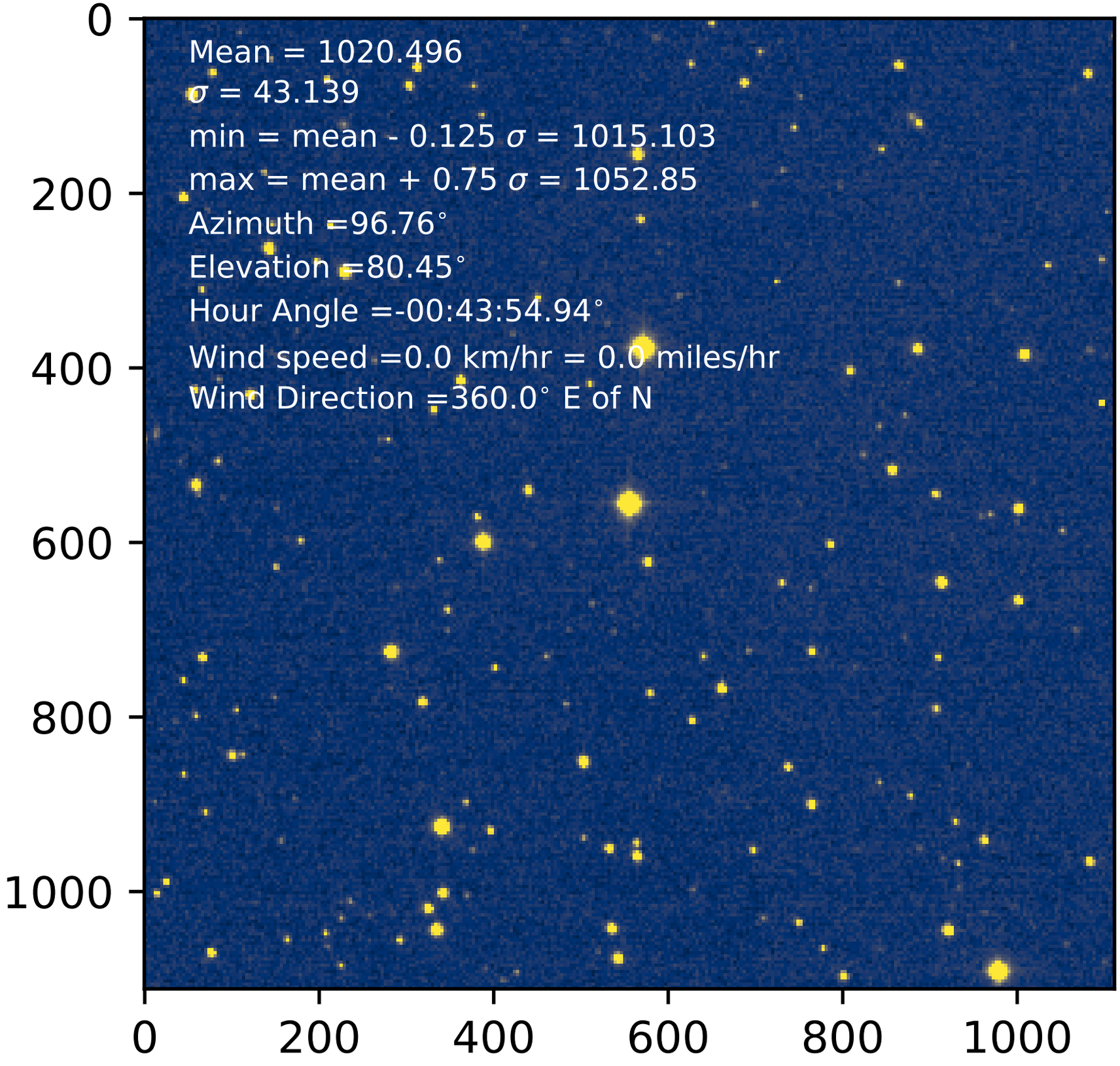
1000


Mean = 1020.496
σ = 43.139
min = mean - 0.125 σ = 1015.103
max = mean + 0.75 σ = 1052.85
Azimuth =96.76°
Elevation =80.45°
Hour Angle =-00:43:54.94°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
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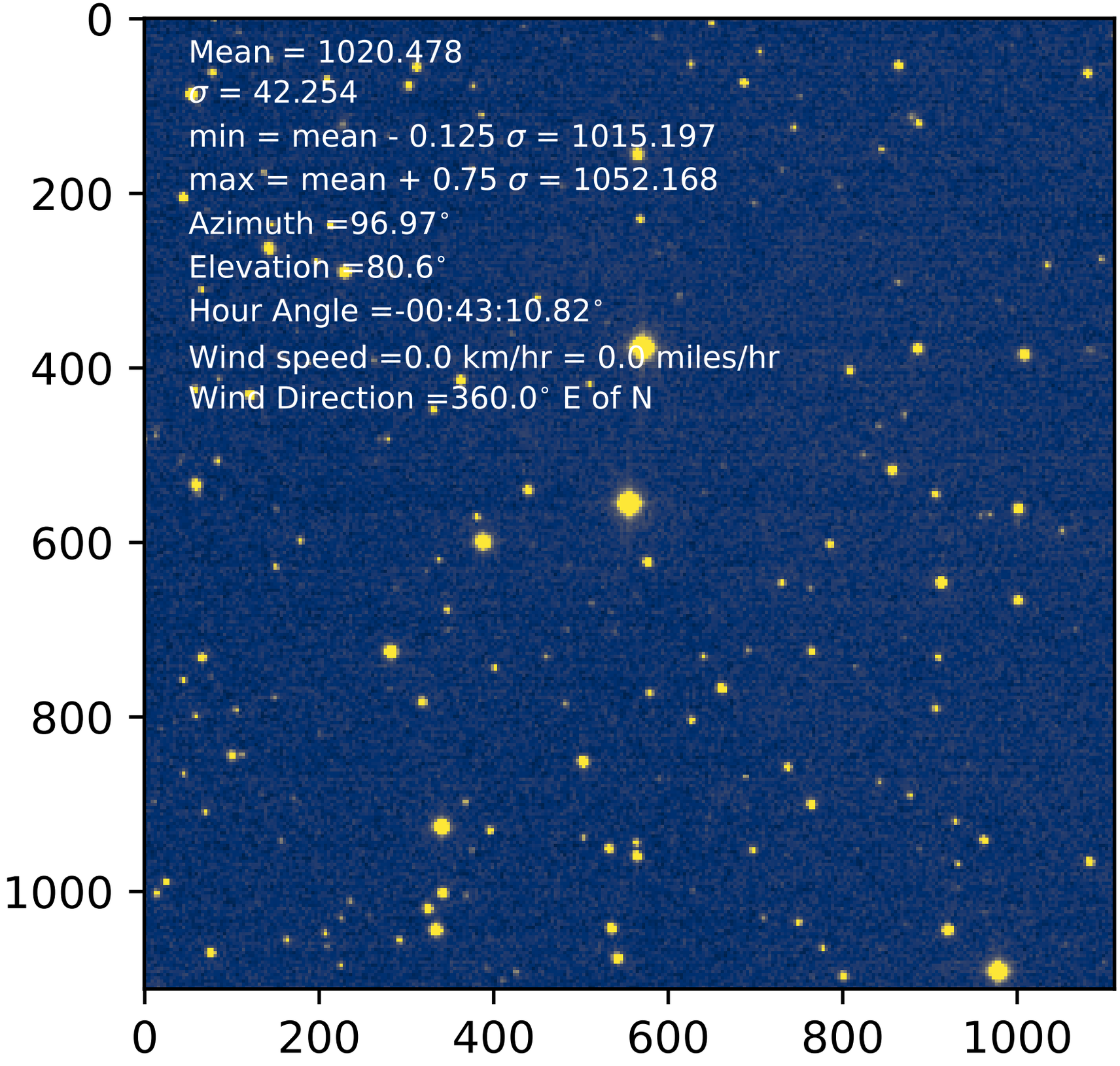
1000


Mean = 1020.478
σ = 42.254
min = mean - 0.125 σ = 1015.197
max = mean + 0.75 σ = 1052.168
Azimuth =96.97°
Elevation =80.6°
Hour Angle =-00:43:10.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
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200
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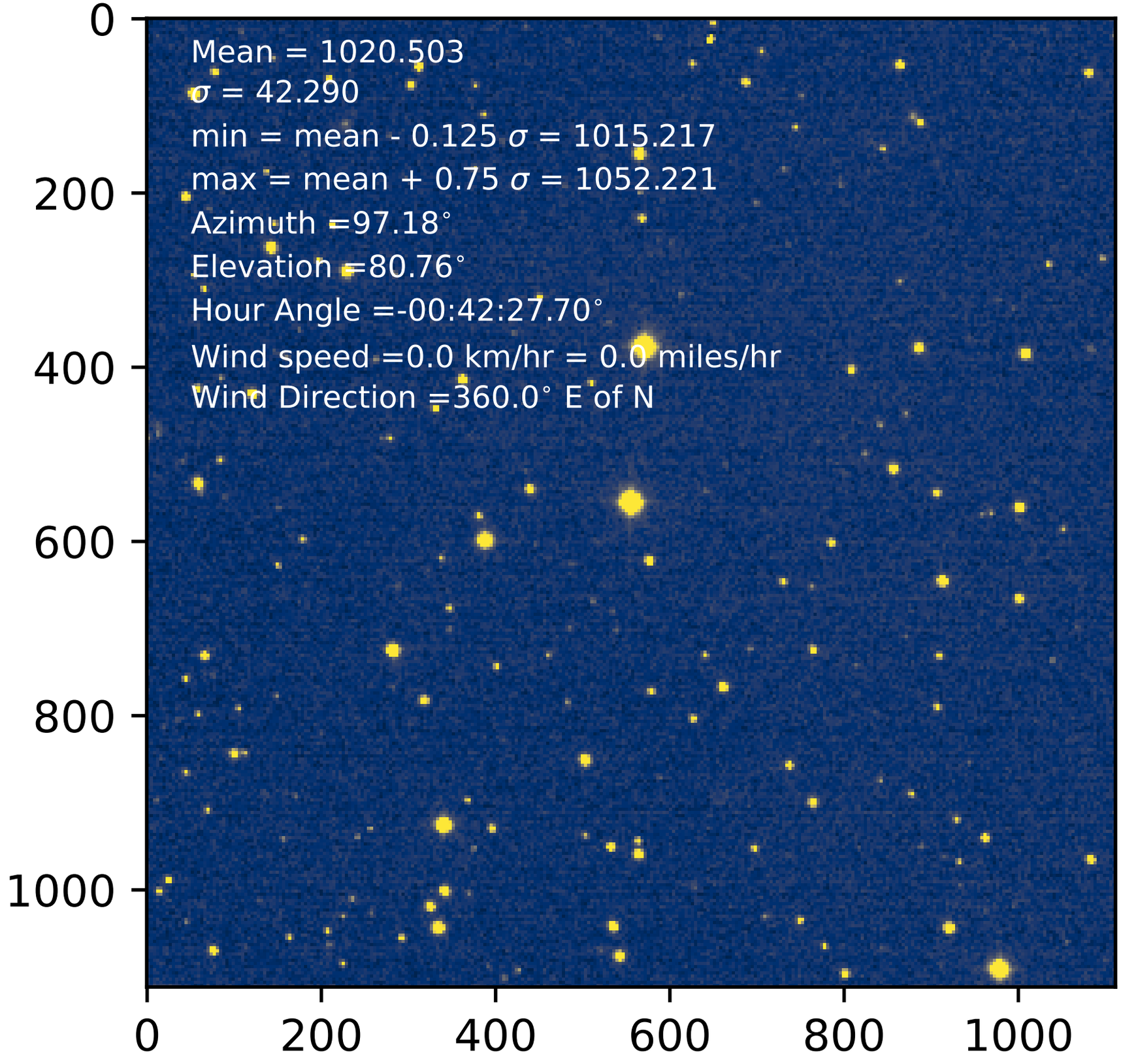
1000


Mean = 1020.503
σ = 42.290
min = mean - 0.125 σ = 1015.217
max = mean + 0.75 σ = 1052.221
Azimuth =97.18°
Elevation =80.76°
Hour Angle =-00:42:27.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
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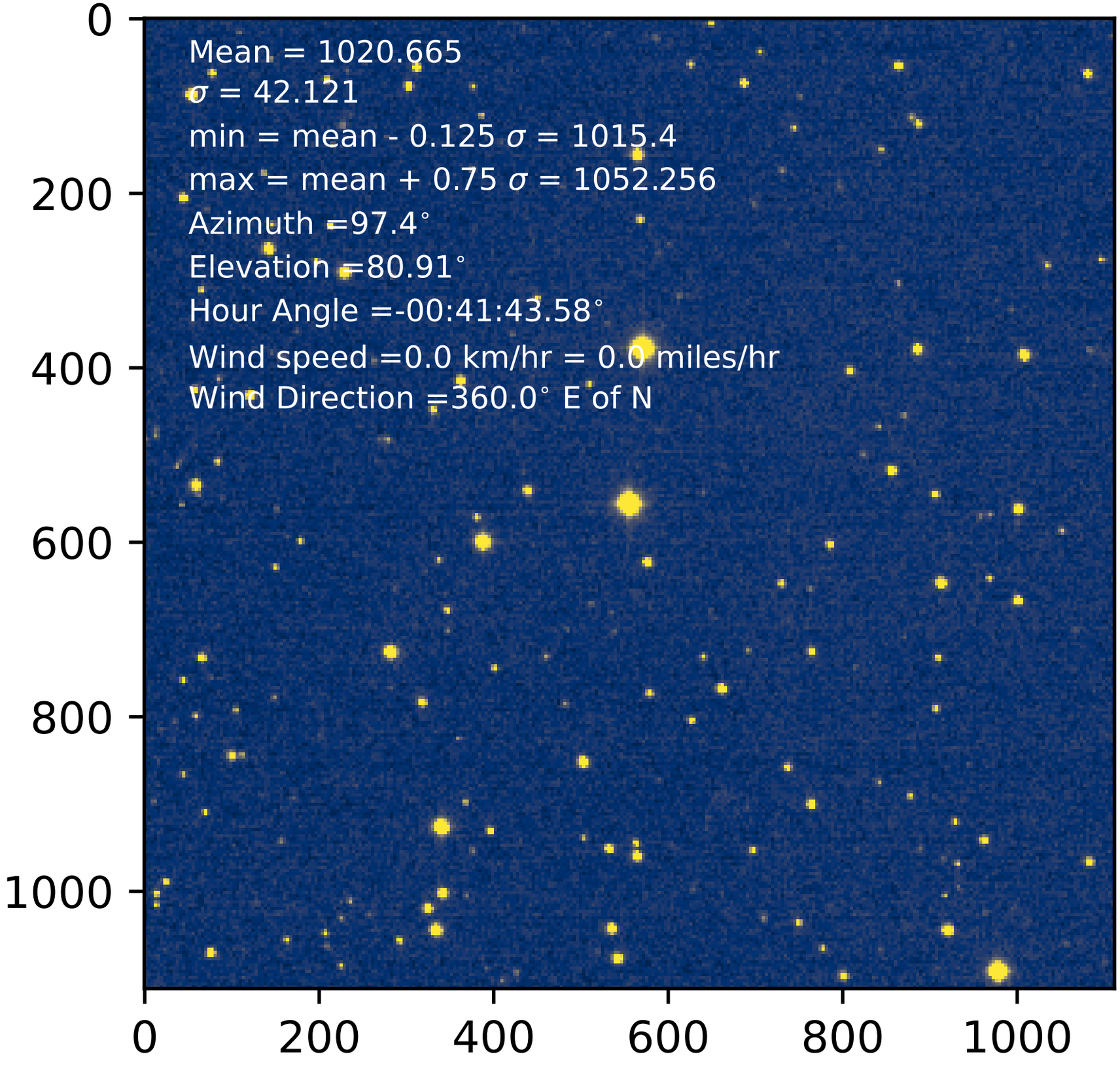
Mean = 1020.665
σ = 42.121
min = mean - 0.125 σ = 1015.4
max = mean + 0.75 σ = 1052.256
Azimuth =97.4°
Elevation =80.91°
Hour Angle =-00:41:43.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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600
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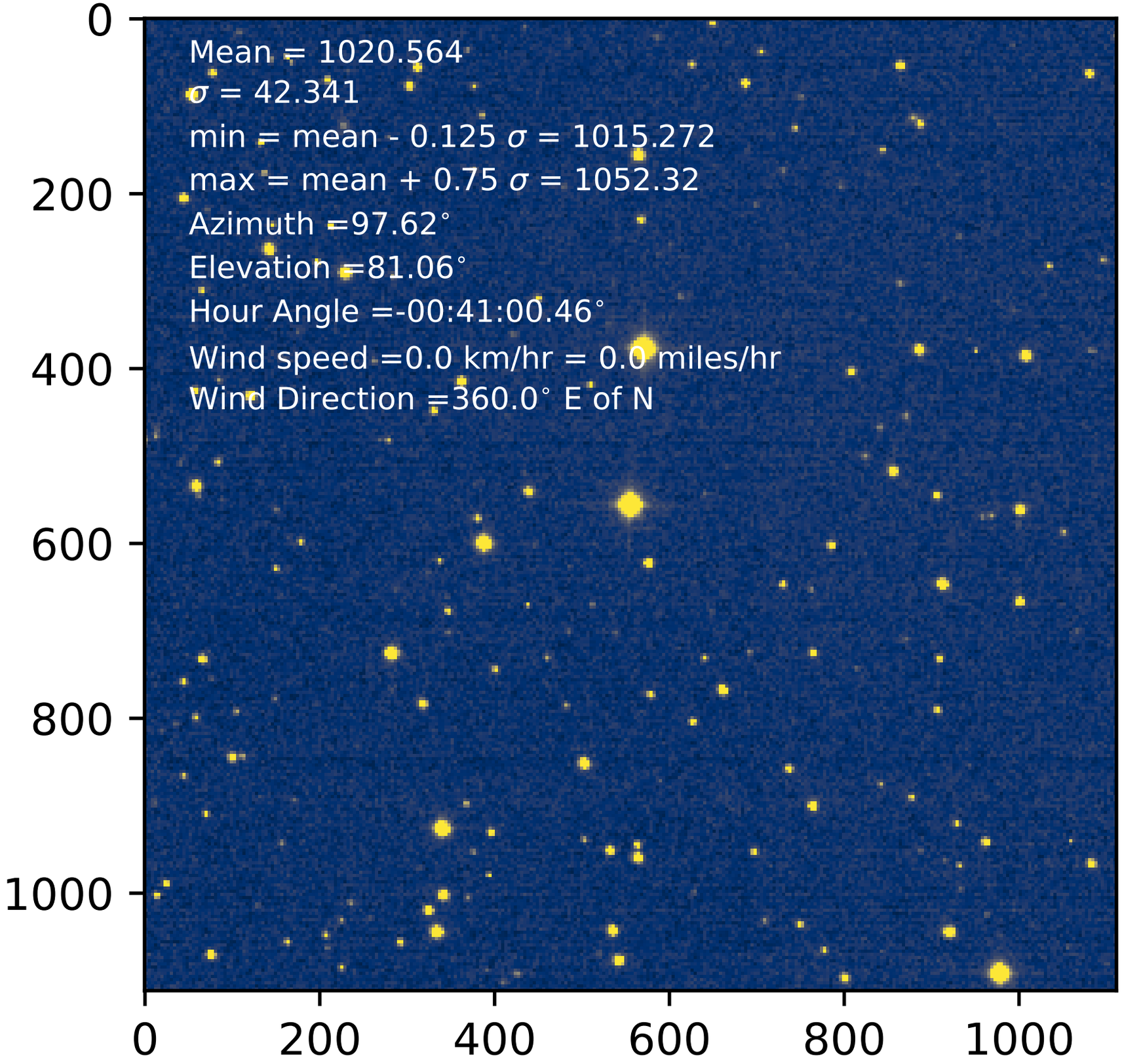
1000


Mean = 1020.564
σ = 42.341
min = mean - 0.125 σ = 1015.272
max = mean + 0.75 σ = 1052.32
Azimuth =97.62°
Elevation =81.06°
Hour Angle =-00:41:00.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
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200
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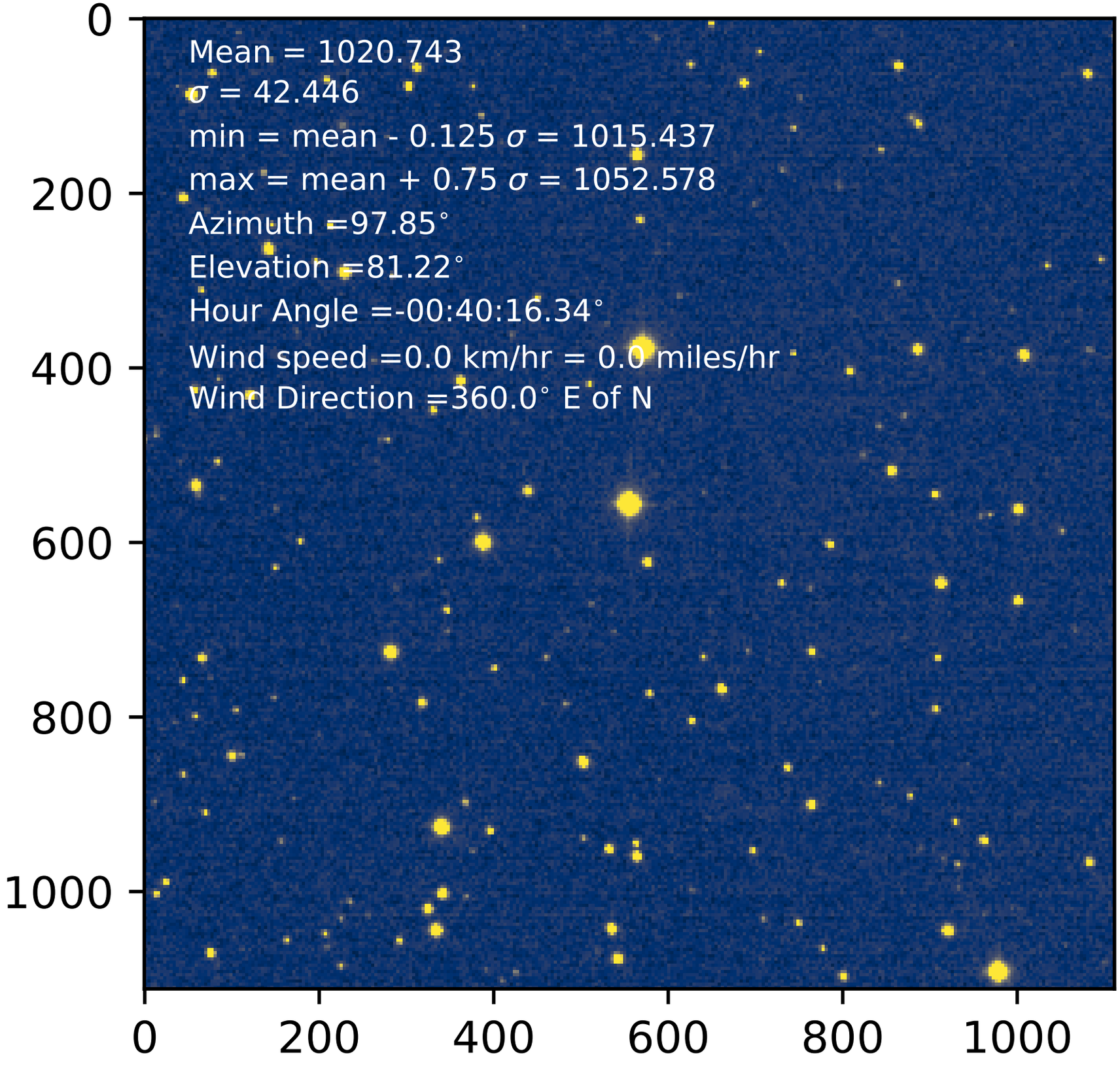
Mean = 1020.743
σ = 42.446
min = mean - 0.125 σ = 1015.437
max = mean + 0.75 σ = 1052.578
Azimuth =97.85°
Elevation =81.22°
Hour Angle =-00:40:16.34°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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600
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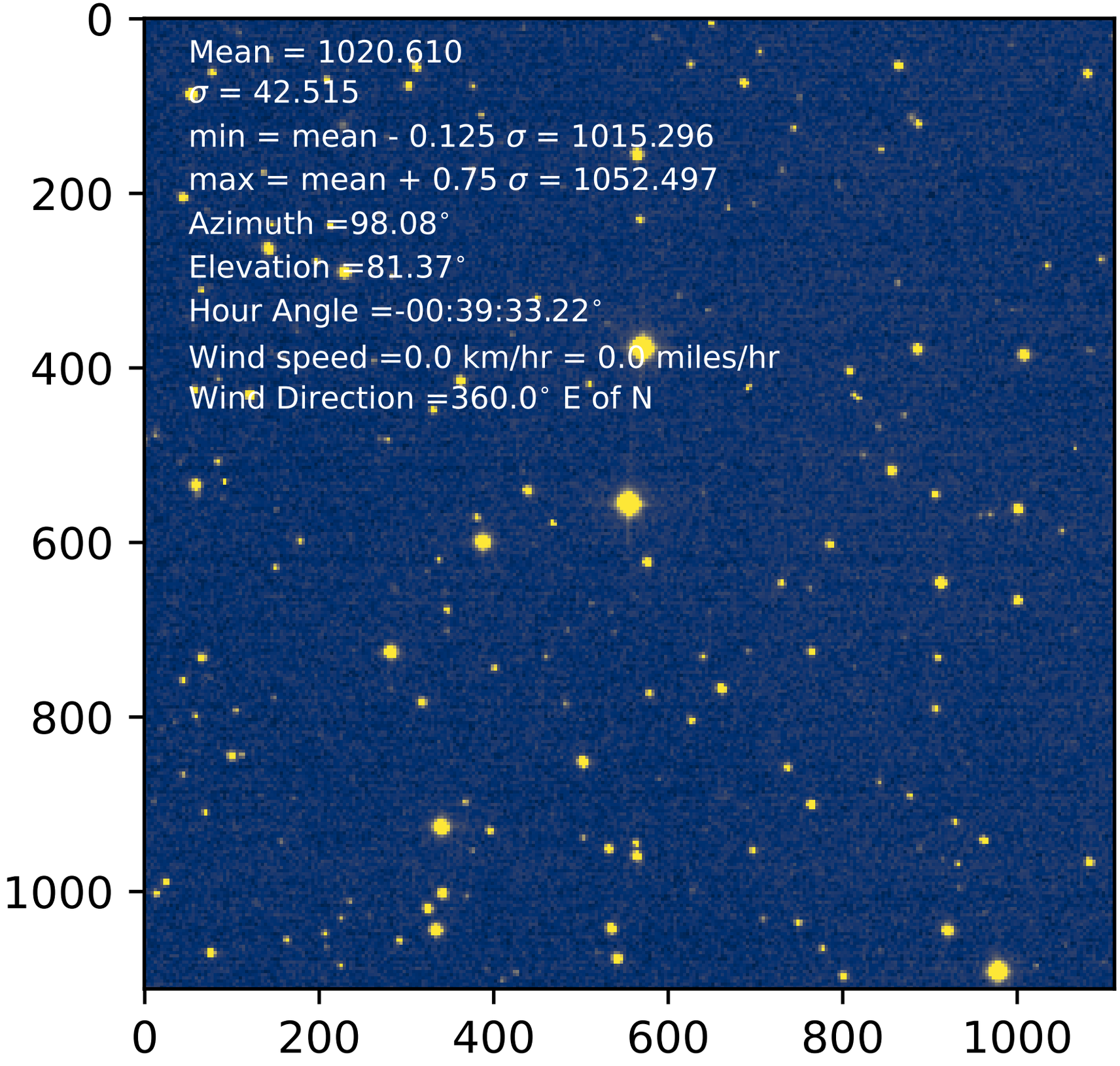
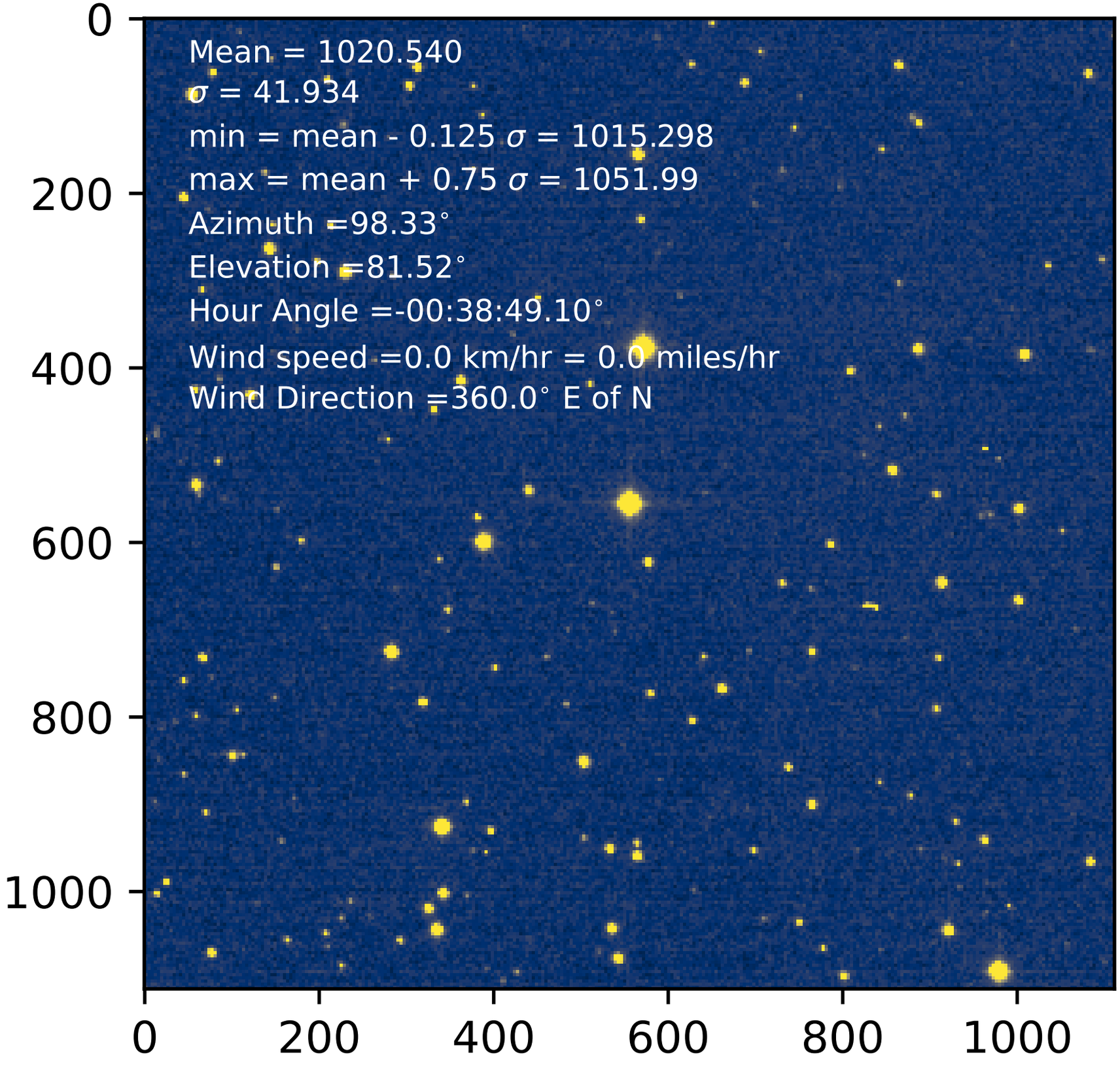
1000


Mean = 1020.610
σ = 42.515
min = mean - 0.125 σ = 1015.296
max = mean + 0.75 σ = 1052.497
Azimuth =98.08°
Elevation =81.37°
Hour Angle =-00:39:33.22°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.540
σ = 41.934
min = mean - 0.125 σ = 1015.298
max = mean + 0.75 σ = 1051.99
Azimuth =98.33°
Elevation =81.52°
Hour Angle =-00:38:49.10°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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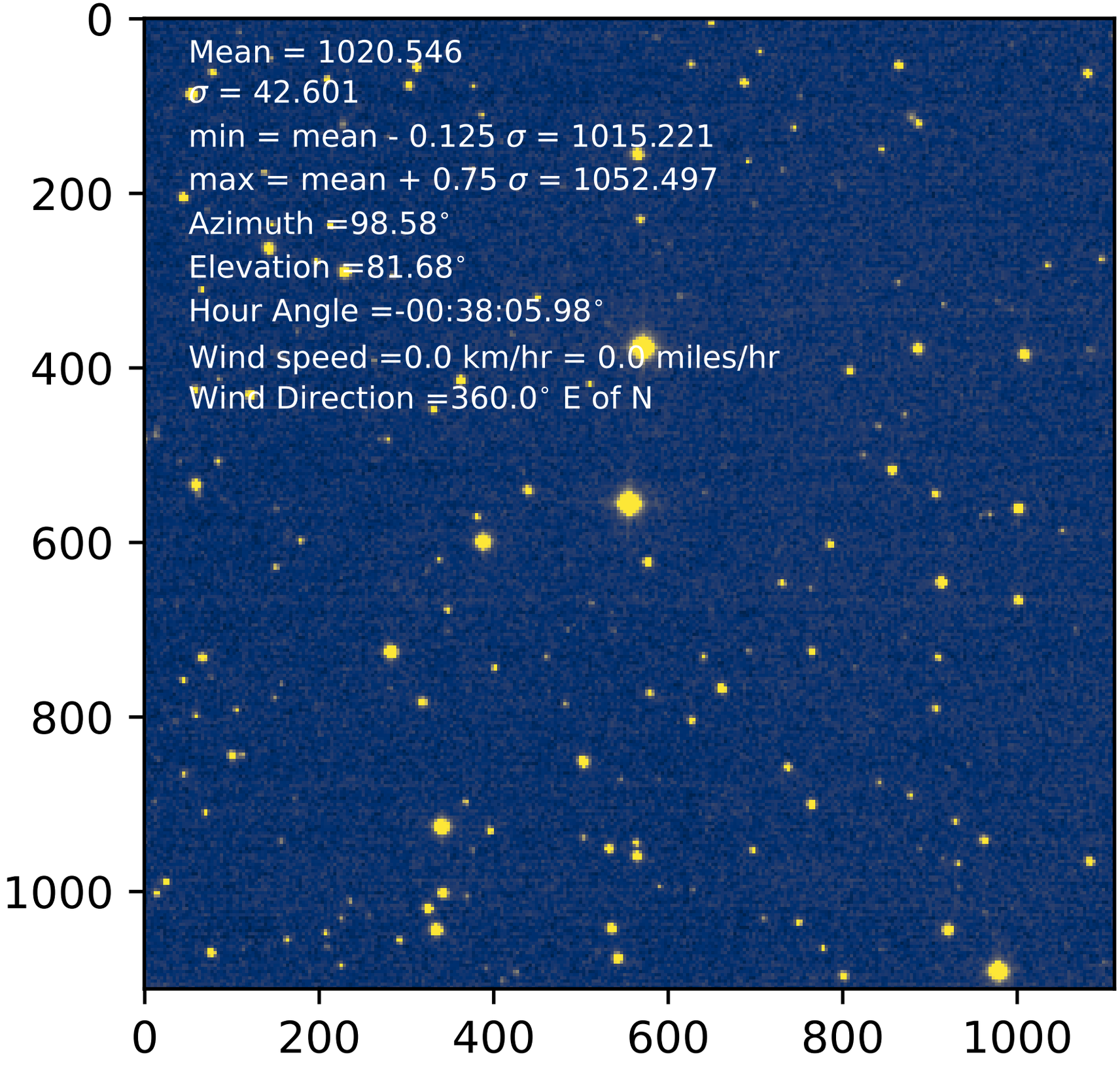
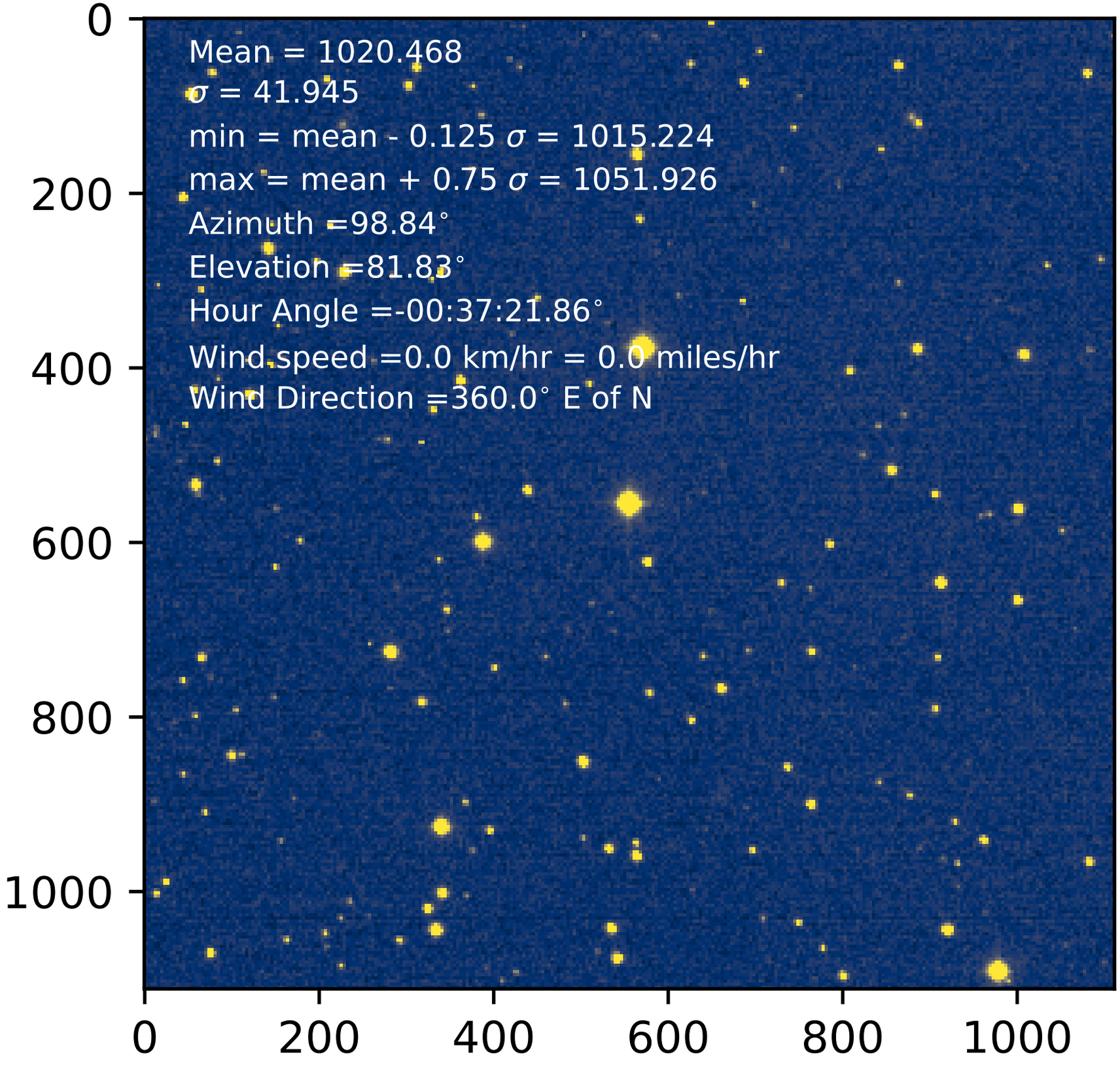
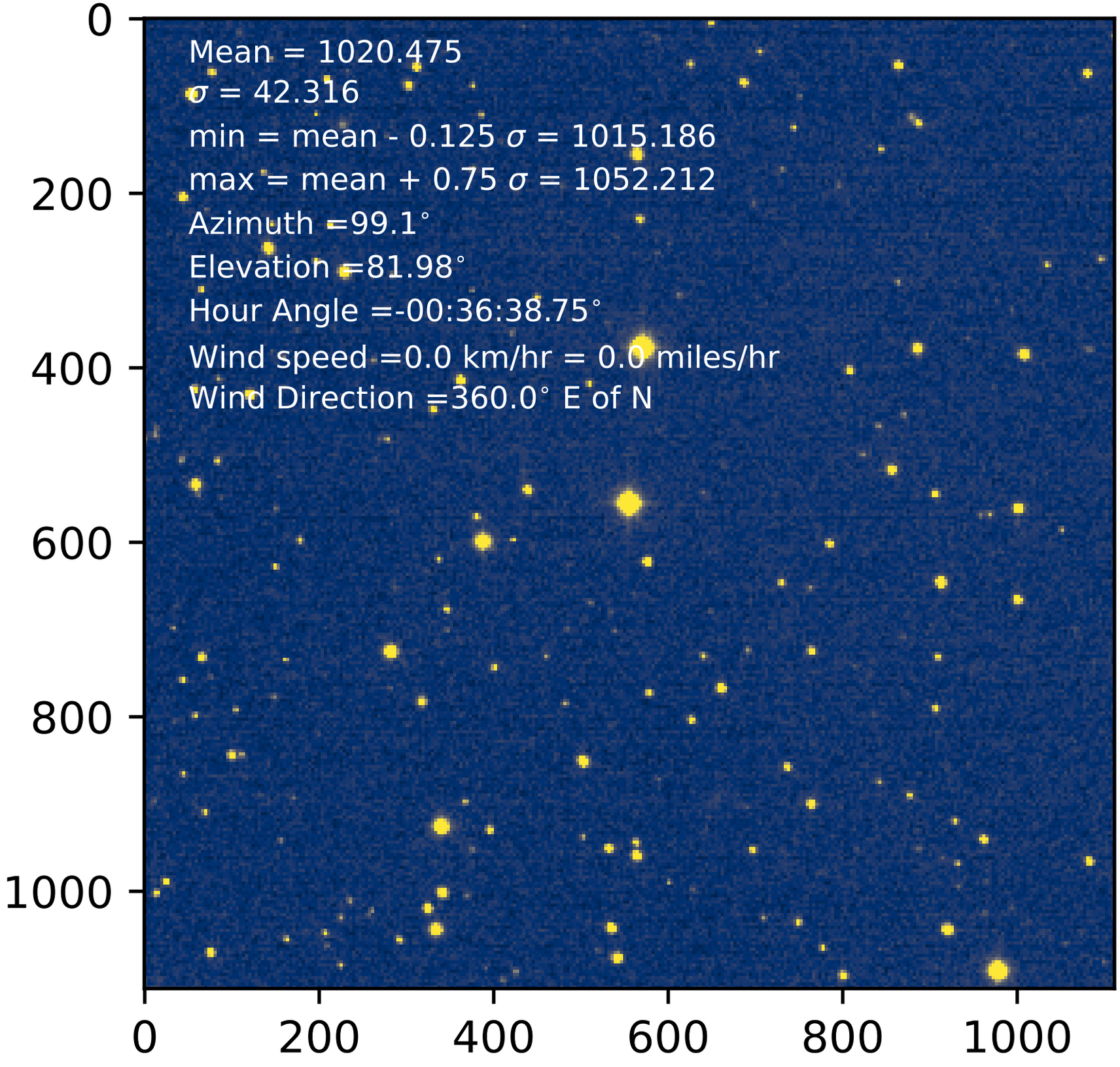
600
800
1000


Mean = 1020.546
σ = 42.601
min = mean - 0.125 σ = 1015.221
max = mean + 0.75 σ = 1052.497
Azimuth =98.58°
Elevation =81.68°
Hour Angle =-00:38:05.98°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.468
σ = 41.945
min = mean - 0.125 σ = 1015.224
max = mean + 0.75 σ = 1051.926
Azimuth =98.84°
Elevation =81.83°
Hour Angle =-00:37:21.86°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.475
σ = 42.316
min = mean - 0.125 σ = 1015.186
max = mean + 0.75 σ = 1052.212
Azimuth =99.1°
Elevation =81.98°
Hour Angle =-00:36:38.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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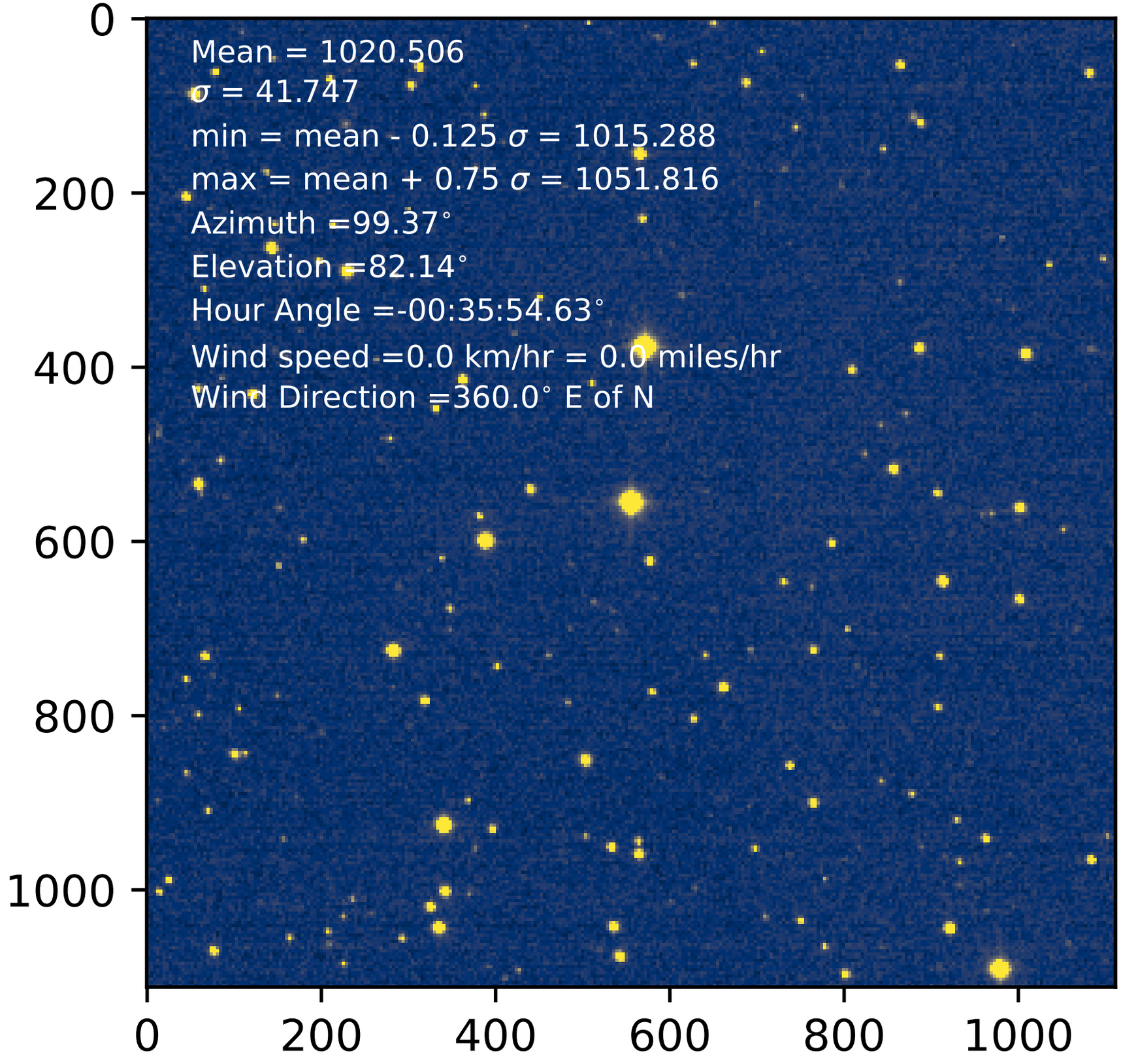
800
1000
0
200
400
600
800
1000


Mean = 1020.506
σ = 41.747
min = mean - 0.125 σ = 1015.288
max = mean + 0.75 σ = 1051.816
Azimuth =99.37°
Elevation =82.14°
Hour Angle =-00:35:54.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
200
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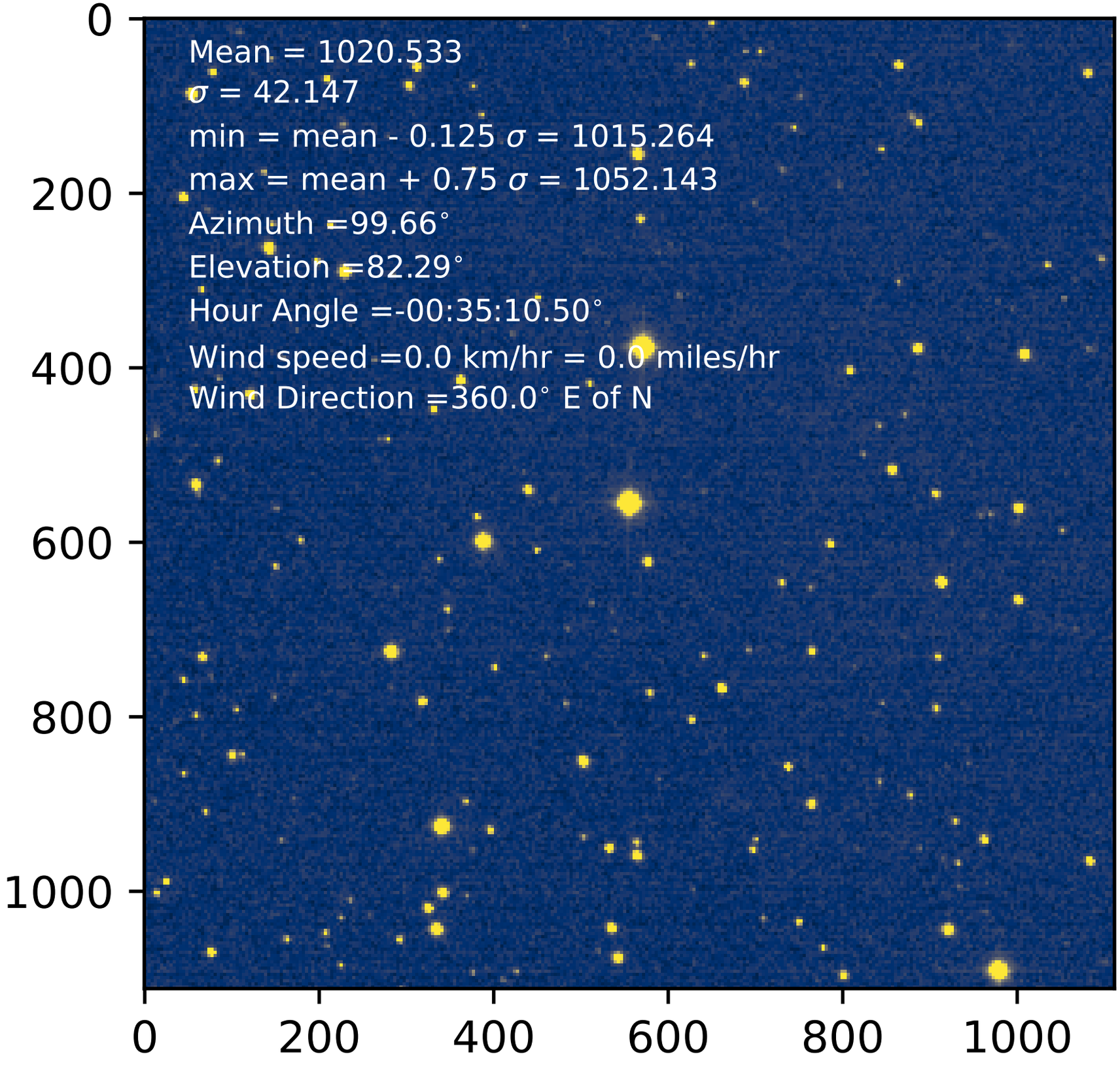
600
800
1000


Mean = 1020.533
σ = 42.147
min = mean - 0.125 σ = 1015.264
max = mean + 0.75 σ = 1052.143
Azimuth =99.66°
Elevation =82.29°
Hour Angle =-00:35:10.50°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
200
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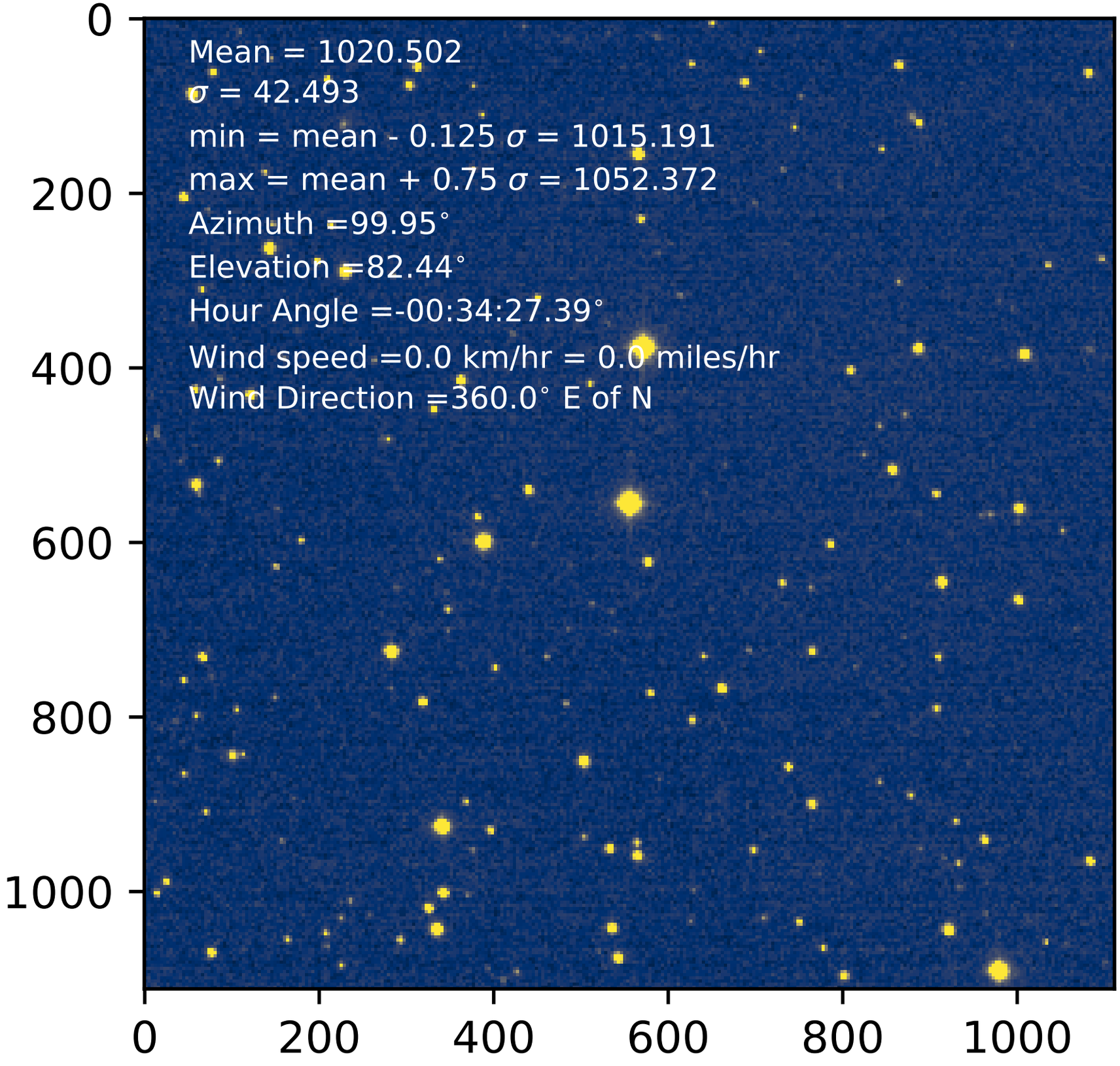
1000


Mean = 1020.502
σ = 42.493
min = mean - 0.125 σ = 1015.191
max = mean + 0.75 σ = 1052.372
Azimuth =99.95°
Elevation =82.44°
Hour Angle =-00:34:27.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
200
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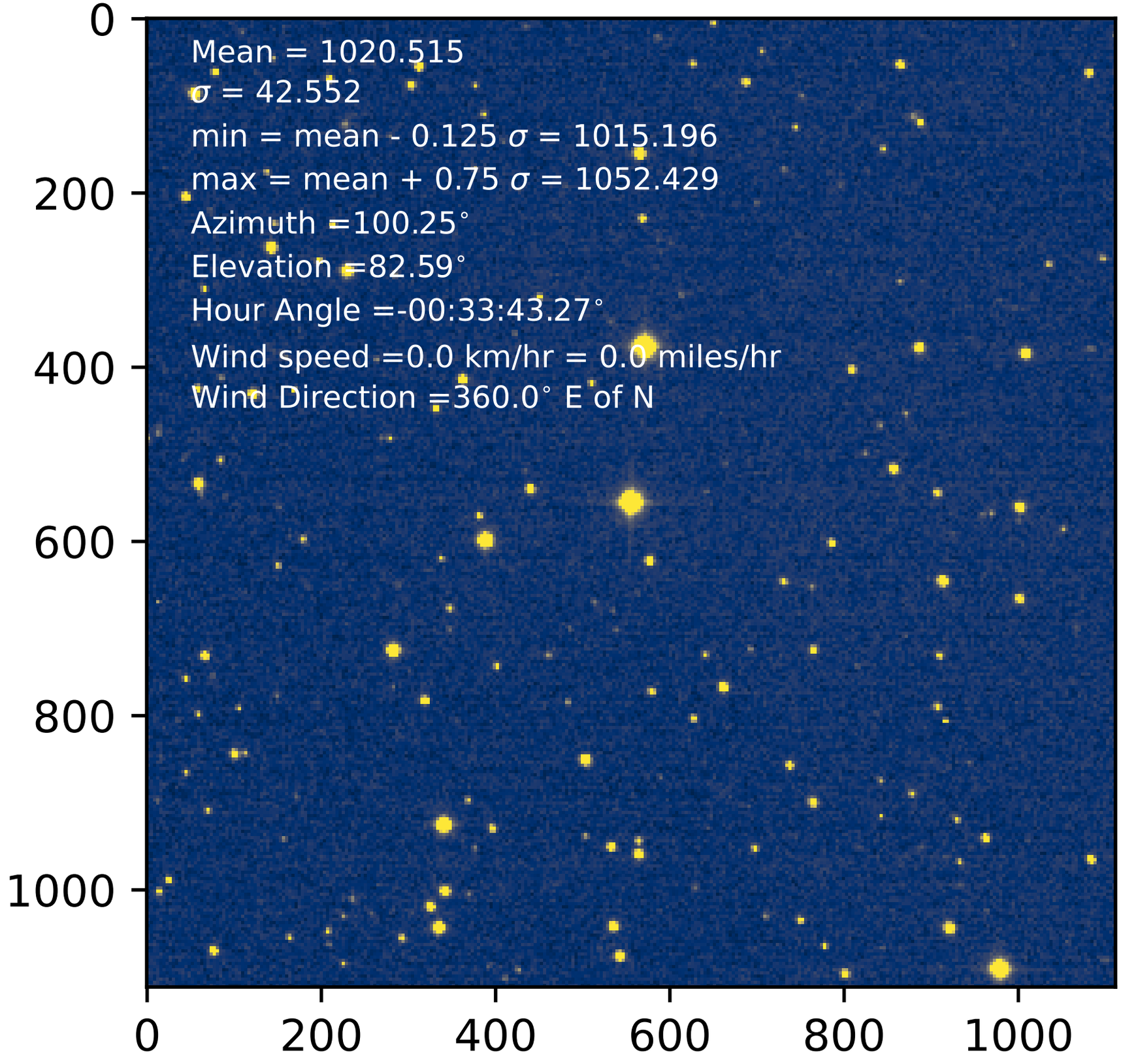
800
1000


Mean = 1020.515
σ = 42.552
min = mean - 0.125 σ = 1015.196
max = mean + 0.75 σ = 1052.429
Azimuth =100.25°
Elevation =82.59°
Hour Angle =-00:33:43.27°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
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800
1000
0
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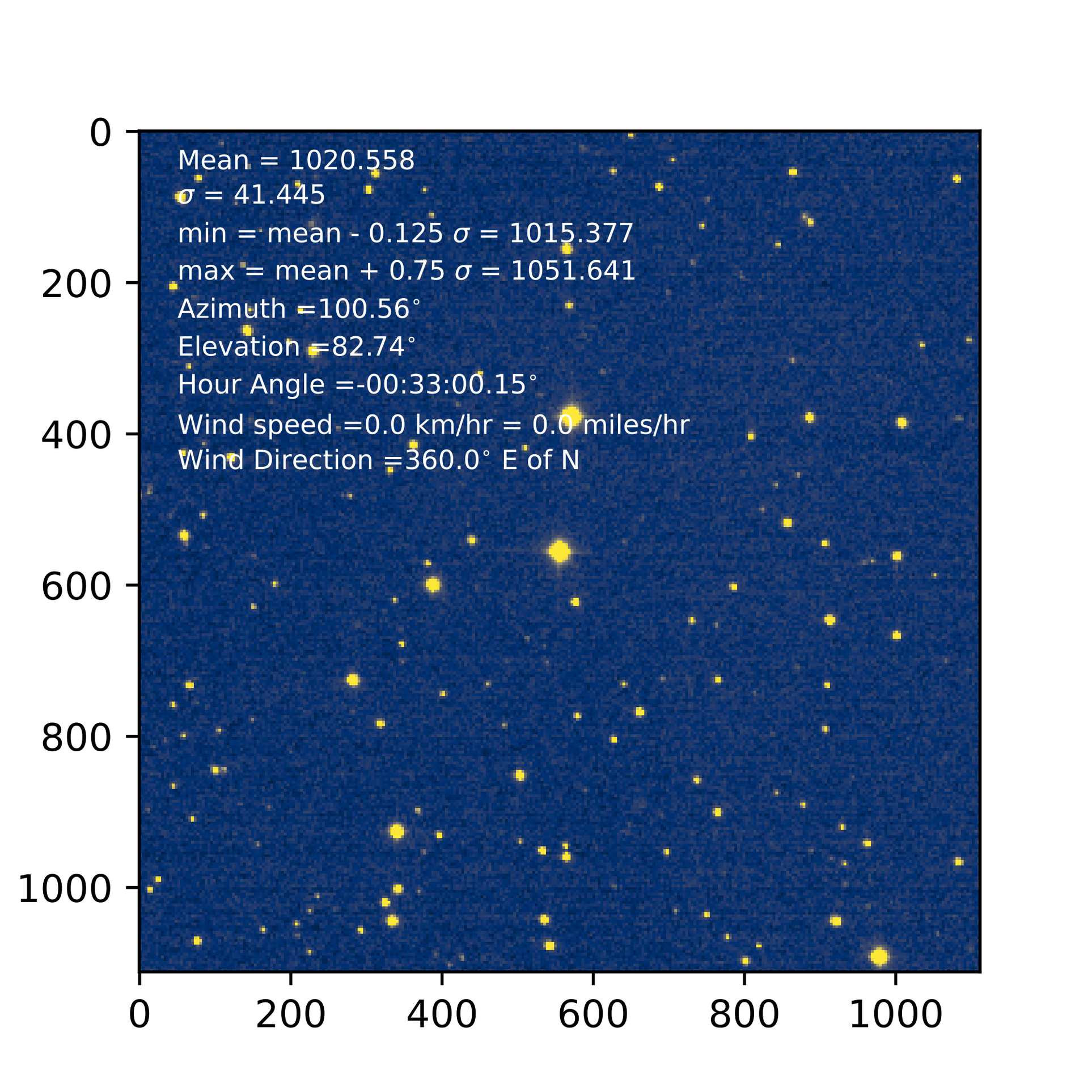
800
1000


Mean = 1020.558
σ = 41.445
min = mean - 0.125 σ = 1015.377
max = mean + 0.75 σ = 1051.641
Azimuth =100.56°
Elevation =82.74°
Hour Angle =-00:33:00.15°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
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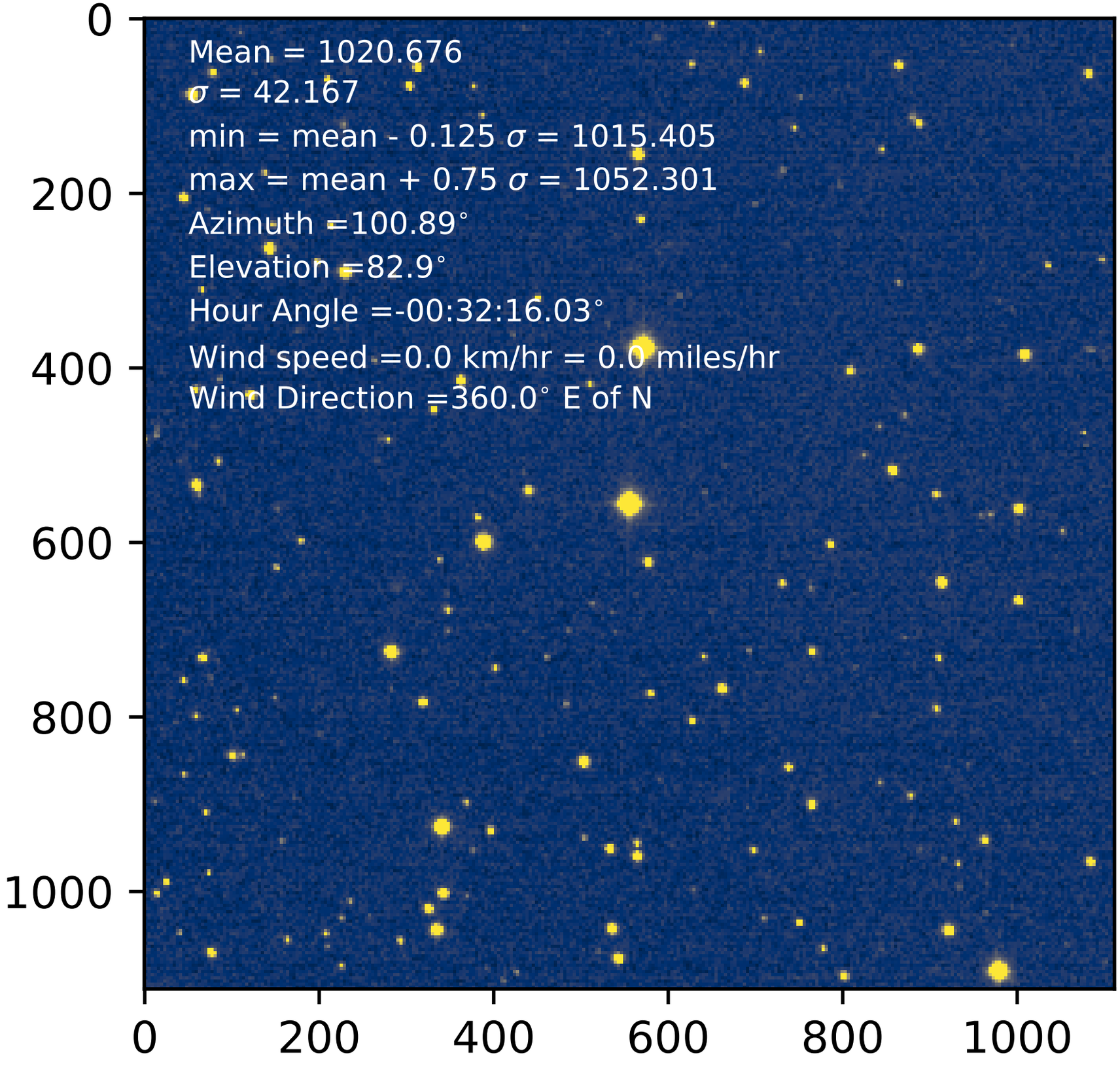
600
800
1000


Mean = 1020.676
σ = 42.167
min = mean - 0.125 σ = 1015.405
max = mean + 0.75 σ = 1052.301
Azimuth =100.89°
Elevation =82.9°
Hour Angle =-00:32:16.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
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1000
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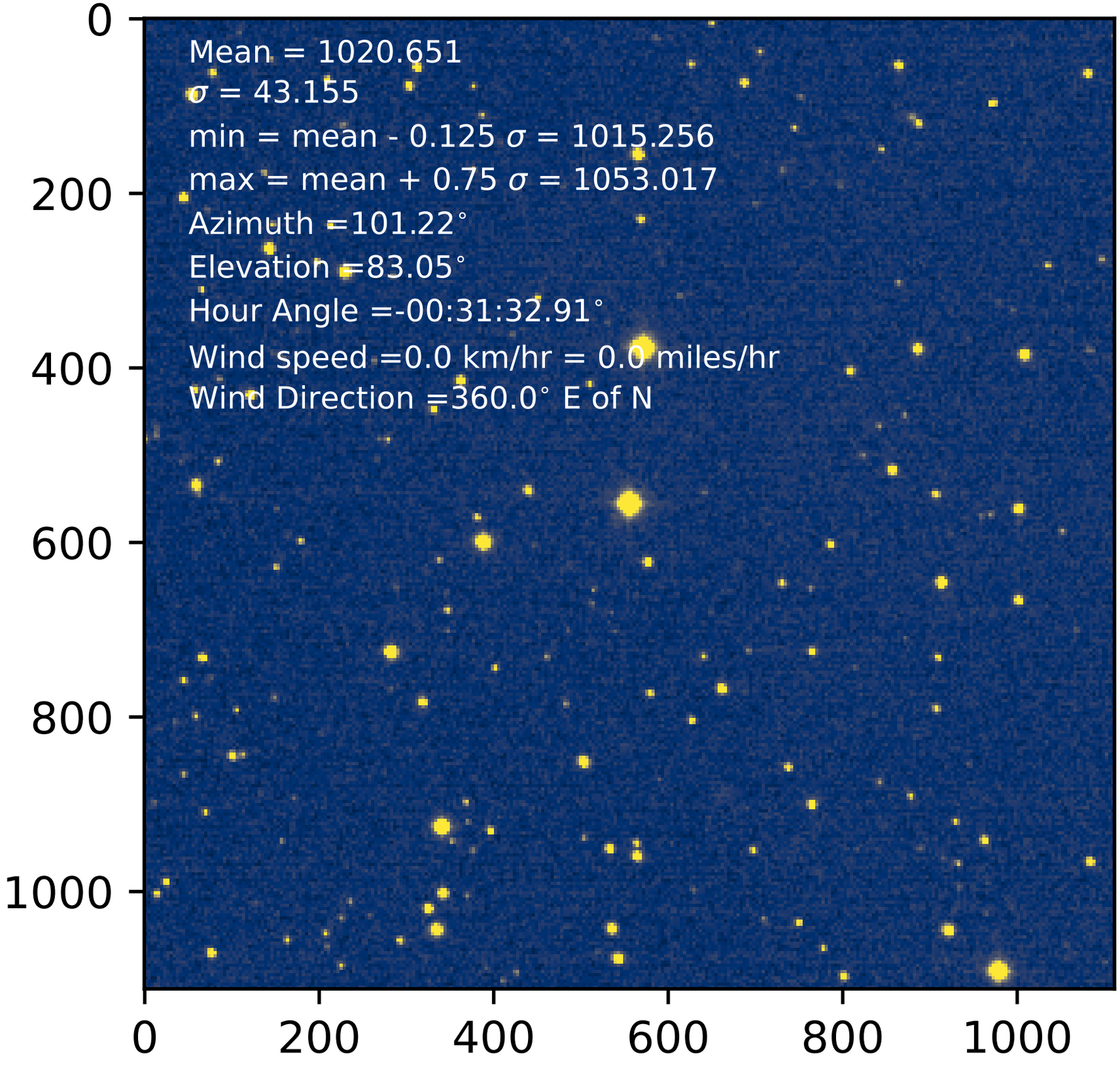
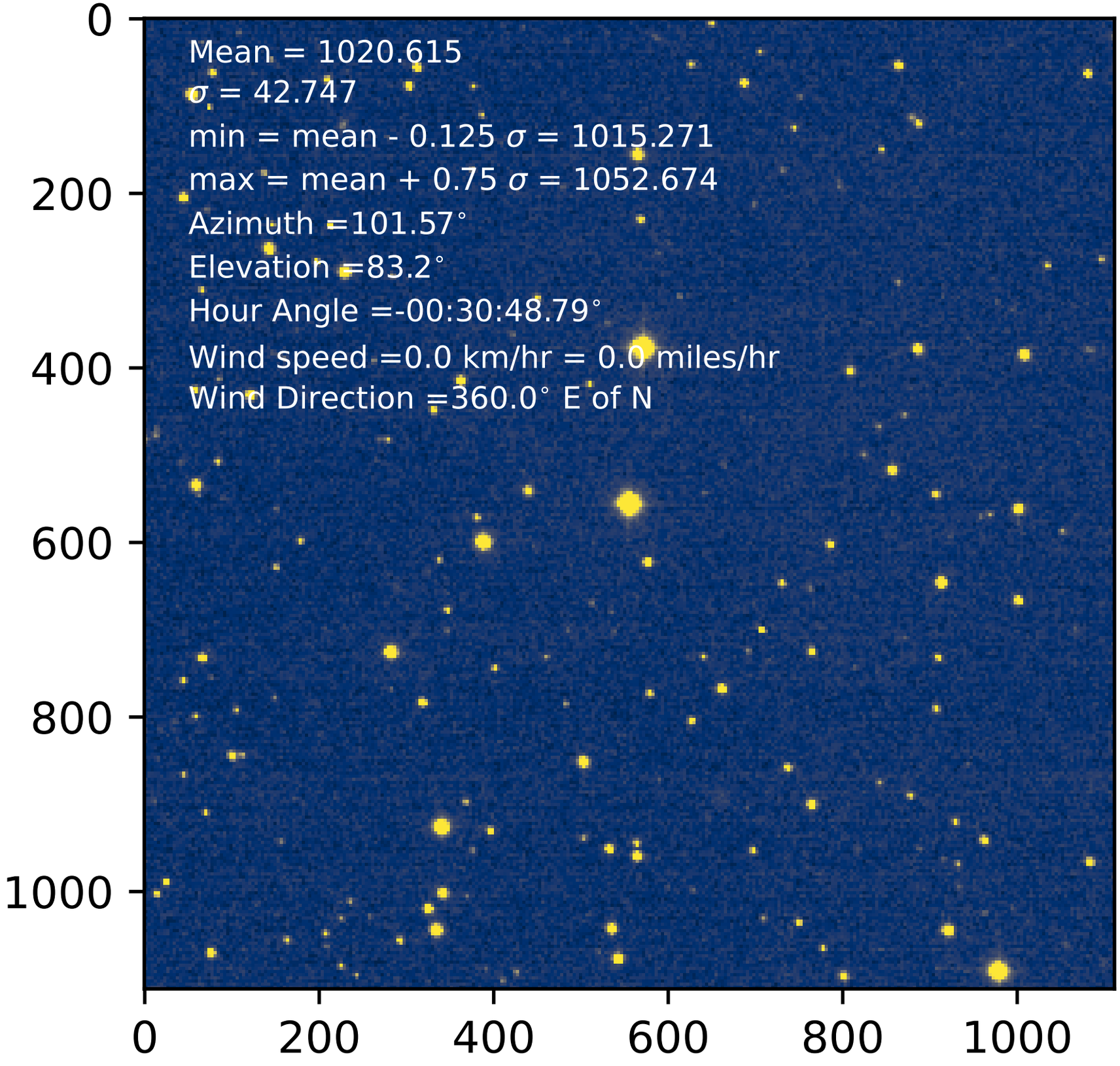

Mean = 1020.651
σ = 43.155
min = mean - 0.125 σ = 1015.256
max = mean + 0.75 σ = 1053.017
Azimuth =101.22°
Elevation =83.05°
Hour Angle =-00:31:32.91°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1020.615
σ = 42.747
min = mean - 0.125 σ = 1015.271
max = mean + 0.75 σ = 1052.674
Azimuth =101.57°
Elevation =83.2°
Hour Angle =-00:30:48.79°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
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400
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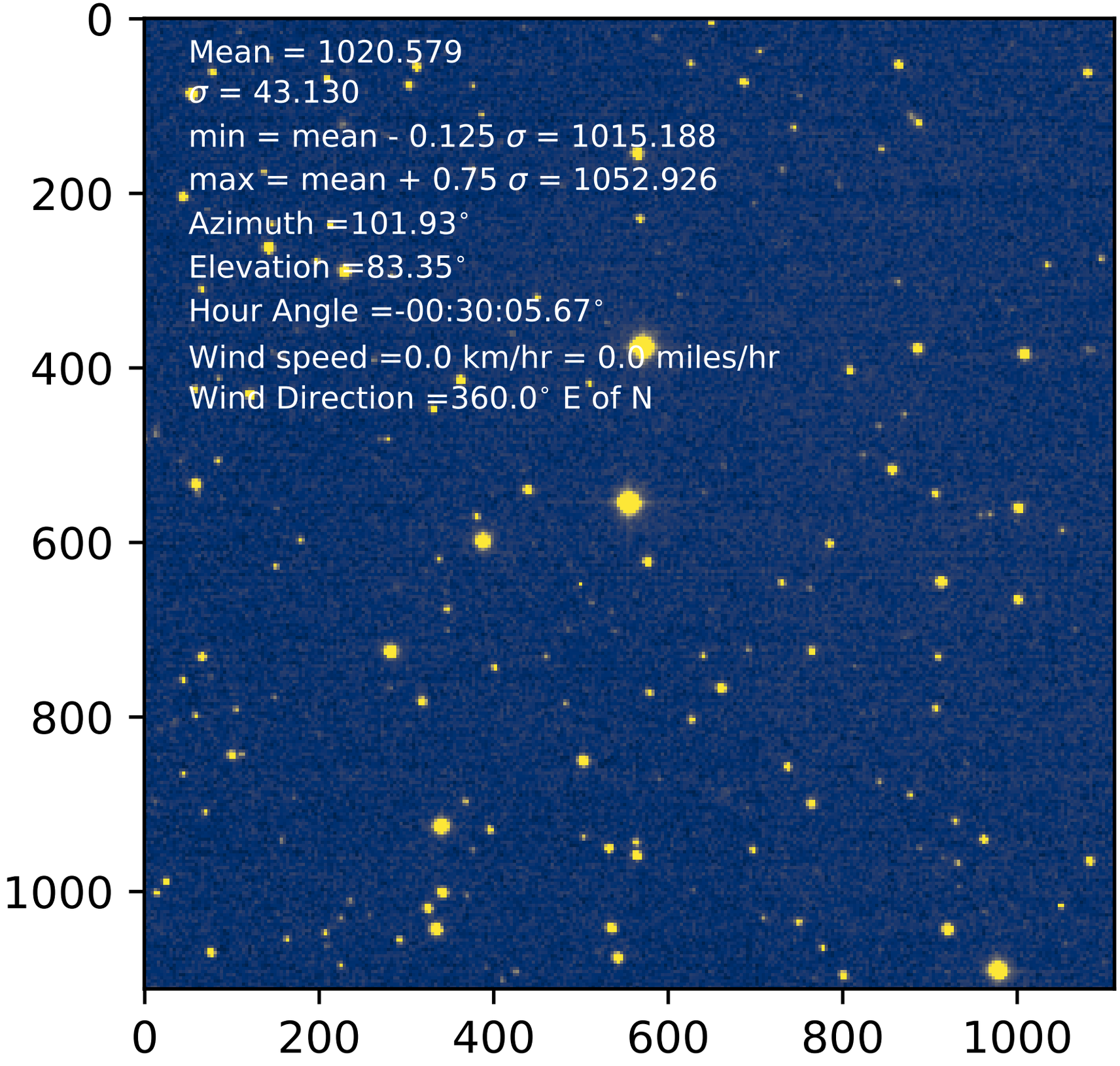
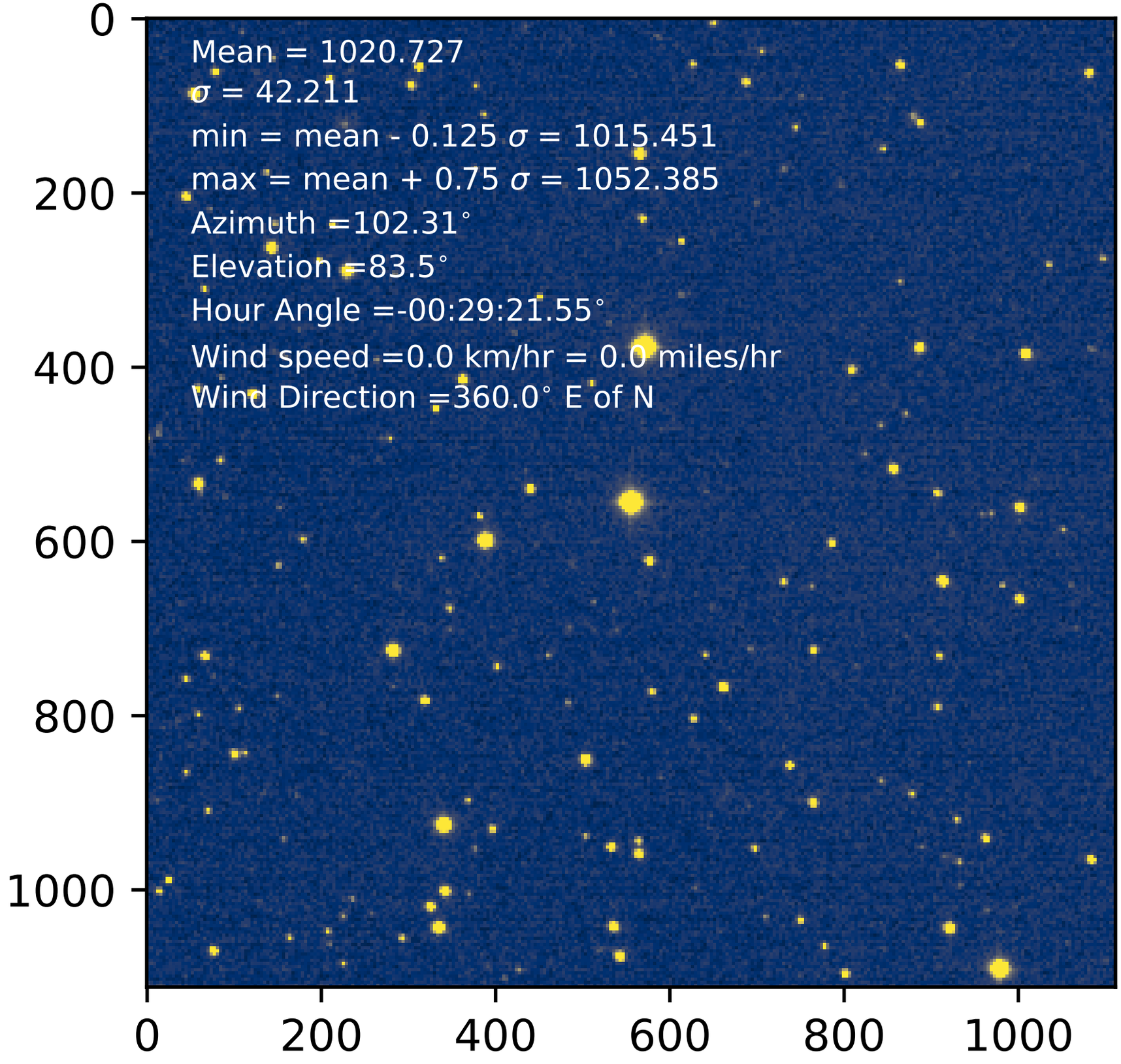
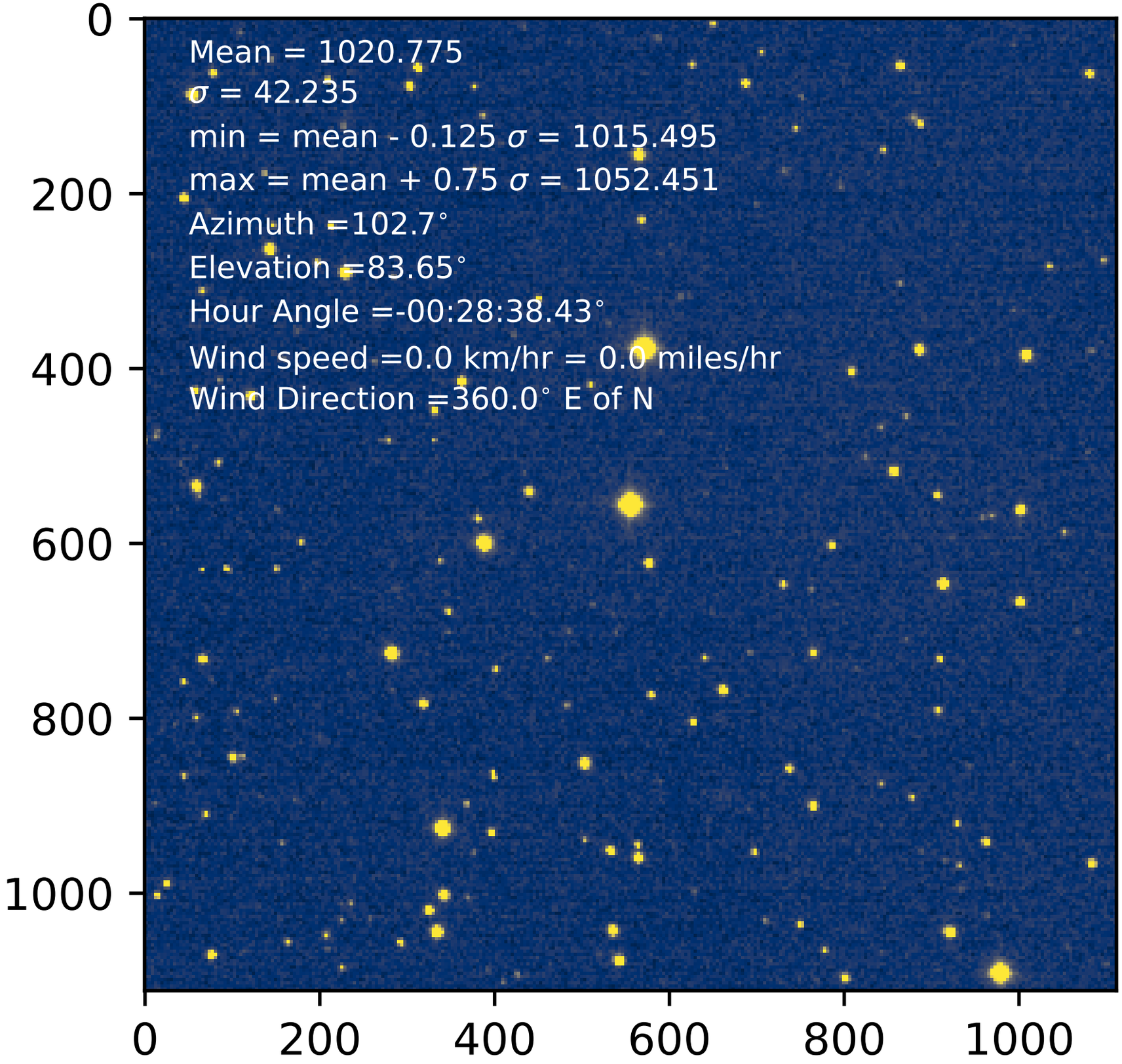
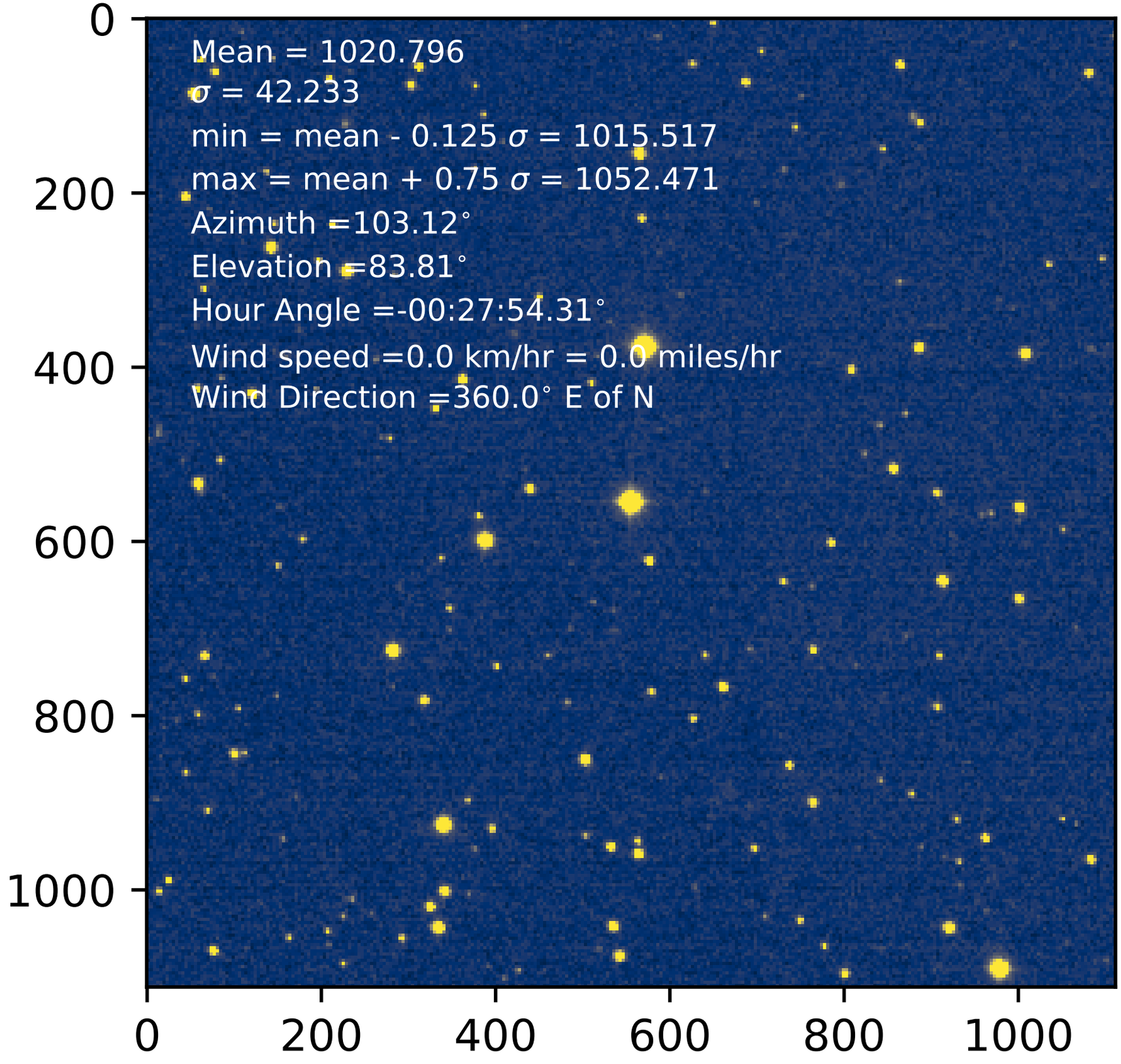
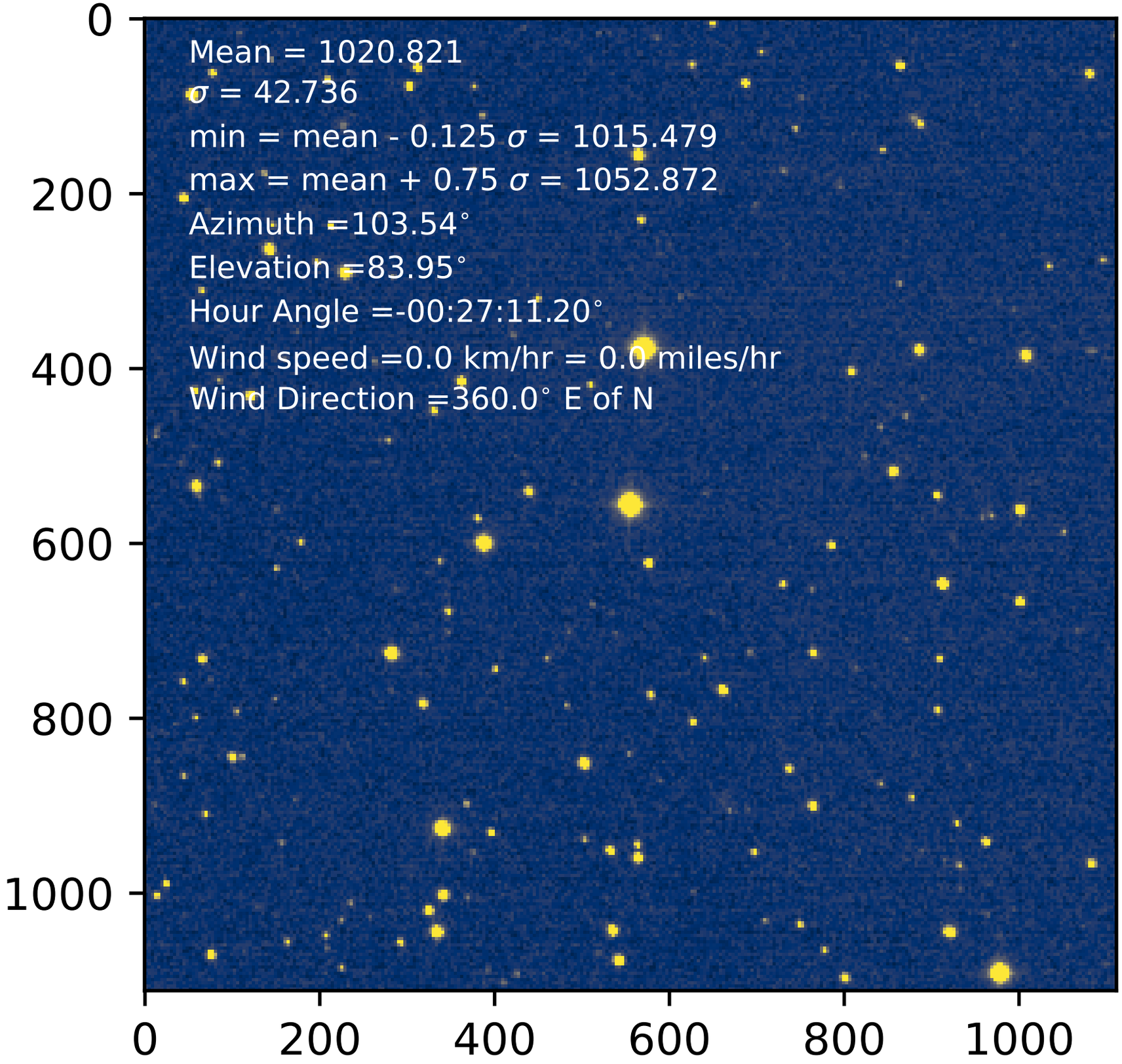
800
1000

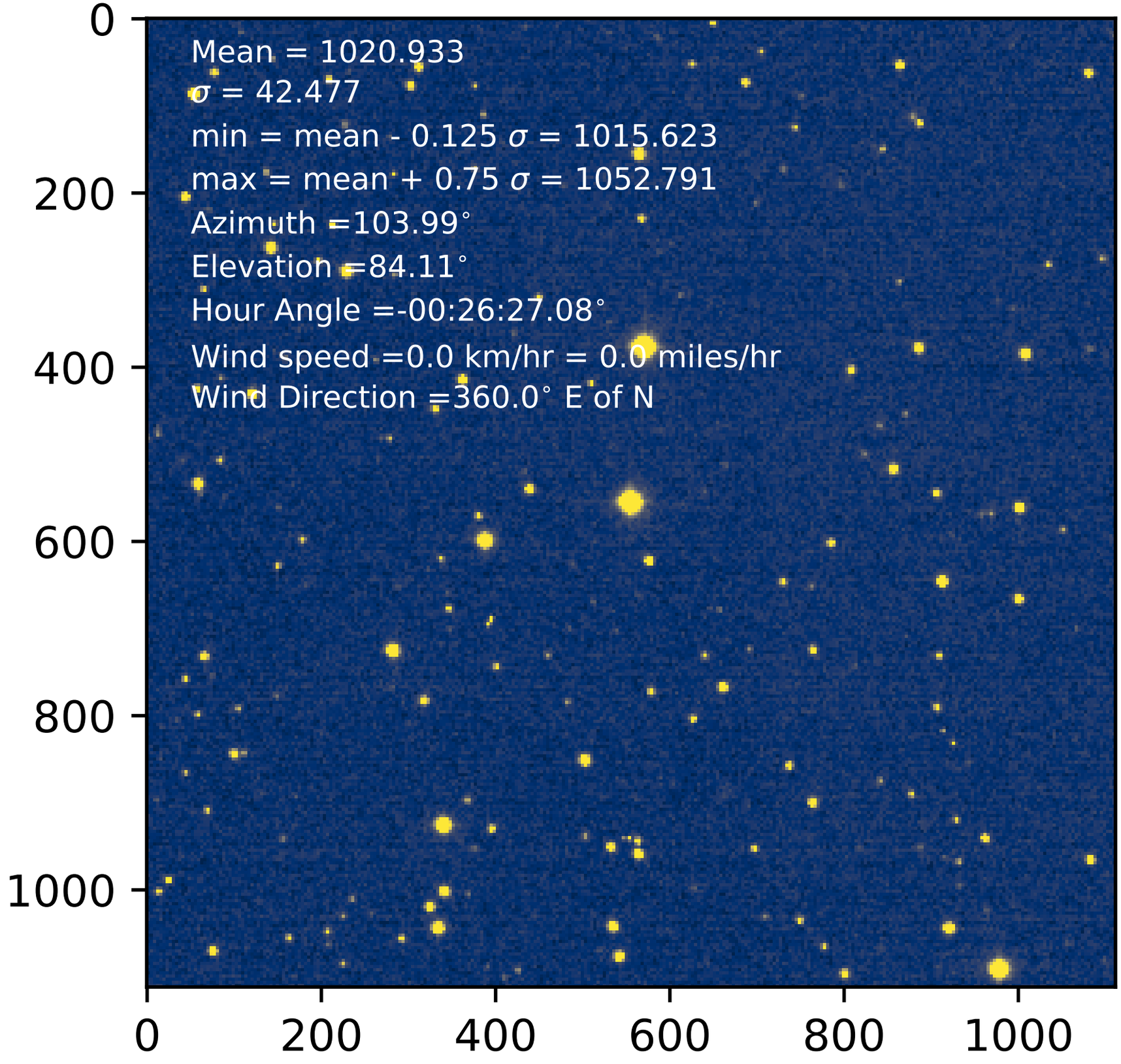

Mean = 1020.579
σ = 43.130
min = mean - 0.125 σ = 1015.188
max = mean + 0.75 σ = 1052.926
Azimuth =101.93°
Elevation =83.35°
Hour Angle =-00:30:05.67°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

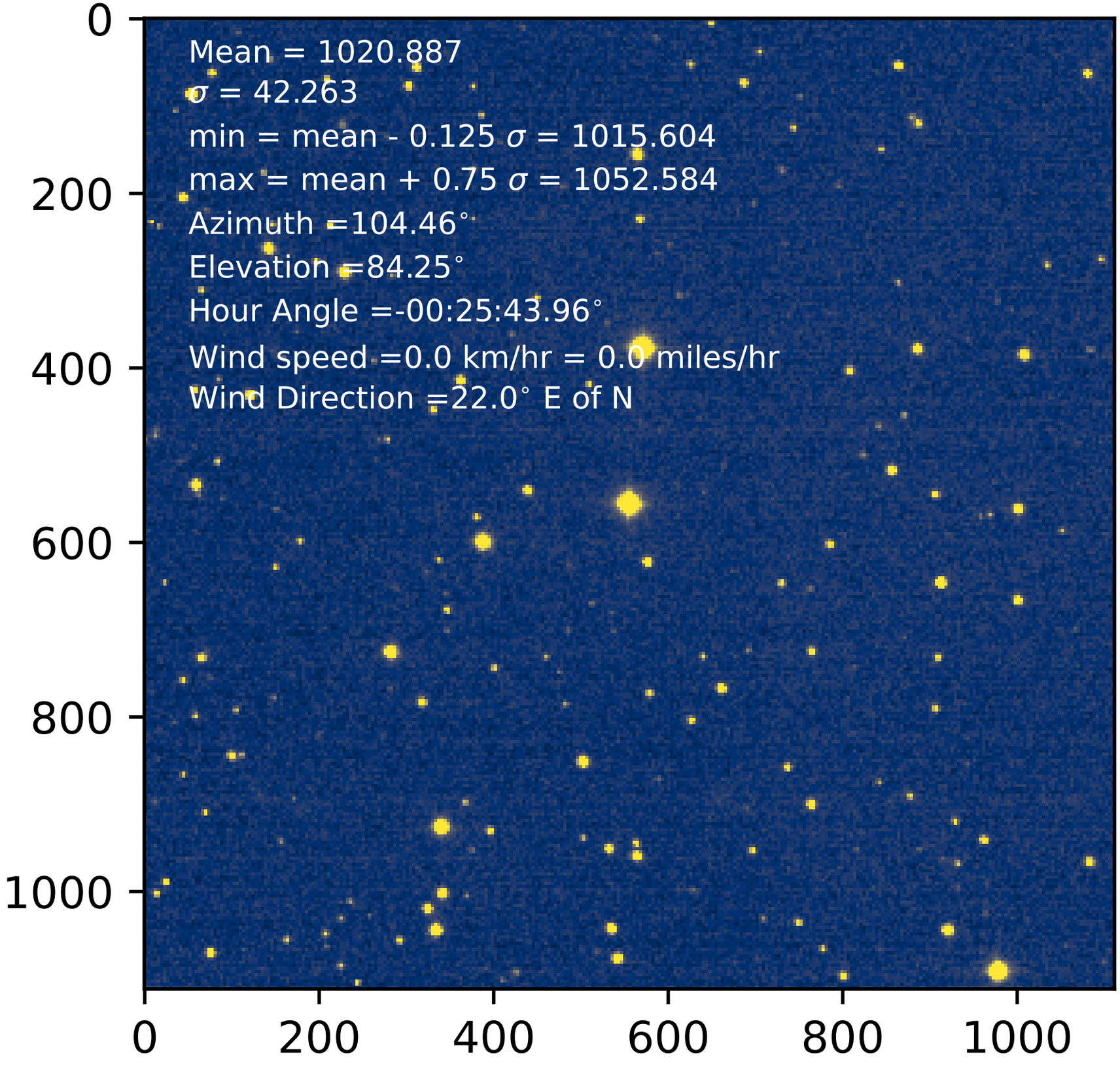

Mean = 1020.727
σ = 42.211
min = mean - 0.125 σ = 1015.451
max = mean + 0.75 σ = 1052.385
Azimuth =102.31°
Elevation =83.5°
Hour Angle =-00:29:21.55°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

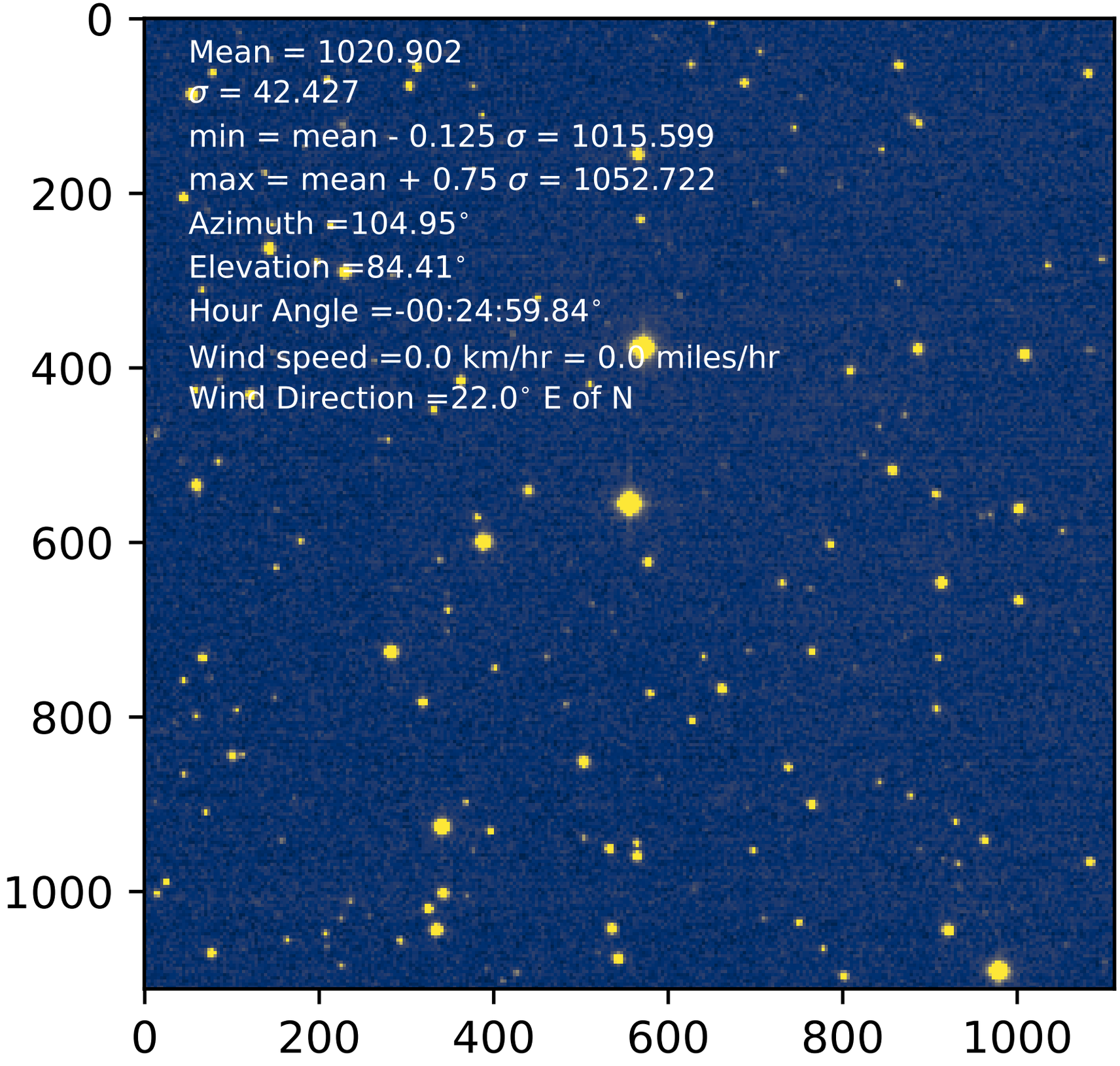

Mean = 1020.775
σ = 42.235
min = mean - 0.125 σ = 1015.495
max = mean + 0.75 σ = 1052.451
Azimuth =102.7°
Elevation =83.65°
Hour Angle =-00:28:38.43°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

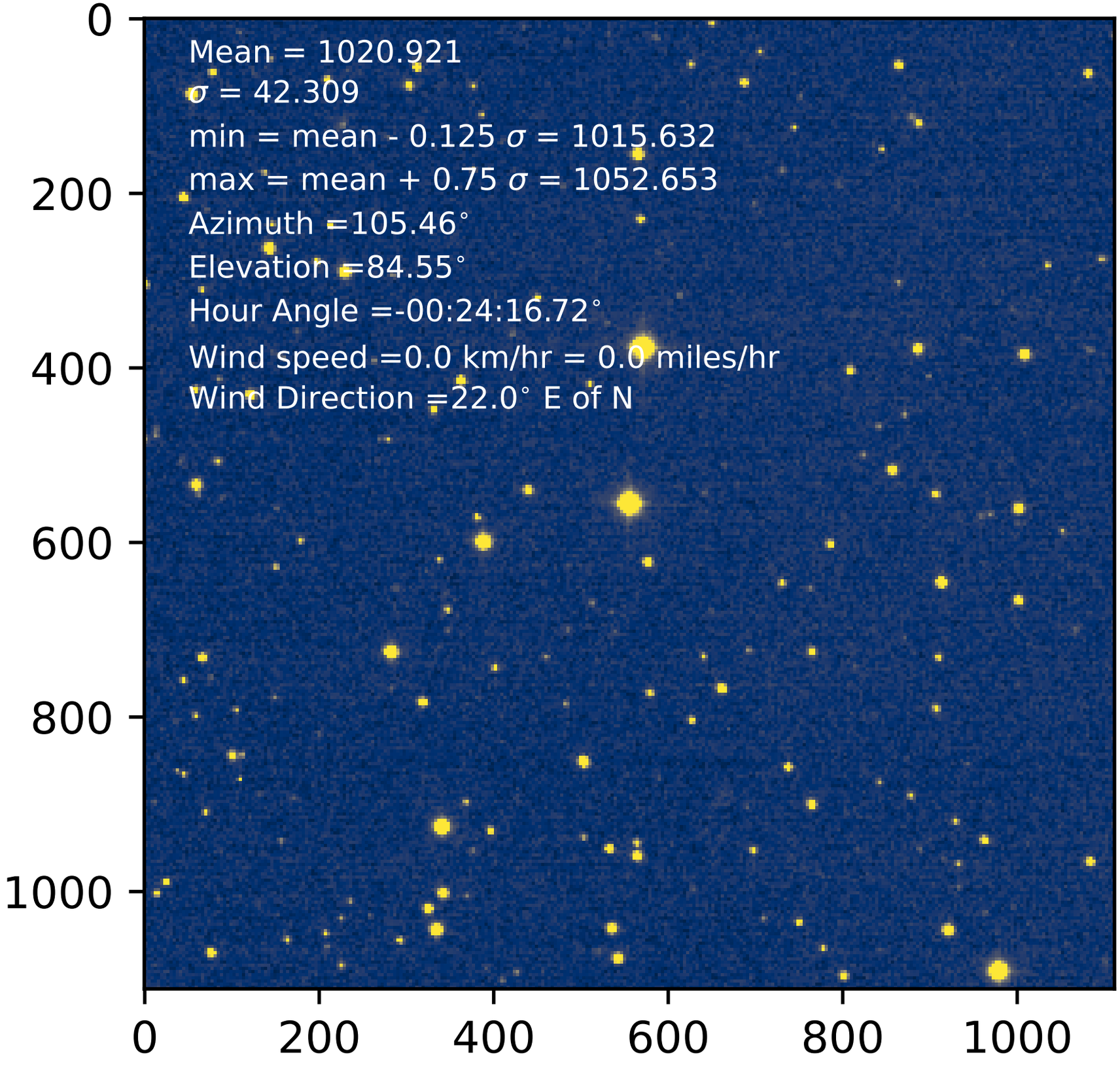

Mean = 1020.796
σ = 42.233
min = mean - 0.125 σ = 1015.517
max = mean + 0.75 σ = 1052.471
Azimuth =103.12°
Elevation =83.81°
Hour Angle =-00:27:54.31°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

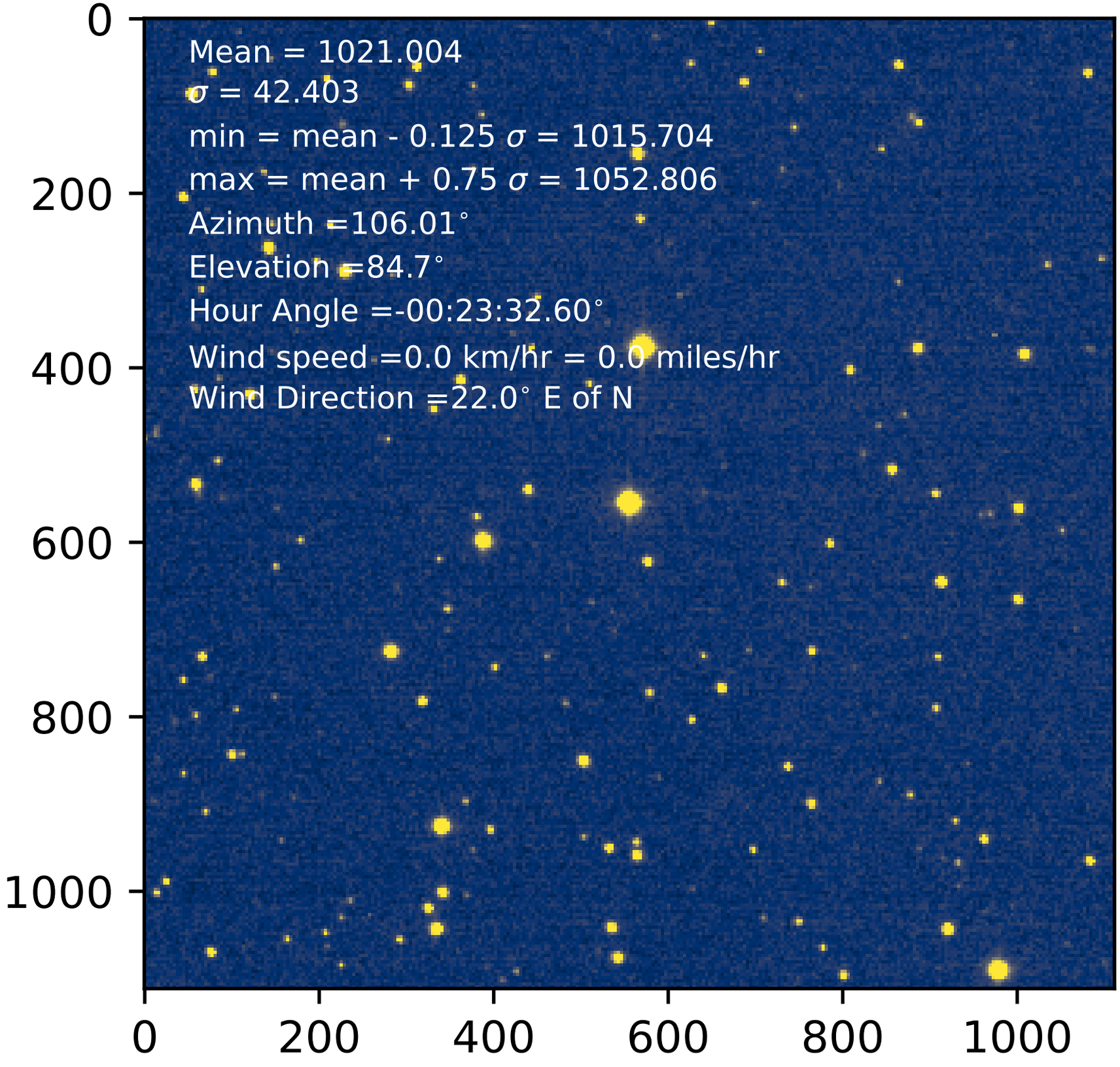

Mean = 1020.821
σ = 42.736
min = mean - 0.125 σ = 1015.479
max = mean + 0.75 σ = 1052.872
Azimuth =103.54°
Elevation =83.95°
Hour Angle =-00:27:11.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

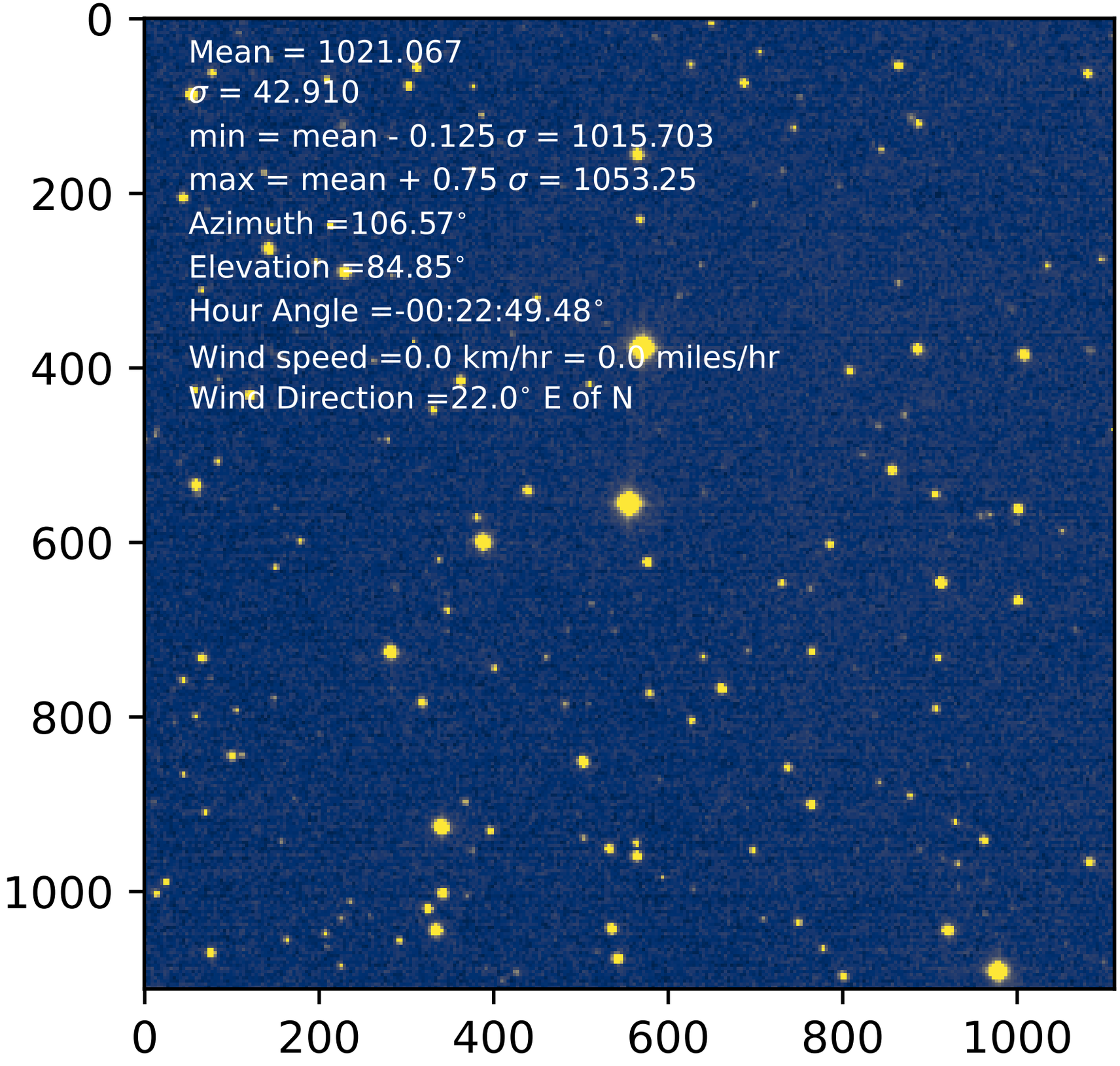

Mean = 1020.933
σ = 42.477
min = mean - 0.125 σ = 1015.623
max = mean + 0.75 σ = 1052.791
Azimuth =103.99°
Elevation =84.11°
Hour Angle =-00:26:27.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =360.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

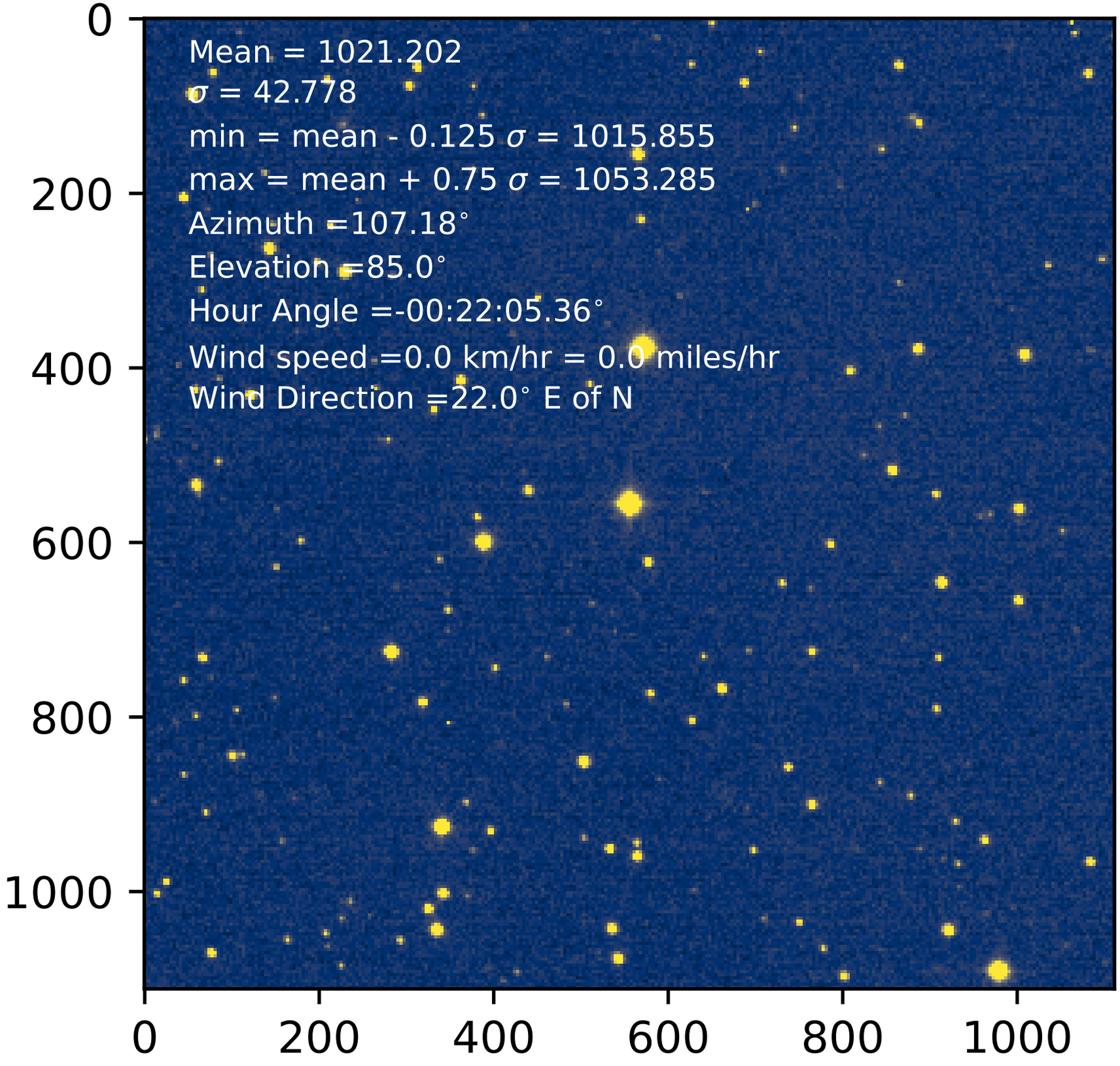

Mean = 1020.887
σ = 42.263
min = mean - 0.125 σ = 1015.604
max = mean + 0.75 σ = 1052.584
Azimuth =104.46°
Elevation =84.25°
Hour Angle =-00:25:43.96°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

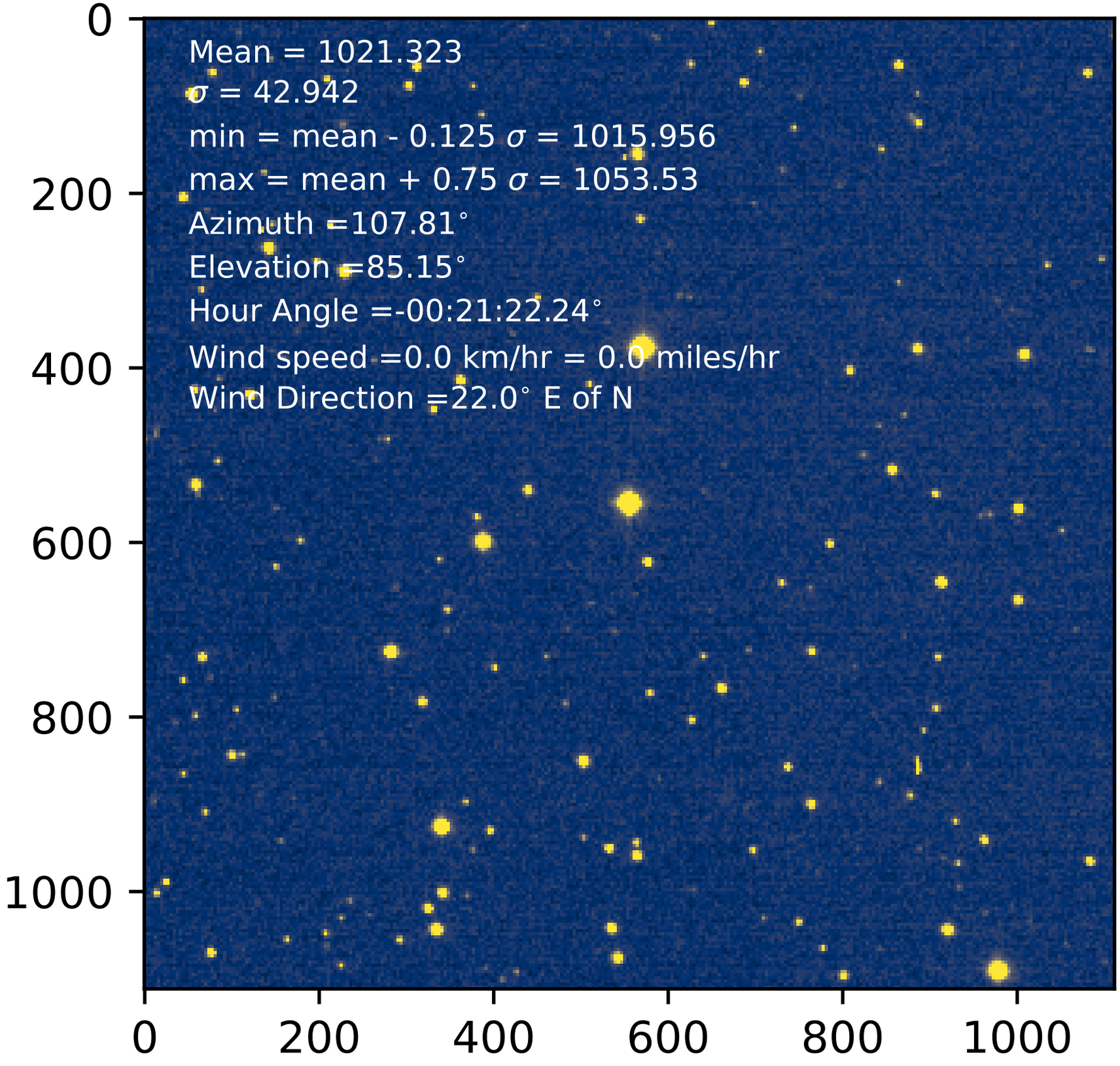

Mean = 1020.902
σ = 42.427
min = mean - 0.125 σ = 1015.599
max = mean + 0.75 σ = 1052.722
Azimuth =104.95°
Elevation =84.41°
Hour Angle =-00:24:59.84°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

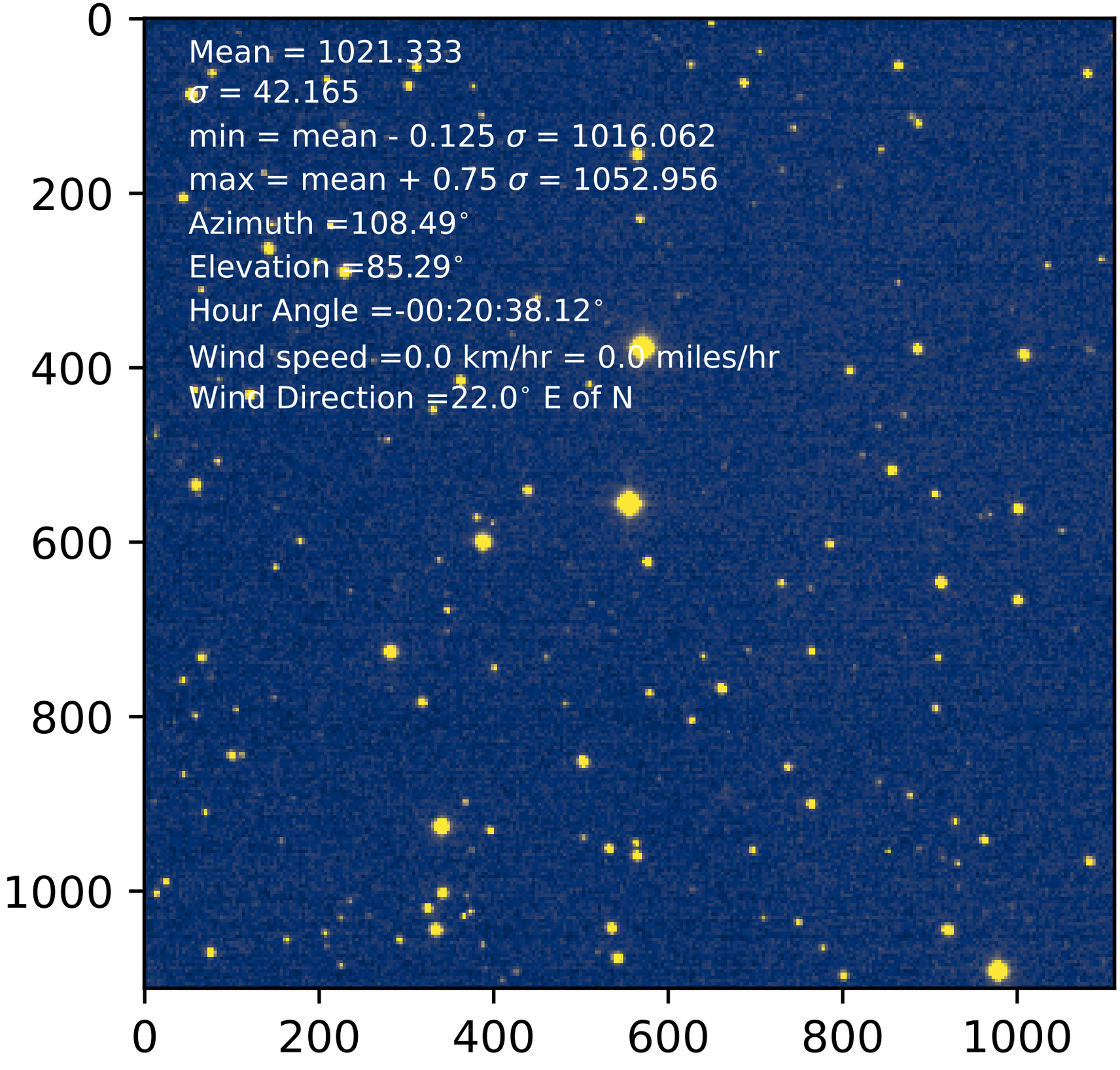

Mean = 1020.921
σ = 42.309
min = mean - 0.125 σ = 1015.632
max = mean + 0.75 σ = 1052.653
Azimuth =105.46°
Elevation =84.55°
Hour Angle =-00:24:16.72°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

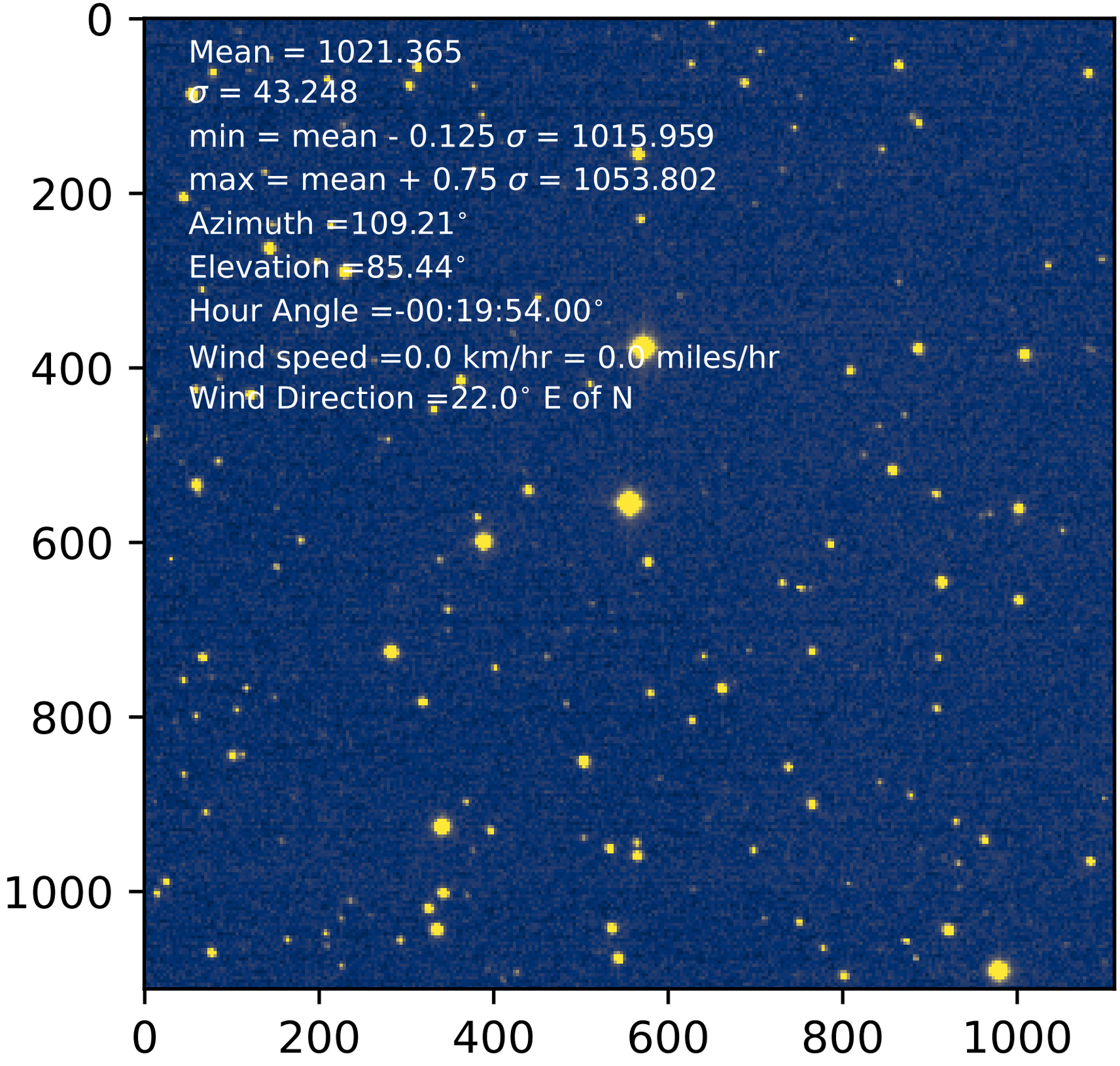

Mean = 1021.004
σ = 42.403
min = mean - 0.125 σ = 1015.704
max = mean + 0.75 σ = 1052.806
Azimuth =106.01°
Elevation =84.7°
Hour Angle =-00:23:32.60°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

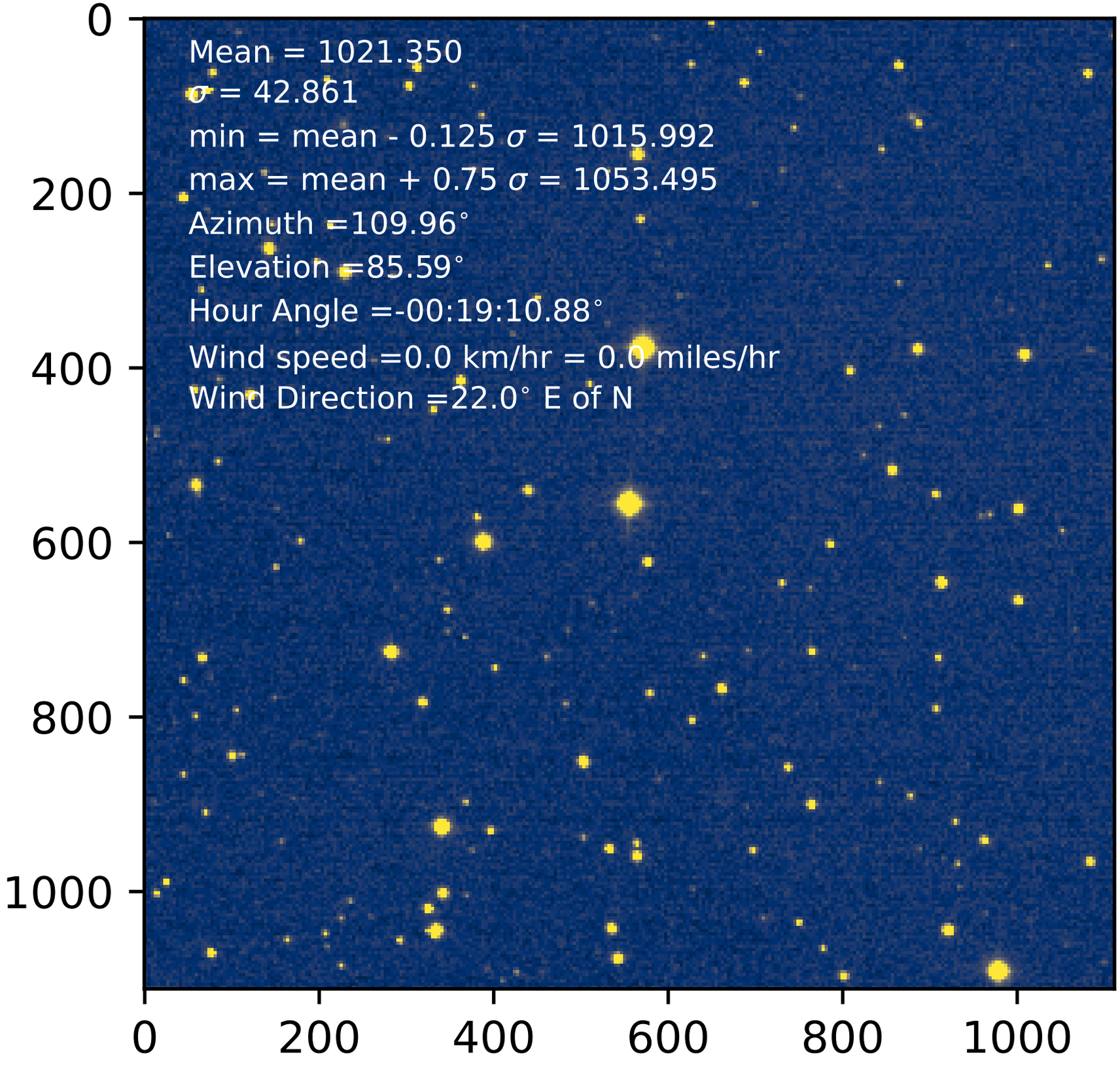

Mean = 1021.067
σ = 42.910
min = mean - 0.125 σ = 1015.703
max = mean + 0.75 σ = 1053.25
Azimuth =106.57°
Elevation =84.85°
Hour Angle =-00:22:49.48°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

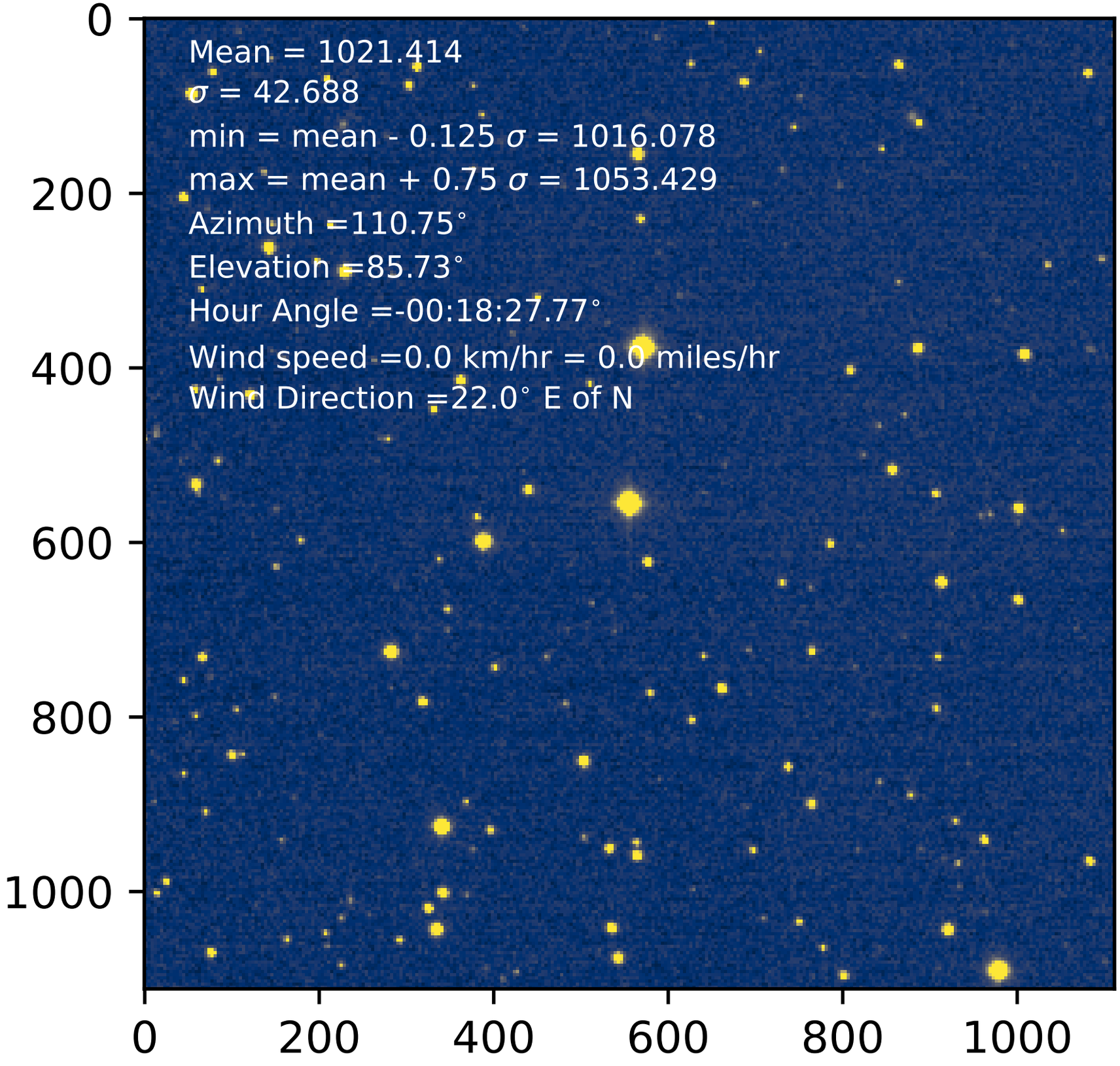

Mean = 1021.202
σ = 42.778
min = mean - 0.125 σ = 1015.855
max = mean + 0.75 σ = 1053.285
Azimuth =107.18°
Elevation =85.0°
Hour Angle =-00:22:05.36°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

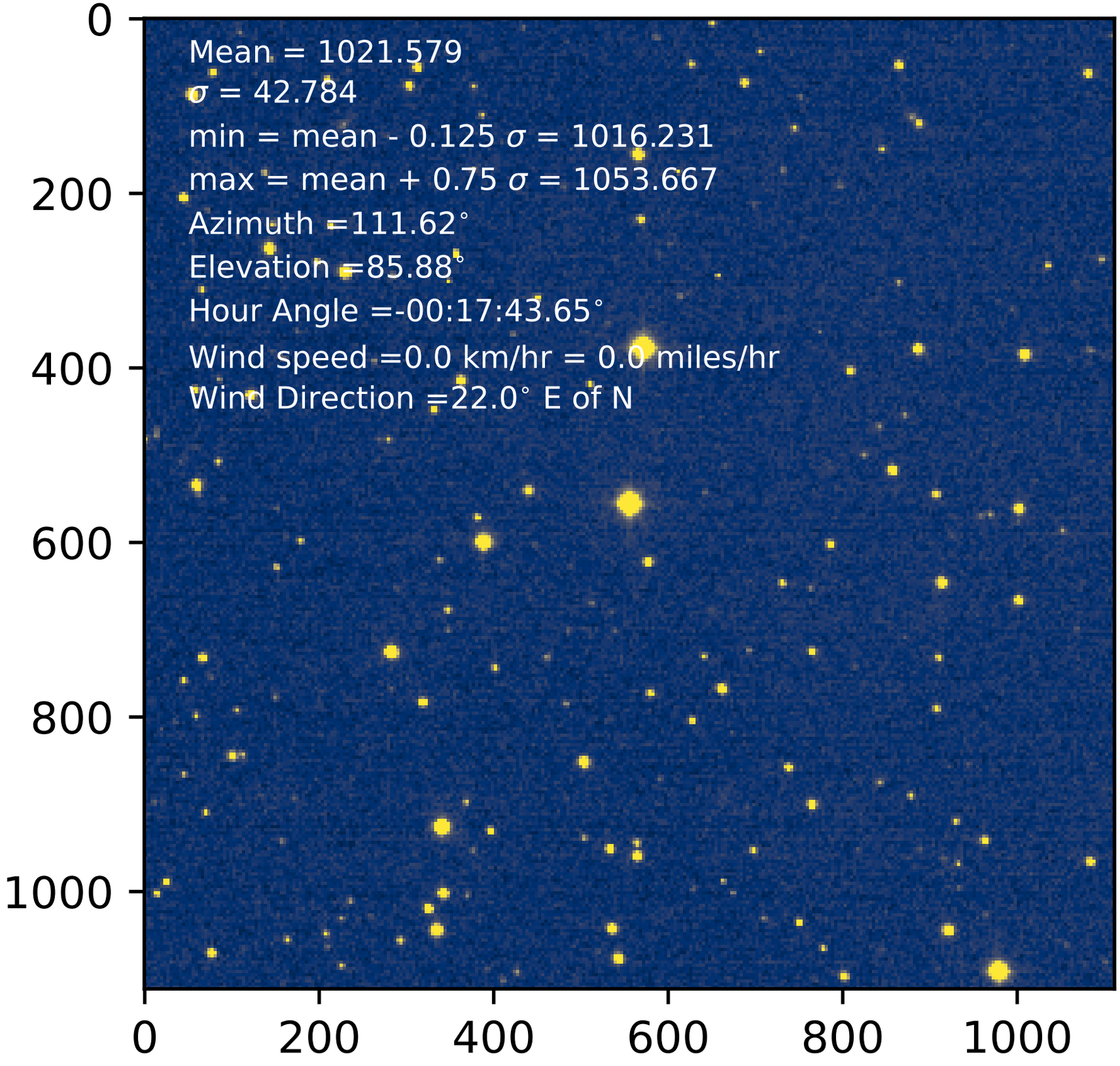

Mean = 1021.323
σ = 42.942
min = mean - 0.125 σ = 1015.956
max = mean + 0.75 σ = 1053.53
Azimuth =107.81°
Elevation =85.15°
Hour Angle =-00:21:22.24°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

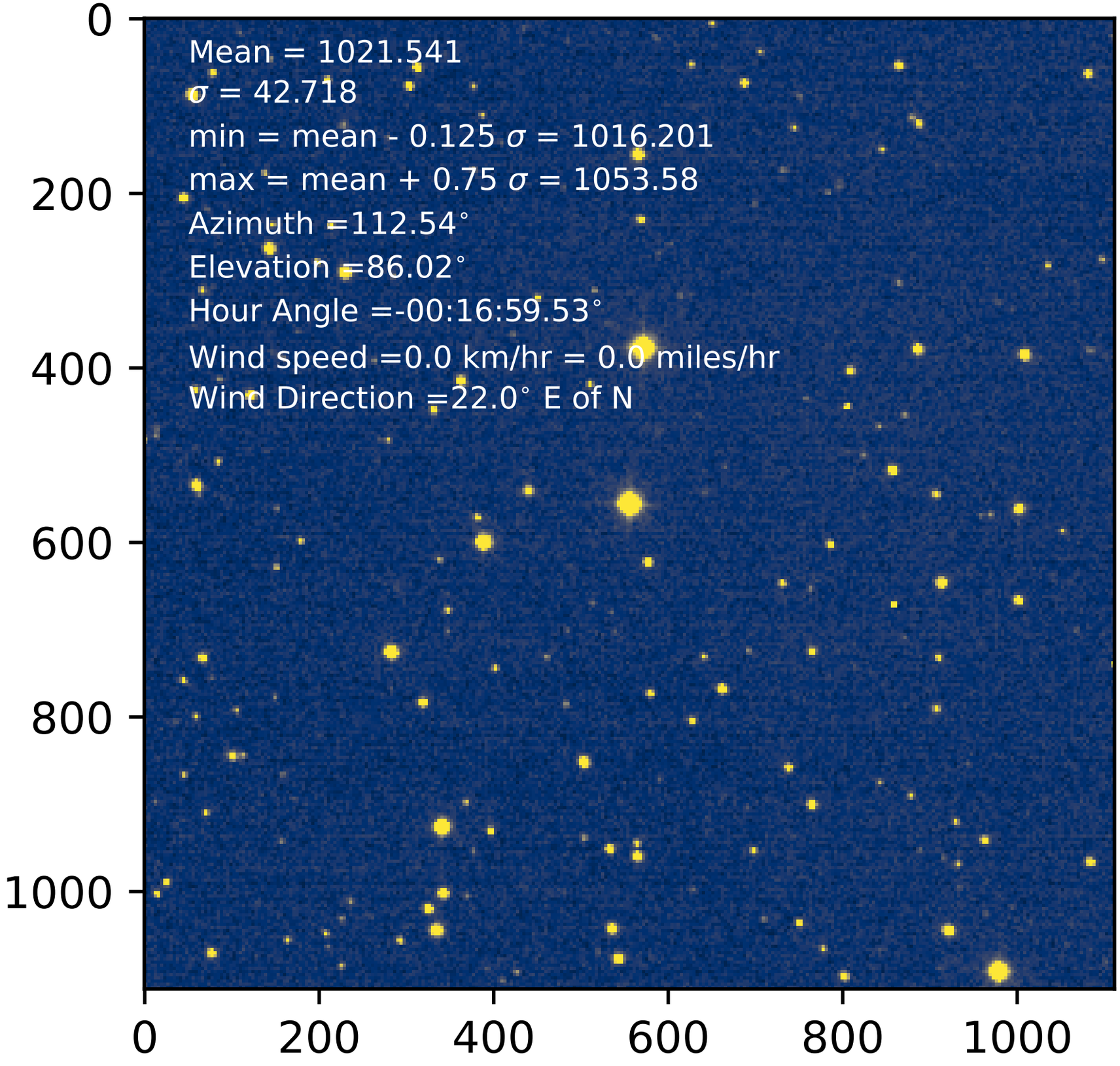

Mean = 1021.333
σ = 42.165
min = mean - 0.125 σ = 1016.062
max = mean + 0.75 σ = 1052.956
Azimuth =108.49°
Elevation =85.29°
Hour Angle =-00:20:38.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

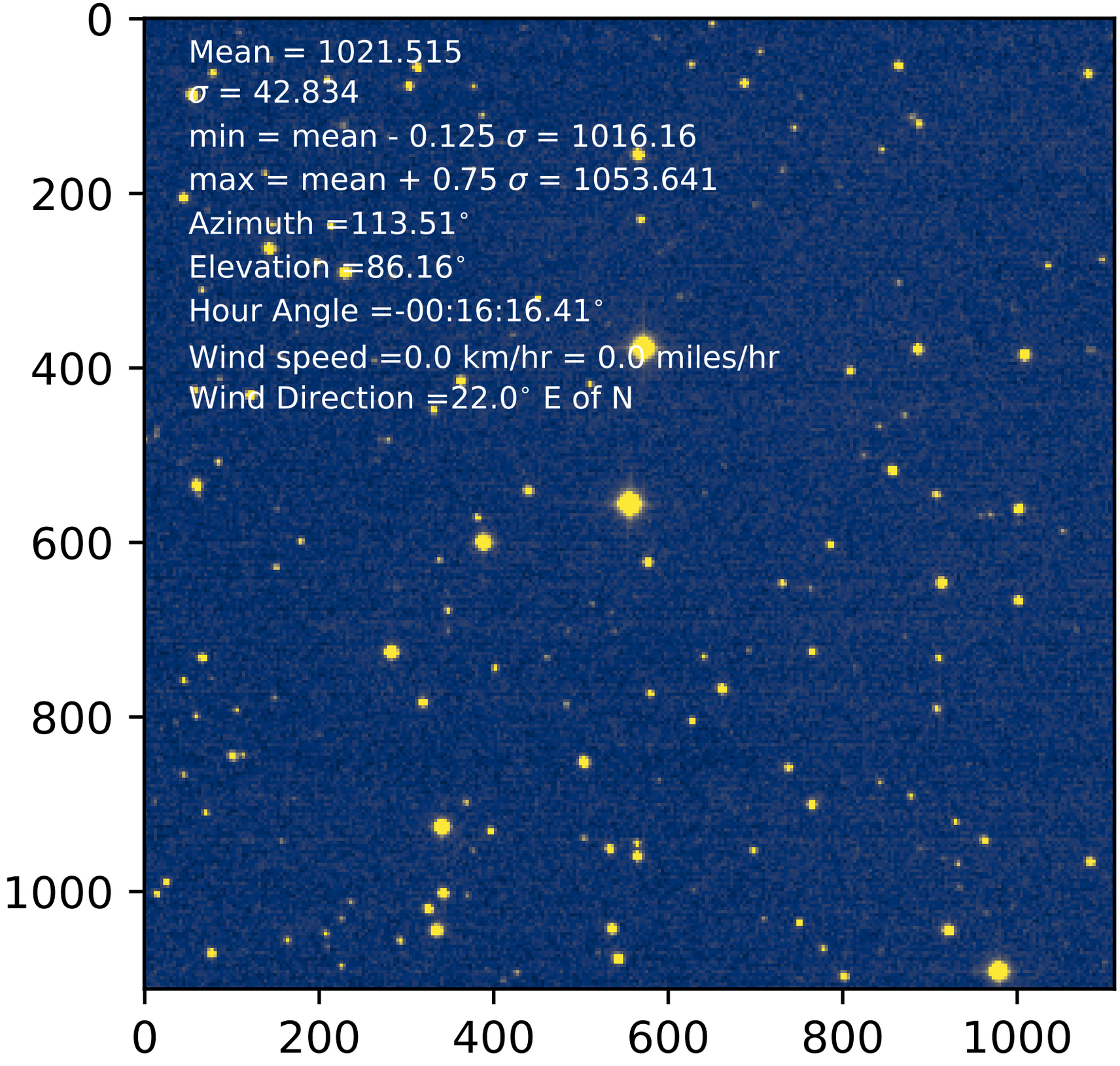

Mean = 1021.365
σ = 43.248
min = mean - 0.125 σ = 1015.959
max = mean + 0.75 σ = 1053.802
Azimuth =109.21°
Elevation =85.44°
Hour Angle =-00:19:54.00°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

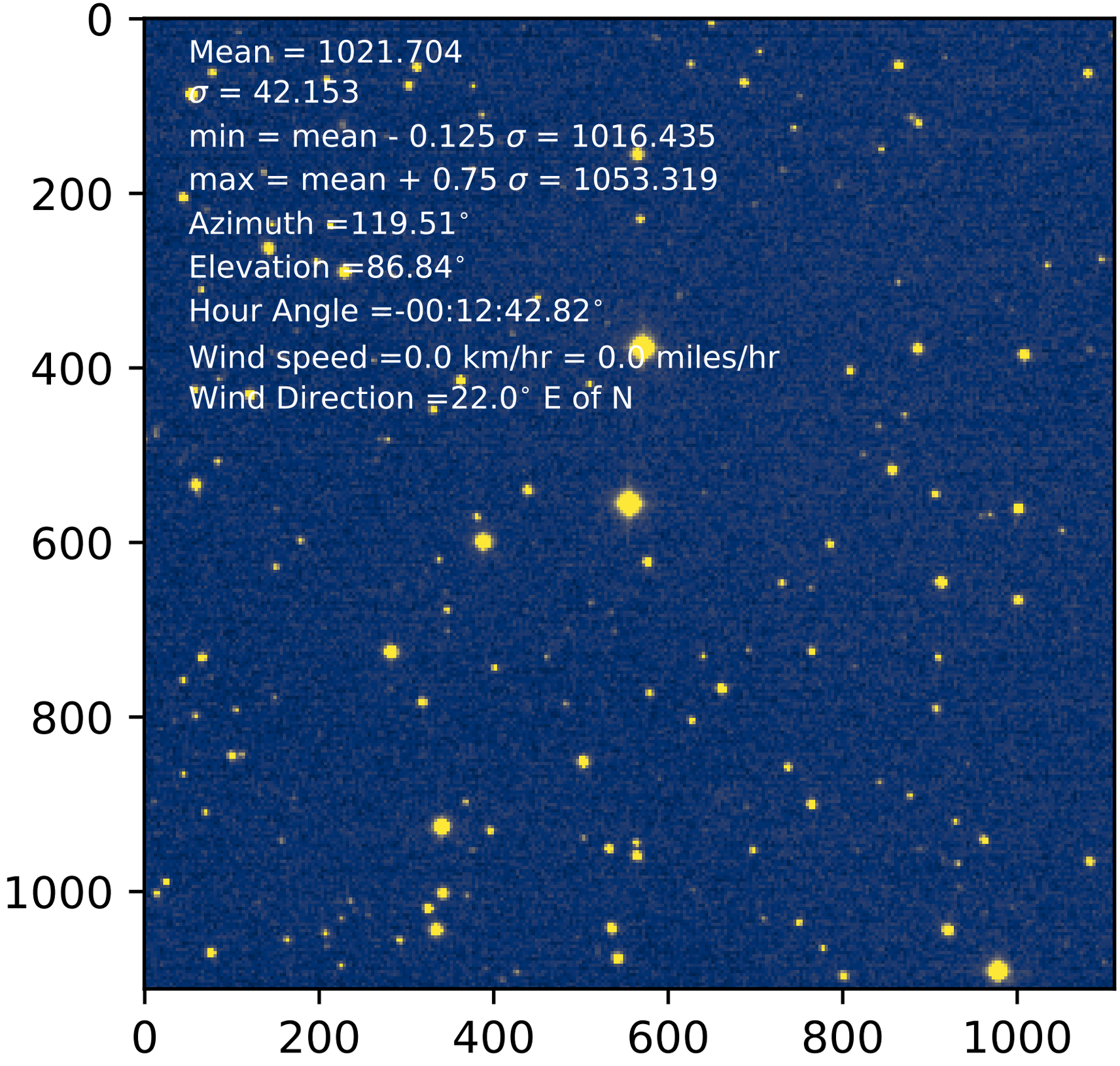

Mean = 1021.350
σ = 42.861
min = mean - 0.125 σ = 1015.992
max = mean + 0.75 σ = 1053.495
Azimuth =109.96°
Elevation =85.59°
Hour Angle =-00:19:10.88°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

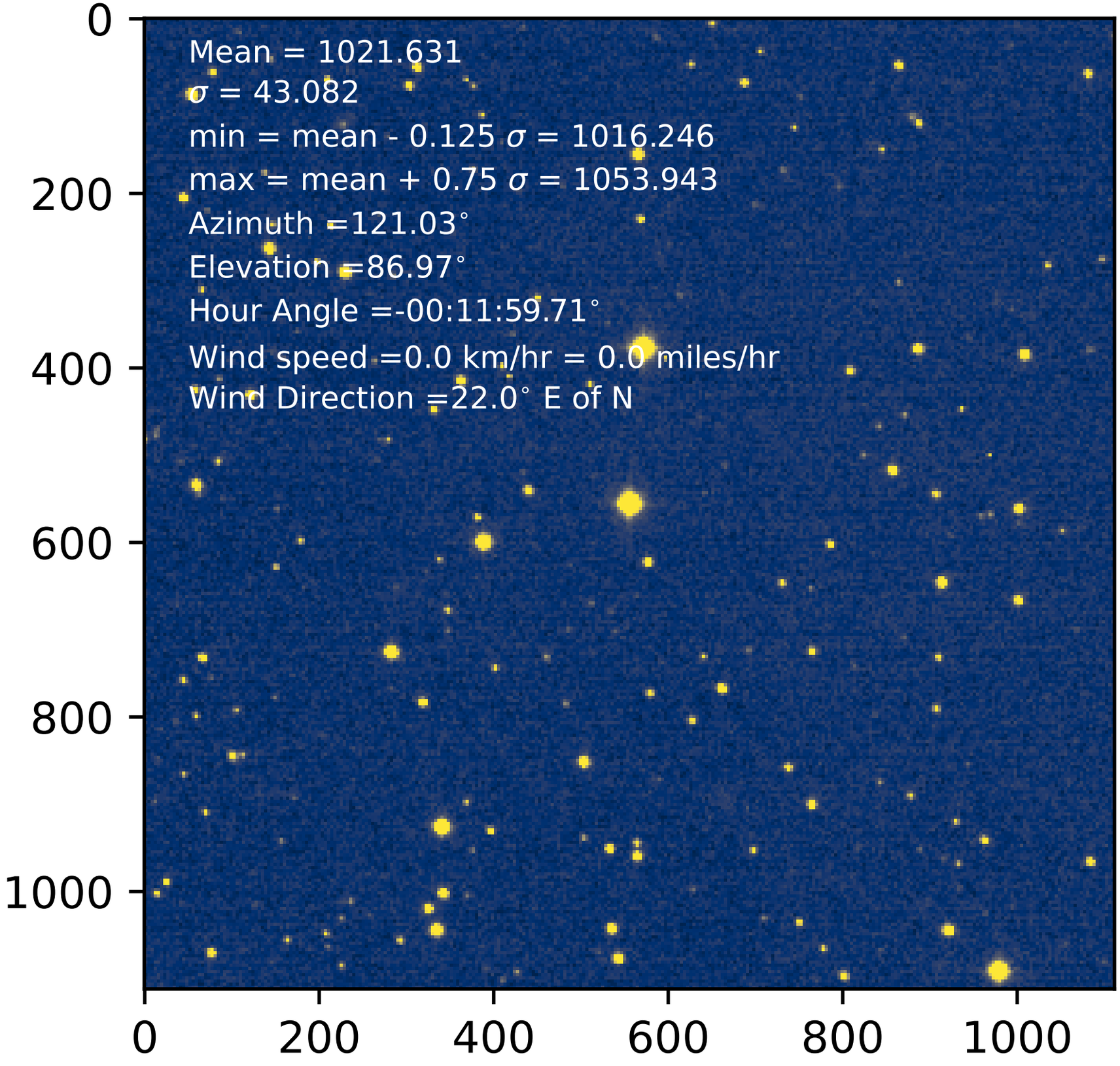

Mean = 1021.414
σ = 42.688
min = mean - 0.125 σ = 1016.078
max = mean + 0.75 σ = 1053.429
Azimuth =110.75°
Elevation =85.73°
Hour Angle =-00:18:27.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

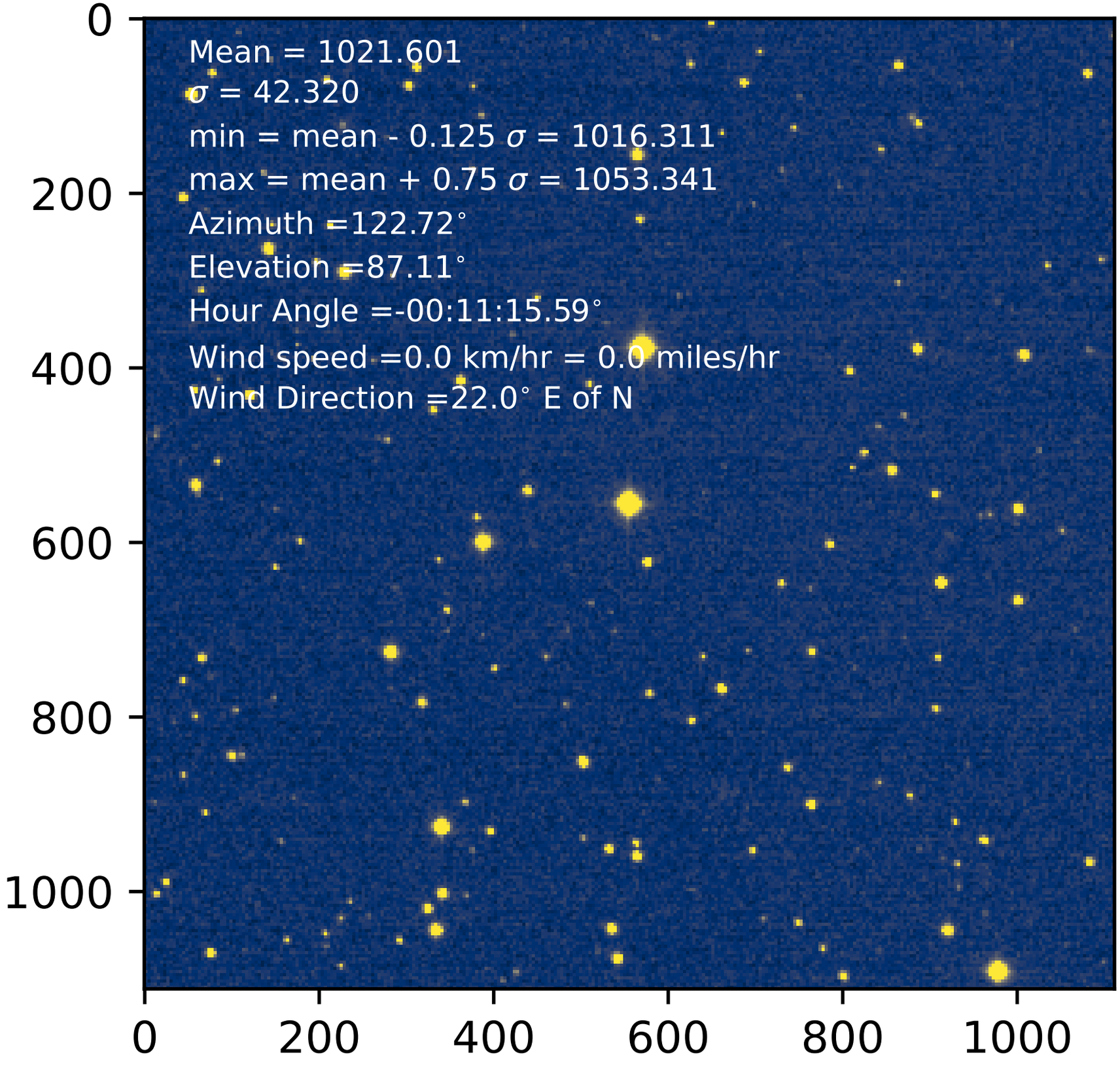

Mean = 1021.579
σ = 42.784
min = mean - 0.125 σ = 1016.231
max = mean + 0.75 σ = 1053.667
Azimuth =111.62°
Elevation =85.88°
Hour Angle =-00:17:43.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

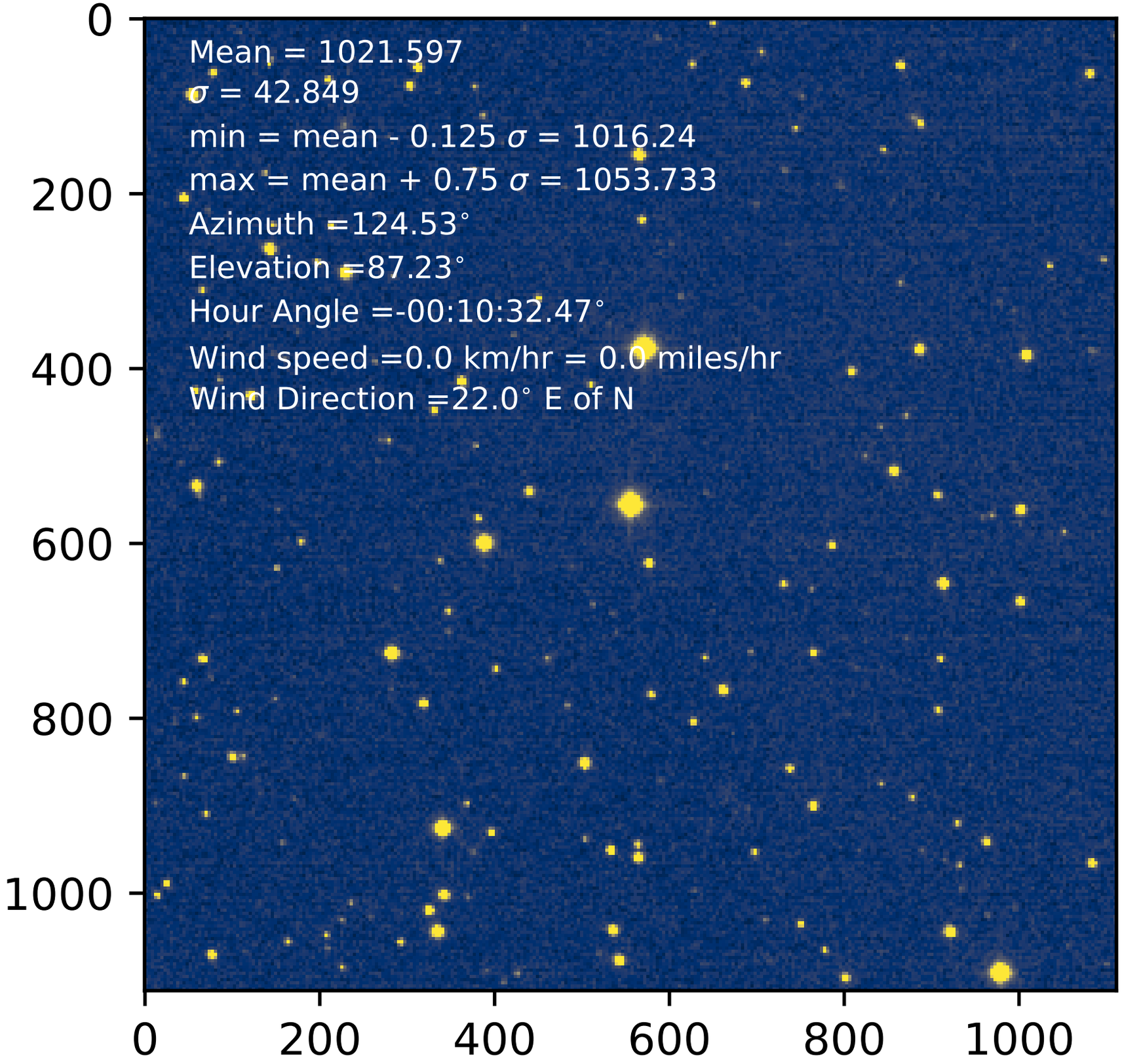

Mean = 1021.541
σ = 42.718
min = mean - 0.125 σ = 1016.201
max = mean + 0.75 σ = 1053.58
Azimuth =112.54°
Elevation =86.02°
Hour Angle =-00:16:59.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

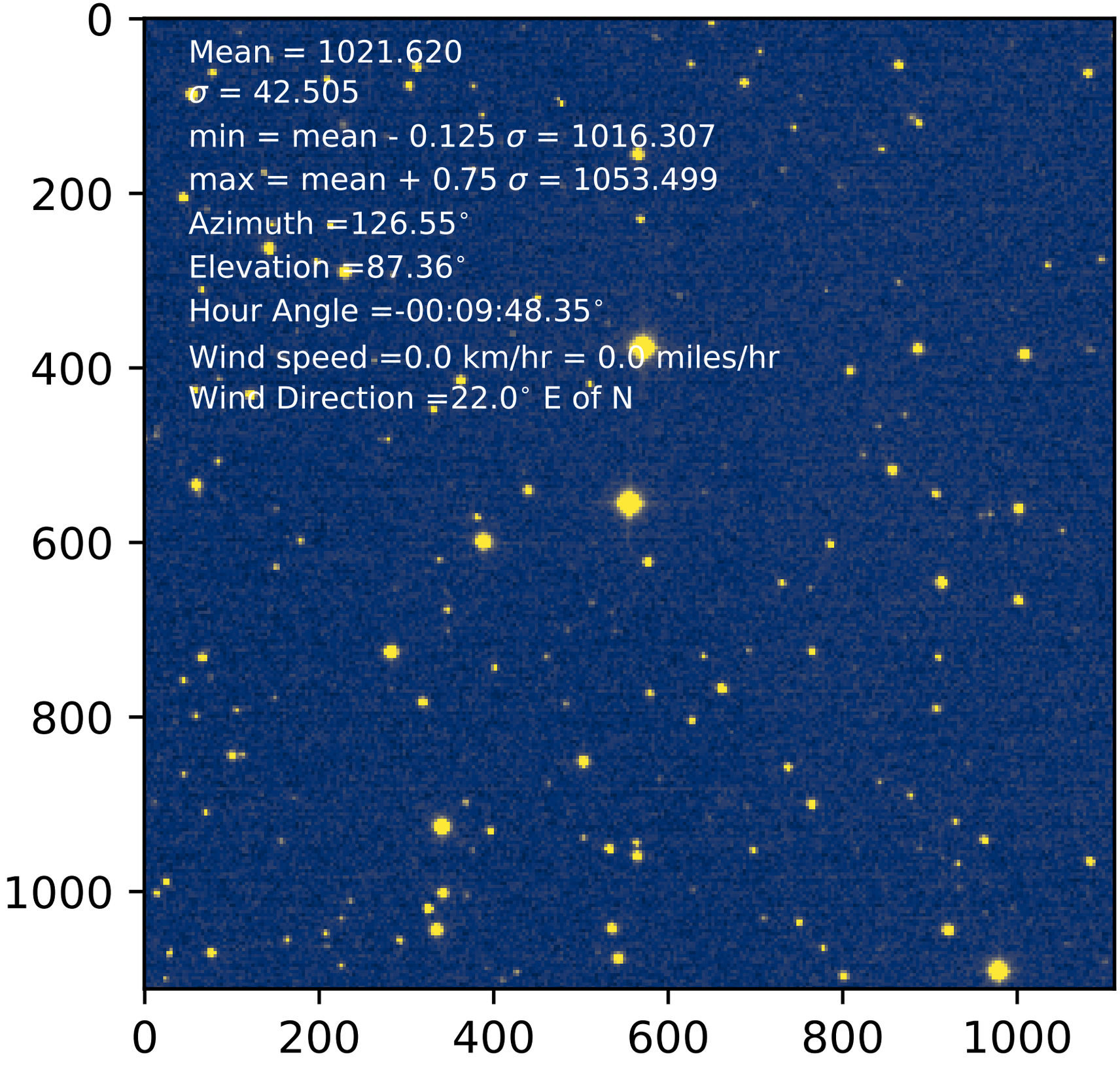

Mean = 1021.515
σ = 42.834
min = mean - 0.125 σ = 1016.16
max = mean + 0.75 σ = 1053.641
Azimuth =113.51°
Elevation =86.16°
Hour Angle =-00:16:16.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

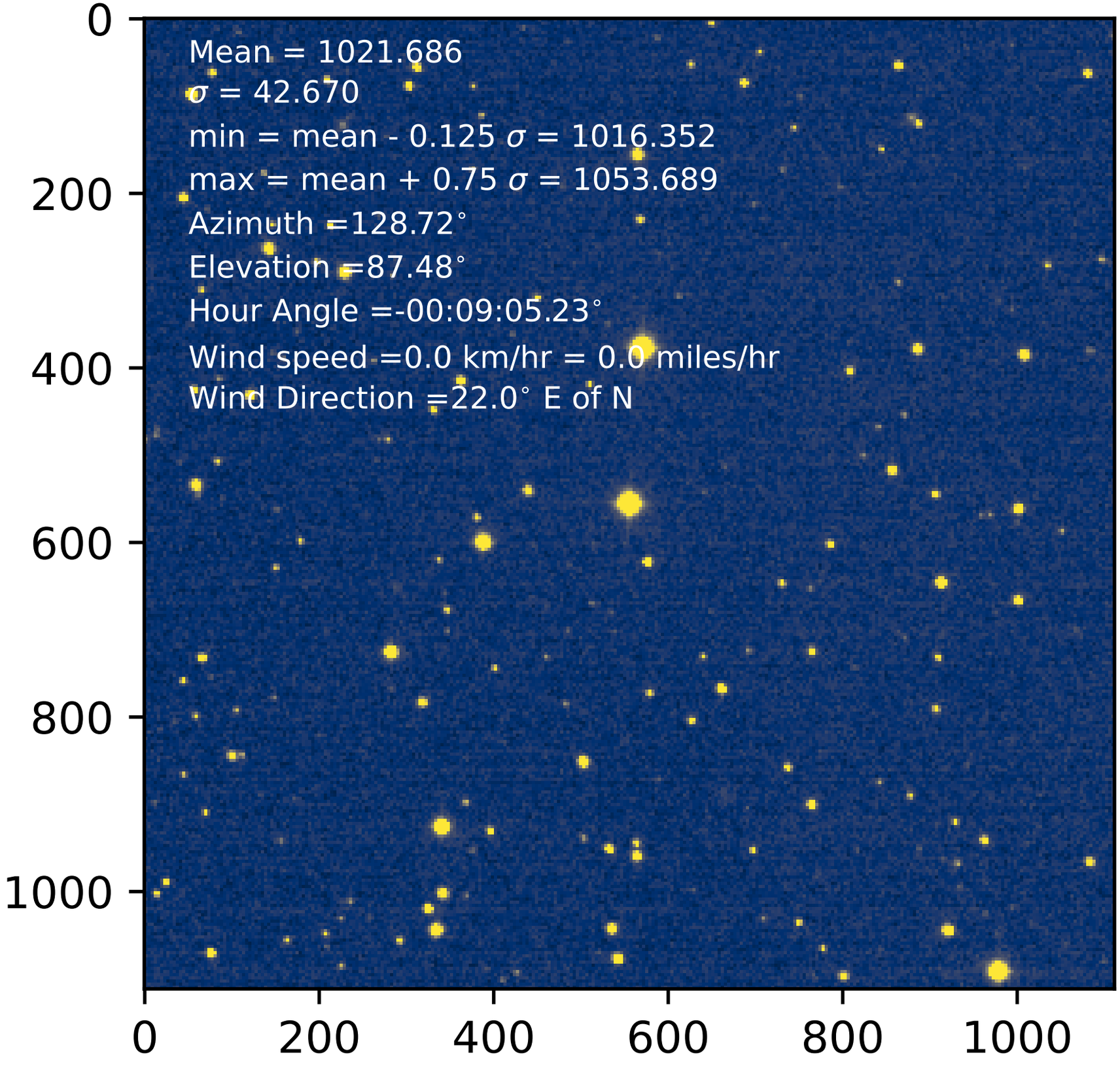

Mean = 1021.704
σ = 42.153
min = mean - 0.125 σ = 1016.435
max = mean + 0.75 σ = 1053.319
Azimuth =119.51°
Elevation =86.84°
Hour Angle =-00:12:42.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

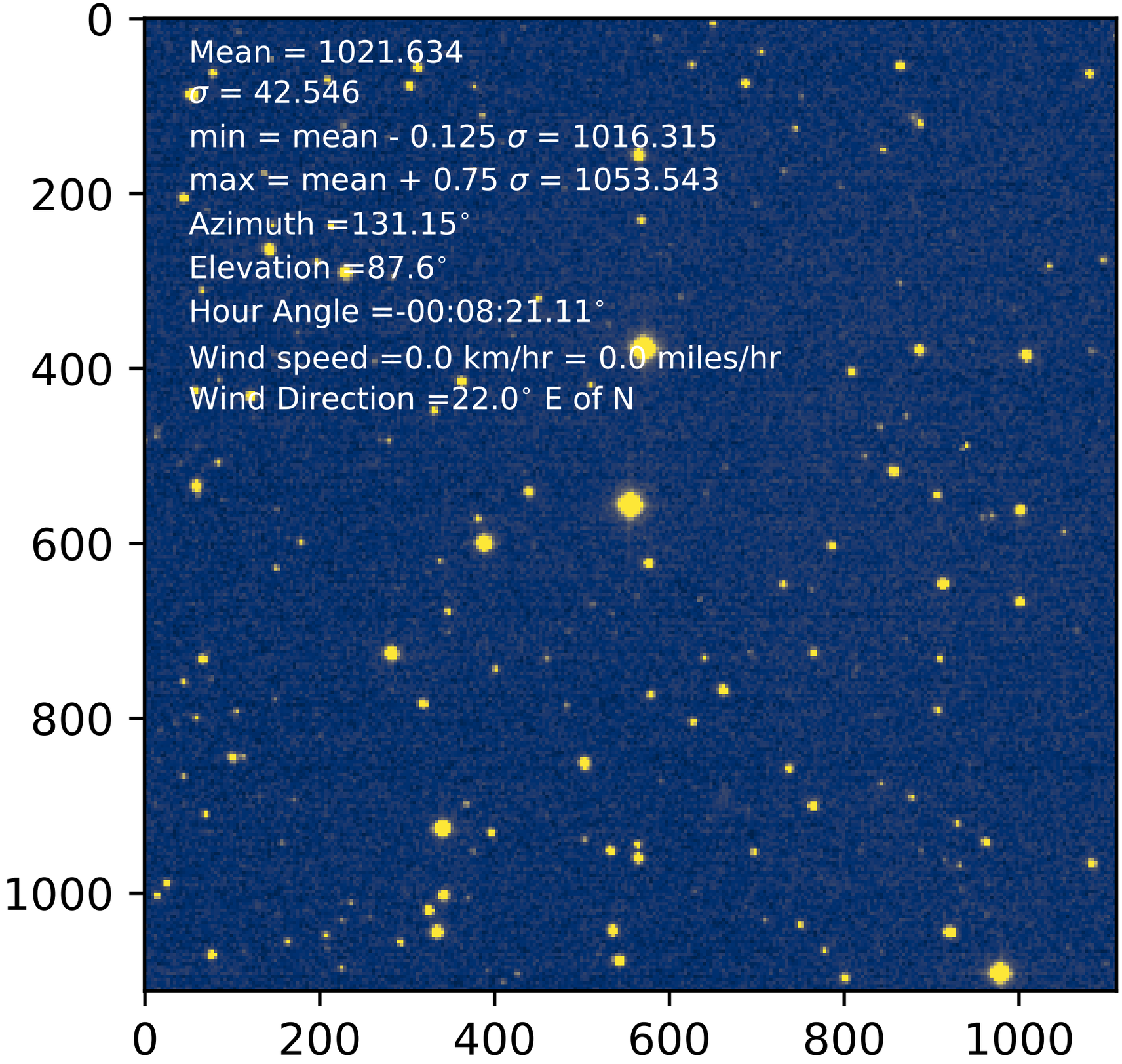

Mean = 1021.631
σ = 43.082
min = mean - 0.125 σ = 1016.246
max = mean + 0.75 σ = 1053.943
Azimuth =121.03°
Elevation =86.97°
Hour Angle =-00:11:59.71°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

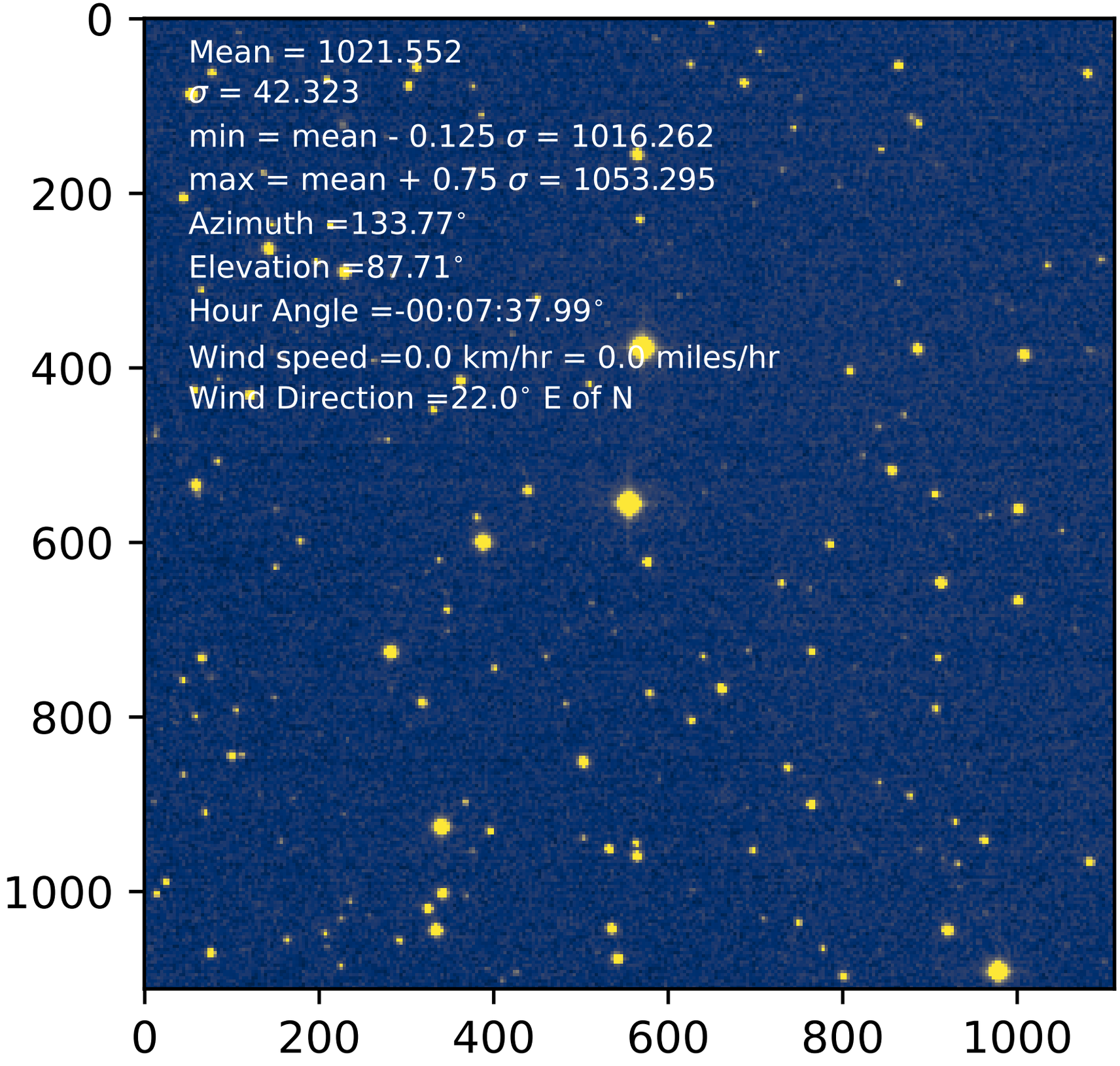

Mean = 1021.601
σ = 42.320
min = mean - 0.125 σ = 1016.311
max = mean + 0.75 σ = 1053.341
Azimuth =122.72°
Elevation =87.11°
Hour Angle =-00:11:15.59°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.597
σ = 42.849
min = mean - 0.125 σ = 1016.24
max = mean + 0.75 σ = 1053.733
Azimuth =124.53°
Elevation =87.23°
Hour Angle =-00:10:32.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.620
σ = 42.505
min = mean - 0.125 σ = 1016.307
max = mean + 0.75 σ = 1053.499
Azimuth =126.55°
Elevation =87.36°
Hour Angle =-00:09:48.35°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.686
σ = 42.670
min = mean - 0.125 σ = 1016.352
max = mean + 0.75 σ = 1053.689
Azimuth =128.72°
Elevation =87.48°
Hour Angle =-00:09:05.23°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.634
σ = 42.546
min = mean - 0.125 σ = 1016.315
max = mean + 0.75 σ = 1053.543
Azimuth =131.15°
Elevation =87.6°
Hour Angle =-00:08:21.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.552
σ = 42.323
min = mean - 0.125 σ = 1016.262
max = mean + 0.75 σ = 1053.295
Azimuth =133.77°
Elevation =87.71°
Hour Angle =-00:07:37.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
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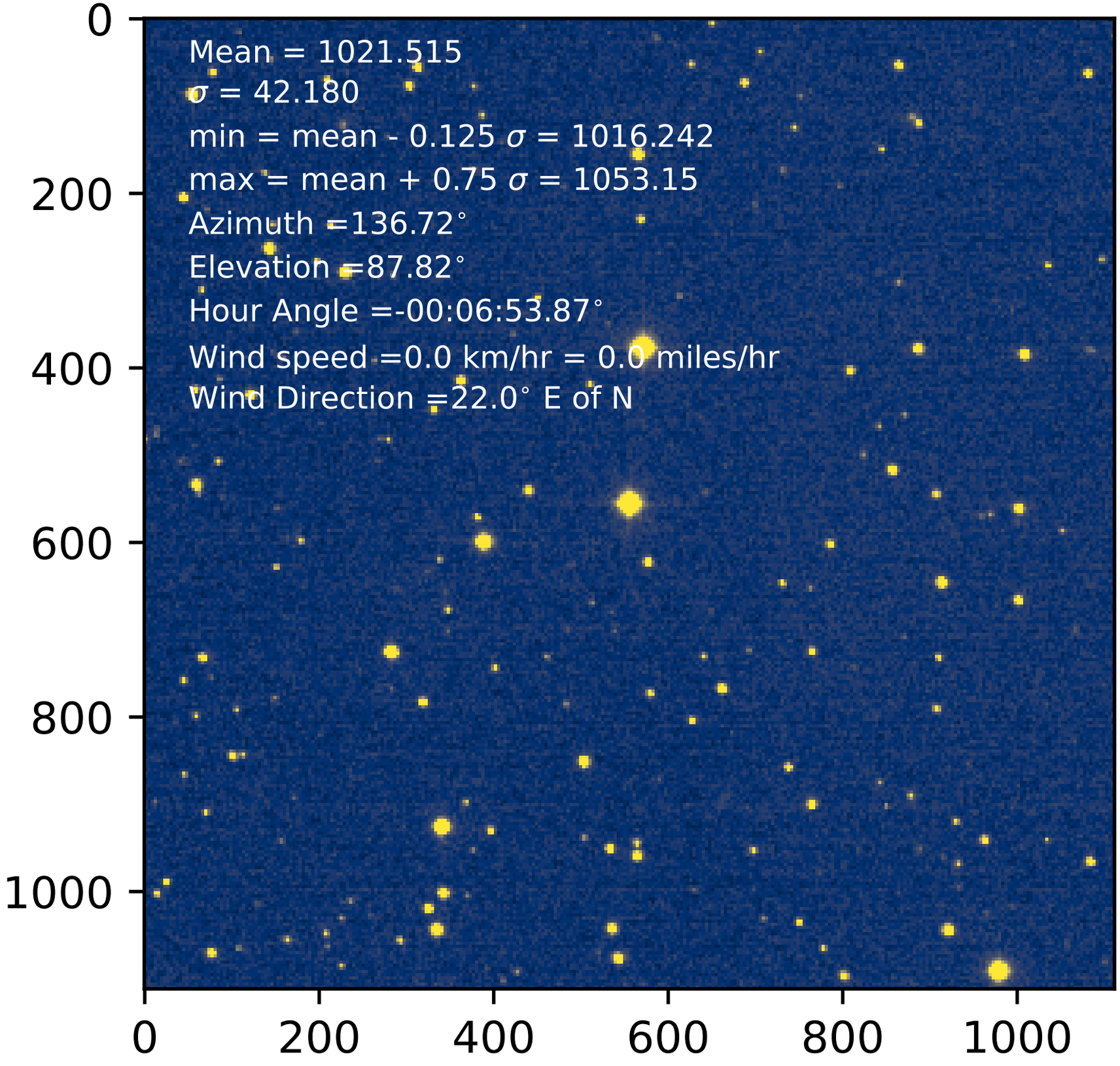
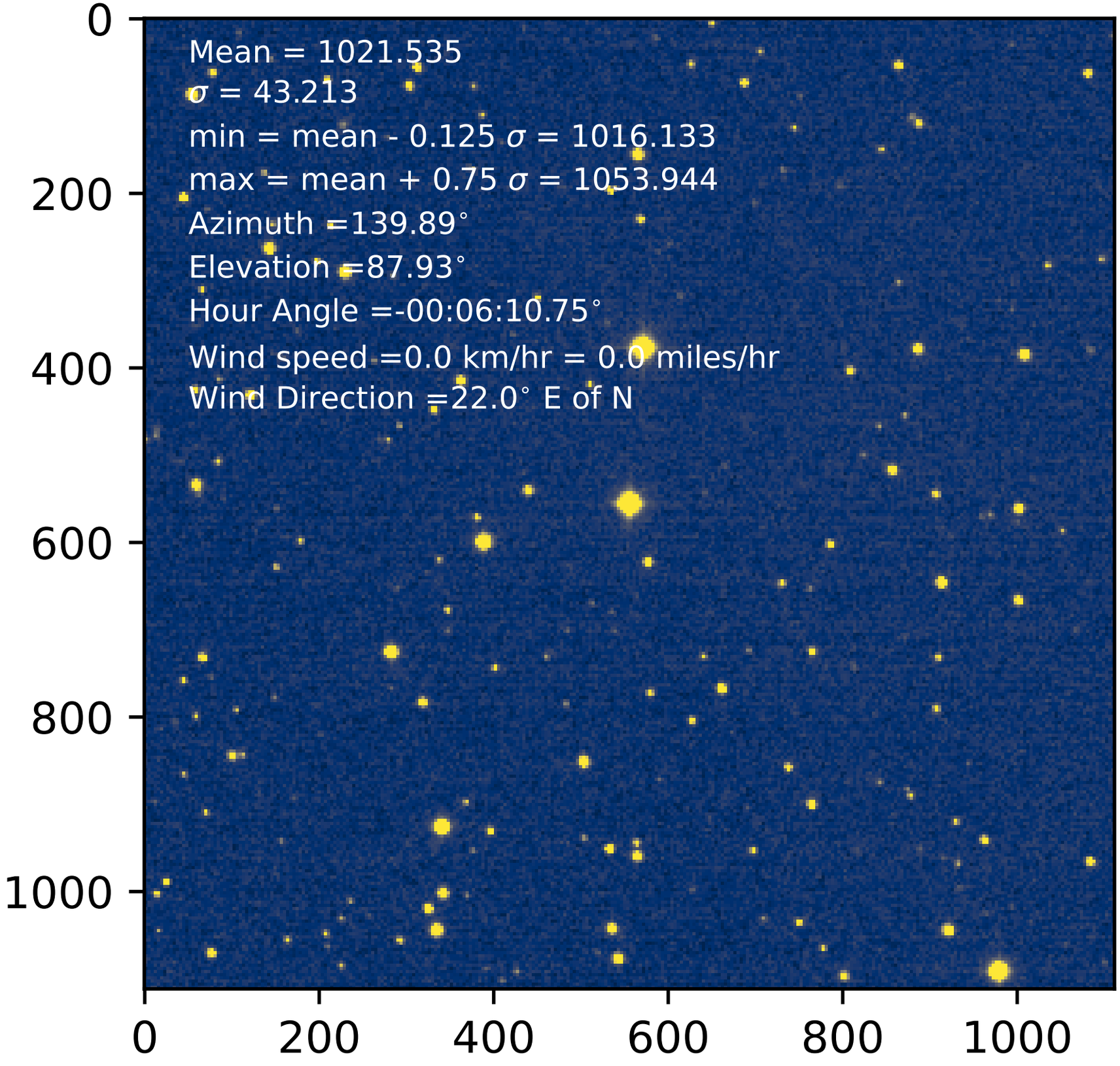
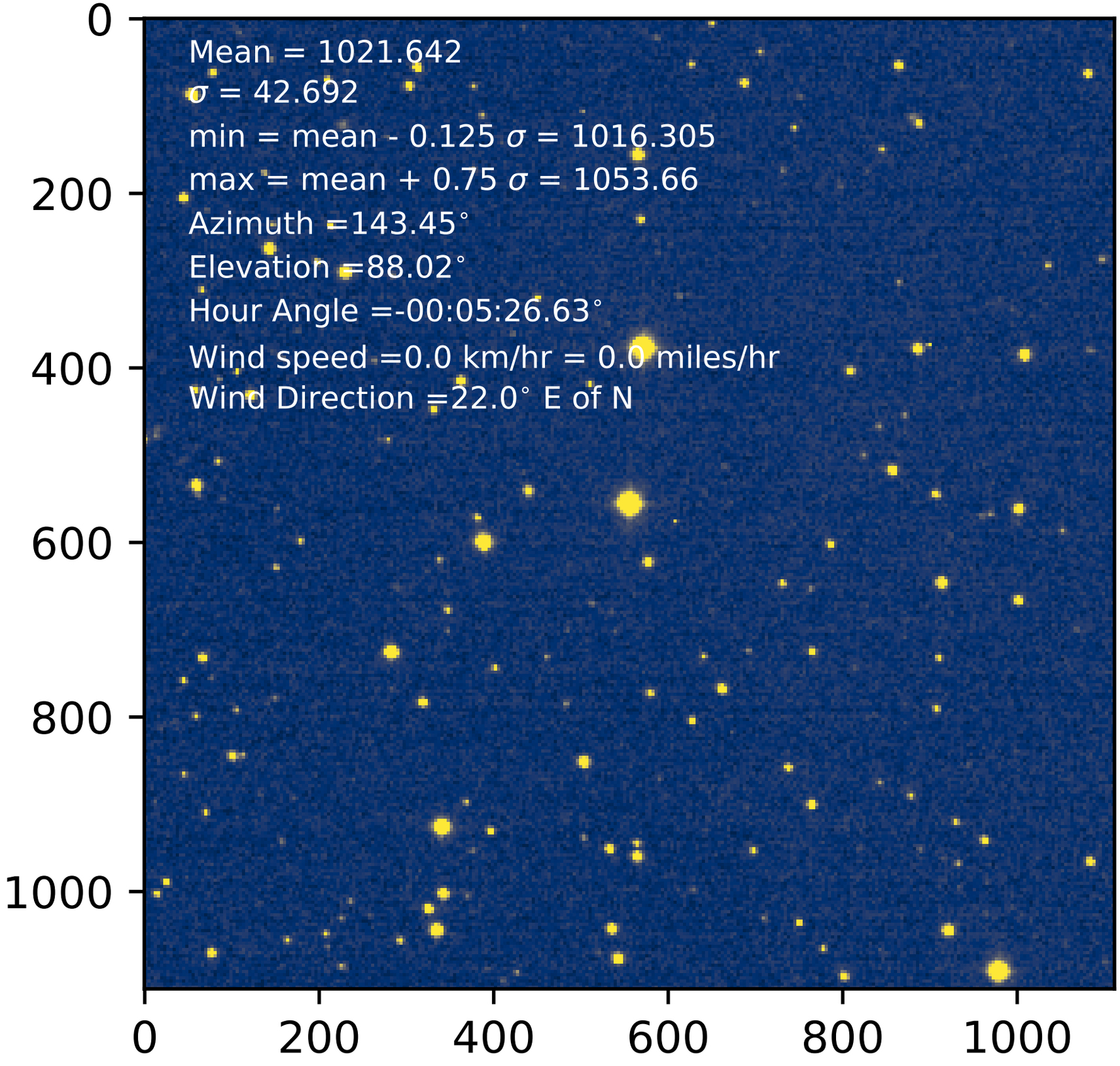
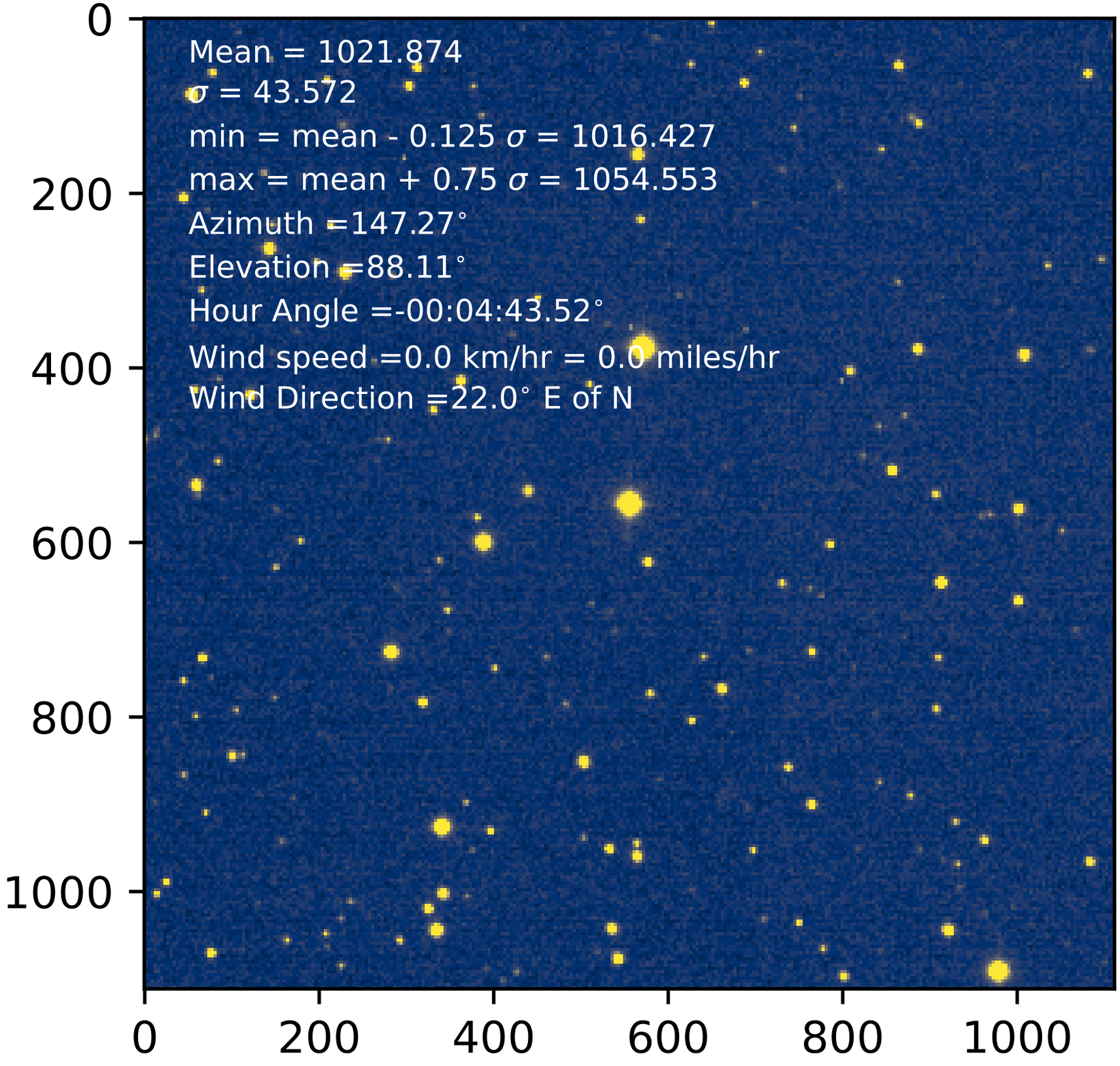
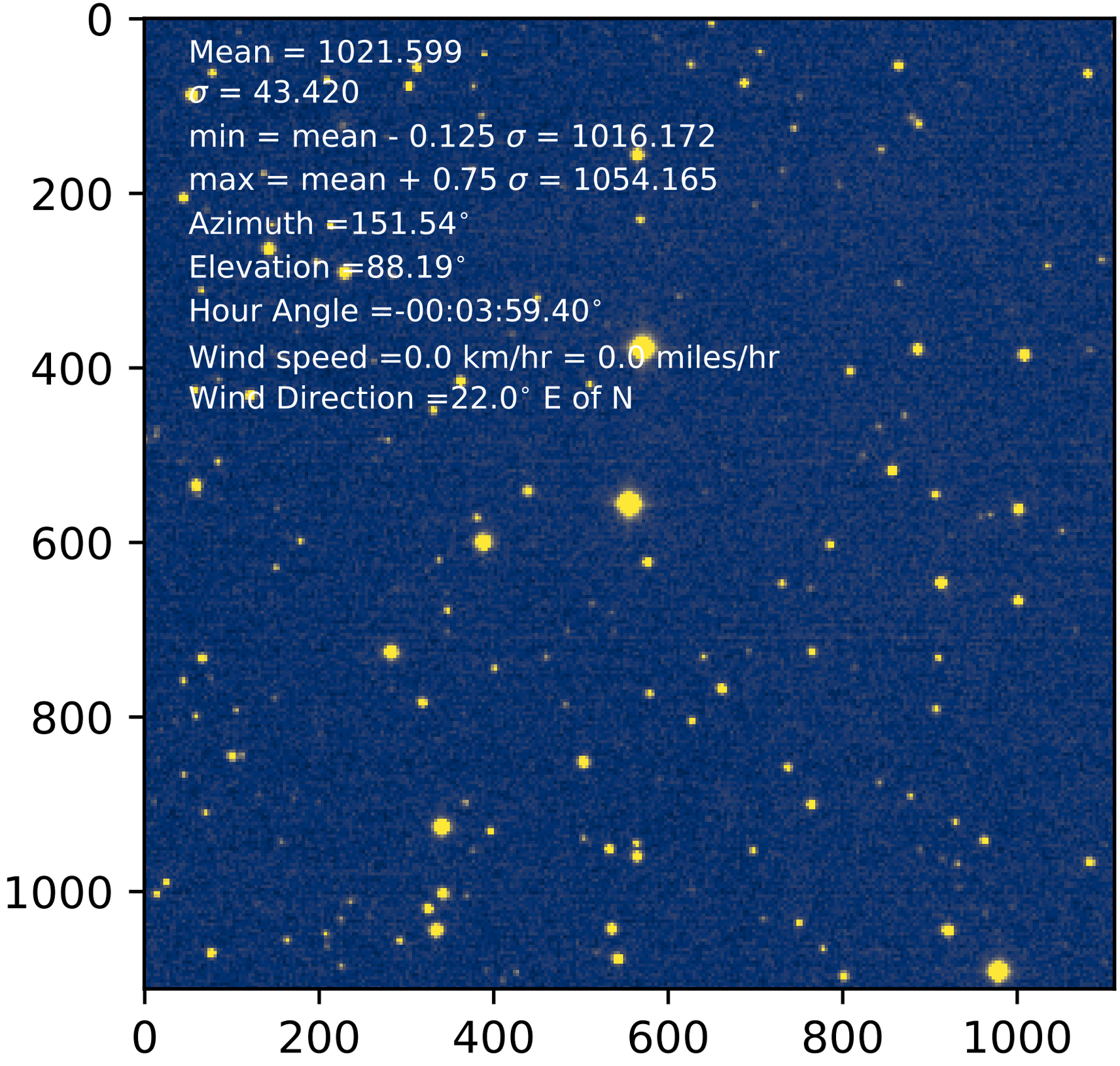
600
800
1000

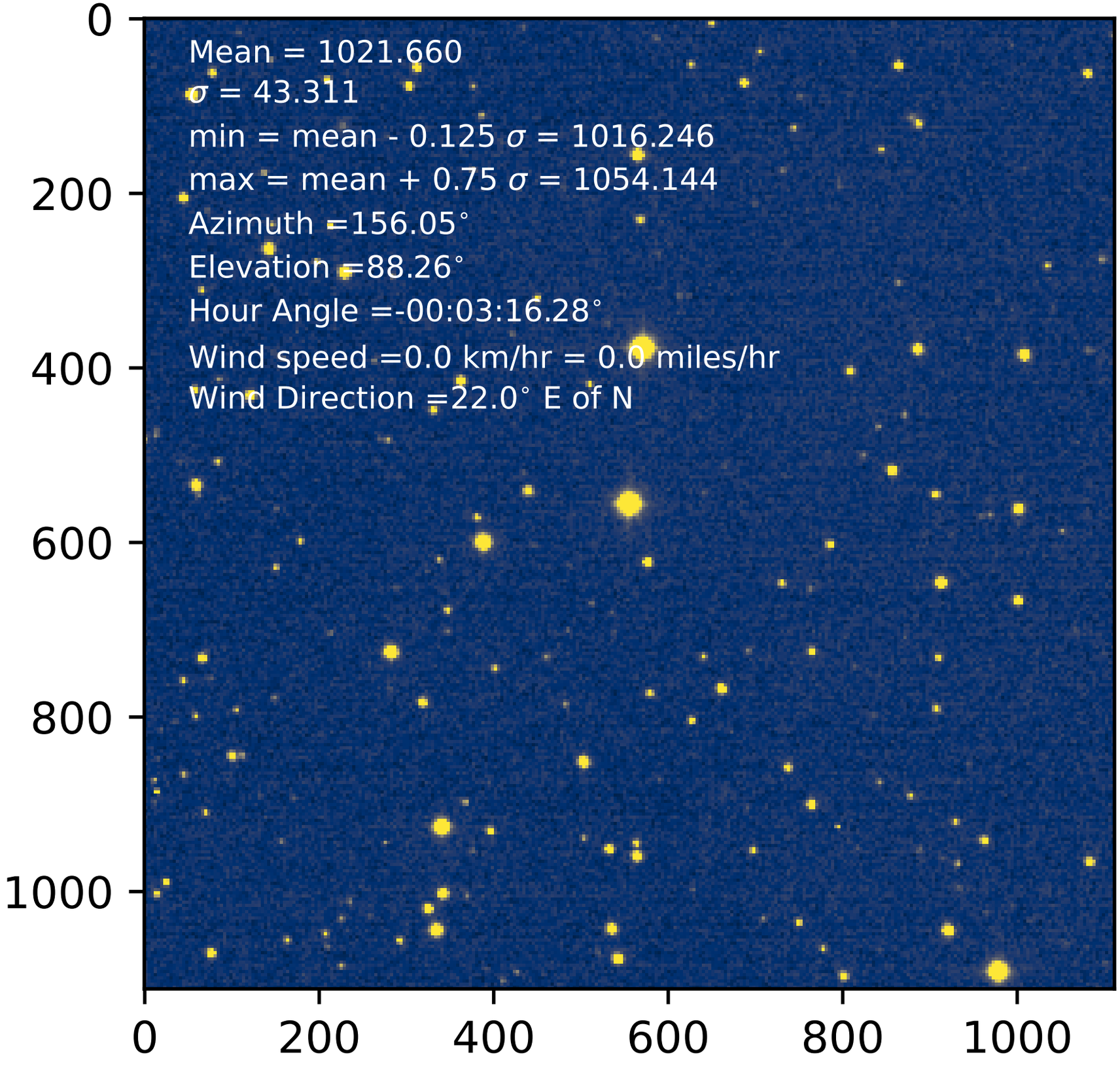

Mean = 1021.515
σ = 42.180
min = mean - 0.125 σ = 1016.242
max = mean + 0.75 σ = 1053.15
Azimuth =136.72°
Elevation =87.82°
Hour Angle =-00:06:53.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

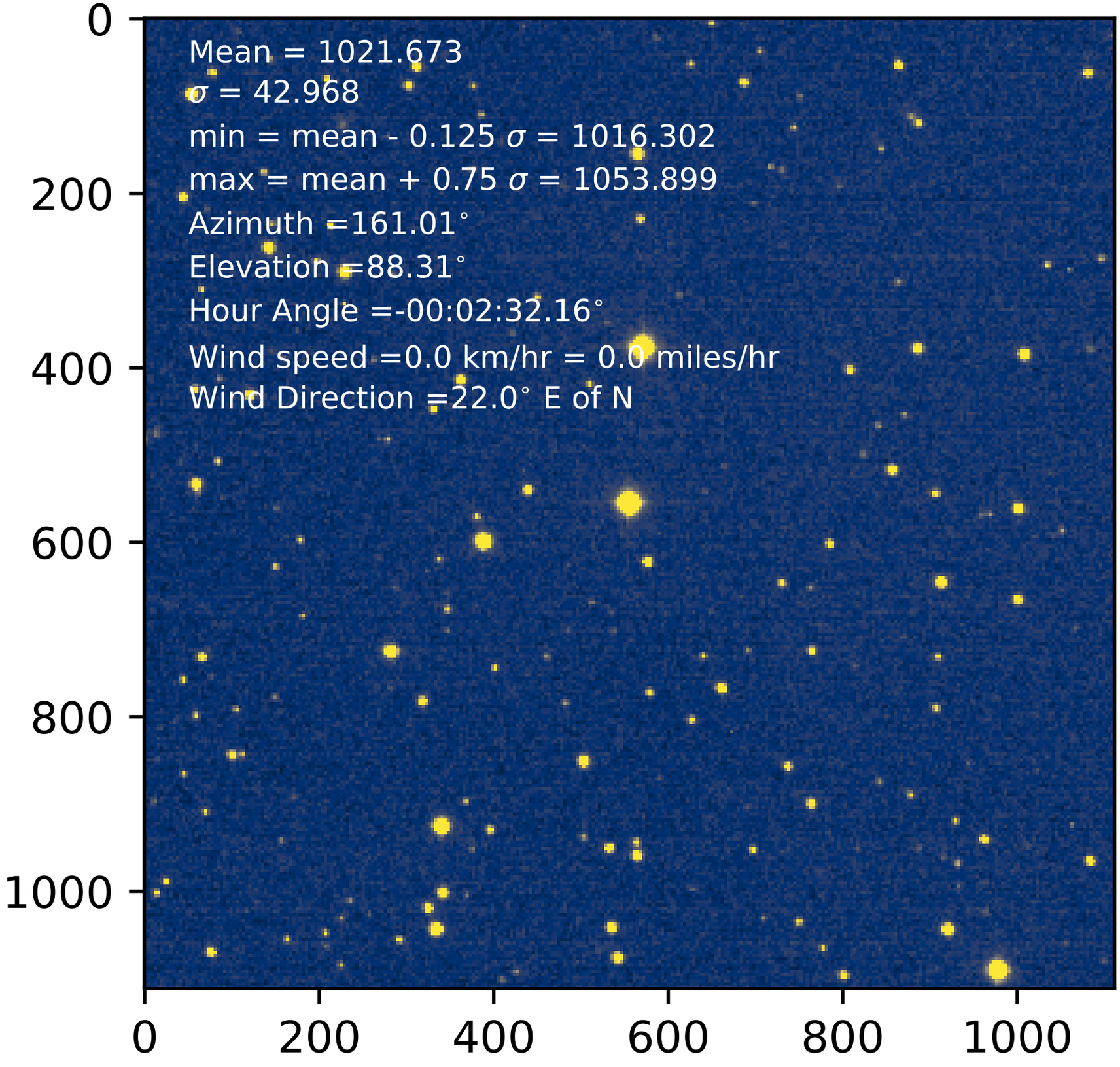

Mean = 1021.535
σ = 43.213
min = mean - 0.125 σ = 1016.133
max = mean + 0.75 σ = 1053.944
Azimuth =139.89°
Elevation =87.93°
Hour Angle =-00:06:10.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

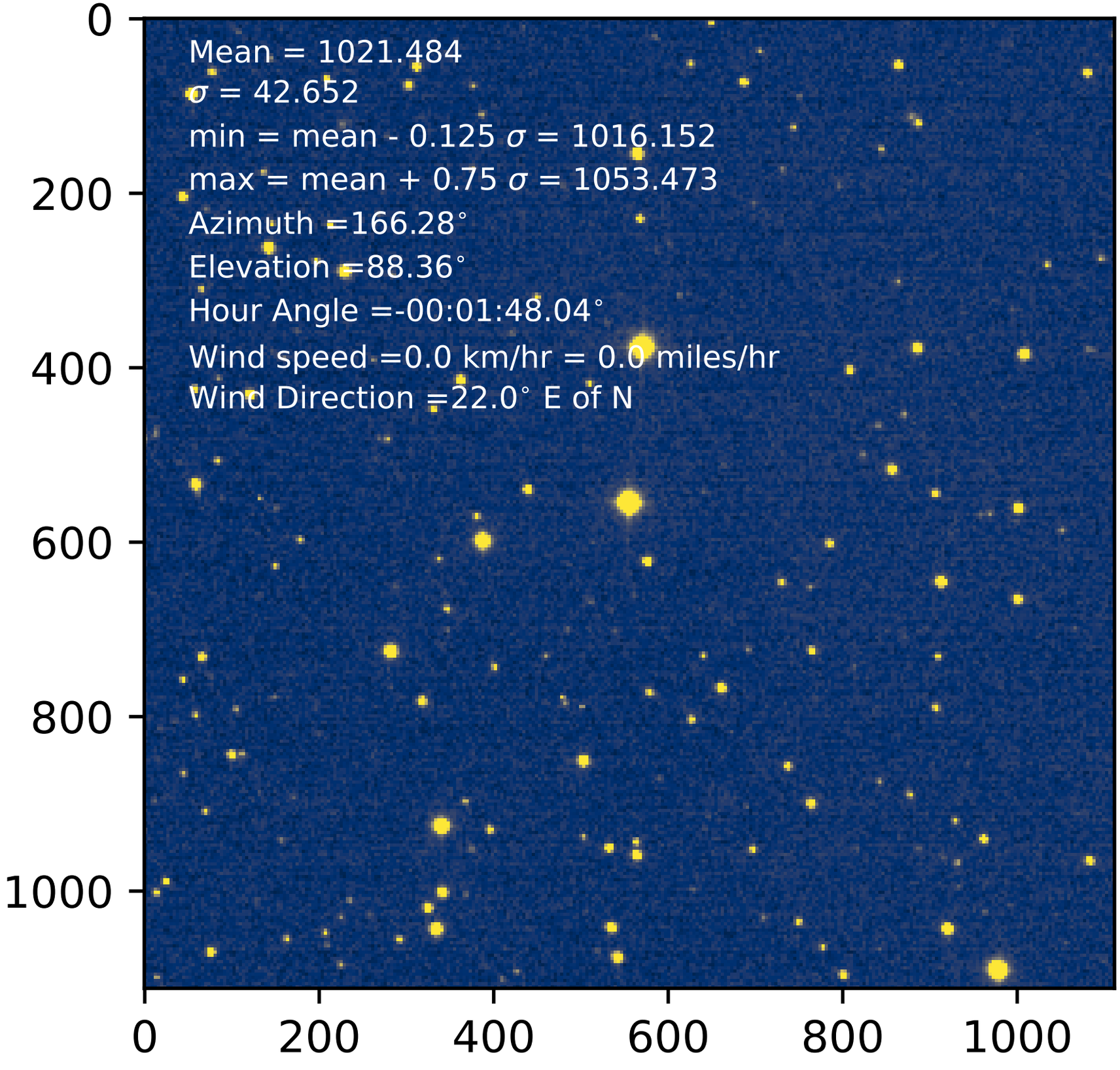

Mean = 1021.642
σ = 42.692
min = mean - 0.125 σ = 1016.305
max = mean + 0.75 σ = 1053.66
Azimuth =143.45°
Elevation =88.02°
Hour Angle =-00:05:26.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

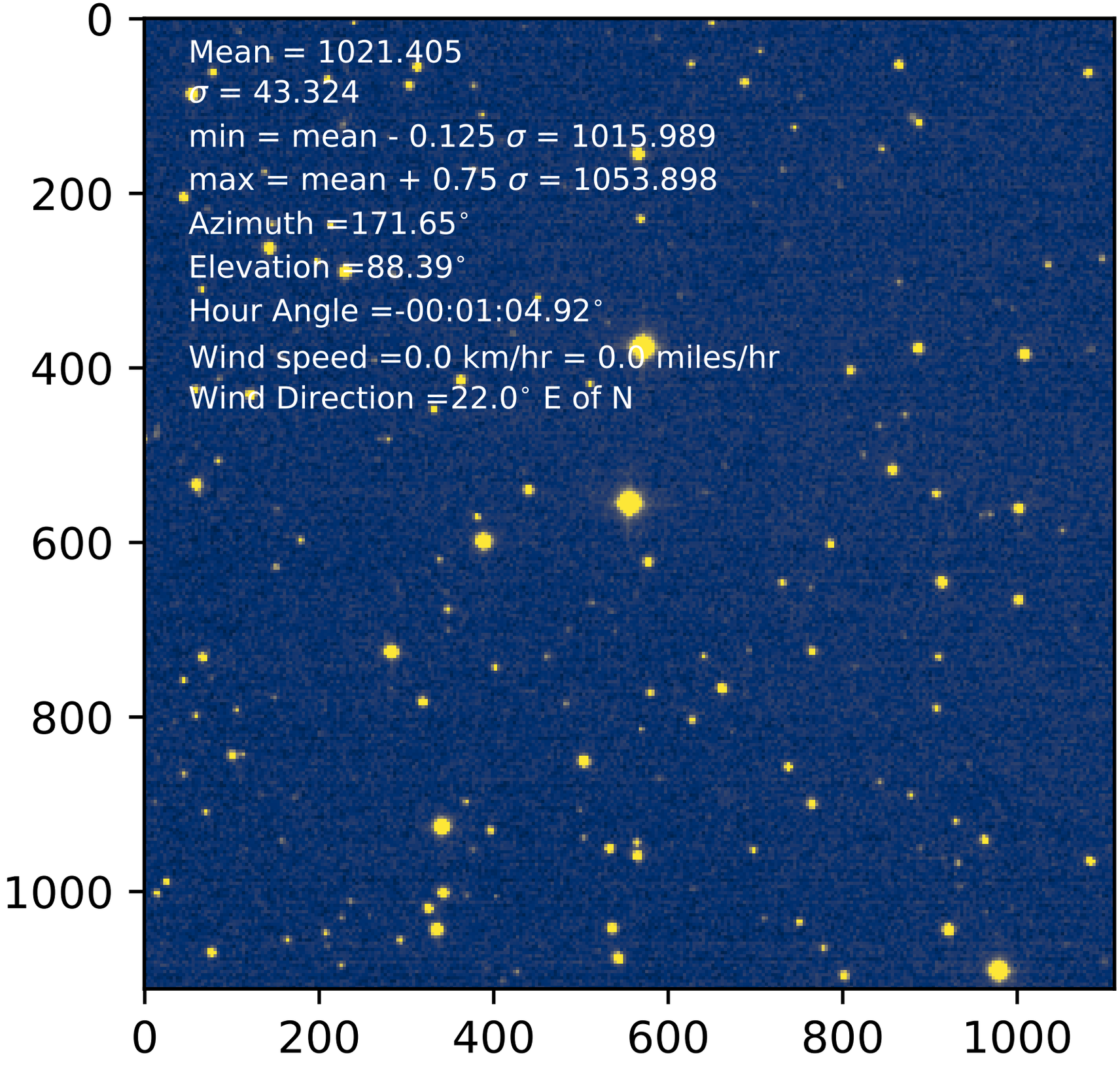

Mean = 1021.874
σ = 43.572
min = mean - 0.125 σ = 1016.427
max = mean + 0.75 σ = 1054.553
Azimuth =147.27°
Elevation =88.11°
Hour Angle =-00:04:43.52°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

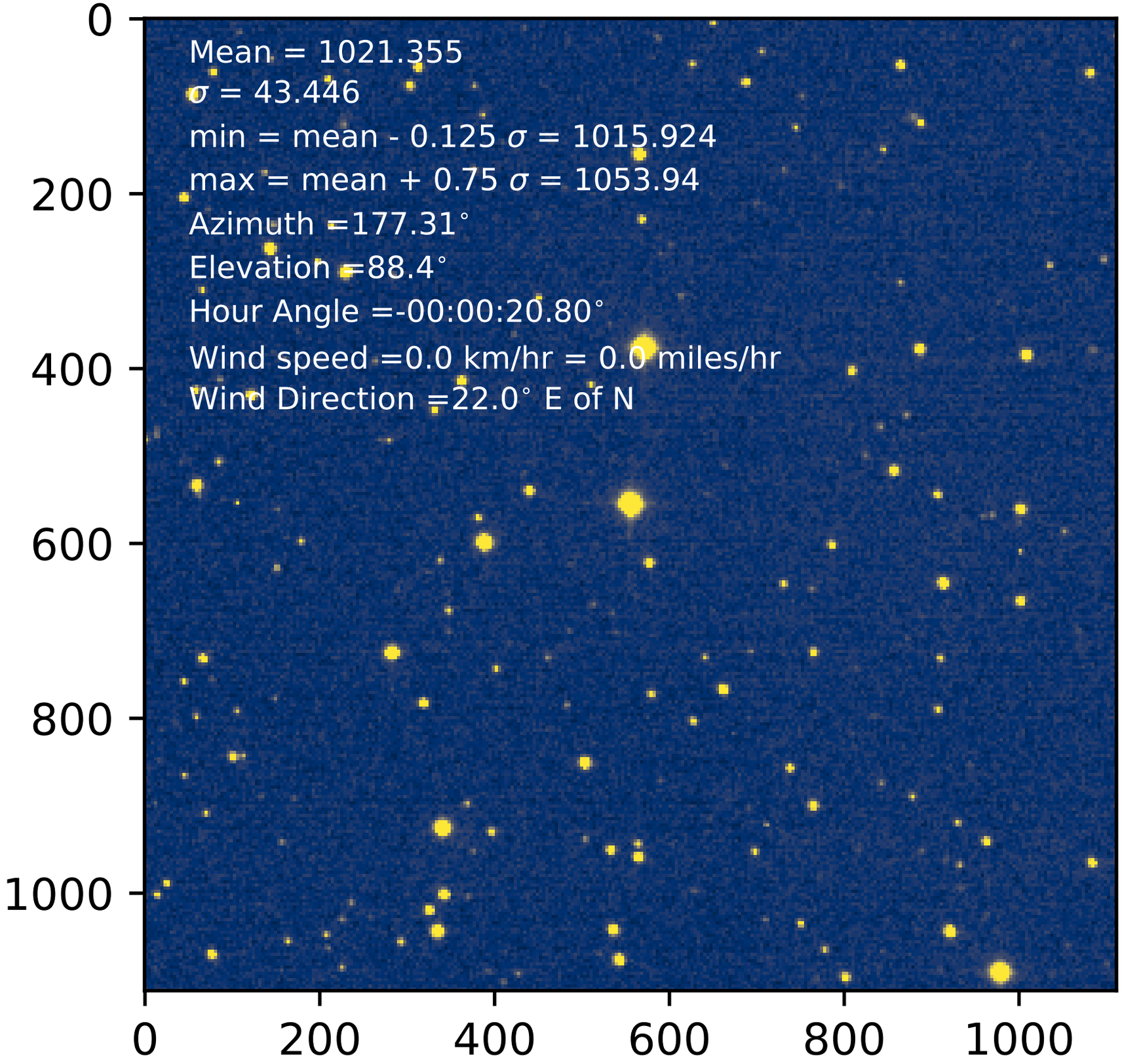

Mean = 1021.599
σ = 43.420
min = mean - 0.125 σ = 1016.172
max = mean + 0.75 σ = 1054.165
Azimuth =151.54°
Elevation =88.19°
Hour Angle =-00:03:59.40°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

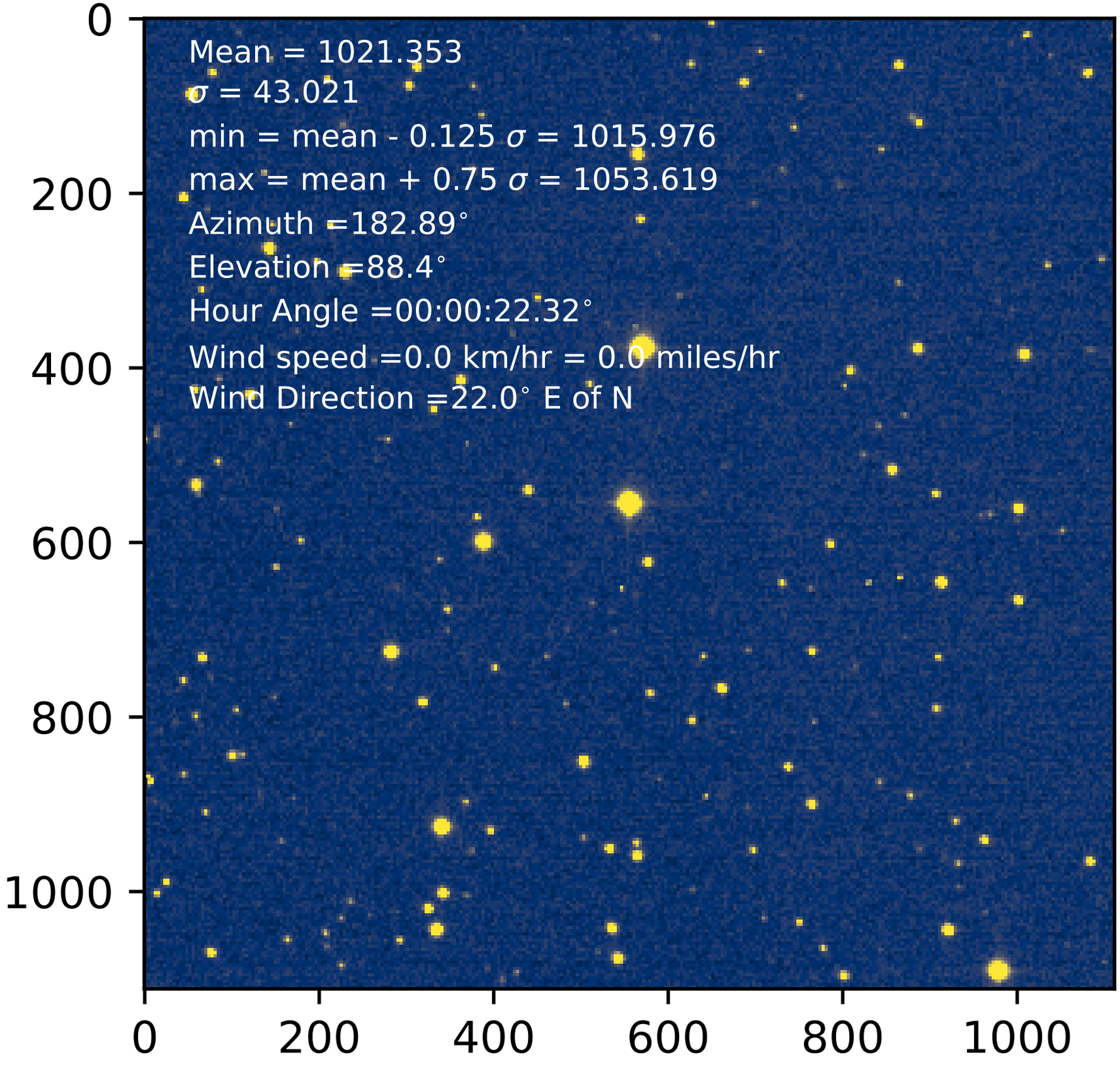

Mean = 1021.660
σ = 43.311
min = mean - 0.125 σ = 1016.246
max = mean + 0.75 σ = 1054.144
Azimuth =156.05°
Elevation =88.26°
Hour Angle =-00:03:16.28°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

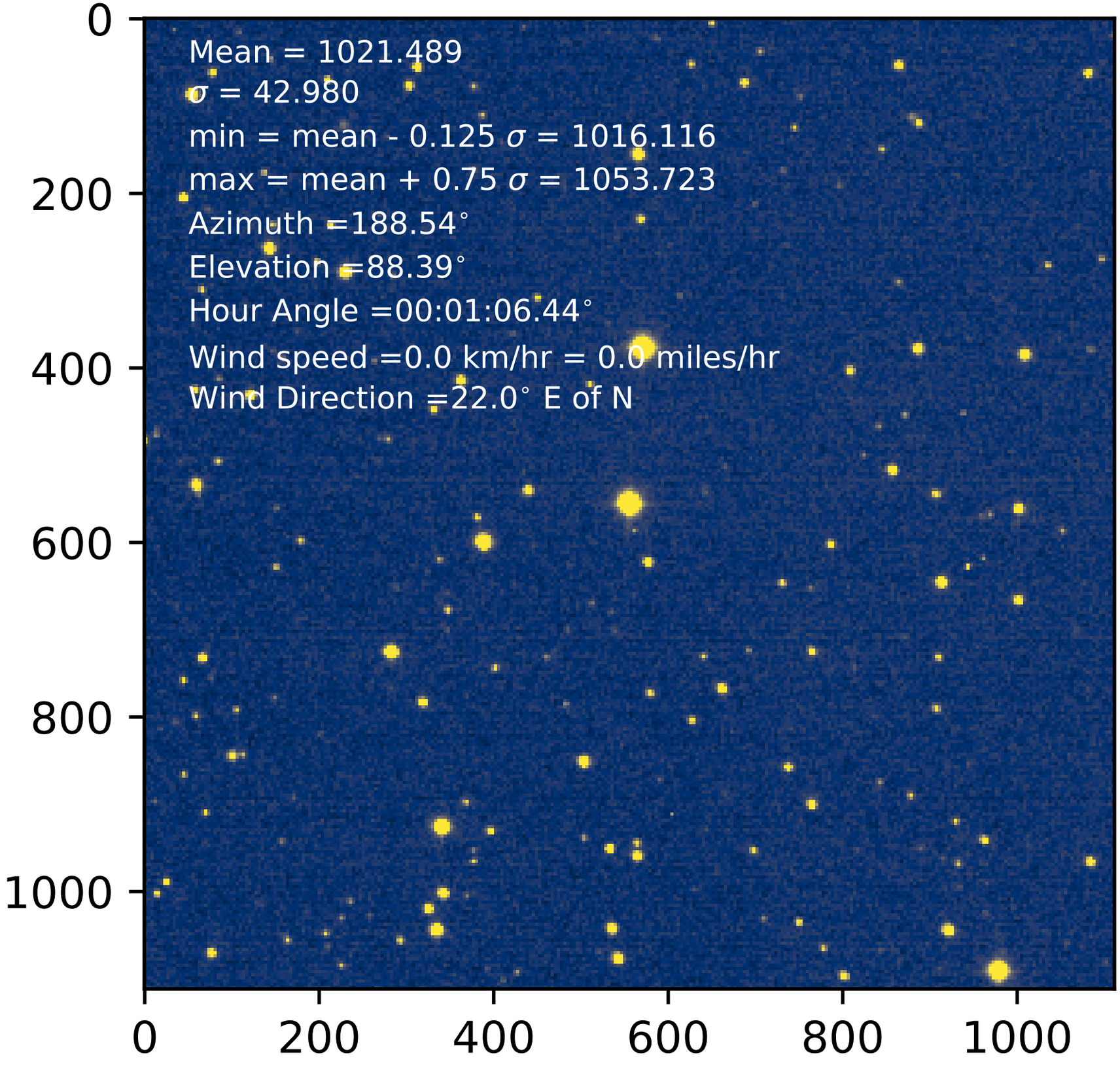

Mean = 1021.673
σ = 42.968
min = mean - 0.125 σ = 1016.302
max = mean + 0.75 σ = 1053.899
Azimuth =161.01°
Elevation =88.31°
Hour Angle =-00:02:32.16°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

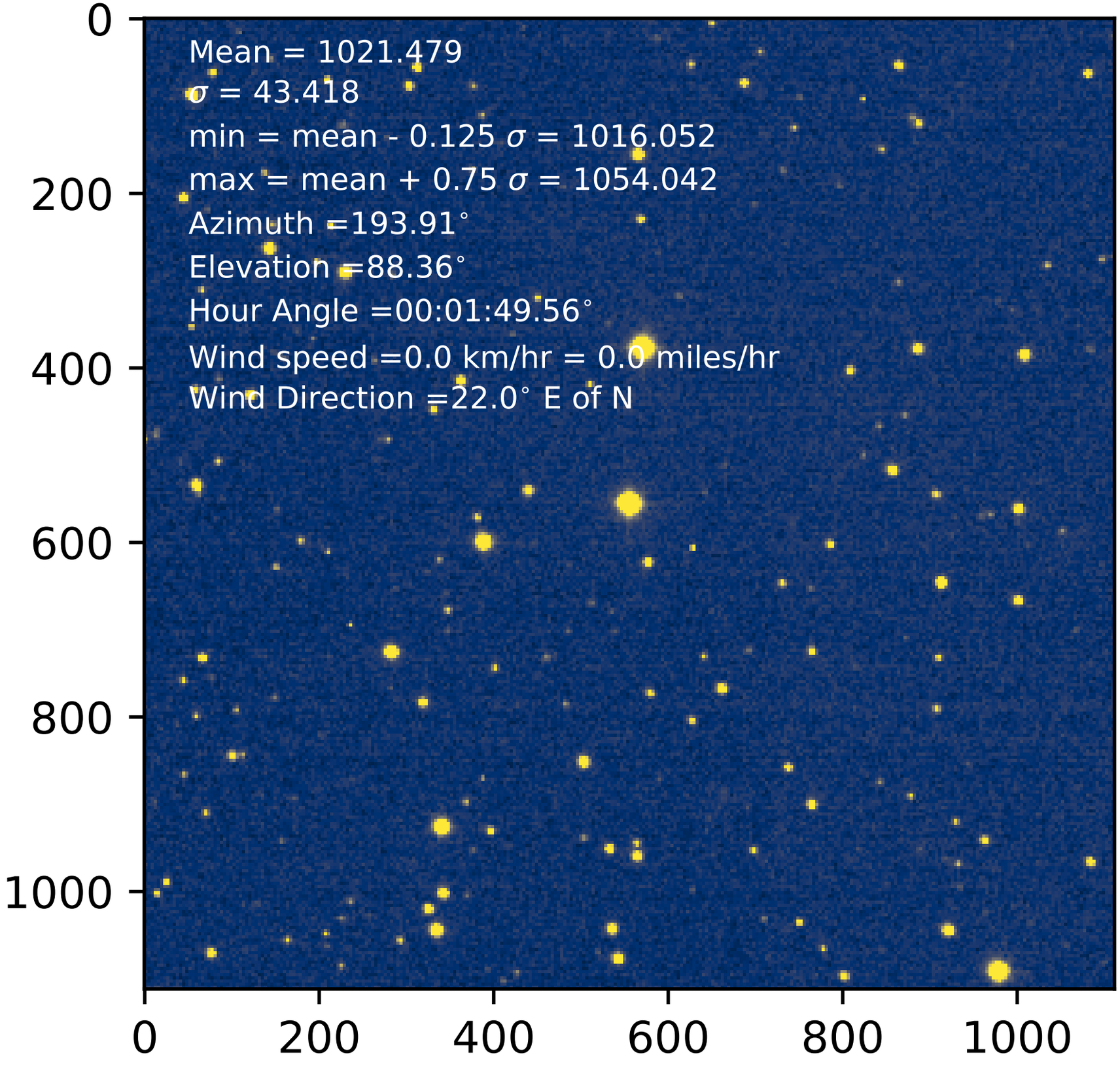

Mean = 1021.484
σ = 42.652
min = mean - 0.125 σ = 1016.152
max = mean + 0.75 σ = 1053.473
Azimuth =166.28°
Elevation =88.36°
Hour Angle =-00:01:48.04°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

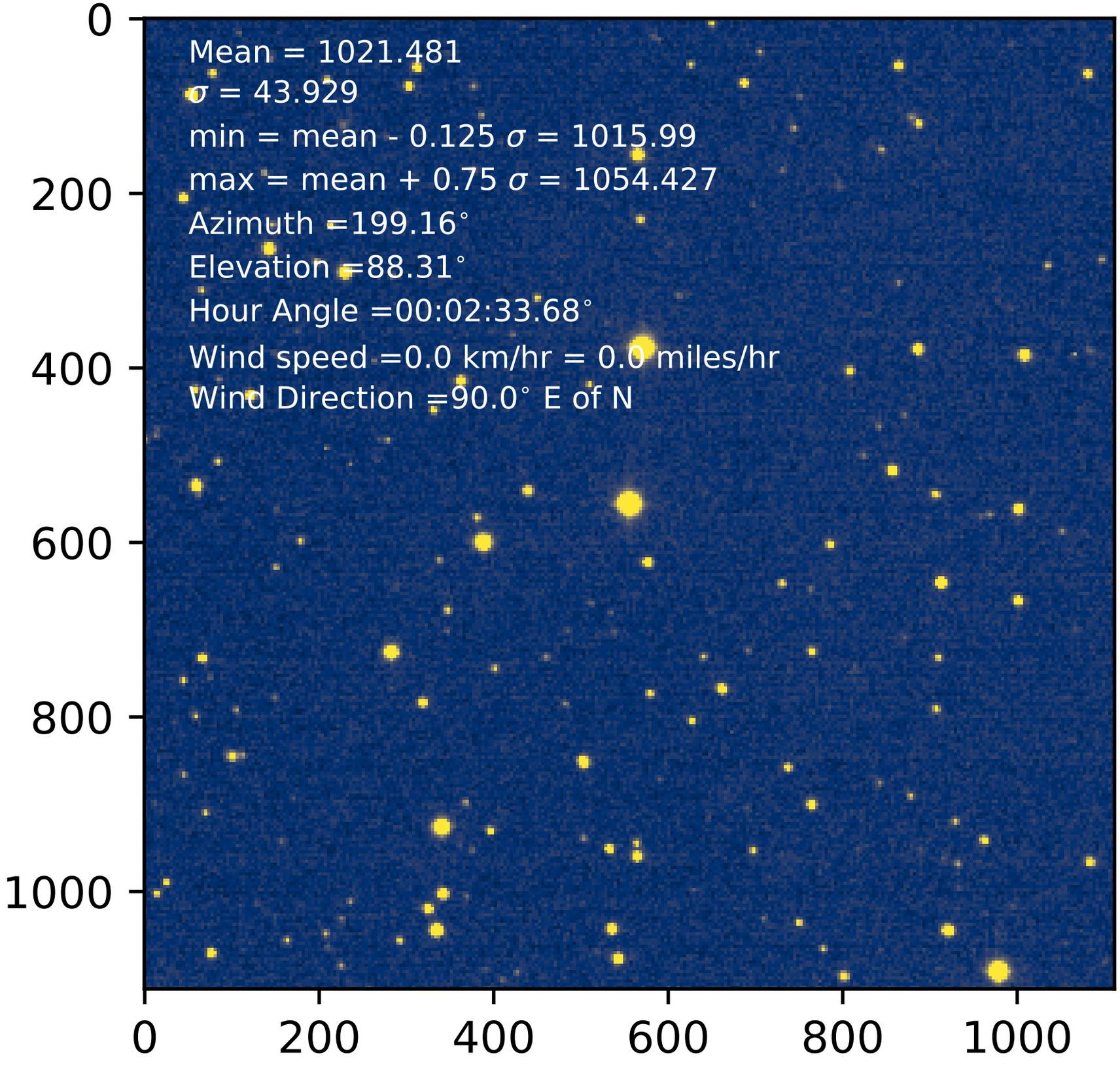

Mean = 1021.405
σ = 43.324
min = mean - 0.125 σ = 1015.989
max = mean + 0.75 σ = 1053.898
Azimuth =171.65°
Elevation =88.39°
Hour Angle =-00:01:04.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

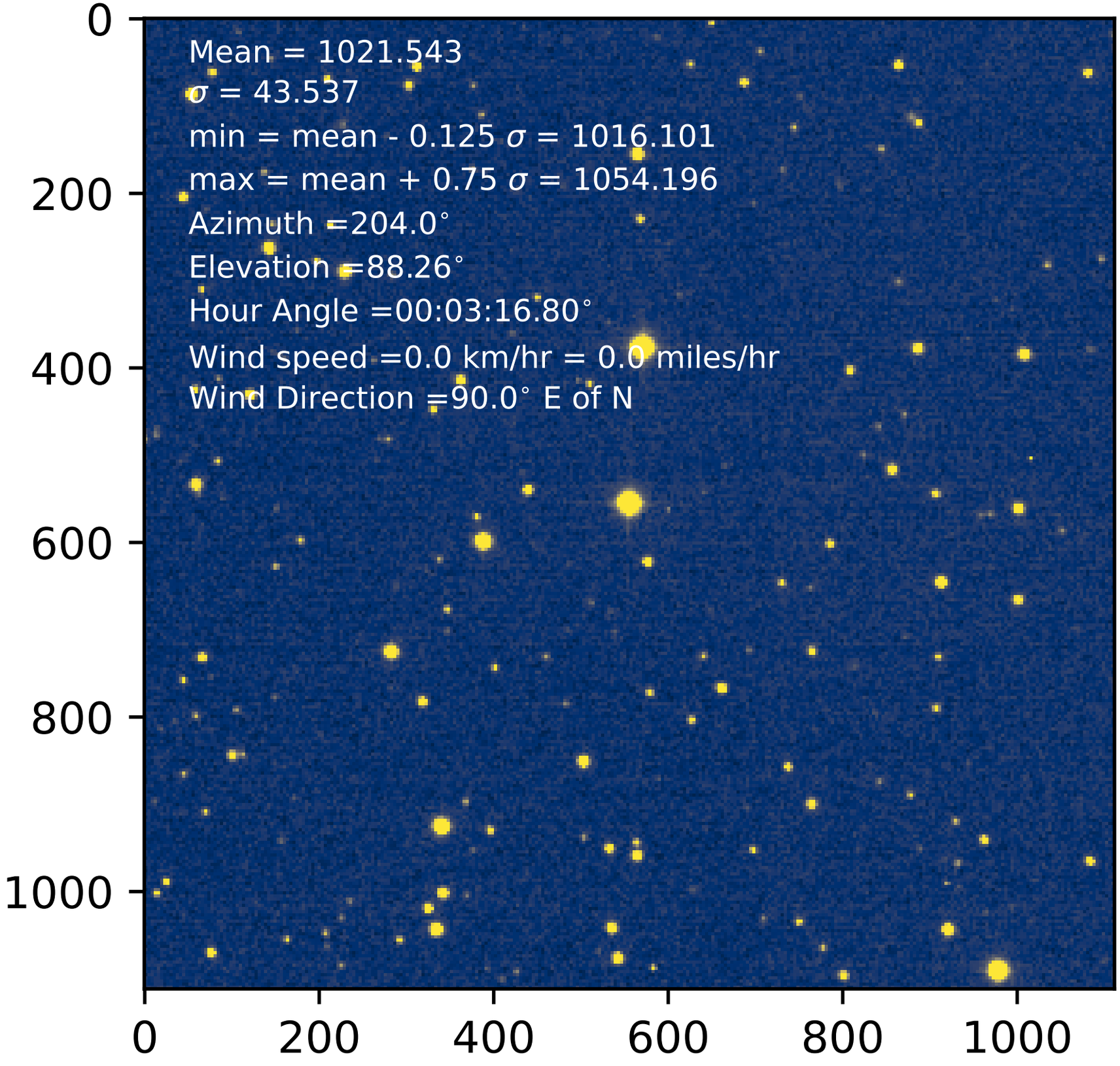

Mean = 1021.355
σ = 43.446
min = mean - 0.125 σ = 1015.924
max = mean + 0.75 σ = 1053.94
Azimuth =177.31°
Elevation =88.4°
Hour Angle =-00:00:20.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

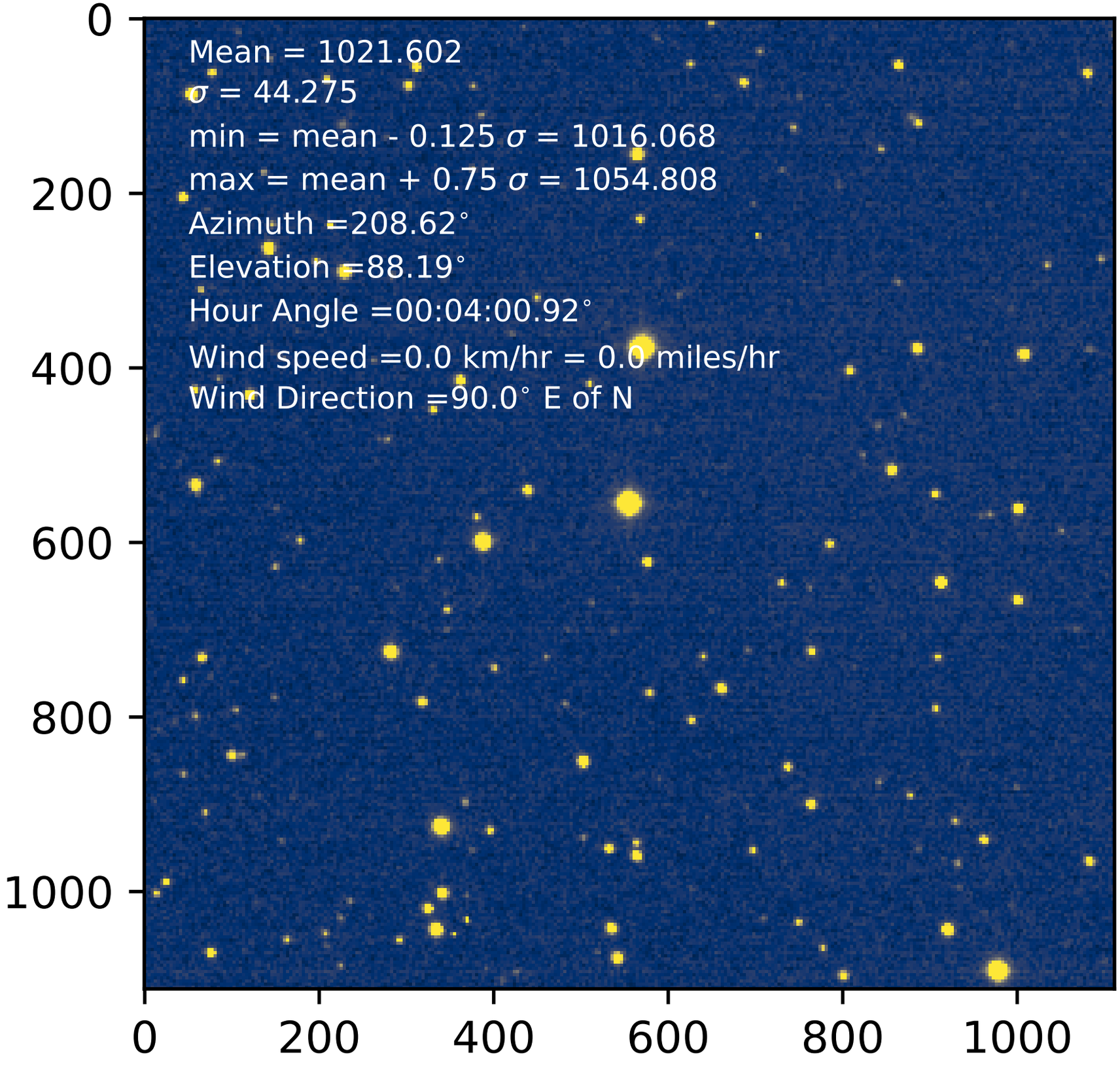

Mean = 1021.353
σ = 43.021
min = mean - 0.125 σ = 1015.976
max = mean + 0.75 σ = 1053.619
Azimuth =182.89°
Elevation =88.4°
Hour Angle =00:00:22.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

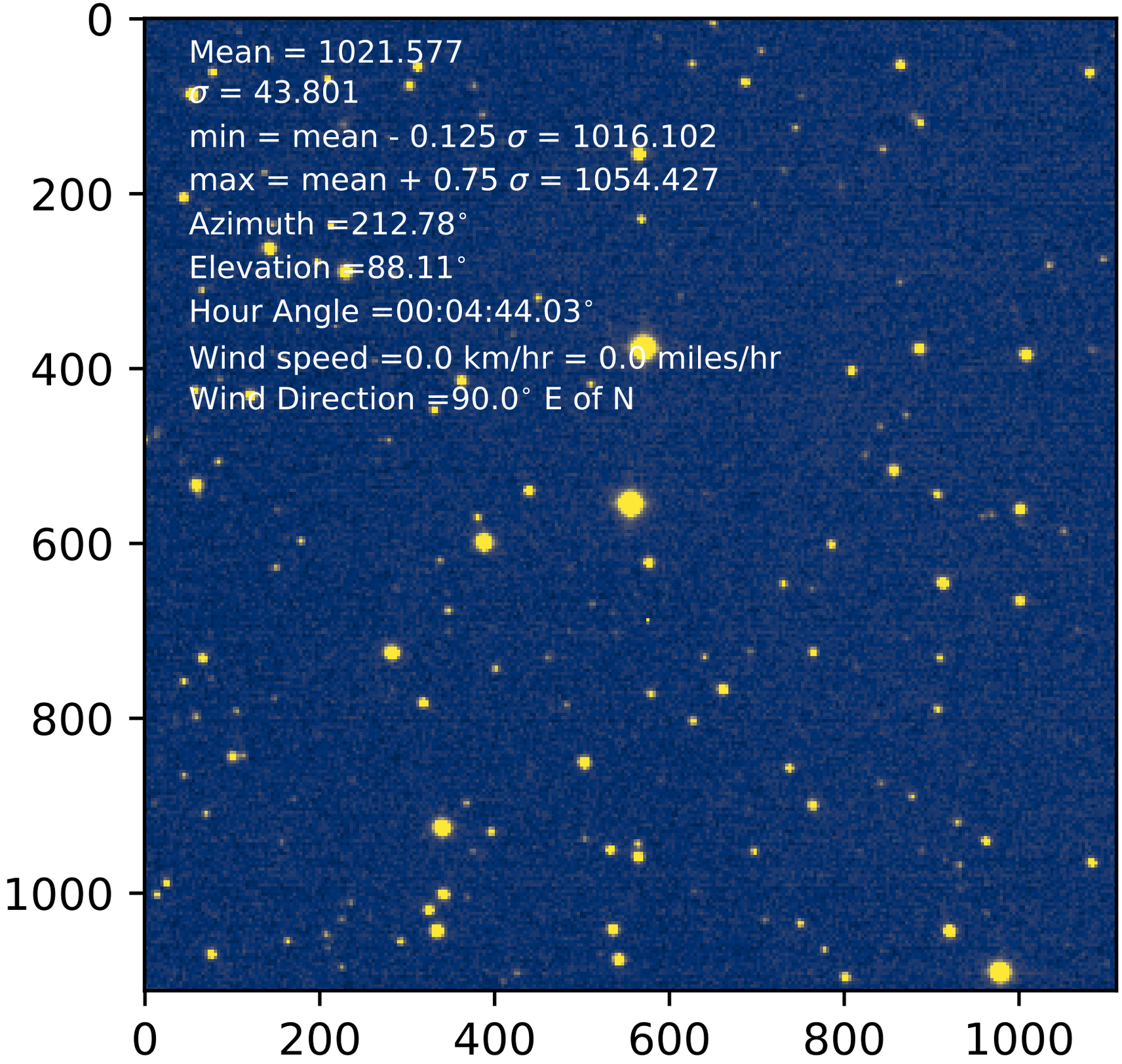

Mean = 1021.489
σ = 42.980
min = mean - 0.125 σ = 1016.116
max = mean + 0.75 σ = 1053.723
Azimuth =188.54°
Elevation =88.39°
Hour Angle =00:01:06.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

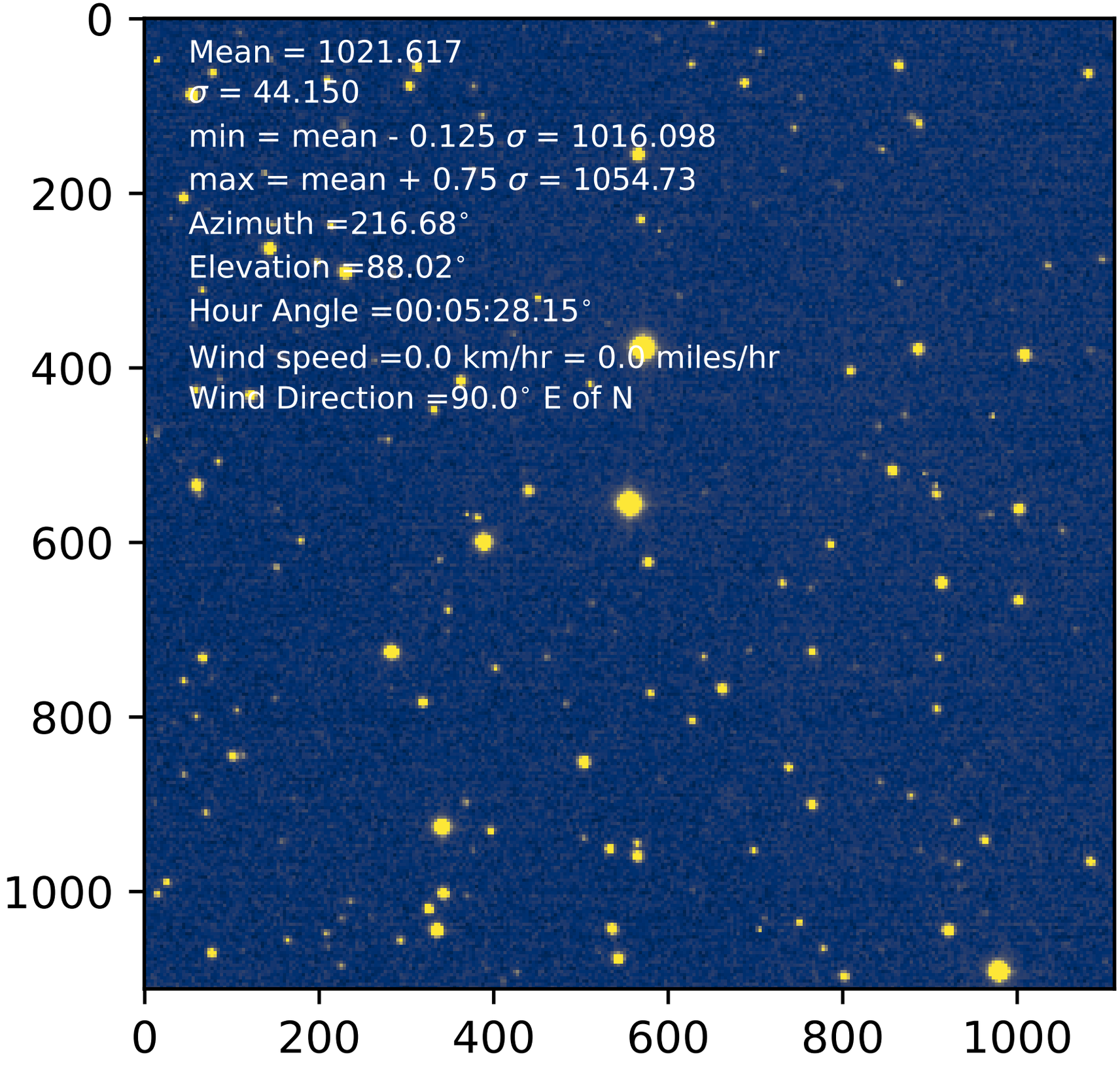

Mean = 1021.479
σ = 43.418
min = mean - 0.125 σ = 1016.052
max = mean + 0.75 σ = 1054.042
Azimuth =193.91°
Elevation =88.36°
Hour Angle =00:01:49.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =22.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

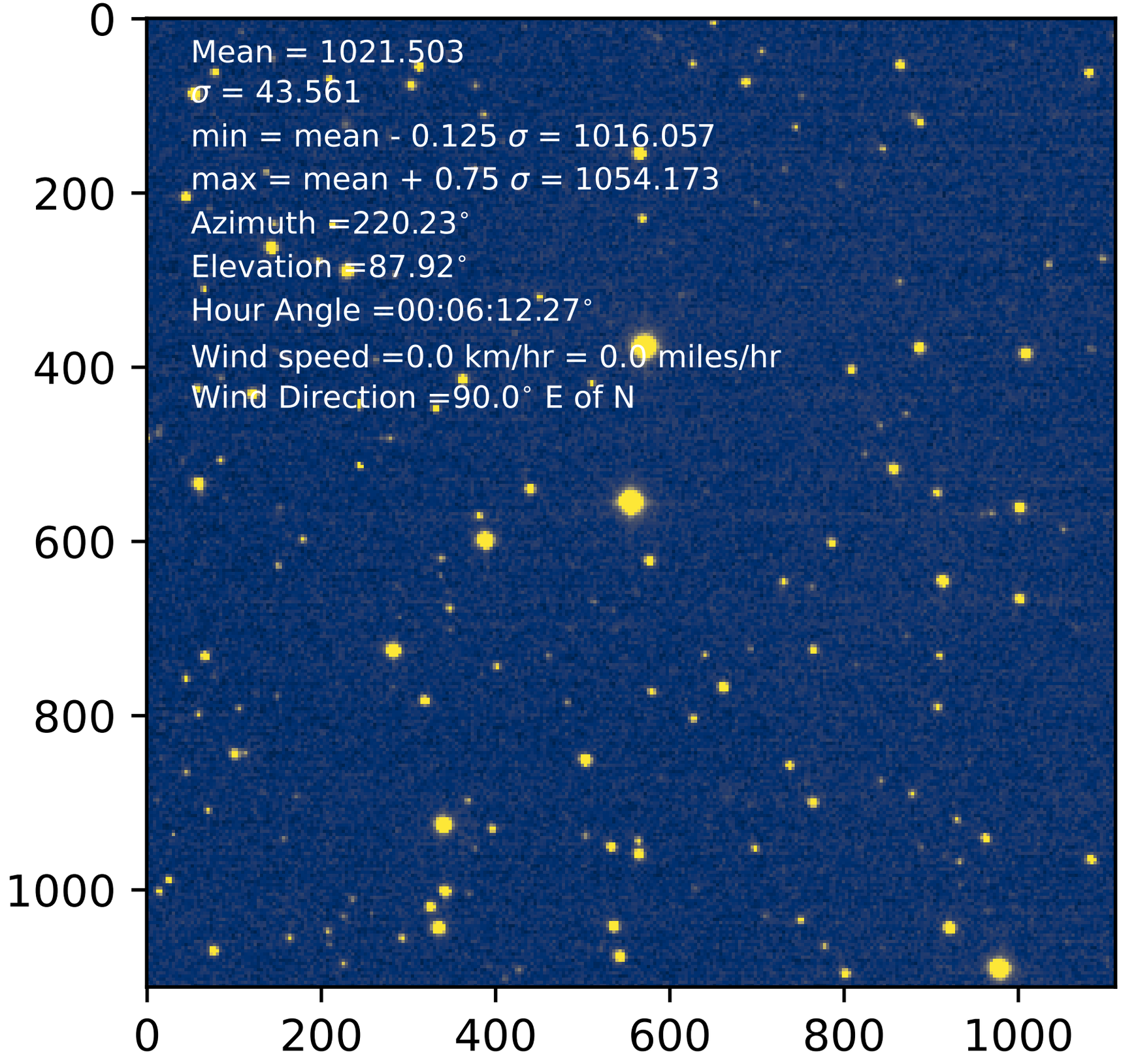

Mean = 1021.481
σ = 43.929
min = mean - 0.125 σ = 1015.99
max = mean + 0.75 σ = 1054.427
Azimuth =199.16°
Elevation =88.31°
Hour Angle =00:02:33.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

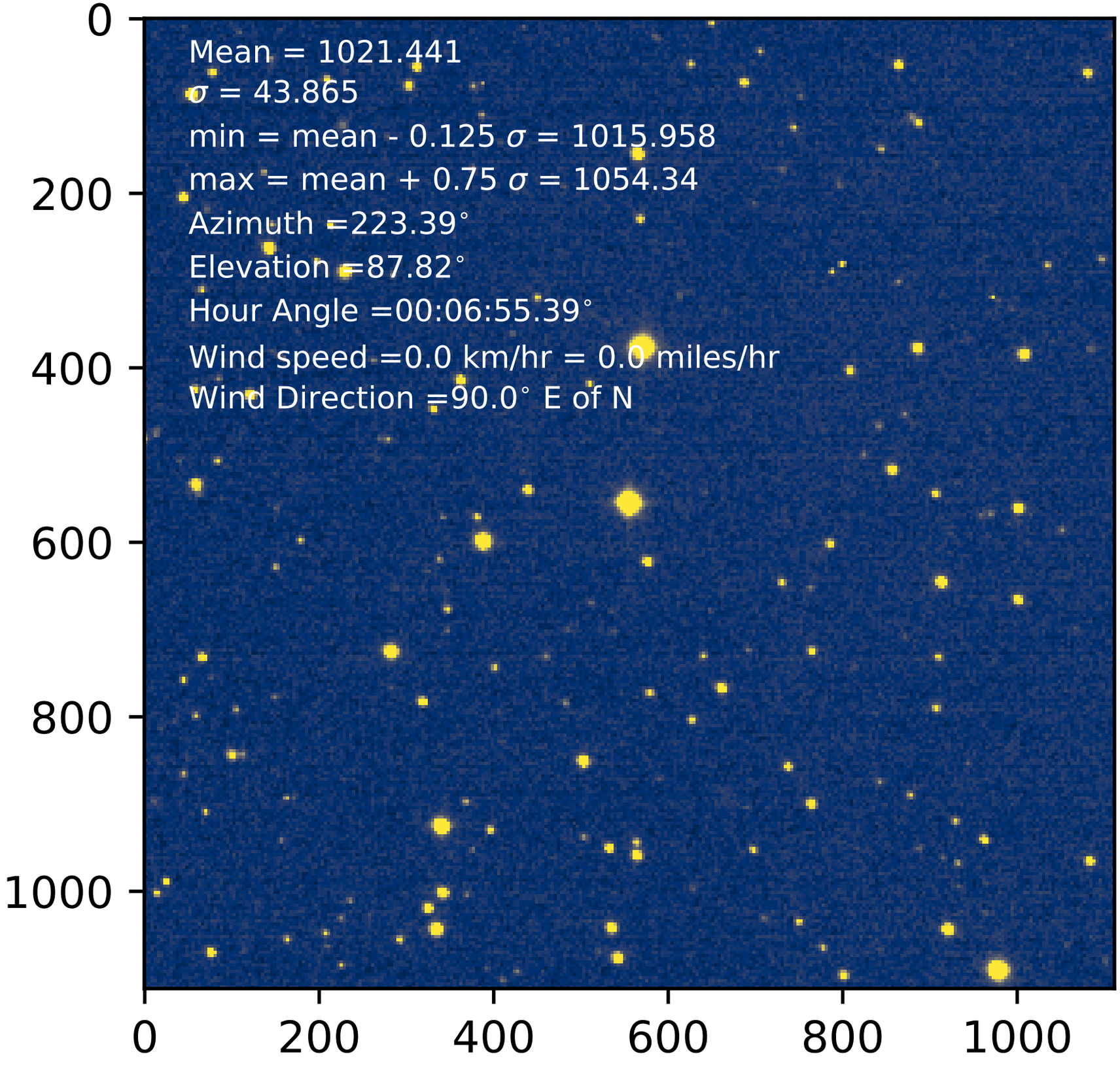

Mean = 1021.543
σ = 43.537
min = mean - 0.125 σ = 1016.101
max = mean + 0.75 σ = 1054.196
Azimuth =204.0°
Elevation =88.26°
Hour Angle =00:03:16.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

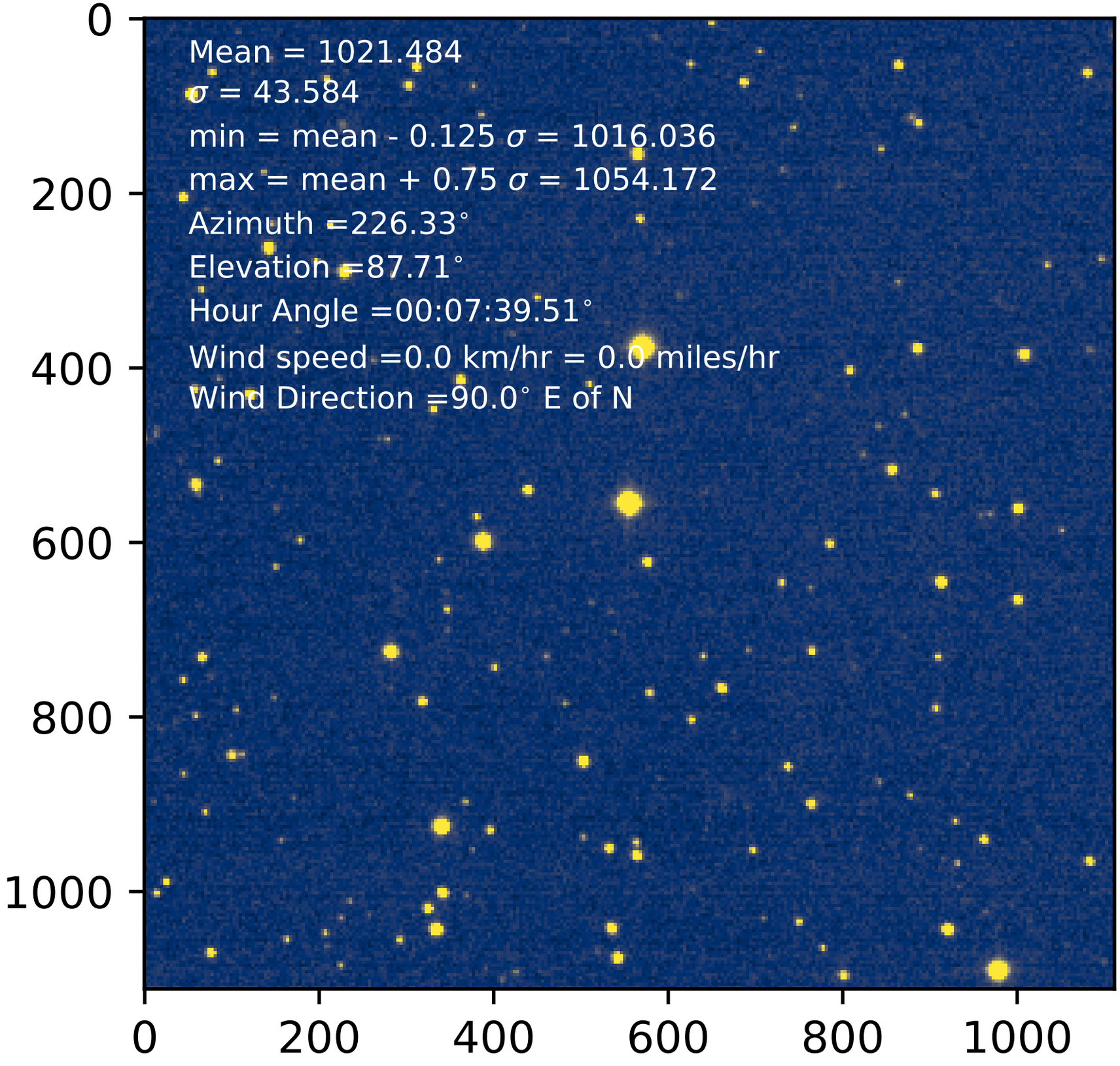

Mean = 1021.602
σ = 44.275
min = mean - 0.125 σ = 1016.068
max = mean + 0.75 σ = 1054.808
Azimuth =208.62°
Elevation =88.19°
Hour Angle =00:04:00.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

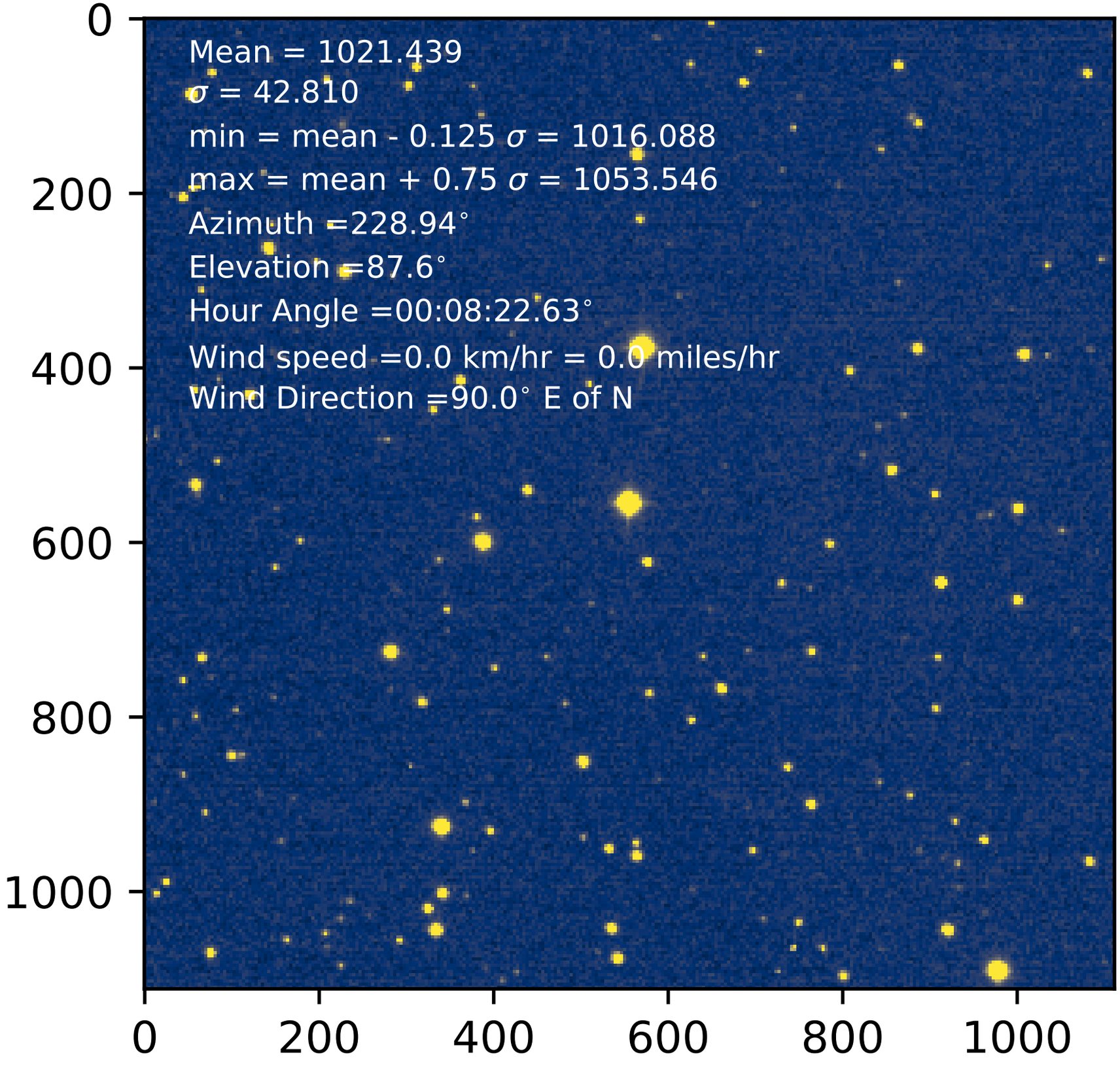

Mean = 1021.577
σ = 43.801
min = mean - 0.125 σ = 1016.102
max = mean + 0.75 σ = 1054.427
Azimuth =212.78°
Elevation =88.11°
Hour Angle =00:04:44.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

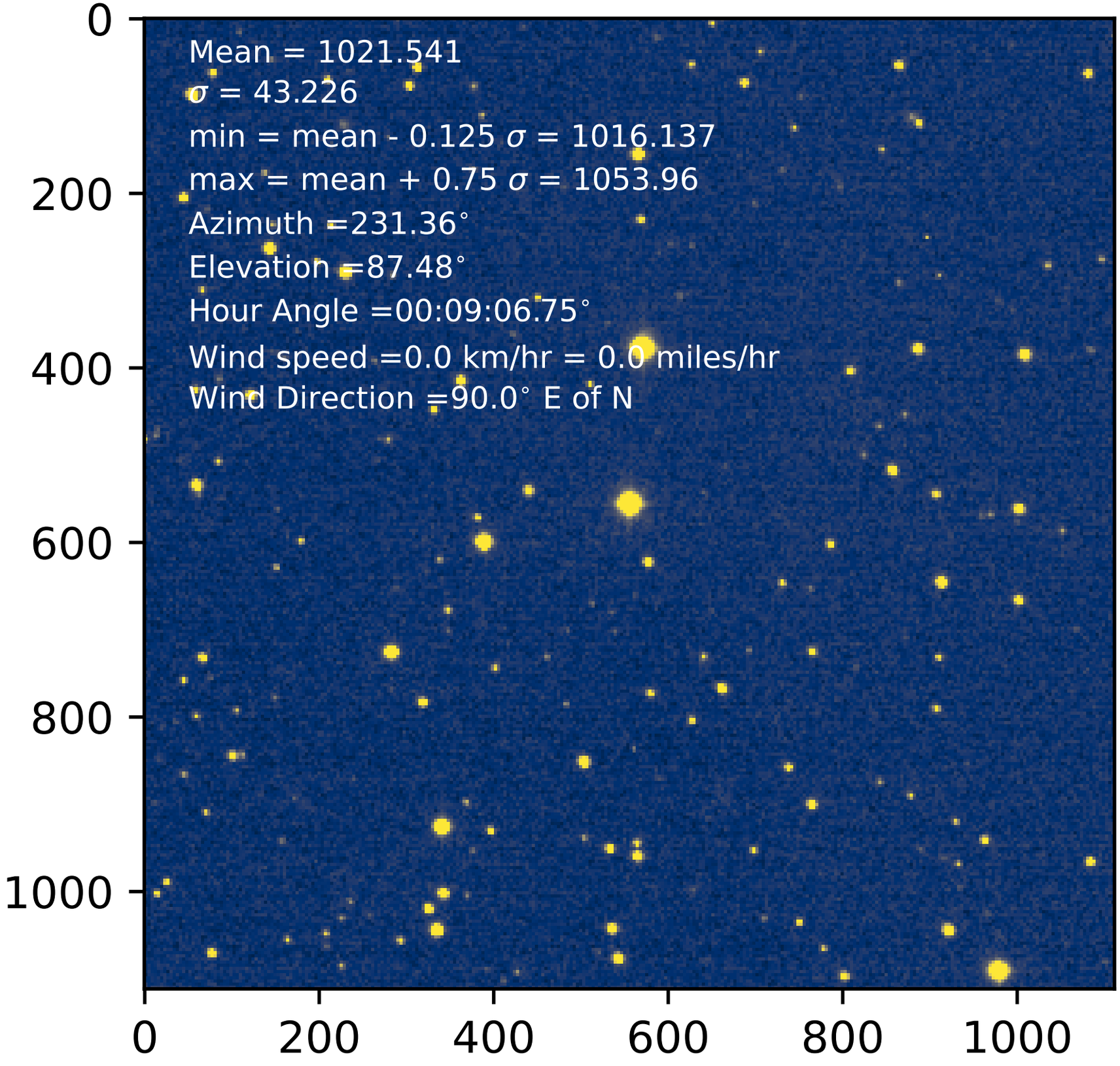

Mean = 1021.617
σ = 44.150
min = mean - 0.125 σ = 1016.098
max = mean + 0.75 σ = 1054.73
Azimuth =216.68°
Elevation =88.02°
Hour Angle =00:05:28.15°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

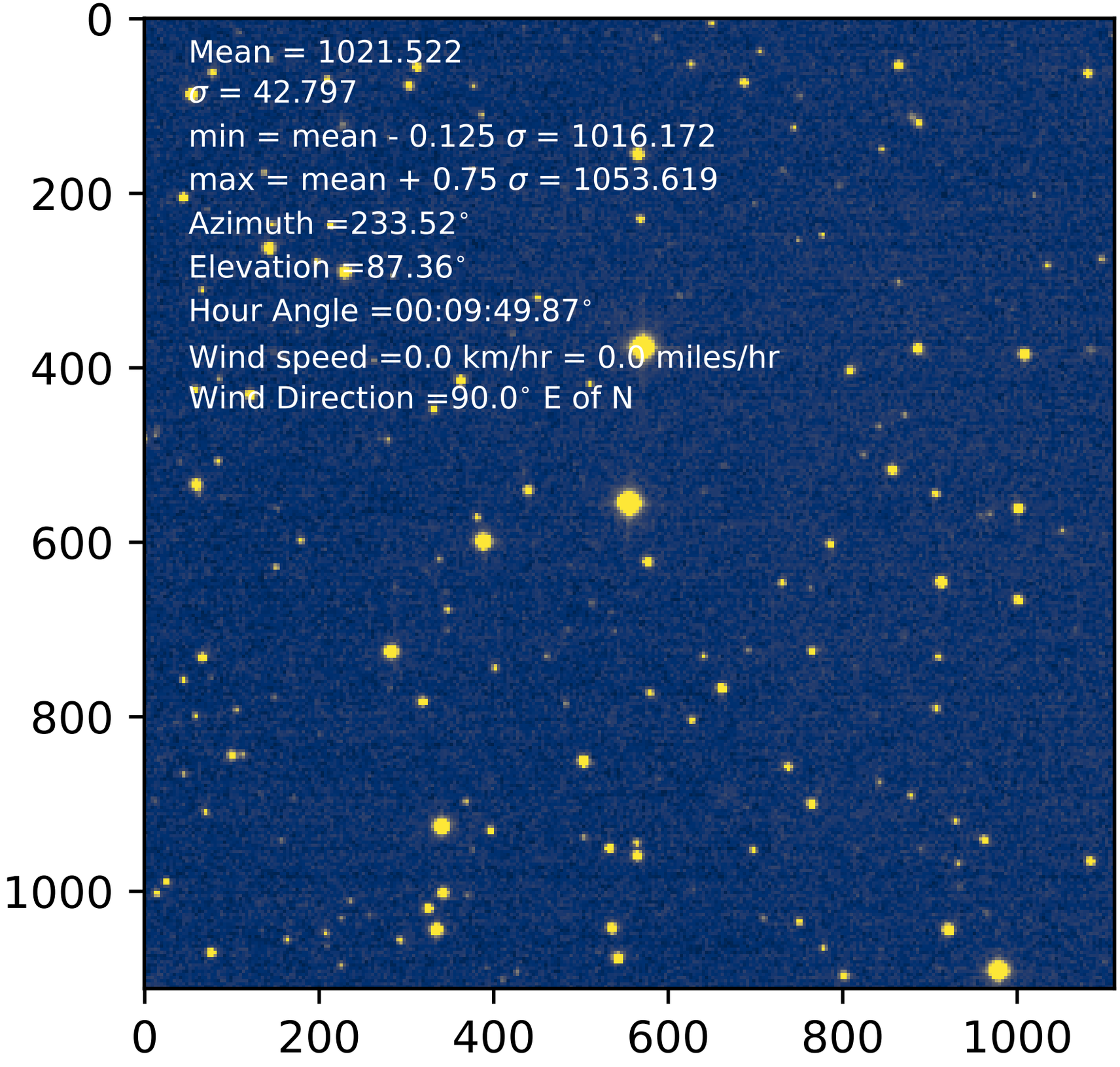

Mean = 1021.503
σ = 43.561
min = mean - 0.125 σ = 1016.057
max = mean + 0.75 σ = 1054.173
Azimuth =220.23°
Elevation =87.92°
Hour Angle =00:06:12.27°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

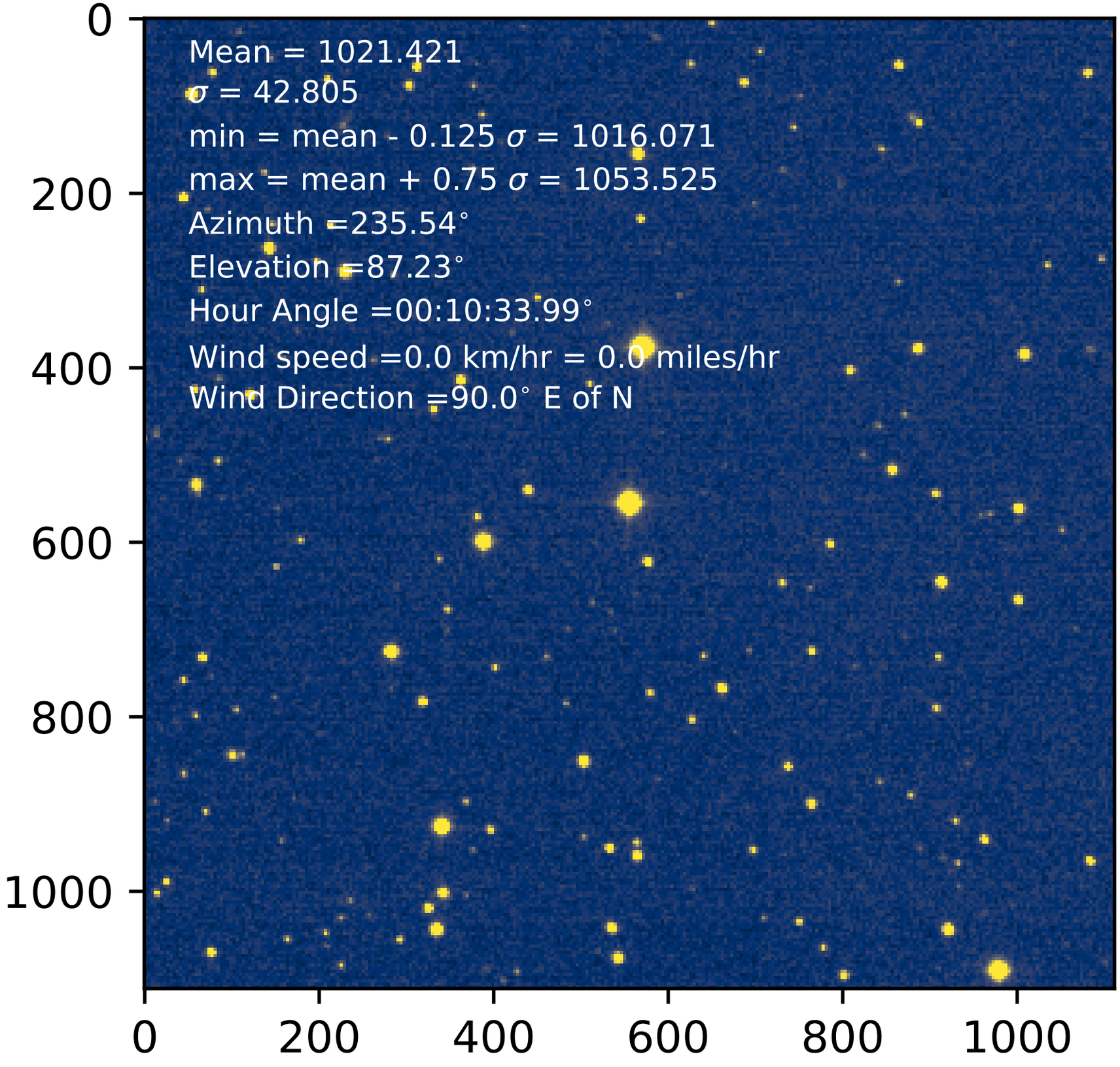

Mean = 1021.441
σ = 43.865
min = mean - 0.125 σ = 1015.958
max = mean + 0.75 σ = 1054.34
Azimuth =223.39°
Elevation =87.82°
Hour Angle =00:06:55.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

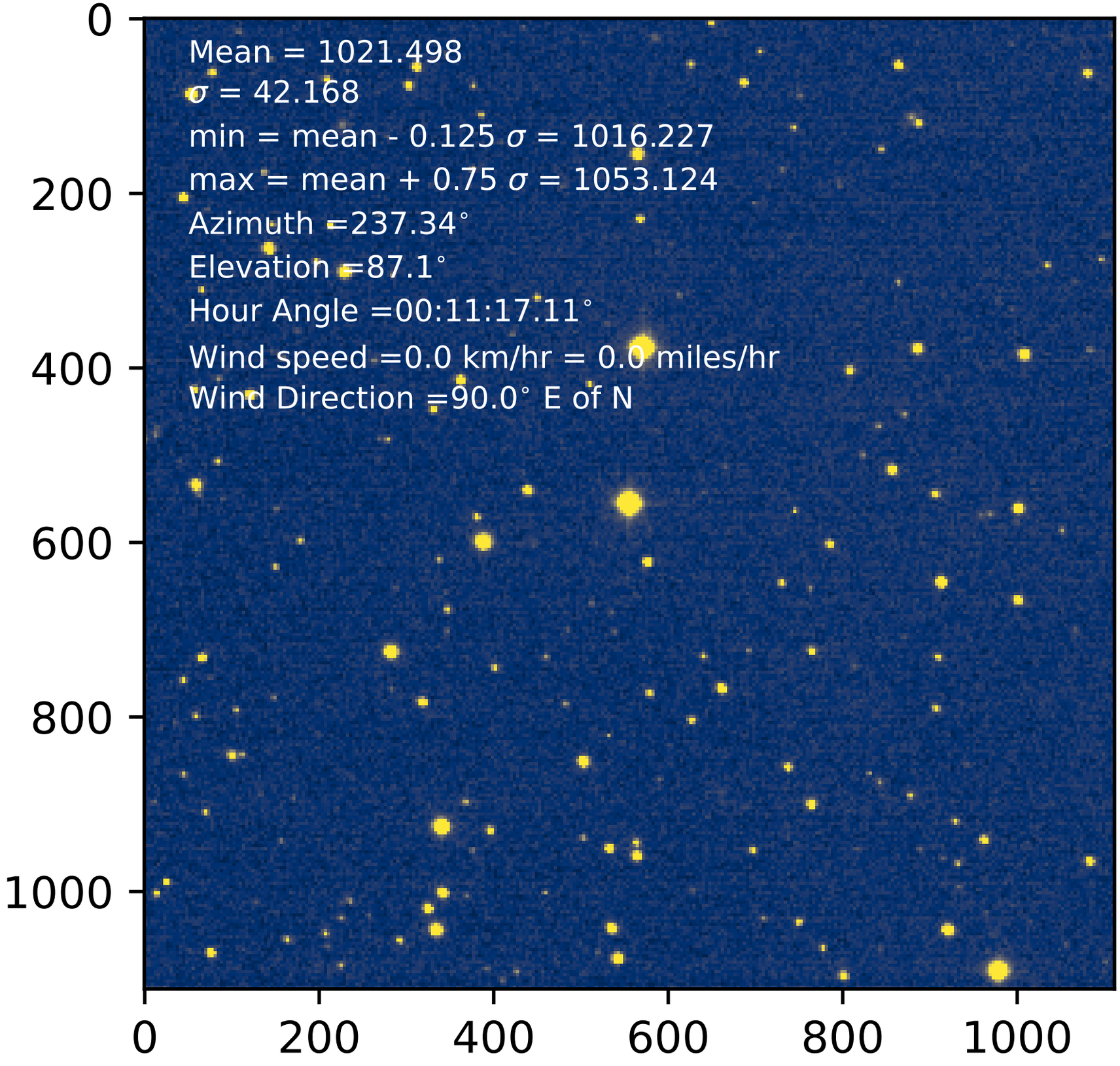

Mean = 1021.484
σ = 43.584
min = mean - 0.125 σ = 1016.036
max = mean + 0.75 σ = 1054.172
Azimuth =226.33°
Elevation =87.71°
Hour Angle =00:07:39.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

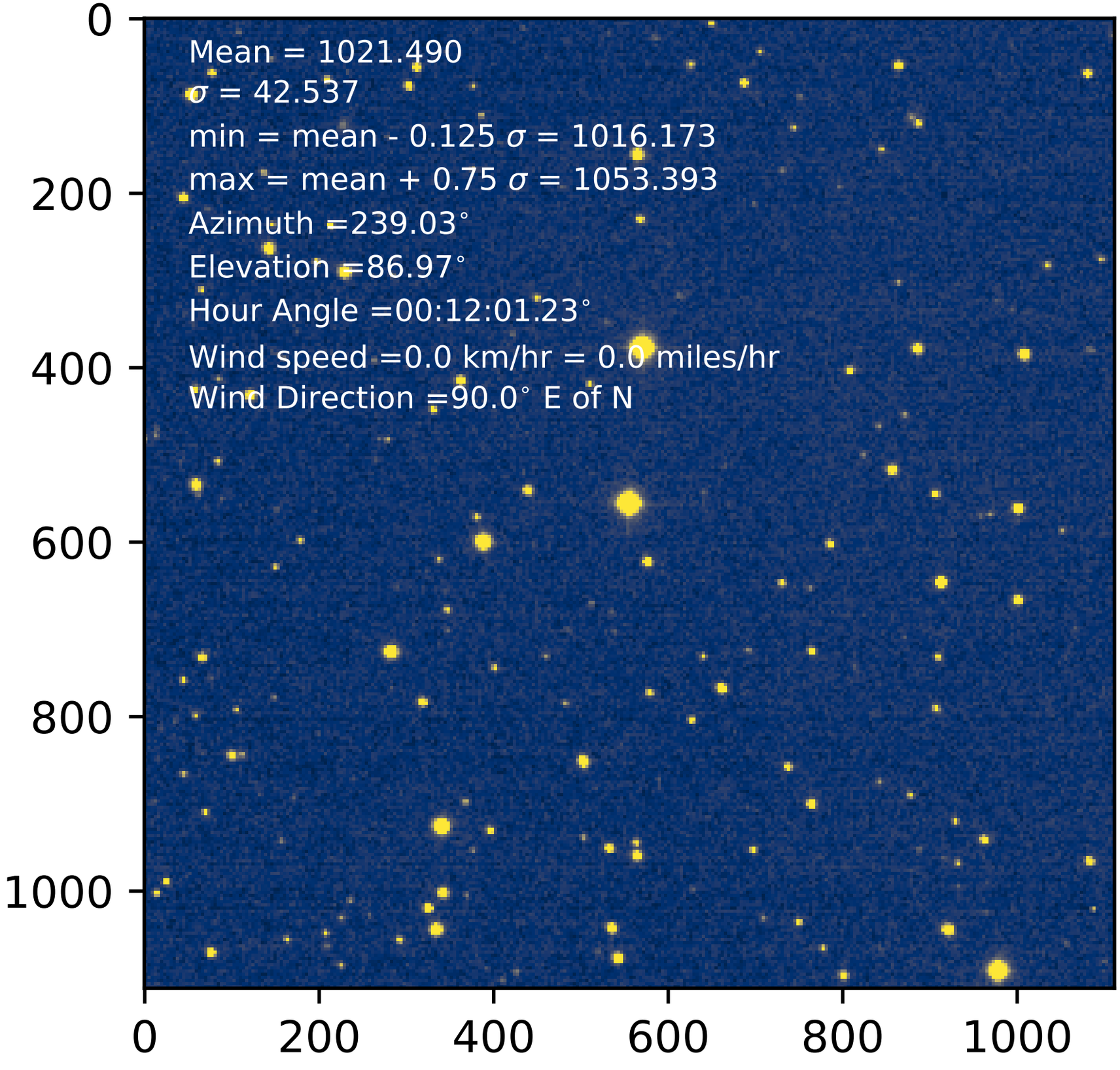

Mean = 1021.439
σ = 42.810
min = mean - 0.125 σ = 1016.088
max = mean + 0.75 σ = 1053.546
Azimuth =228.94°
Elevation =87.6°
Hour Angle =00:08:22.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

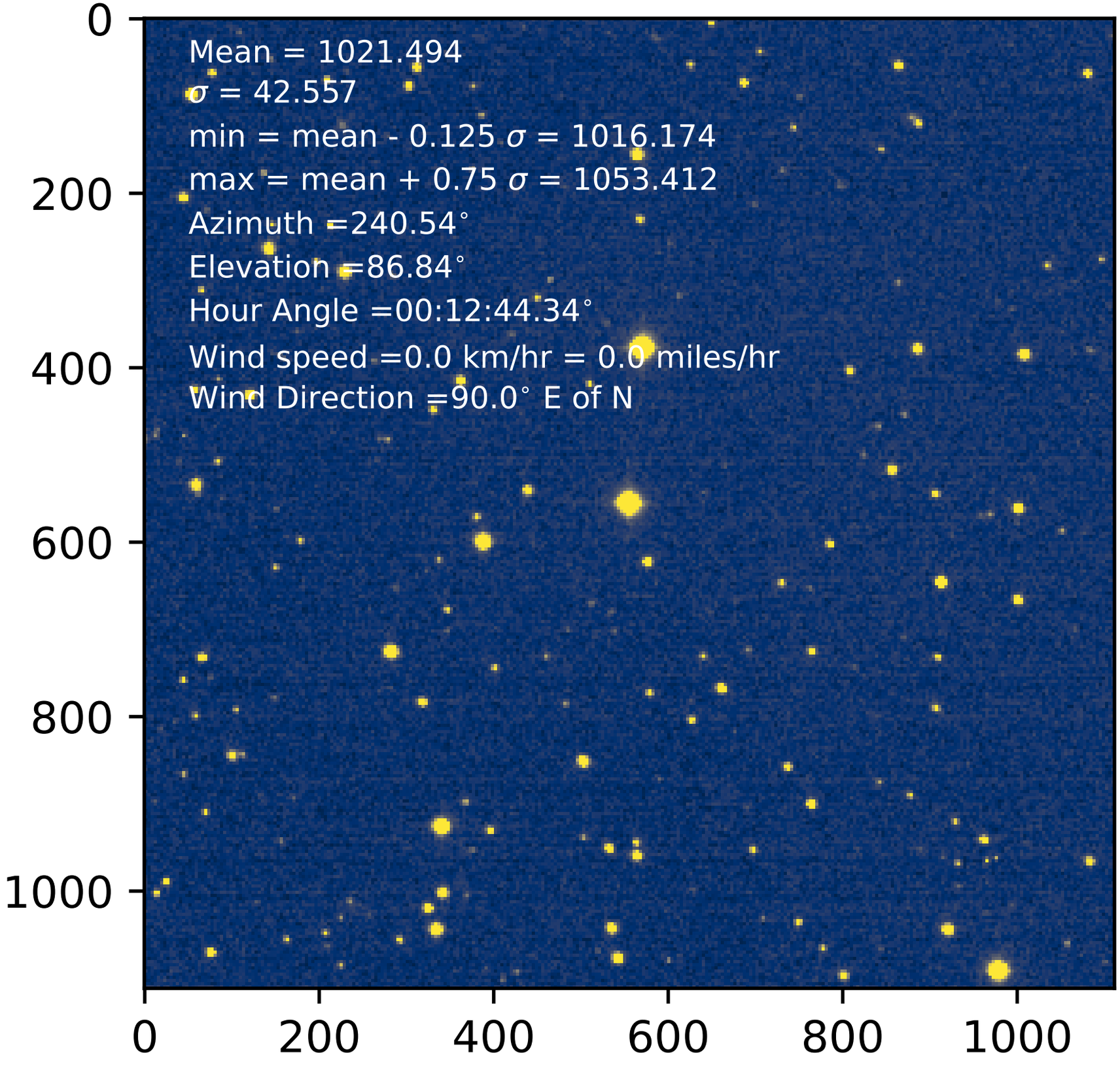

Mean = 1021.541
σ = 43.226
min = mean - 0.125 σ = 1016.137
max = mean + 0.75 σ = 1053.96
Azimuth =231.36°
Elevation =87.48°
Hour Angle =00:09:06.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

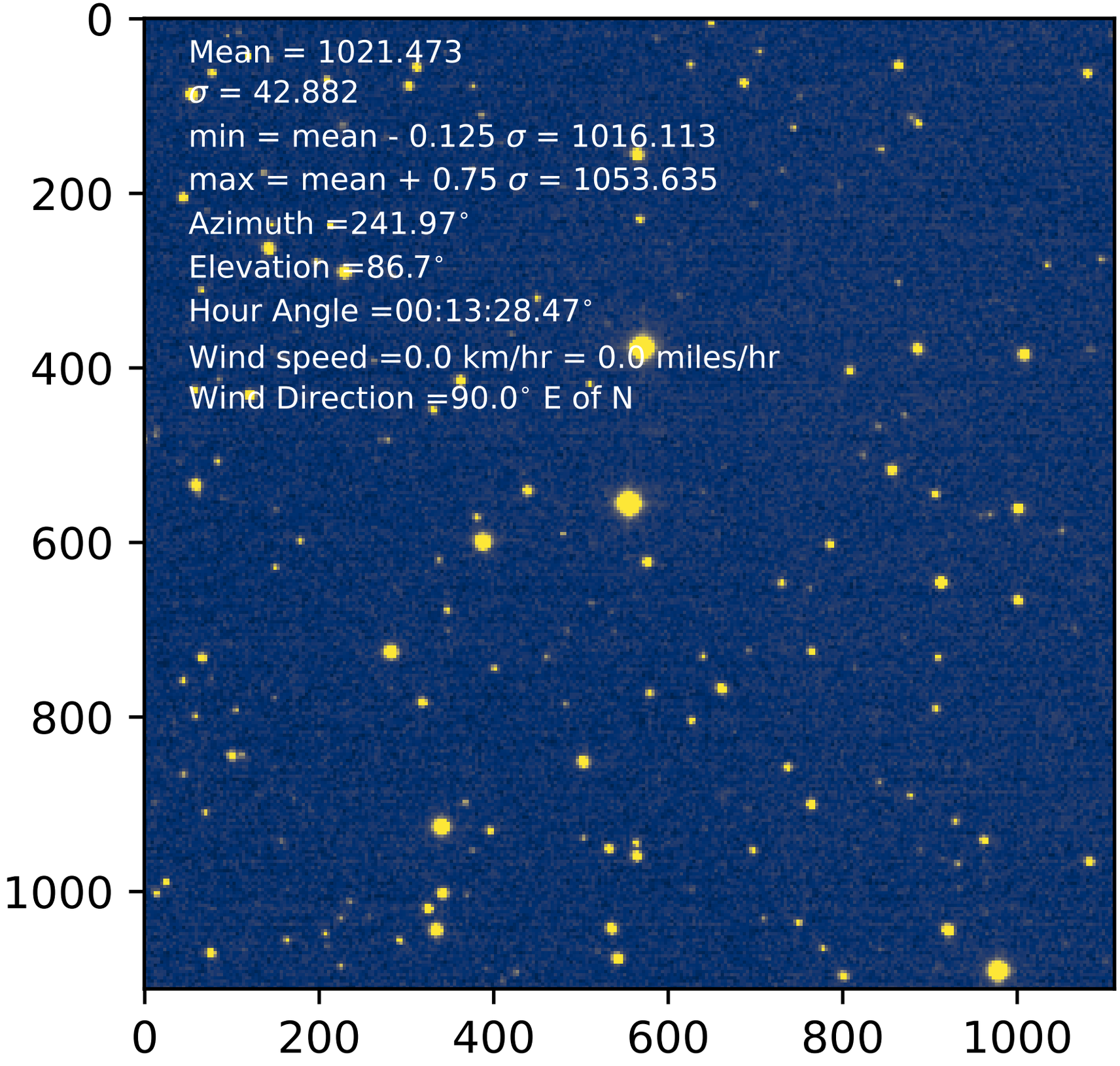

Mean = 1021.522
σ = 42.797
min = mean - 0.125 σ = 1016.172
max = mean + 0.75 σ = 1053.619
Azimuth =233.52°
Elevation =87.36°
Hour Angle =00:09:49.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

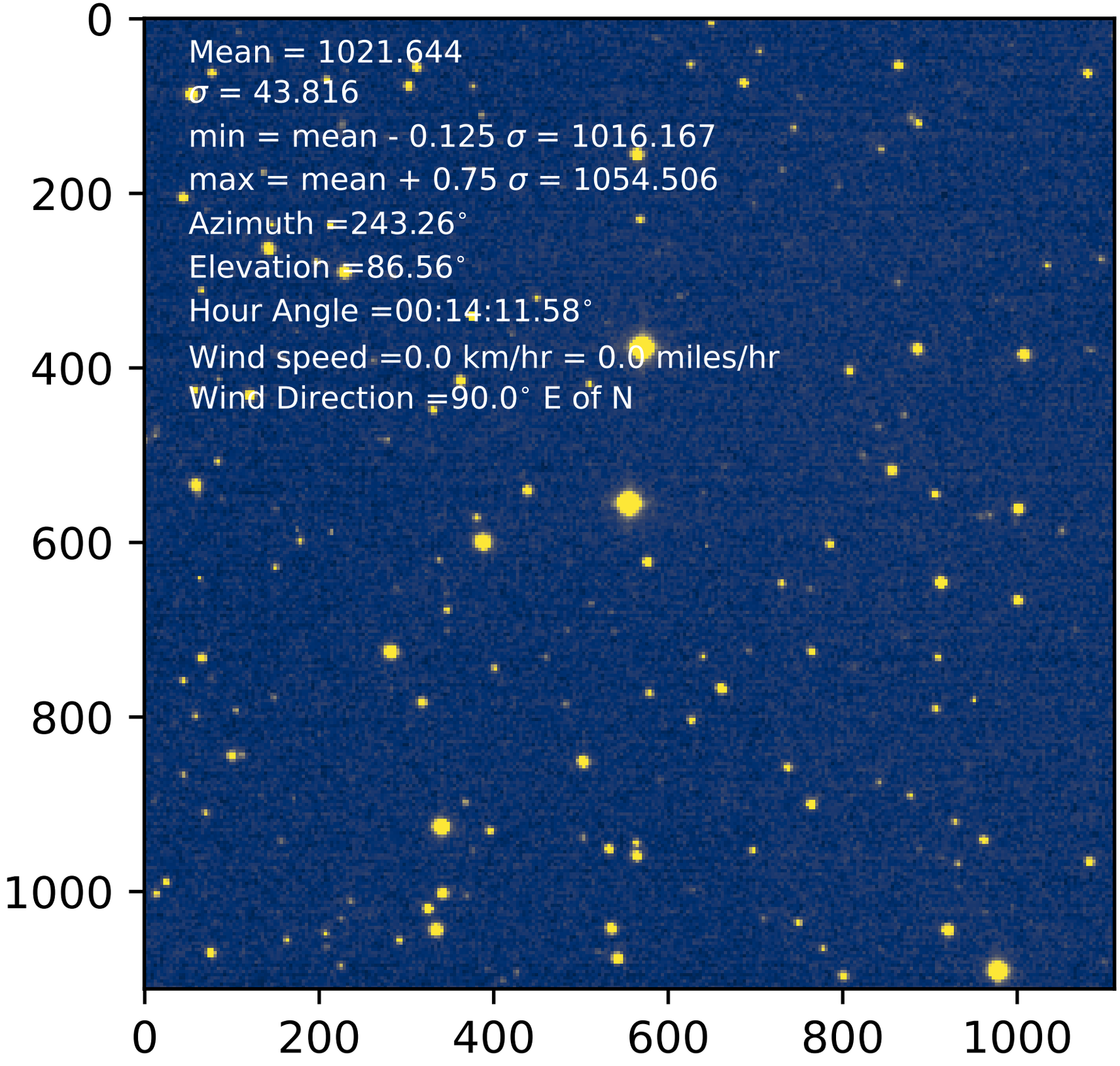

Mean = 1021.421
σ = 42.805
min = mean - 0.125 σ = 1016.071
max = mean + 0.75 σ = 1053.525
Azimuth =235.54°
Elevation =87.23°
Hour Angle =00:10:33.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.498
σ = 42.168
min = mean - 0.125 σ = 1016.227
max = mean + 0.75 σ = 1053.124
Azimuth =237.34°
Elevation =87.1°
Hour Angle =00:11:17.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.490
σ = 42.537
min = mean - 0.125 σ = 1016.173
max = mean + 0.75 σ = 1053.393
Azimuth =239.03°
Elevation =86.97°
Hour Angle =00:12:01.23°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.494
σ = 42.557
min = mean - 0.125 σ = 1016.174
max = mean + 0.75 σ = 1053.412
Azimuth =240.54°
Elevation =86.84°
Hour Angle =00:12:44.34°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.473
σ = 42.882
min = mean - 0.125 σ = 1016.113
max = mean + 0.75 σ = 1053.635
Azimuth =241.97°
Elevation =86.7°
Hour Angle =00:13:28.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.644
σ = 43.816
min = mean - 0.125 σ = 1016.167
max = mean + 0.75 σ = 1054.506
Azimuth =243.26°
Elevation =86.56°
Hour Angle =00:14:11.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
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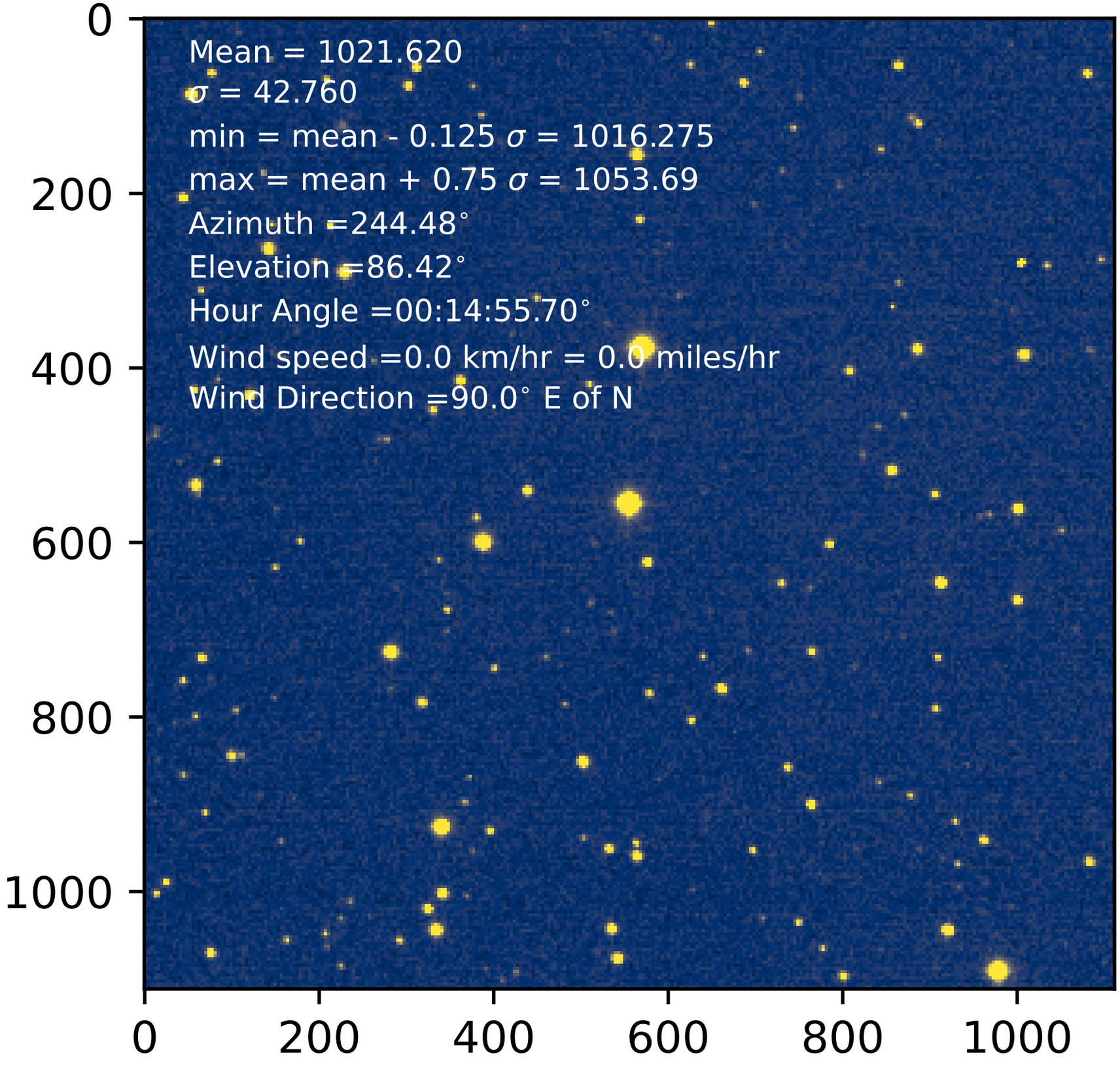
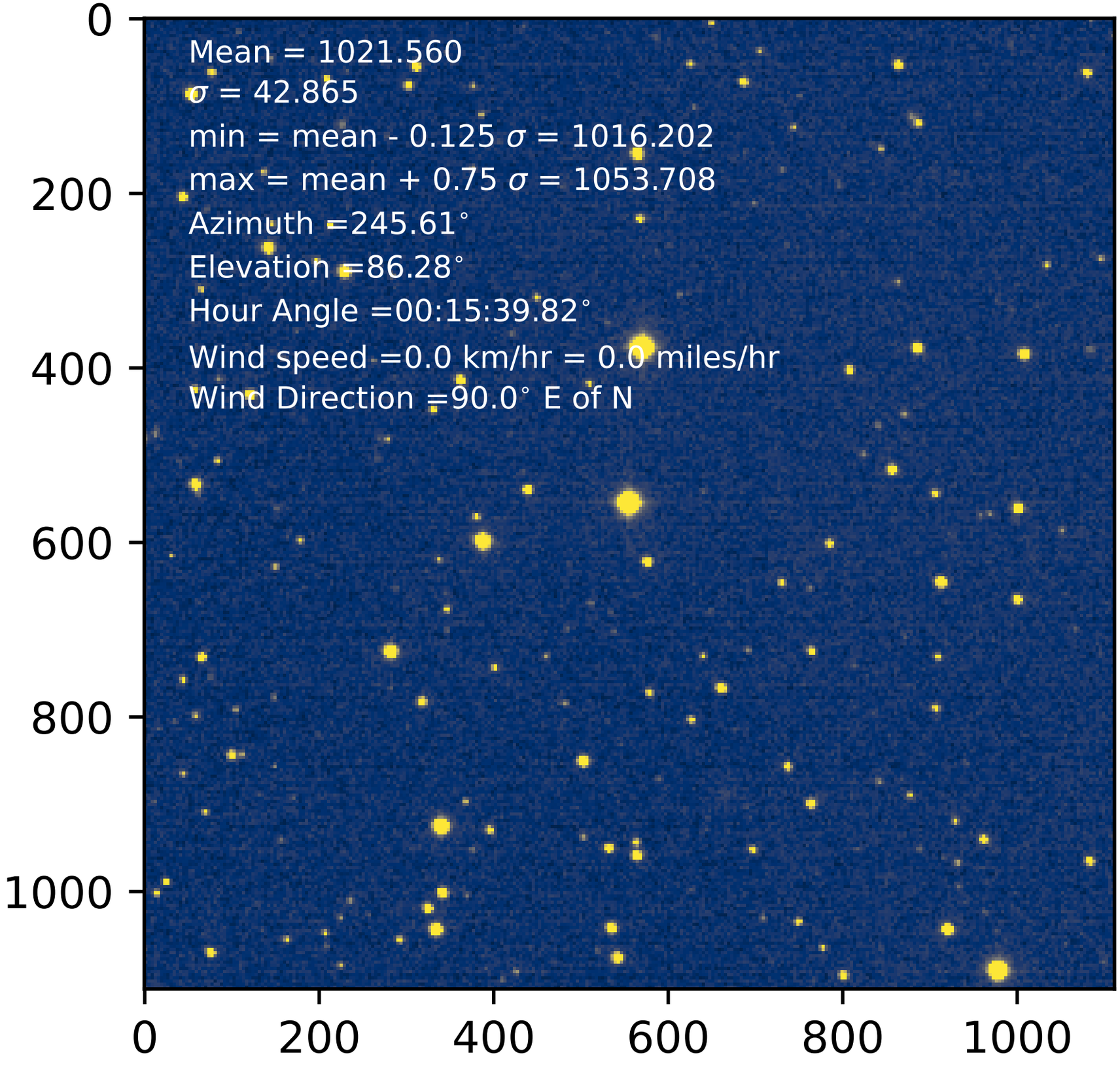
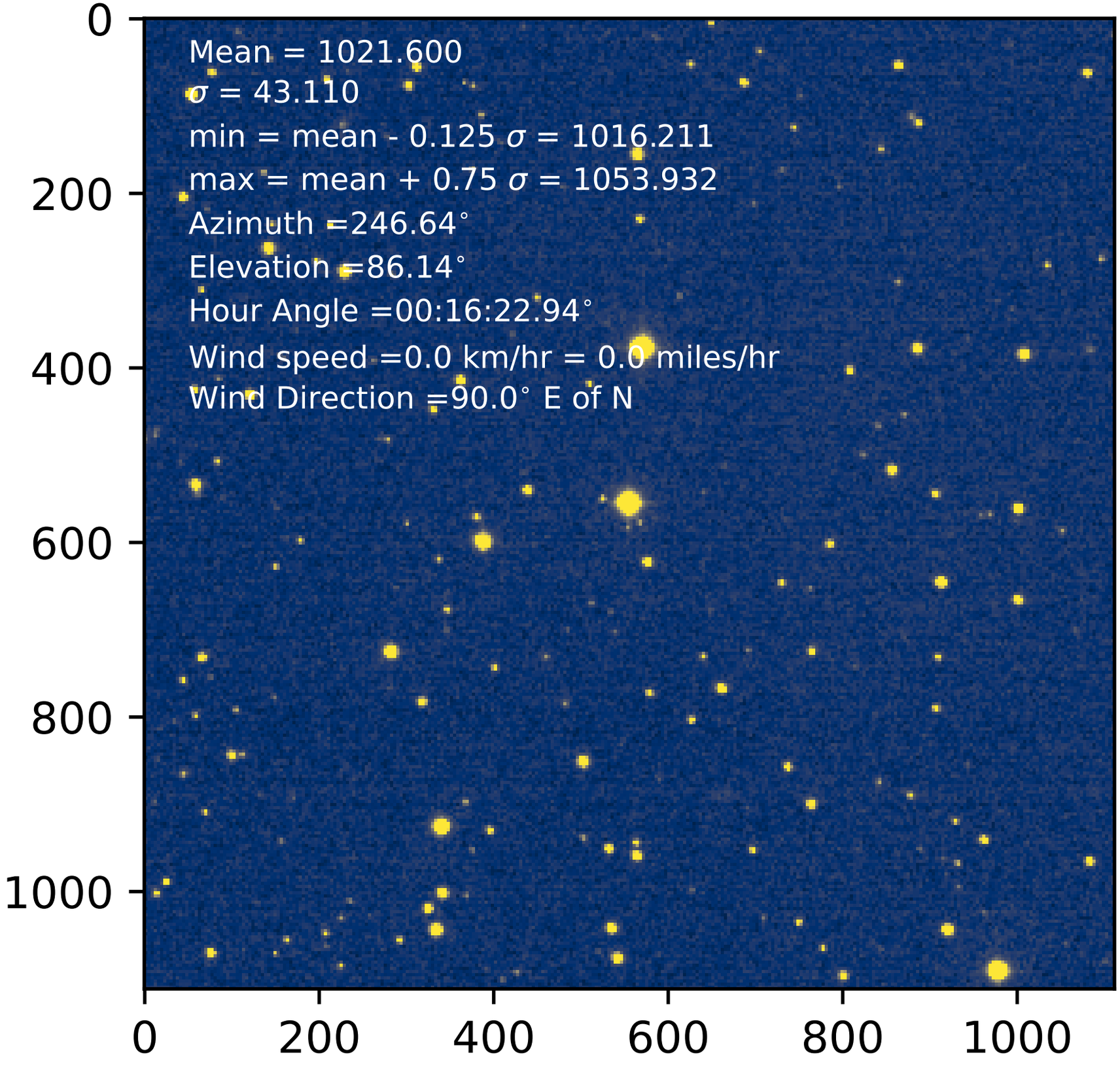
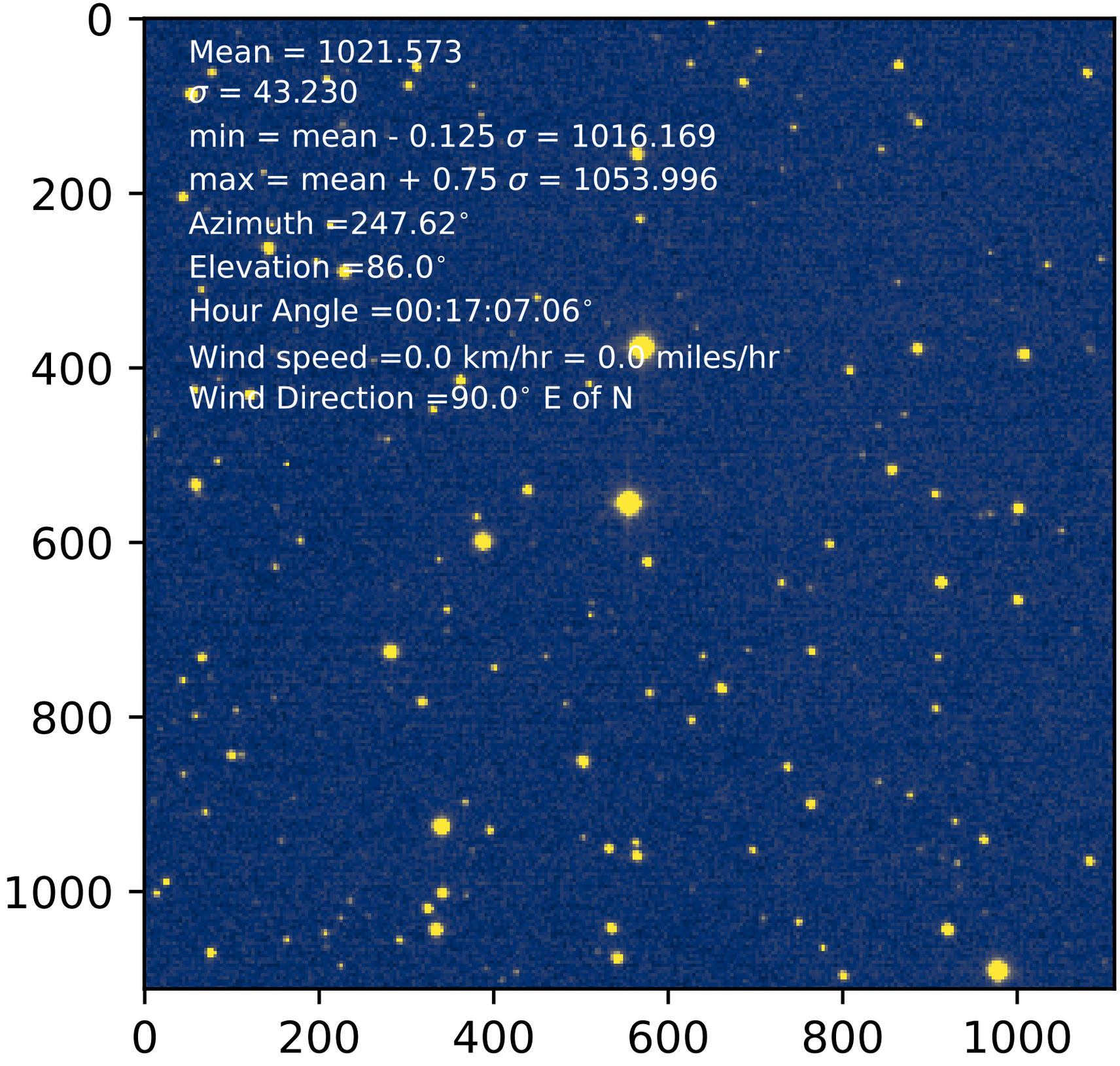
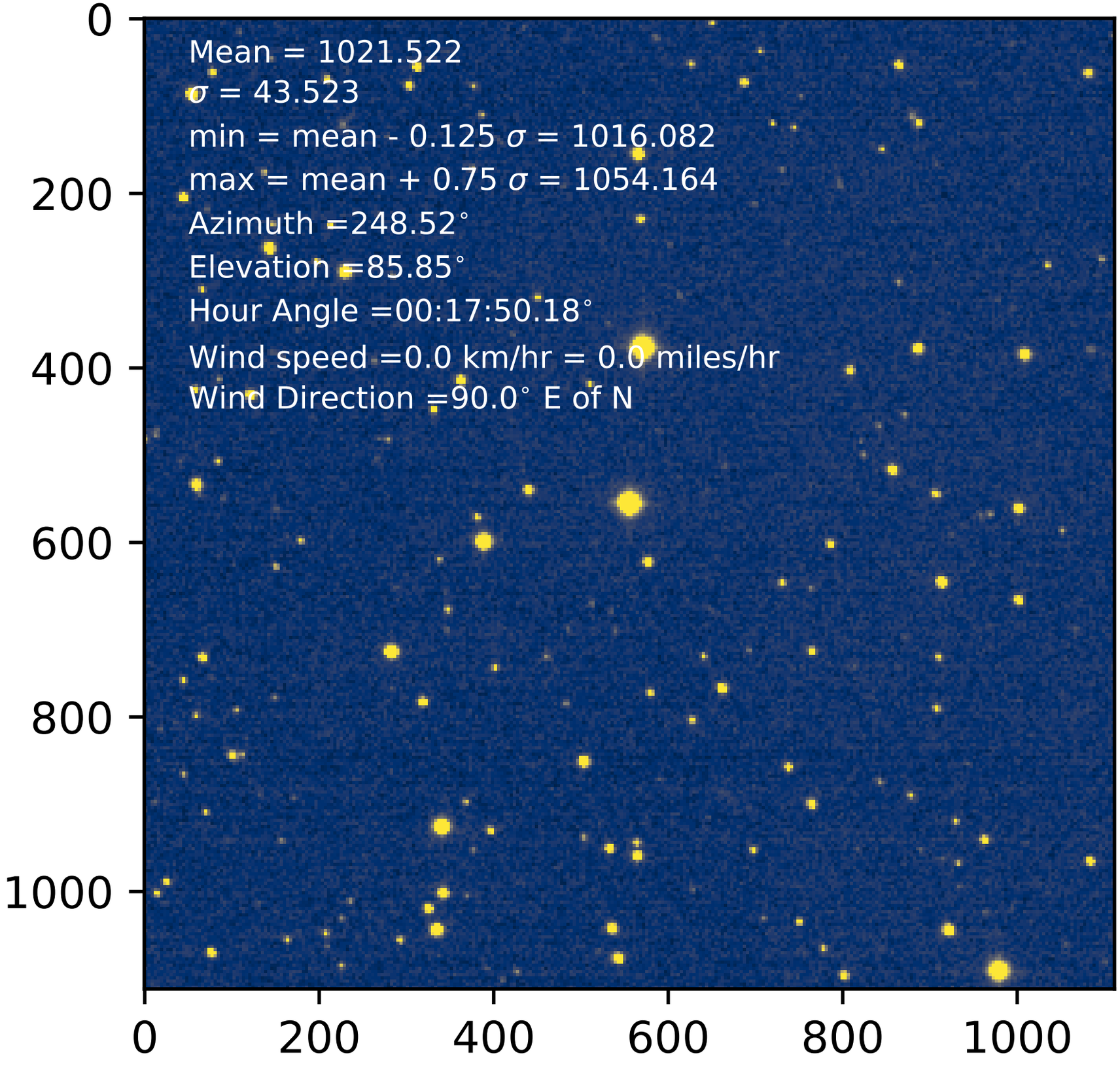
400
600
800
1000

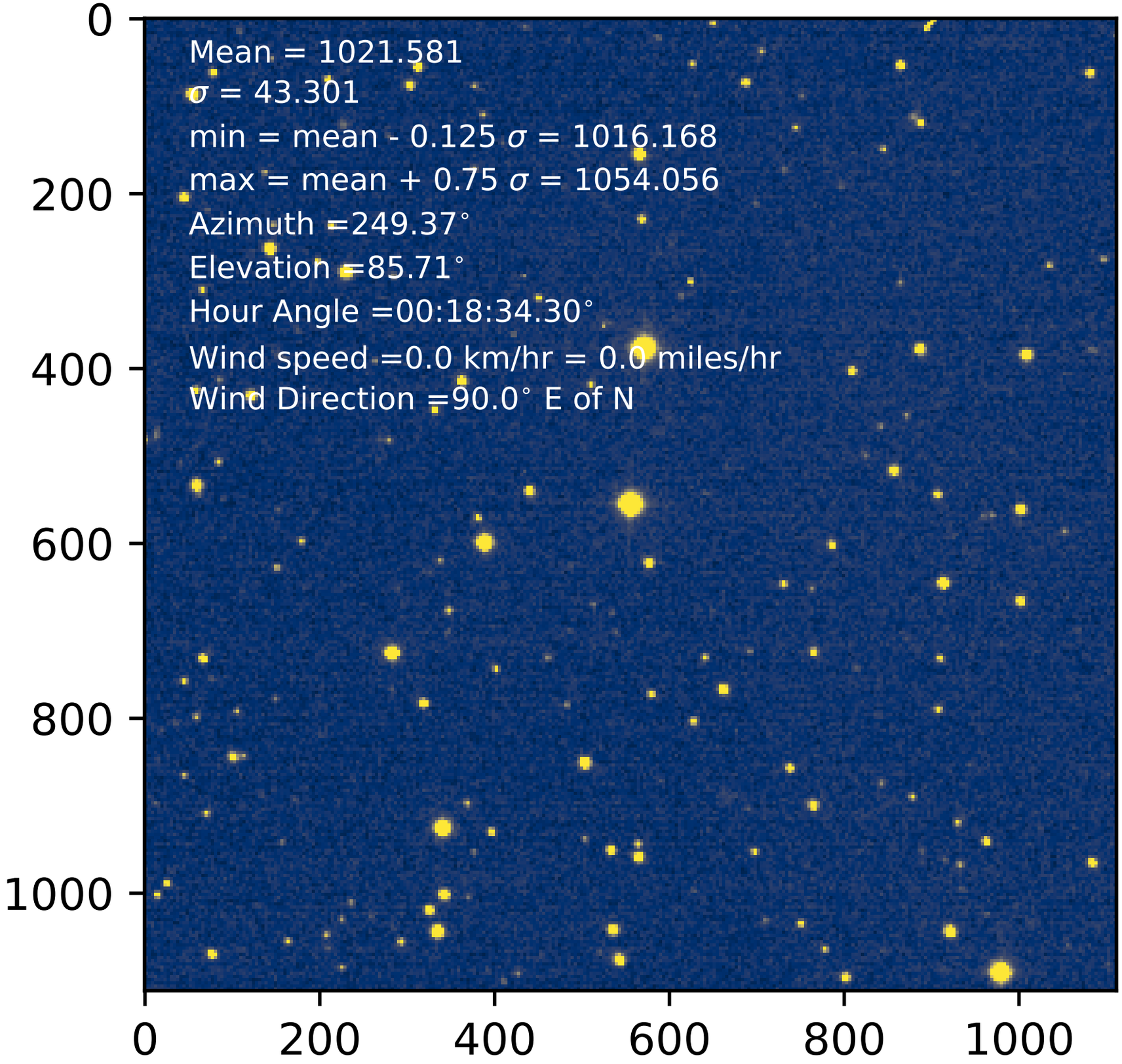

Mean = 1021.620
σ = 42.760
min = mean - 0.125 σ = 1016.275
max = mean + 0.75 σ = 1053.69
Azimuth =244.48°
Elevation =86.42°
Hour Angle =00:14:55.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

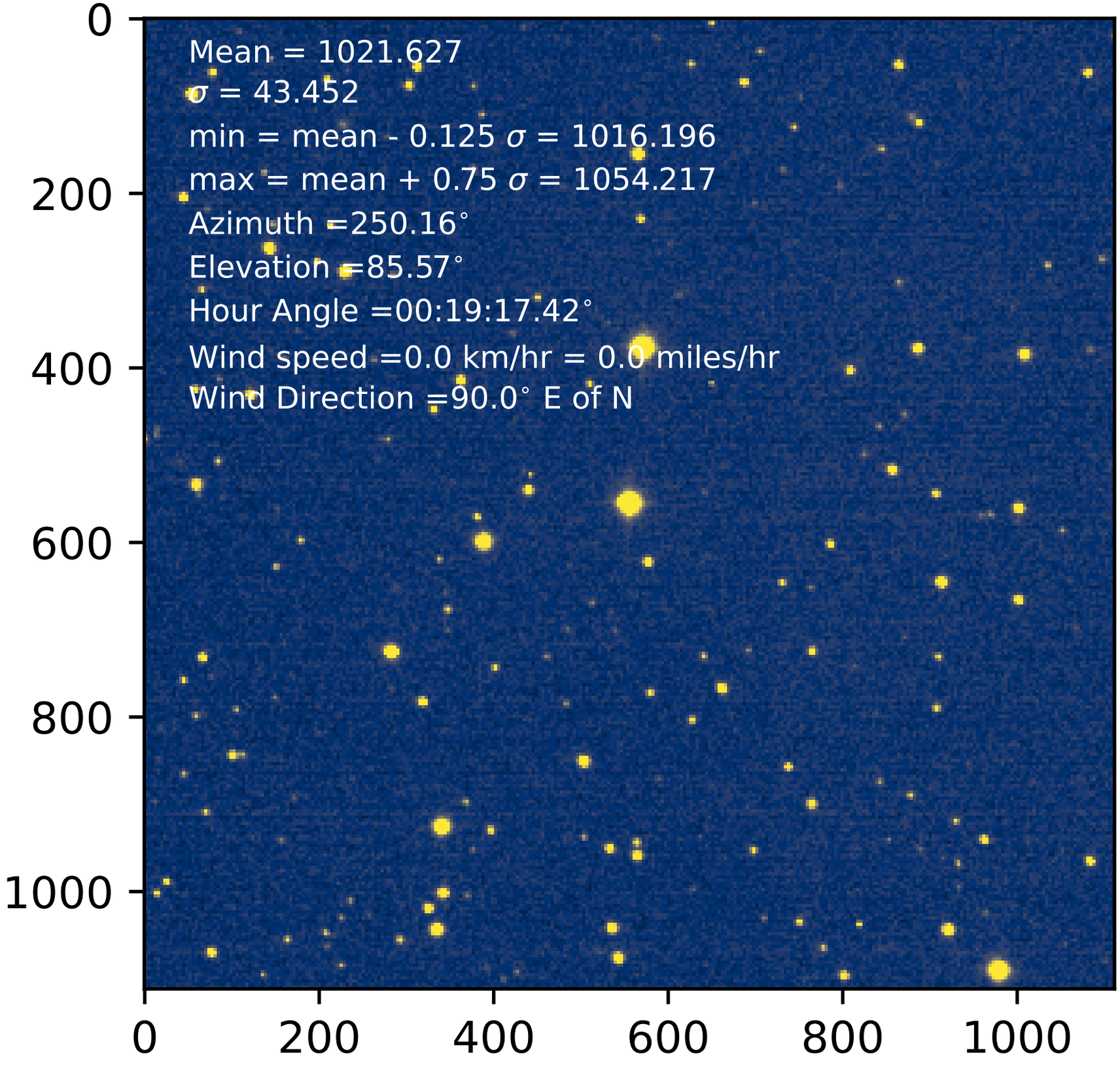

Mean = 1021.560
σ = 42.865
min = mean - 0.125 σ = 1016.202
max = mean + 0.75 σ = 1053.708
Azimuth =245.61°
Elevation =86.28°
Hour Angle =00:15:39.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

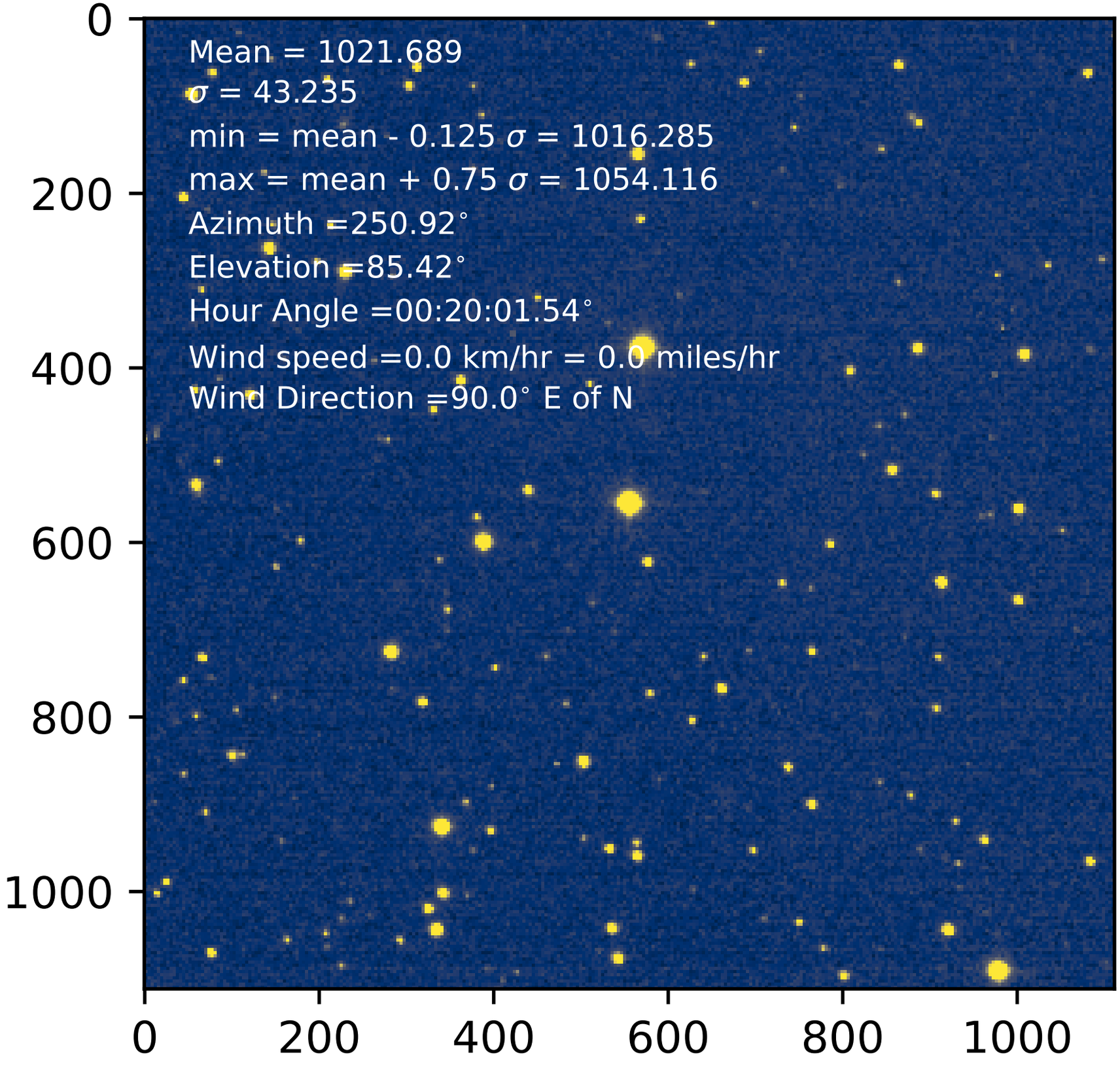

Mean = 1021.600
σ = 43.110
min = mean - 0.125 σ = 1016.211
max = mean + 0.75 σ = 1053.932
Azimuth =246.64°
Elevation =86.14°
Hour Angle =00:16:22.94°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

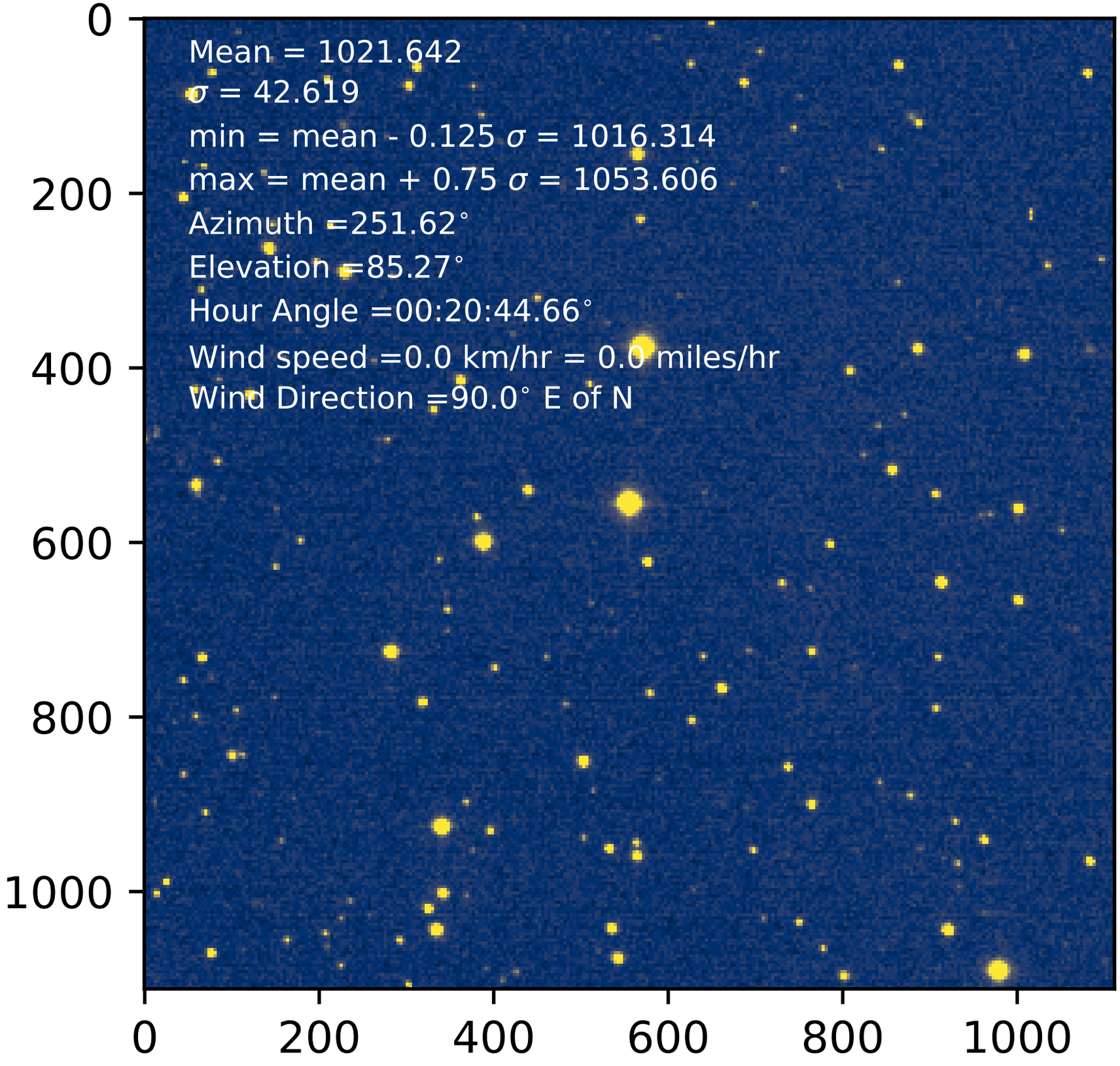

Mean = 1021.573
σ = 43.230
min = mean - 0.125 σ = 1016.169
max = mean + 0.75 σ = 1053.996
Azimuth =247.62°
Elevation =86.0°
Hour Angle =00:17:07.06°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

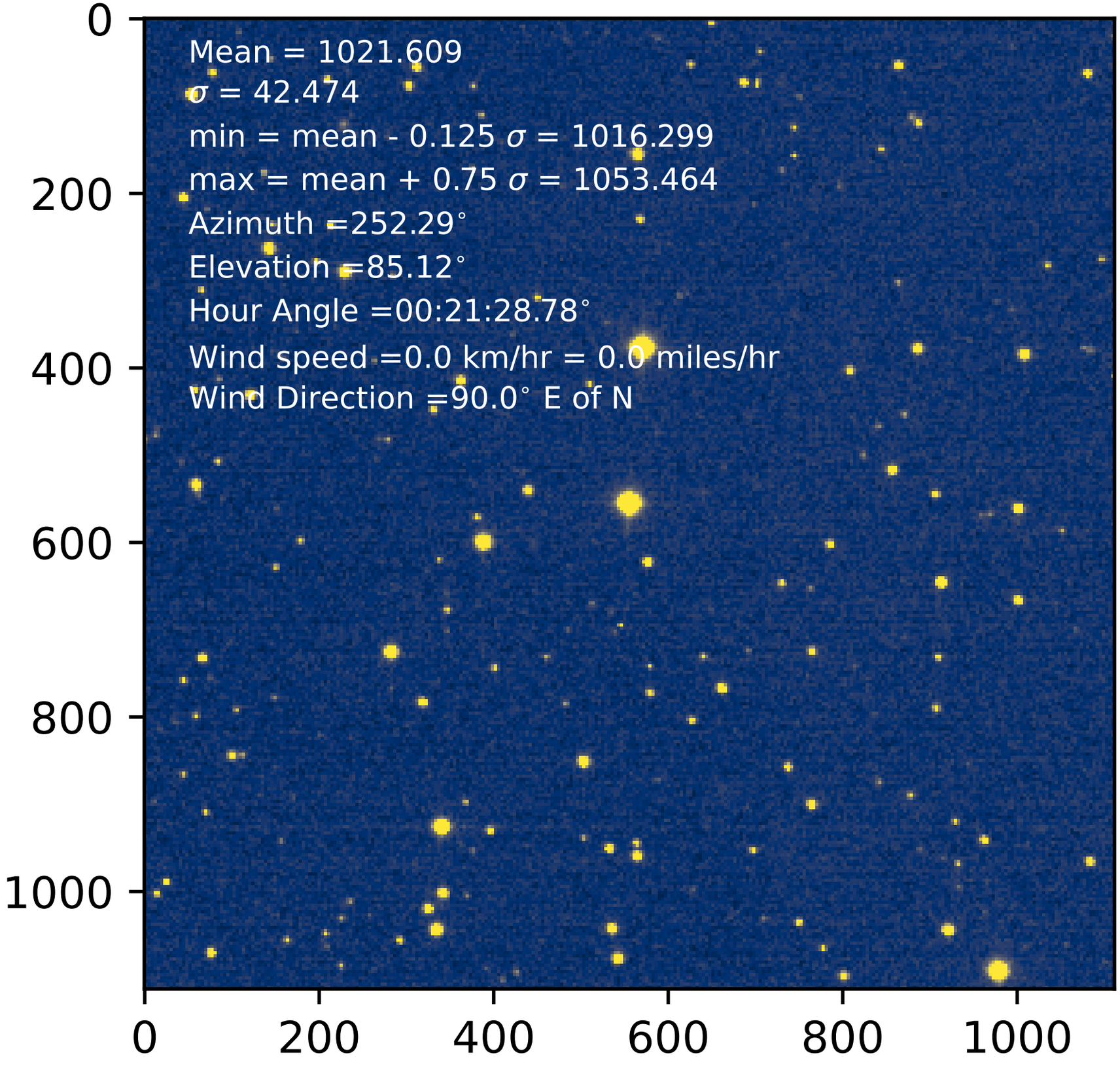

Mean = 1021.522
σ = 43.523
min = mean - 0.125 σ = 1016.082
max = mean + 0.75 σ = 1054.164
Azimuth =248.52°
Elevation =85.85°
Hour Angle =00:17:50.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

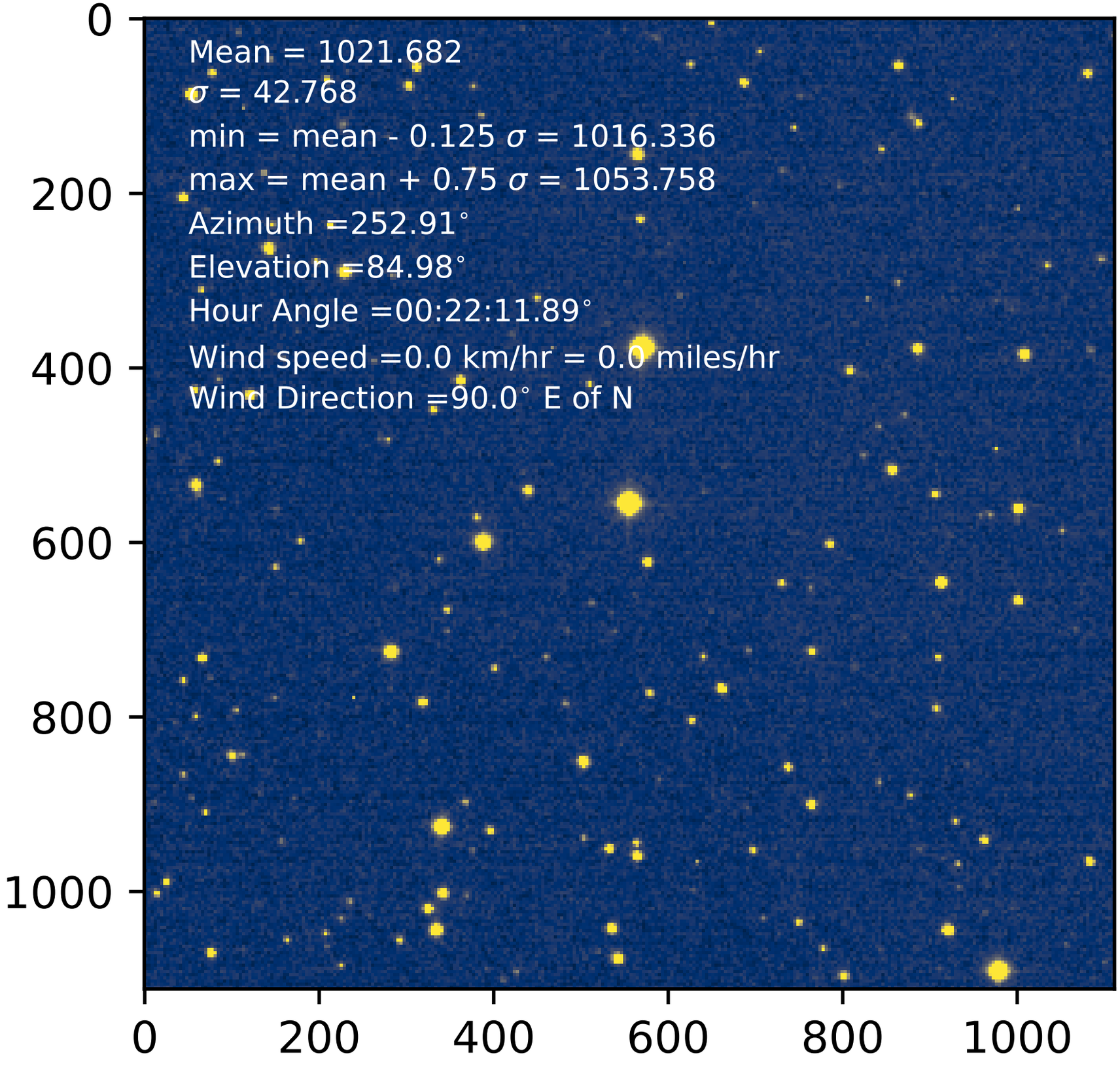

Mean = 1021.581
σ = 43.301
min = mean - 0.125 σ = 1016.168
max = mean + 0.75 σ = 1054.056
Azimuth =249.37°
Elevation =85.71°
Hour Angle =00:18:34.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

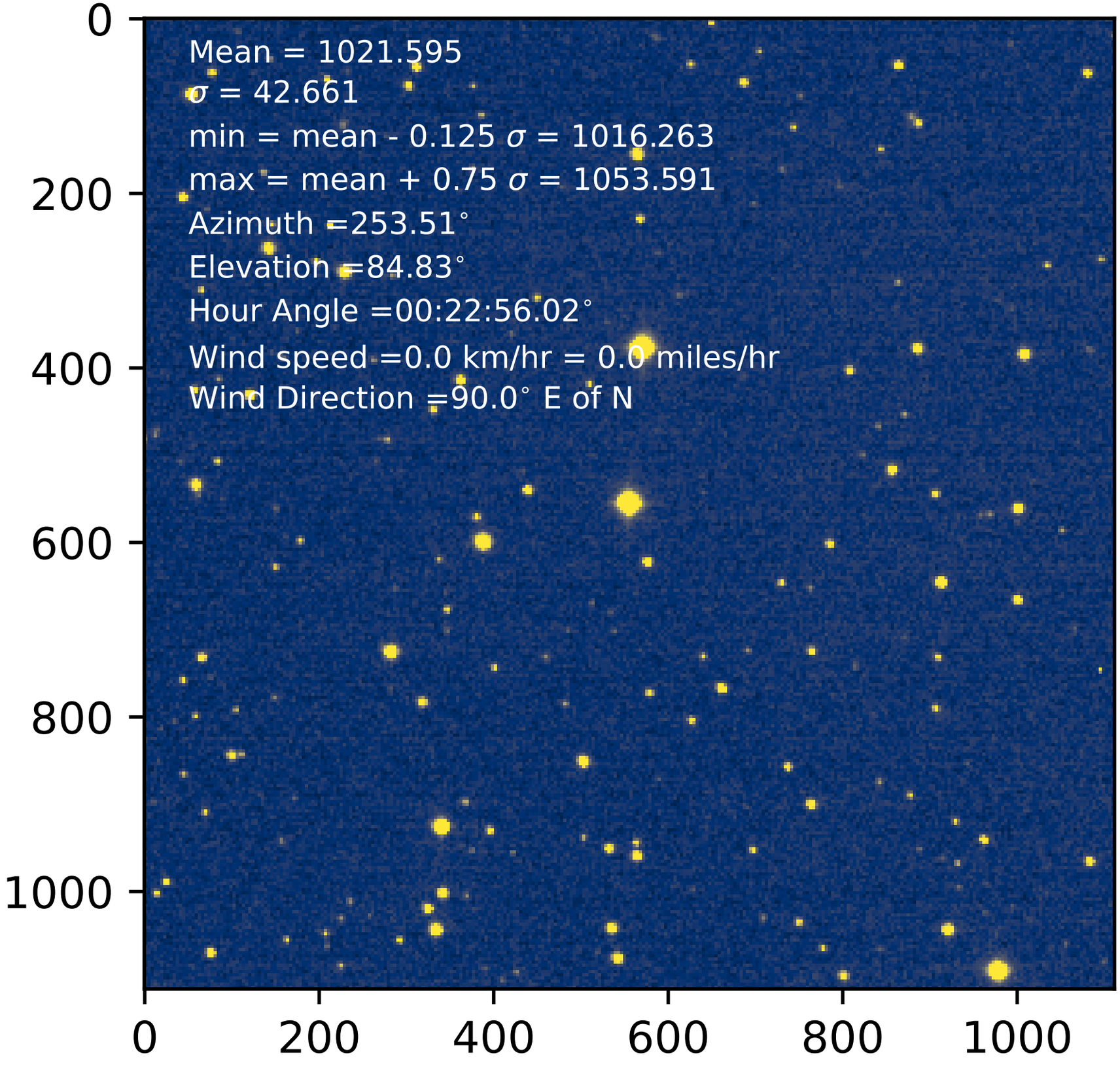

Mean = 1021.627
σ = 43.452
min = mean - 0.125 σ = 1016.196
max = mean + 0.75 σ = 1054.217
Azimuth =250.16°
Elevation =85.57°
Hour Angle =00:19:17.42°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

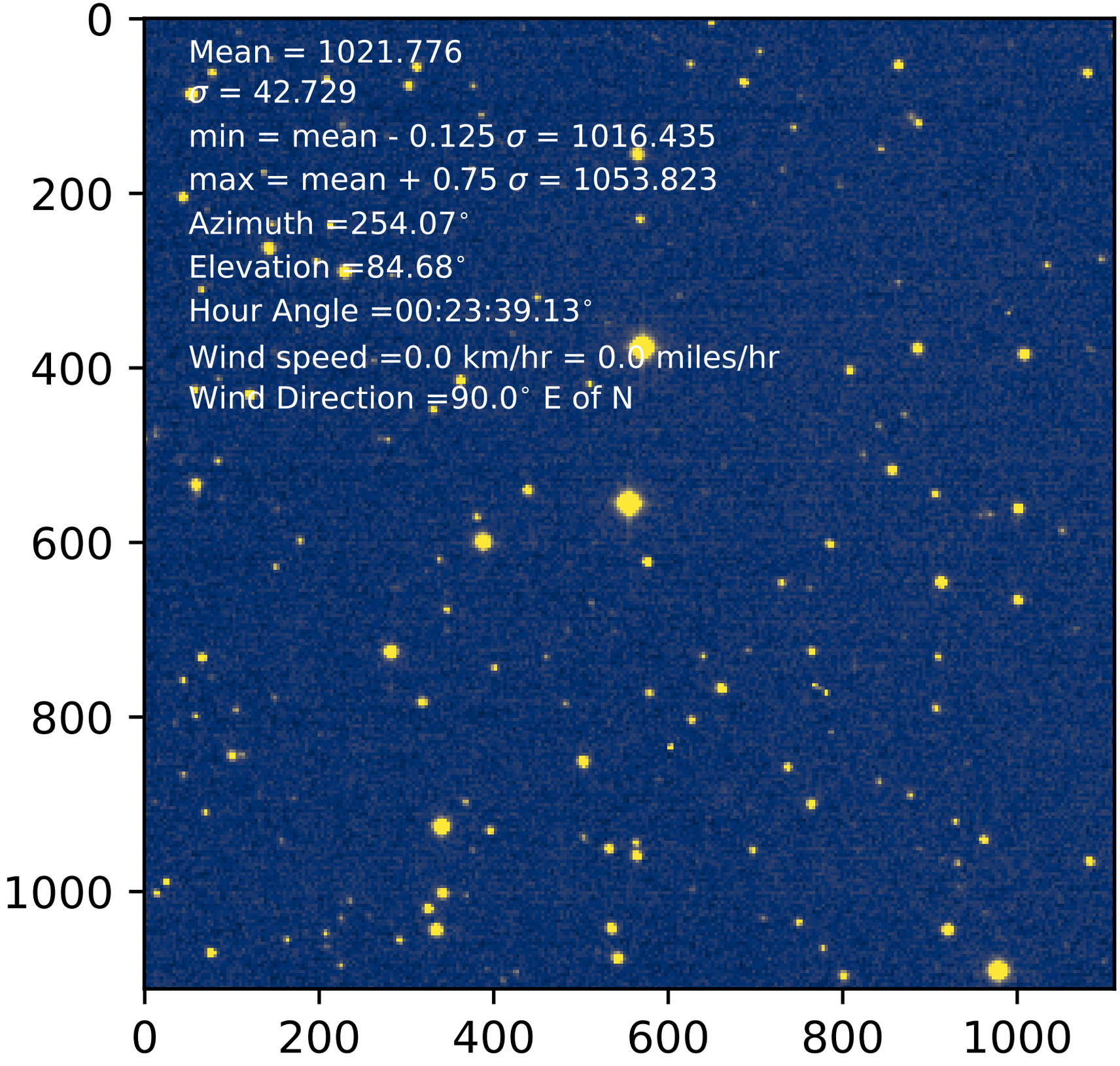

Mean = 1021.689
σ = 43.235
min = mean - 0.125 σ = 1016.285
max = mean + 0.75 σ = 1054.116
Azimuth =250.92°
Elevation =85.42°
Hour Angle =00:20:01.54°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

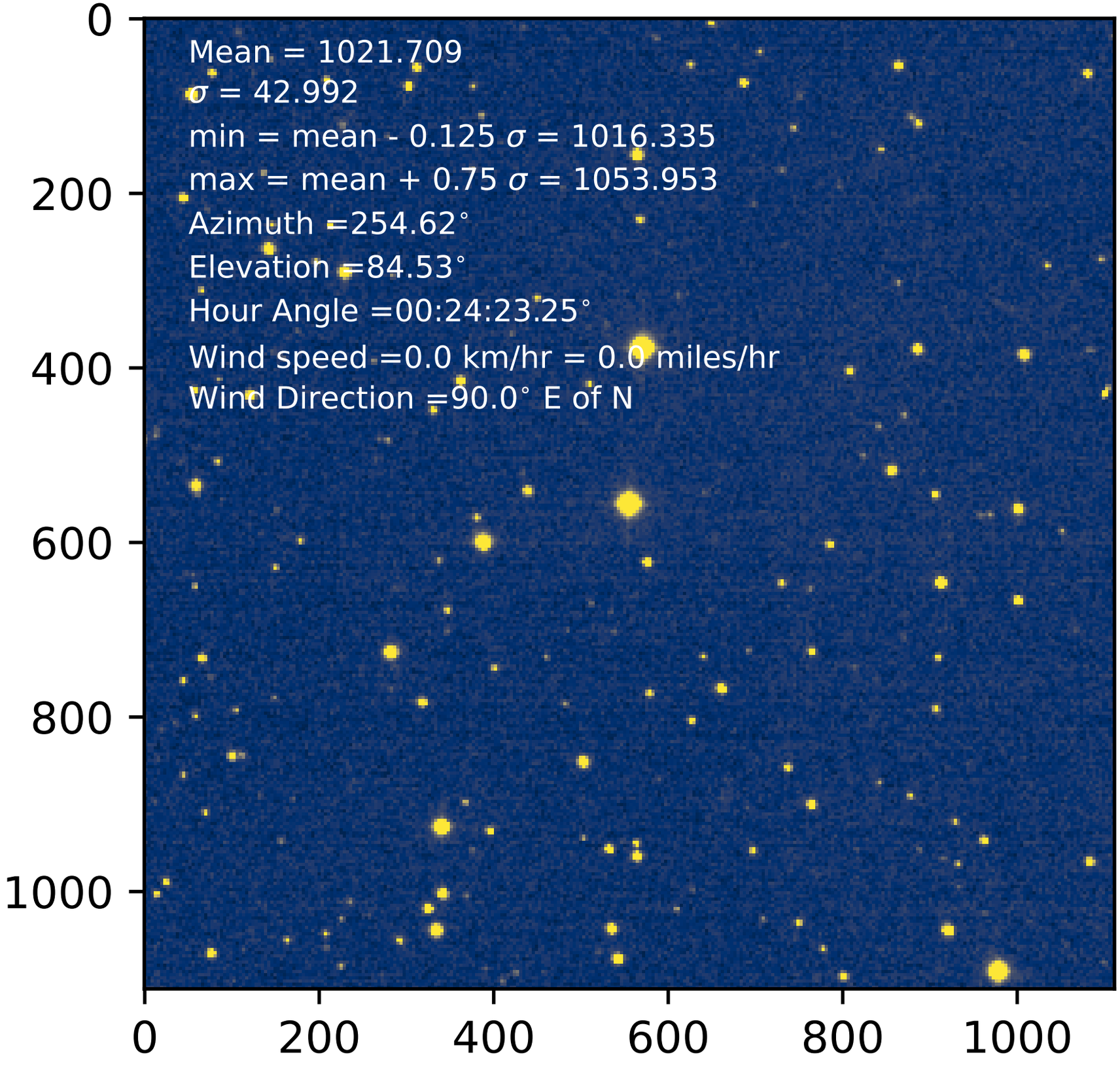

Mean = 1021.642
σ = 42.619
min = mean - 0.125 σ = 1016.314
max = mean + 0.75 σ = 1053.606
Azimuth =251.62°
Elevation =85.27°
Hour Angle =00:20:44.66°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

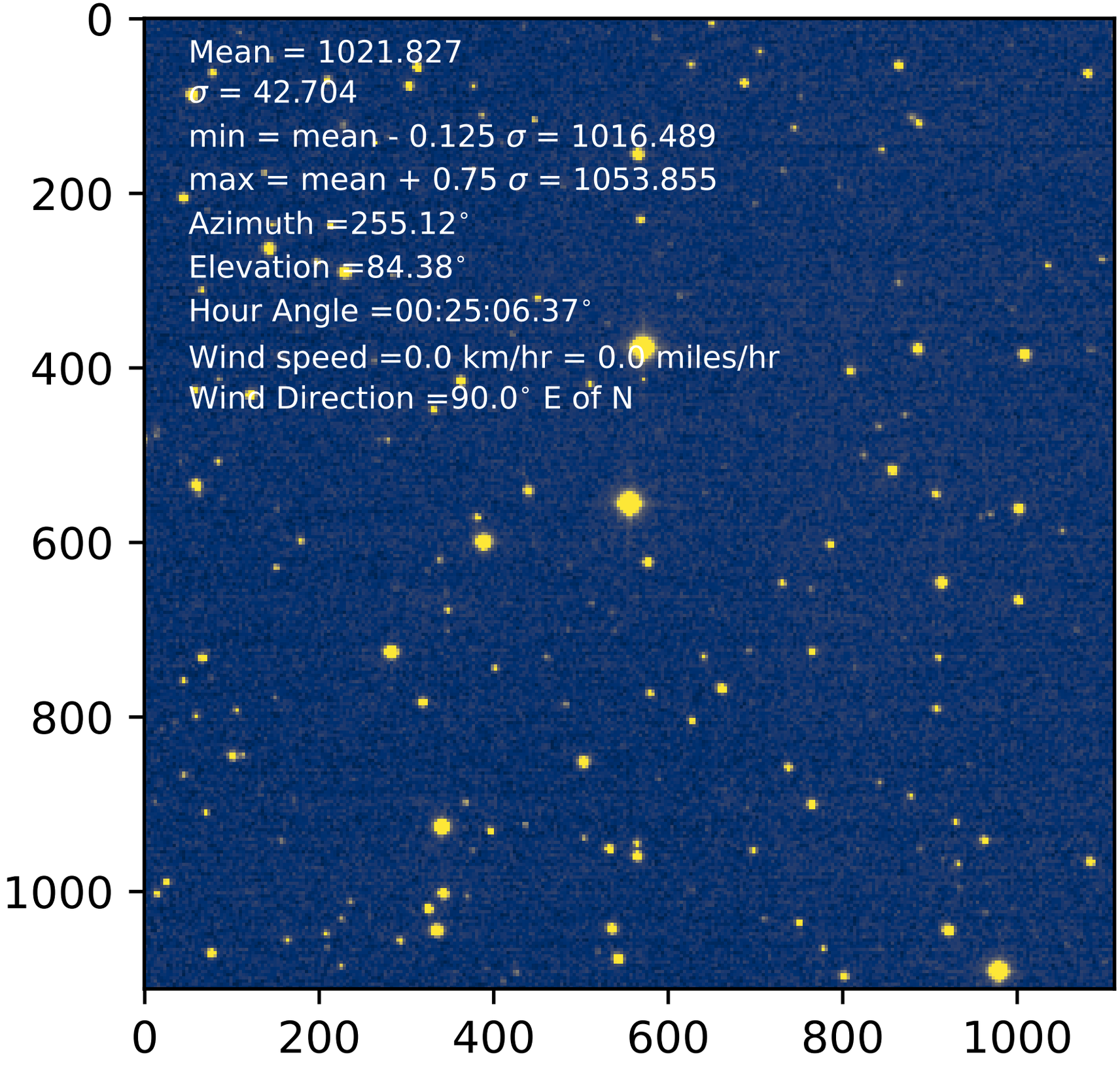

Mean = 1021.609
σ = 42.474
min = mean - 0.125 σ = 1016.299
max = mean + 0.75 σ = 1053.464
Azimuth =252.29°
Elevation =85.12°
Hour Angle =00:21:28.78°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

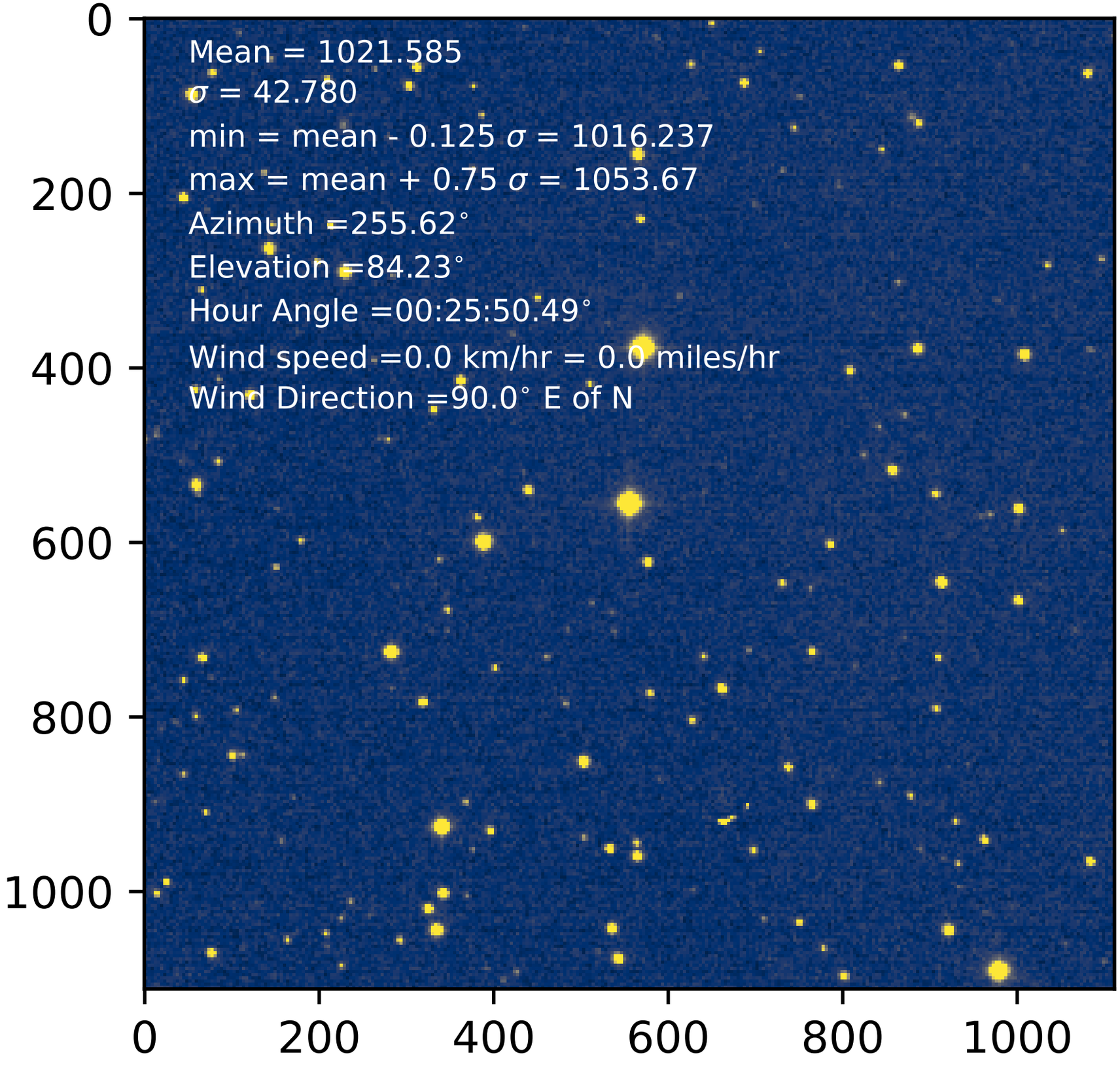

Mean = 1021.682
σ = 42.768
min = mean - 0.125 σ = 1016.336
max = mean + 0.75 σ = 1053.758
Azimuth =252.91°
Elevation =84.98°
Hour Angle =00:22:11.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

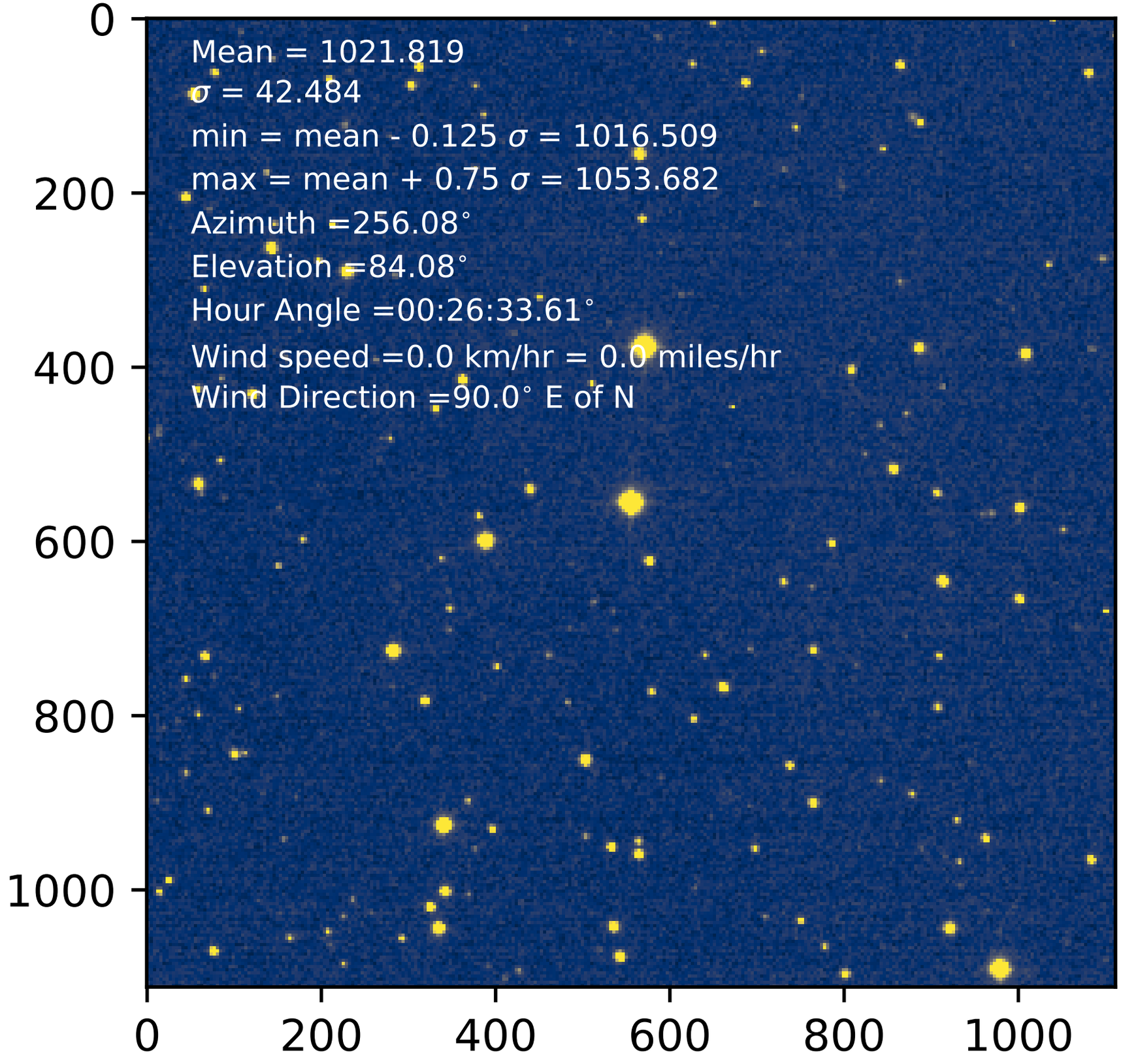

Mean = 1021.595
σ = 42.661
min = mean - 0.125 σ = 1016.263
max = mean + 0.75 σ = 1053.591
Azimuth =253.51°
Elevation =84.83°
Hour Angle =00:22:56.02°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

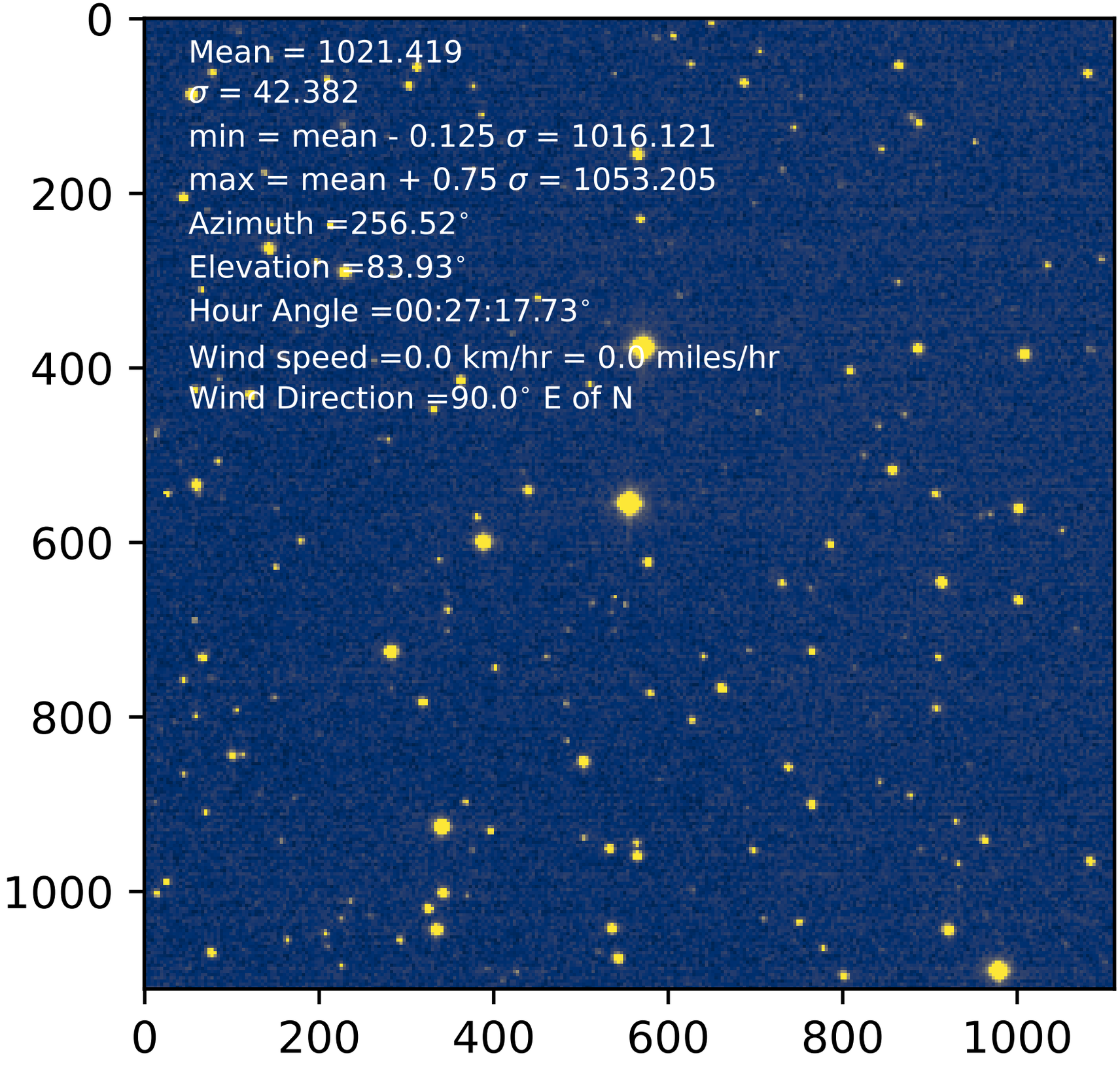

Mean = 1021.776
σ = 42.729
min = mean - 0.125 σ = 1016.435
max = mean + 0.75 σ = 1053.823
Azimuth =254.07°
Elevation =84.68°
Hour Angle =00:23:39.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

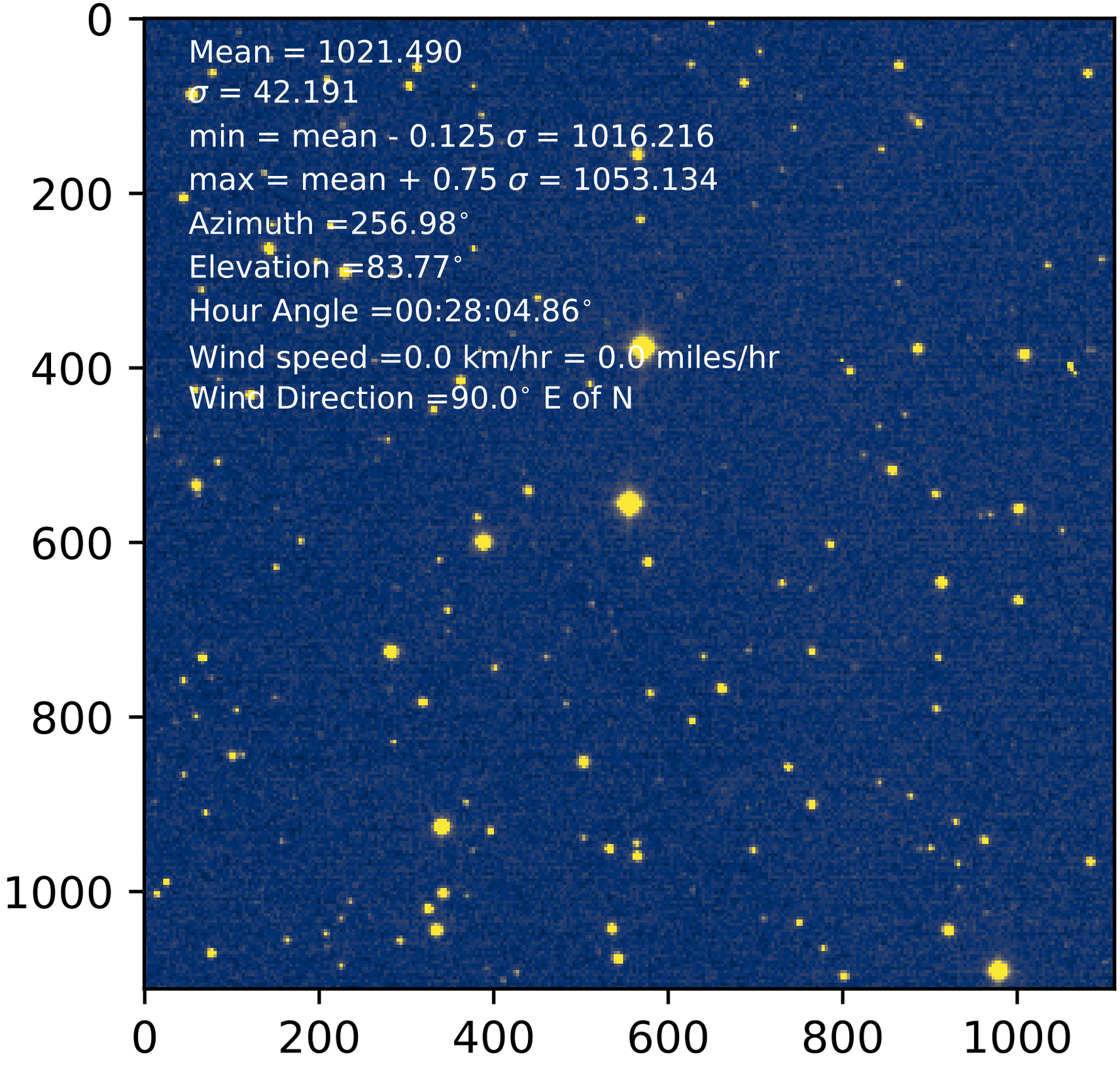

Mean = 1021.709
σ = 42.992
min = mean - 0.125 σ = 1016.335
max = mean + 0.75 σ = 1053.953
Azimuth =254.62°
Elevation =84.53°
Hour Angle =00:24:23.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

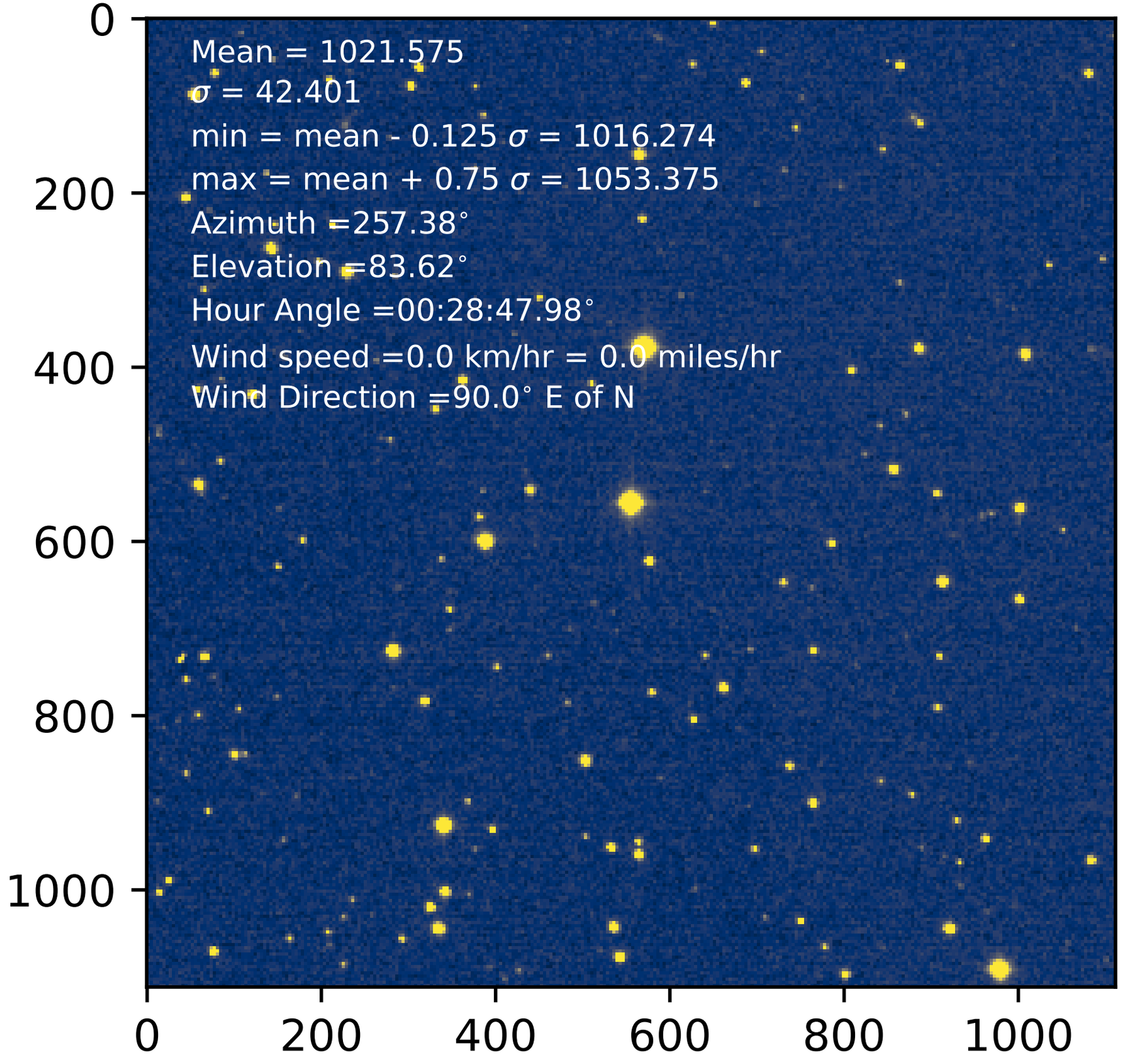

Mean = 1021.827
σ = 42.704
min = mean - 0.125 σ = 1016.489
max = mean + 0.75 σ = 1053.855
Azimuth =255.12°
Elevation =84.38°
Hour Angle =00:25:06.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

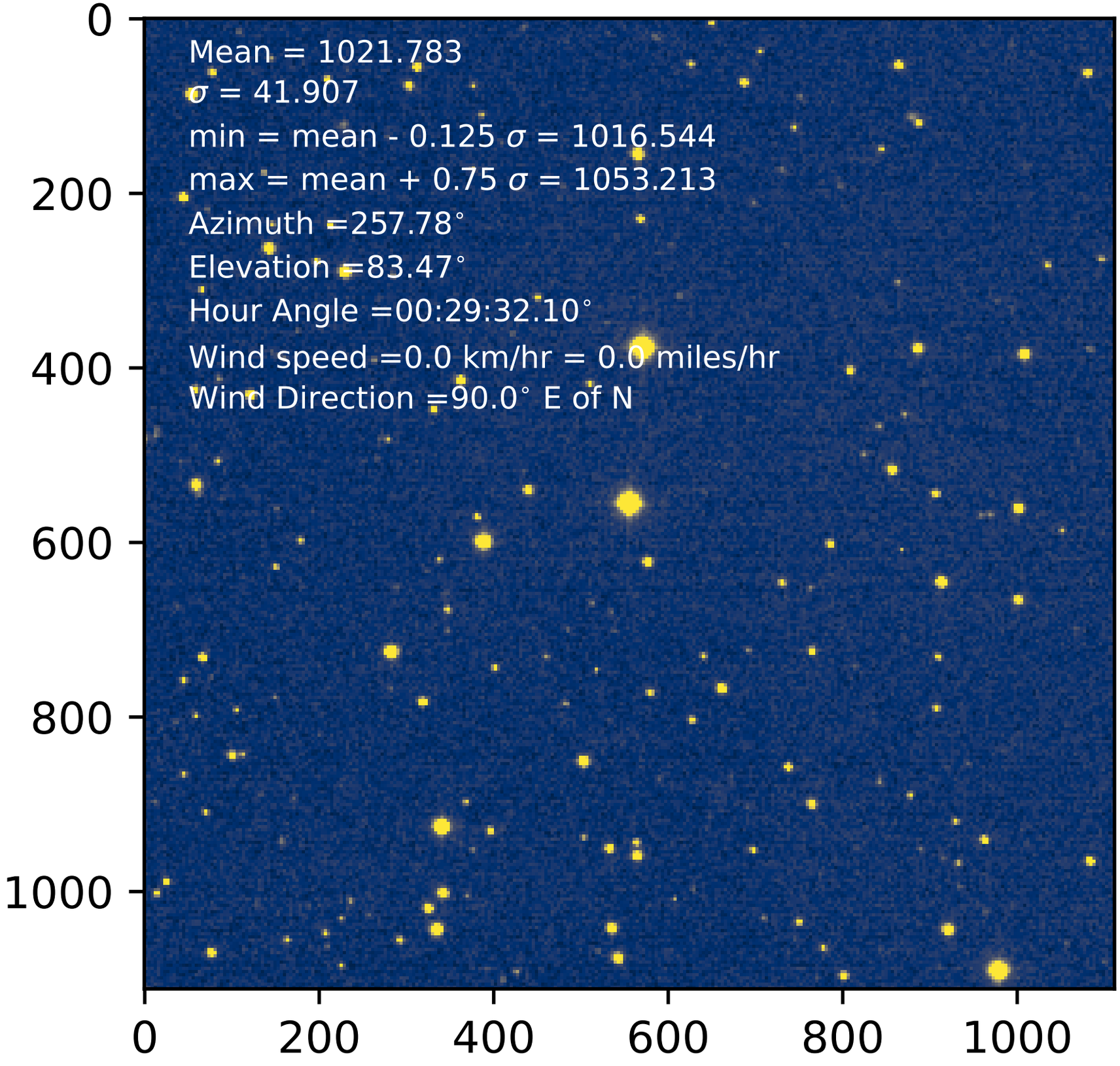

Mean = 1021.585
σ = 42.780
min = mean - 0.125 σ = 1016.237
max = mean + 0.75 σ = 1053.67
Azimuth =255.62°
Elevation =84.23°
Hour Angle =00:25:50.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.819
σ = 42.484
min = mean - 0.125 σ = 1016.509
max = mean + 0.75 σ = 1053.682
Azimuth =256.08°
Elevation =84.08°
Hour Angle =00:26:33.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.419
σ = 42.382
min = mean - 0.125 σ = 1016.121
max = mean + 0.75 σ = 1053.205
Azimuth =256.52°
Elevation =83.93°
Hour Angle =00:27:17.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.490
σ = 42.191
min = mean - 0.125 σ = 1016.216
max = mean + 0.75 σ = 1053.134
Azimuth =256.98°
Elevation =83.77°
Hour Angle =00:28:04.86°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.575
σ = 42.401
min = mean - 0.125 σ = 1016.274
max = mean + 0.75 σ = 1053.375
Azimuth =257.38°
Elevation =83.62°
Hour Angle =00:28:47.98°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1021.783
σ = 41.907
min = mean - 0.125 σ = 1016.544
max = mean + 0.75 σ = 1053.213
Azimuth =257.78°
Elevation =83.47°
Hour Angle =00:29:32.10°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
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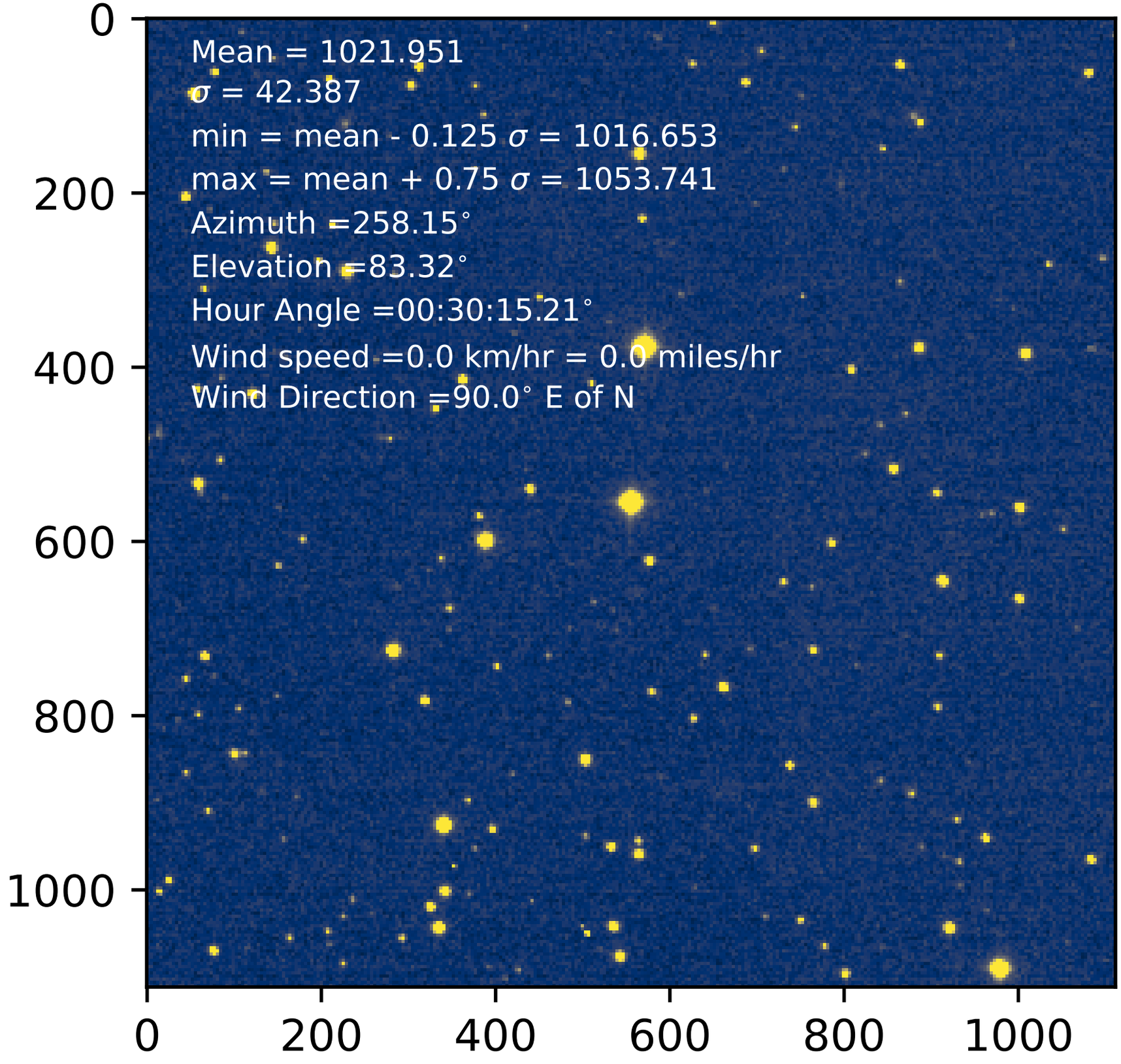
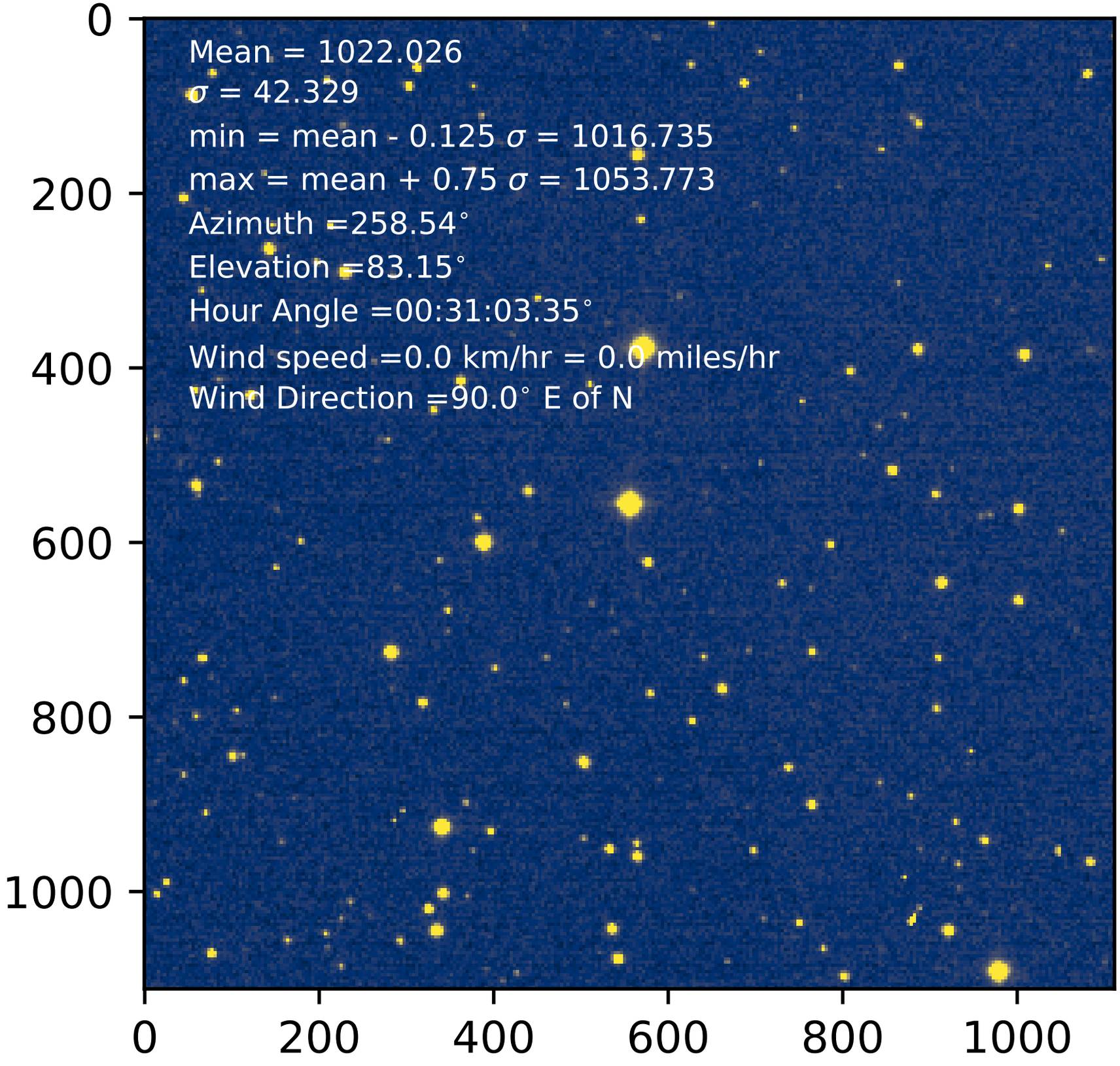
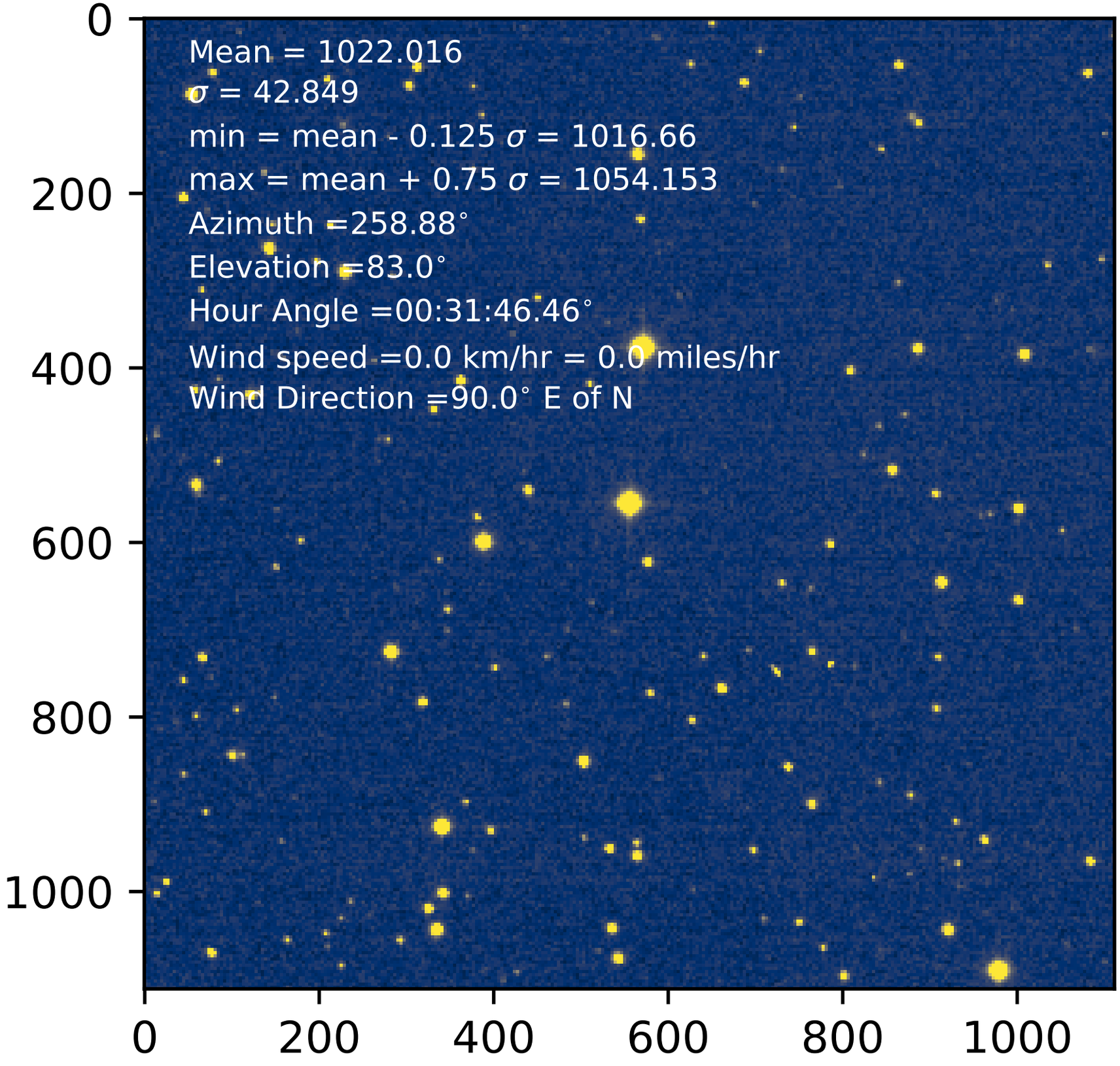
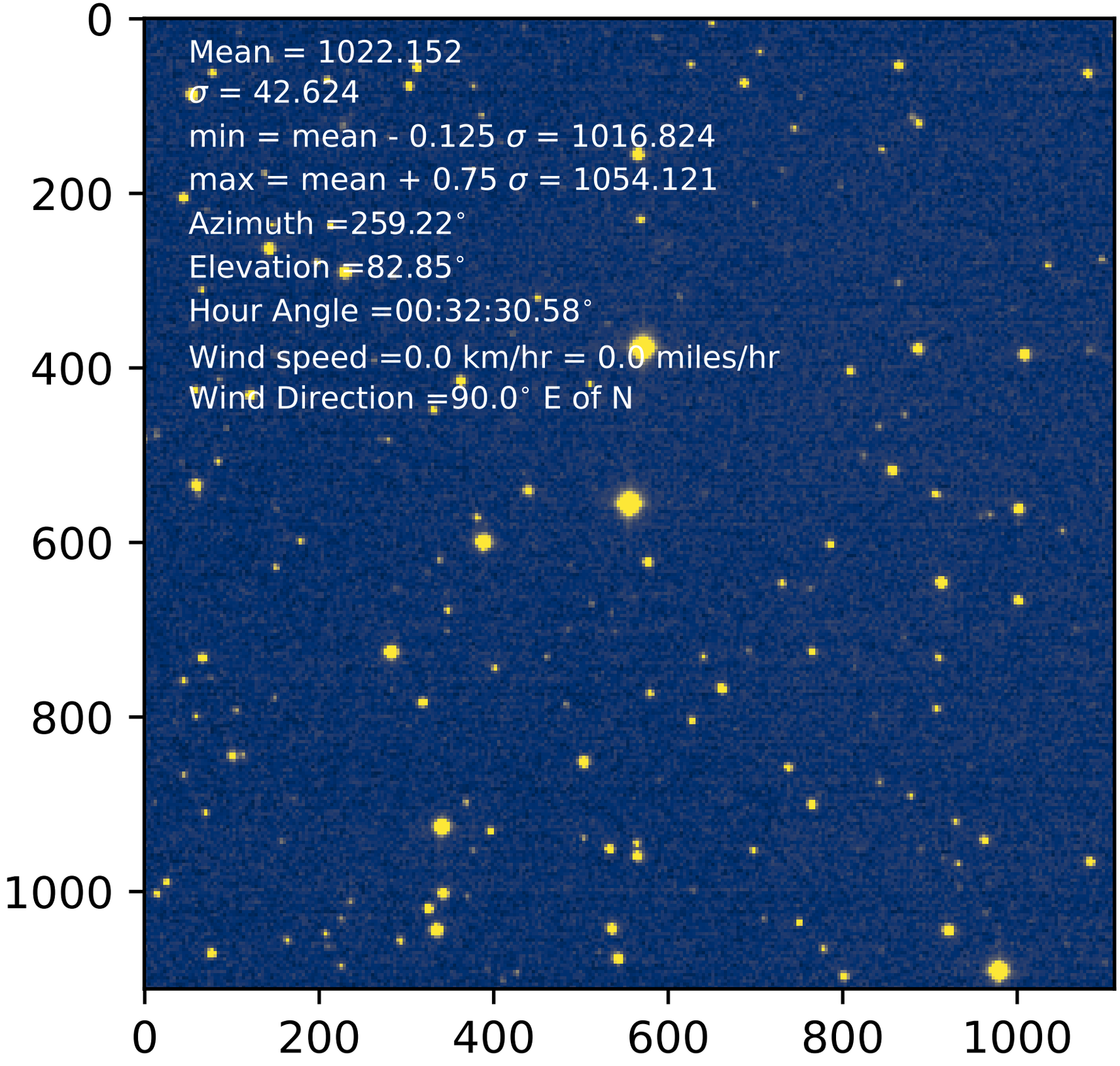
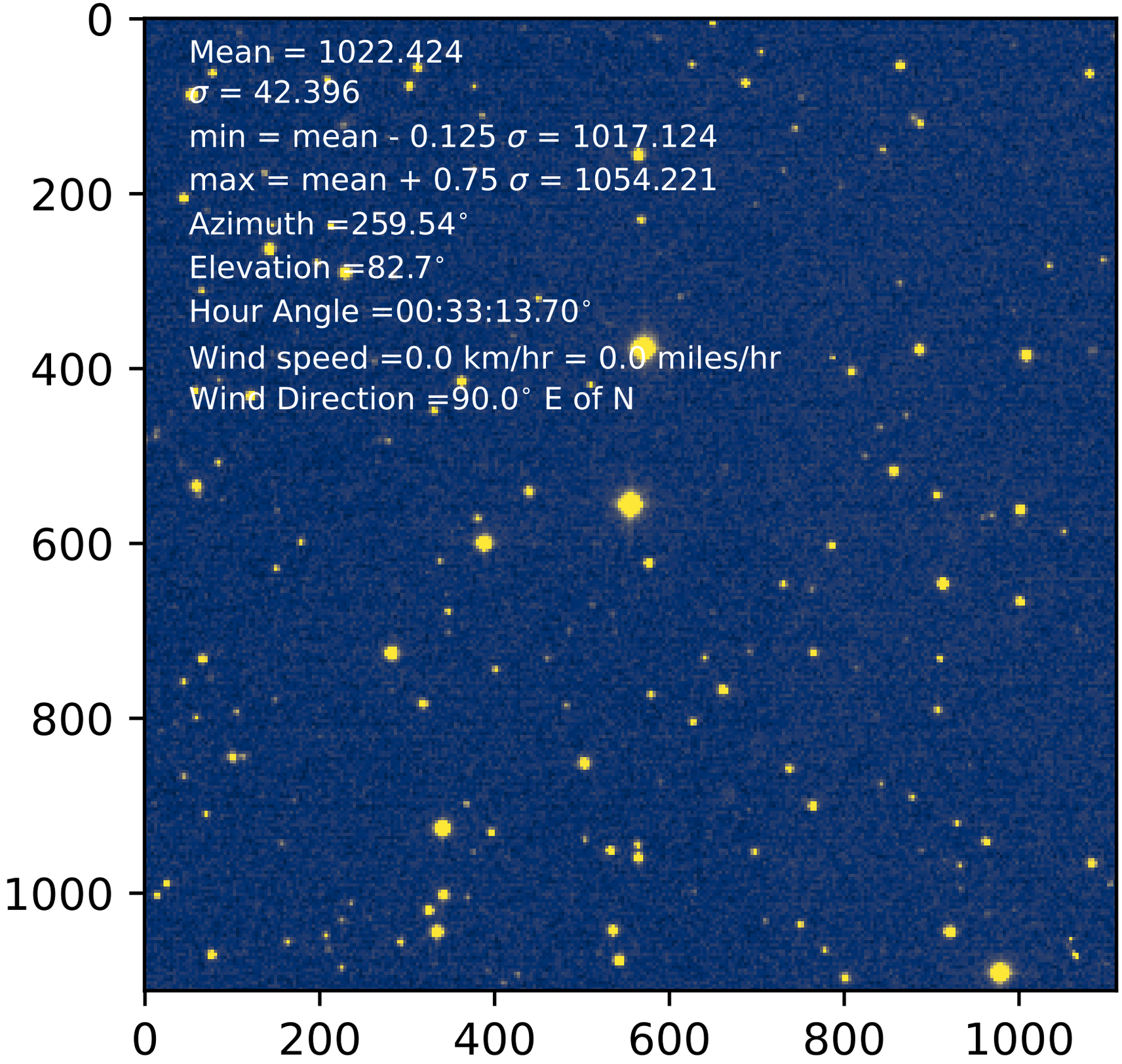
800
1000
0
200
400
600
800
1000

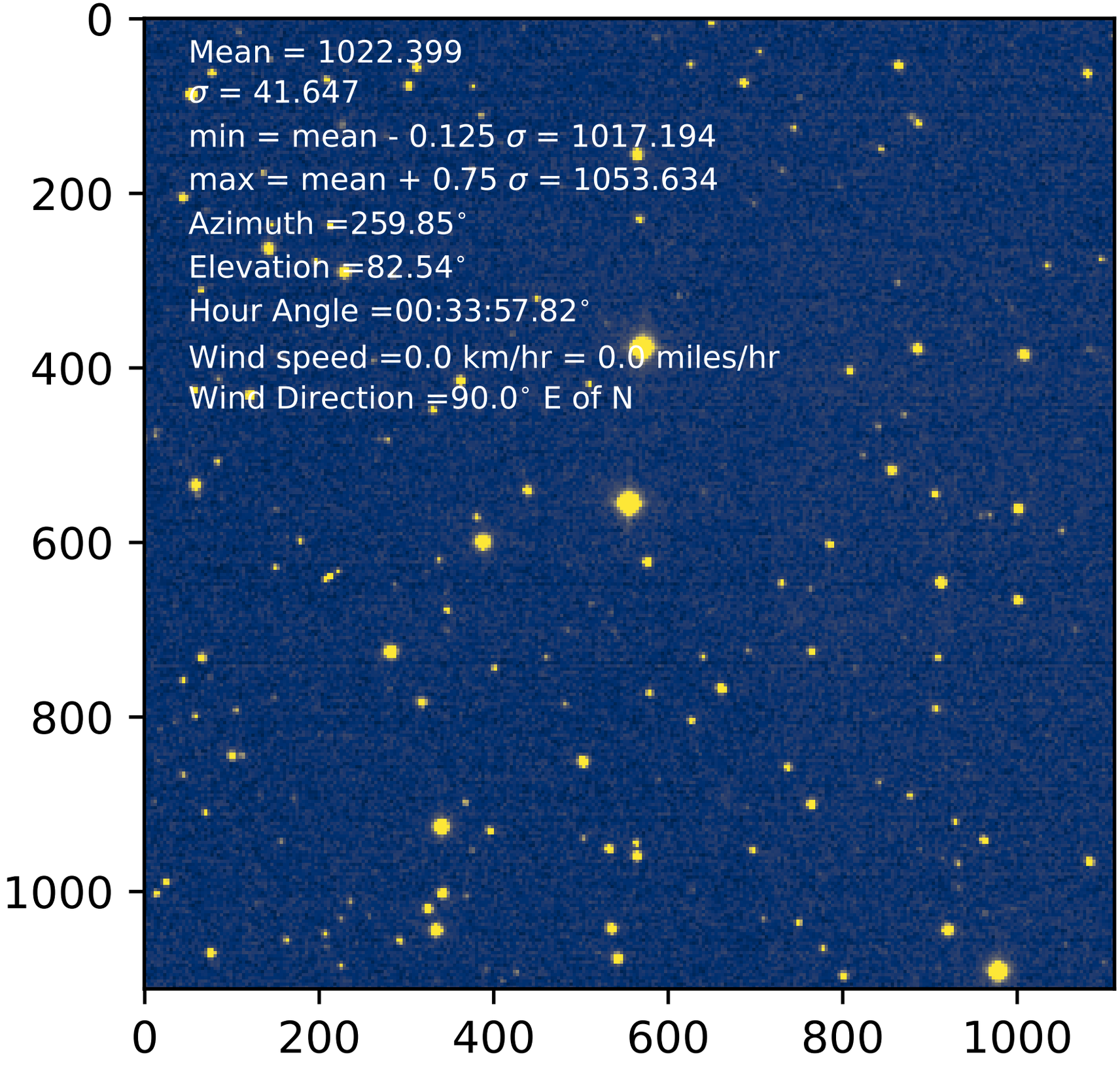

Mean = 1021.951
σ = 42.387
min = mean - 0.125 σ = 1016.653
max = mean + 0.75 σ = 1053.741
Azimuth =258.15°
Elevation =83.32°
Hour Angle =00:30:15.21°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.026
σ = 42.329
min = mean - 0.125 σ = 1016.735
max = mean + 0.75 σ = 1053.773
Azimuth =258.54°
Elevation =83.15°
Hour Angle =00:31:03.35°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.016
σ = 42.849
min = mean - 0.125 σ = 1016.66
max = mean + 0.75 σ = 1054.153
Azimuth =258.88°
Elevation =83.0°
Hour Angle =00:31:46.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.152
σ = 42.624
min = mean - 0.125 σ = 1016.824
max = mean + 0.75 σ = 1054.121
Azimuth =259.22°
Elevation =82.85°
Hour Angle =00:32:30.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.424
σ = 42.396
min = mean - 0.125 σ = 1017.124
max = mean + 0.75 σ = 1054.221
Azimuth =259.54°
Elevation =82.7°
Hour Angle =00:33:13.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1022.399
σ = 41.647
min = mean - 0.125 σ = 1017.194
max = mean + 0.75 σ = 1053.634
Azimuth =259.85°
Elevation =82.54°
Hour Angle =00:33:57.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
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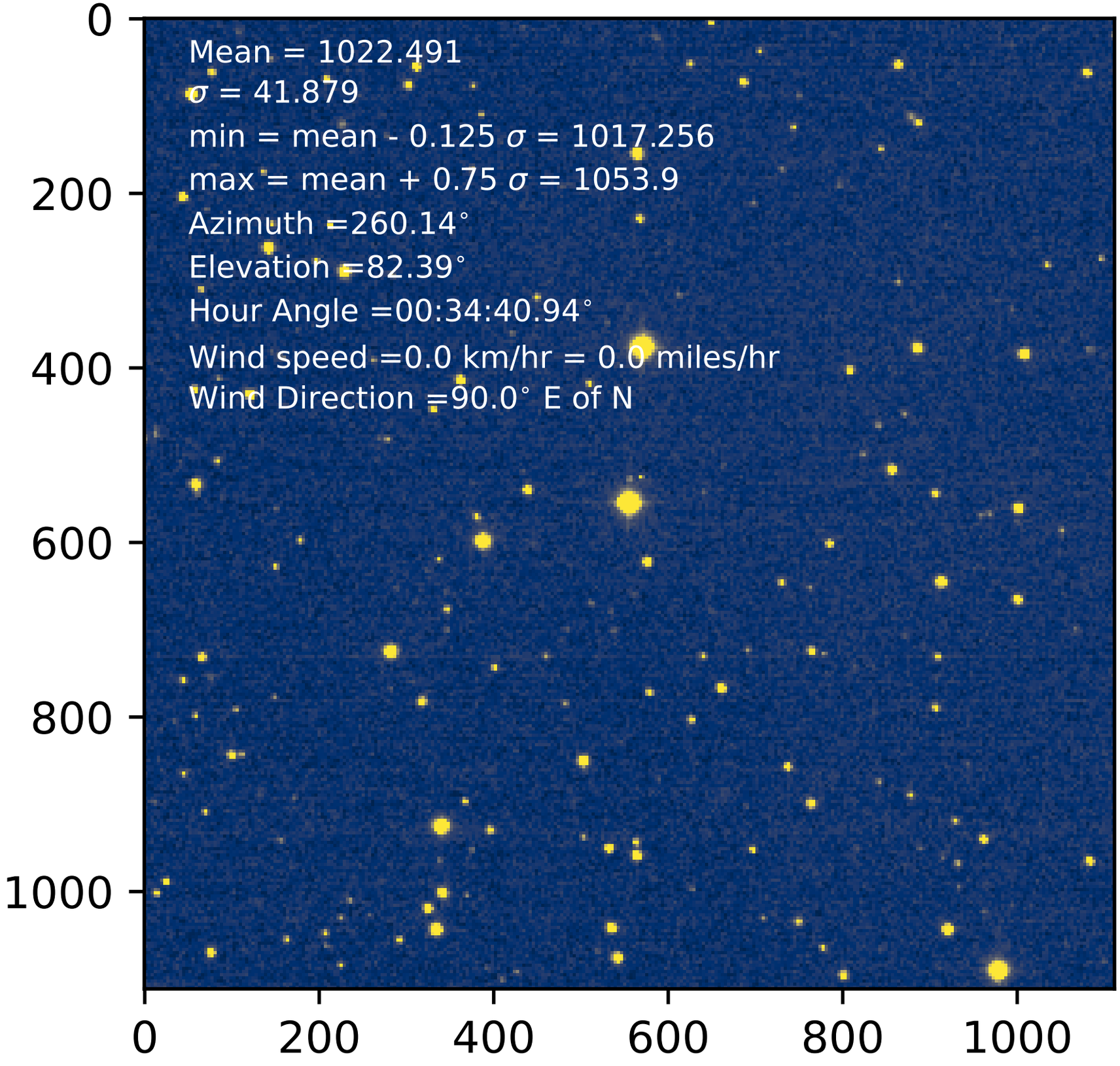
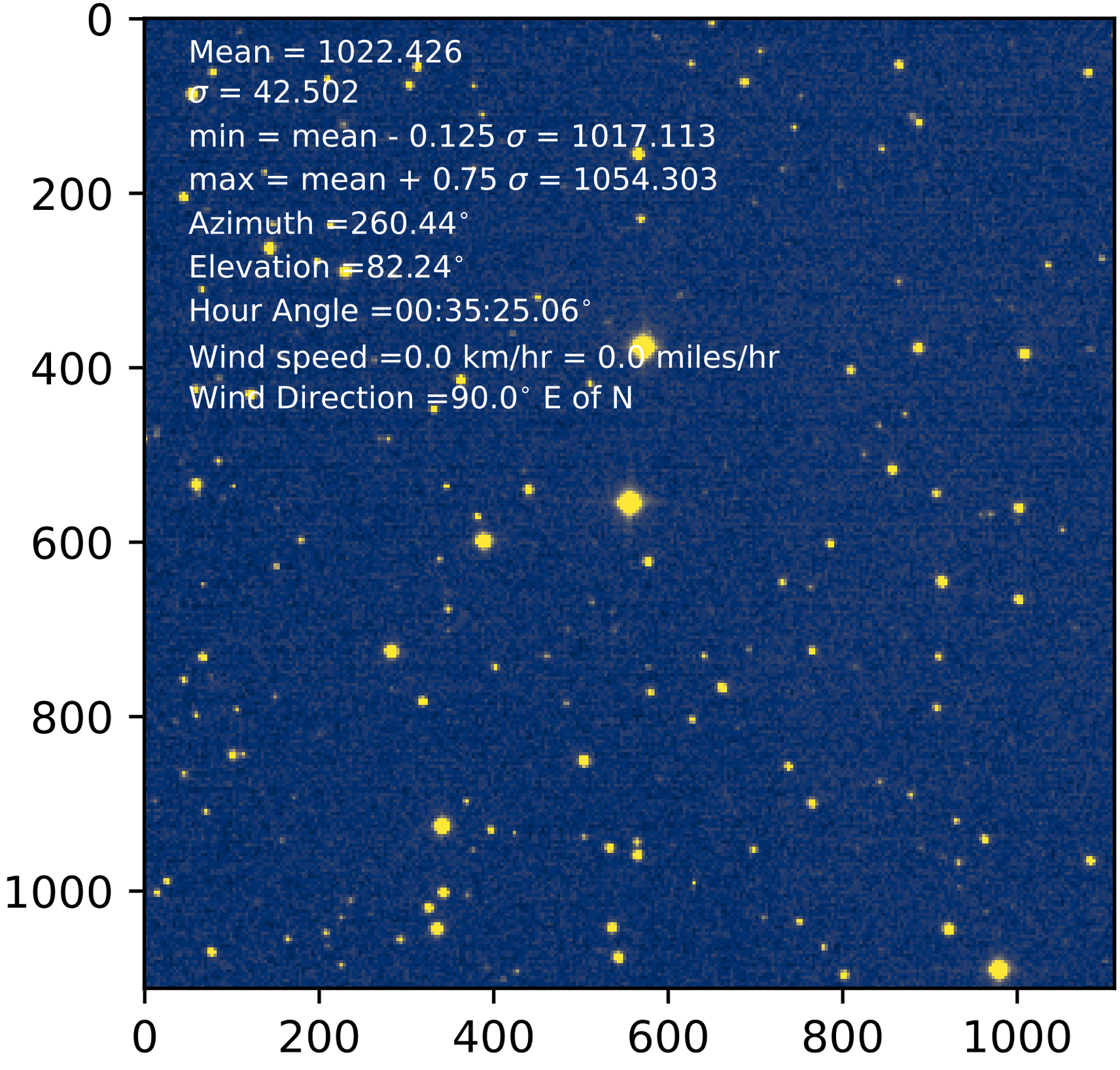
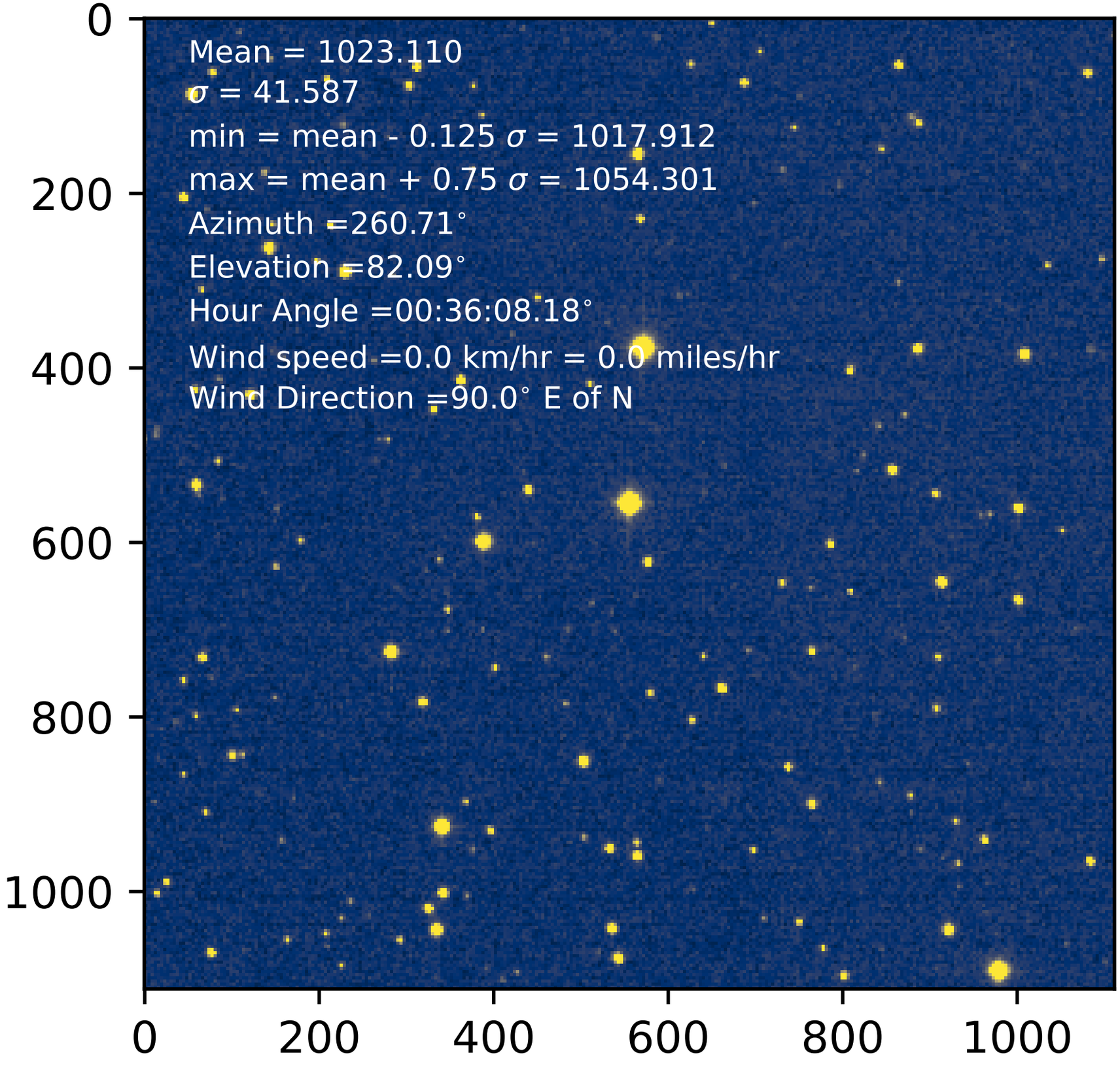
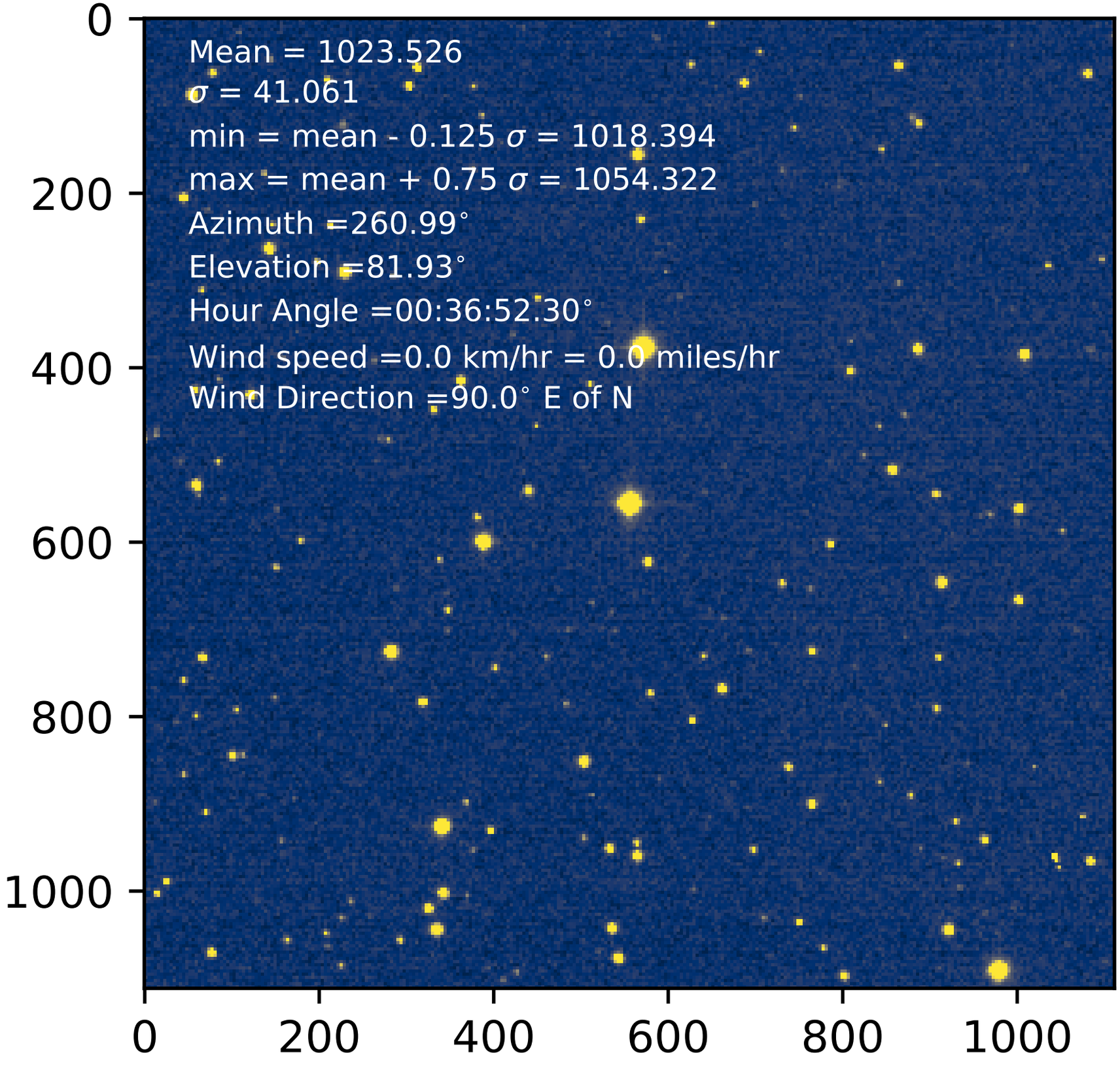
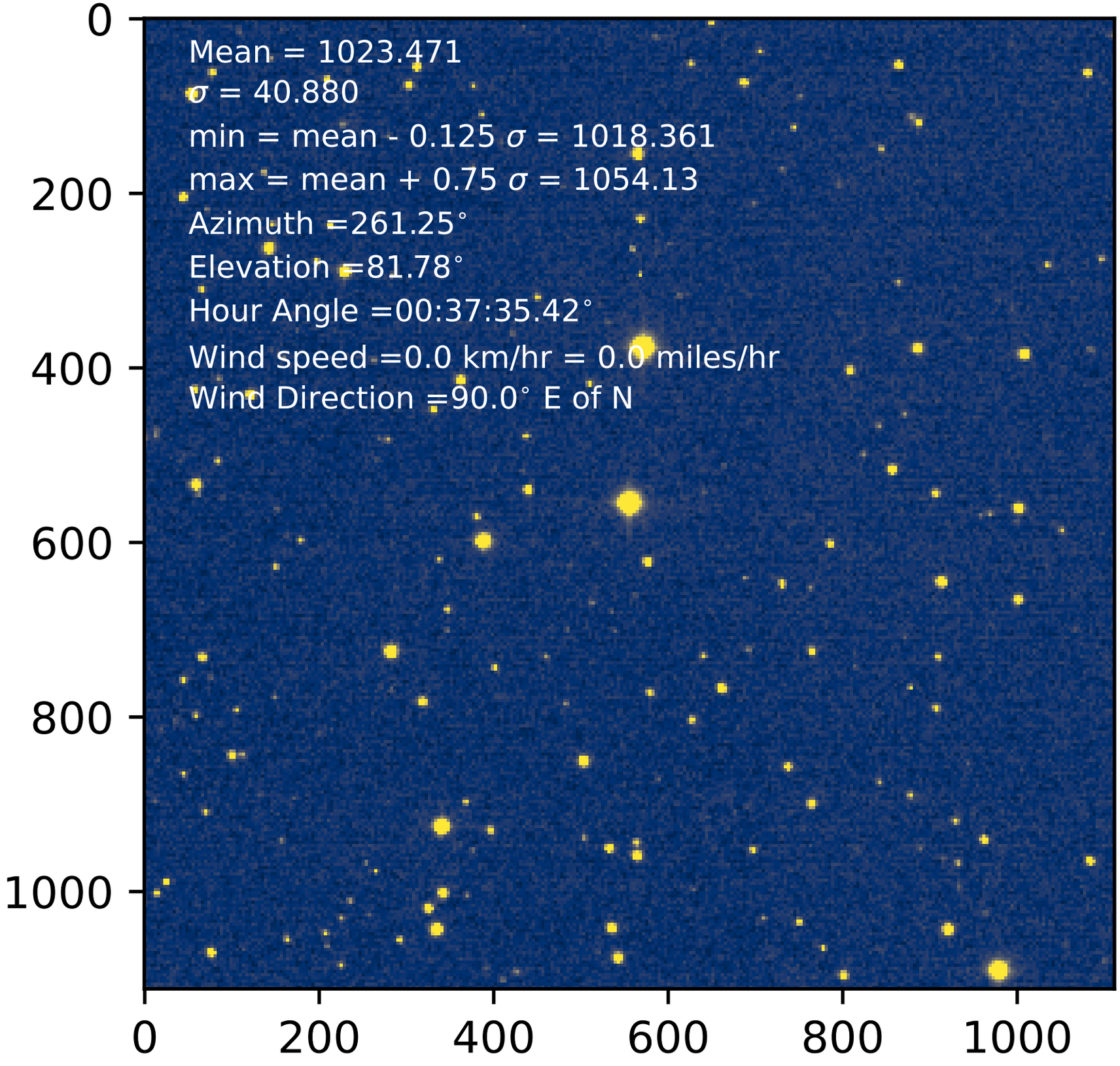
800
1000

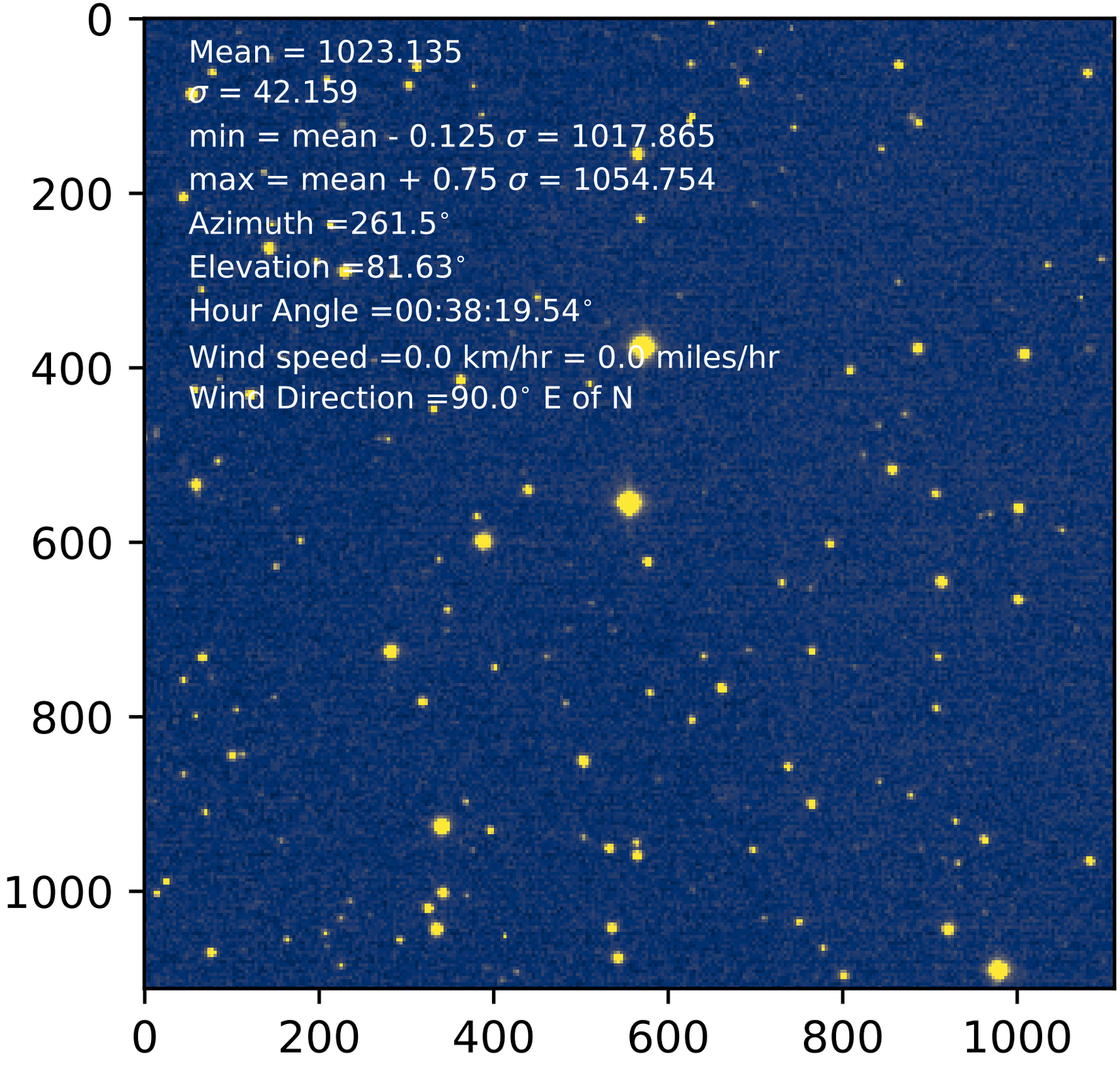

Mean = 1022.491
σ = 41.879
min = mean - 0.125 σ = 1017.256
max = mean + 0.75 σ = 1053.9
Azimuth =260.14°
Elevation =82.39°
Hour Angle =00:34:40.94°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

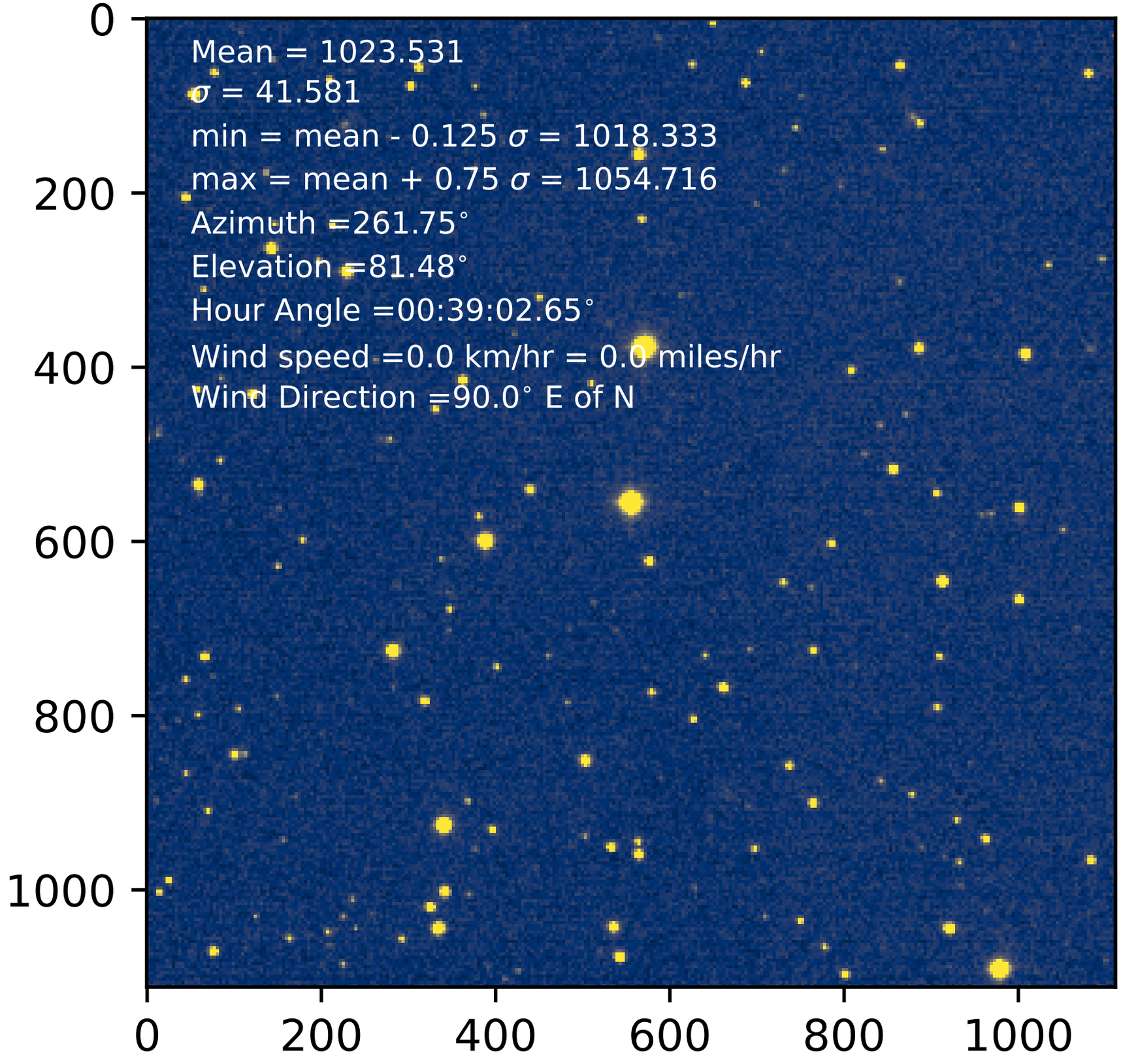

Mean = 1022.426
σ = 42.502
min = mean - 0.125 σ = 1017.113
max = mean + 0.75 σ = 1054.303
Azimuth =260.44°
Elevation =82.24°
Hour Angle =00:35:25.06°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

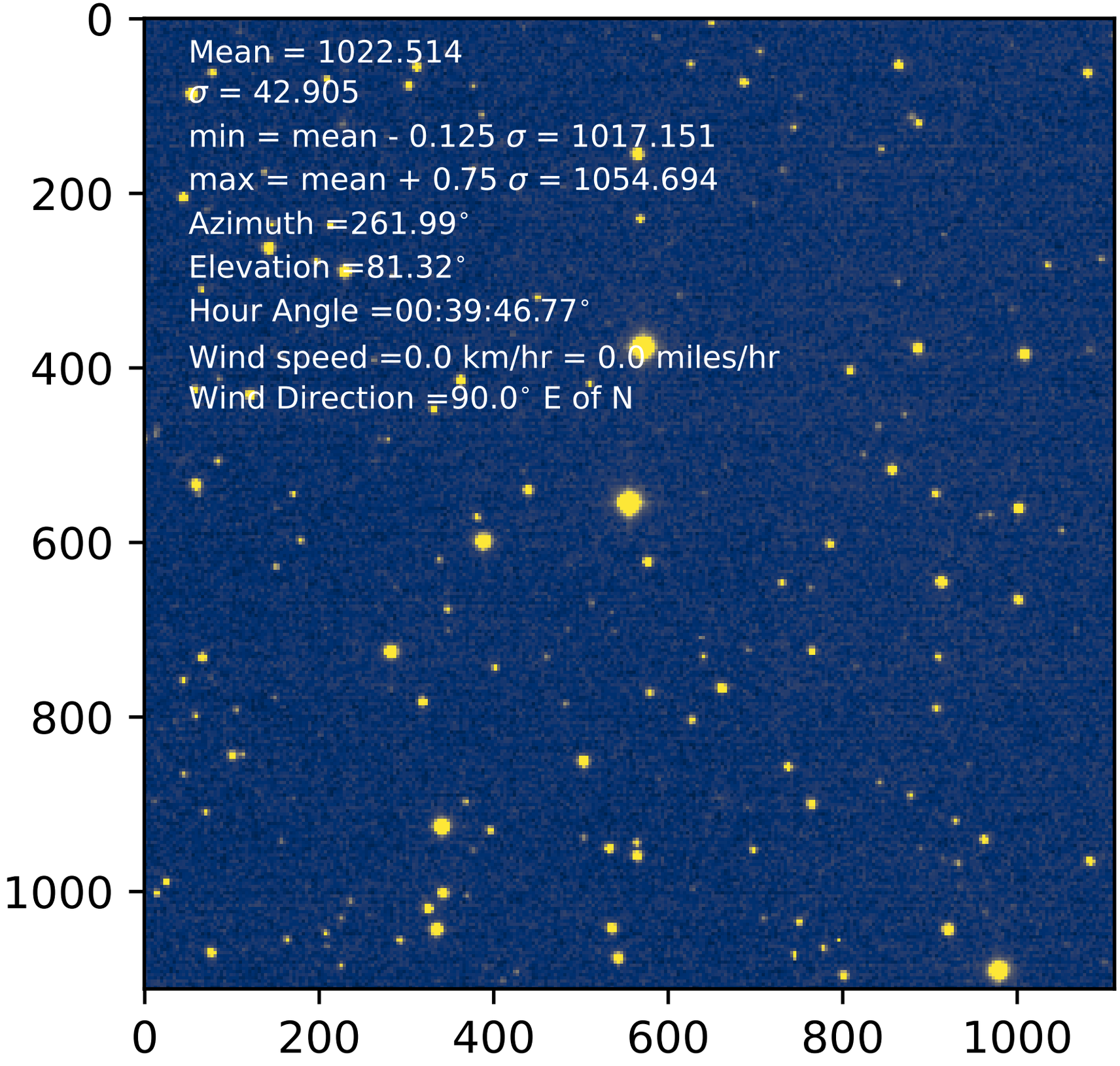

Mean = 1023.110
σ = 41.587
min = mean - 0.125 σ = 1017.912
max = mean + 0.75 σ = 1054.301
Azimuth =260.71°
Elevation =82.09°
Hour Angle =00:36:08.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

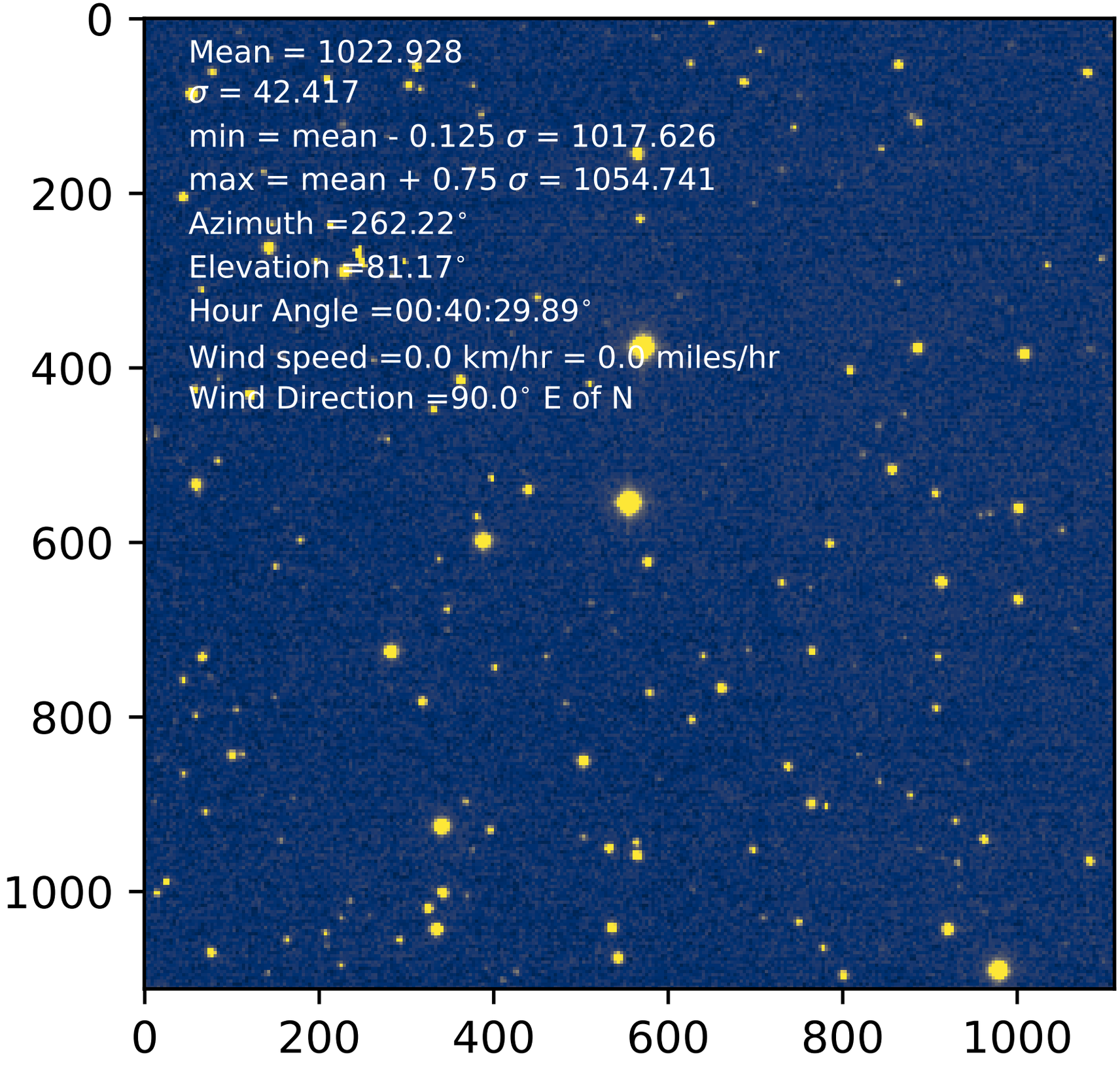

Mean = 1023.526
σ = 41.061
min = mean - 0.125 σ = 1018.394
max = mean + 0.75 σ = 1054.322
Azimuth =260.99°
Elevation =81.93°
Hour Angle =00:36:52.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

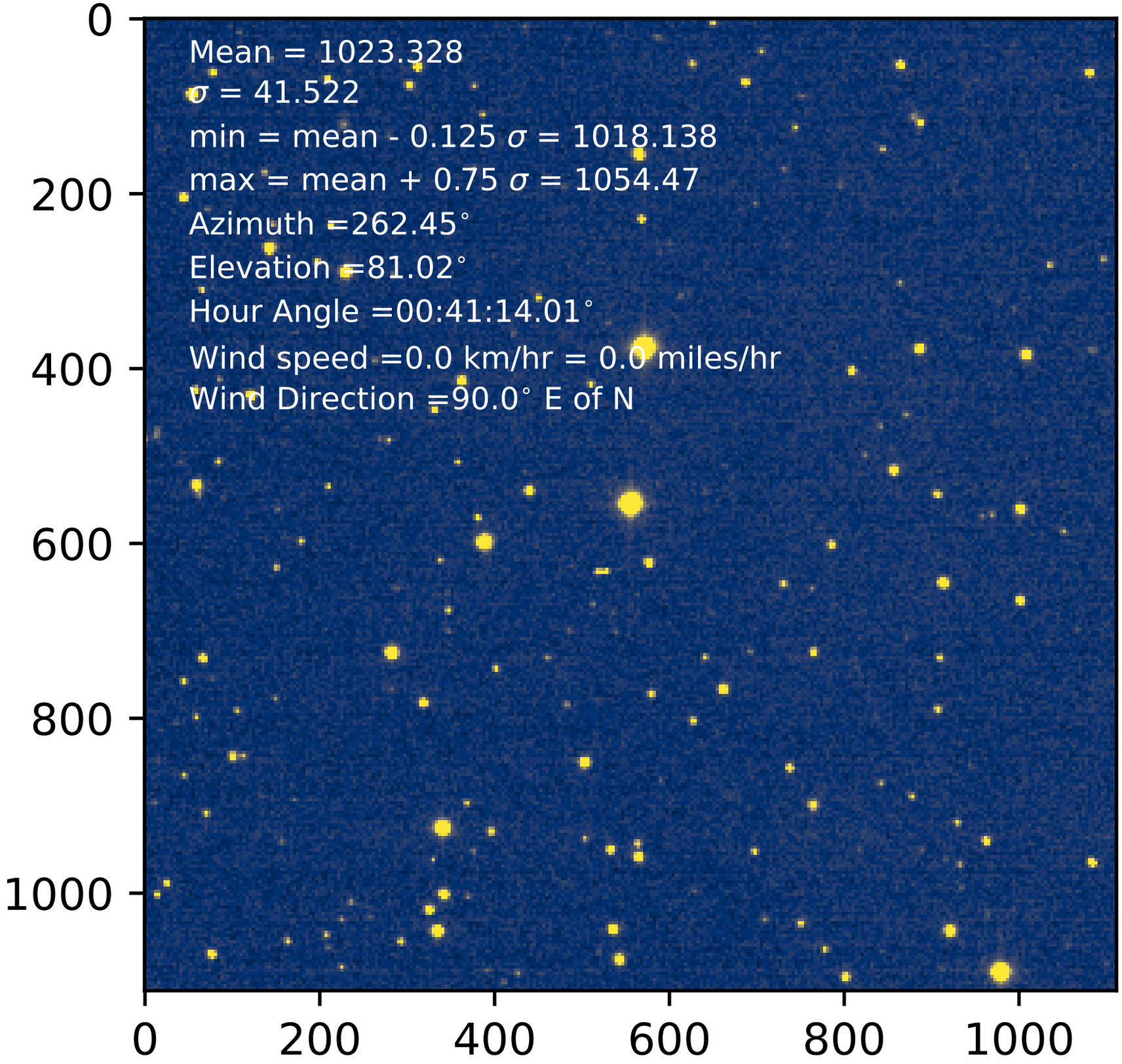

Mean = 1023.471
σ = 40.880
min = mean - 0.125 σ = 1018.361
max = mean + 0.75 σ = 1054.13
Azimuth =261.25°
Elevation =81.78°
Hour Angle =00:37:35.42°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

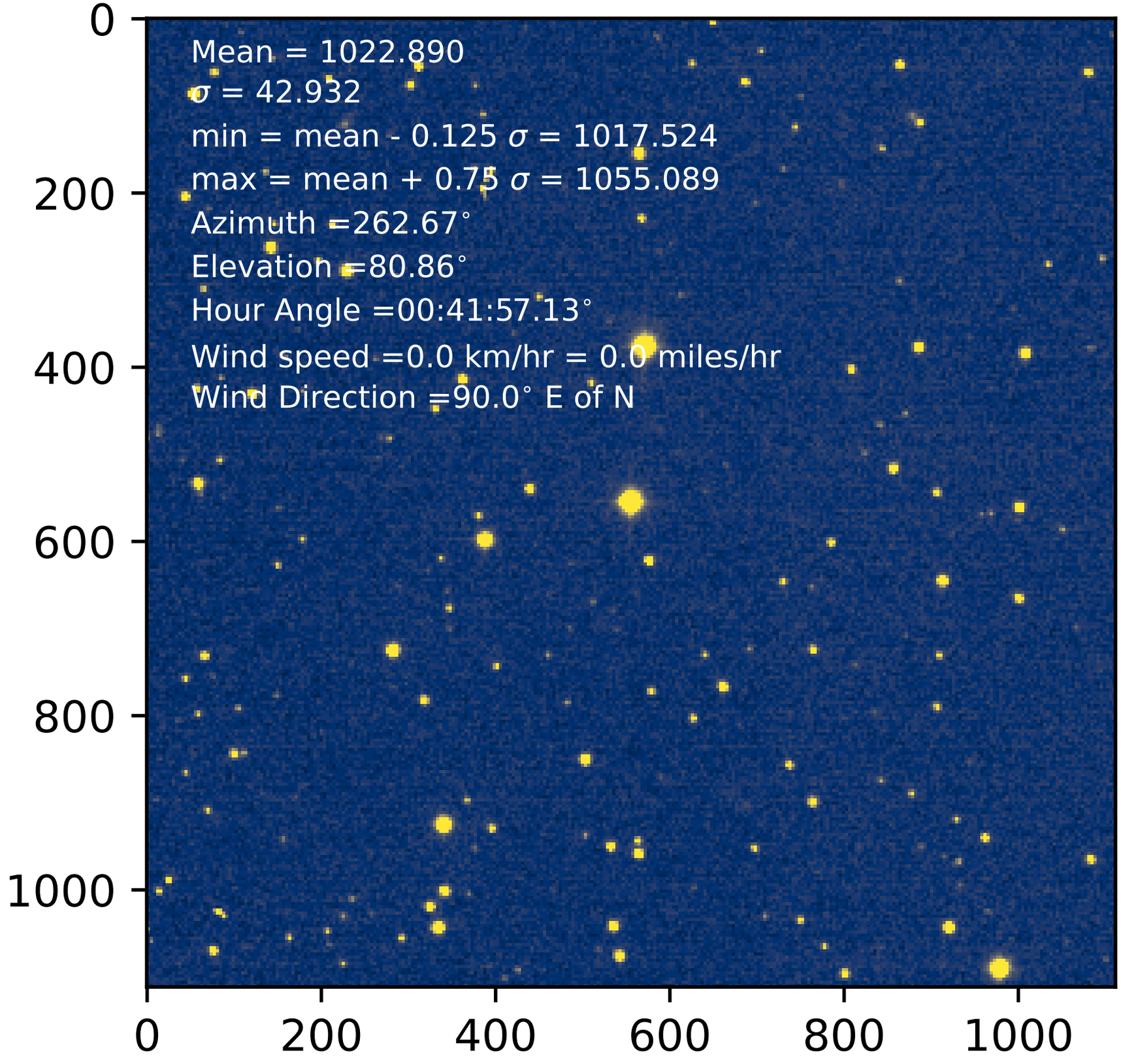

Mean = 1023.135
σ = 42.159
min = mean - 0.125 σ = 1017.865
max = mean + 0.75 σ = 1054.754
Azimuth =261.5°
Elevation =81.63°
Hour Angle =00:38:19.54°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

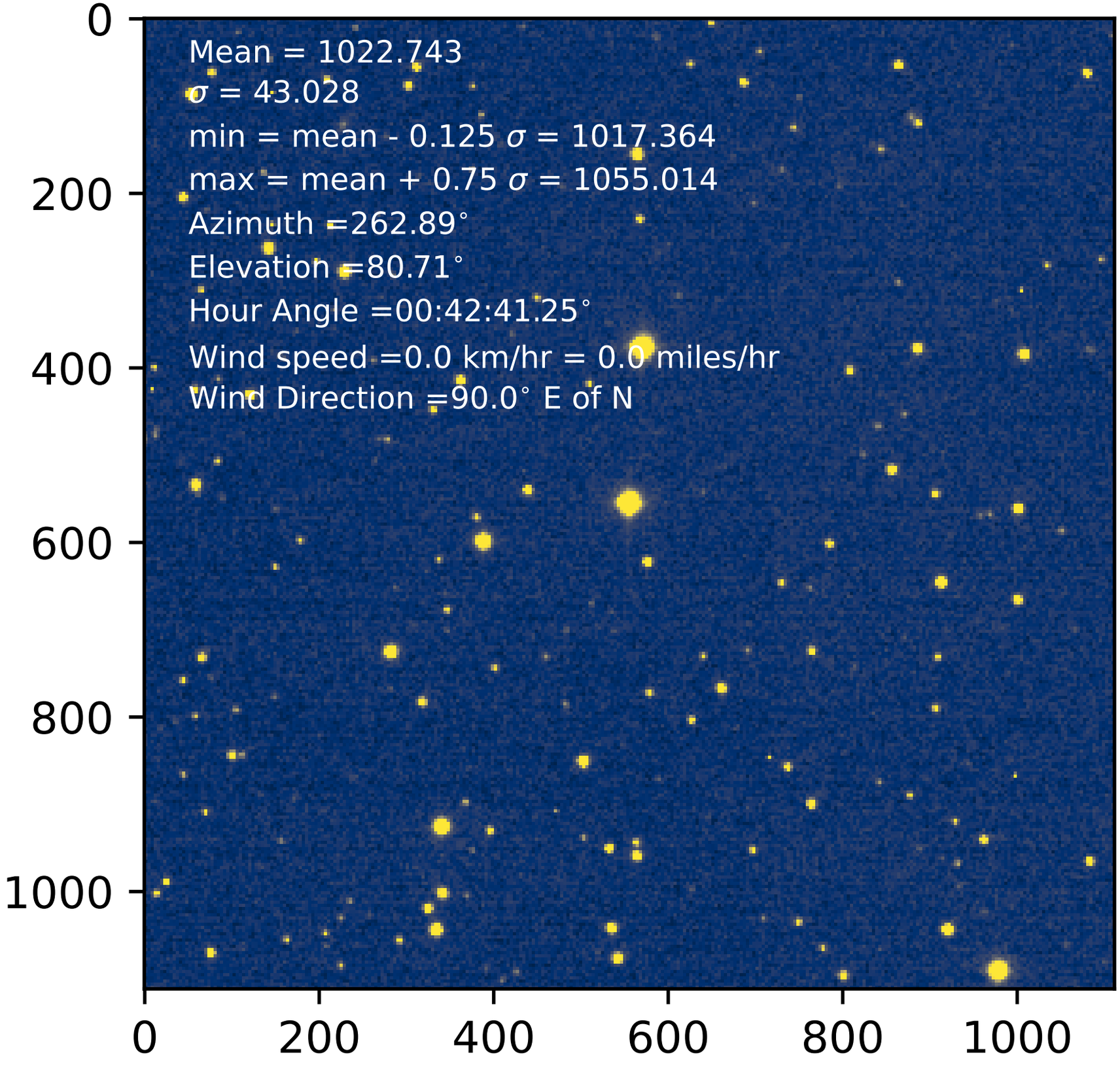

Mean = 1023.531
σ = 41.581
min = mean - 0.125 σ = 1018.333
max = mean + 0.75 σ = 1054.716
Azimuth =261.75°
Elevation =81.48°
Hour Angle =00:39:02.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

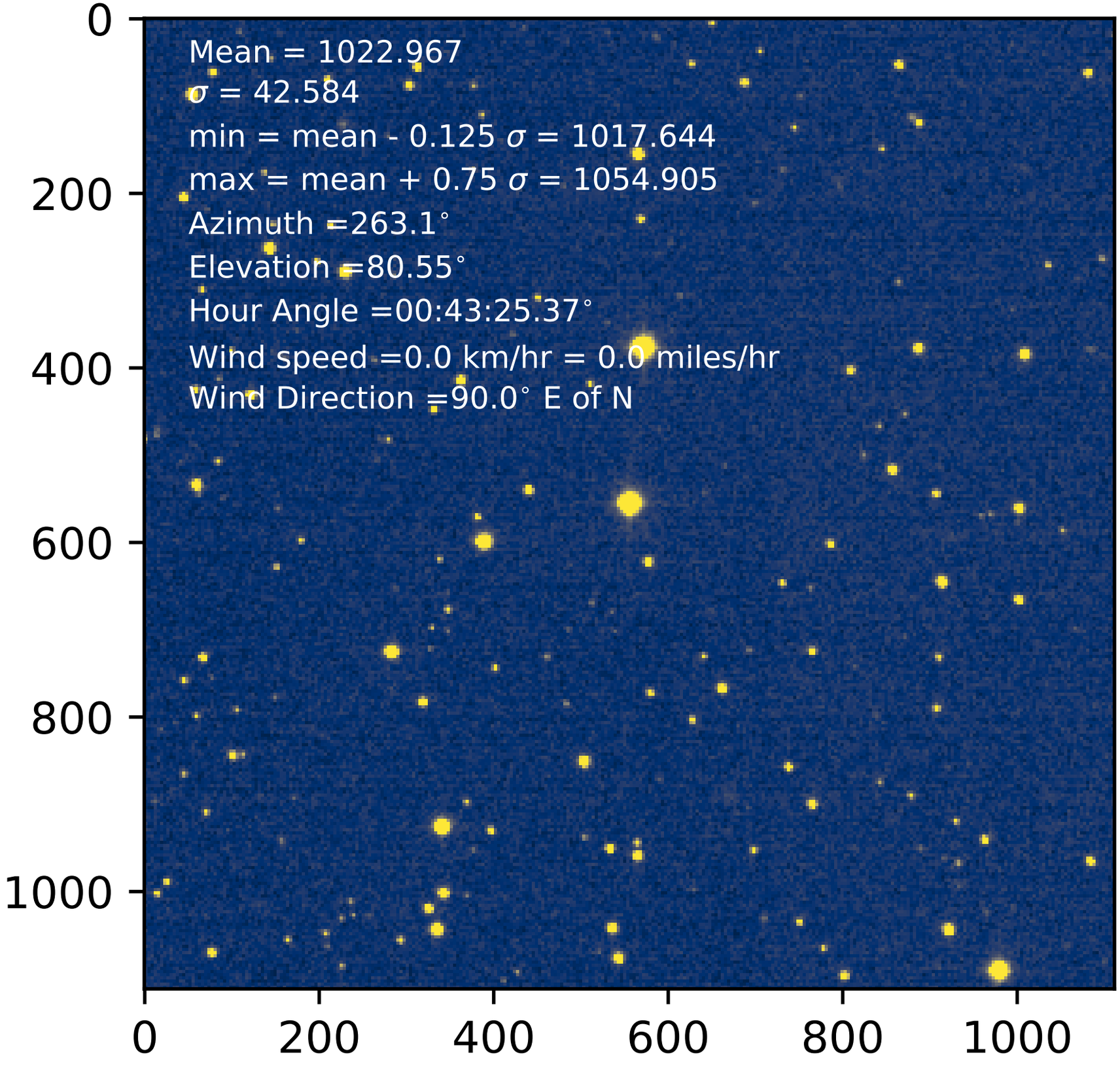

Mean = 1022.514
σ = 42.905
min = mean - 0.125 σ = 1017.151
max = mean + 0.75 σ = 1054.694
Azimuth =261.99°
Elevation =81.32°
Hour Angle =00:39:46.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

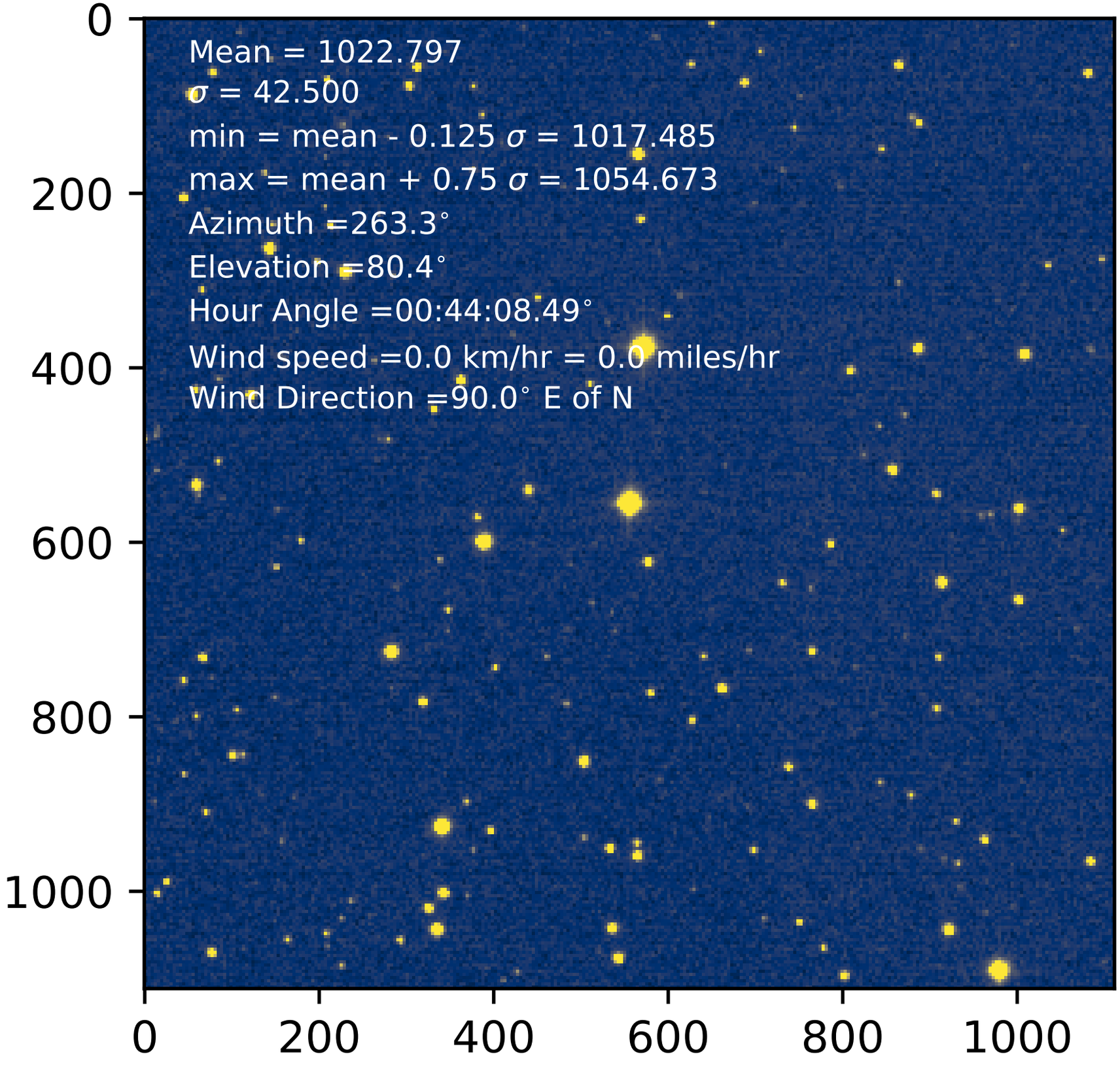

Mean = 1022.928
σ = 42.417
min = mean - 0.125 σ = 1017.626
max = mean + 0.75 σ = 1054.741
Azimuth =262.22°
Elevation =81.17°
Hour Angle =00:40:29.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

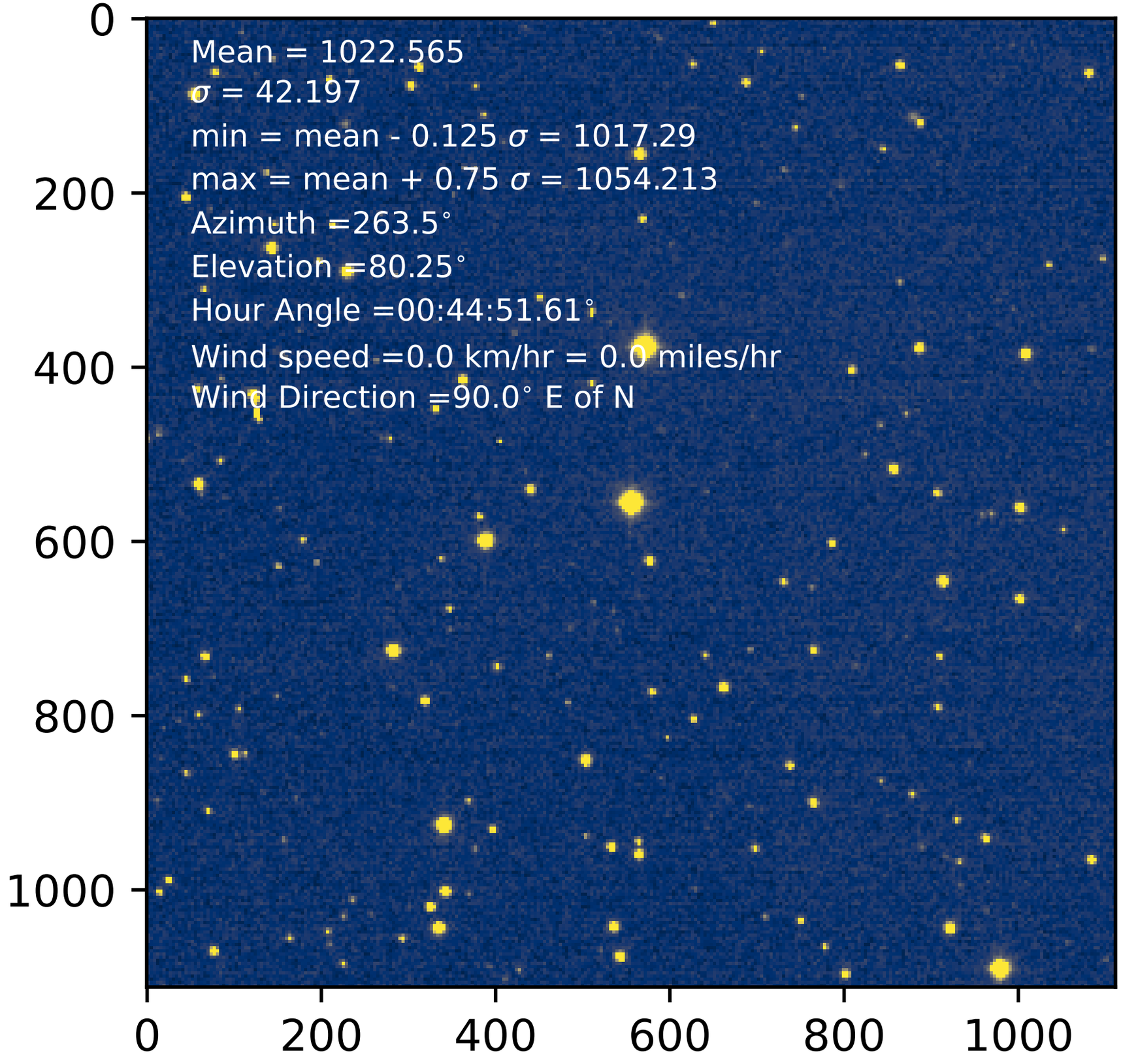

Mean = 1023.328
σ = 41.522
min = mean - 0.125 σ = 1018.138
max = mean + 0.75 σ = 1054.47
Azimuth =262.45°
Elevation =81.02°
Hour Angle =00:41:14.01°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

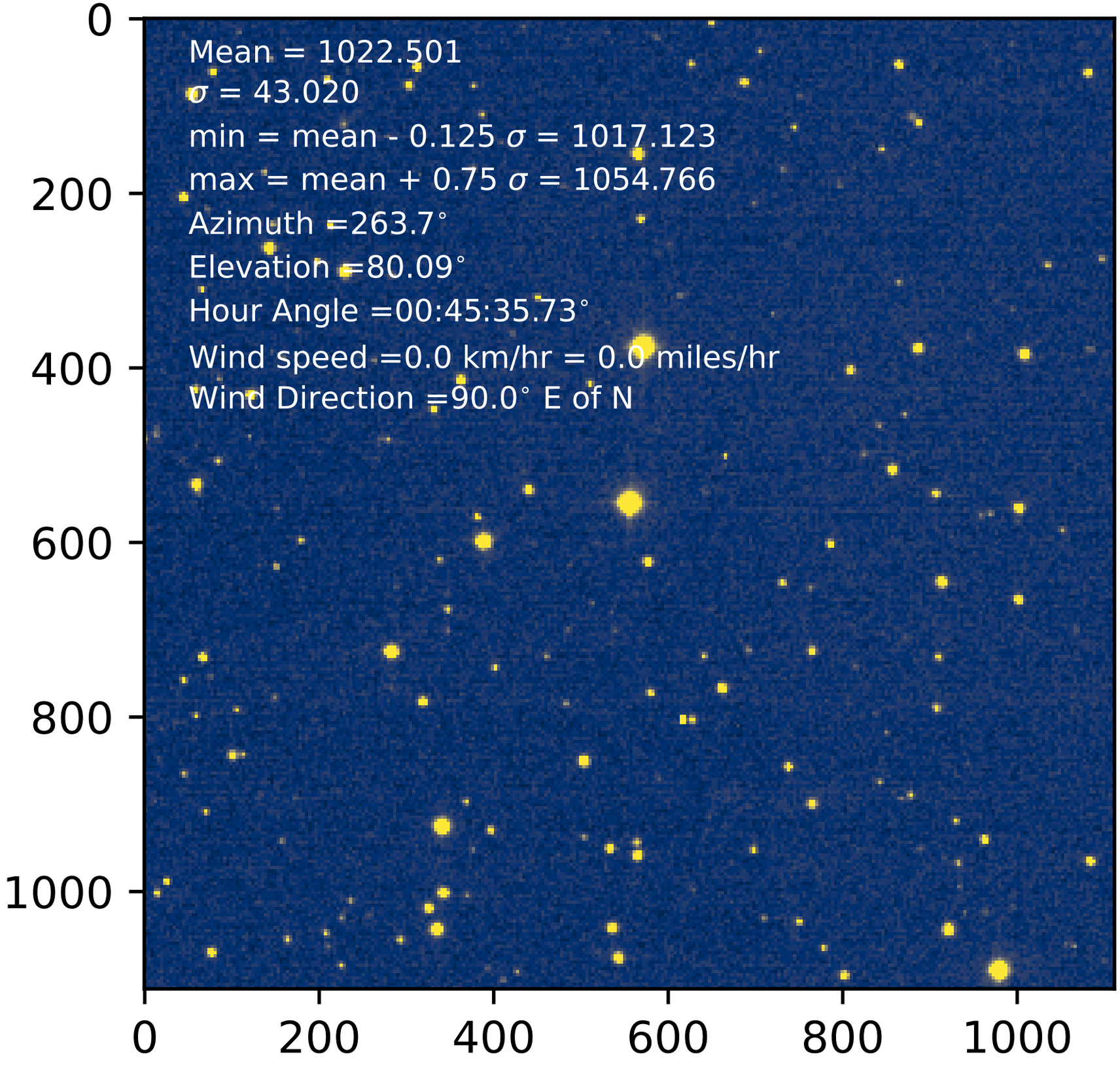

Mean = 1022.890
σ = 42.932
min = mean - 0.125 σ = 1017.524
max = mean + 0.75 σ = 1055.089
Azimuth =262.67°
Elevation =80.86°
Hour Angle =00:41:57.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

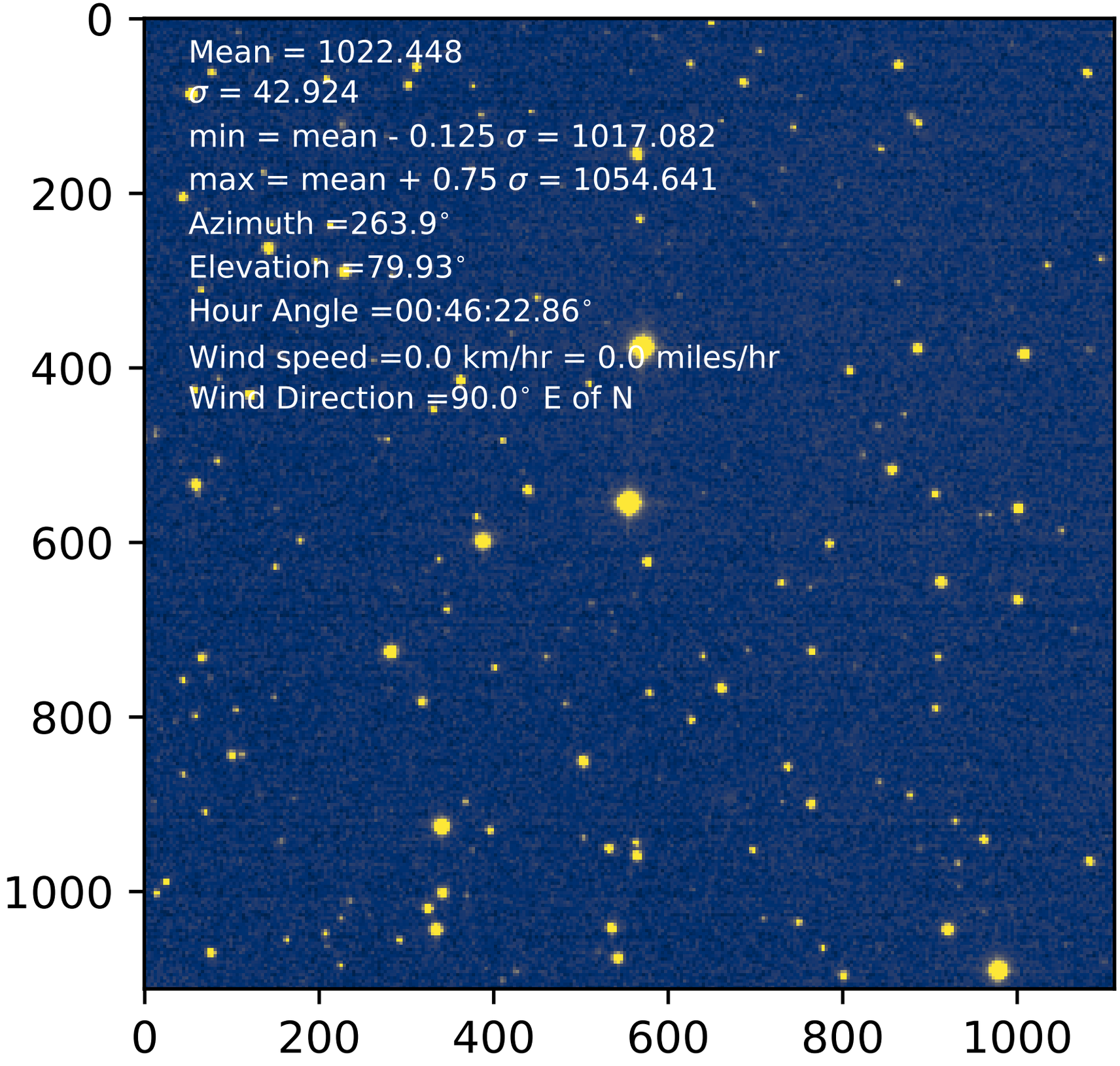

Mean = 1022.743
σ = 43.028
min = mean - 0.125 σ = 1017.364
max = mean + 0.75 σ = 1055.014
Azimuth =262.89°
Elevation =80.71°
Hour Angle =00:42:41.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

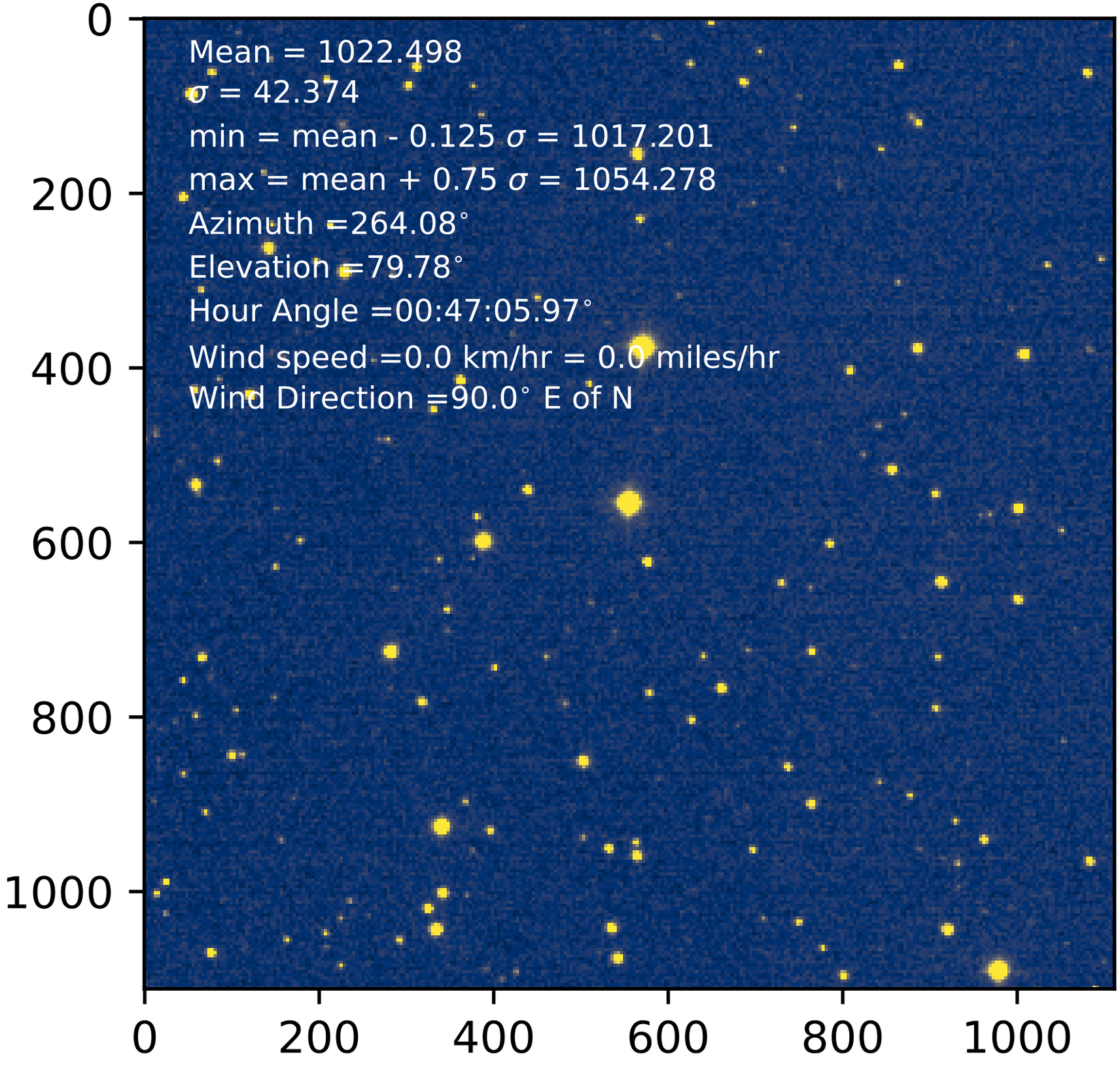

Mean = 1022.967
σ = 42.584
min = mean - 0.125 σ = 1017.644
max = mean + 0.75 σ = 1054.905
Azimuth =263.1°
Elevation =80.55°
Hour Angle =00:43:25.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

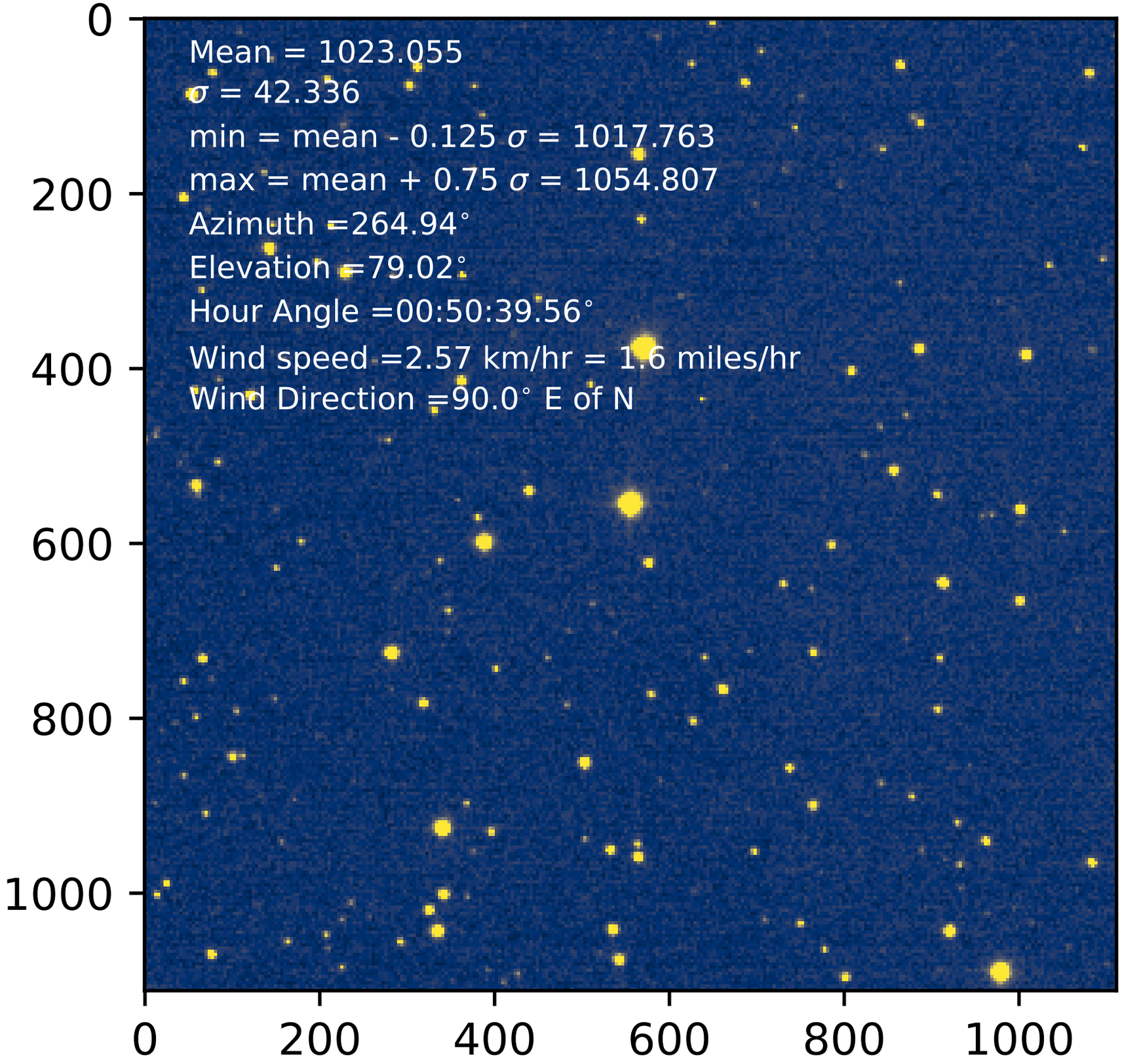

Mean = 1022.797
σ = 42.500
min = mean - 0.125 σ = 1017.485
max = mean + 0.75 σ = 1054.673
Azimuth =263.3°
Elevation =80.4°
Hour Angle =00:44:08.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

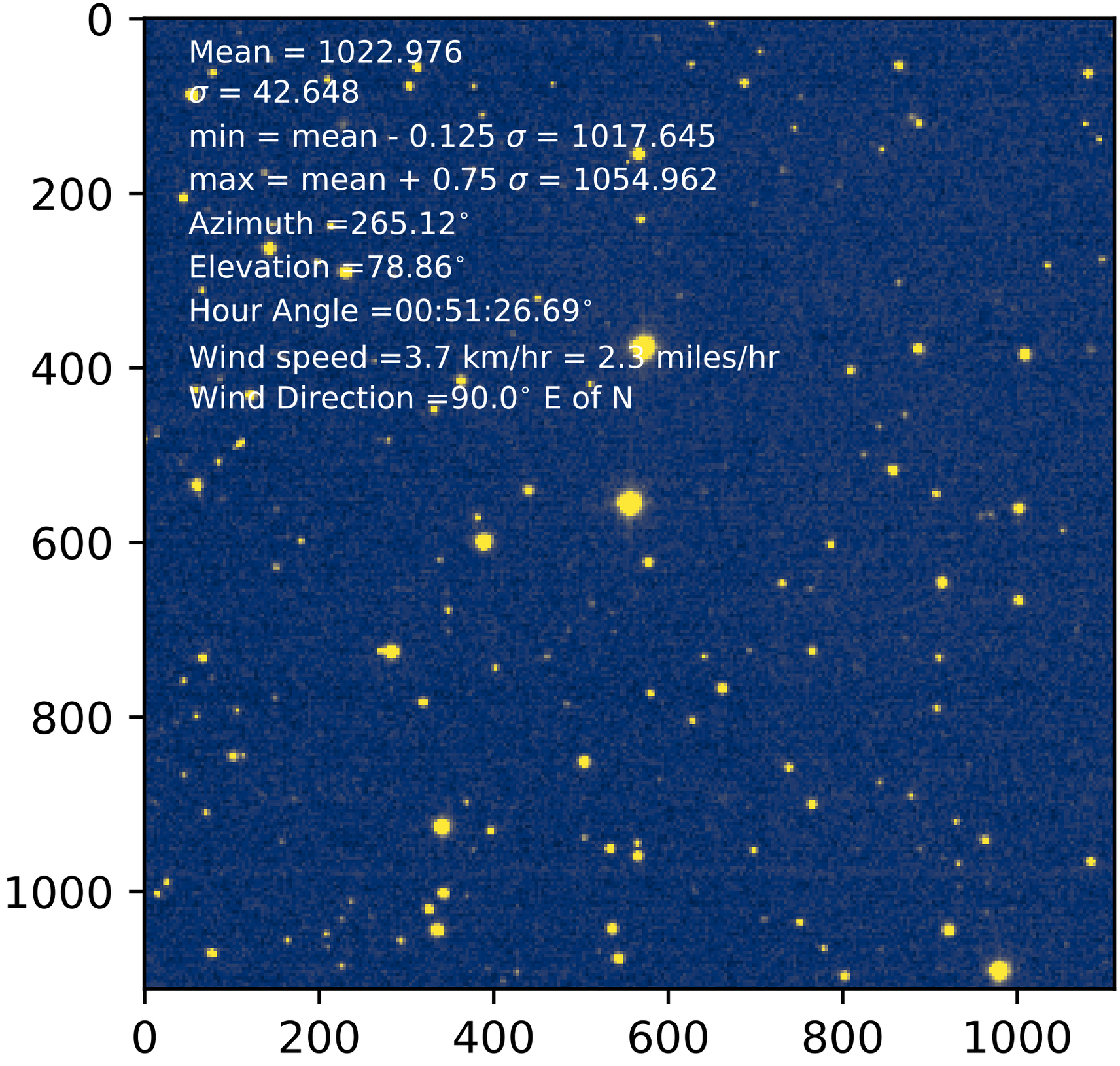

Mean = 1022.565
σ = 42.197
min = mean - 0.125 σ = 1017.29
max = mean + 0.75 σ = 1054.213
Azimuth =263.5°
Elevation =80.25°
Hour Angle =00:44:51.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

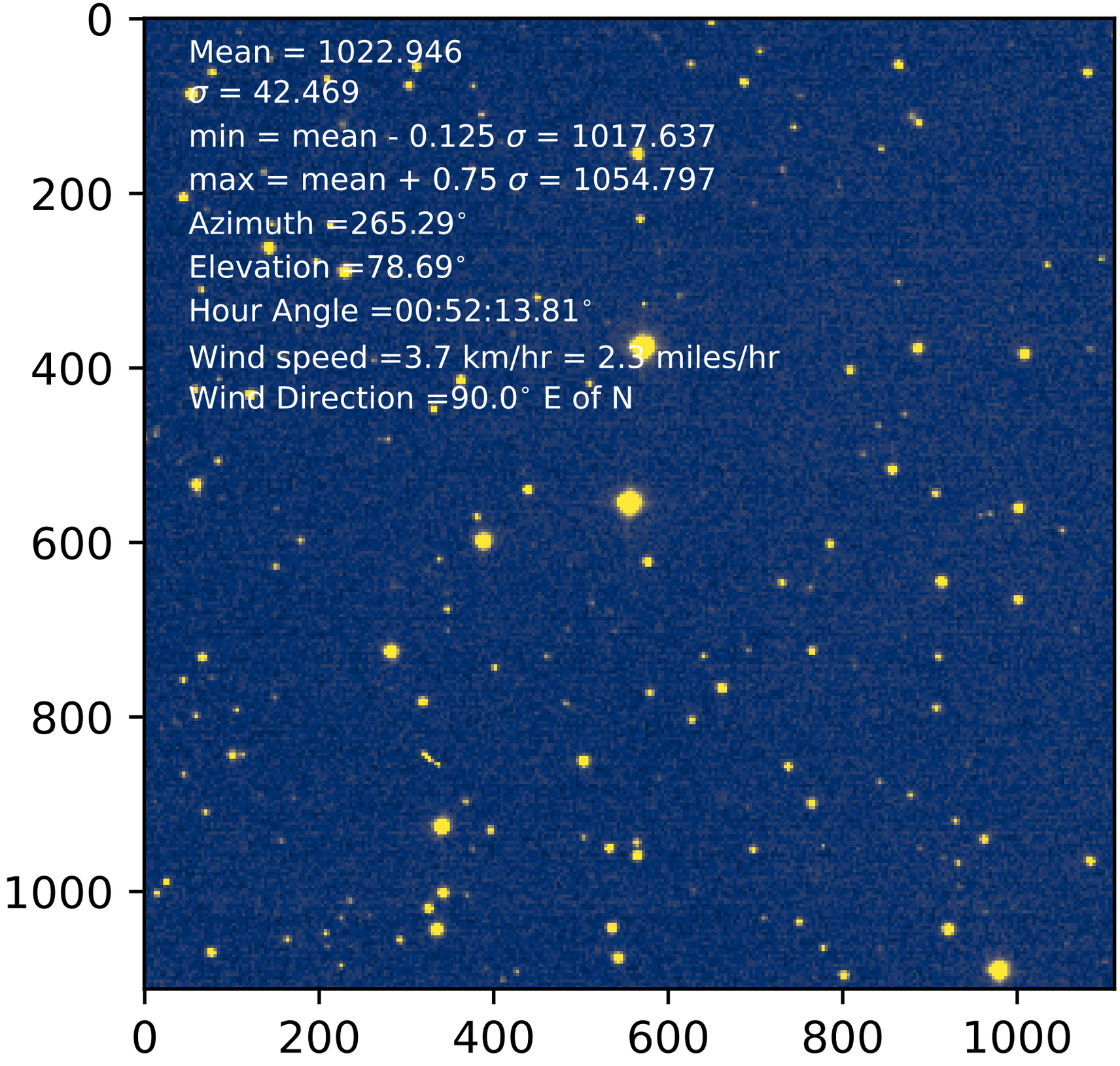

Mean = 1022.501
σ = 43.020
min = mean - 0.125 σ = 1017.123
max = mean + 0.75 σ = 1054.766
Azimuth =263.7°
Elevation =80.09°
Hour Angle =00:45:35.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

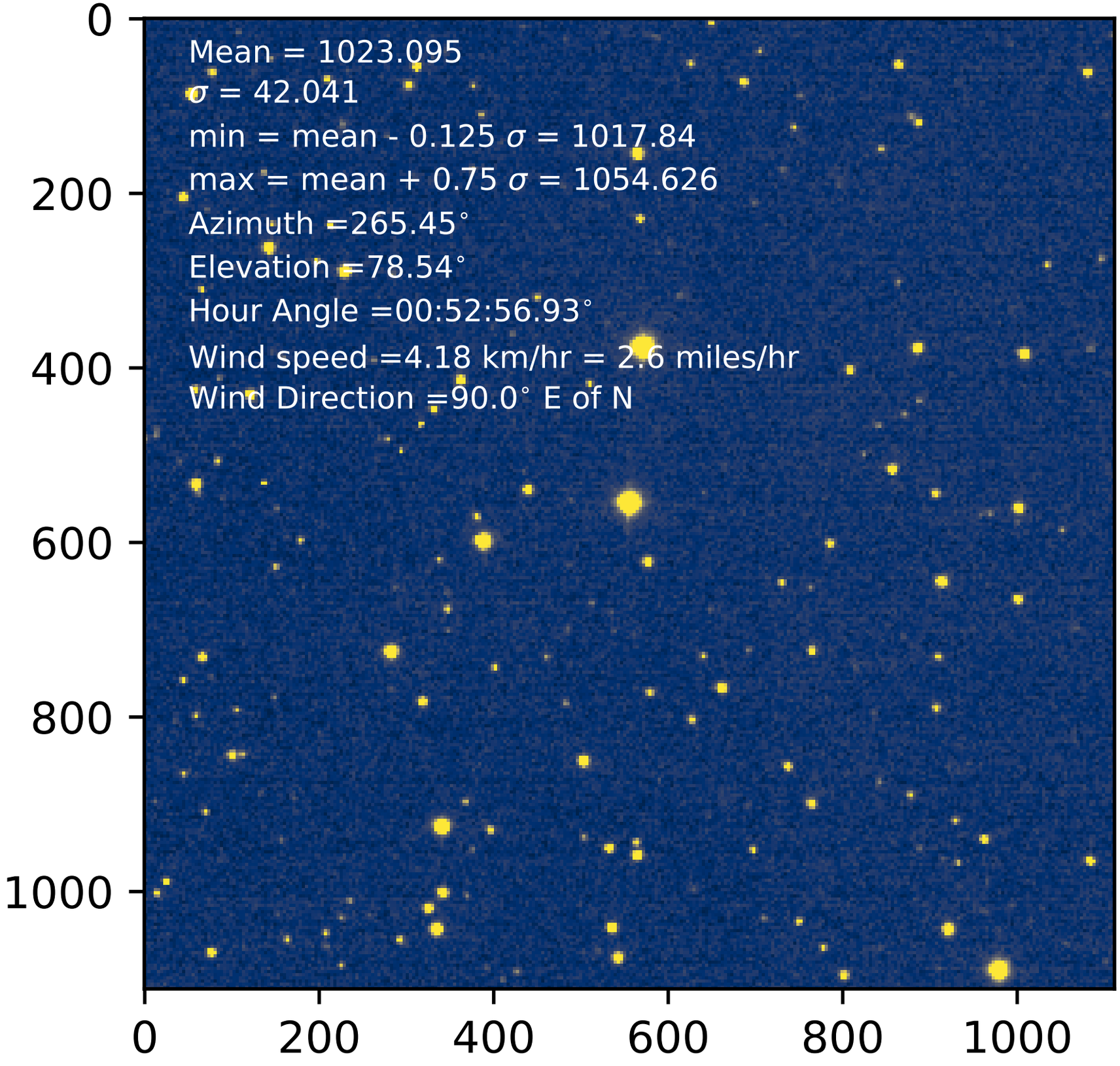

Mean = 1022.448
σ = 42.924
min = mean - 0.125 σ = 1017.082
max = mean + 0.75 σ = 1054.641
Azimuth =263.9°
Elevation =79.93°
Hour Angle =00:46:22.86°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

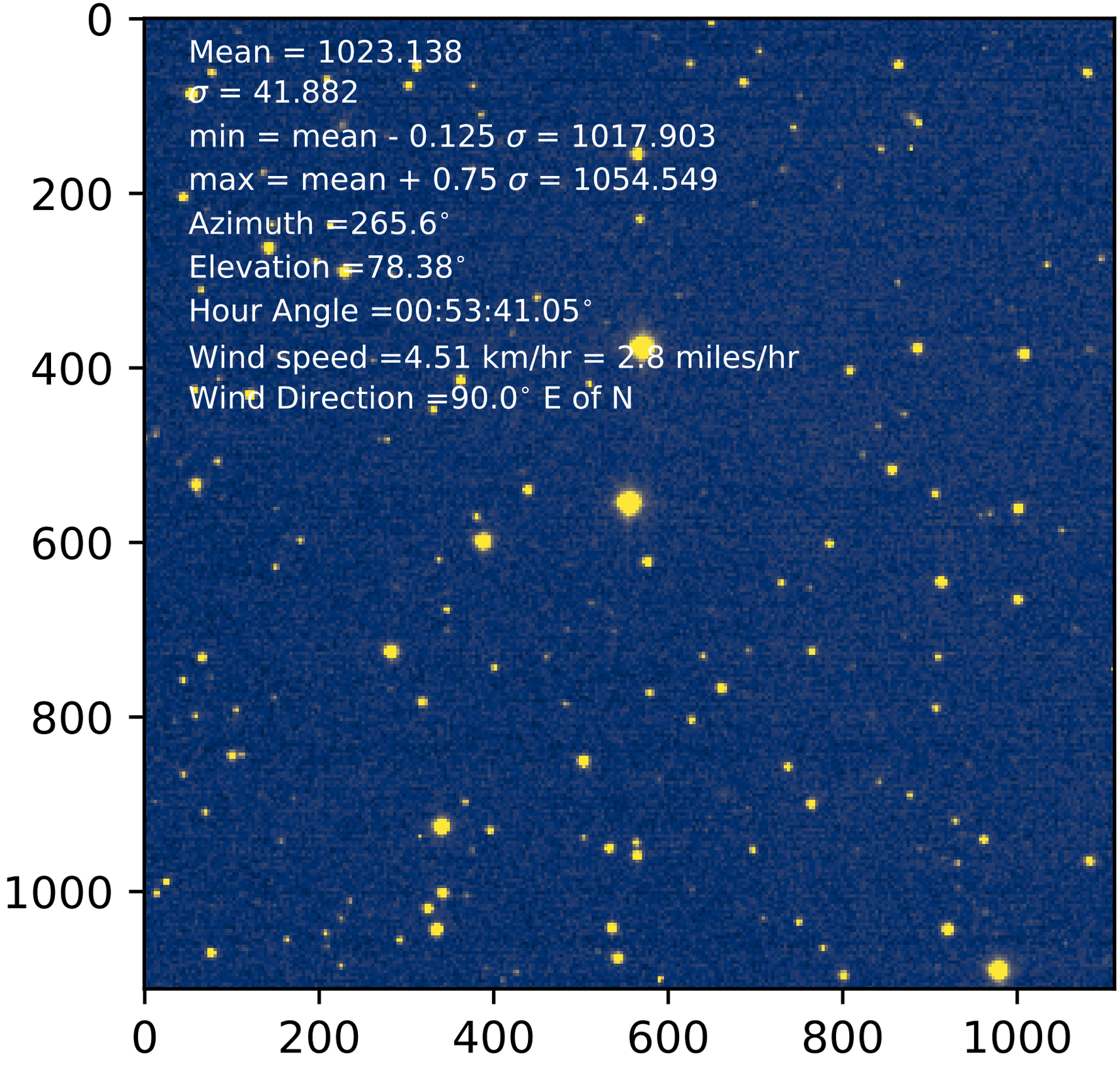

Mean = 1022.498
σ = 42.374
min = mean - 0.125 σ = 1017.201
max = mean + 0.75 σ = 1054.278
Azimuth =264.08°
Elevation =79.78°
Hour Angle =00:47:05.97°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

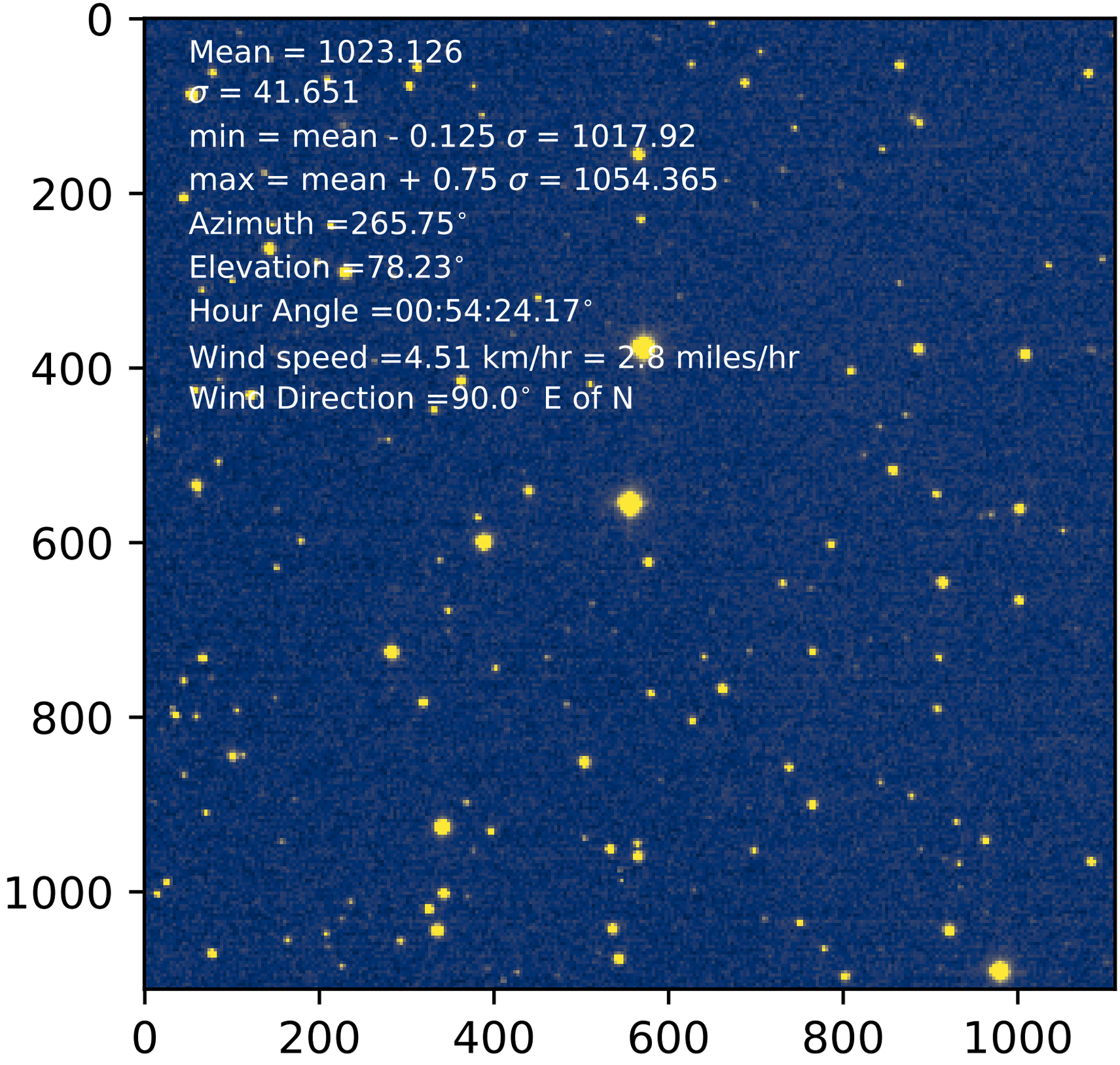

Mean = 1023.055
σ = 42.336
min = mean - 0.125 σ = 1017.763
max = mean + 0.75 σ = 1054.807
Azimuth =264.94°
Elevation =79.02°
Hour Angle =00:50:39.56°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

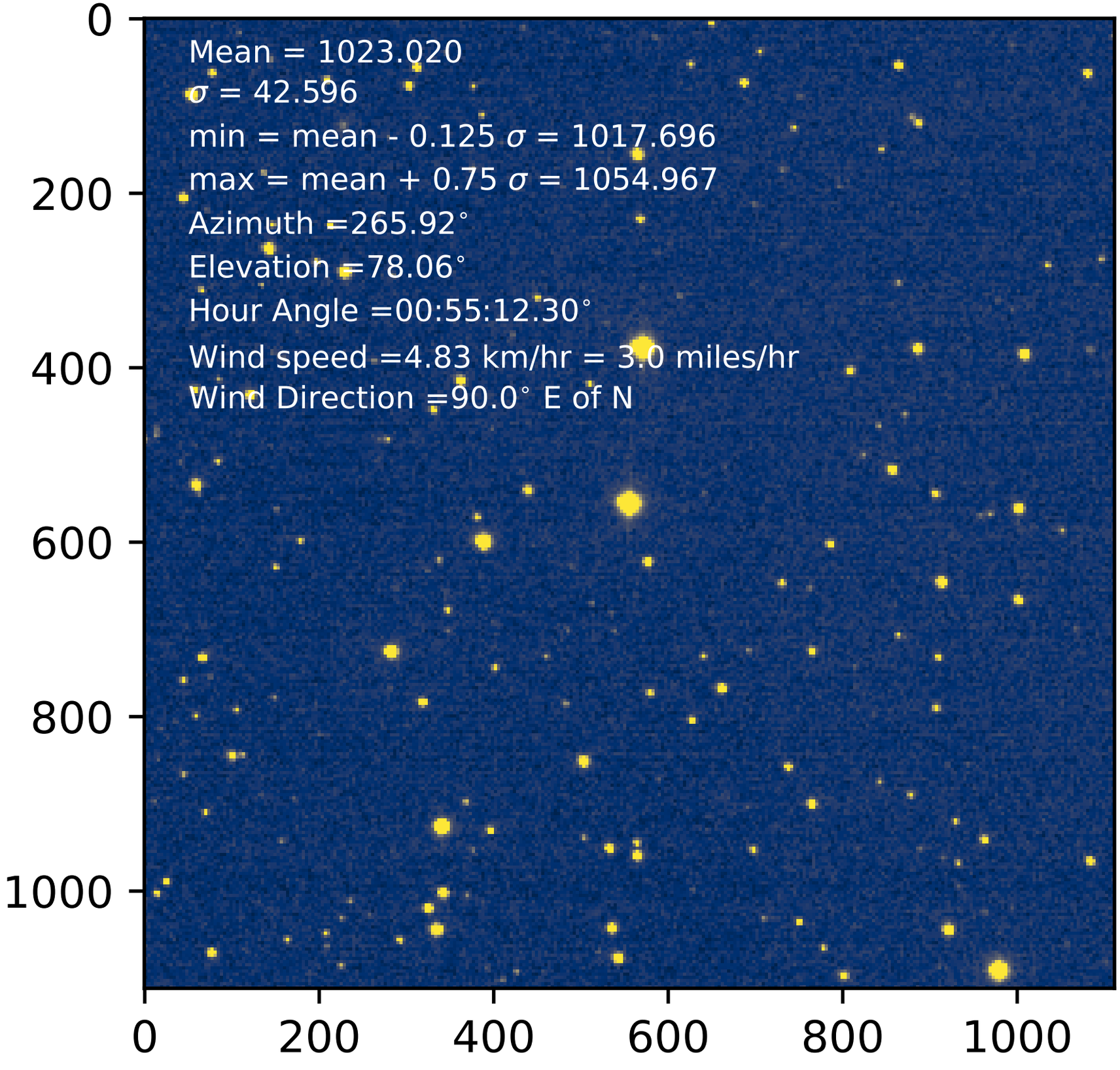

Mean = 1022.976
σ = 42.648
min = mean - 0.125 σ = 1017.645
max = mean + 0.75 σ = 1054.962
Azimuth =265.12°
Elevation =78.86°
Hour Angle =00:51:26.69°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

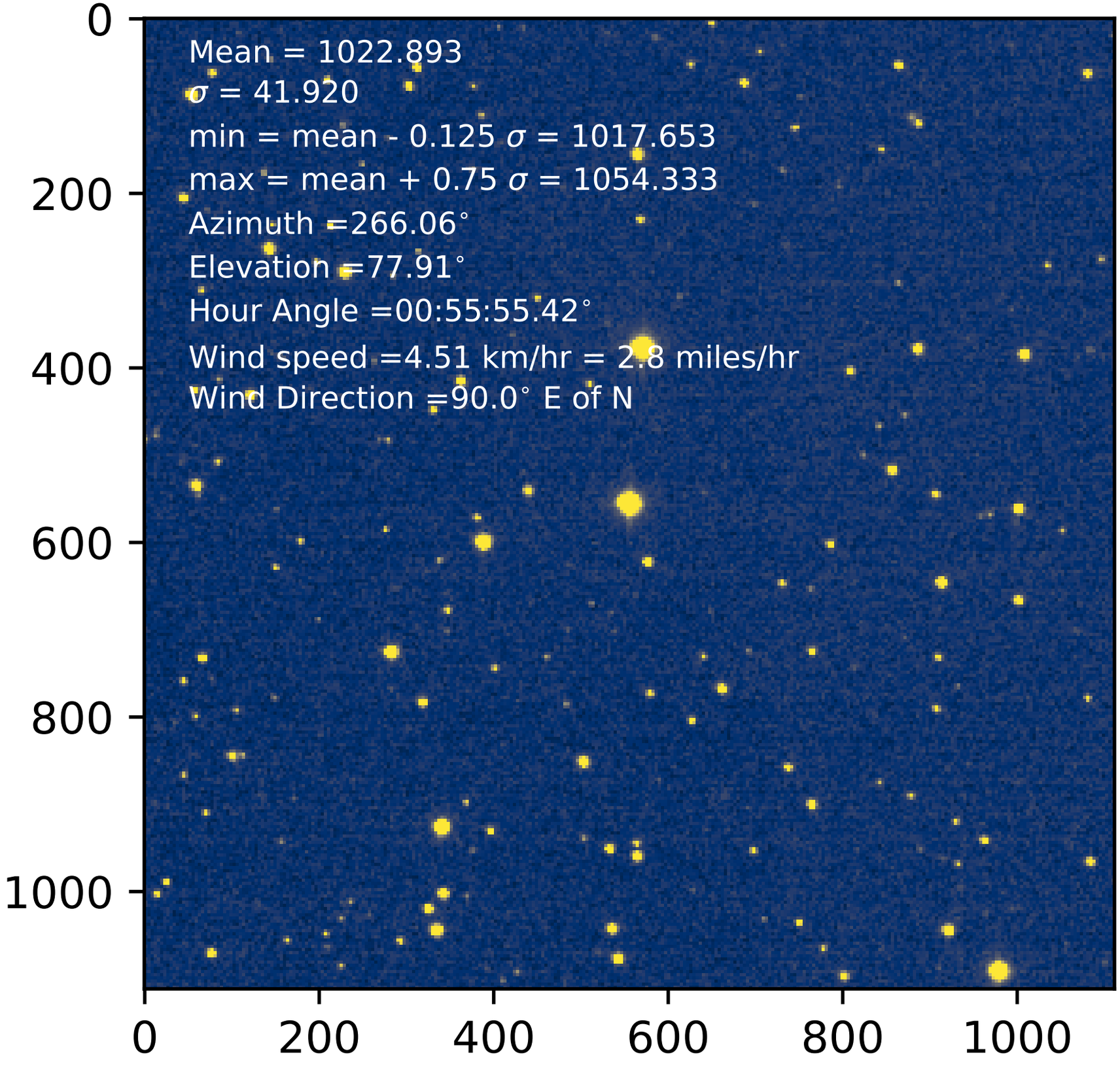

Mean = 1022.946
σ = 42.469
min = mean - 0.125 σ = 1017.637
max = mean + 0.75 σ = 1054.797
Azimuth =265.29°
Elevation =78.69°
Hour Angle =00:52:13.81°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

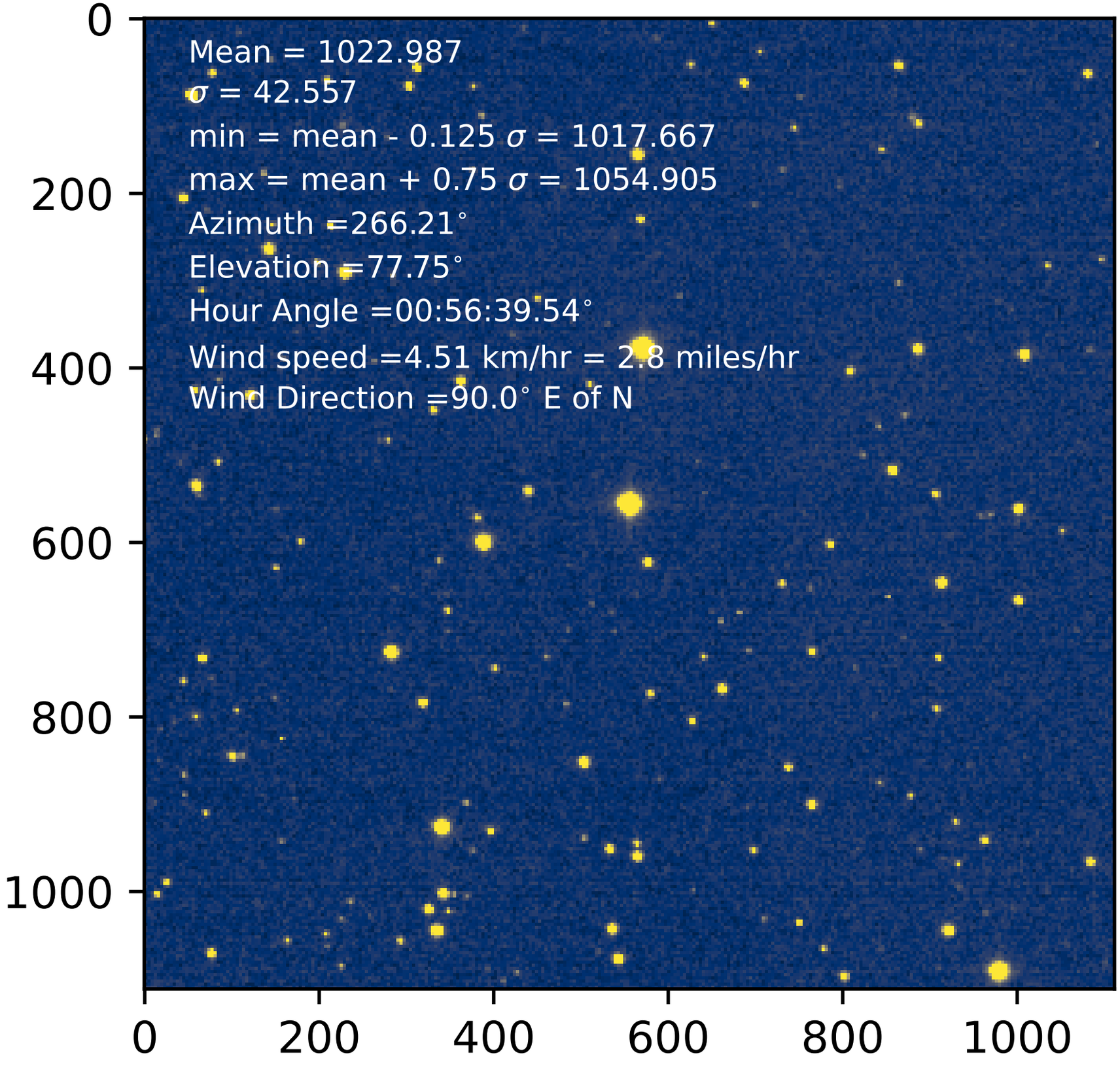

Mean = 1023.095
σ = 42.041
min = mean - 0.125 σ = 1017.84
max = mean + 0.75 σ = 1054.626
Azimuth =265.45°
Elevation =78.54°
Hour Angle =00:52:56.93°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

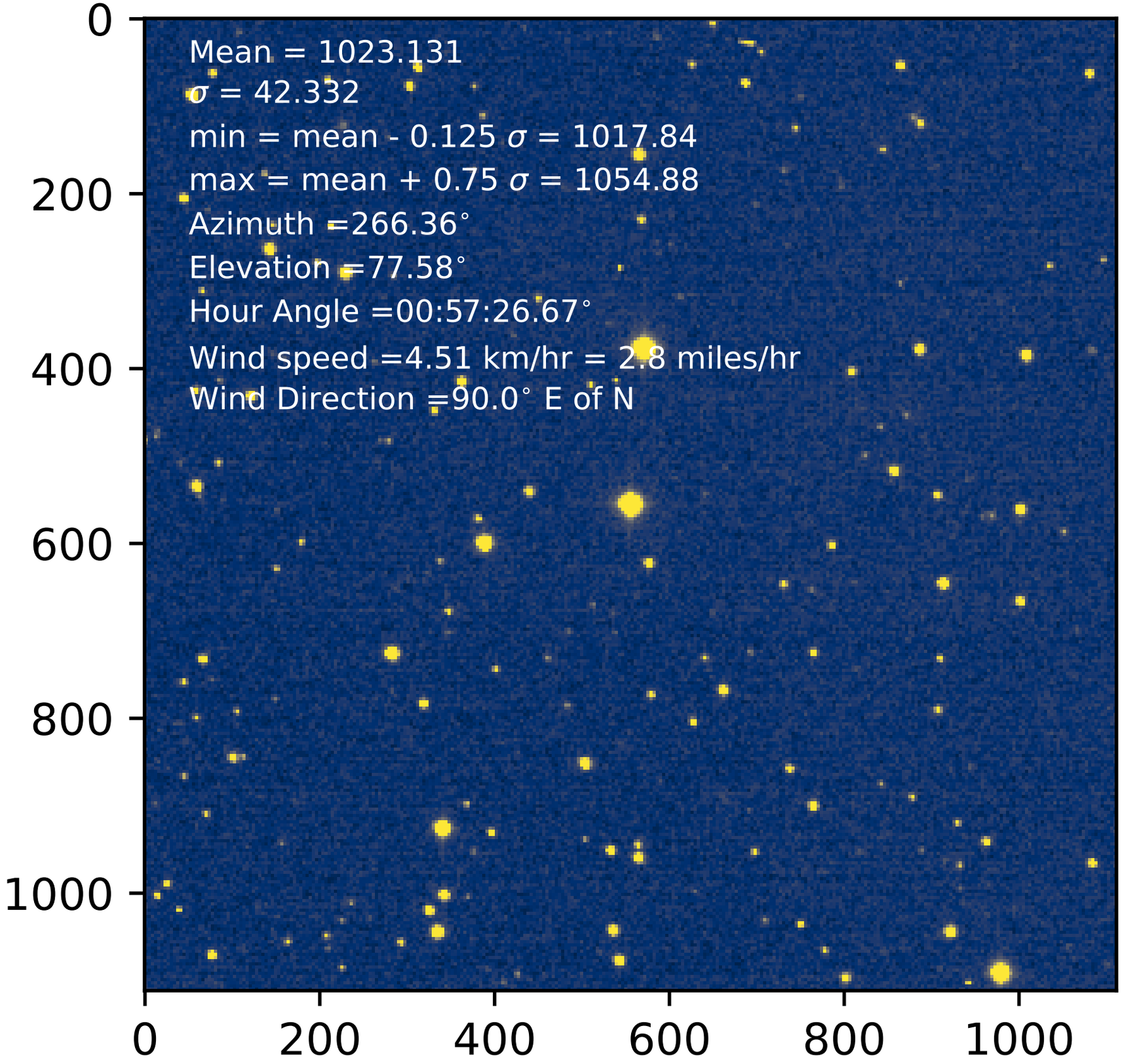

Mean = 1023.138
σ = 41.882
min = mean - 0.125 σ = 1017.903
max = mean + 0.75 σ = 1054.549
Azimuth =265.6°
Elevation =78.38°
Hour Angle =00:53:41.05°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

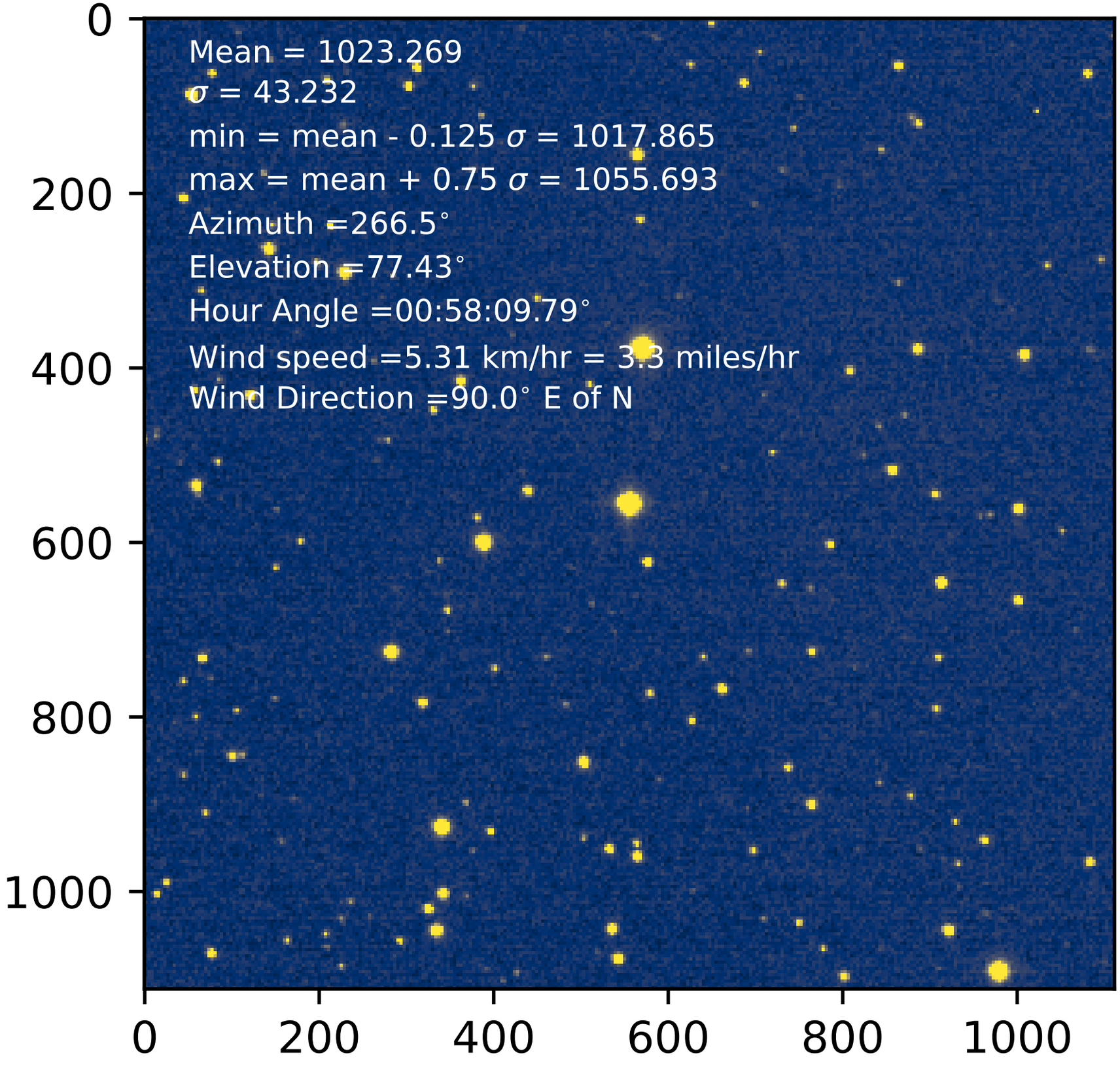

Mean = 1023.126
σ = 41.651
min = mean - 0.125 σ = 1017.92
max = mean + 0.75 σ = 1054.365
Azimuth =265.75°
Elevation =78.23°
Hour Angle =00:54:24.17°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

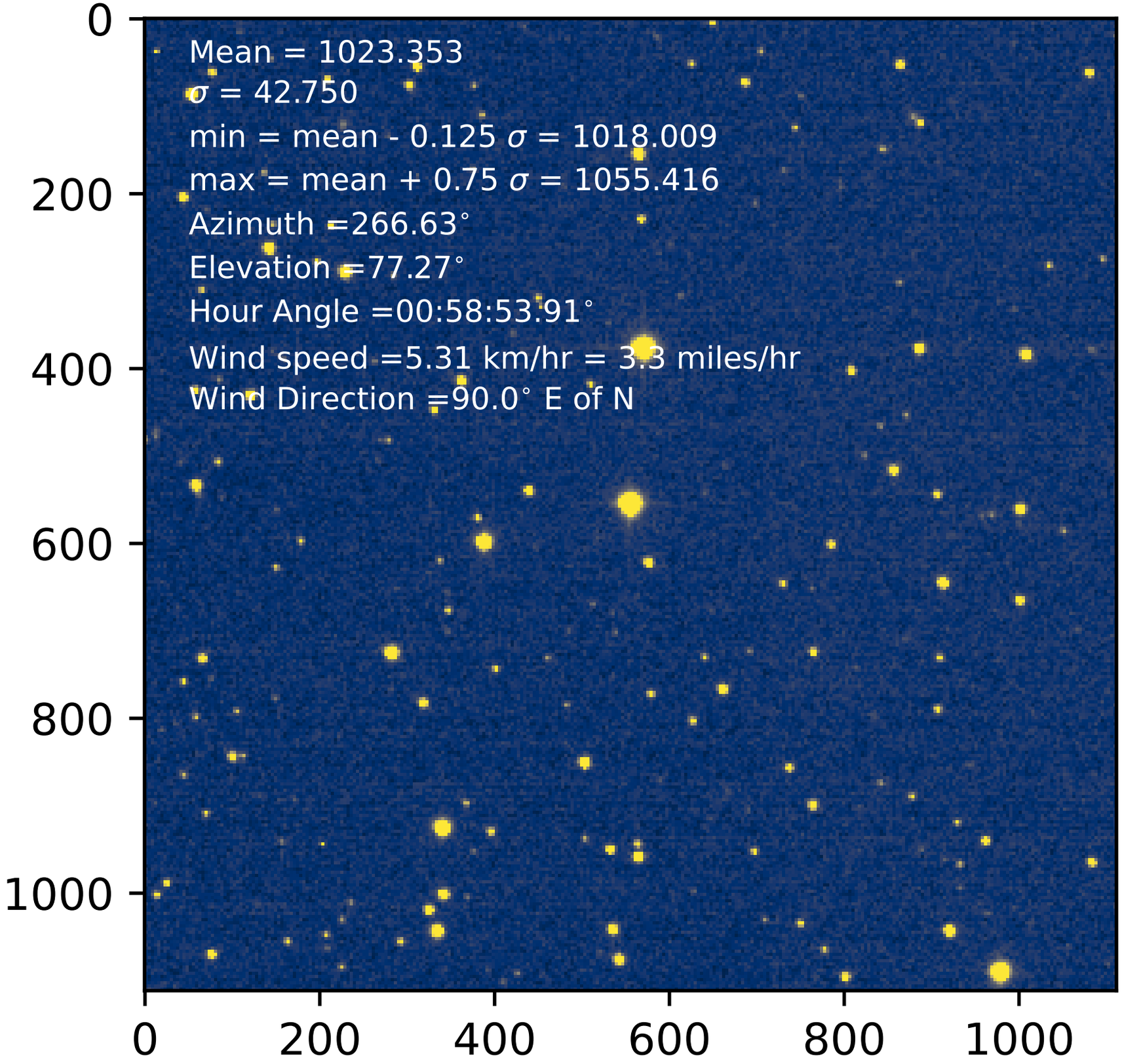

Mean = 1023.020
σ = 42.596
min = mean - 0.125 σ = 1017.696
max = mean + 0.75 σ = 1054.967
Azimuth =265.92°
Elevation =78.06°
Hour Angle =00:55:12.30°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

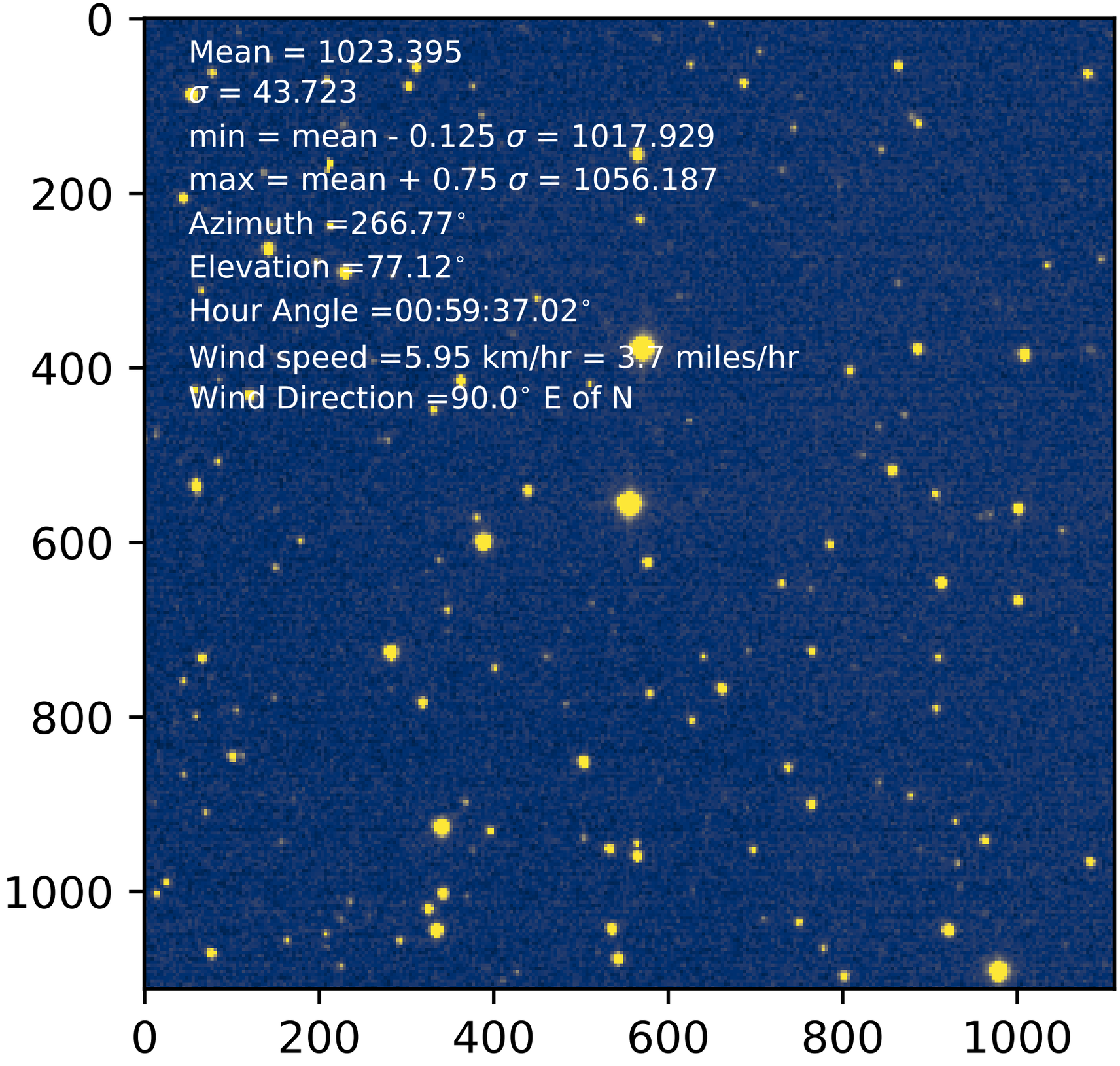

Mean = 1022.893
σ = 41.920
min = mean - 0.125 σ = 1017.653
max = mean + 0.75 σ = 1054.333
Azimuth =266.06°
Elevation =77.91°
Hour Angle =00:55:55.42°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

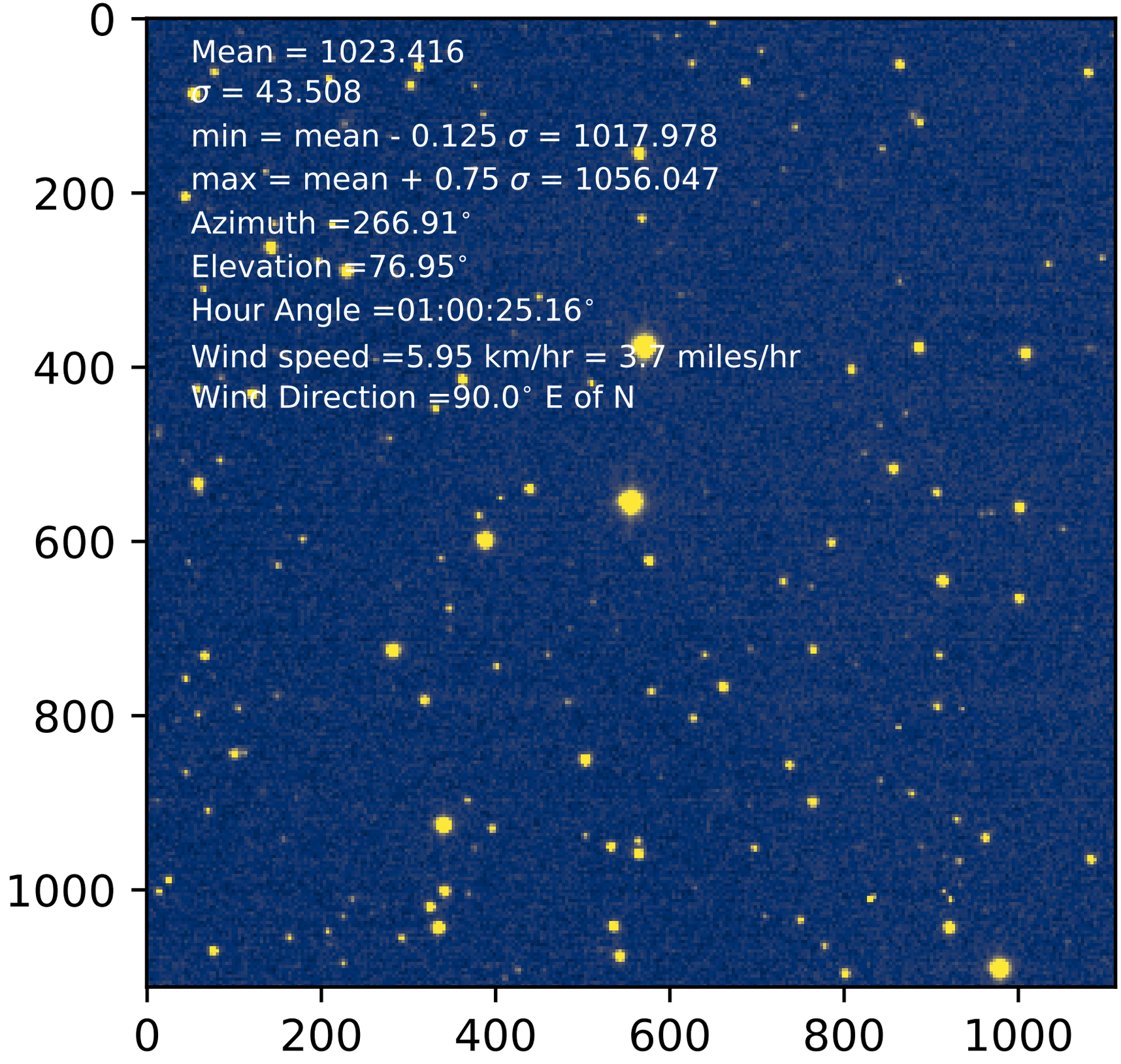

Mean = 1022.987
σ = 42.557
min = mean - 0.125 σ = 1017.667
max = mean + 0.75 σ = 1054.905
Azimuth =266.21°
Elevation =77.75°
Hour Angle =00:56:39.54°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

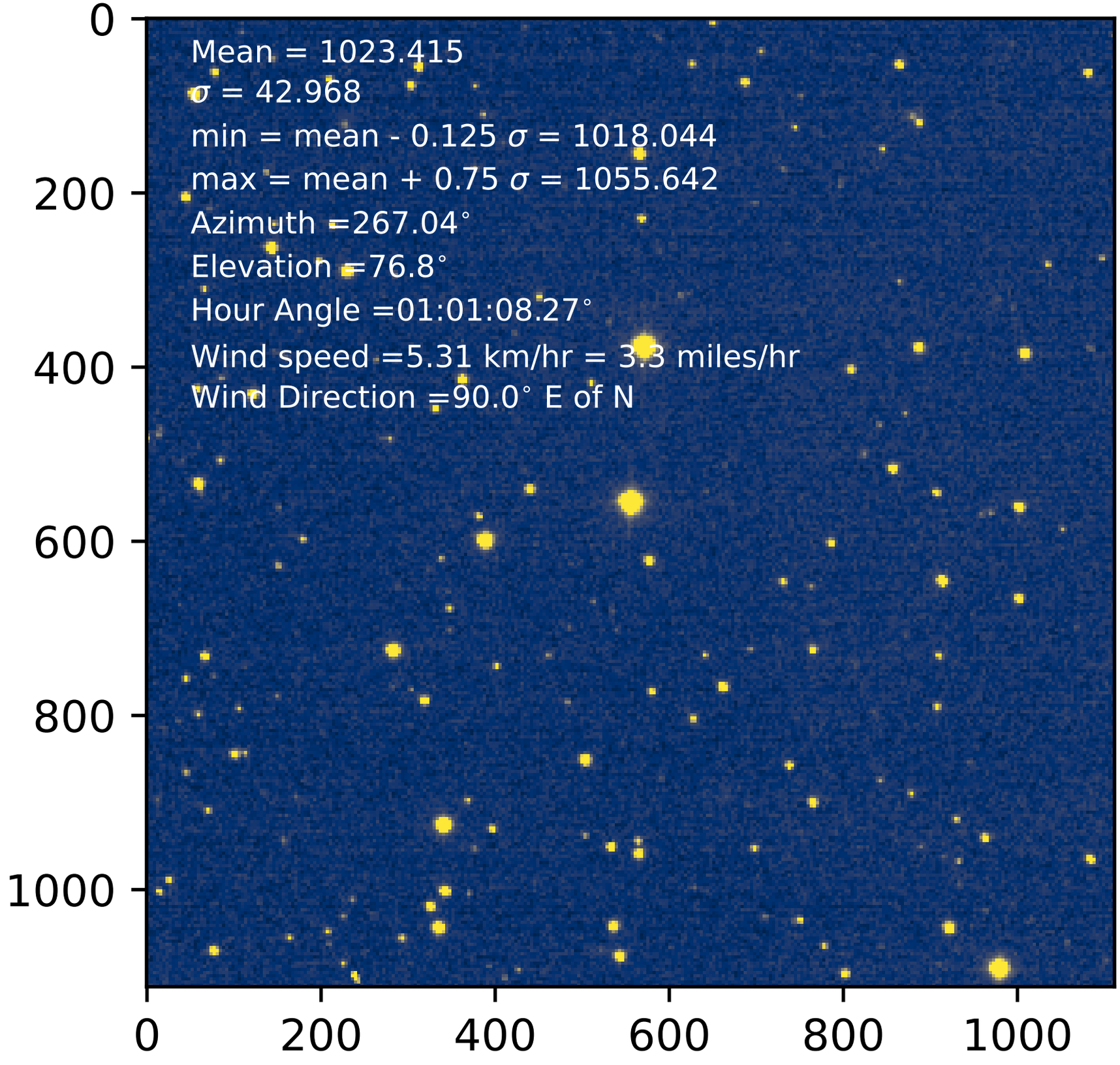

Mean = 1023.131
σ = 42.332
min = mean - 0.125 σ = 1017.84
max = mean + 0.75 σ = 1054.88
Azimuth =266.36°
Elevation =77.58°
Hour Angle =00:57:26.67°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

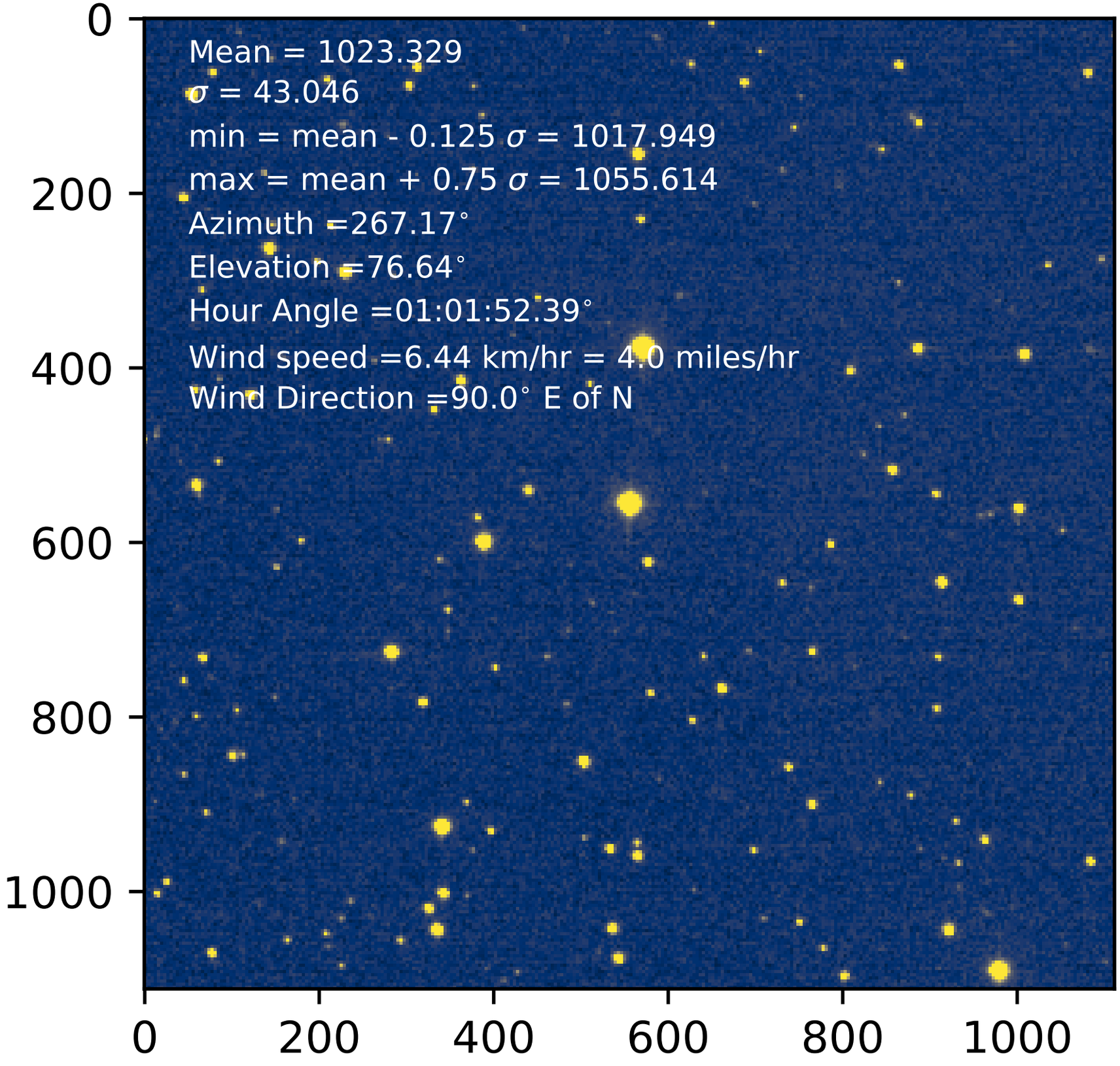

Mean = 1023.269
σ = 43.232
min = mean - 0.125 σ = 1017.865
max = mean + 0.75 σ = 1055.693
Azimuth =266.5°
Elevation =77.43°
Hour Angle =00:58:09.79°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

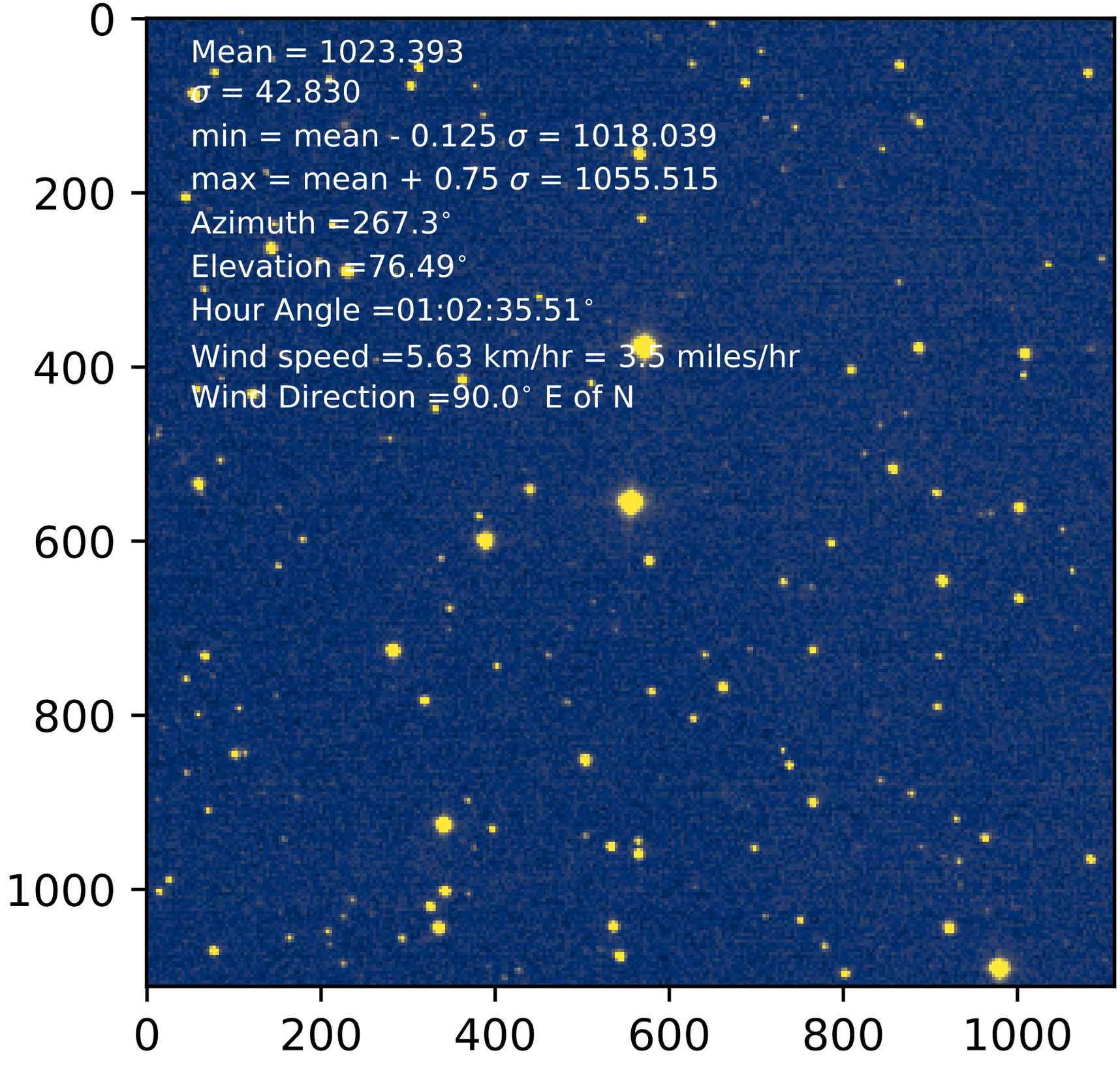

Mean = 1023.353
σ = 42.750
min = mean - 0.125 σ = 1018.009
max = mean + 0.75 σ = 1055.416
Azimuth =266.63°
Elevation =77.27°
Hour Angle =00:58:53.91°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

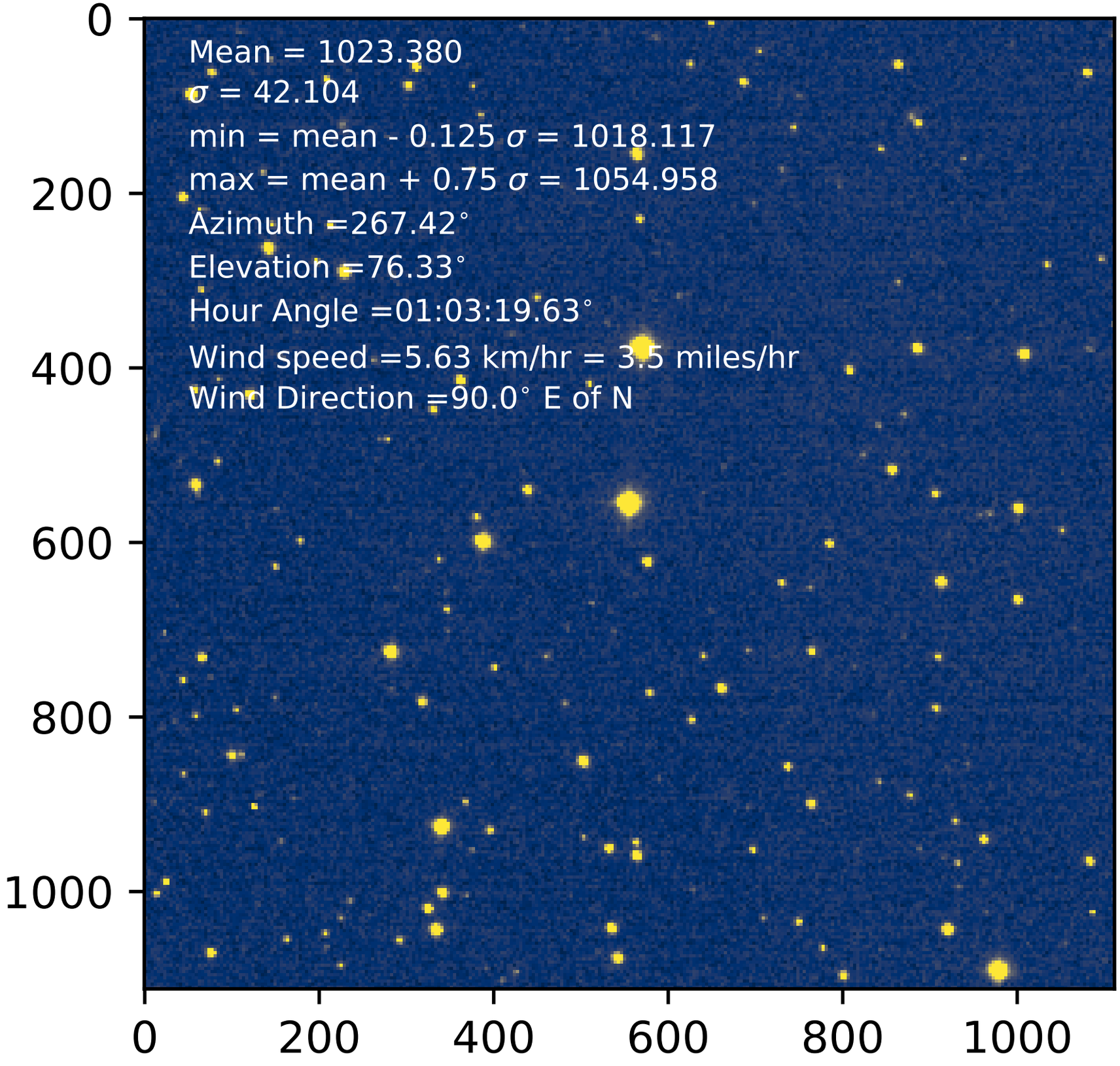

Mean = 1023.395
σ = 43.723
min = mean - 0.125 σ = 1017.929
max = mean + 0.75 σ = 1056.187
Azimuth =266.77°
Elevation =77.12°
Hour Angle =00:59:37.02°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

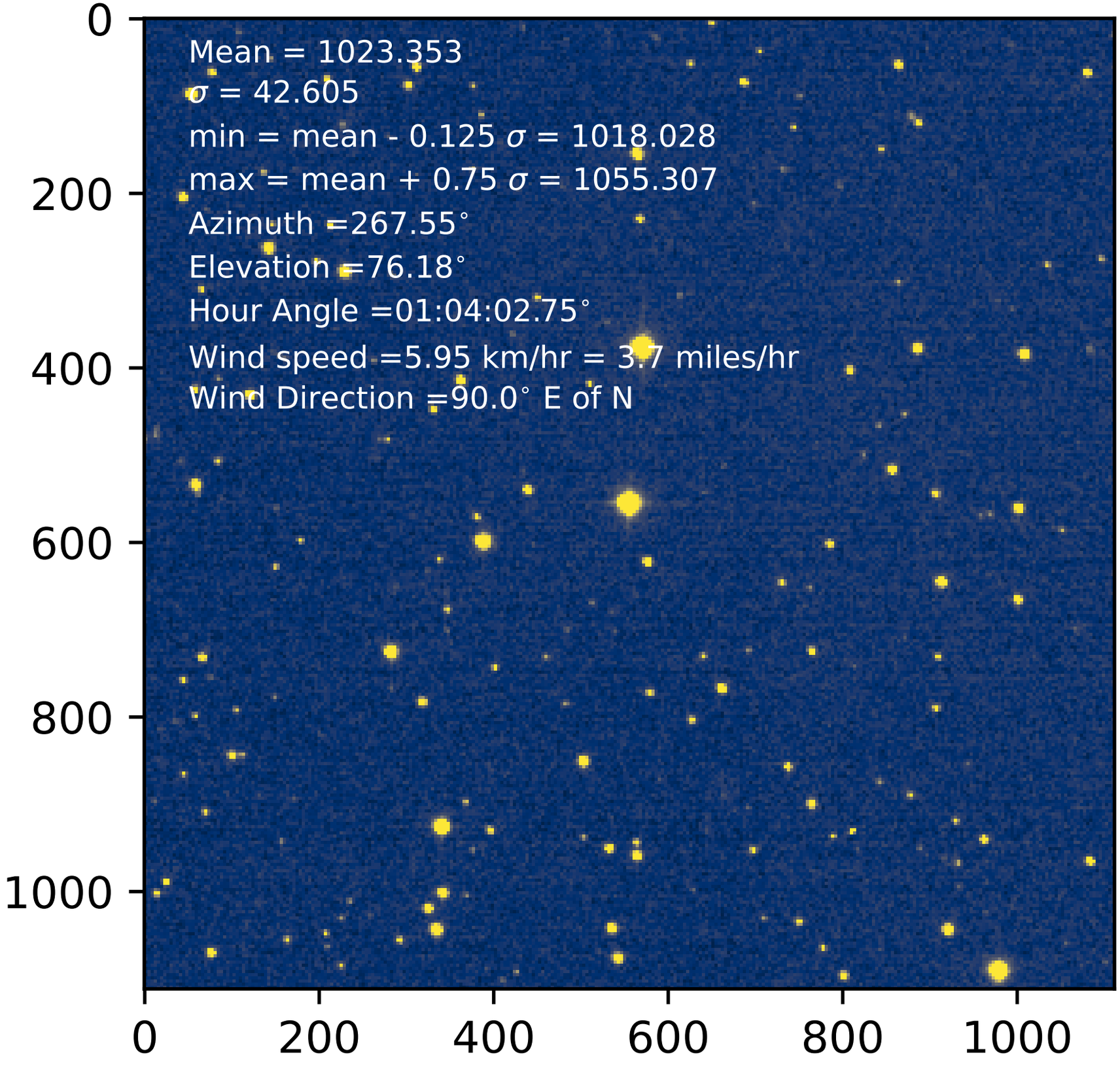

Mean = 1023.416
σ = 43.508
min = mean - 0.125 σ = 1017.978
max = mean + 0.75 σ = 1056.047
Azimuth =266.91°
Elevation =76.95°
Hour Angle =01:00:25.16°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

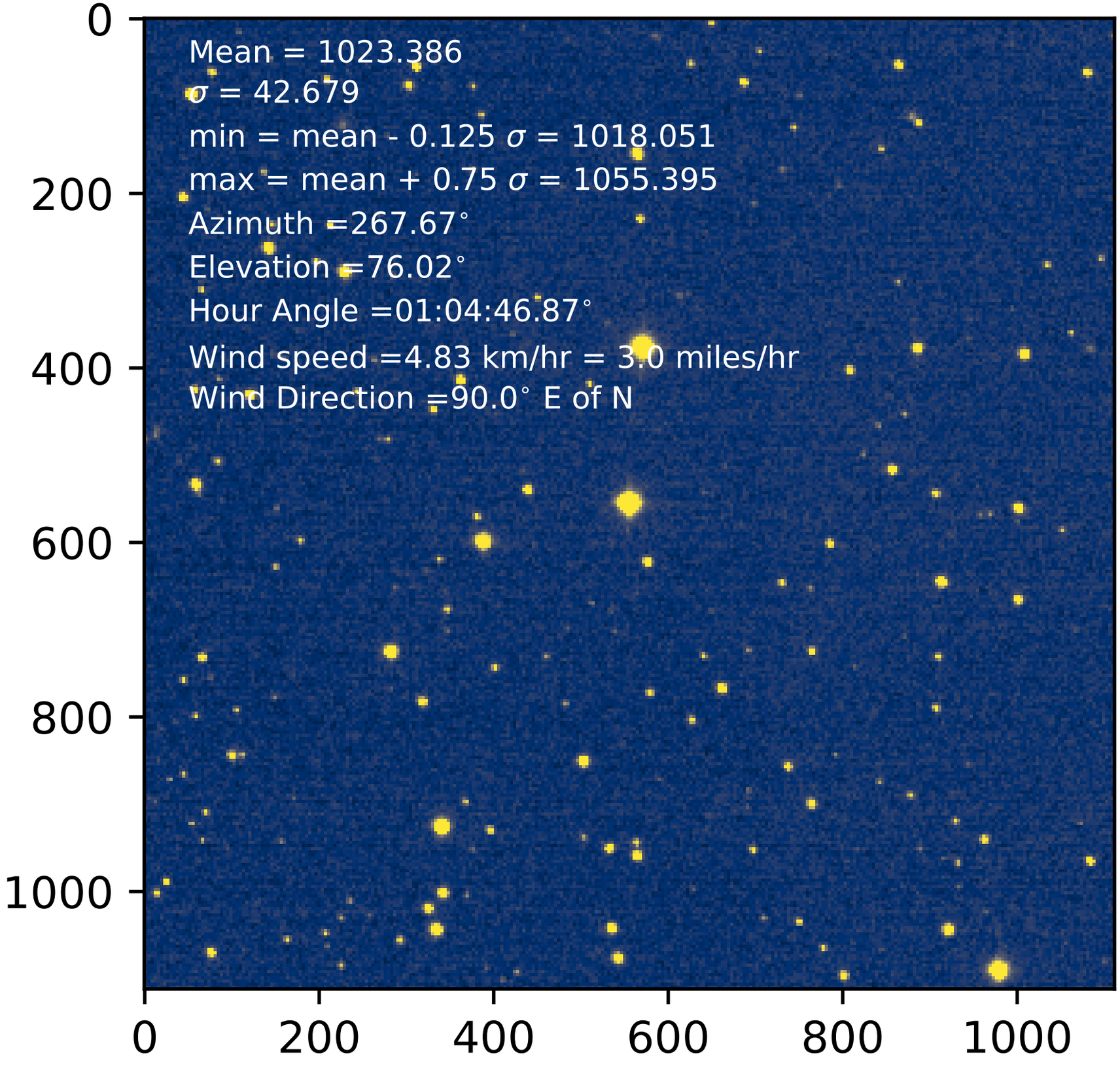

Mean = 1023.415
σ = 42.968
min = mean - 0.125 σ = 1018.044
max = mean + 0.75 σ = 1055.642
Azimuth =267.04°
Elevation =76.8°
Hour Angle =01:01:08.27°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

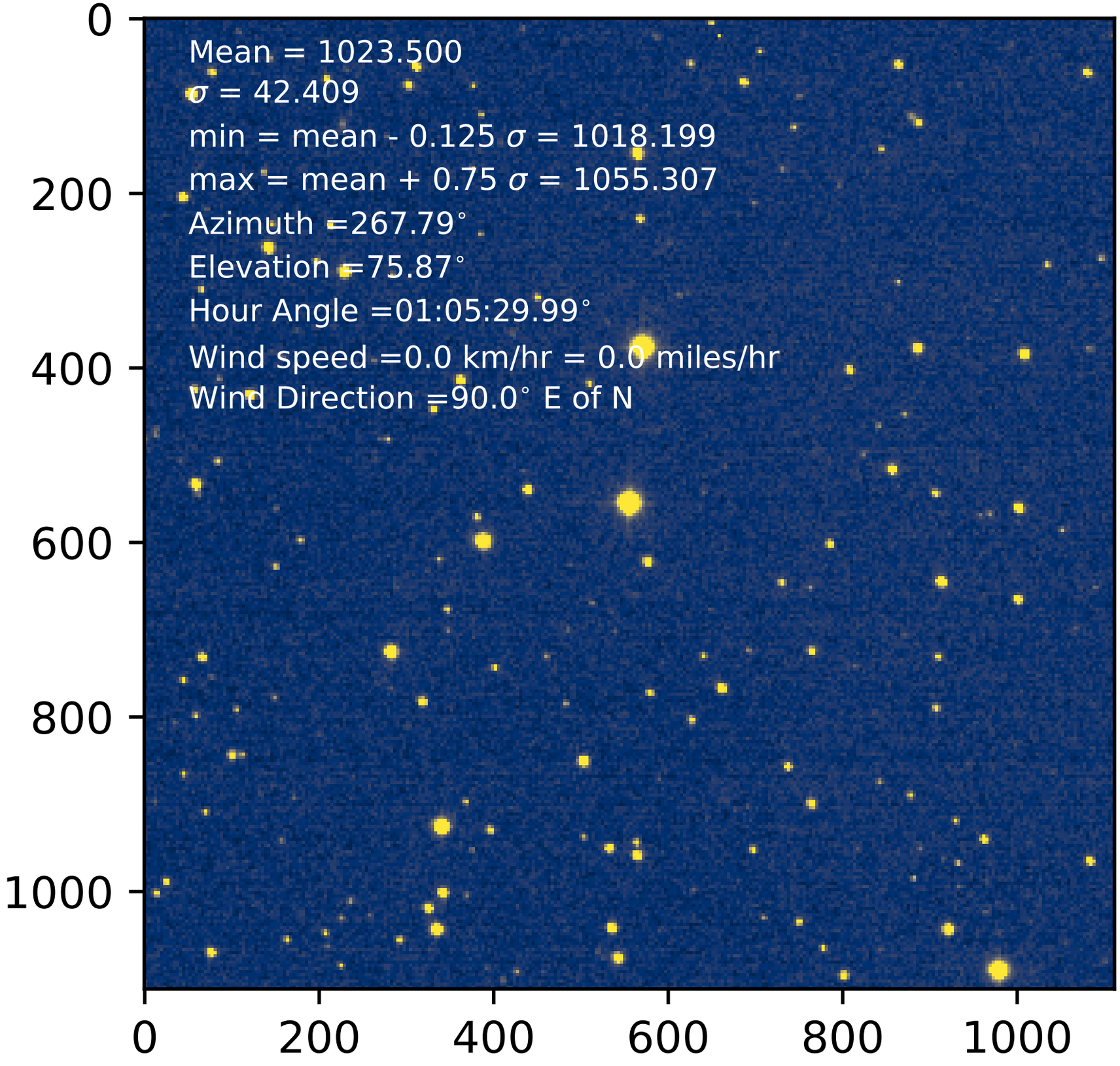

Mean = 1023.329
σ = 43.046
min = mean - 0.125 σ = 1017.949
max = mean + 0.75 σ = 1055.614
Azimuth =267.17°
Elevation =76.64°
Hour Angle =01:01:52.39°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

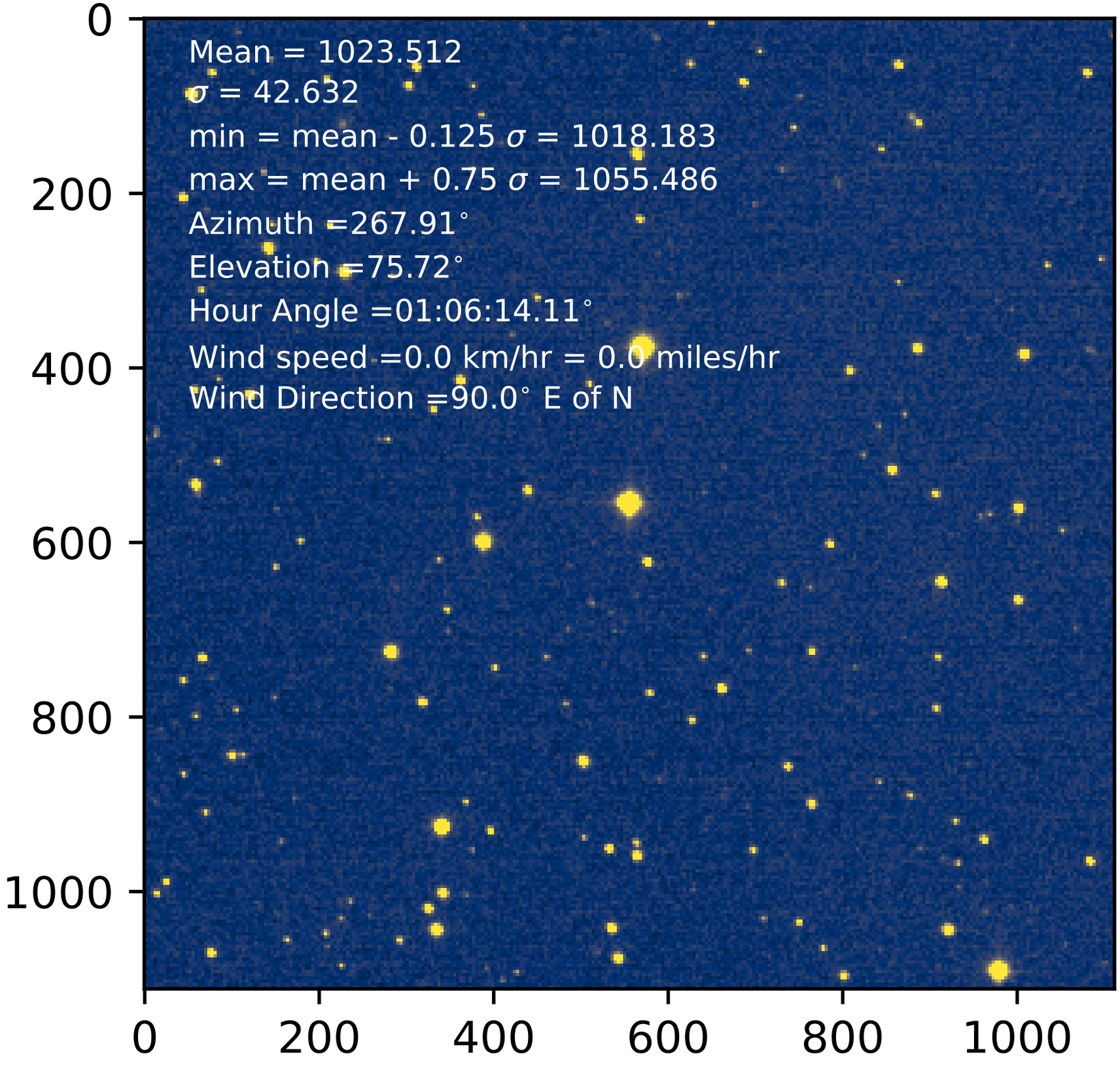

Mean = 1023.393
σ = 42.830
min = mean - 0.125 σ = 1018.039
max = mean + 0.75 σ = 1055.515
Azimuth =267.3°
Elevation =76.49°
Hour Angle =01:02:35.51°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

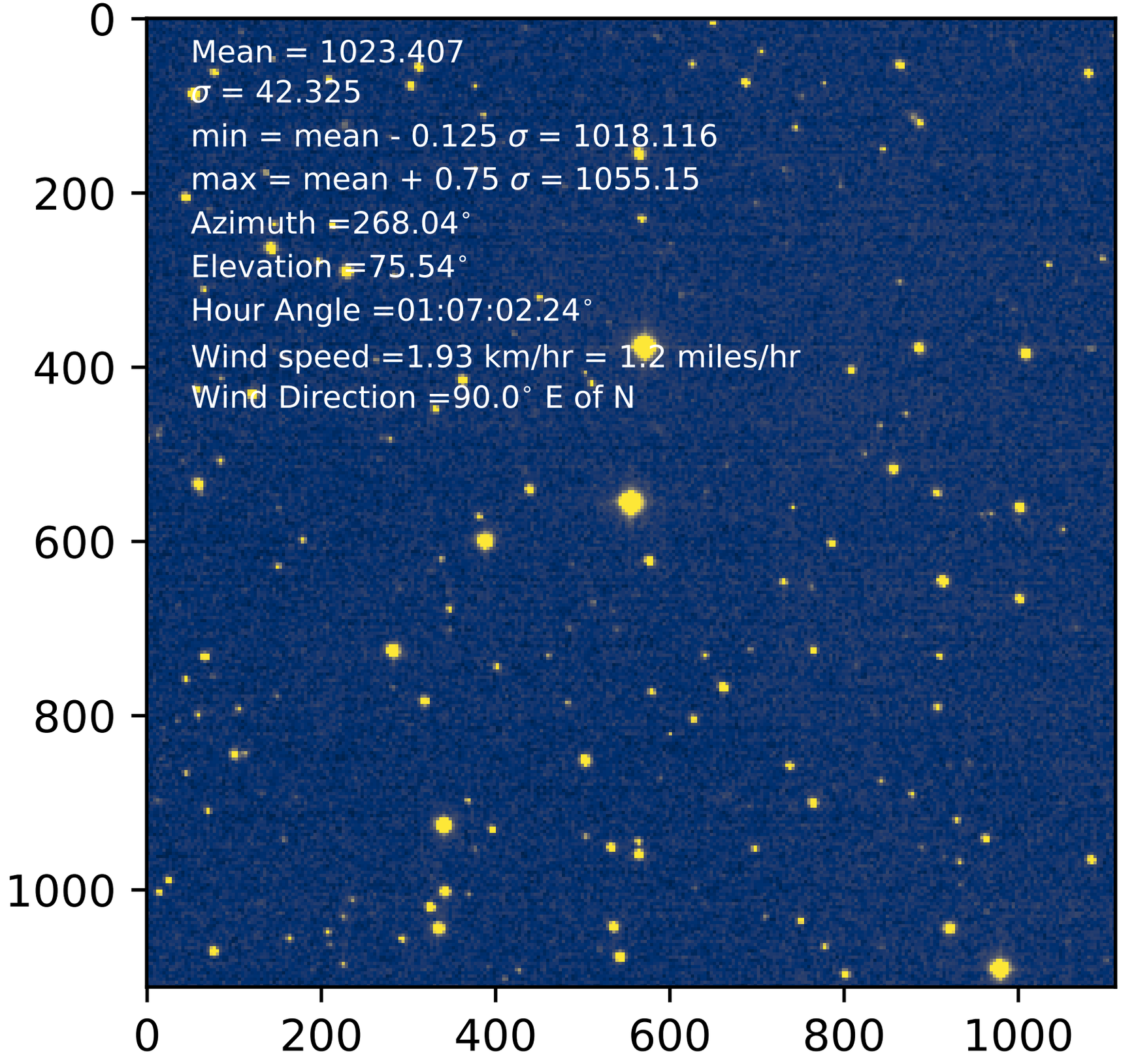

Mean = 1023.380
σ = 42.104
min = mean - 0.125 σ = 1018.117
max = mean + 0.75 σ = 1054.958
Azimuth =267.42°
Elevation =76.33°
Hour Angle =01:03:19.63°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

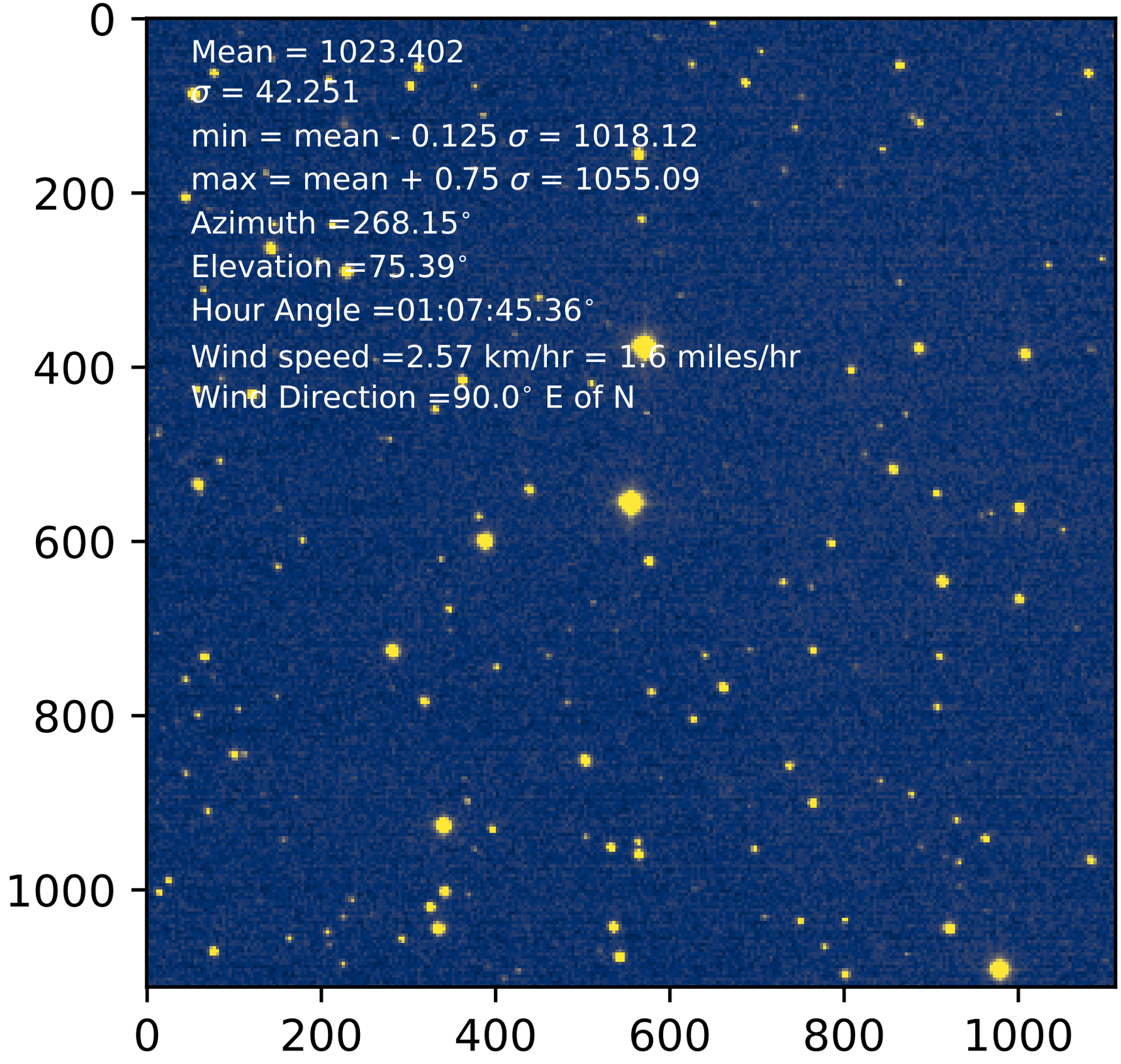

Mean = 1023.353
σ = 42.605
min = mean - 0.125 σ = 1018.028
max = mean + 0.75 σ = 1055.307
Azimuth =267.55°
Elevation =76.18°
Hour Angle =01:04:02.75°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

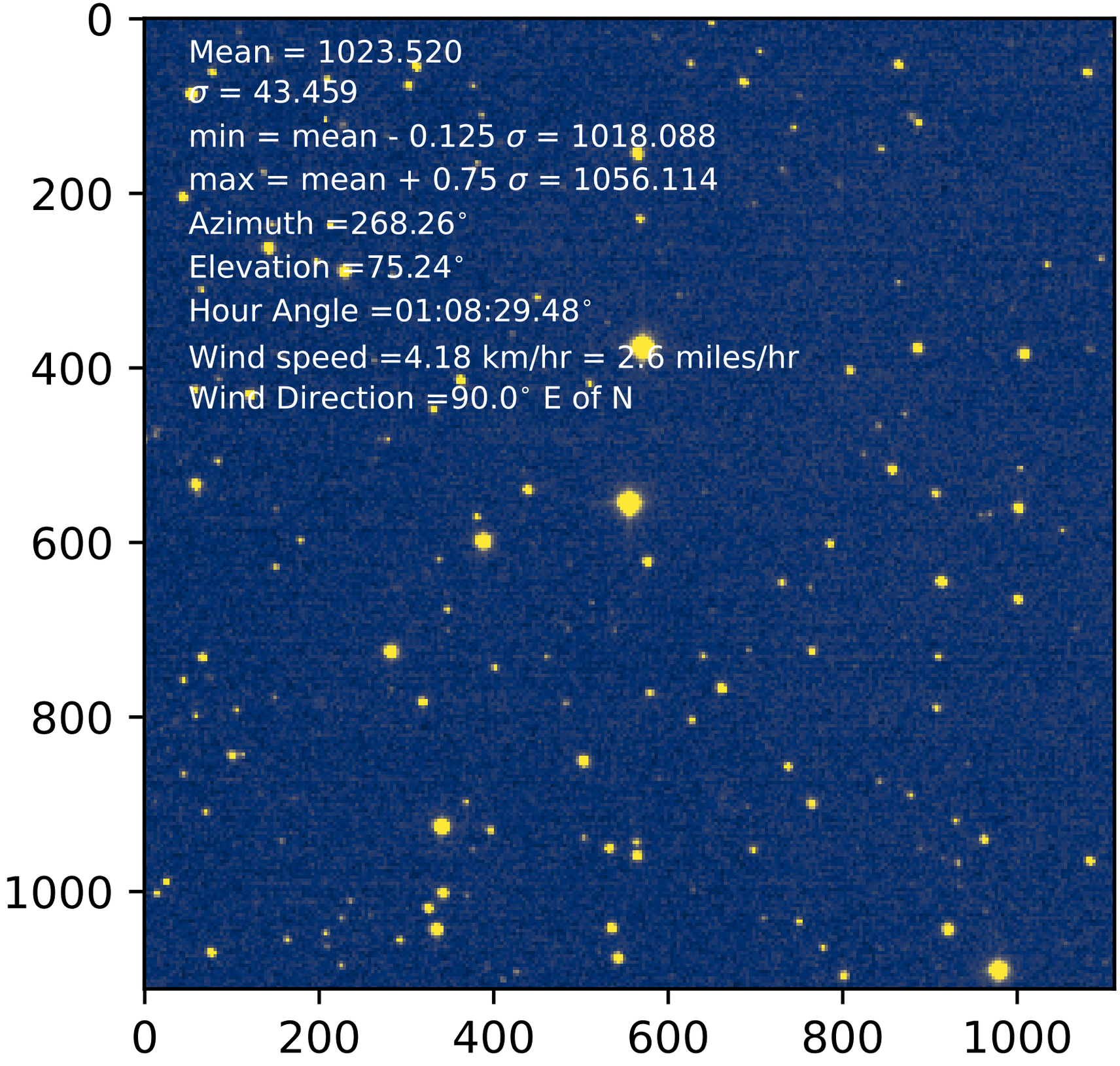

Mean = 1023.386
σ = 42.679
min = mean - 0.125 σ = 1018.051
max = mean + 0.75 σ = 1055.395
Azimuth =267.67°
Elevation =76.02°
Hour Angle =01:04:46.87°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

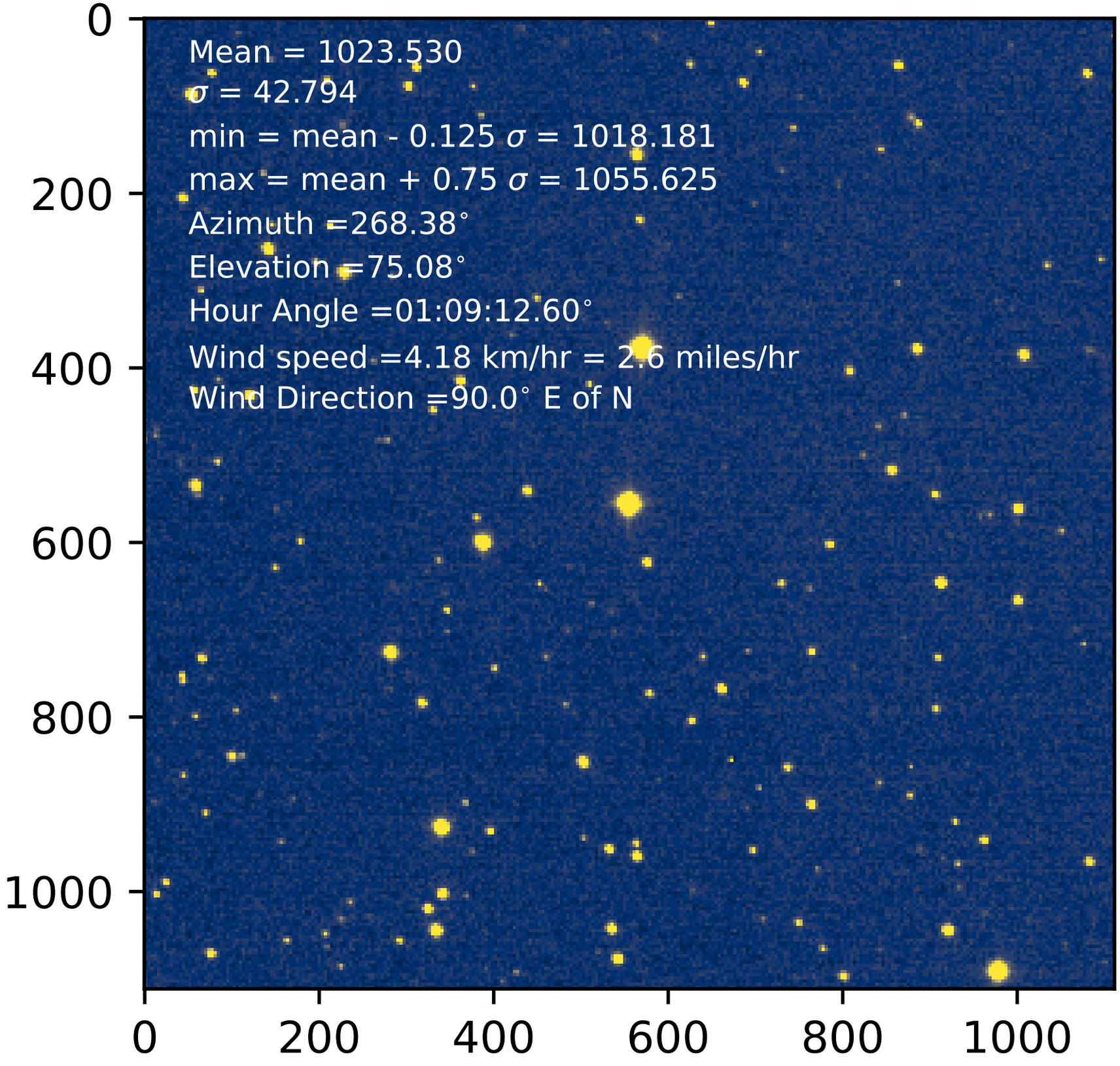

Mean = 1023.500
σ = 42.409
min = mean - 0.125 σ = 1018.199
max = mean + 0.75 σ = 1055.307
Azimuth =267.79°
Elevation =75.87°
Hour Angle =01:05:29.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

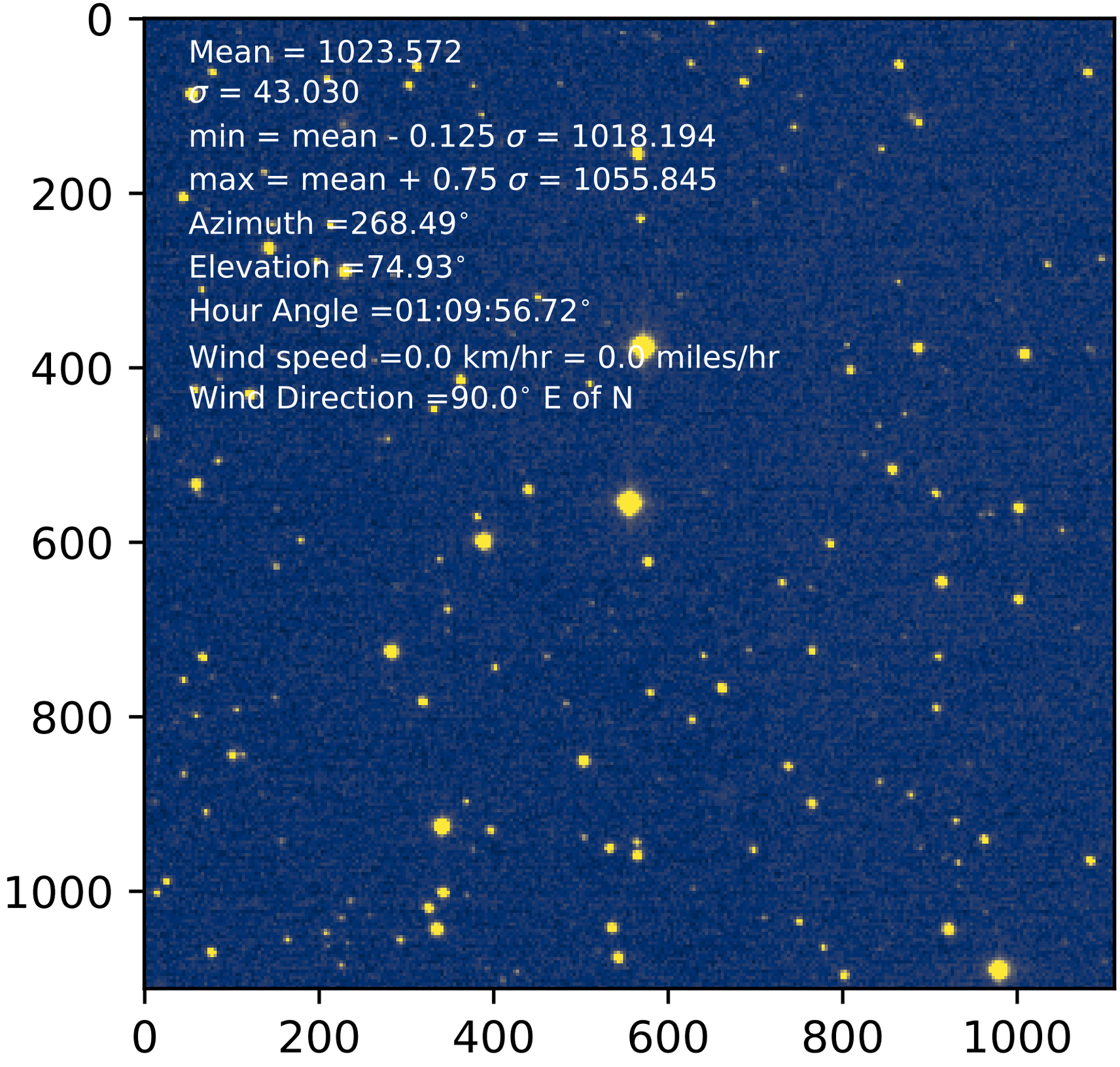

Mean = 1023.512
σ = 42.632
min = mean - 0.125 σ = 1018.183
max = mean + 0.75 σ = 1055.486
Azimuth =267.91°
Elevation =75.72°
Hour Angle =01:06:14.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

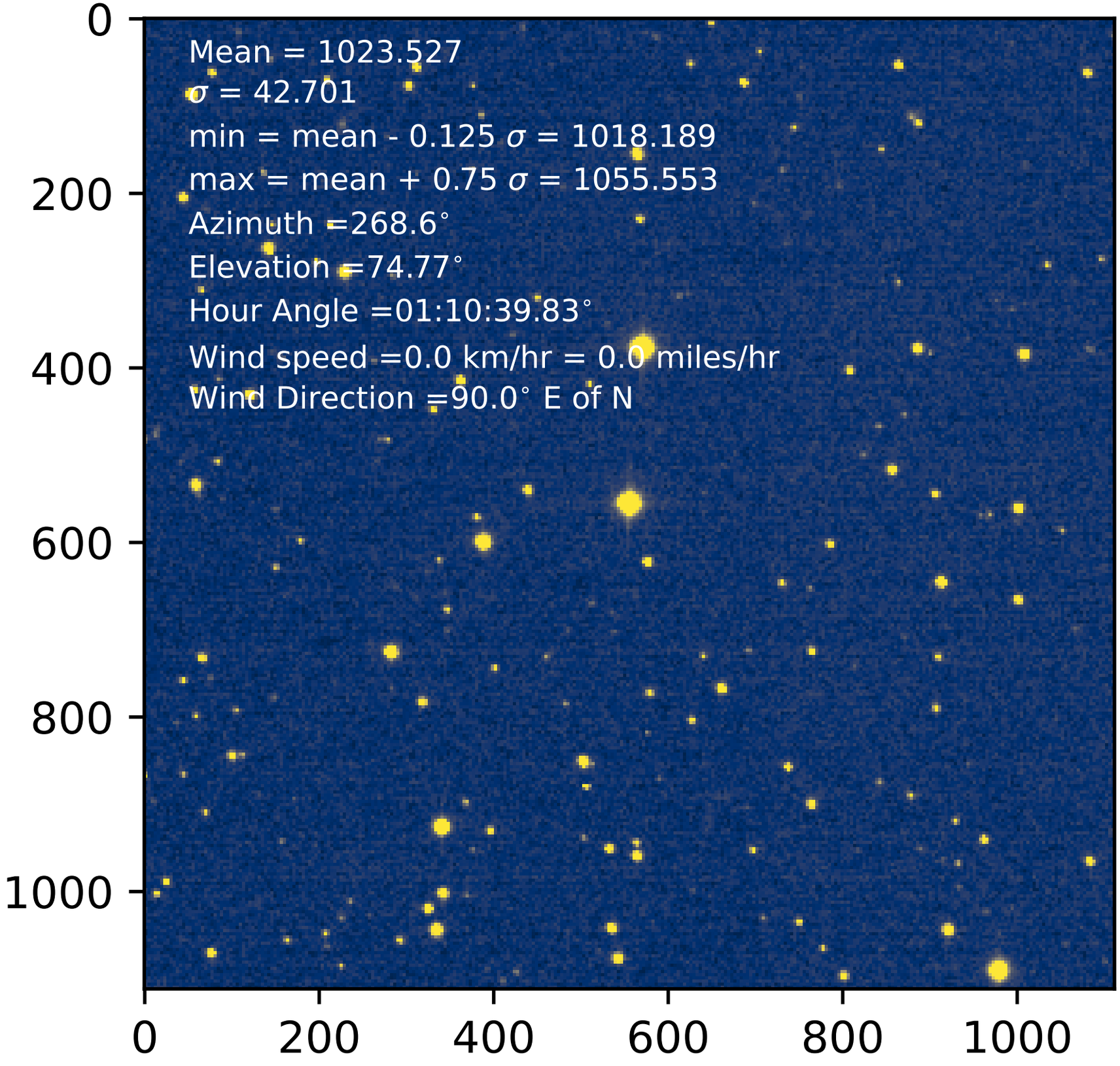

Mean = 1023.407
σ = 42.325
min = mean - 0.125 σ = 1018.116
max = mean + 0.75 σ = 1055.15
Azimuth =268.04°
Elevation =75.54°
Hour Angle =01:07:02.24°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

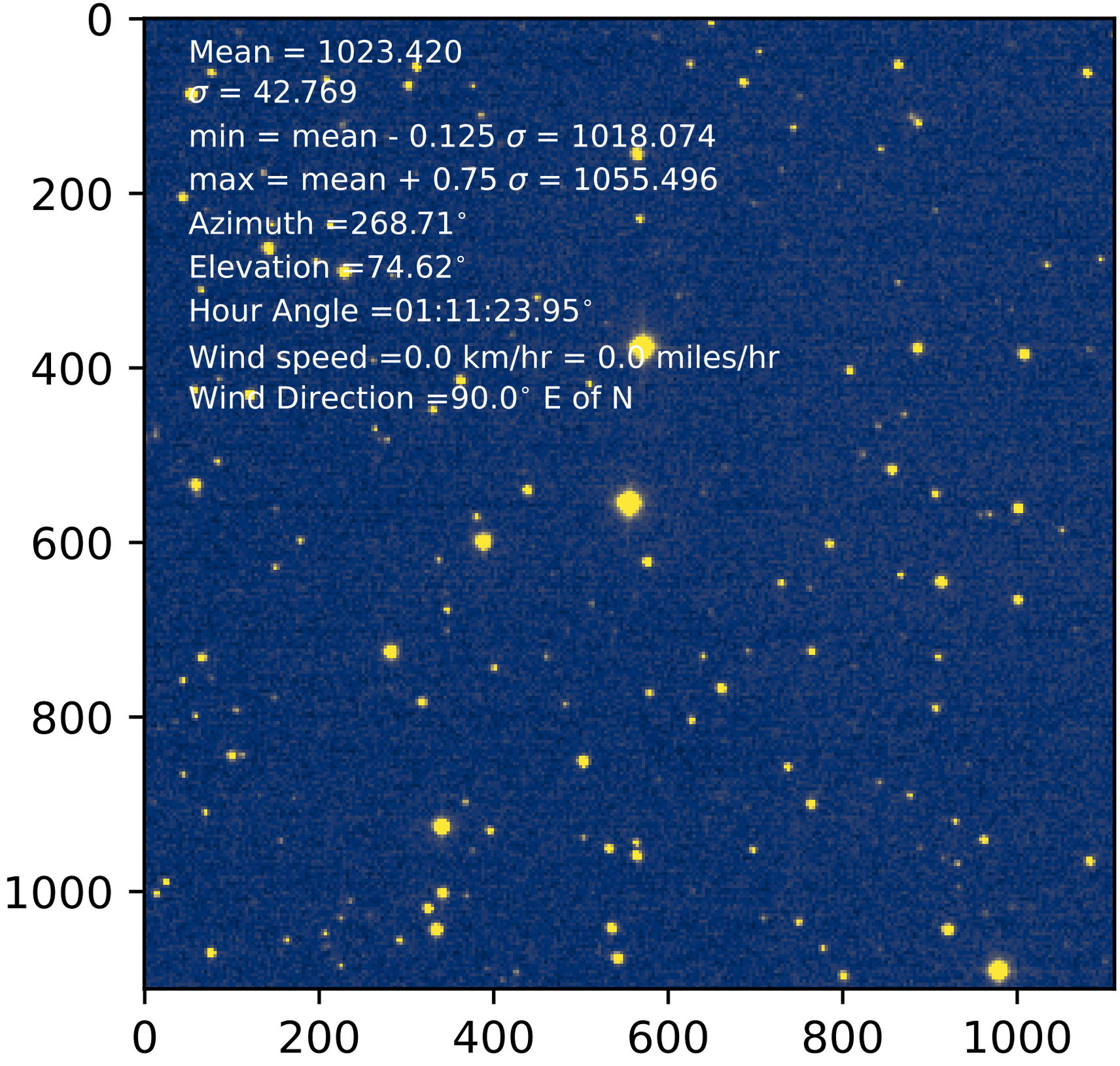

Mean = 1023.402
σ = 42.251
min = mean - 0.125 σ = 1018.12
max = mean + 0.75 σ = 1055.09
Azimuth =268.15°
Elevation =75.39°
Hour Angle =01:07:45.36°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

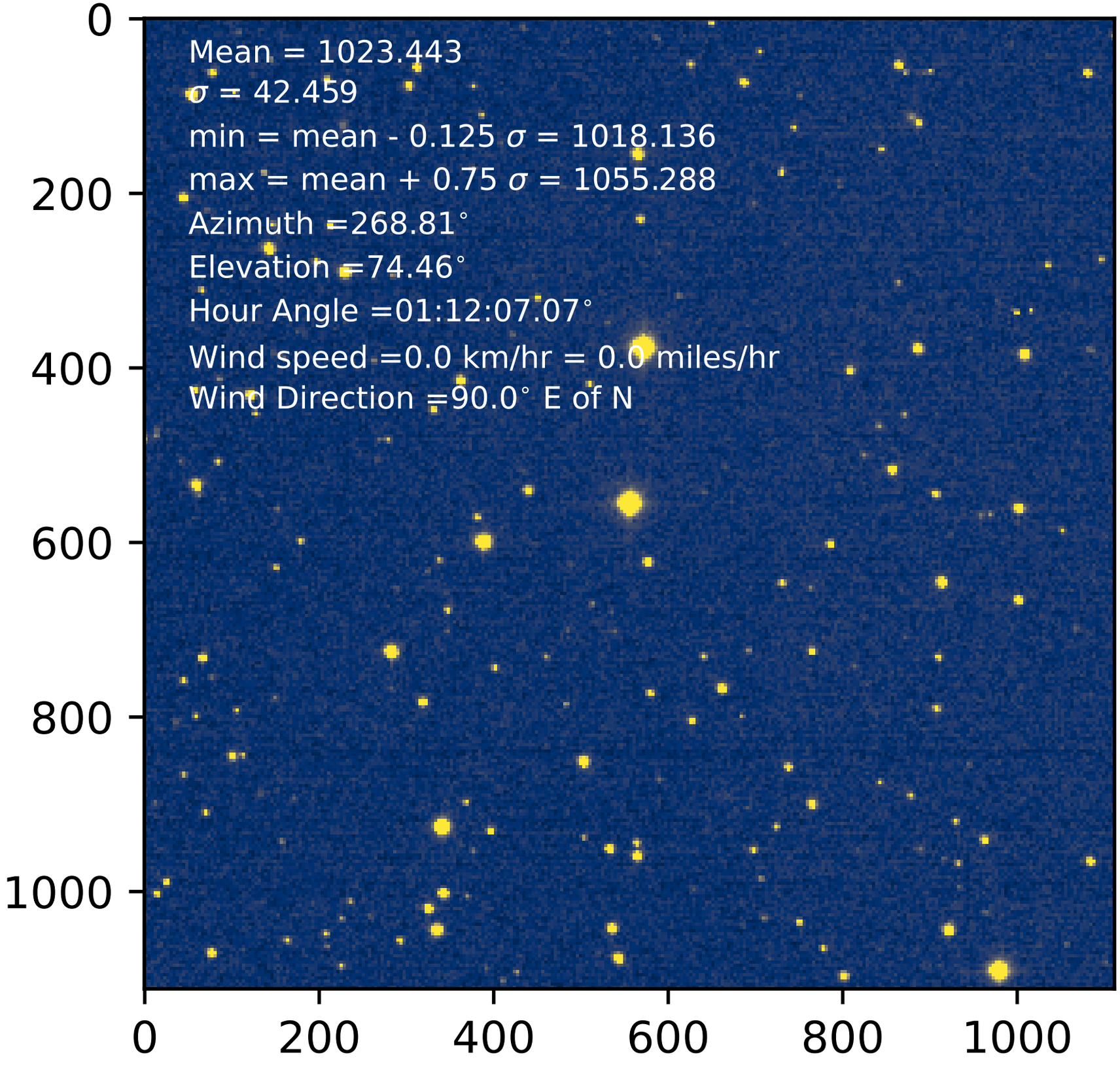

Mean = 1023.520
σ = 43.459
min = mean - 0.125 σ = 1018.088
max = mean + 0.75 σ = 1056.114
Azimuth =268.26°
Elevation =75.24°
Hour Angle =01:08:29.48°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

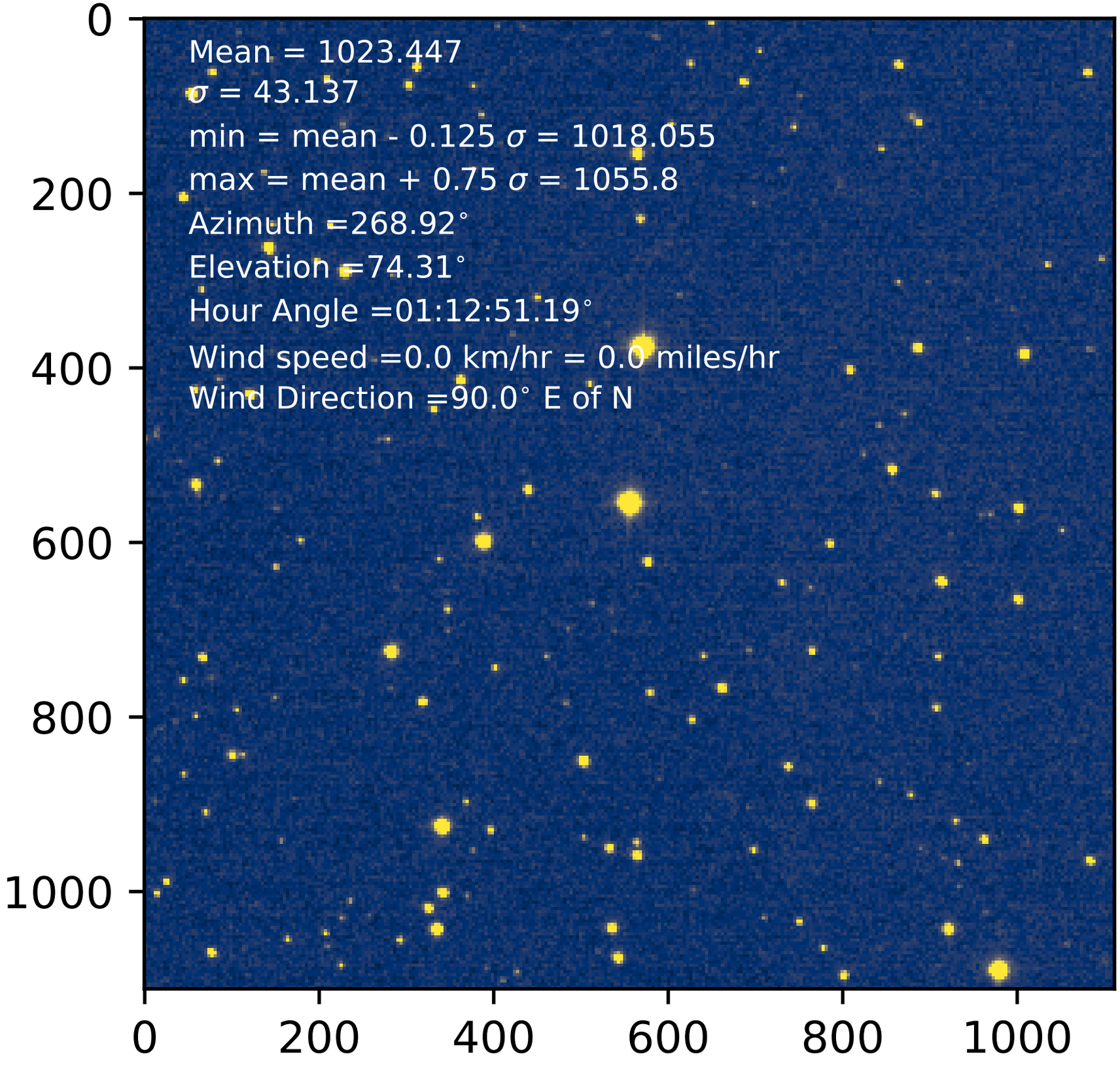

Mean = 1023.530
σ = 42.794
min = mean - 0.125 σ = 1018.181
max = mean + 0.75 σ = 1055.625
Azimuth =268.38°
Elevation =75.08°
Hour Angle =01:09:12.60°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

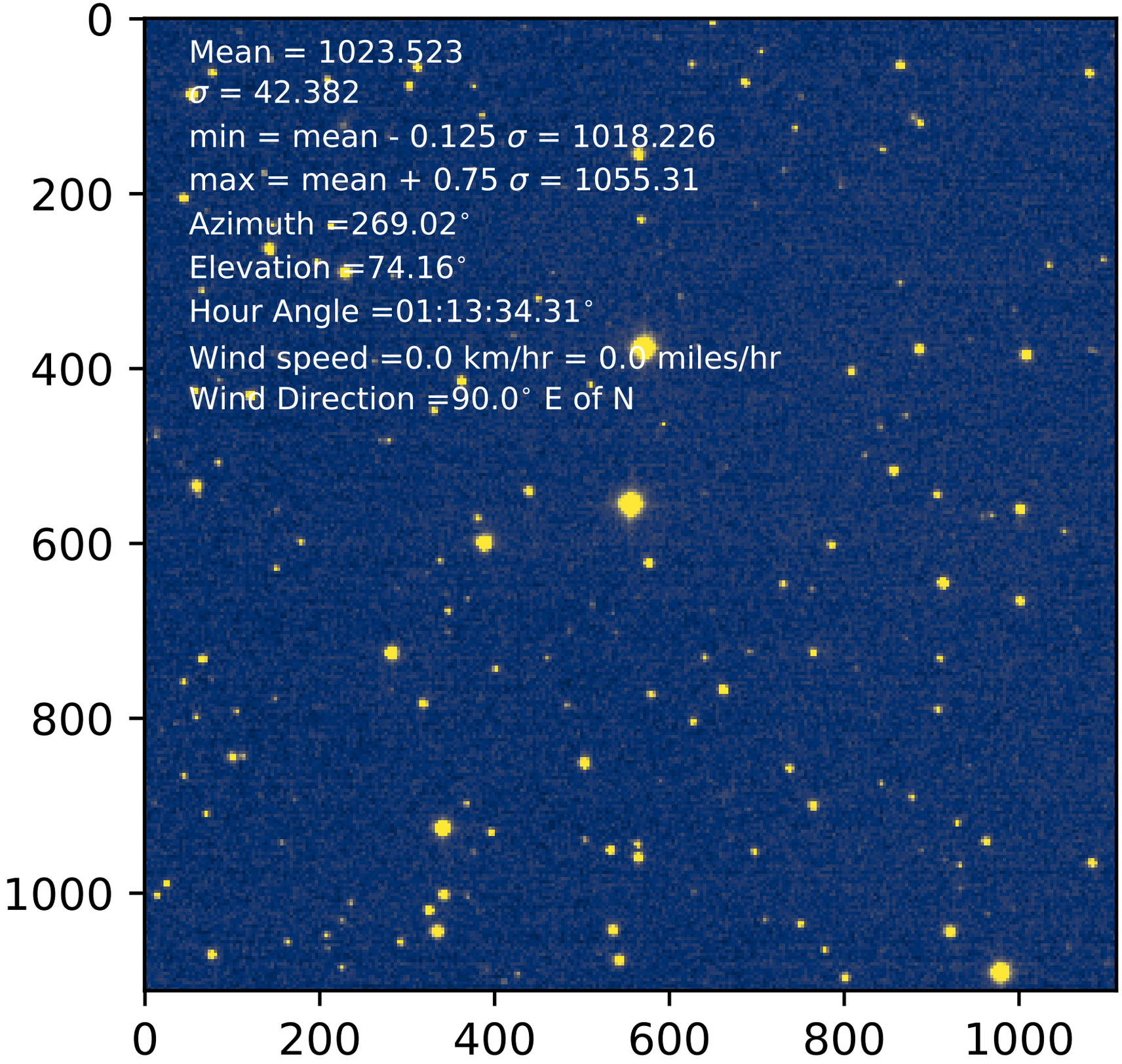

Mean = 1023.572
σ = 43.030
min = mean - 0.125 σ = 1018.194
max = mean + 0.75 σ = 1055.845
Azimuth =268.49°
Elevation =74.93°
Hour Angle =01:09:56.72°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

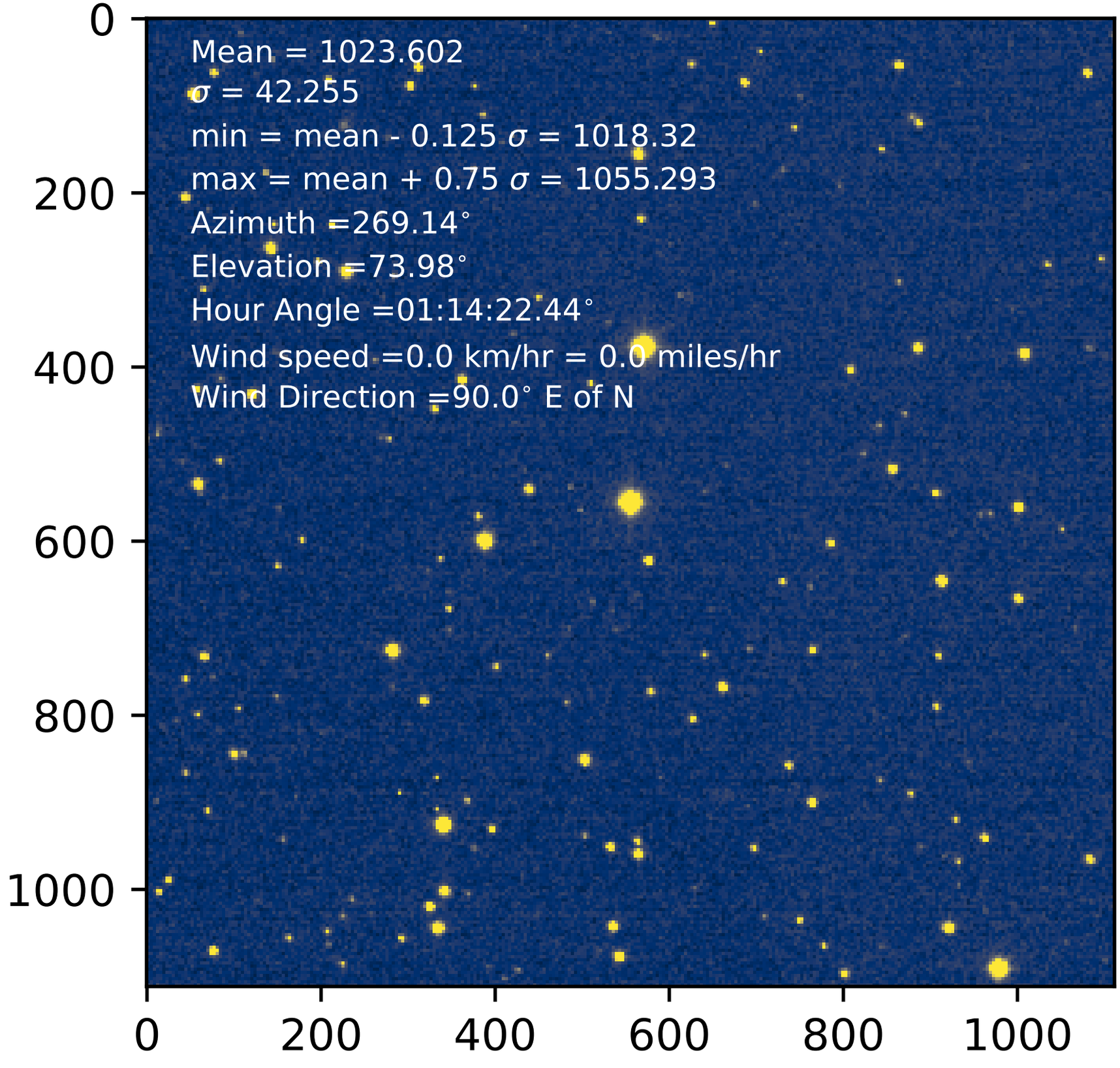

Mean = 1023.527
σ = 42.701
min = mean - 0.125 σ = 1018.189
max = mean + 0.75 σ = 1055.553
Azimuth =268.6°
Elevation =74.77°
Hour Angle =01:10:39.83°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

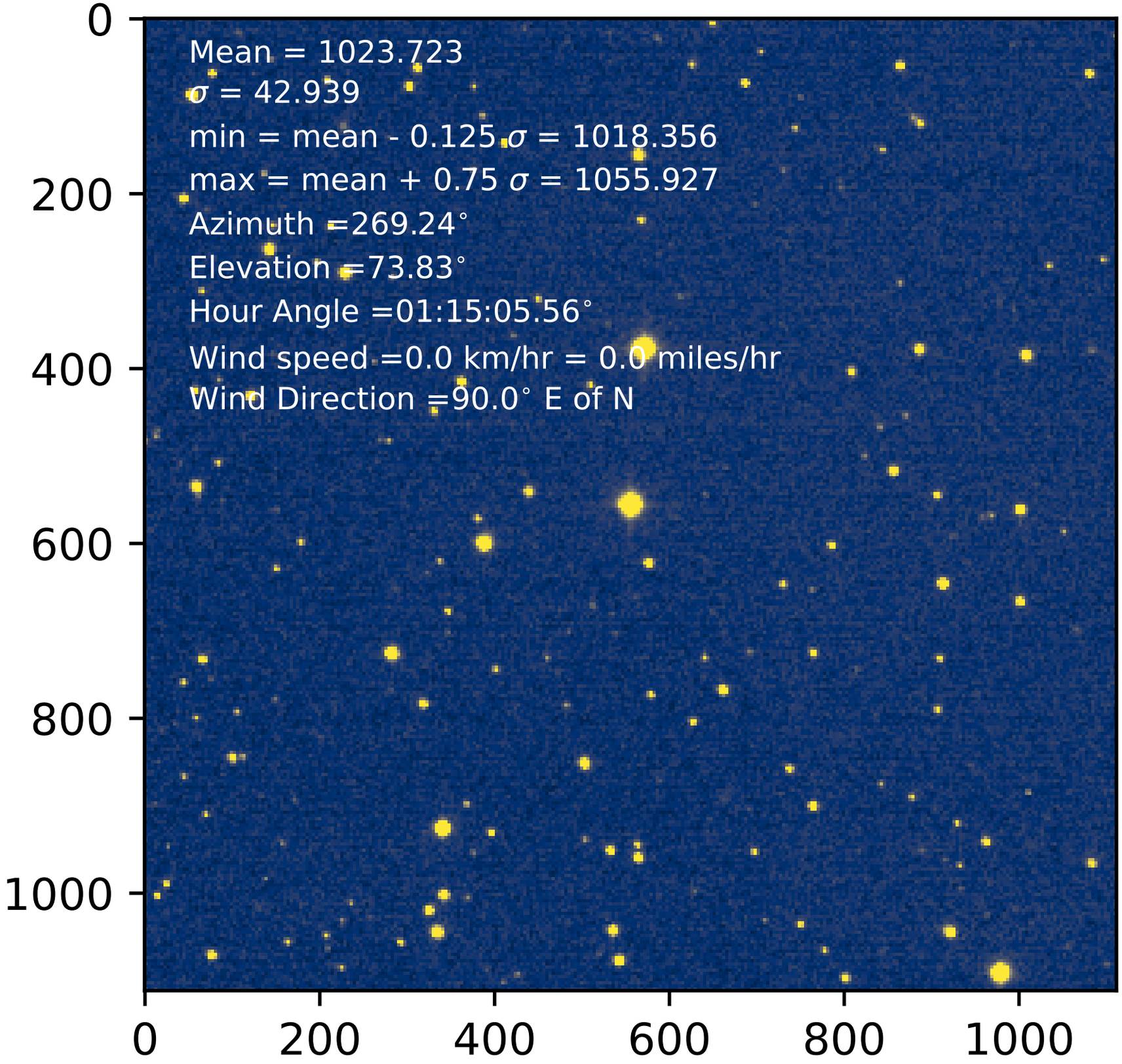

Mean = 1023.420
σ = 42.769
min = mean - 0.125 σ = 1018.074
max = mean + 0.75 σ = 1055.496
Azimuth =268.71°
Elevation =74.62°
Hour Angle =01:11:23.95°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

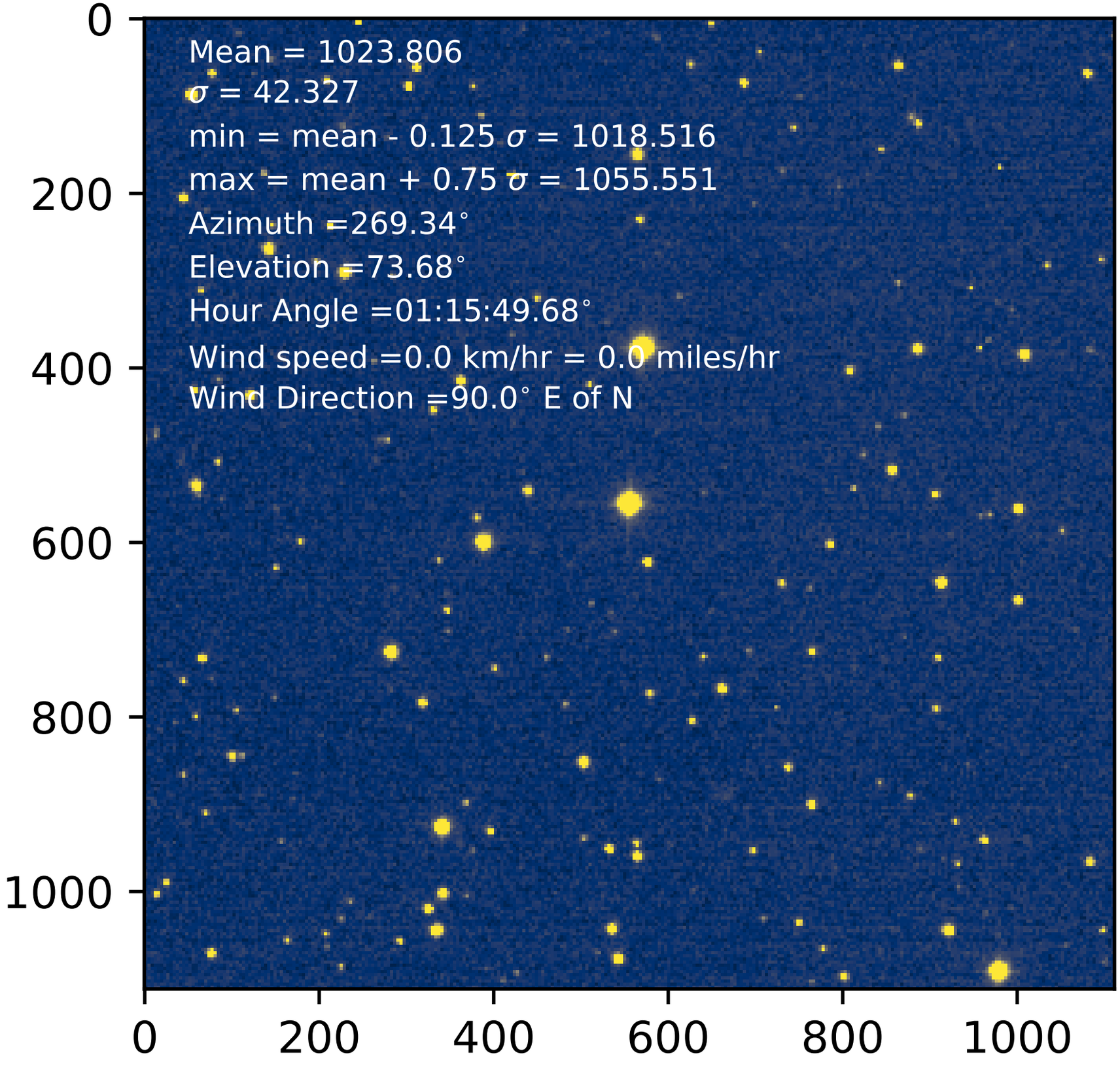

Mean = 1023.443
σ = 42.459
min = mean - 0.125 σ = 1018.136
max = mean + 0.75 σ = 1055.288
Azimuth =268.81°
Elevation =74.46°
Hour Angle =01:12:07.07°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

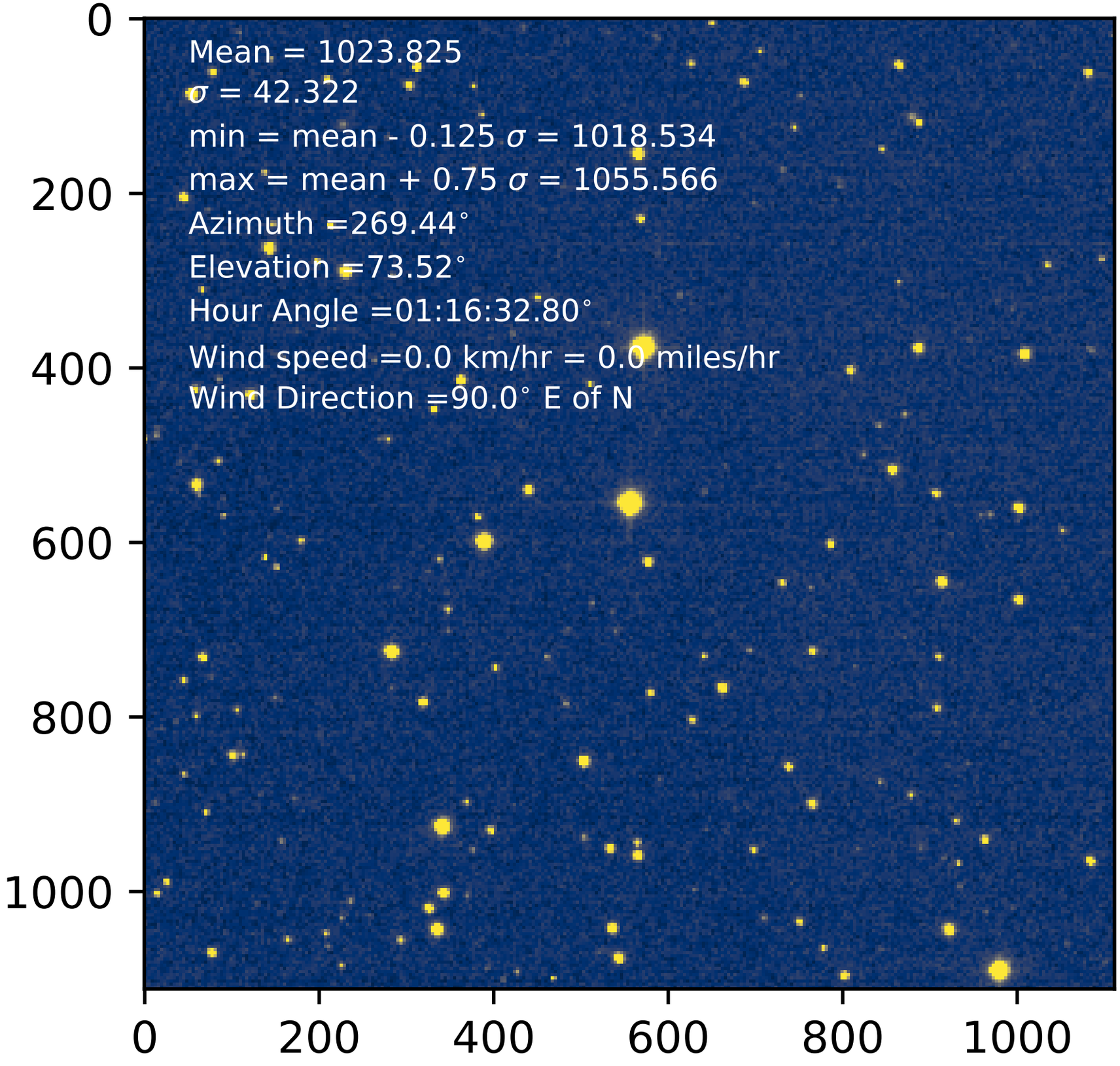

Mean = 1023.447
σ = 43.137
min = mean - 0.125 σ = 1018.055
max = mean + 0.75 σ = 1055.8
Azimuth =268.92°
Elevation =74.31°
Hour Angle =01:12:51.19°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

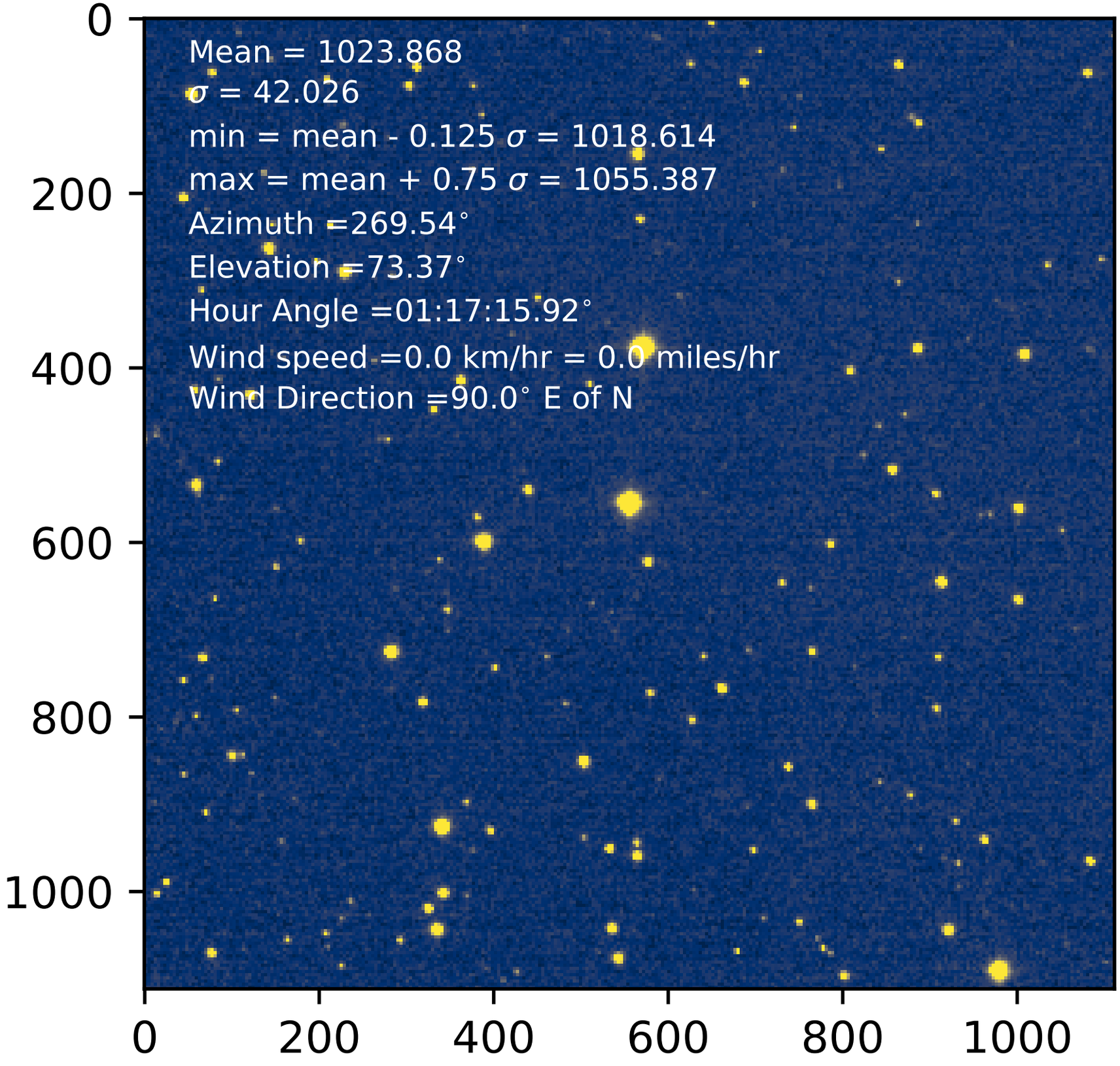

Mean = 1023.523
σ = 42.382
min = mean - 0.125 σ = 1018.226
max = mean + 0.75 σ = 1055.31
Azimuth =269.02°
Elevation =74.16°
Hour Angle =01:13:34.31°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

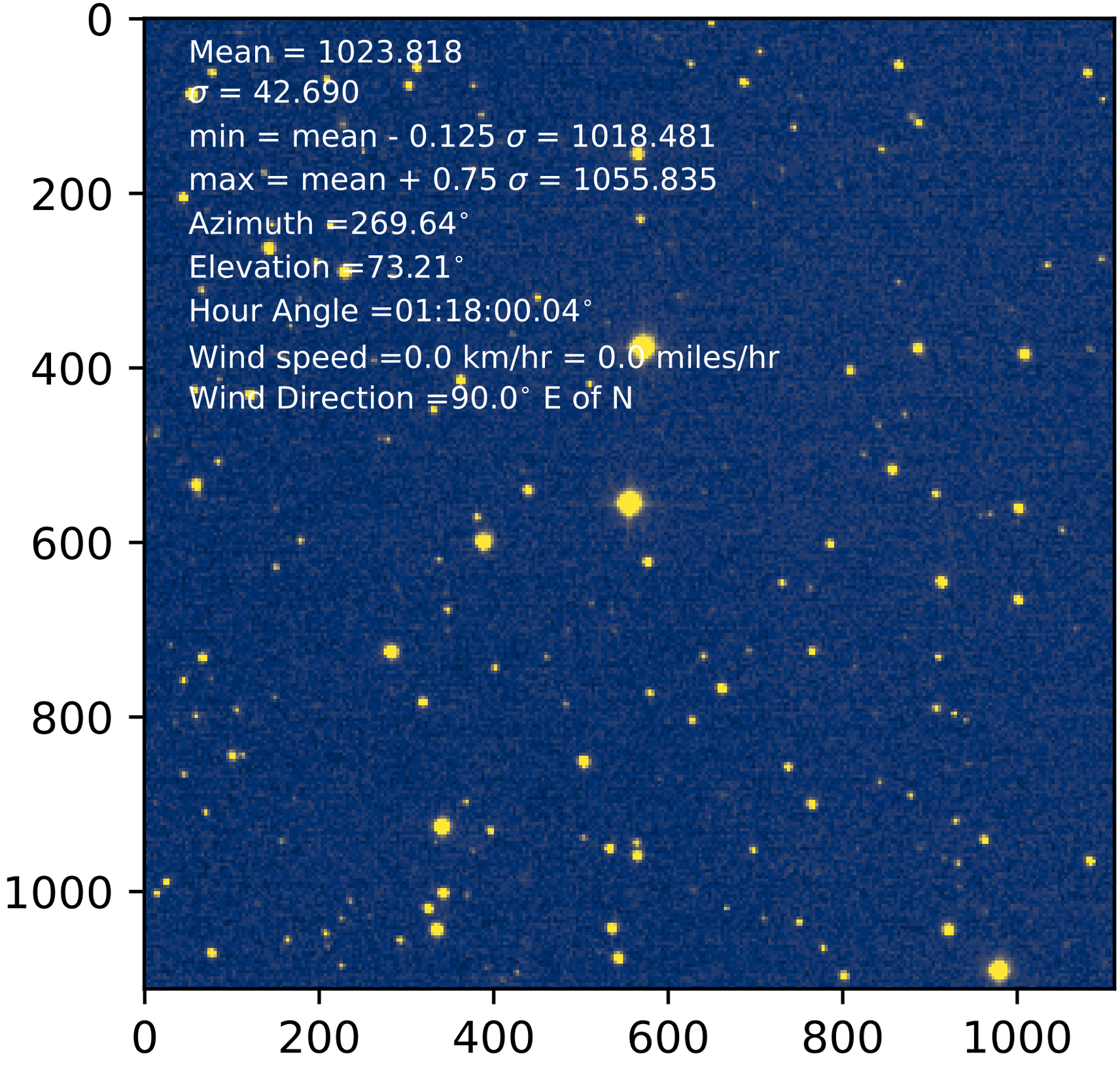

Mean = 1023.602
σ = 42.255
min = mean - 0.125 σ = 1018.32
max = mean + 0.75 σ = 1055.293
Azimuth =269.14°
Elevation =73.98°
Hour Angle =01:14:22.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

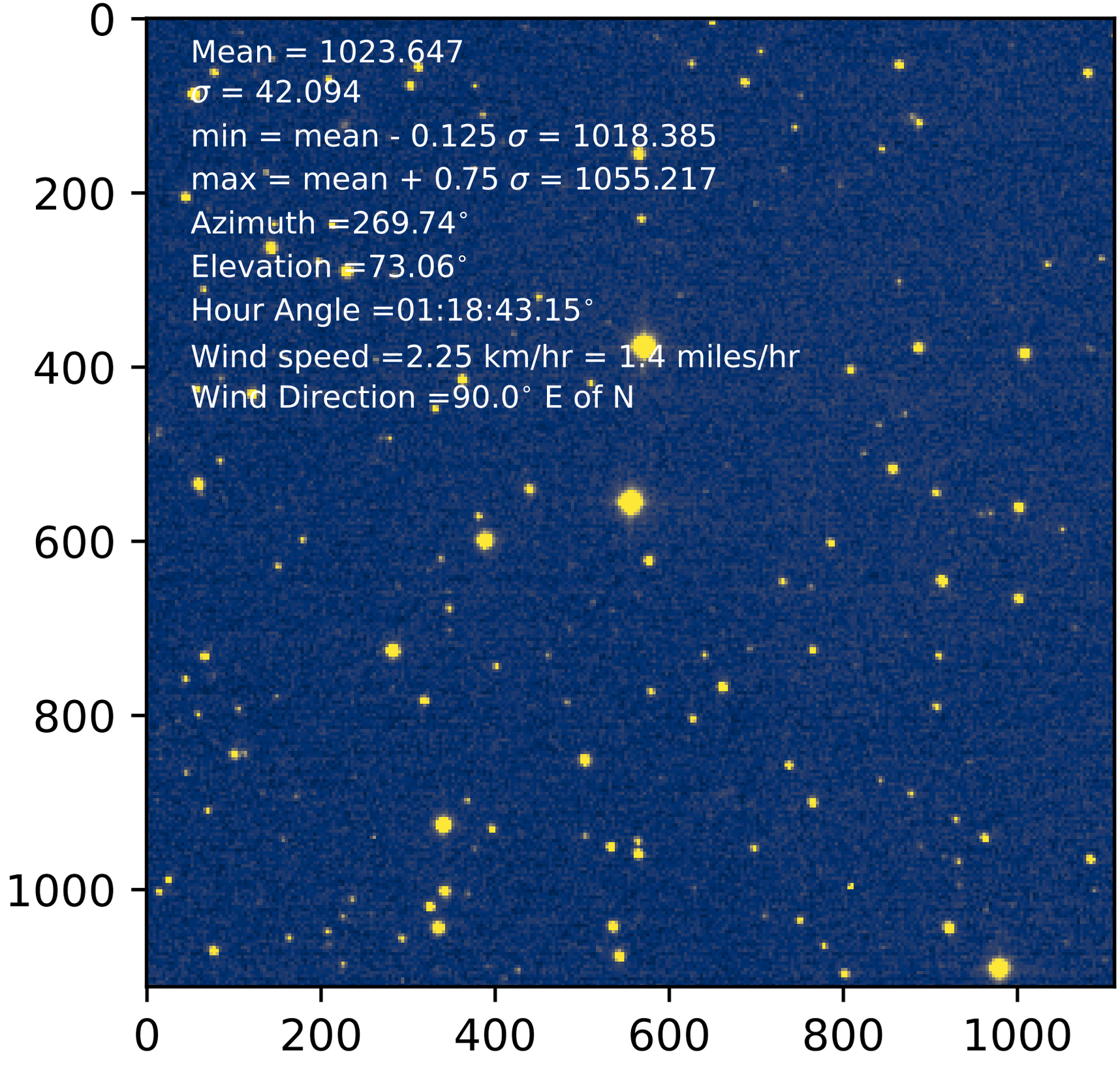

Mean = 1023.723
σ = 42.939
min = mean - 0.125 σ = 1018.356
max = mean + 0.75 σ = 1055.927
Azimuth =269.24°
Elevation =73.83°
Hour Angle =01:15:05.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

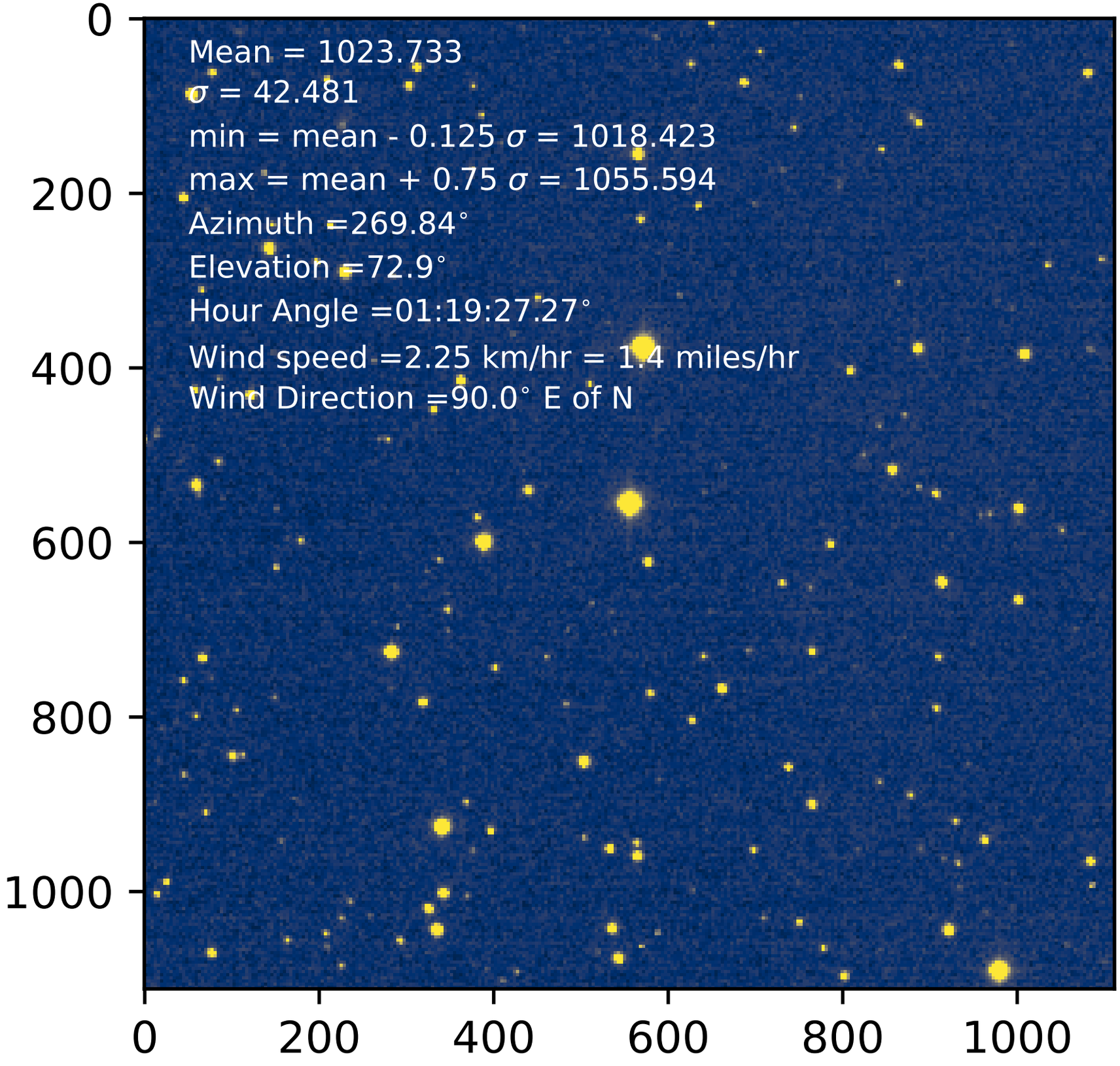

Mean = 1023.806
σ = 42.327
min = mean - 0.125 σ = 1018.516
max = mean + 0.75 σ = 1055.551
Azimuth =269.34°
Elevation =73.68°
Hour Angle =01:15:49.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

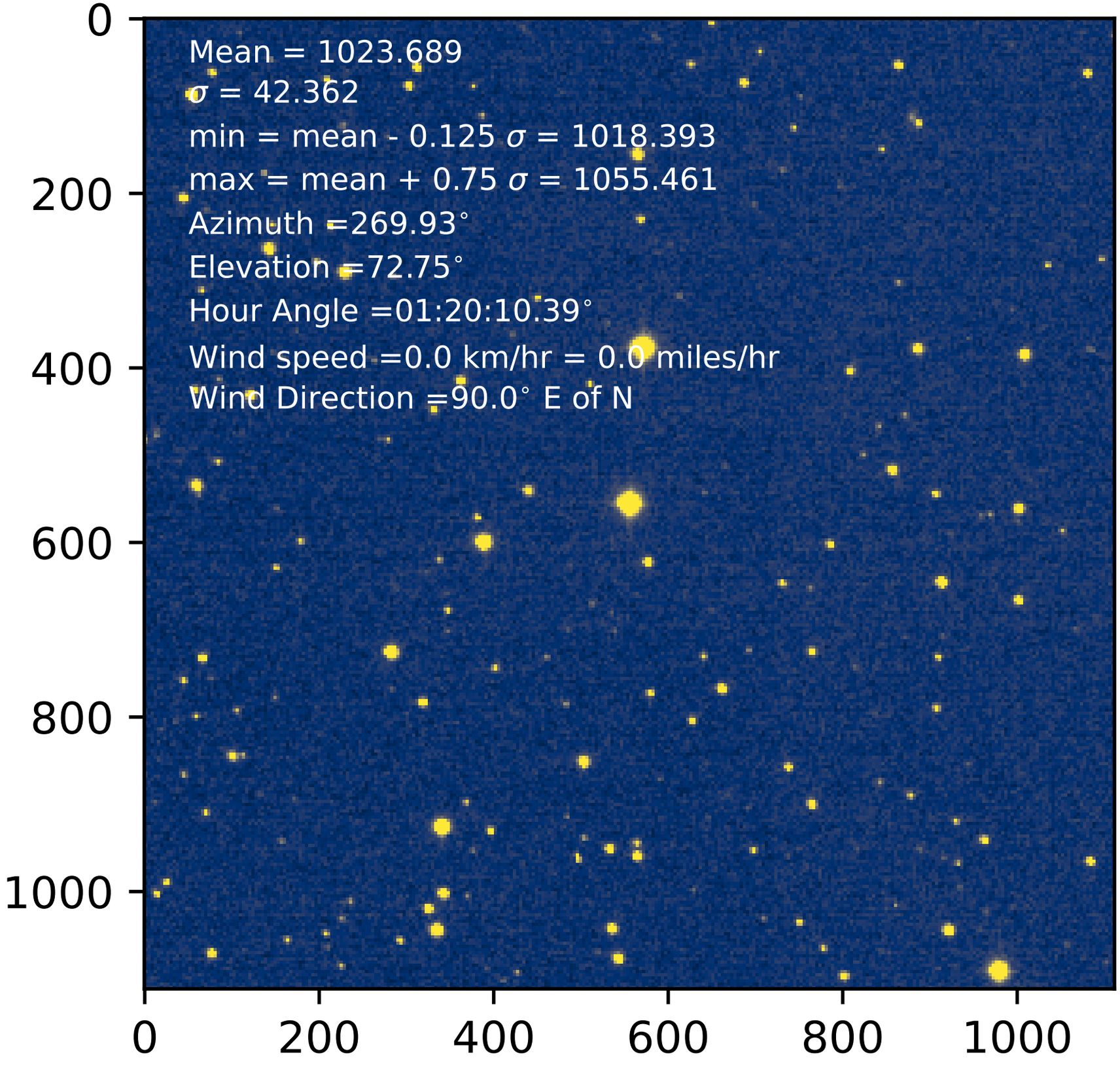

Mean = 1023.825
σ = 42.322
min = mean - 0.125 σ = 1018.534
max = mean + 0.75 σ = 1055.566
Azimuth =269.44°
Elevation =73.52°
Hour Angle =01:16:32.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

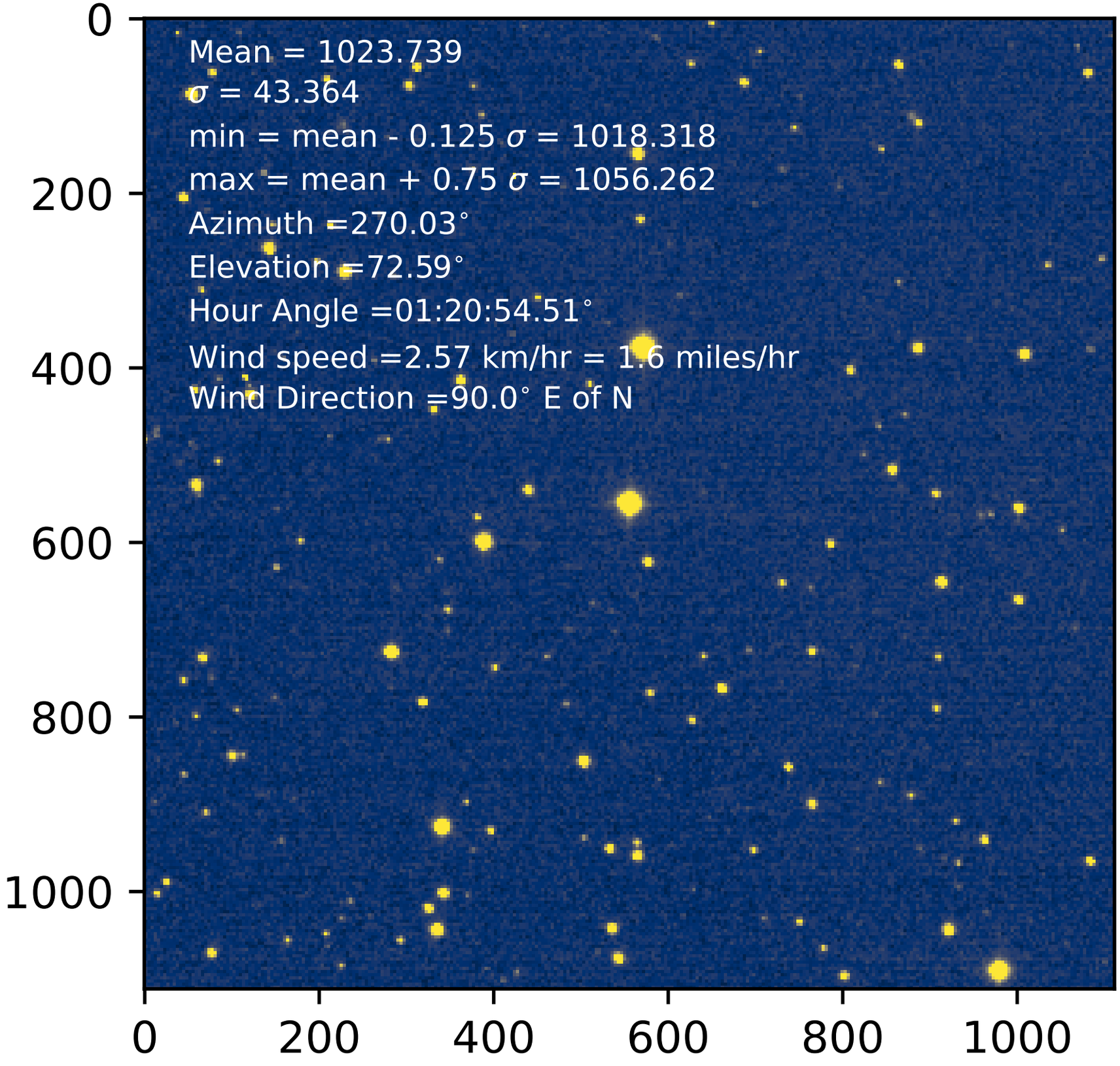

Mean = 1023.868
σ = 42.026
min = mean - 0.125 σ = 1018.614
max = mean + 0.75 σ = 1055.387
Azimuth =269.54°
Elevation =73.37°
Hour Angle =01:17:15.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

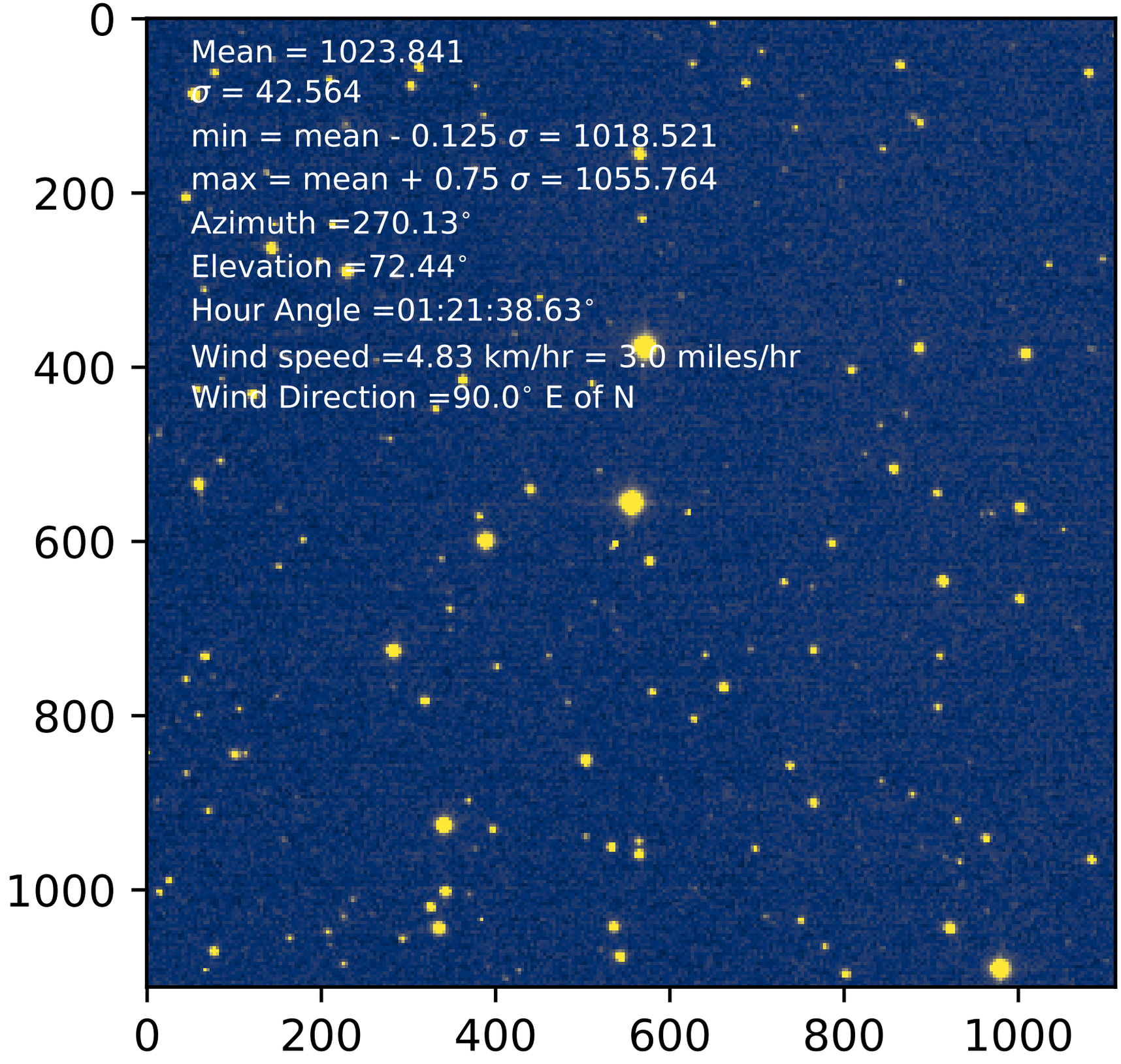

Mean = 1023.818
σ = 42.690
min = mean - 0.125 σ = 1018.481
max = mean + 0.75 σ = 1055.835
Azimuth =269.64°
Elevation =73.21°
Hour Angle =01:18:00.04°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

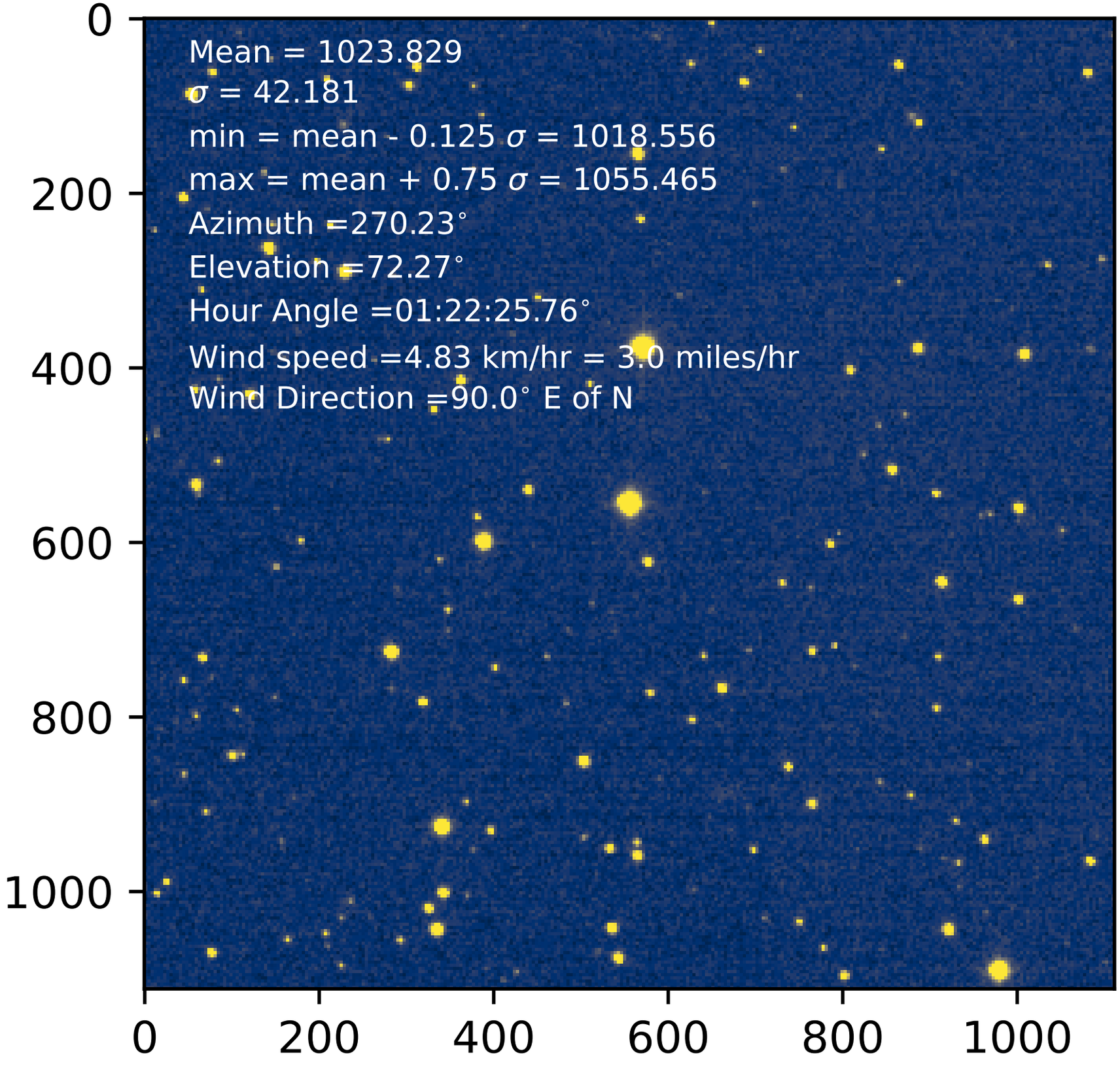

Mean = 1023.647
σ = 42.094
min = mean - 0.125 σ = 1018.385
max = mean + 0.75 σ = 1055.217
Azimuth =269.74°
Elevation =73.06°
Hour Angle =01:18:43.15°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

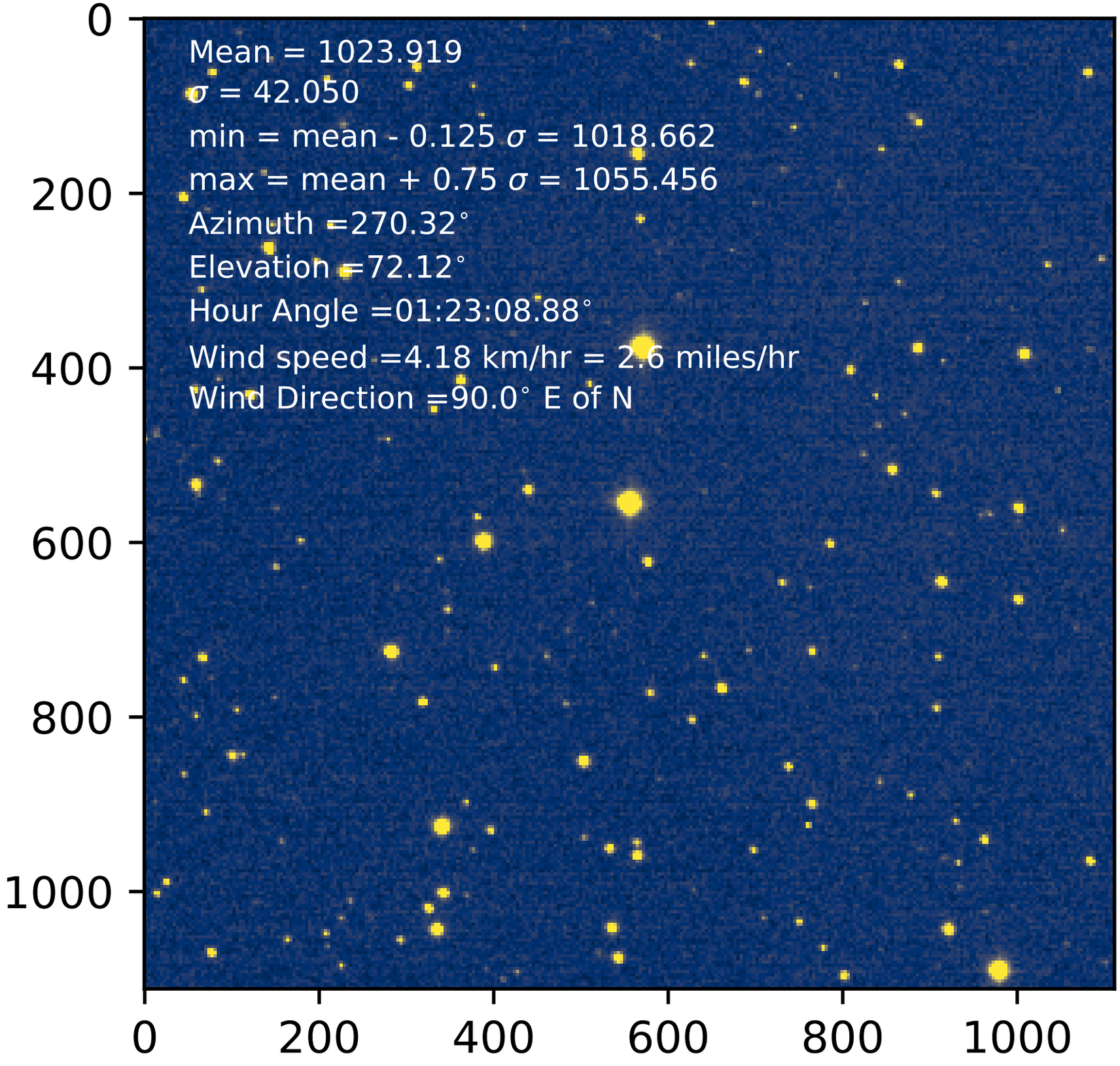

Mean = 1023.733
σ = 42.481
min = mean - 0.125 σ = 1018.423
max = mean + 0.75 σ = 1055.594
Azimuth =269.84°
Elevation =72.9°
Hour Angle =01:19:27.27°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

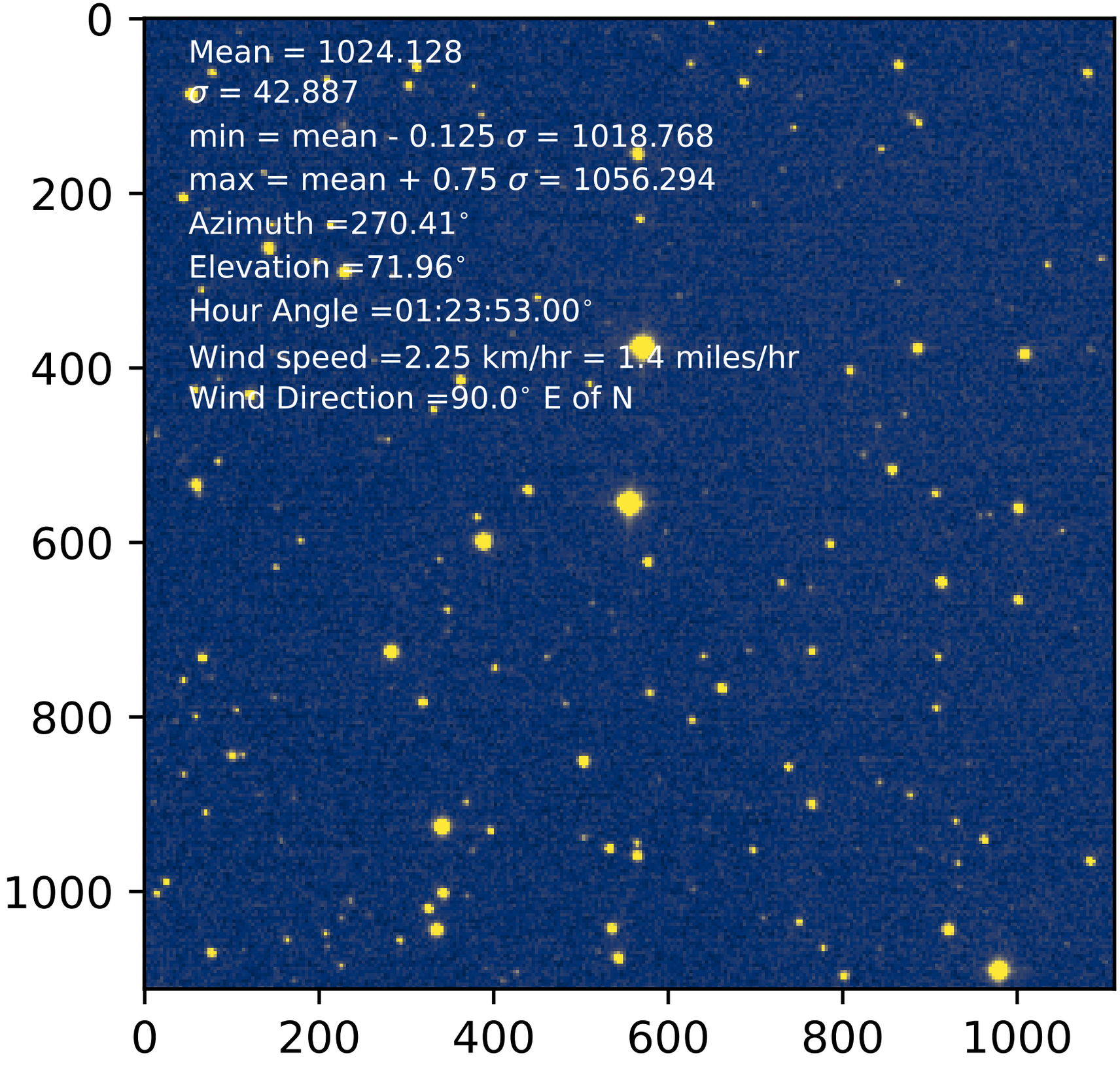

Mean = 1023.689
σ = 42.362
min = mean - 0.125 σ = 1018.393
max = mean + 0.75 σ = 1055.461
Azimuth =269.93°
Elevation =72.75°
Hour Angle =01:20:10.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

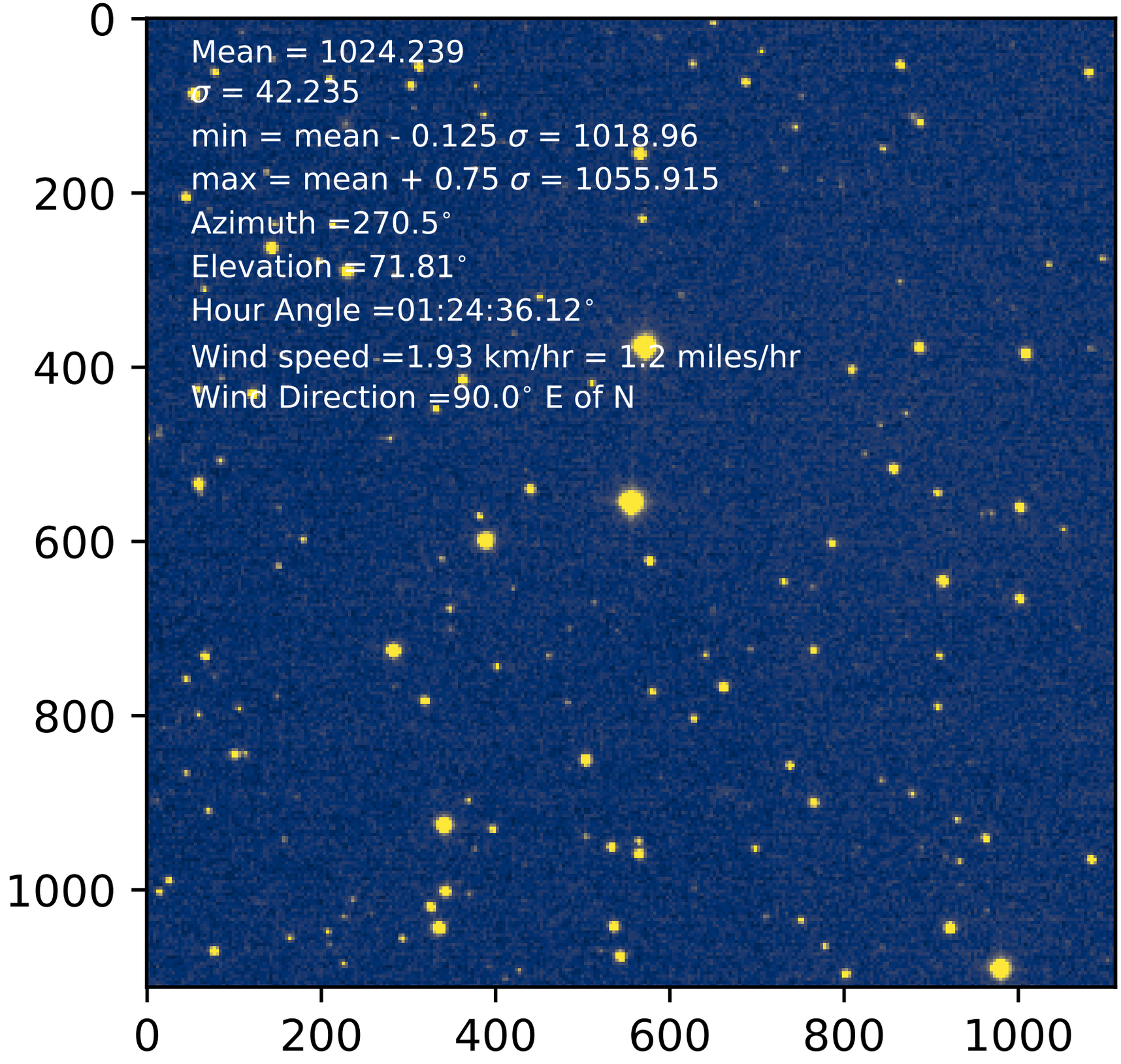

Mean = 1023.739
σ = 43.364
min = mean - 0.125 σ = 1018.318
max = mean + 0.75 σ = 1056.262
Azimuth =270.03°
Elevation =72.59°
Hour Angle =01:20:54.51°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

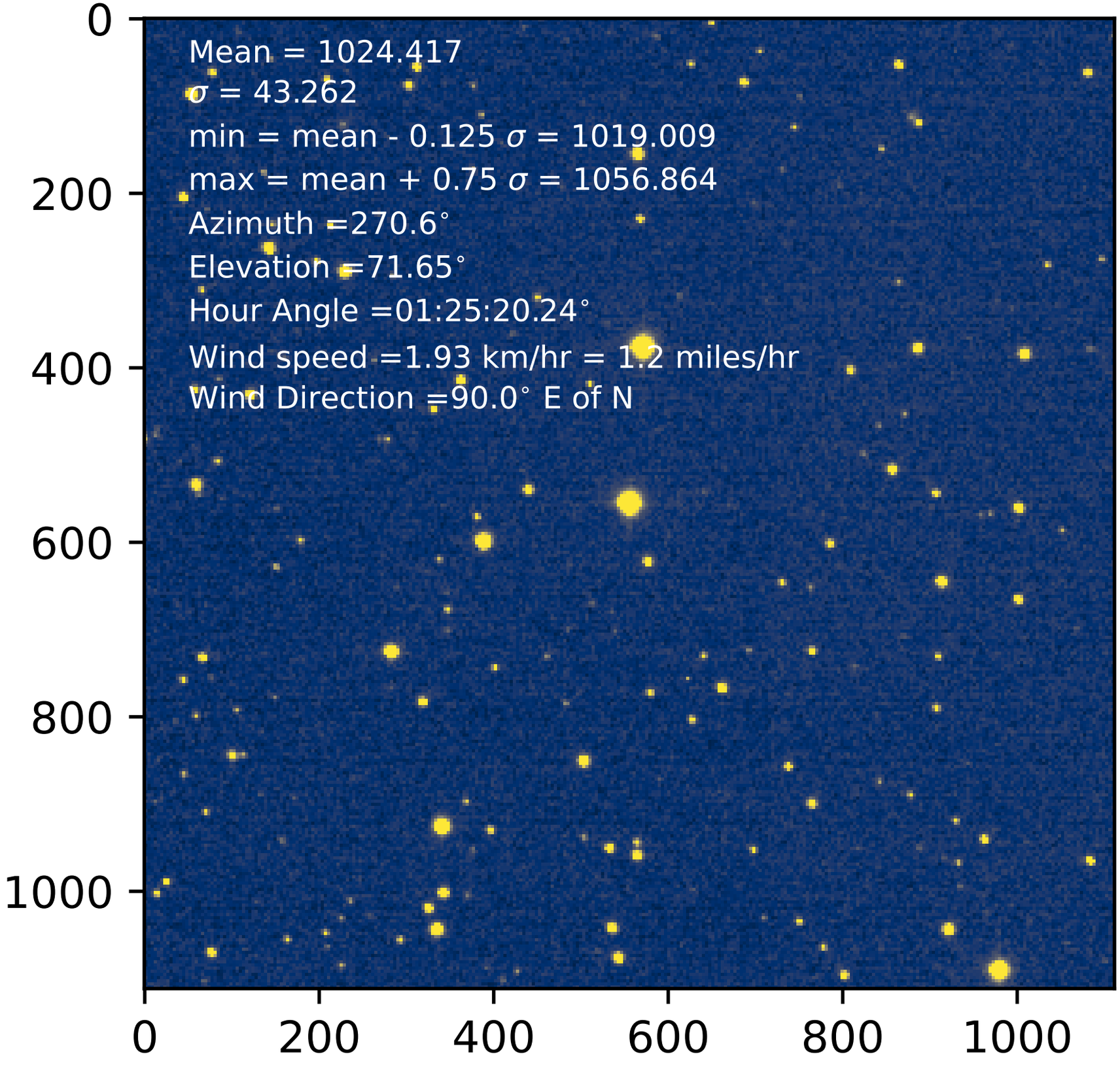

Mean = 1023.841
σ = 42.564
min = mean - 0.125 σ = 1018.521
max = mean + 0.75 σ = 1055.764
Azimuth =270.13°
Elevation =72.44°
Hour Angle =01:21:38.63°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

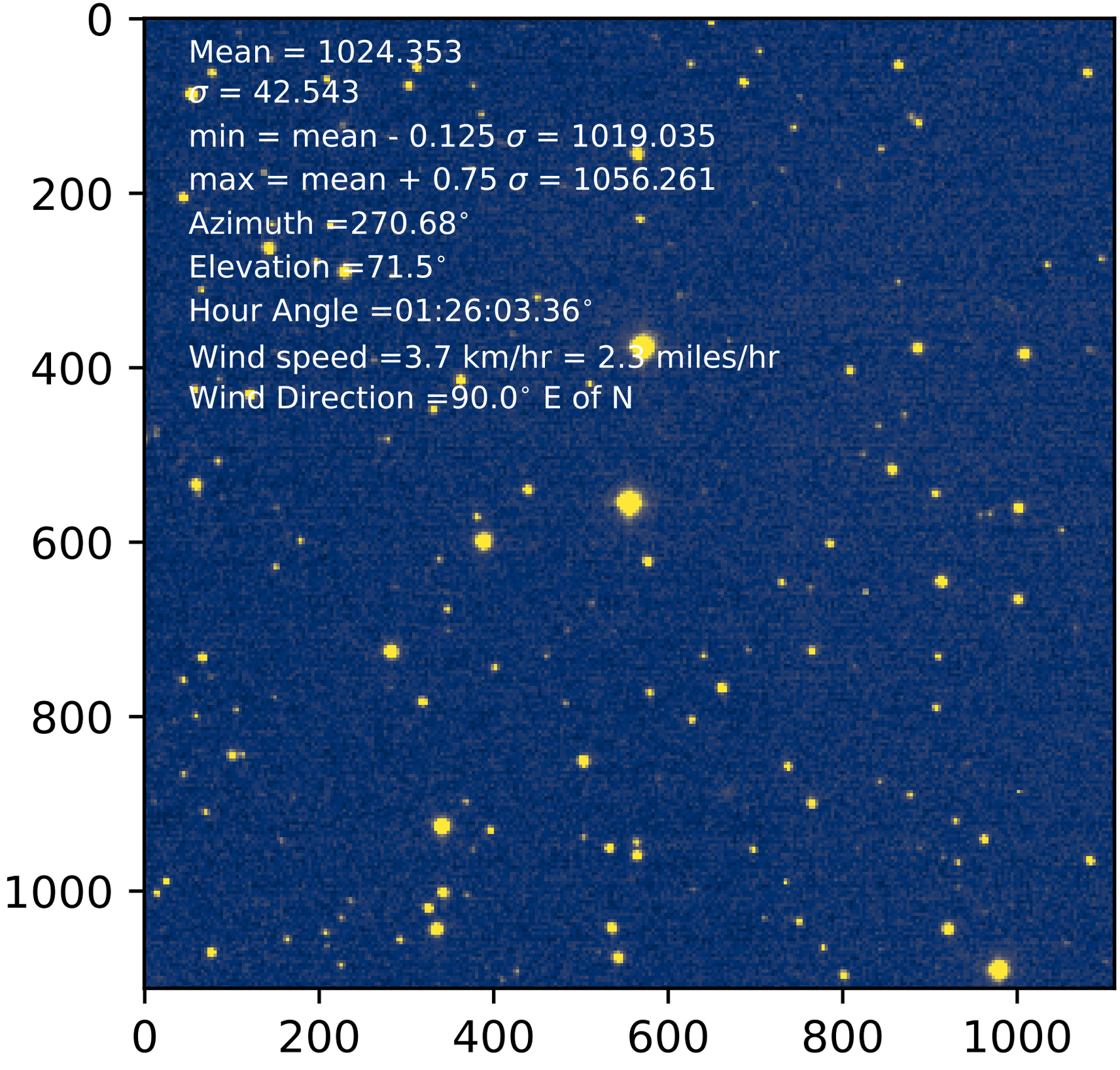

Mean = 1023.829
σ = 42.181
min = mean - 0.125 σ = 1018.556
max = mean + 0.75 σ = 1055.465
Azimuth =270.23°
Elevation =72.27°
Hour Angle =01:22:25.76°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

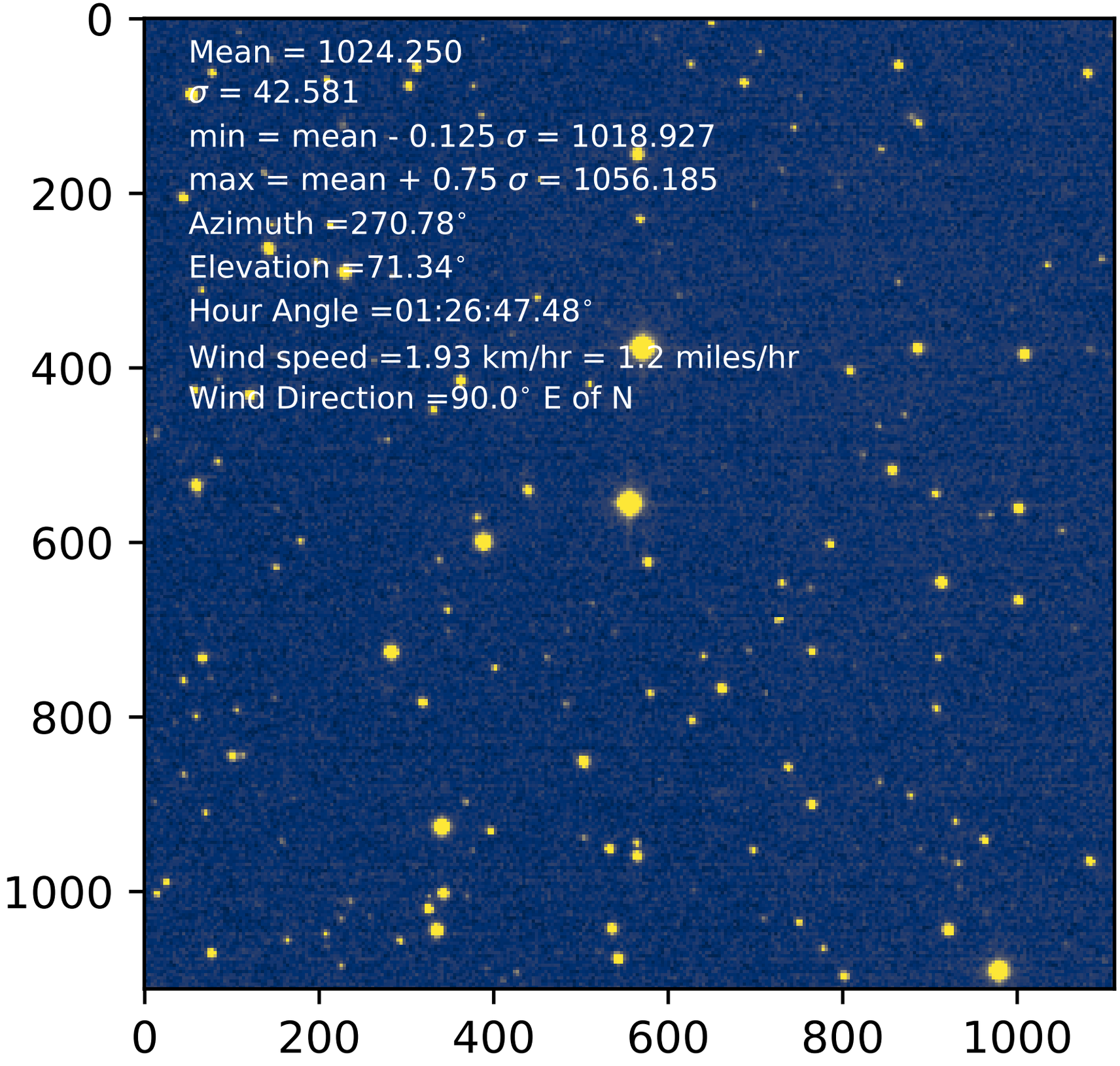

Mean = 1023.919
σ = 42.050
min = mean - 0.125 σ = 1018.662
max = mean + 0.75 σ = 1055.456
Azimuth =270.32°
Elevation =72.12°
Hour Angle =01:23:08.88°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

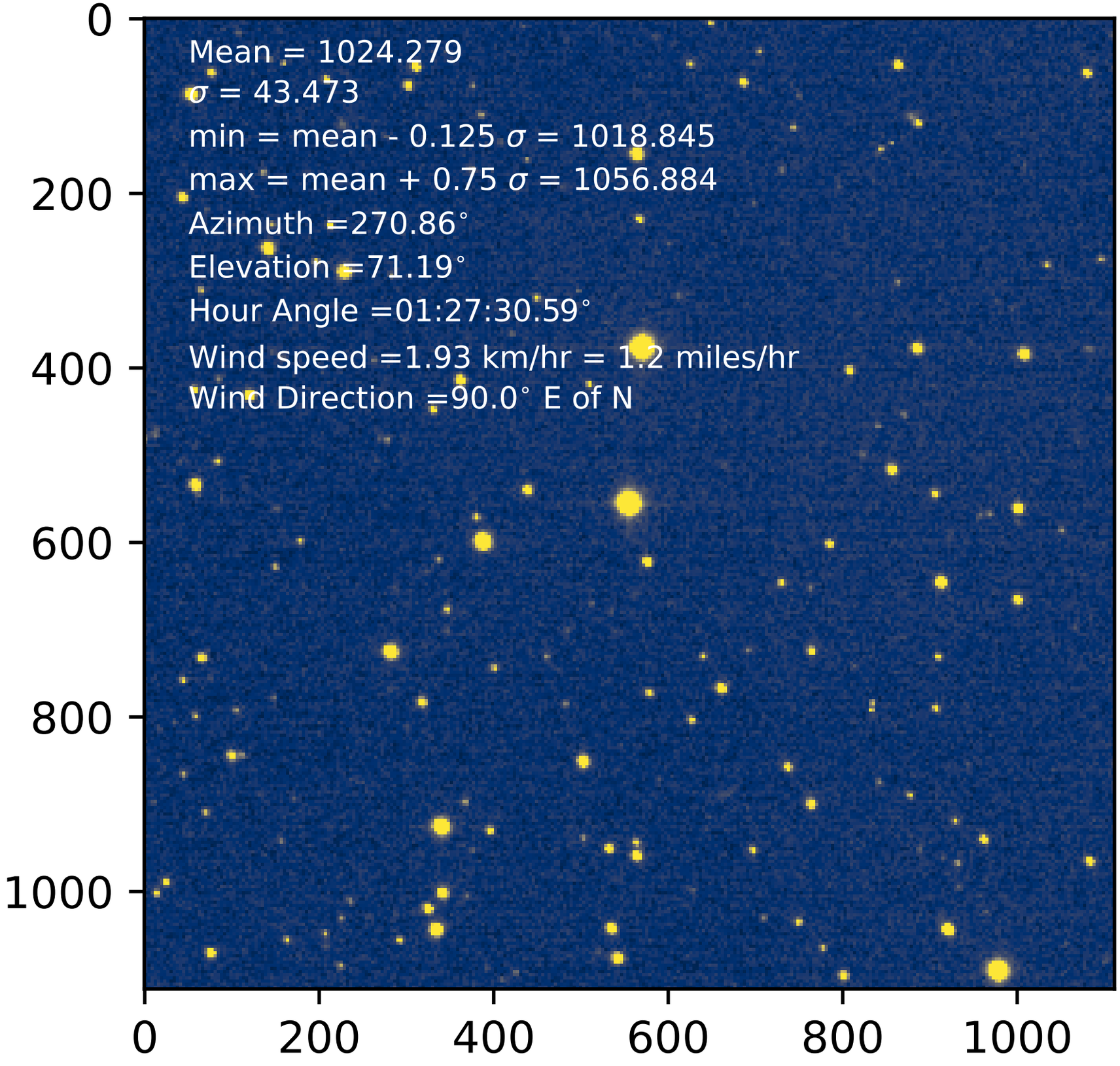

Mean = 1024.128
σ = 42.887
min = mean - 0.125 σ = 1018.768
max = mean + 0.75 σ = 1056.294
Azimuth =270.41°
Elevation =71.96°
Hour Angle =01:23:53.00°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

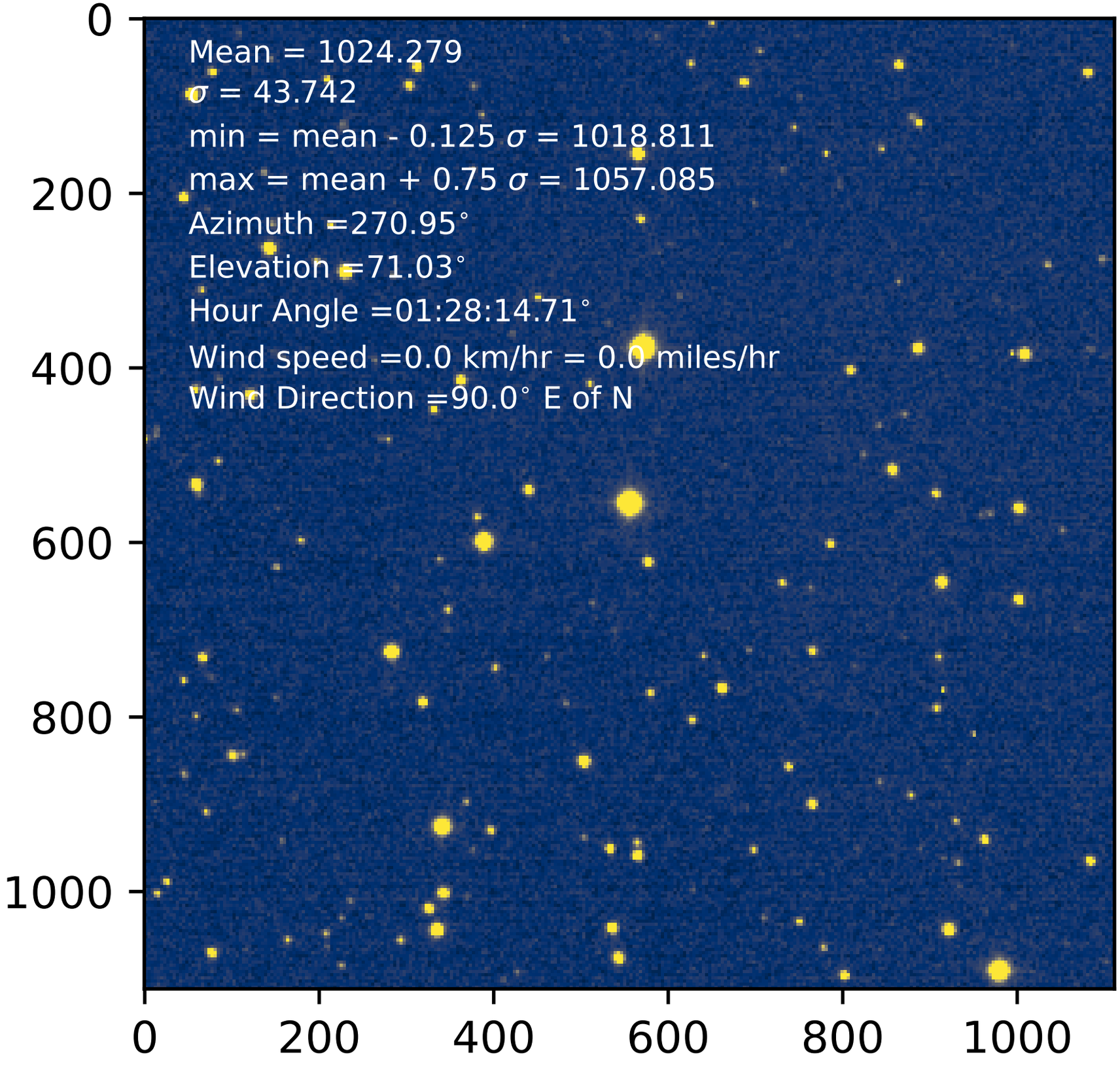

Mean = 1024.239
σ = 42.235
min = mean - 0.125 σ = 1018.96
max = mean + 0.75 σ = 1055.915
Azimuth =270.5°
Elevation =71.81°
Hour Angle =01:24:36.12°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

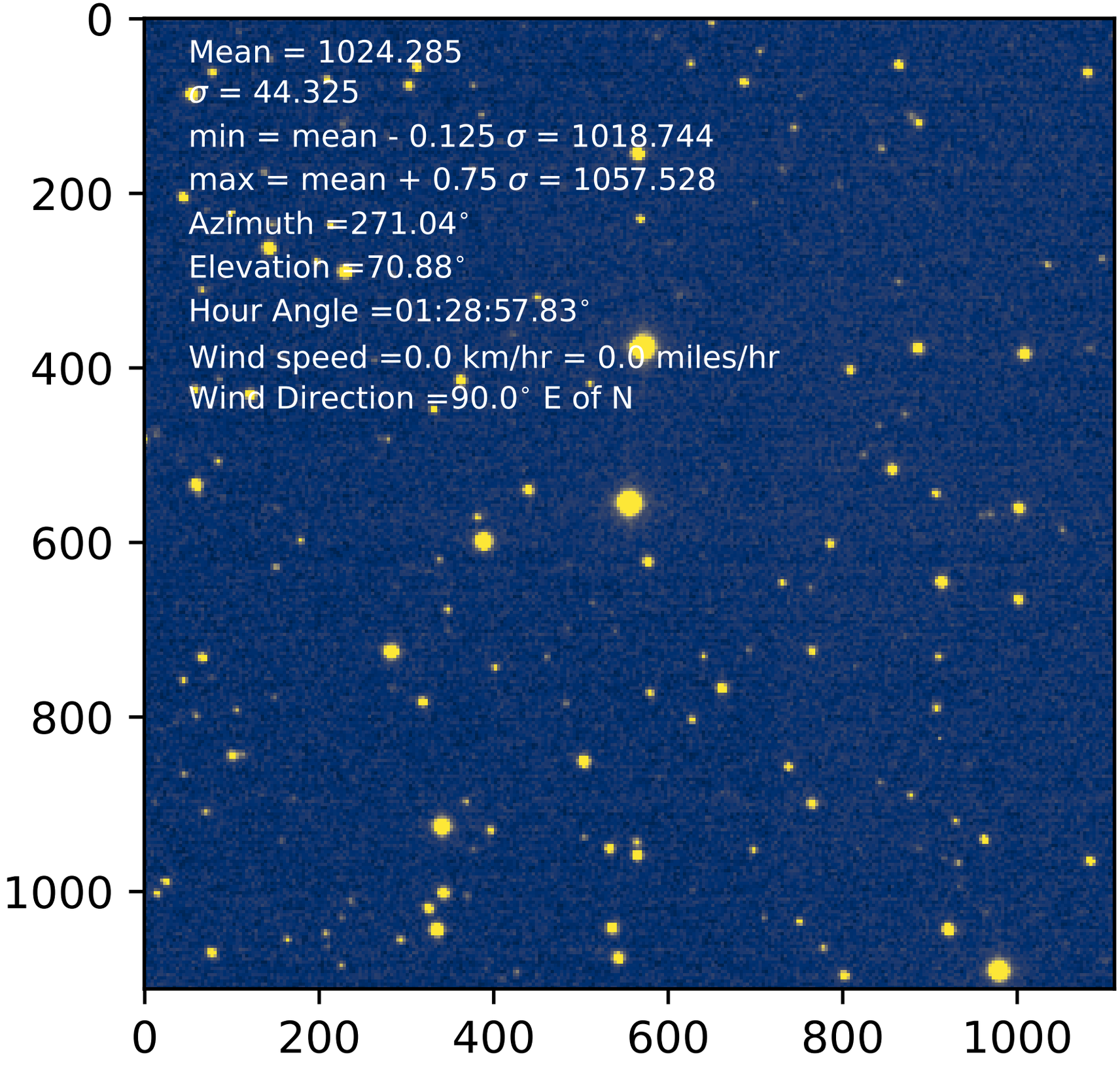

Mean = 1024.417
σ = 43.262
min = mean - 0.125 σ = 1019.009
max = mean + 0.75 σ = 1056.864
Azimuth =270.6°
Elevation =71.65°
Hour Angle =01:25:20.24°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

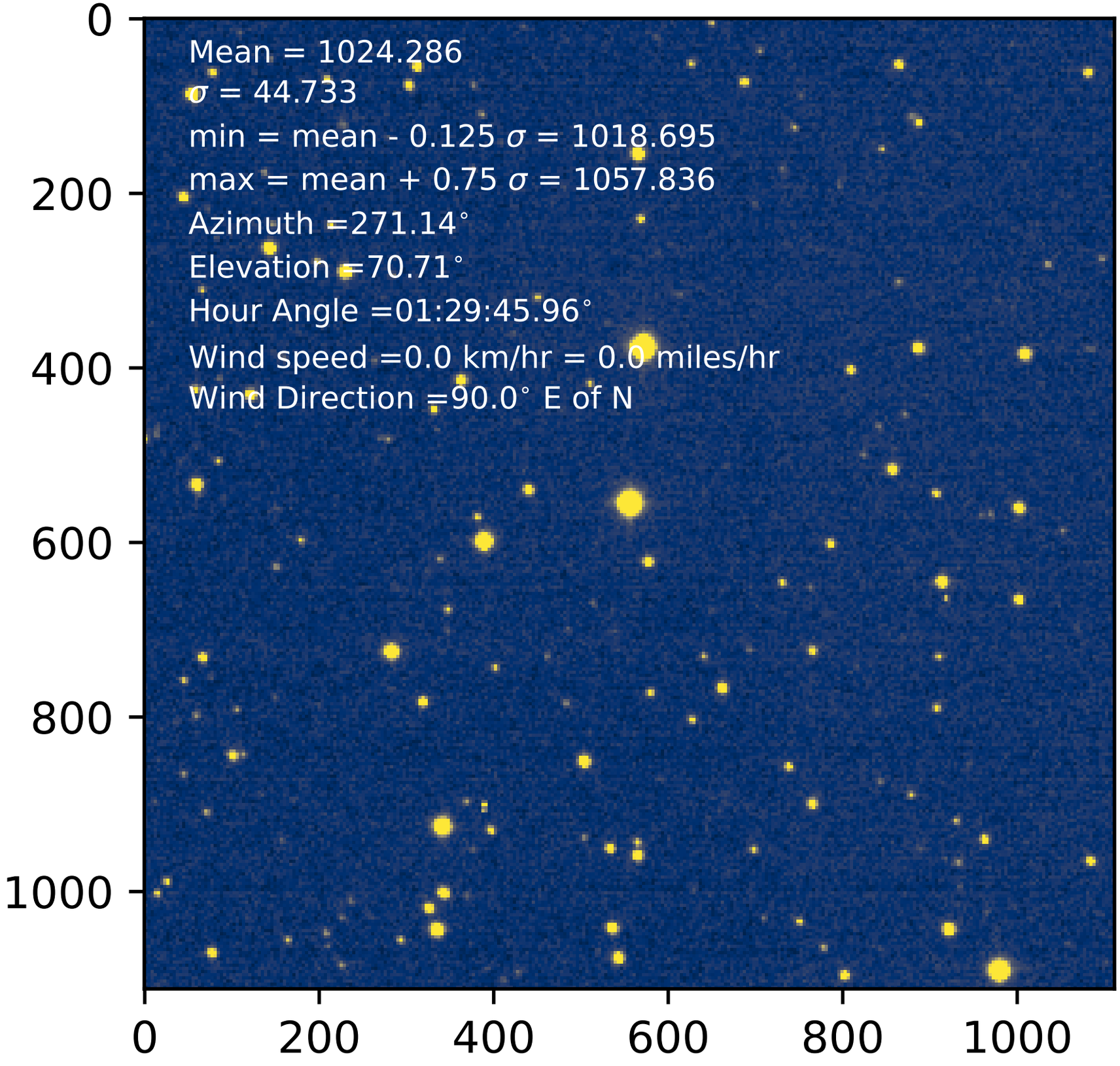

Mean = 1024.353
σ = 42.543
min = mean - 0.125 σ = 1019.035
max = mean + 0.75 σ = 1056.261
Azimuth =270.68°
Elevation =71.5°
Hour Angle =01:26:03.36°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

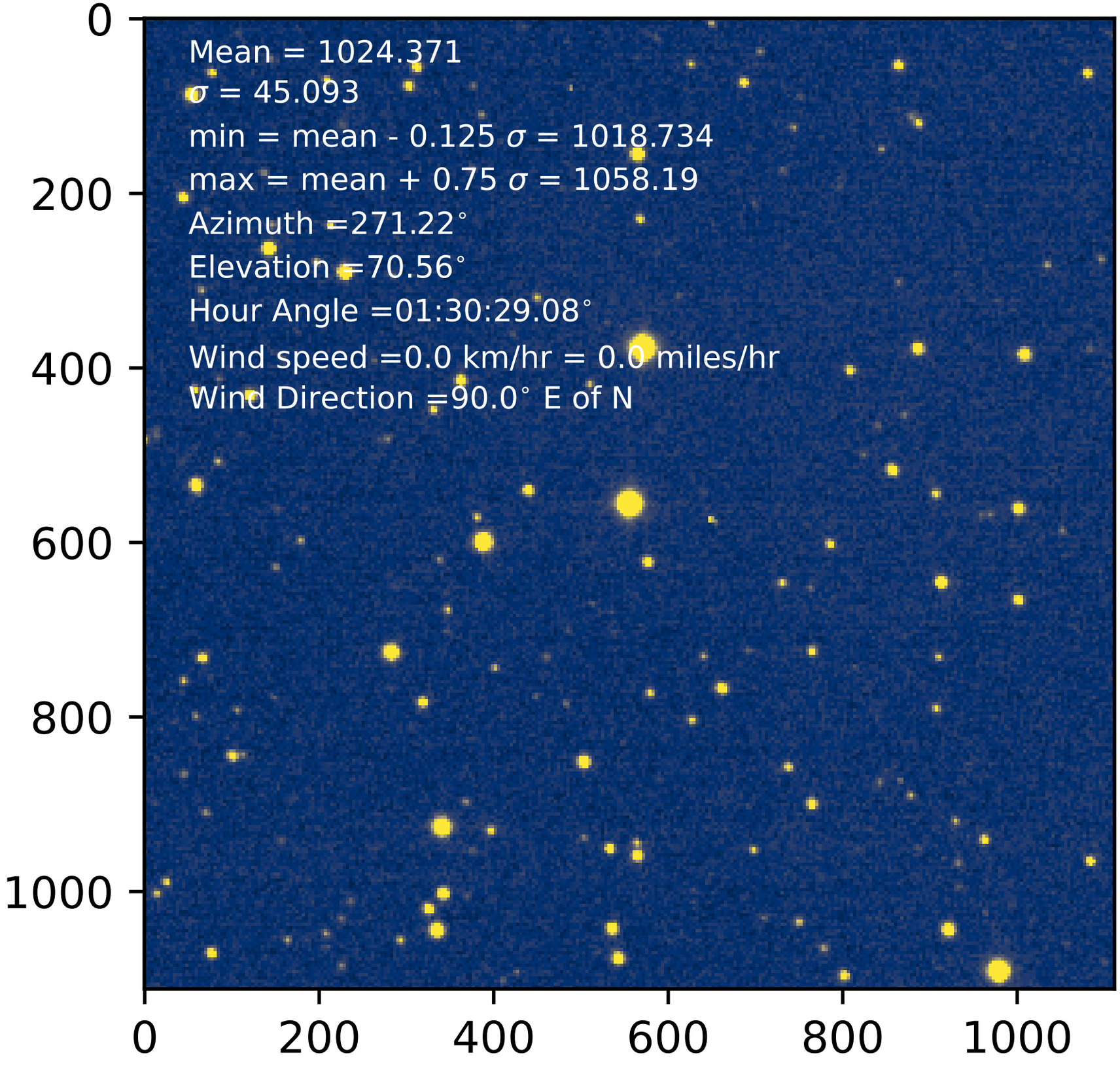

Mean = 1024.250
σ = 42.581
min = mean - 0.125 σ = 1018.927
max = mean + 0.75 σ = 1056.185
Azimuth =270.78°
Elevation =71.34°
Hour Angle =01:26:47.48°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

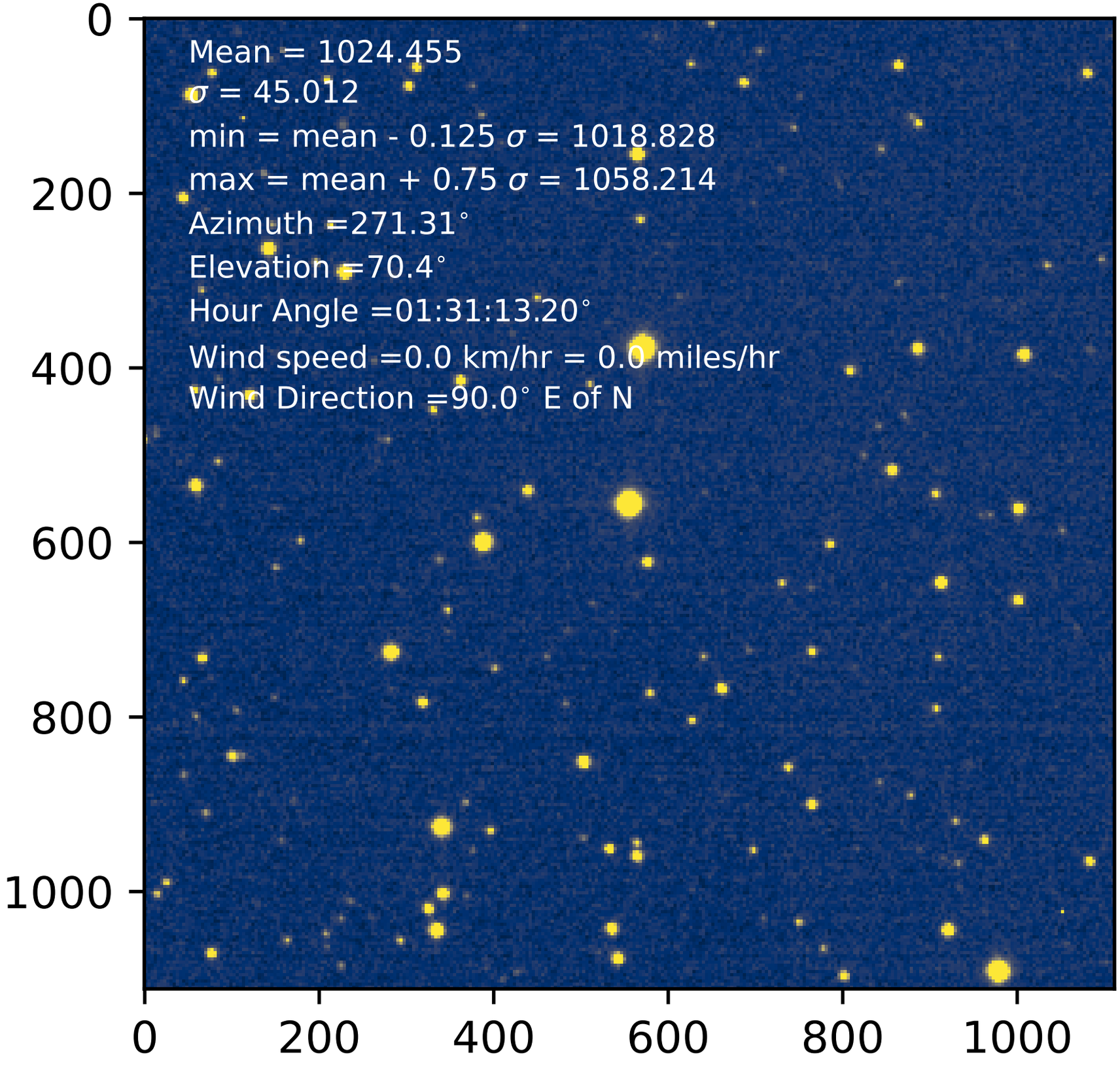

Mean = 1024.279
σ = 43.473
min = mean - 0.125 σ = 1018.845
max = mean + 0.75 σ = 1056.884
Azimuth =270.86°
Elevation =71.19°
Hour Angle =01:27:30.59°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

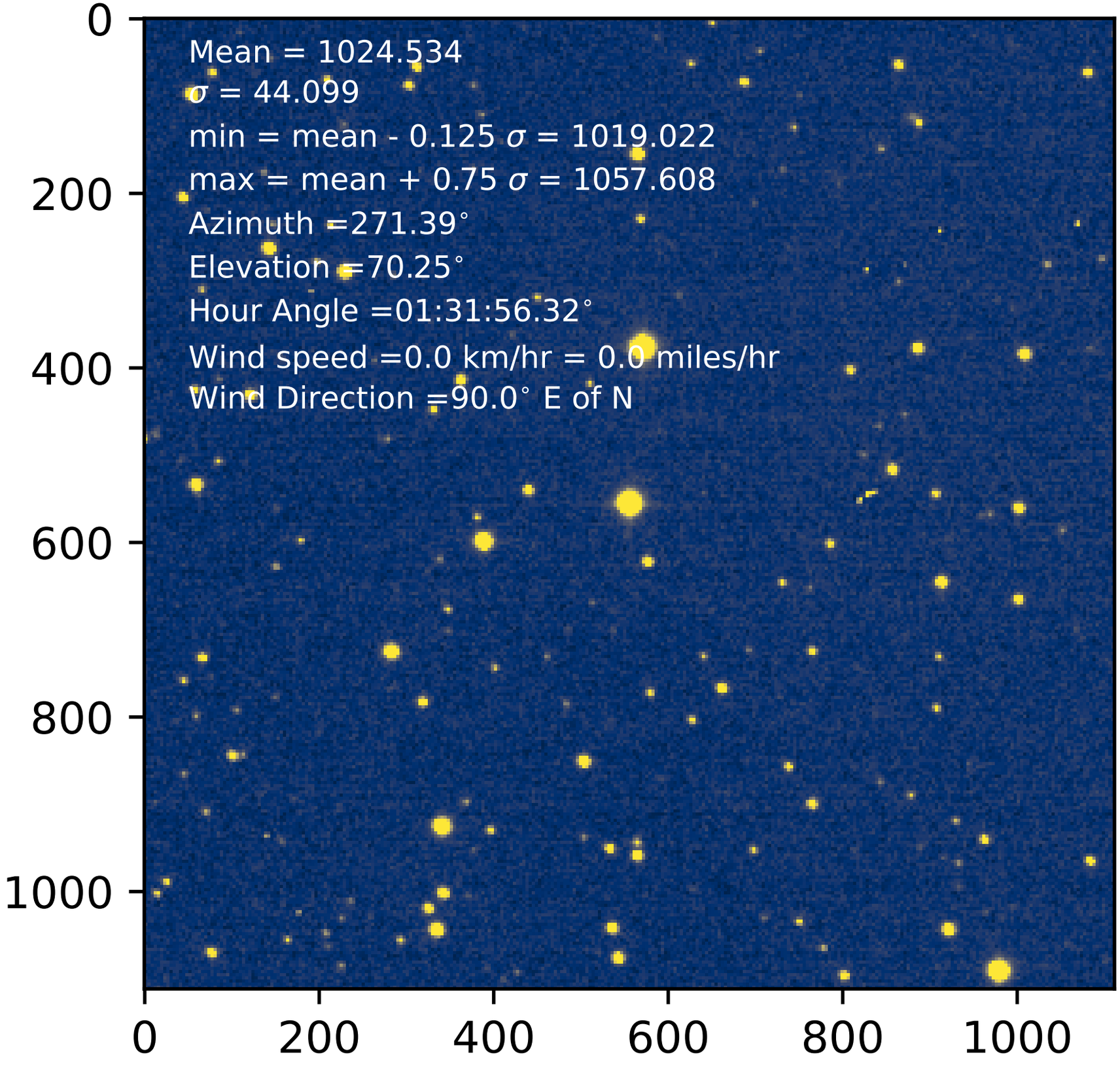

Mean = 1024.279
σ = 43.742
min = mean - 0.125 σ = 1018.811
max = mean + 0.75 σ = 1057.085
Azimuth =270.95°
Elevation =71.03°
Hour Angle =01:28:14.71°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

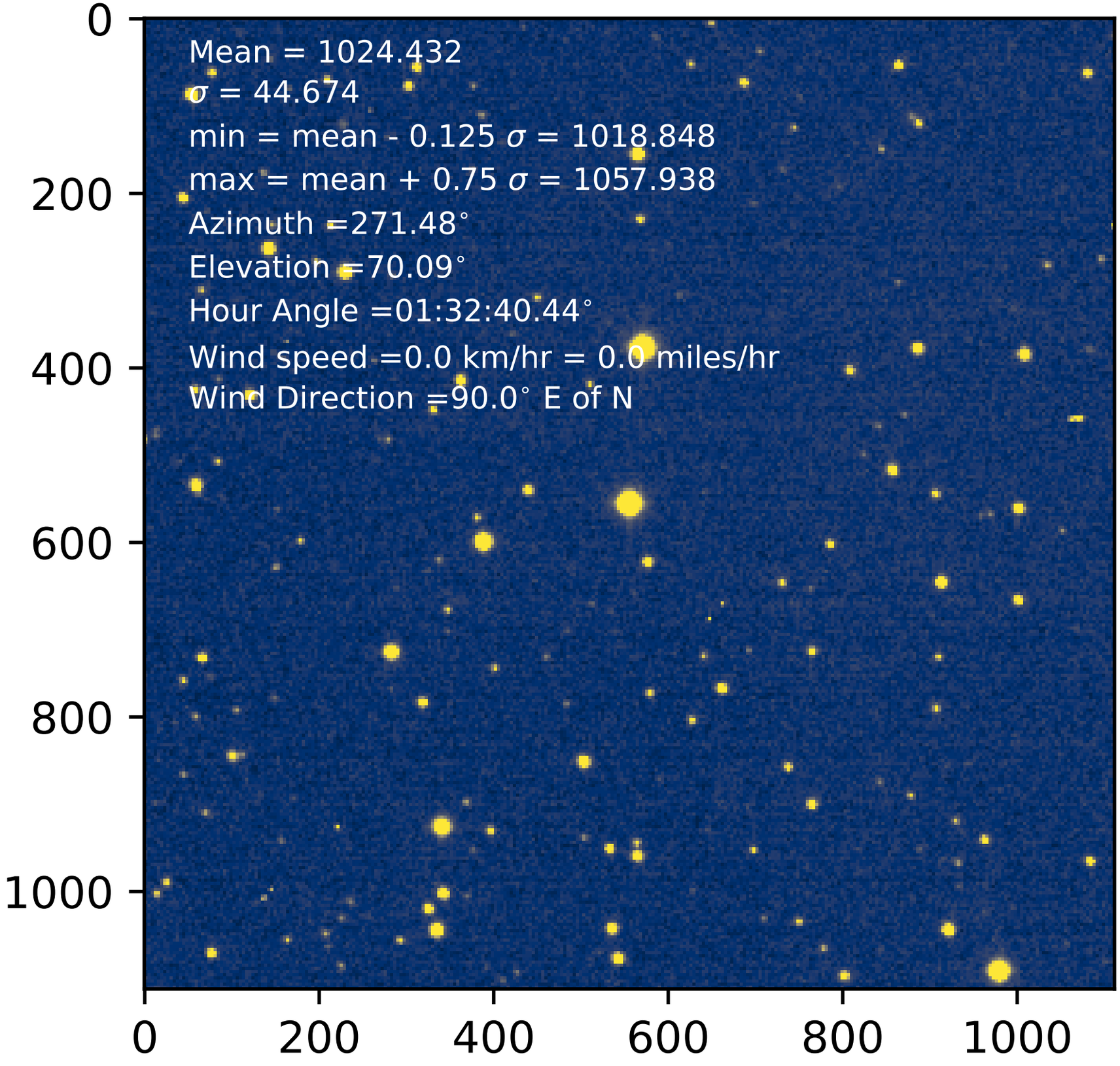

Mean = 1024.285
σ = 44.325
min = mean - 0.125 σ = 1018.744
max = mean + 0.75 σ = 1057.528
Azimuth =271.04°
Elevation =70.88°
Hour Angle =01:28:57.83°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

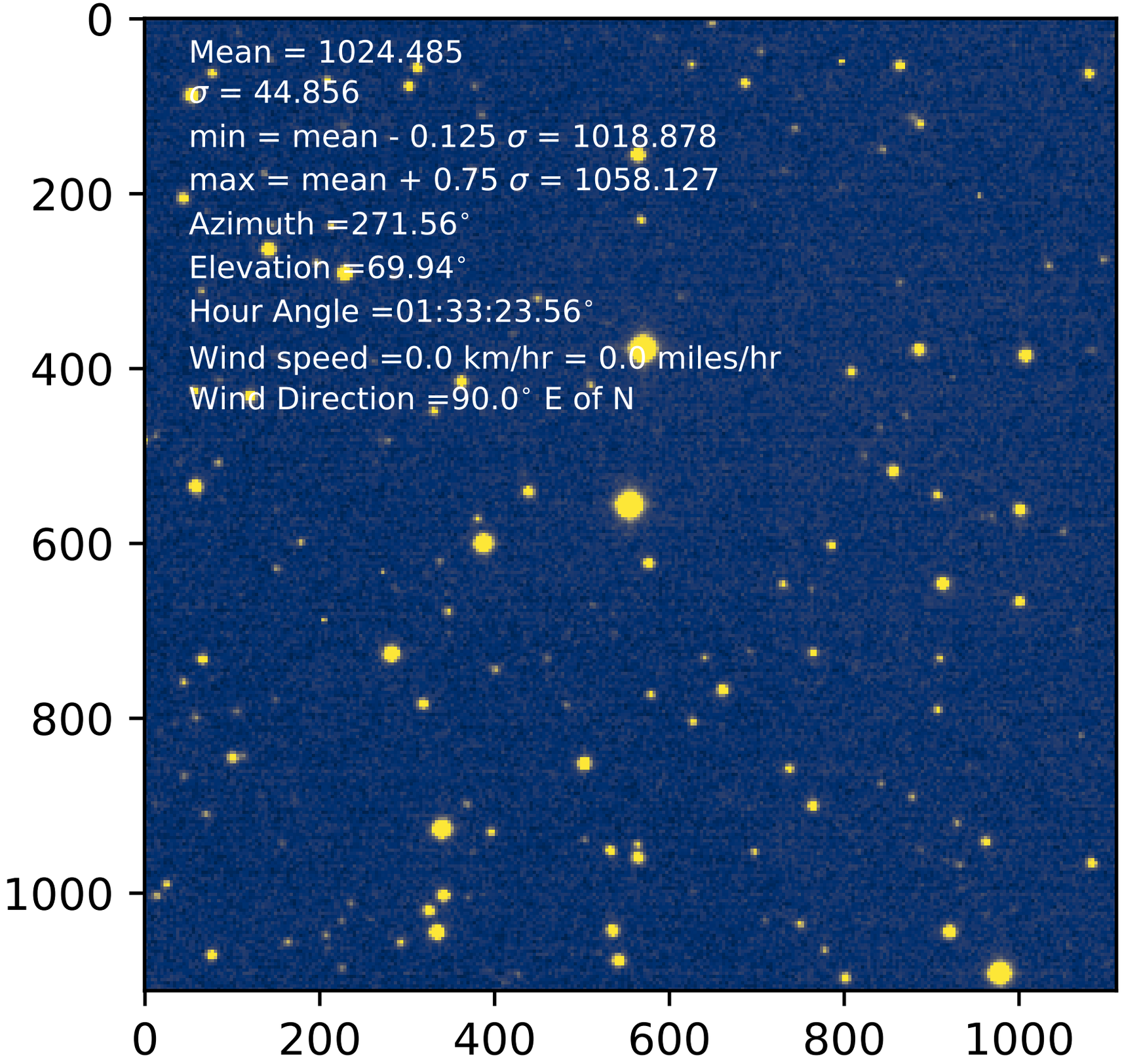

Mean = 1024.286
σ = 44.733
min = mean - 0.125 σ = 1018.695
max = mean + 0.75 σ = 1057.836
Azimuth =271.14°
Elevation =70.71°
Hour Angle =01:29:45.96°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

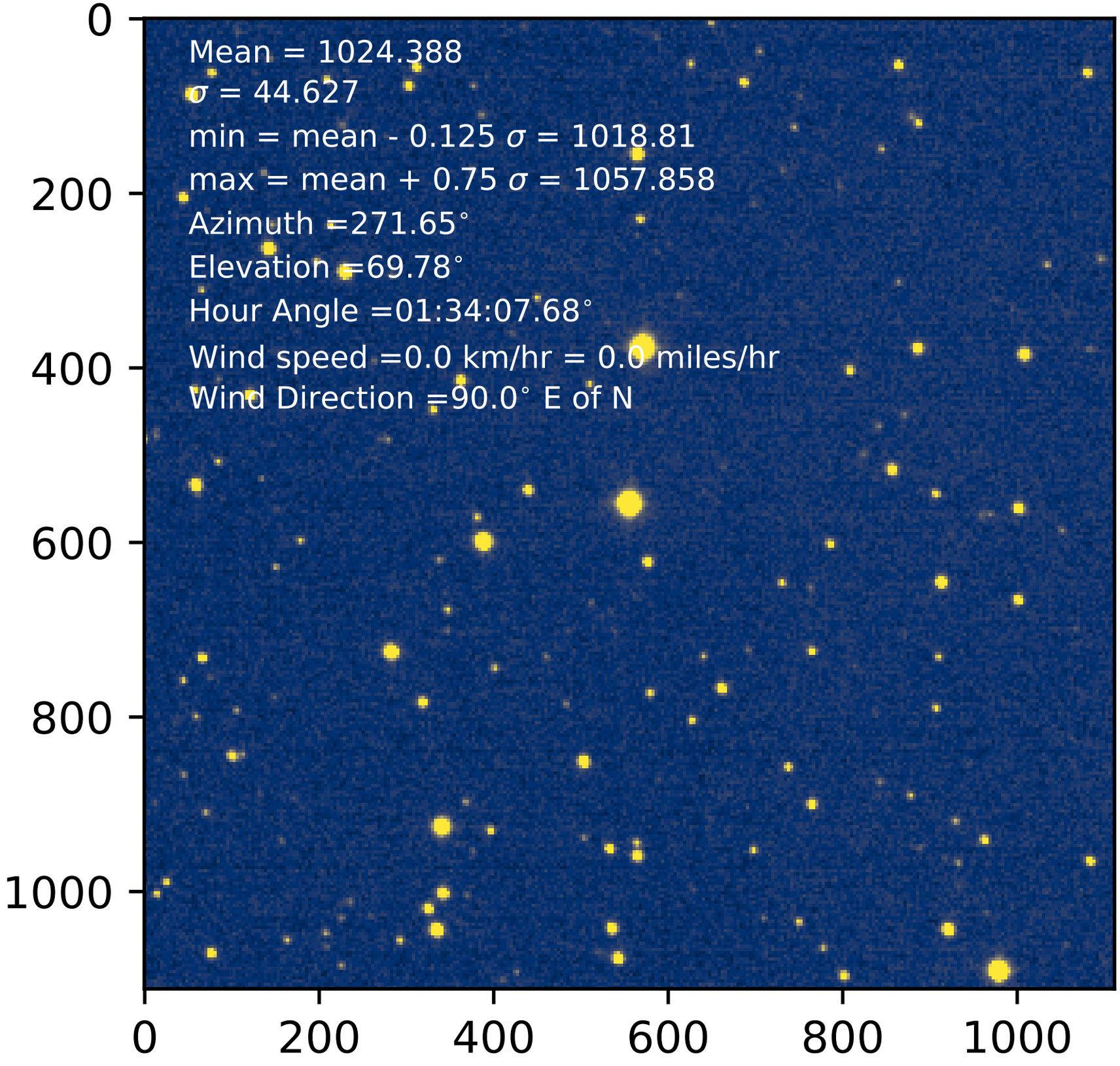

Mean = 1024.371
σ = 45.093
min = mean - 0.125 σ = 1018.734
max = mean + 0.75 σ = 1058.19
Azimuth =271.22°
Elevation =70.56°
Hour Angle =01:30:29.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

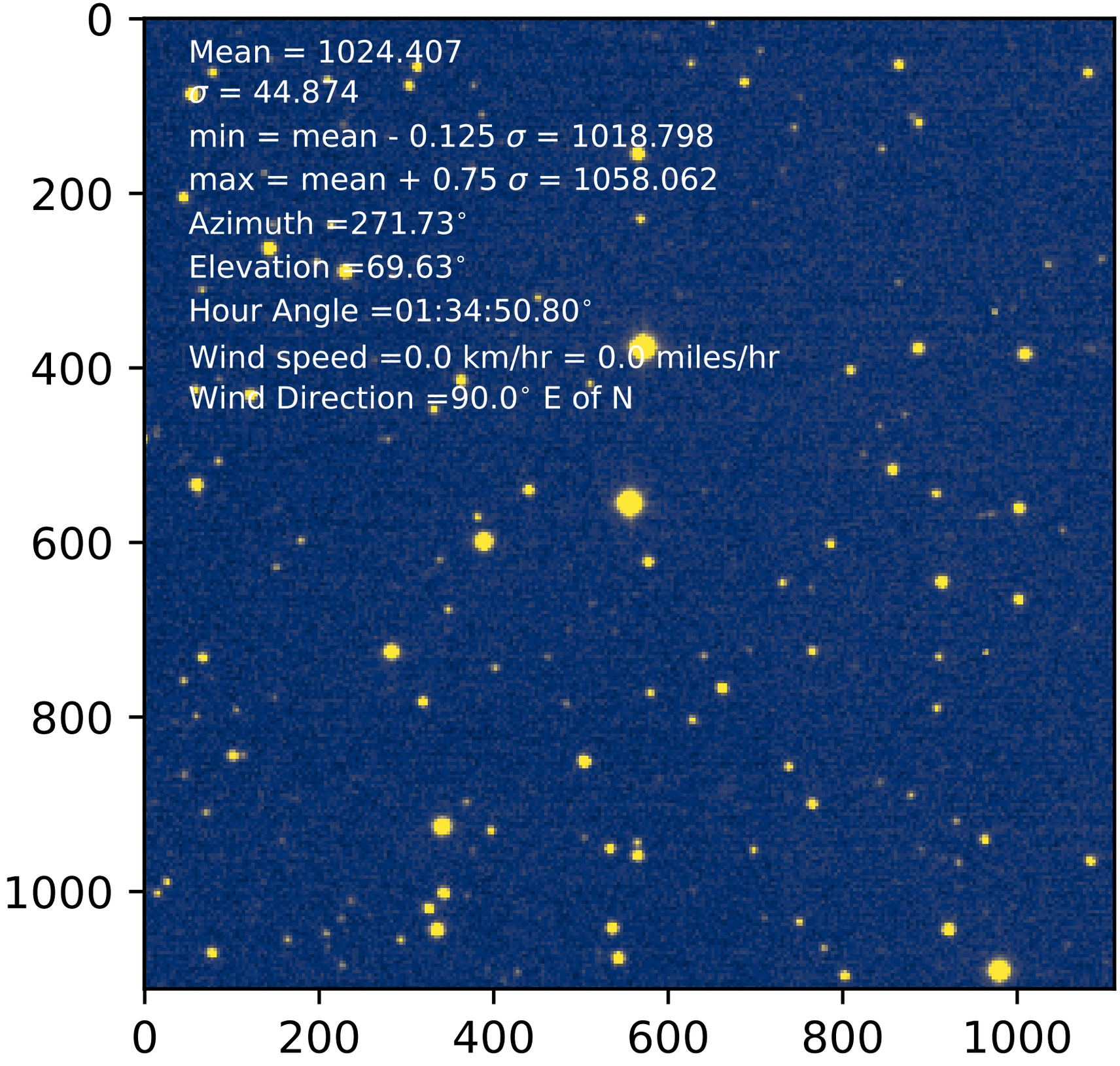

Mean = 1024.455
σ = 45.012
min = mean - 0.125 σ = 1018.828
max = mean + 0.75 σ = 1058.214
Azimuth =271.31°
Elevation =70.4°
Hour Angle =01:31:13.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

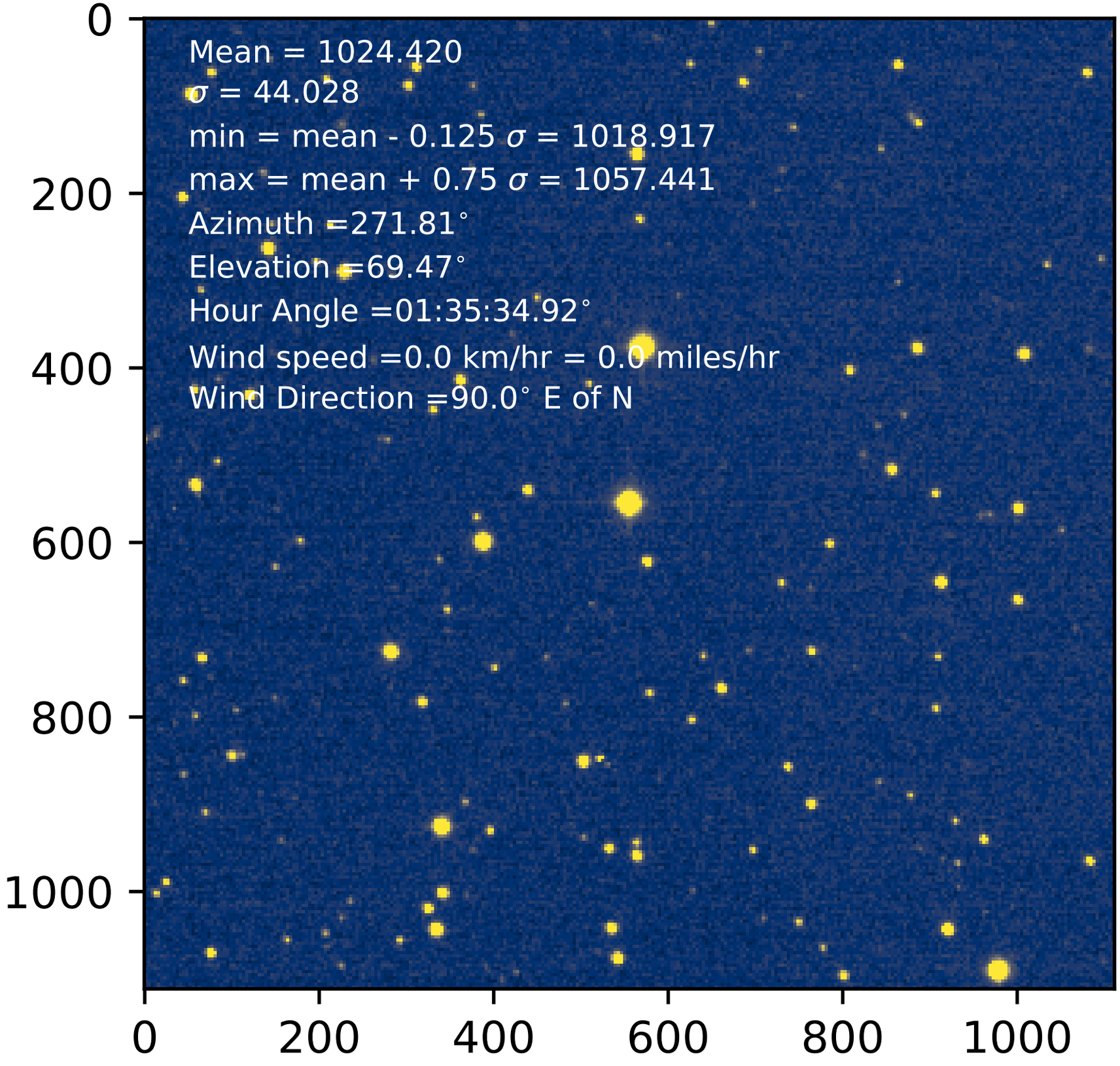

Mean = 1024.534
σ = 44.099
min = mean - 0.125 σ = 1019.022
max = mean + 0.75 σ = 1057.608
Azimuth =271.39°
Elevation =70.25°
Hour Angle =01:31:56.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

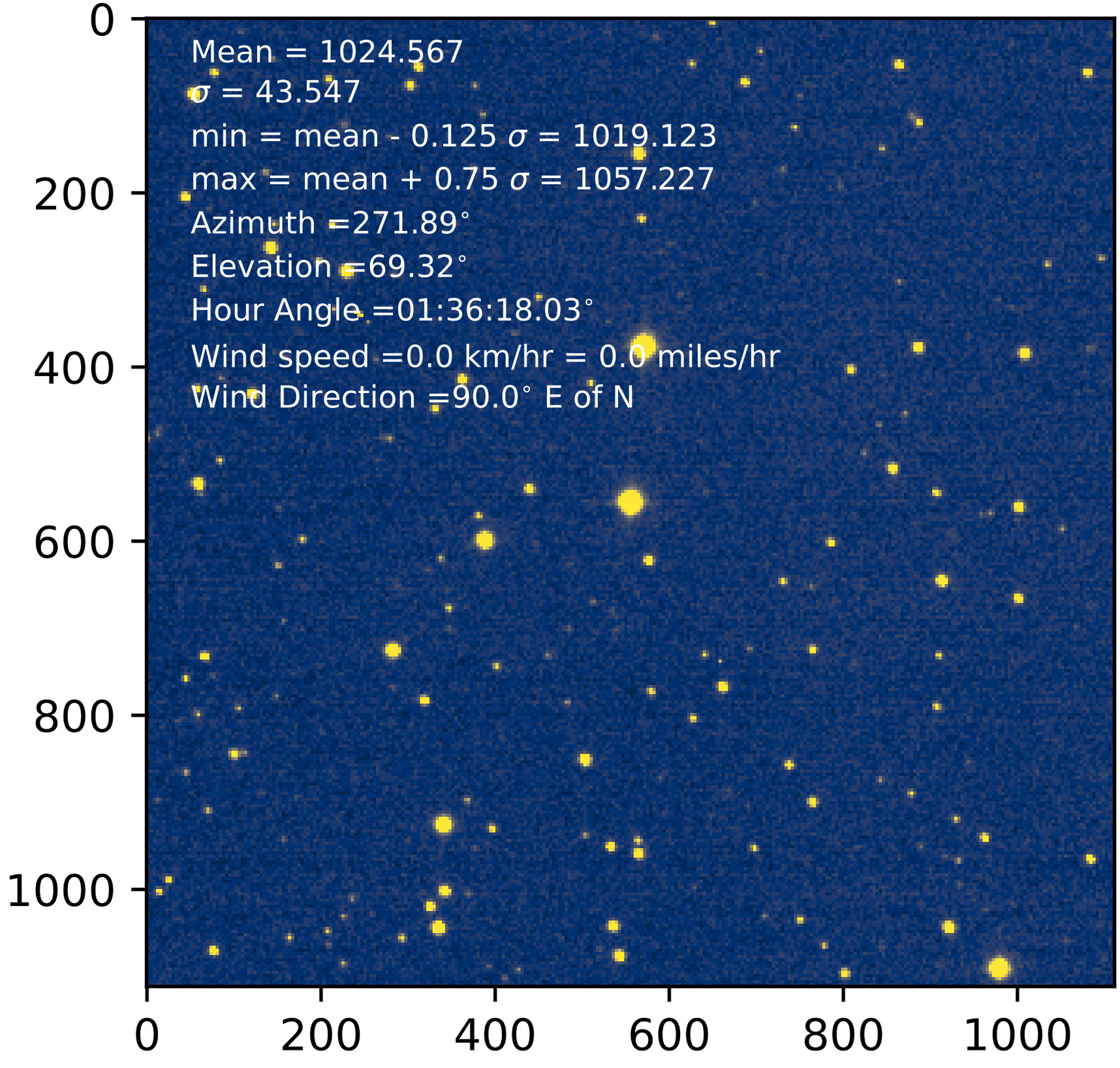

Mean = 1024.432
σ = 44.674
min = mean - 0.125 σ = 1018.848
max = mean + 0.75 σ = 1057.938
Azimuth =271.48°
Elevation =70.09°
Hour Angle =01:32:40.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

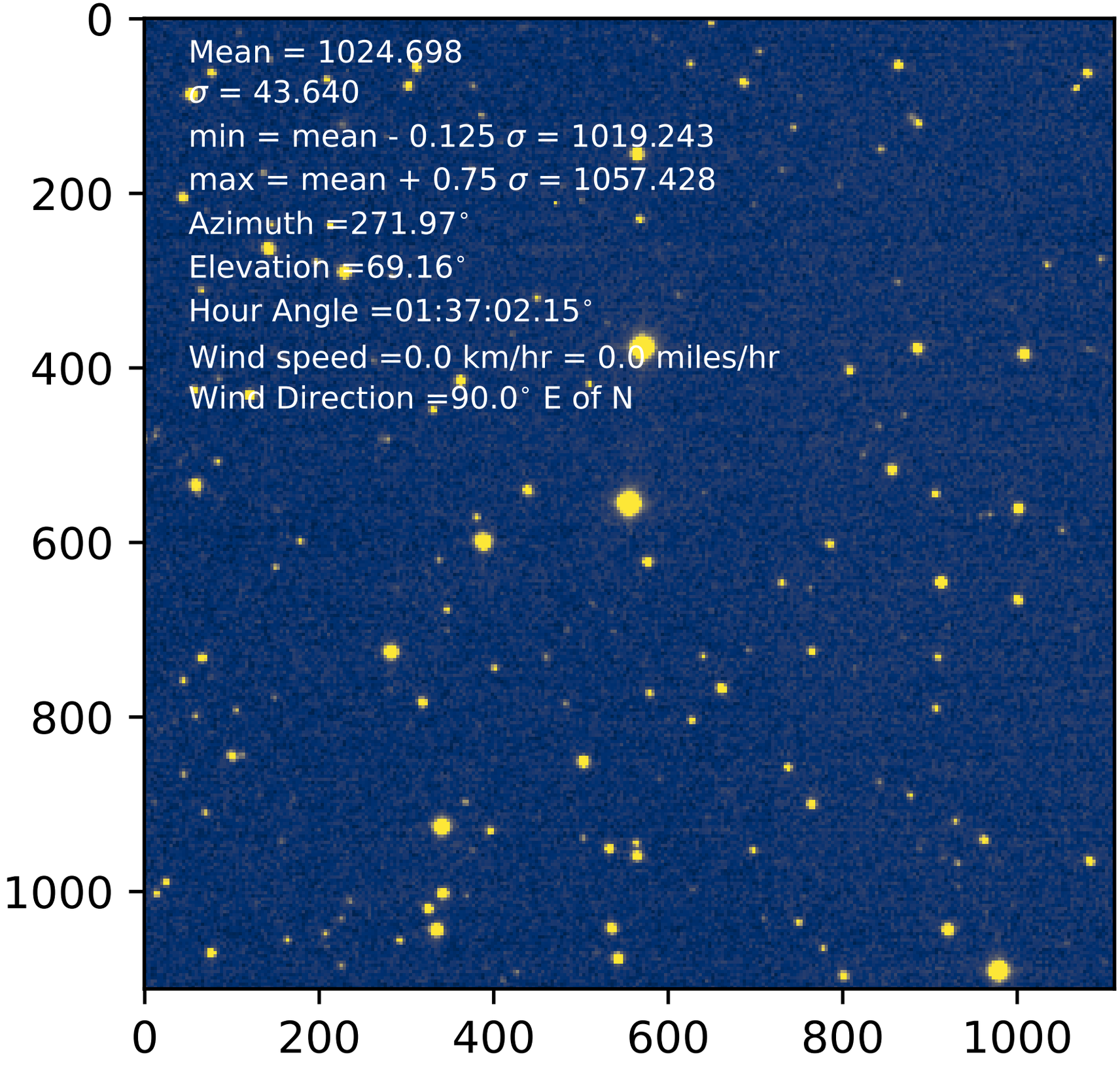

Mean = 1024.485
σ = 44.856
min = mean - 0.125 σ = 1018.878
max = mean + 0.75 σ = 1058.127
Azimuth =271.56°
Elevation =69.94°
Hour Angle =01:33:23.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

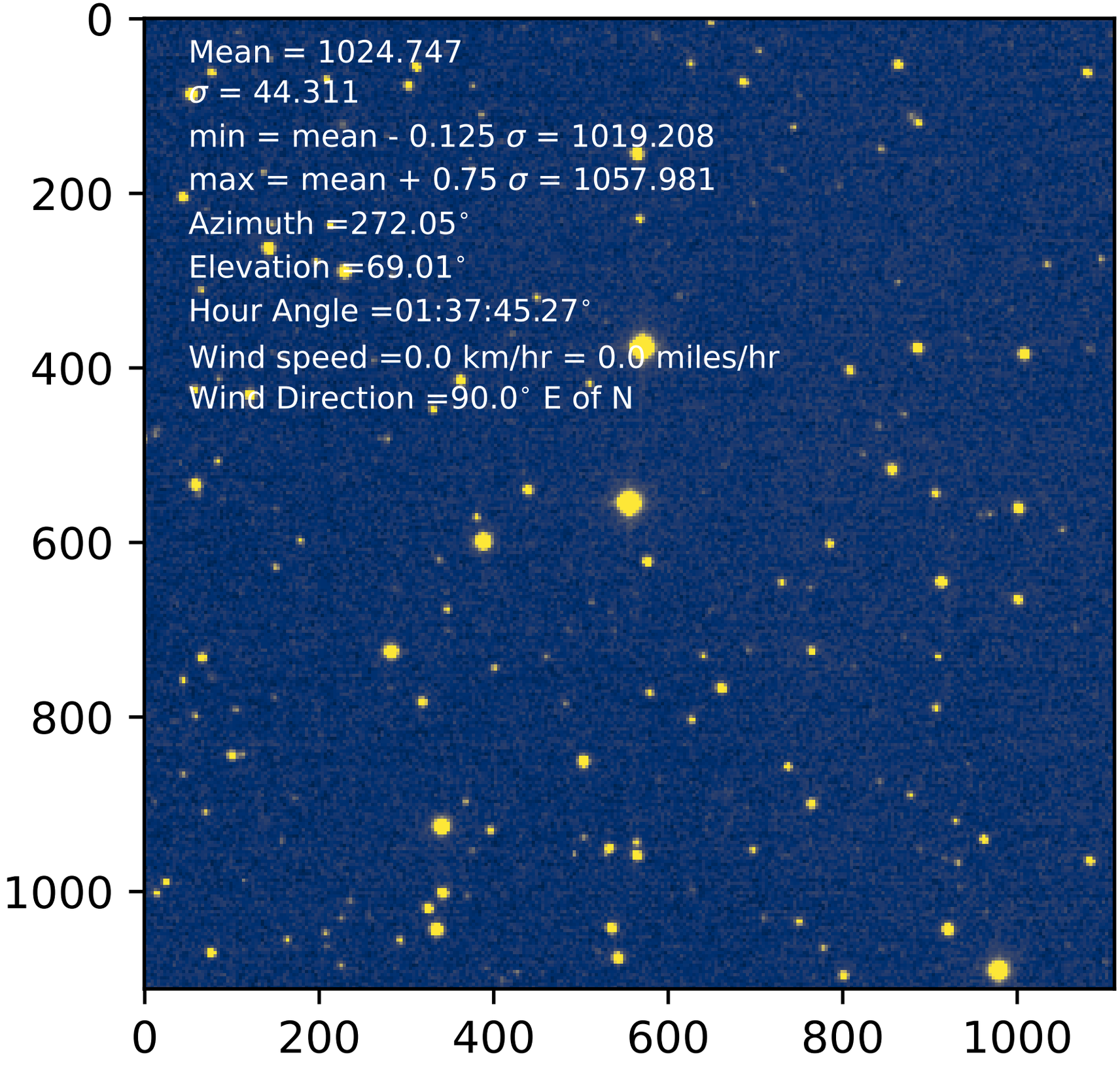

Mean = 1024.388
σ = 44.627
min = mean - 0.125 σ = 1018.81
max = mean + 0.75 σ = 1057.858
Azimuth =271.65°
Elevation =69.78°
Hour Angle =01:34:07.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

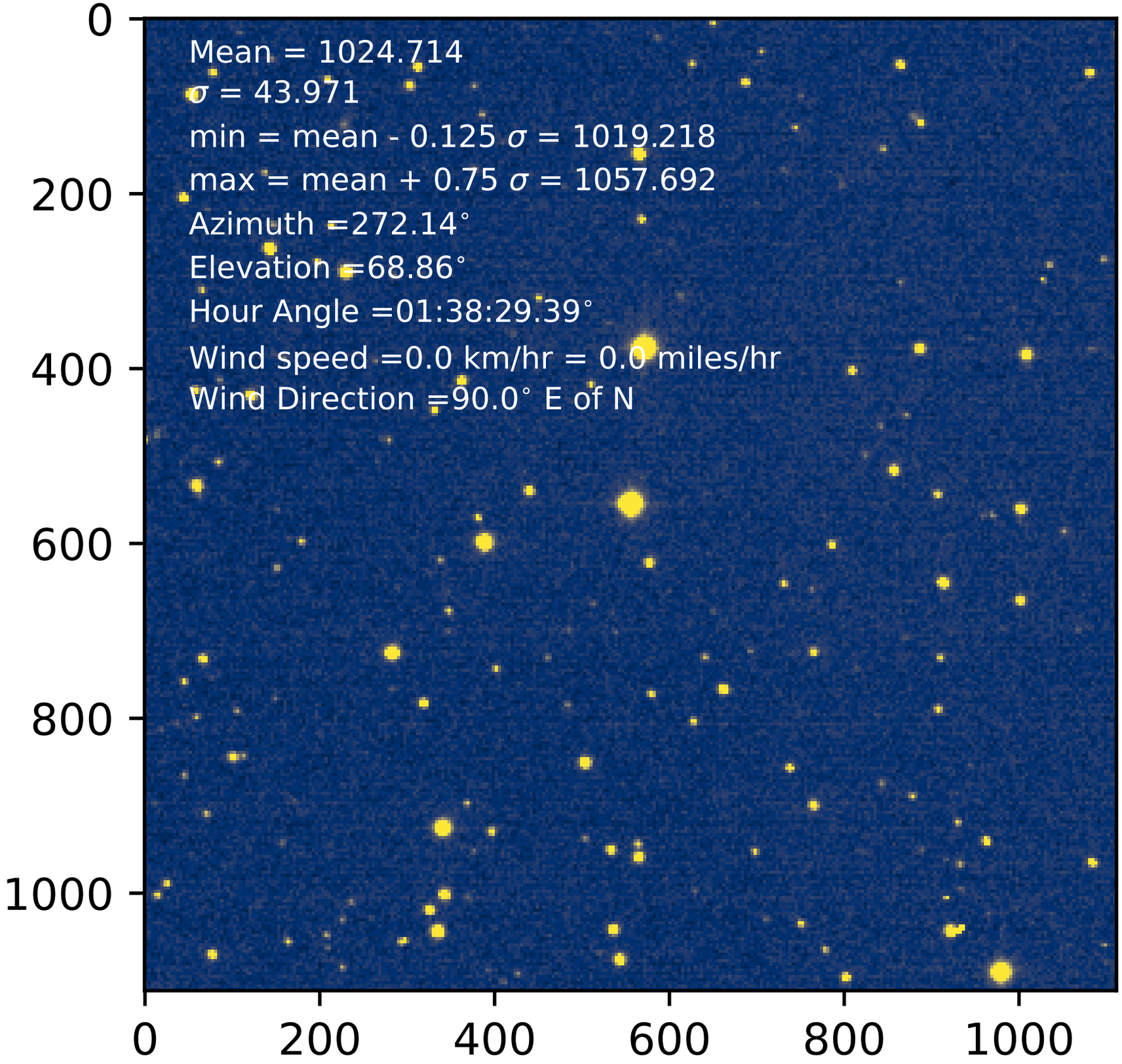

Mean = 1024.407
σ = 44.874
min = mean - 0.125 σ = 1018.798
max = mean + 0.75 σ = 1058.062
Azimuth =271.73°
Elevation =69.63°
Hour Angle =01:34:50.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

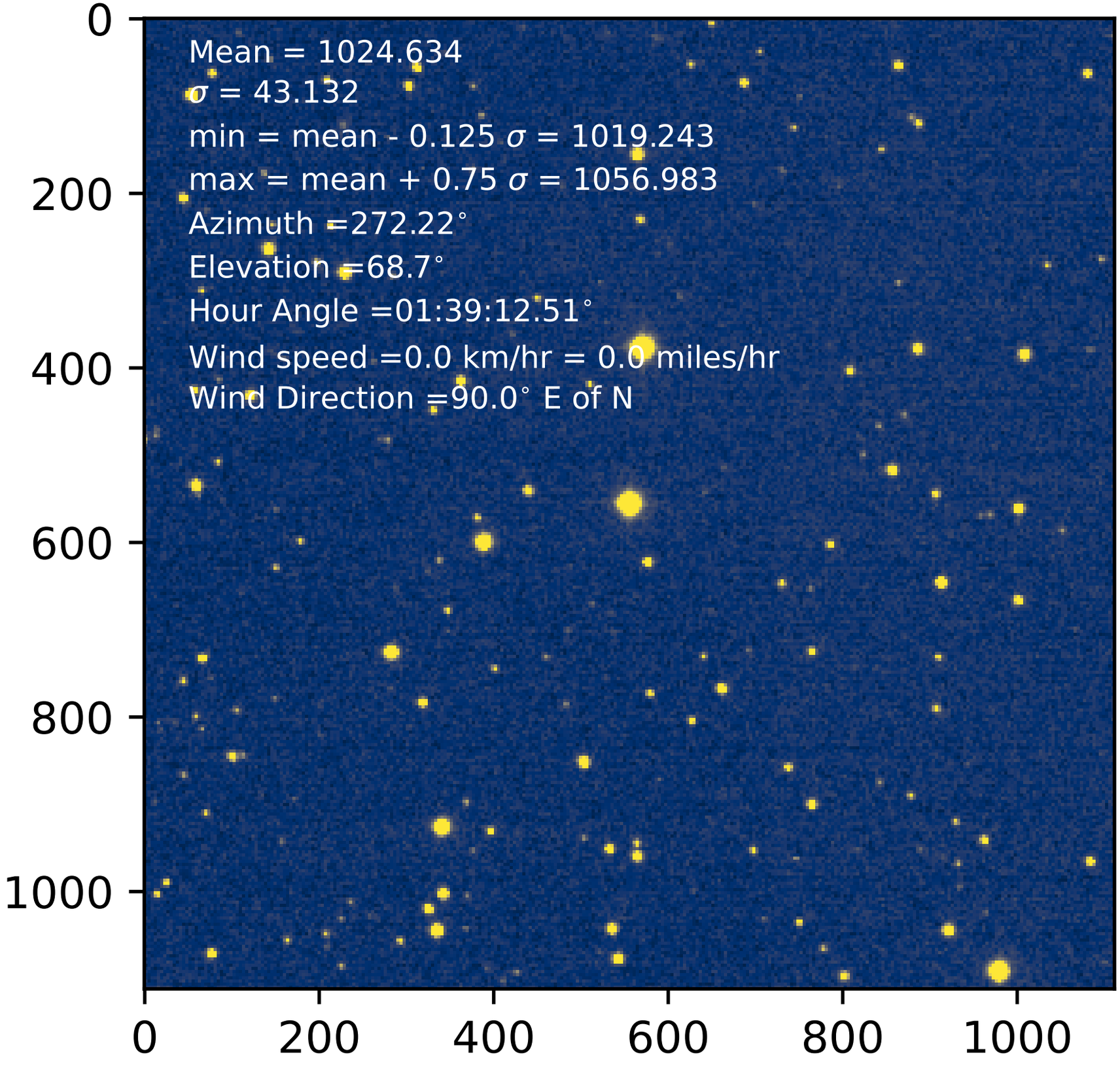

Mean = 1024.420
σ = 44.028
min = mean - 0.125 σ = 1018.917
max = mean + 0.75 σ = 1057.441
Azimuth =271.81°
Elevation =69.47°
Hour Angle =01:35:34.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

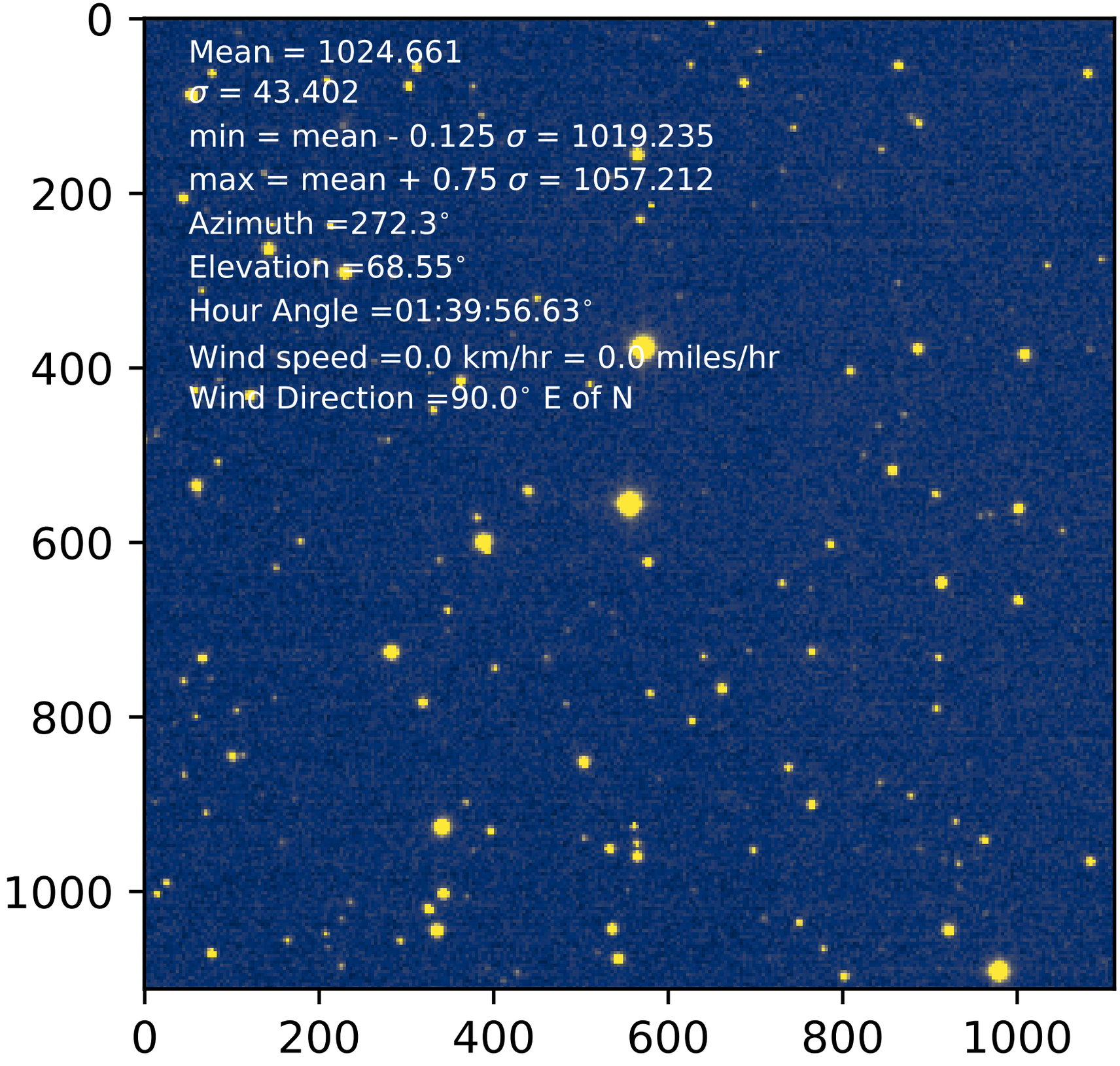

Mean = 1024.567
σ = 43.547
min = mean - 0.125 σ = 1019.123
max = mean + 0.75 σ = 1057.227
Azimuth =271.89°
Elevation =69.32°
Hour Angle =01:36:18.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

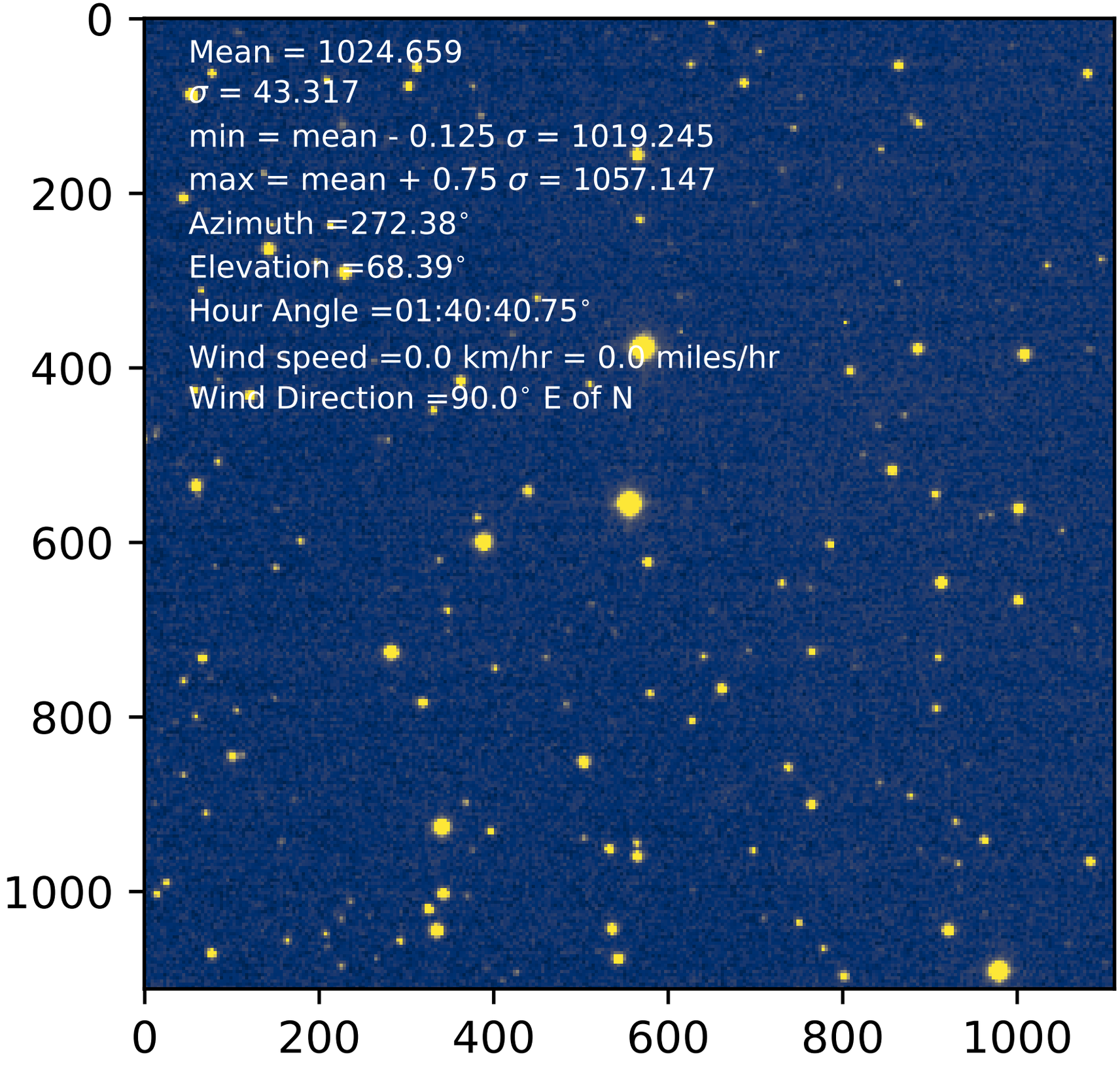

Mean = 1024.698
σ = 43.640
min = mean - 0.125 σ = 1019.243
max = mean + 0.75 σ = 1057.428
Azimuth =271.97°
Elevation =69.16°
Hour Angle =01:37:02.15°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

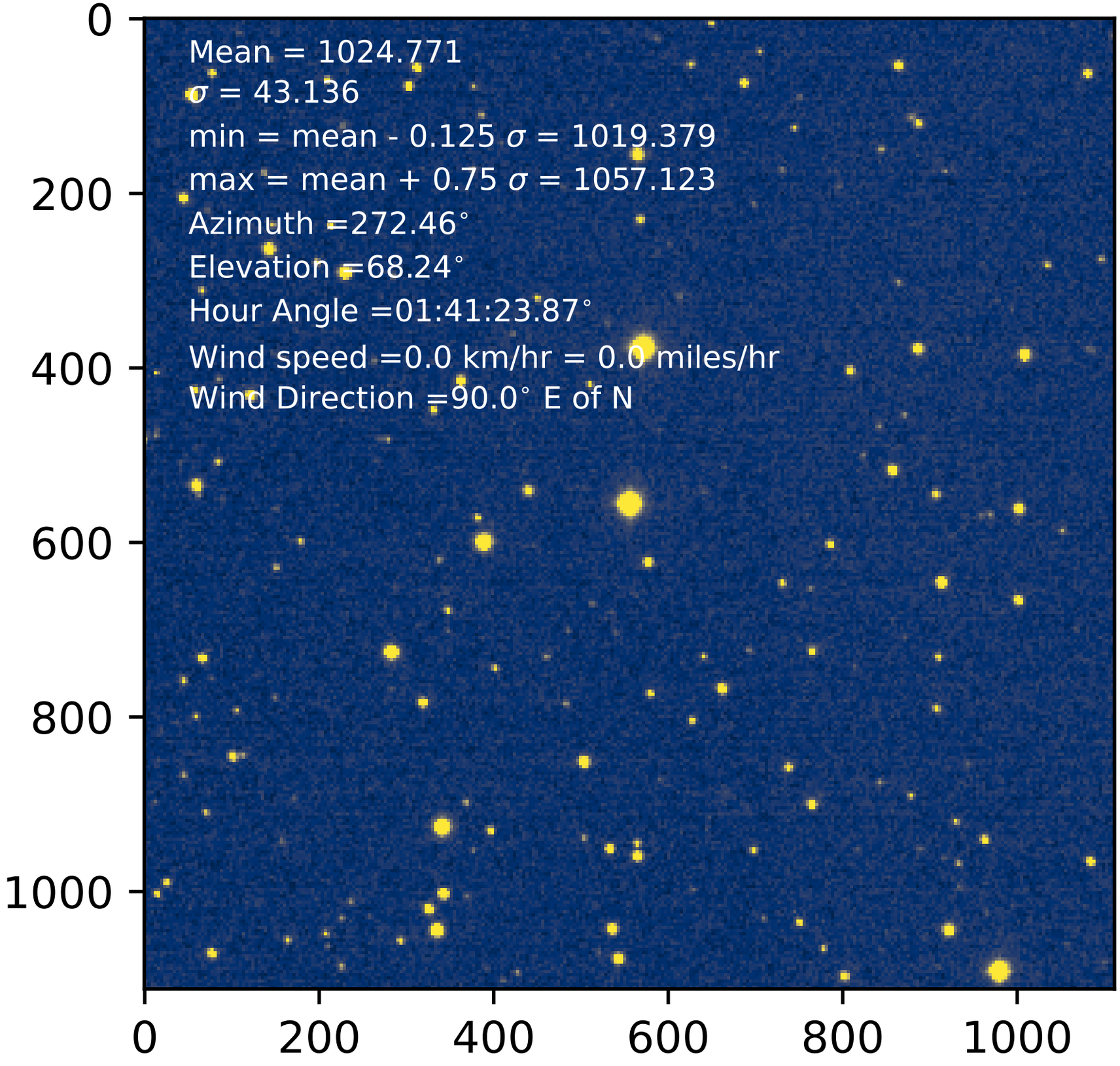

Mean = 1024.747
σ = 44.311
min = mean - 0.125 σ = 1019.208
max = mean + 0.75 σ = 1057.981
Azimuth =272.05°
Elevation =69.01°
Hour Angle =01:37:45.27°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

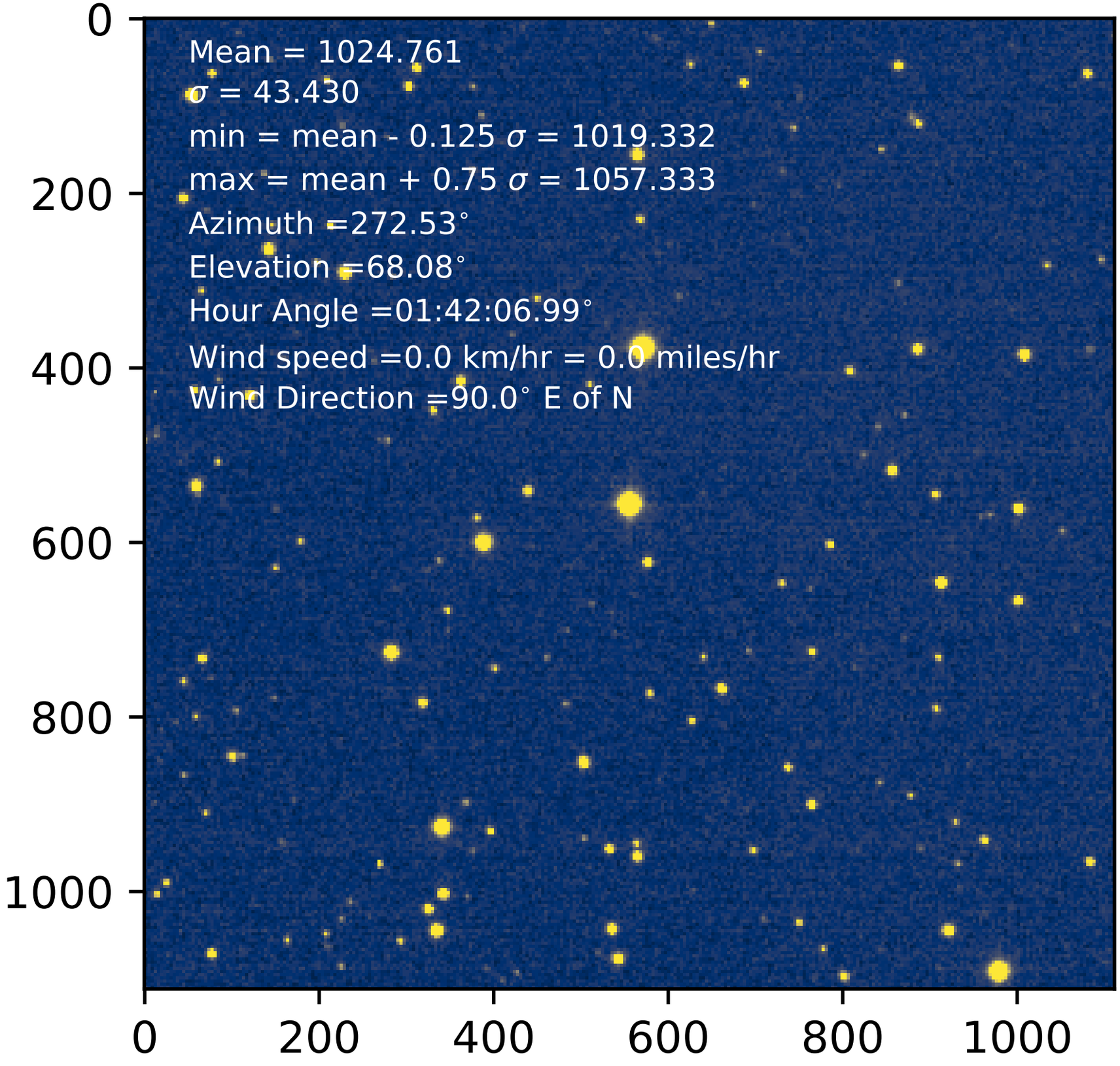

Mean = 1024.714
σ = 43.971
min = mean - 0.125 σ = 1019.218
max = mean + 0.75 σ = 1057.692
Azimuth =272.14°
Elevation =68.86°
Hour Angle =01:38:29.39°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

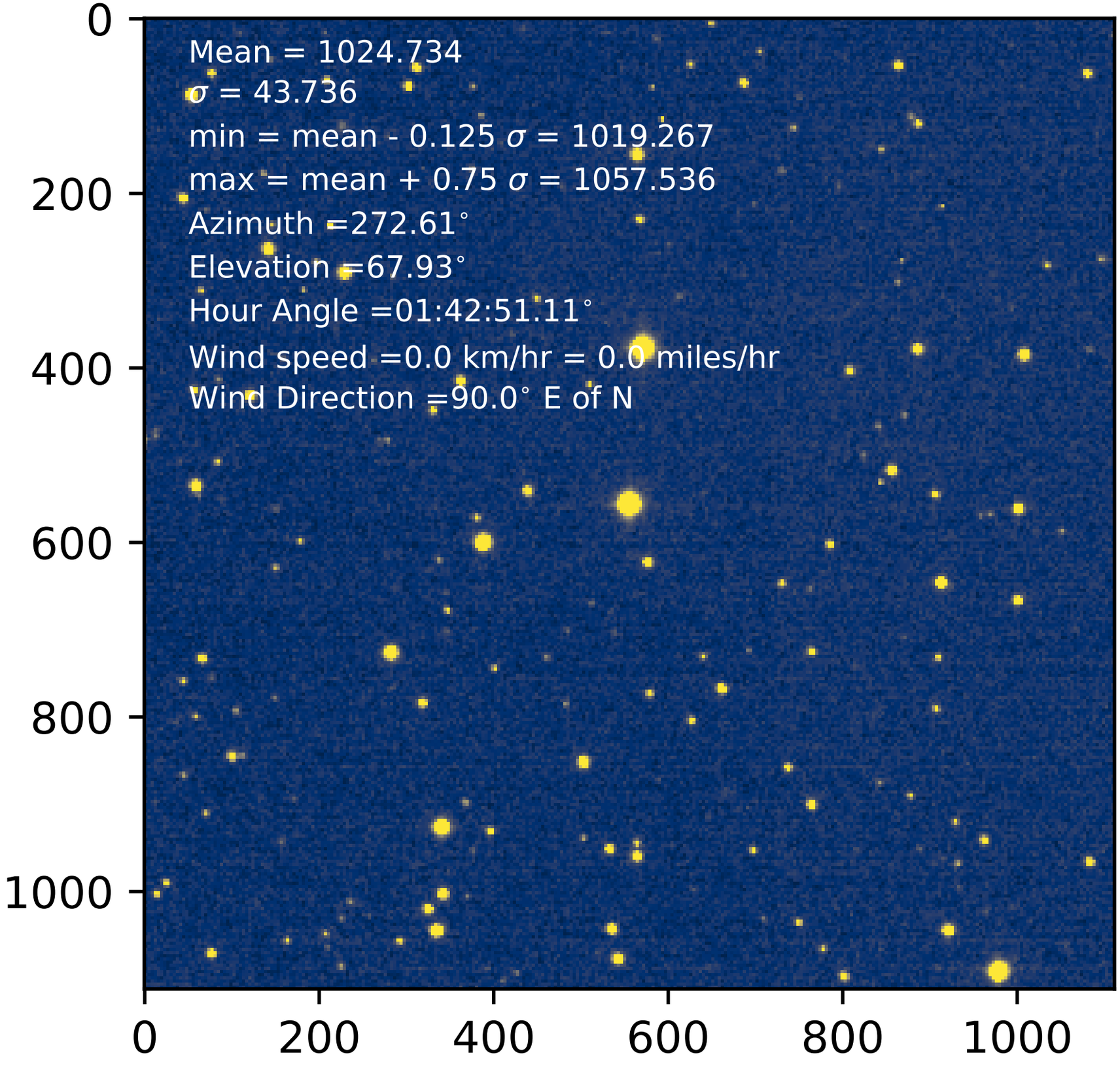

Mean = 1024.634
σ = 43.132
min = mean - 0.125 σ = 1019.243
max = mean + 0.75 σ = 1056.983
Azimuth =272.22°
Elevation =68.7°
Hour Angle =01:39:12.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

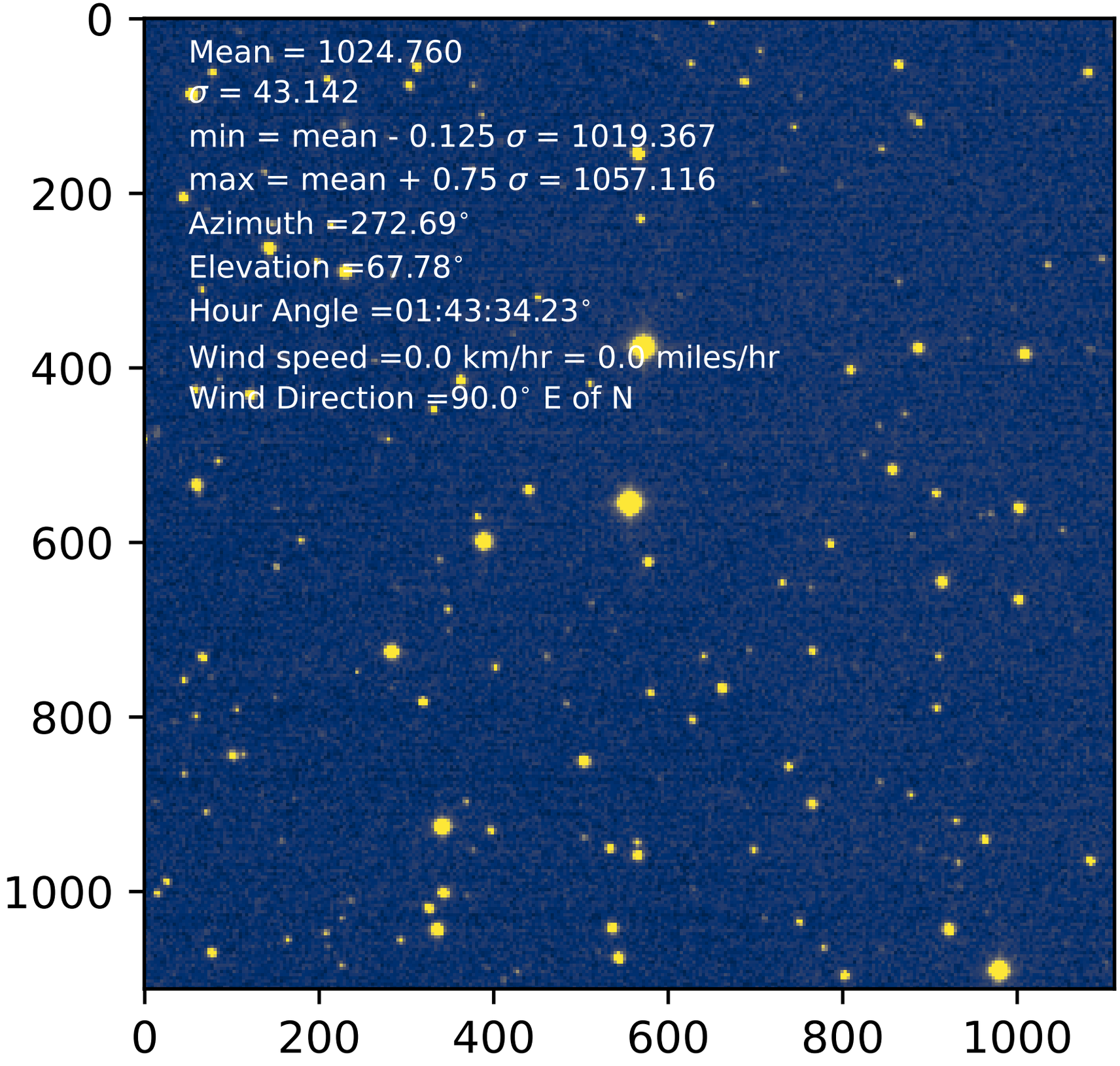

Mean = 1024.661
σ = 43.402
min = mean - 0.125 σ = 1019.235
max = mean + 0.75 σ = 1057.212
Azimuth =272.3°
Elevation =68.55°
Hour Angle =01:39:56.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

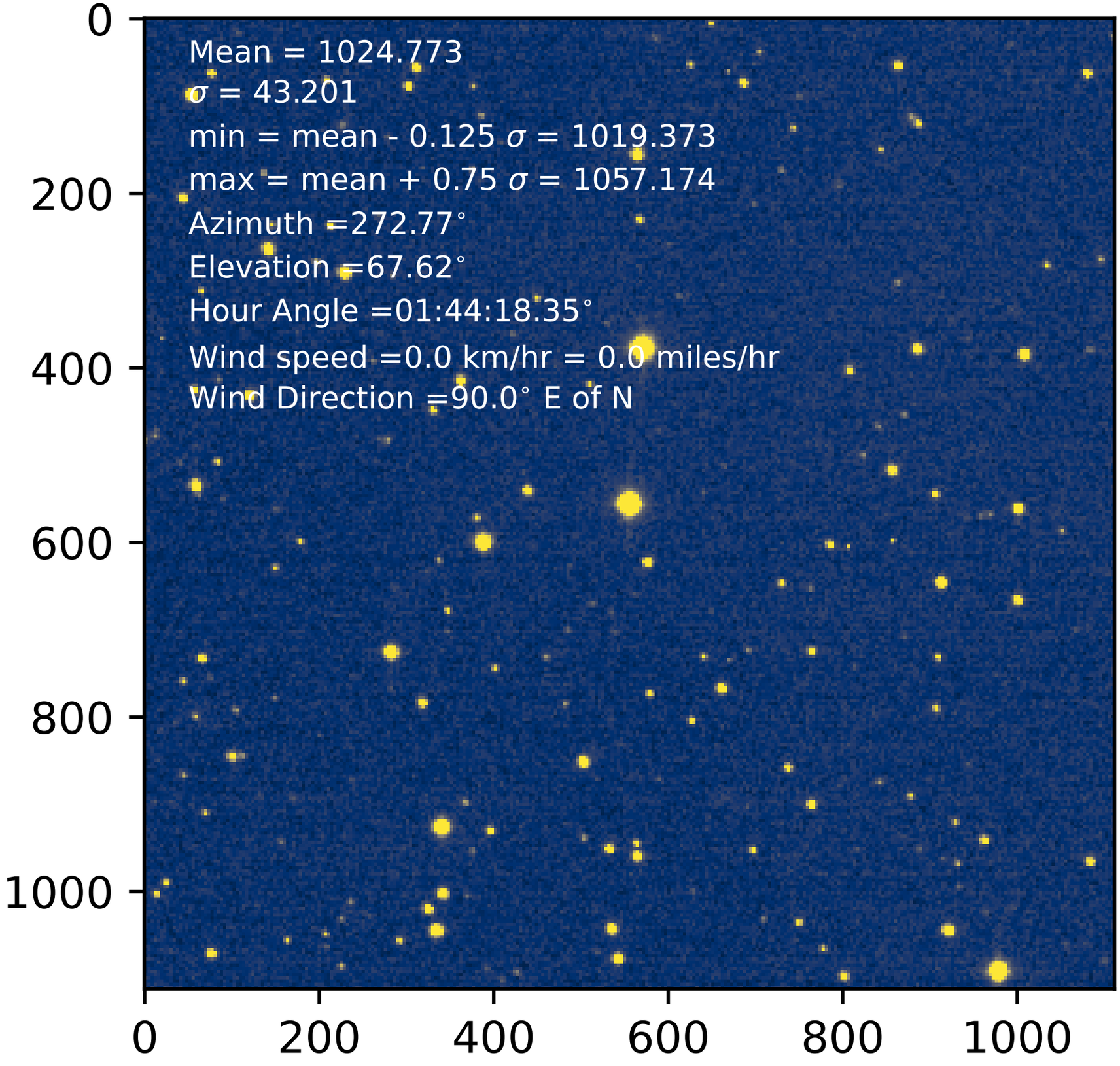

Mean = 1024.659
σ = 43.317
min = mean - 0.125 σ = 1019.245
max = mean + 0.75 σ = 1057.147
Azimuth =272.38°
Elevation =68.39°
Hour Angle =01:40:40.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

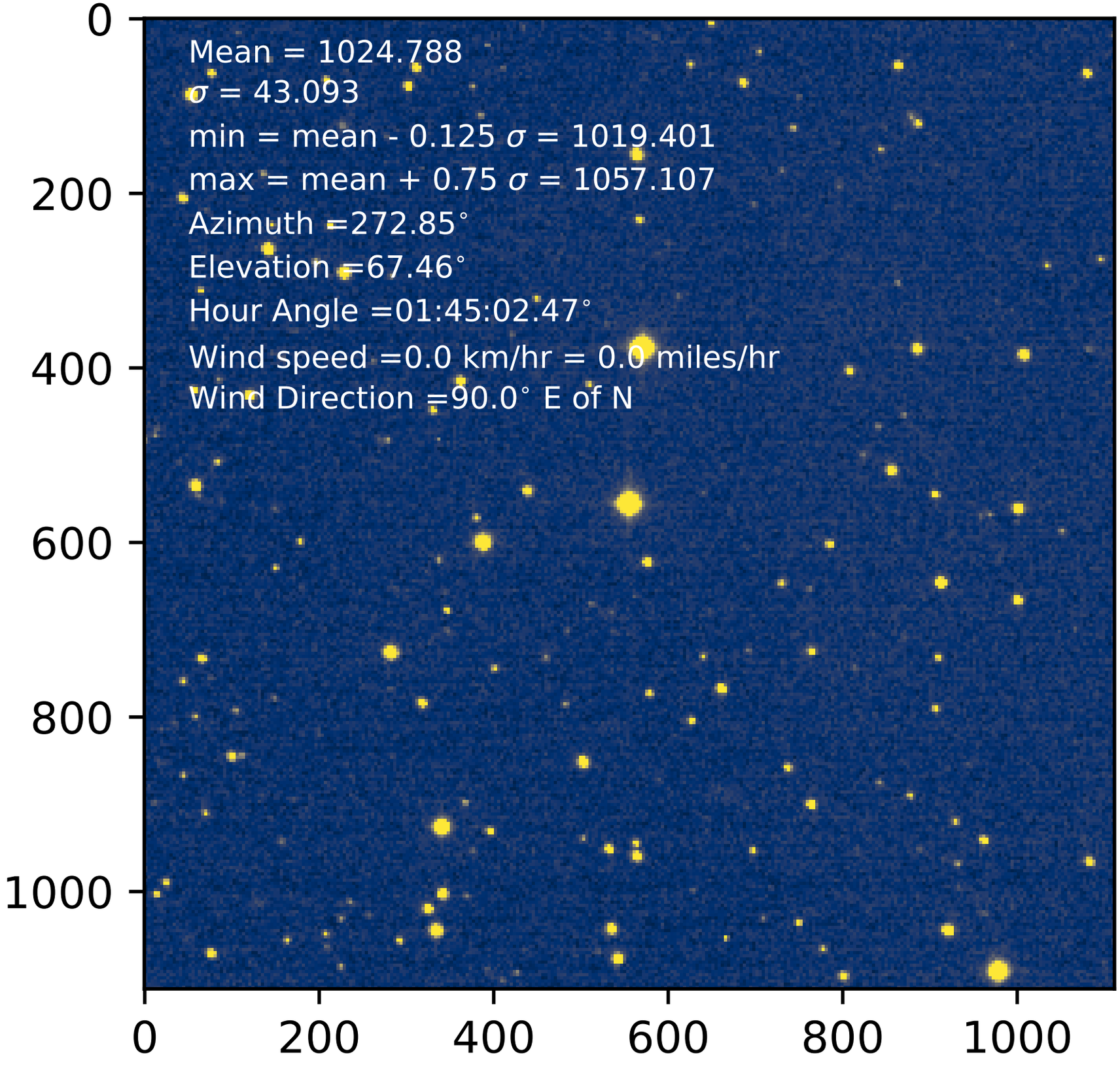

Mean = 1024.771
σ = 43.136
min = mean - 0.125 σ = 1019.379
max = mean + 0.75 σ = 1057.123
Azimuth =272.46°
Elevation =68.24°
Hour Angle =01:41:23.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

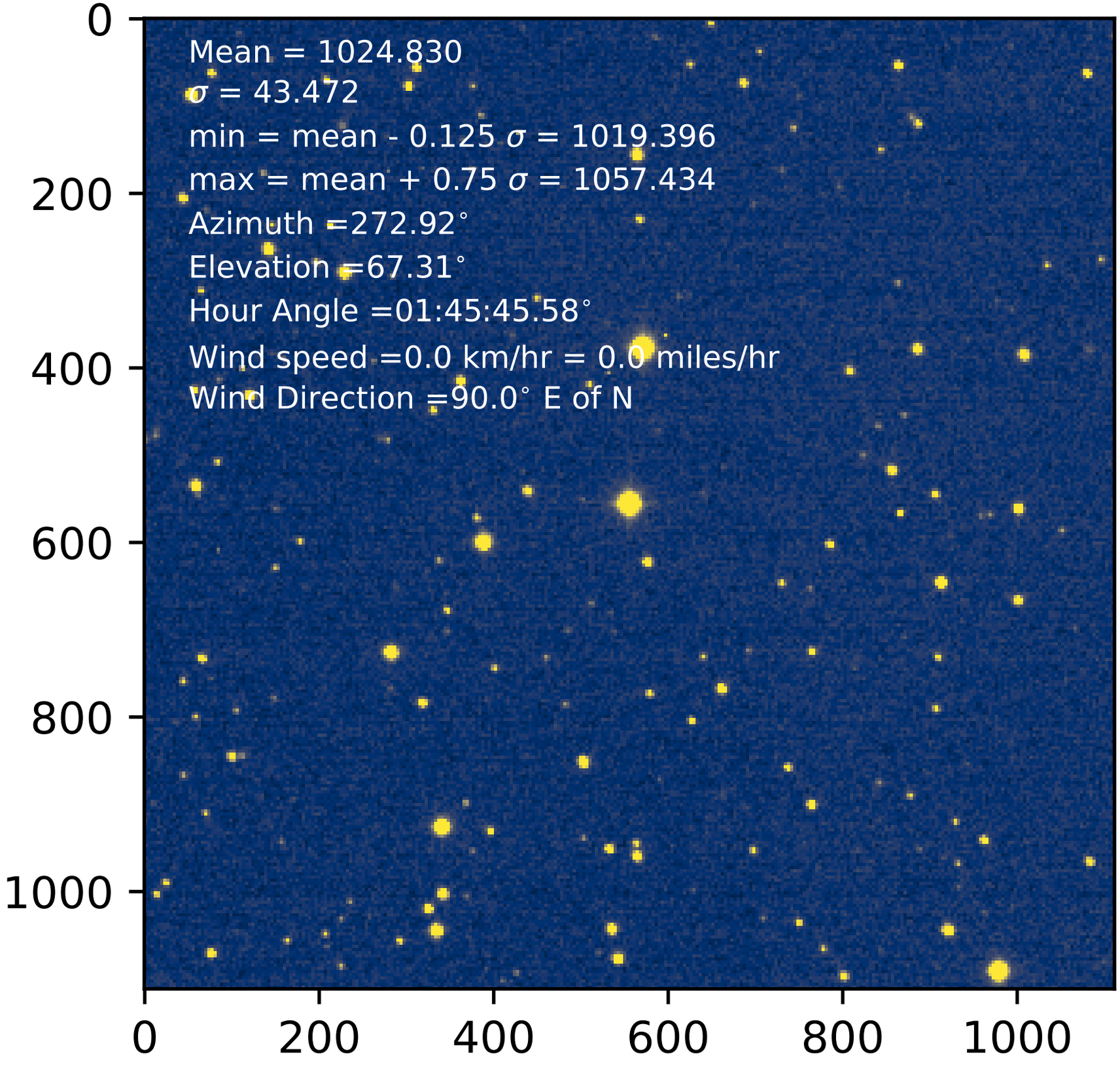

Mean = 1024.761
σ = 43.430
min = mean - 0.125 σ = 1019.332
max = mean + 0.75 σ = 1057.333
Azimuth =272.53°
Elevation =68.08°
Hour Angle =01:42:06.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

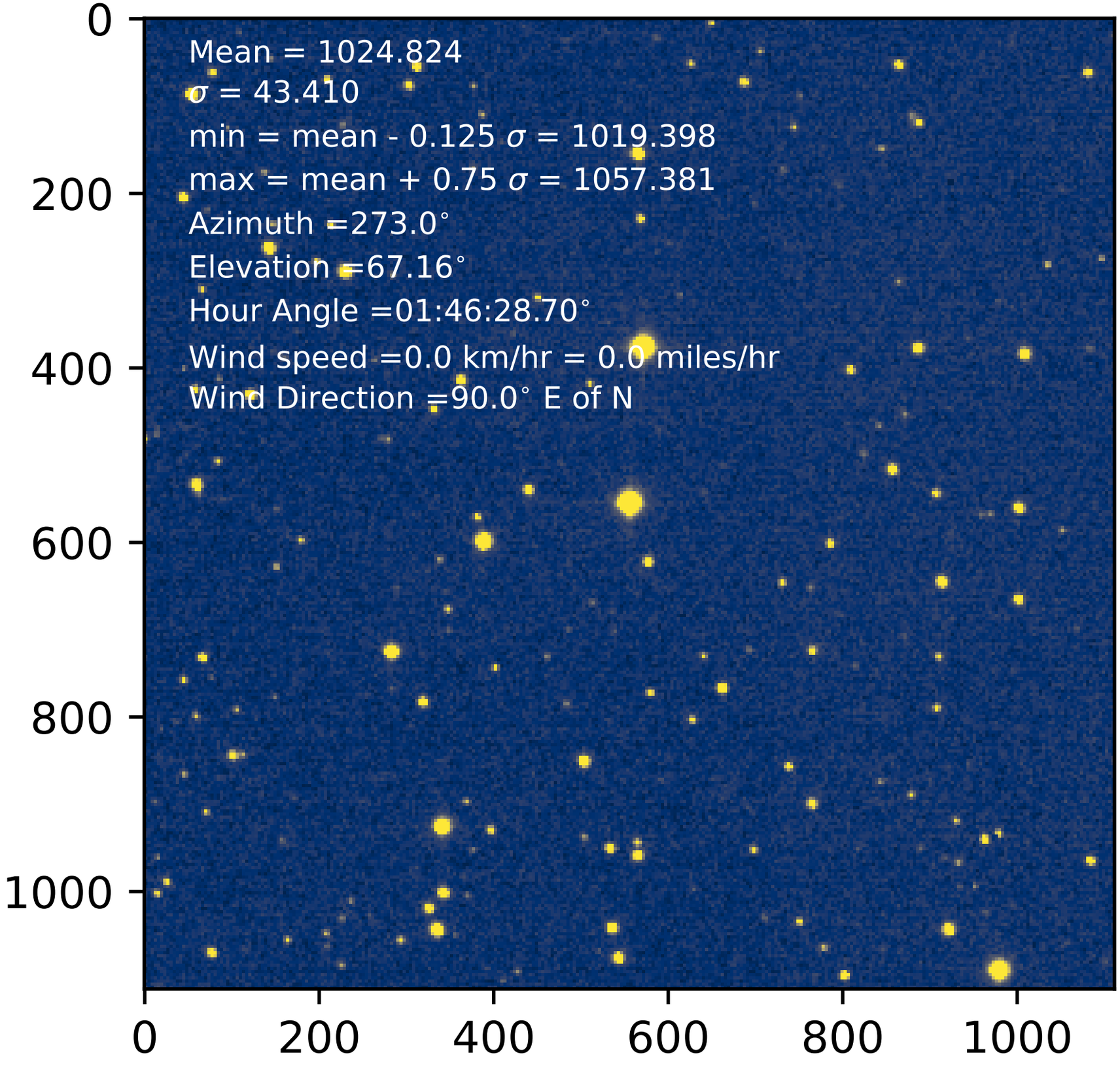

Mean = 1024.734
σ = 43.736
min = mean - 0.125 σ = 1019.267
max = mean + 0.75 σ = 1057.536
Azimuth =272.61°
Elevation =67.93°
Hour Angle =01:42:51.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

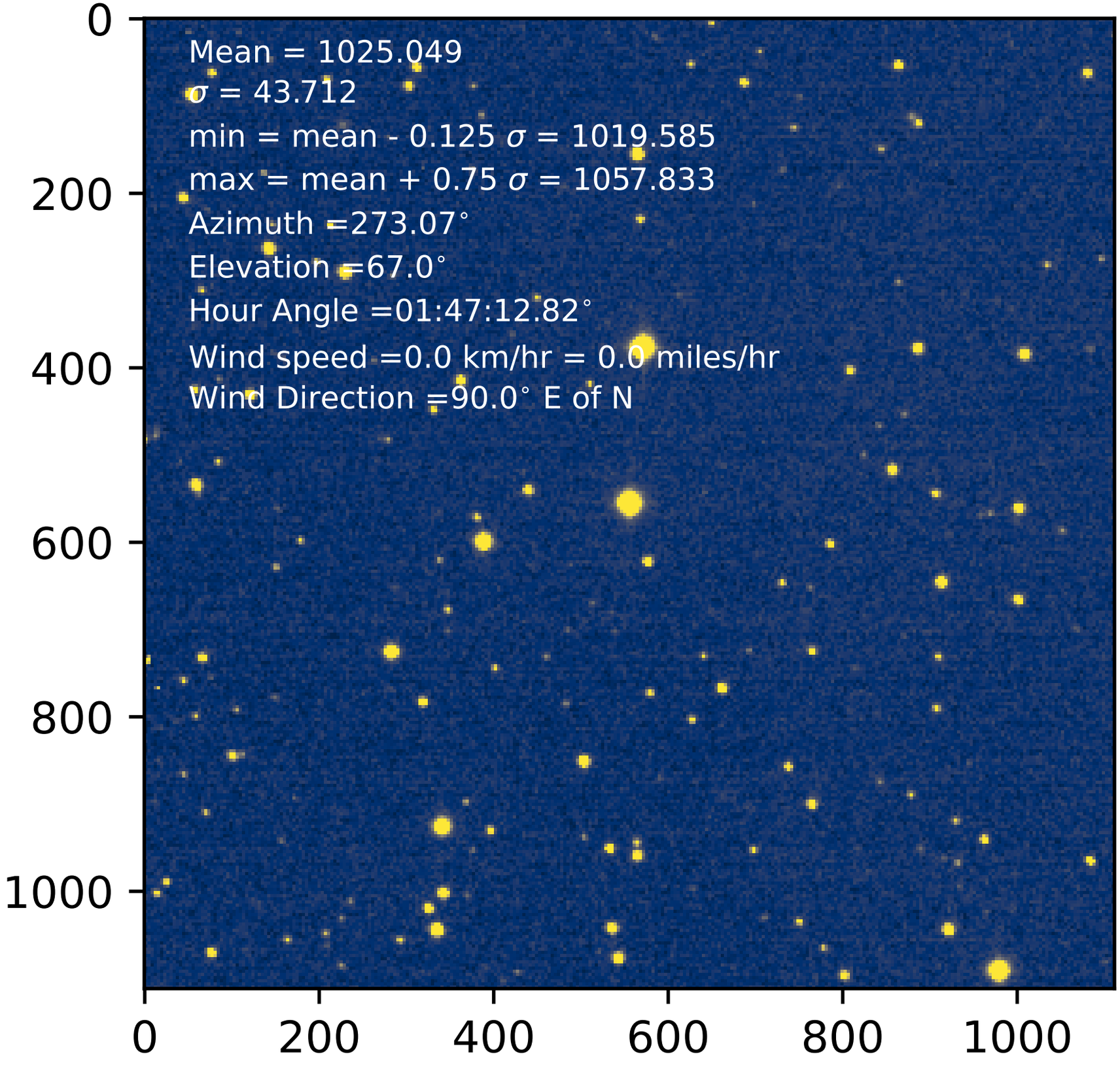

Mean = 1024.760
σ = 43.142
min = mean - 0.125 σ = 1019.367
max = mean + 0.75 σ = 1057.116
Azimuth =272.69°
Elevation =67.78°
Hour Angle =01:43:34.23°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

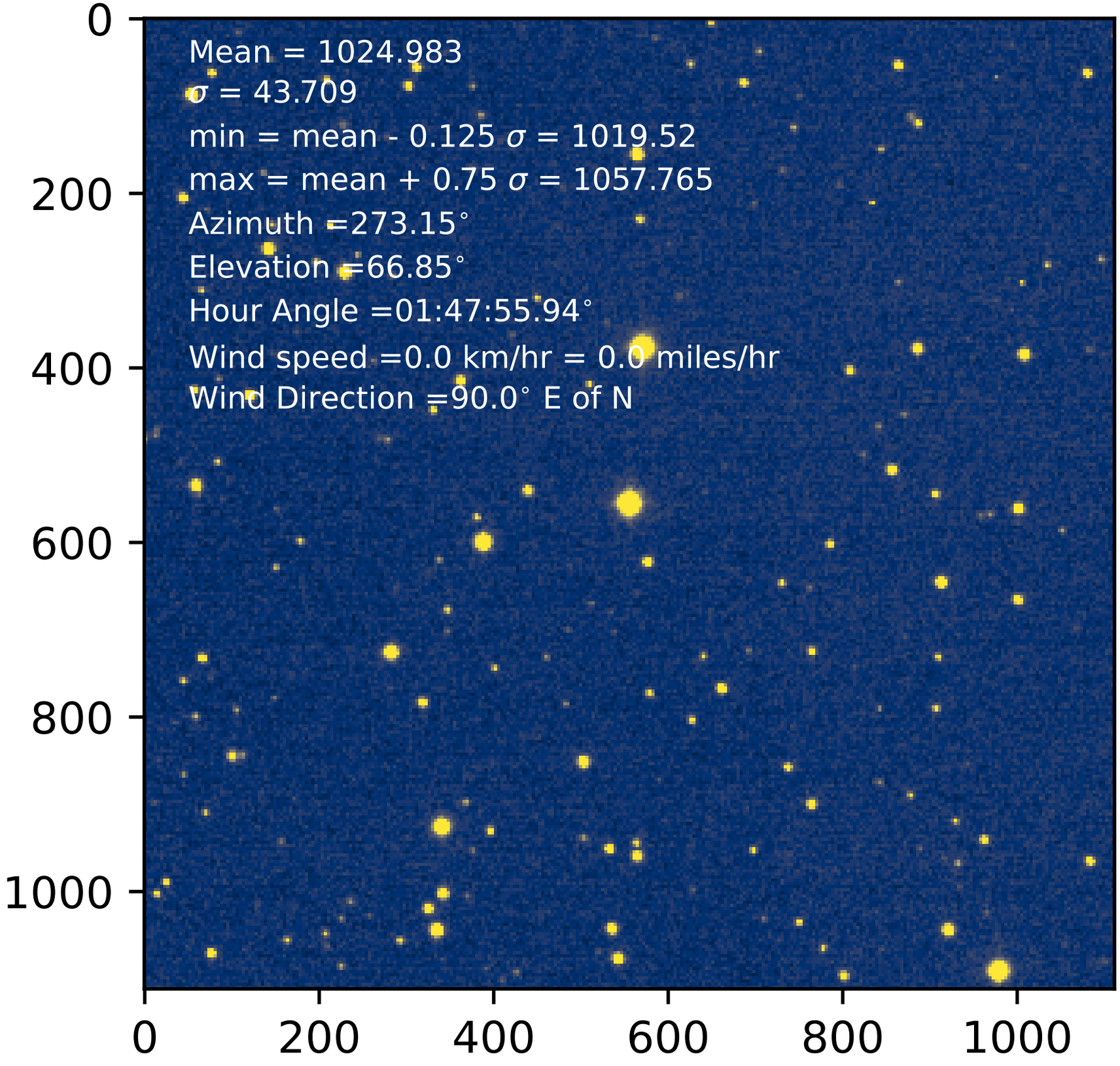

Mean = 1024.773
σ = 43.201
min = mean - 0.125 σ = 1019.373
max = mean + 0.75 σ = 1057.174
Azimuth =272.77°
Elevation =67.62°
Hour Angle =01:44:18.35°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

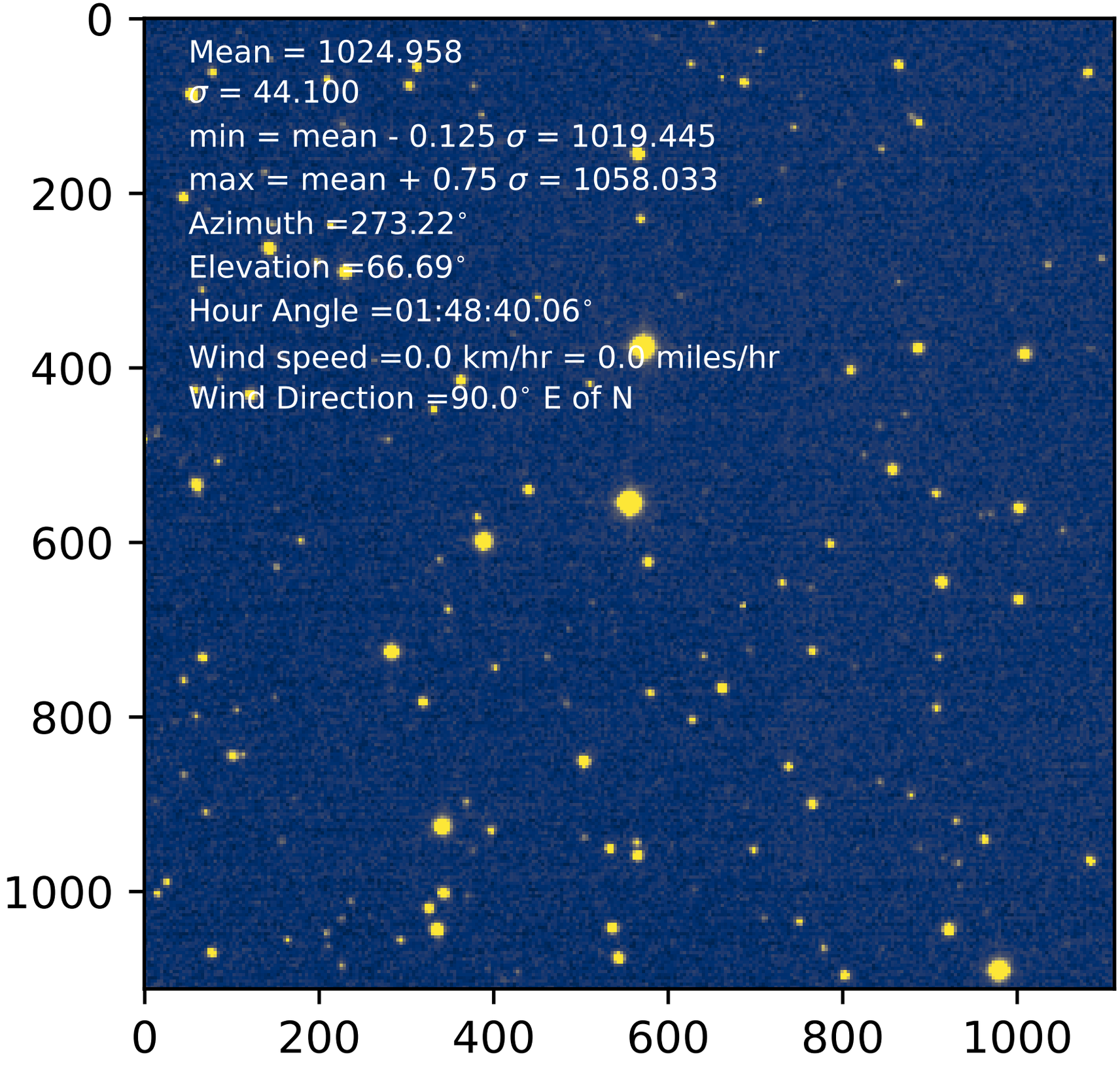

Mean = 1024.788
σ = 43.093
min = mean - 0.125 σ = 1019.401
max = mean + 0.75 σ = 1057.107
Azimuth =272.85°
Elevation =67.46°
Hour Angle =01:45:02.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

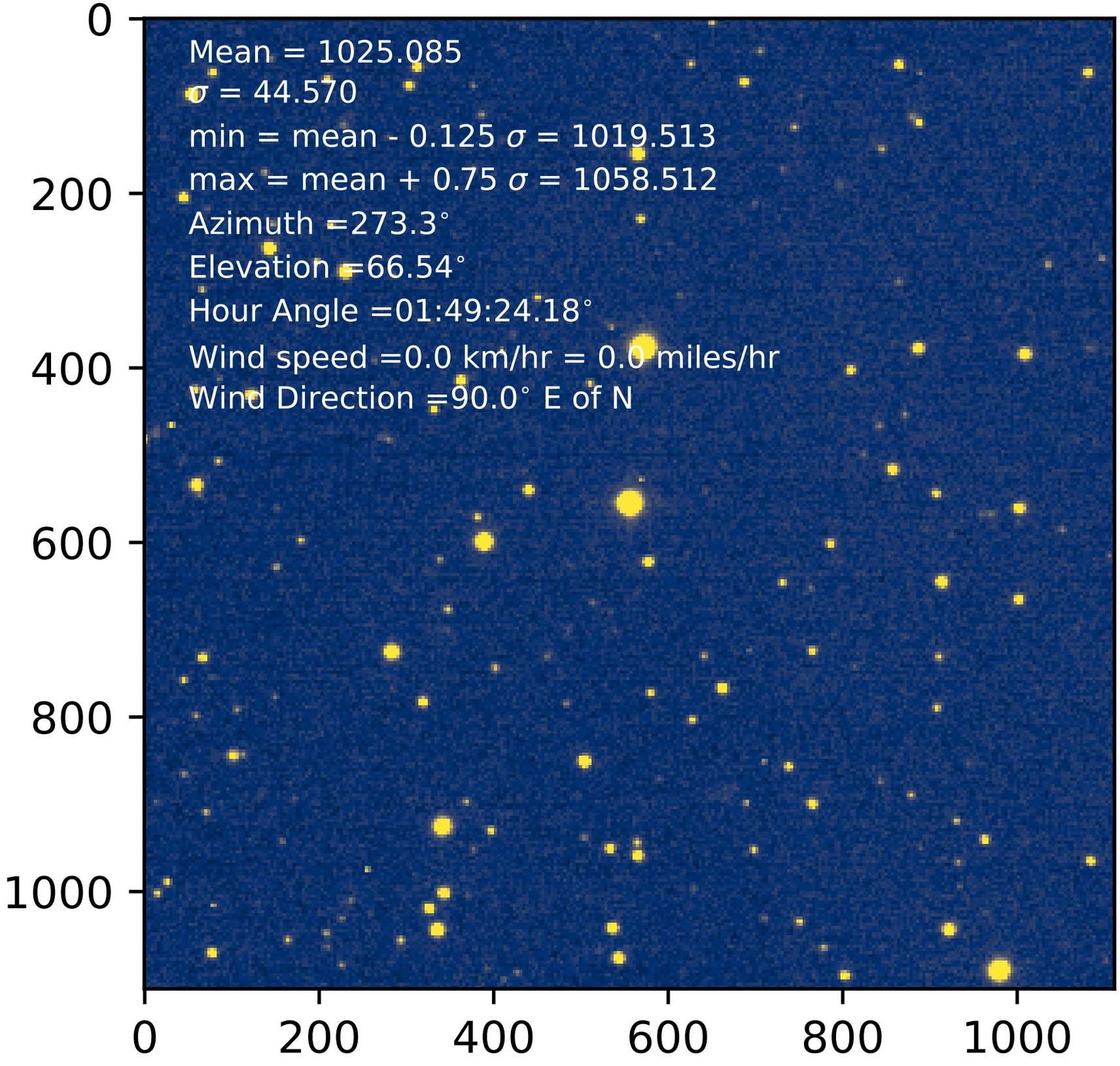

Mean = 1024.830
σ = 43.472
min = mean - 0.125 σ = 1019.396
max = mean + 0.75 σ = 1057.434
Azimuth =272.92°
Elevation =67.31°
Hour Angle =01:45:45.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

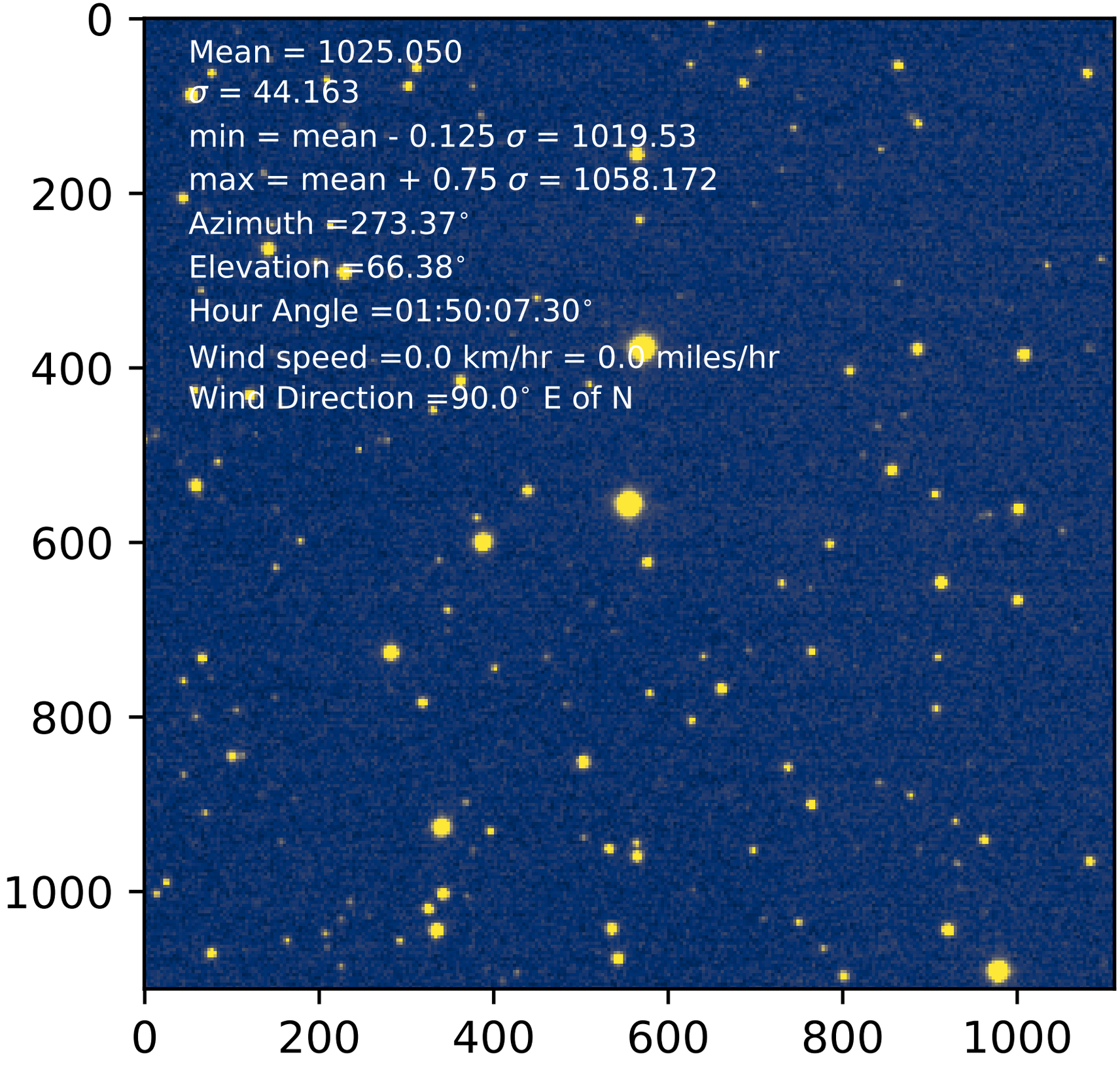

Mean = 1024.824
σ = 43.410
min = mean - 0.125 σ = 1019.398
max = mean + 0.75 σ = 1057.381
Azimuth =273.0°
Elevation =67.16°
Hour Angle =01:46:28.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

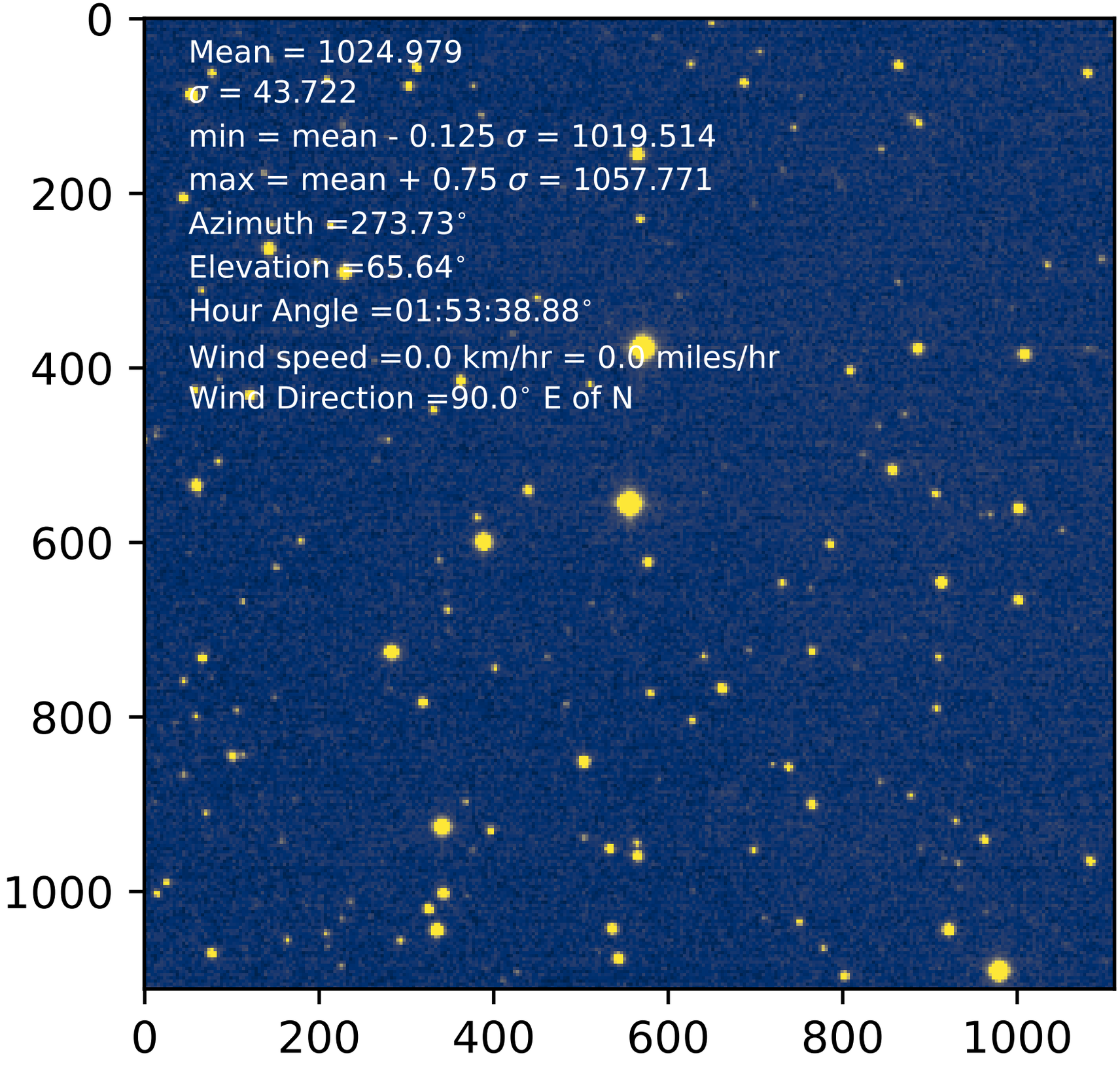

Mean = 1025.049
σ = 43.712
min = mean - 0.125 σ = 1019.585
max = mean + 0.75 σ = 1057.833
Azimuth =273.07°
Elevation =67.0°
Hour Angle =01:47:12.82°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

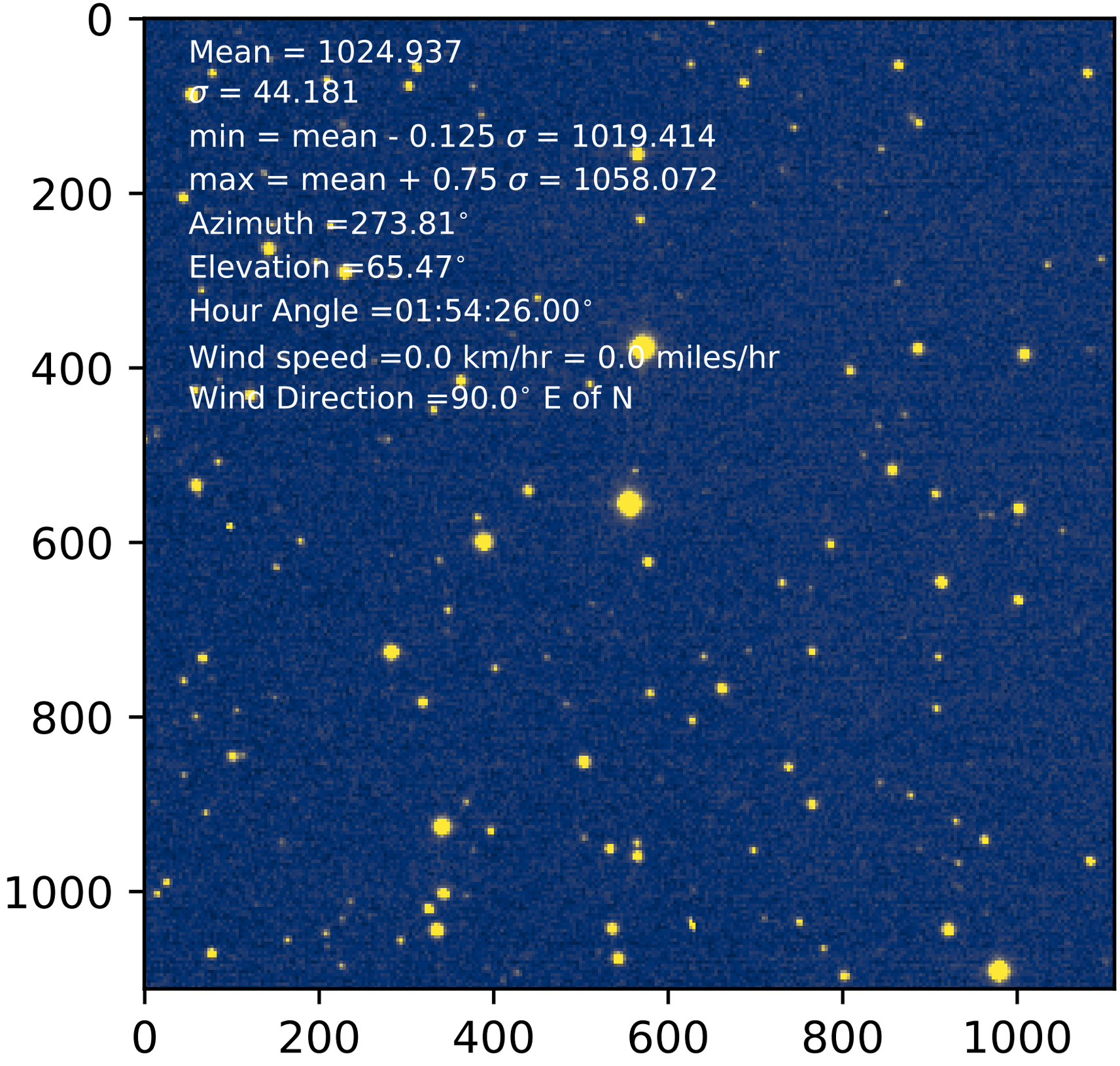

Mean = 1024.983
σ = 43.709
min = mean - 0.125 σ = 1019.52
max = mean + 0.75 σ = 1057.765
Azimuth =273.15°
Elevation =66.85°
Hour Angle =01:47:55.94°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

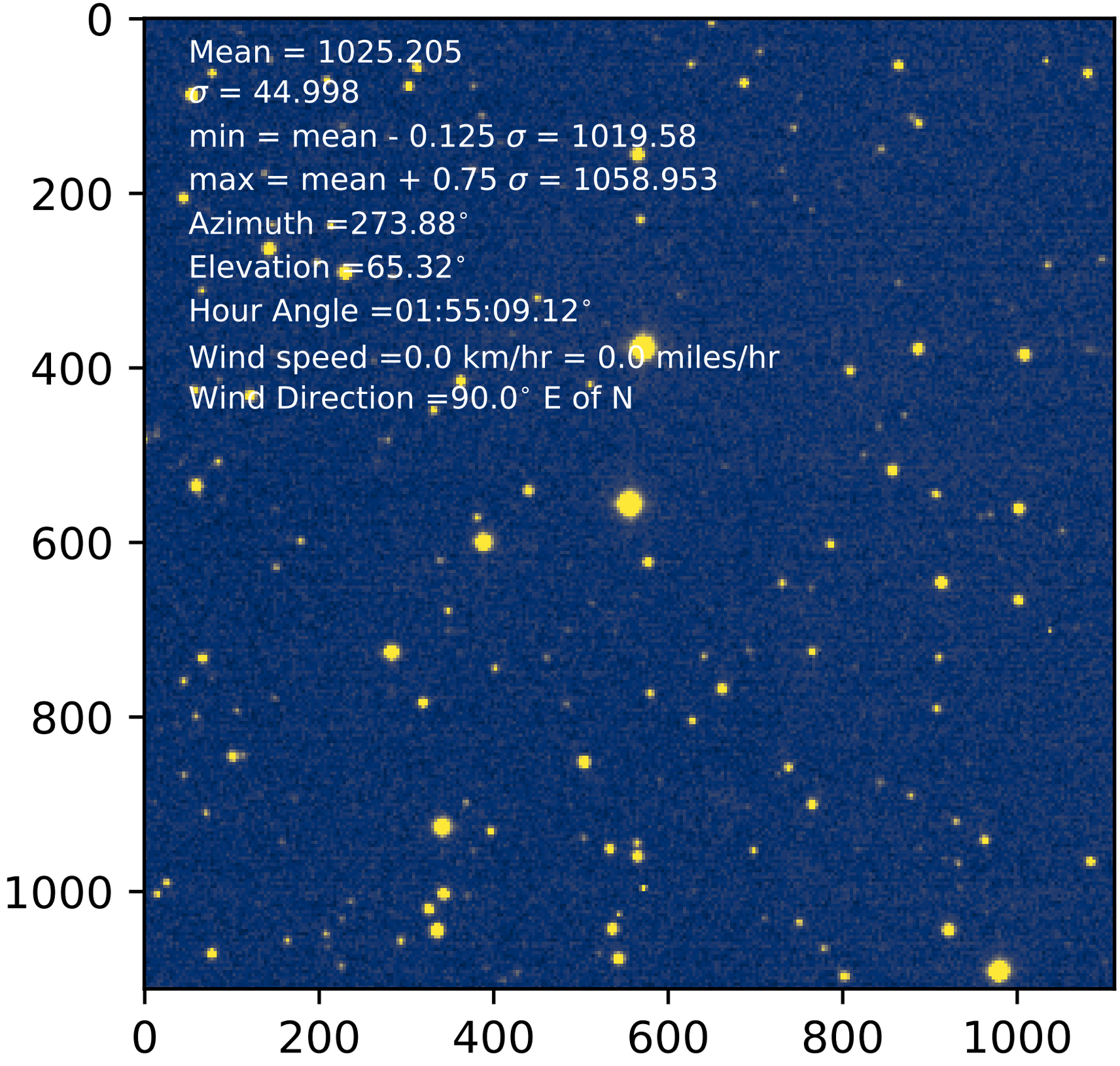

Mean = 1024.958
σ = 44.100
min = mean - 0.125 σ = 1019.445
max = mean + 0.75 σ = 1058.033
Azimuth =273.22°
Elevation =66.69°
Hour Angle =01:48:40.06°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

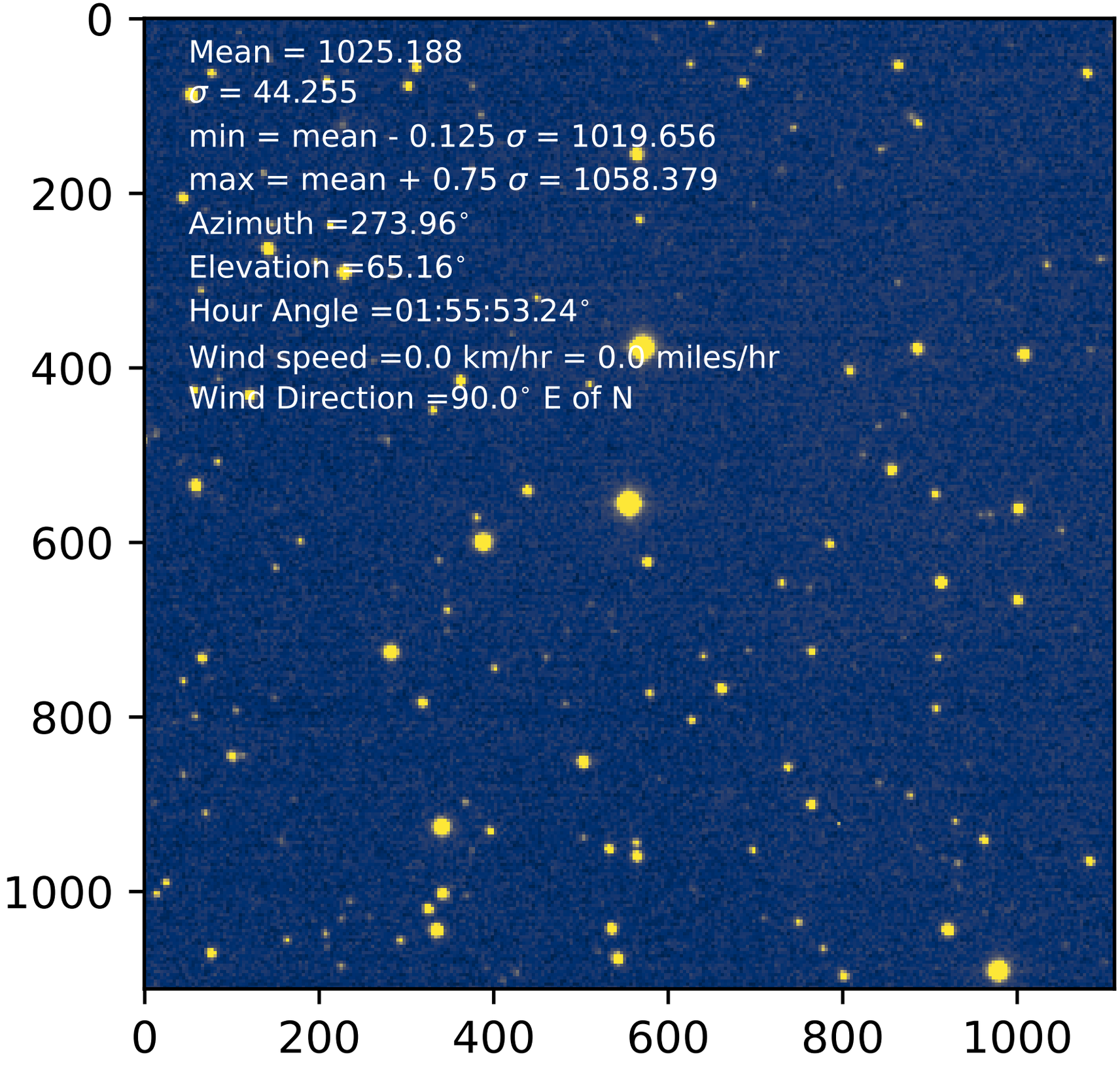

Mean = 1025.085
σ = 44.570
min = mean - 0.125 σ = 1019.513
max = mean + 0.75 σ = 1058.512
Azimuth =273.3°
Elevation =66.54°
Hour Angle =01:49:24.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

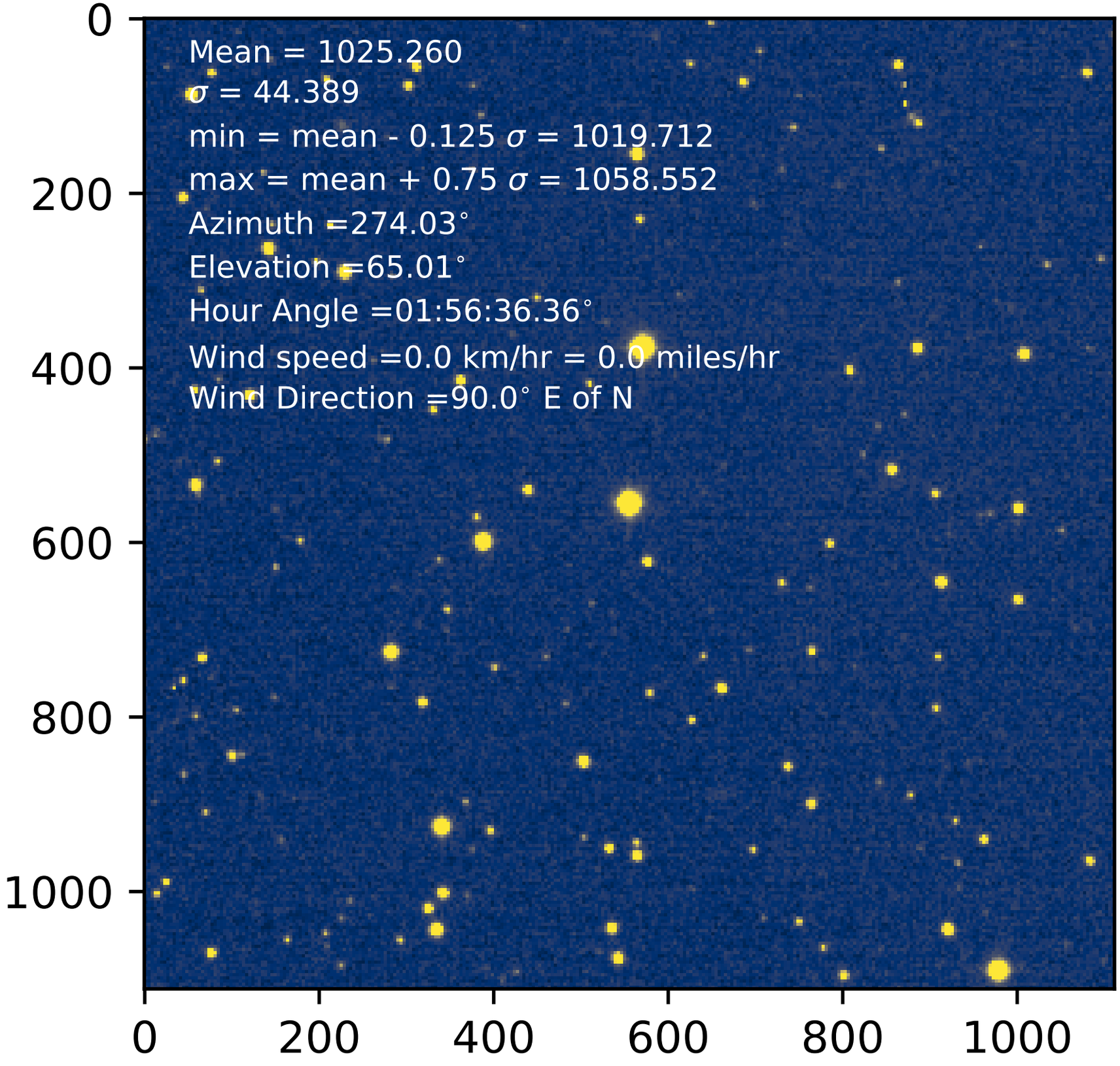

Mean = 1025.050
σ = 44.163
min = mean - 0.125 σ = 1019.53
max = mean + 0.75 σ = 1058.172
Azimuth =273.37°
Elevation =66.38°
Hour Angle =01:50:07.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

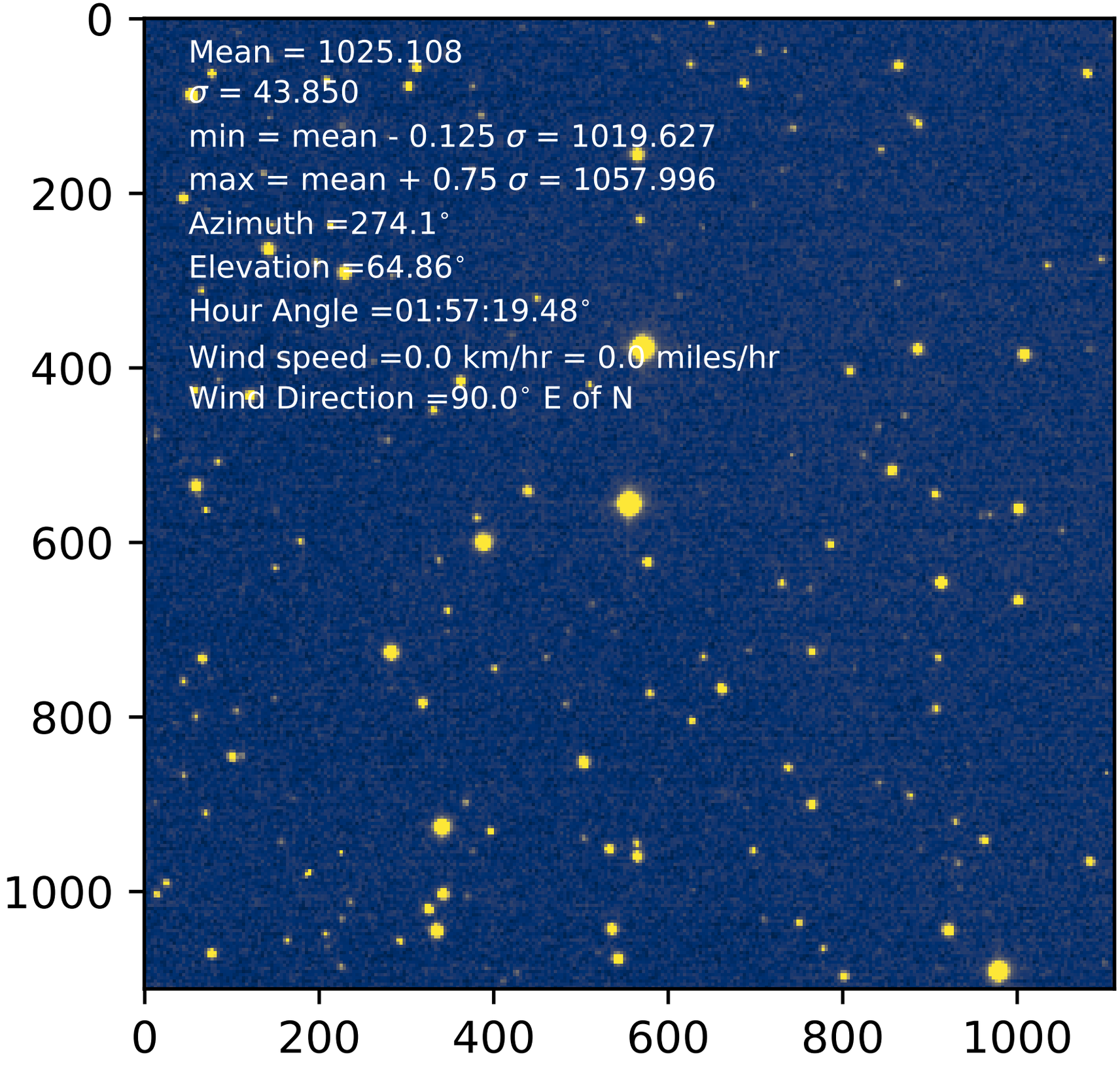

Mean = 1024.979
σ = 43.722
min = mean - 0.125 σ = 1019.514
max = mean + 0.75 σ = 1057.771
Azimuth =273.73°
Elevation =65.64°
Hour Angle =01:53:38.88°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

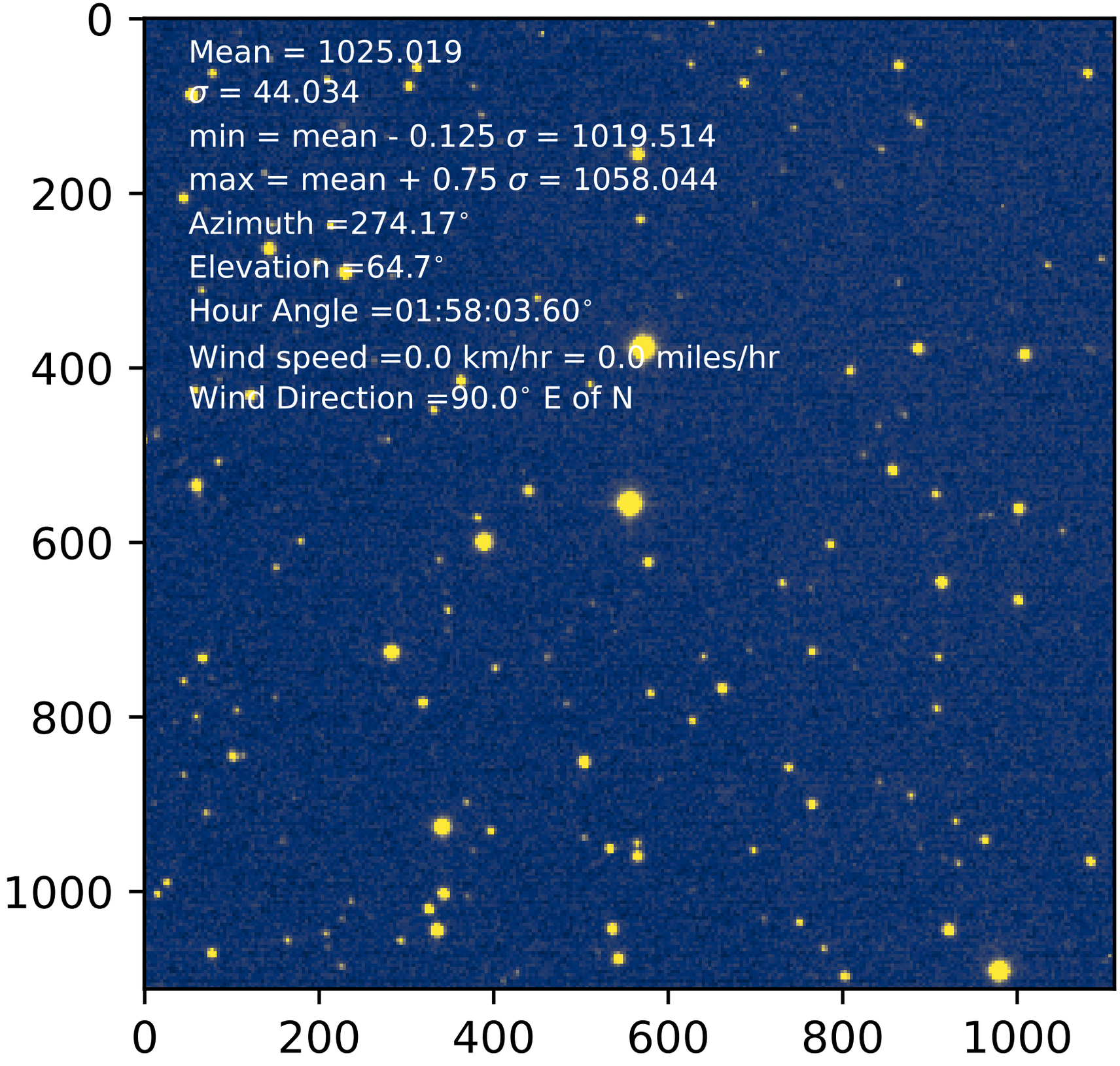

Mean = 1024.937
σ = 44.181
min = mean - 0.125 σ = 1019.414
max = mean + 0.75 σ = 1058.072
Azimuth =273.81°
Elevation =65.47°
Hour Angle =01:54:26.00°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

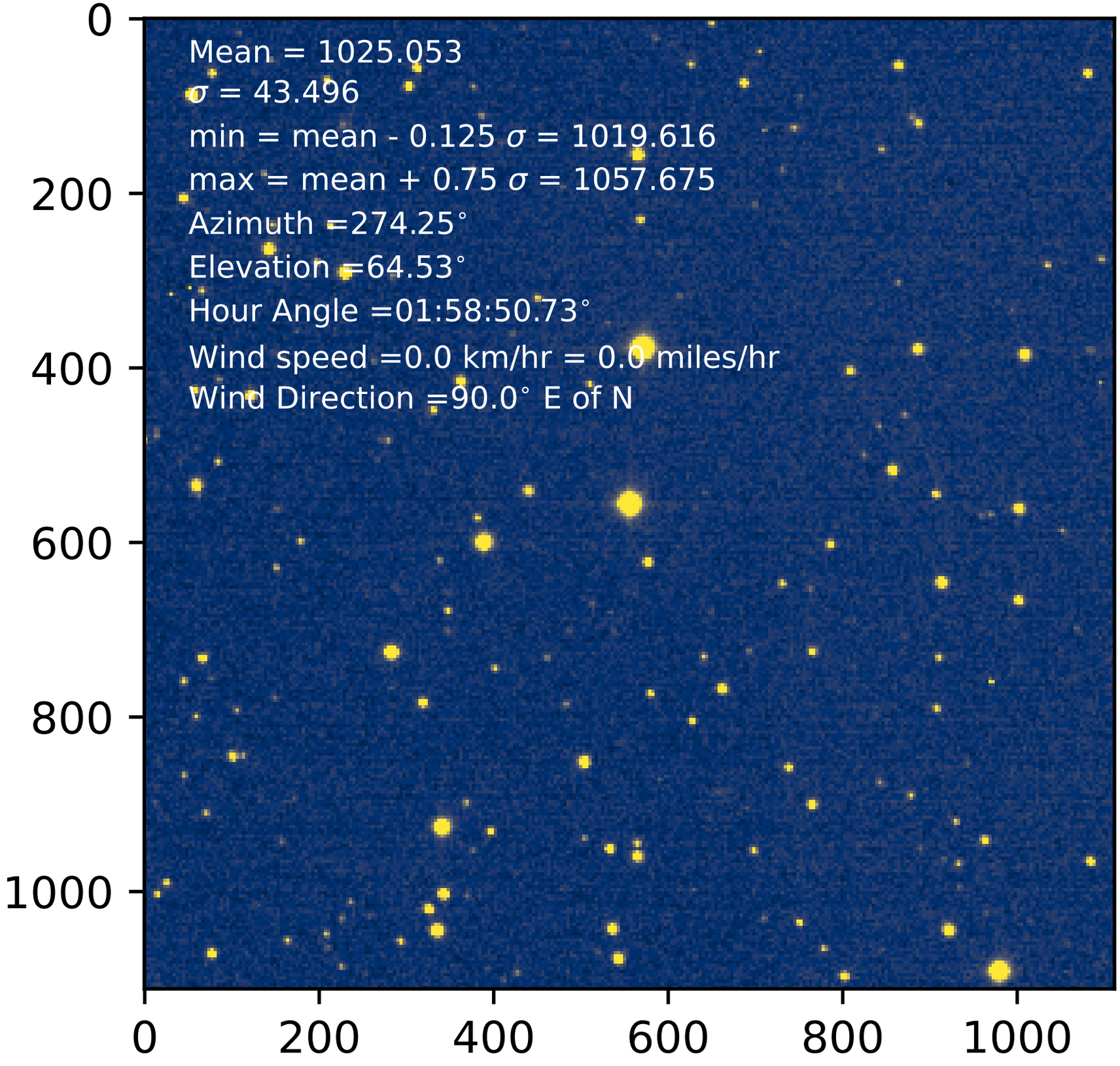

Mean = 1025.205
σ = 44.998
min = mean - 0.125 σ = 1019.58
max = mean + 0.75 σ = 1058.953
Azimuth =273.88°
Elevation =65.32°
Hour Angle =01:55:09.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

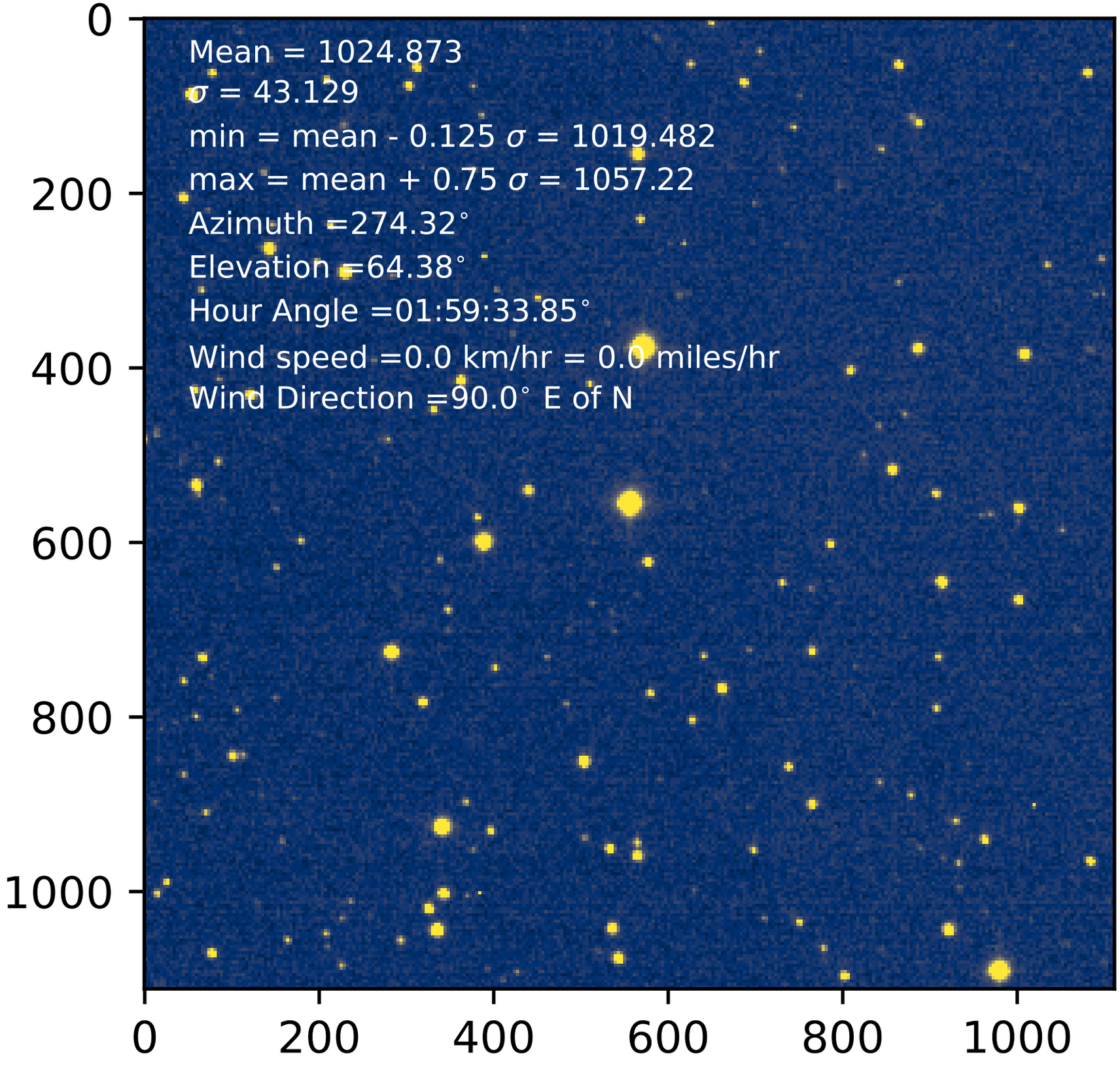

Mean = 1025.188
σ = 44.255
min = mean - 0.125 σ = 1019.656
max = mean + 0.75 σ = 1058.379
Azimuth =273.96°
Elevation =65.16°
Hour Angle =01:55:53.24°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

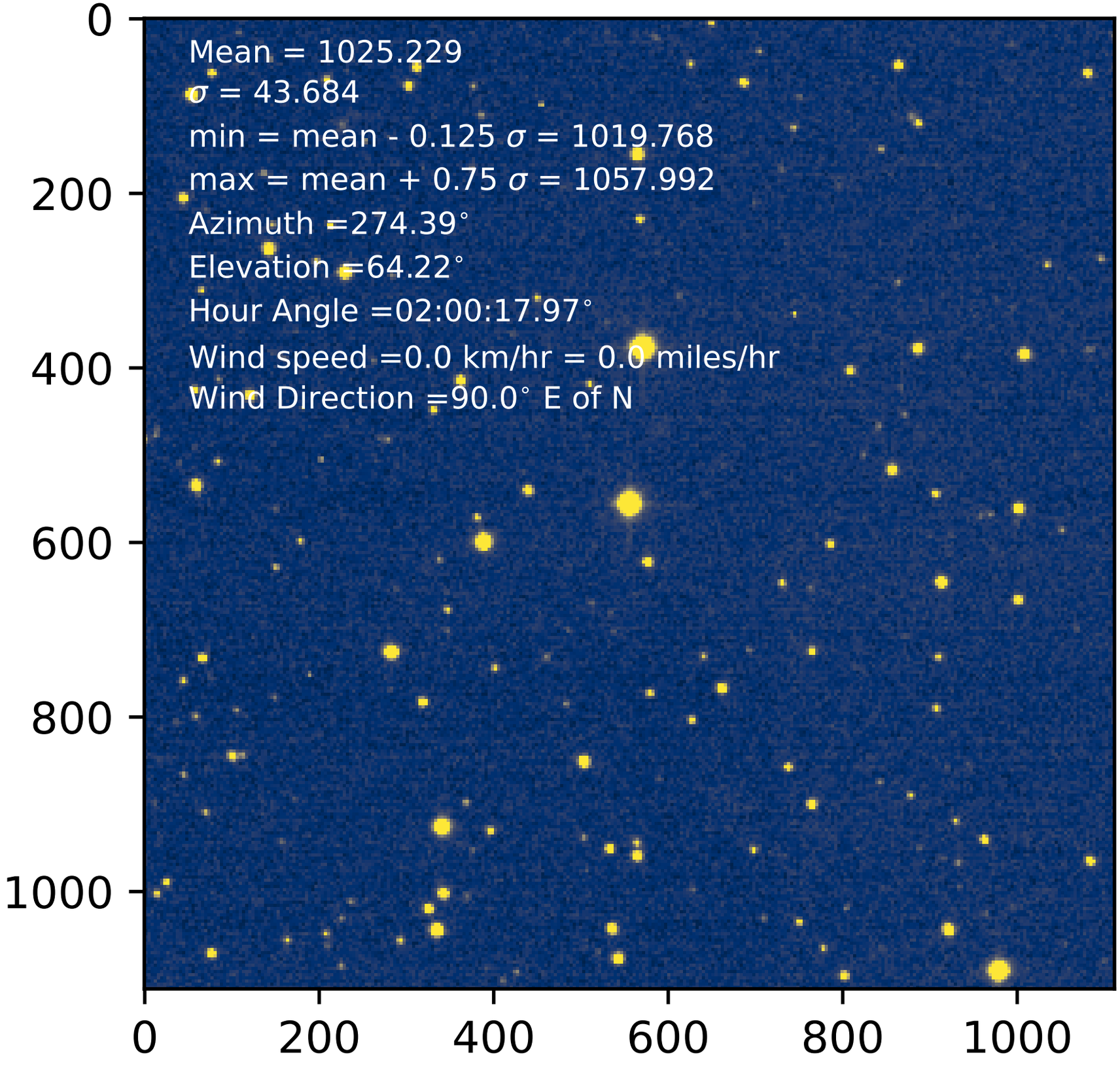

Mean = 1025.260
σ = 44.389
min = mean - 0.125 σ = 1019.712
max = mean + 0.75 σ = 1058.552
Azimuth =274.03°
Elevation =65.01°
Hour Angle =01:56:36.36°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

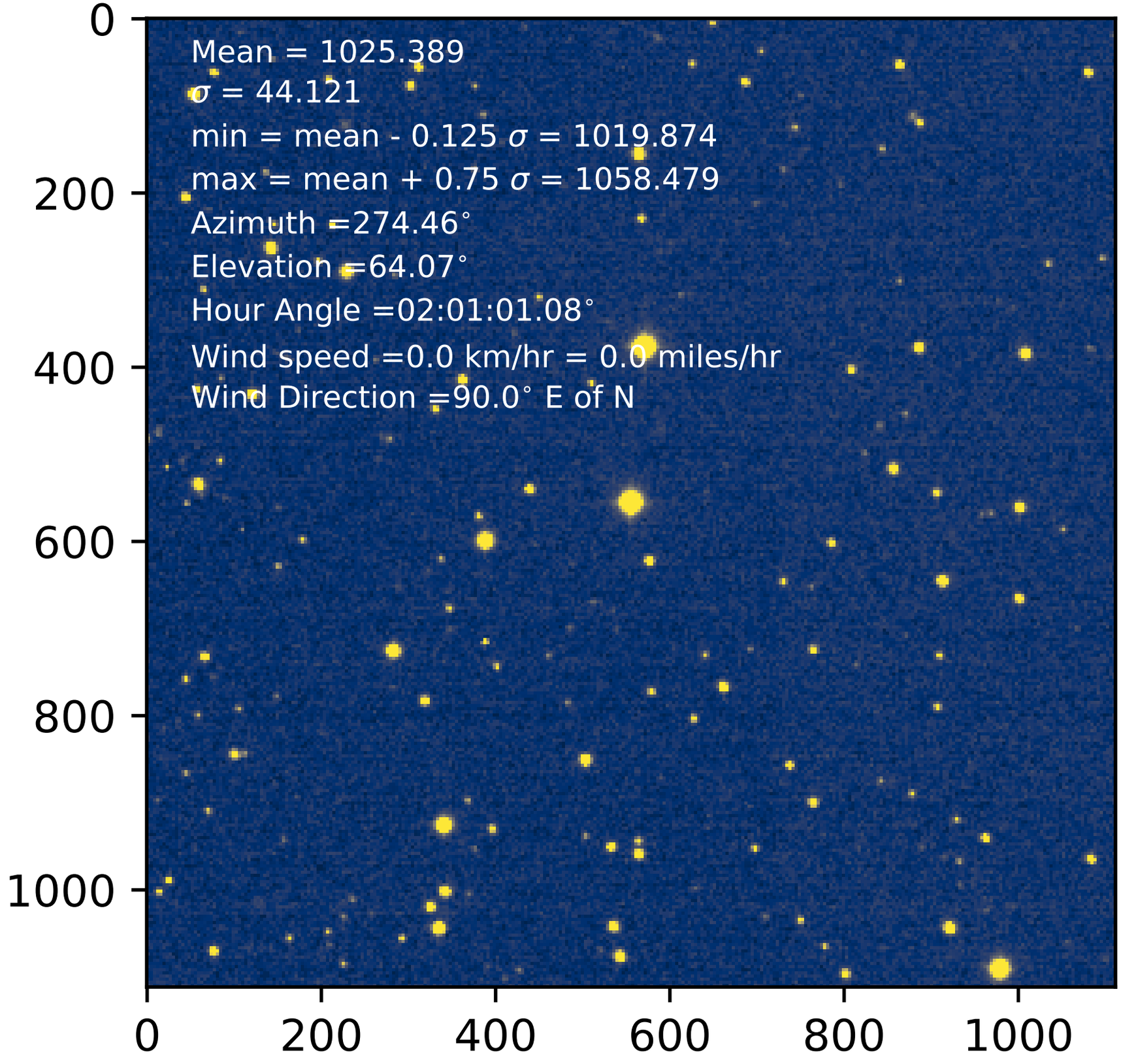

Mean = 1025.108
σ = 43.850
min = mean - 0.125 σ = 1019.627
max = mean + 0.75 σ = 1057.996
Azimuth =274.1°
Elevation =64.86°
Hour Angle =01:57:19.48°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

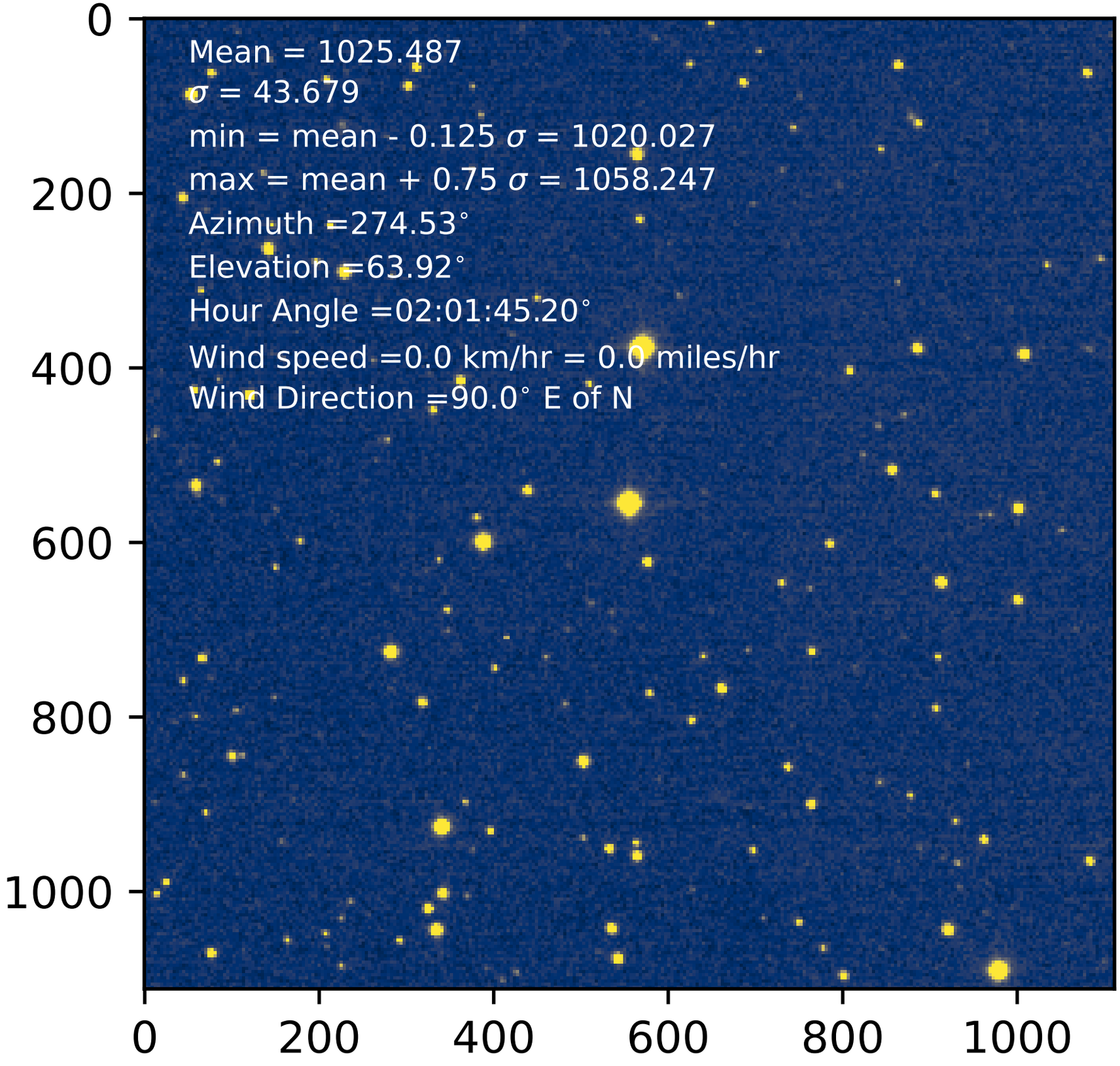

Mean = 1025.019
σ = 44.034
min = mean - 0.125 σ = 1019.514
max = mean + 0.75 σ = 1058.044
Azimuth =274.17°
Elevation =64.7°
Hour Angle =01:58:03.60°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

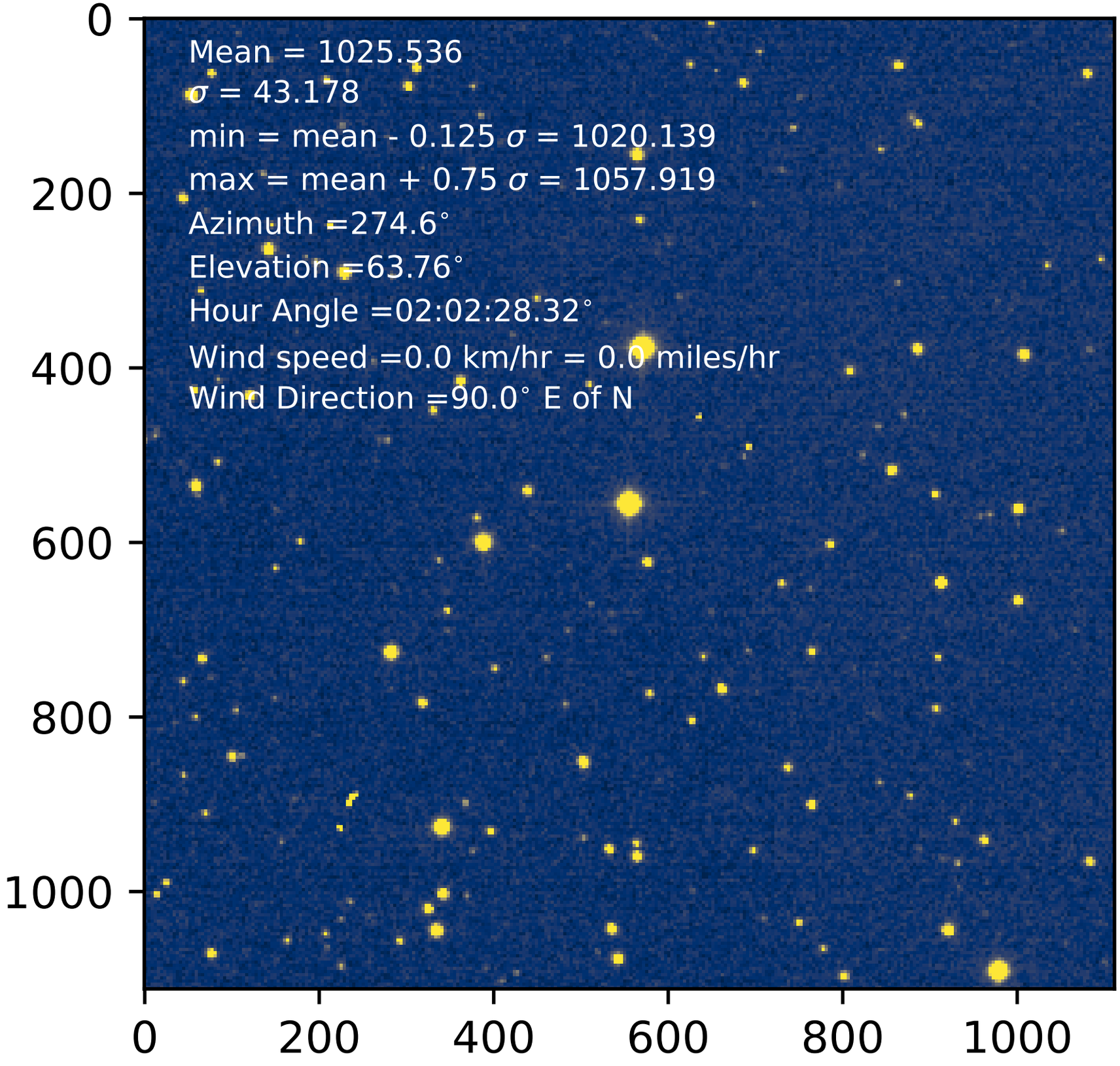

Mean = 1025.053
σ = 43.496
min = mean - 0.125 σ = 1019.616
max = mean + 0.75 σ = 1057.675
Azimuth =274.25°
Elevation =64.53°
Hour Angle =01:58:50.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

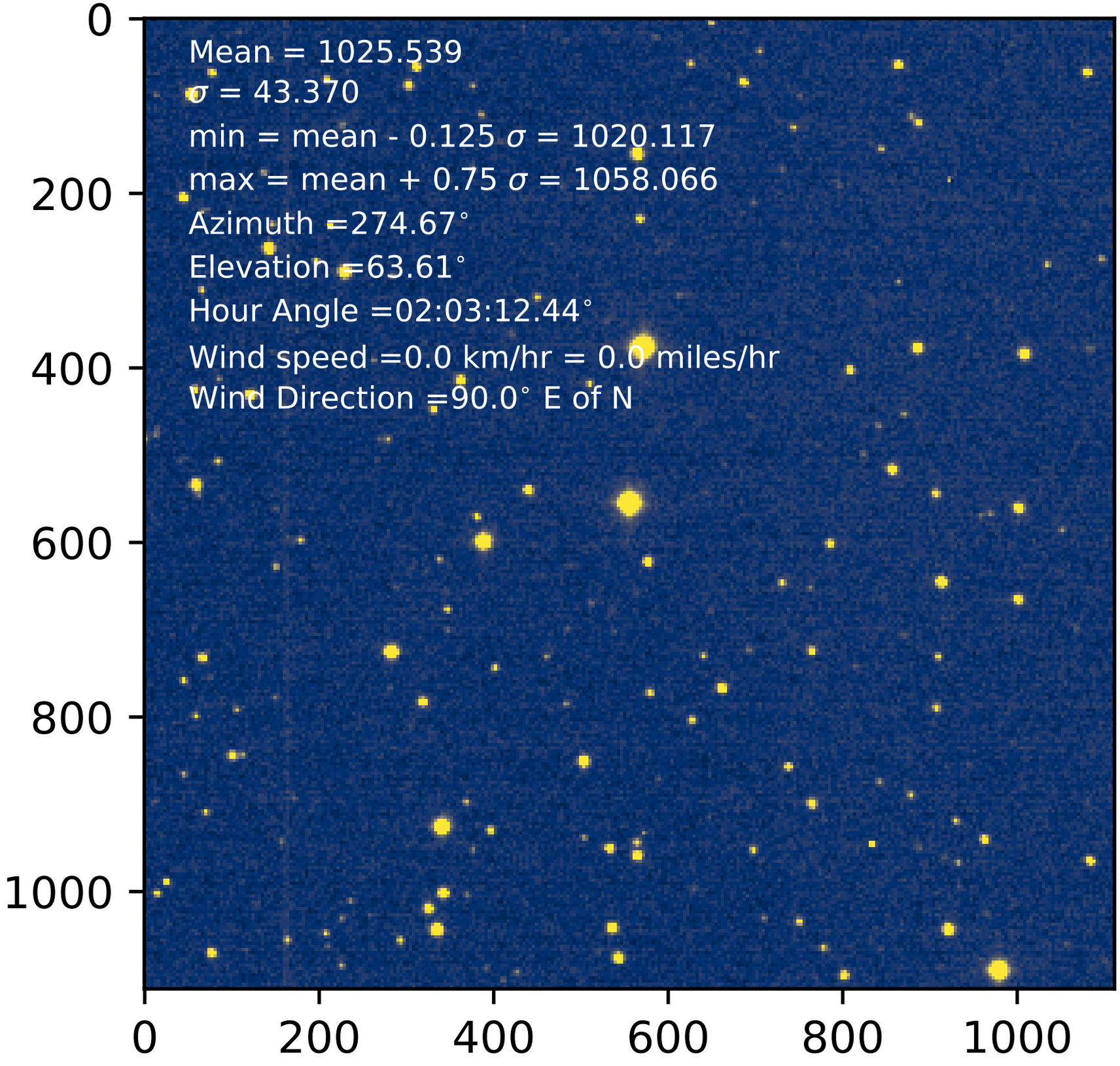

Mean = 1024.873
σ = 43.129
min = mean - 0.125 σ = 1019.482
max = mean + 0.75 σ = 1057.22
Azimuth =274.32°
Elevation =64.38°
Hour Angle =01:59:33.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1025.229
σ = 43.684
min = mean - 0.125 σ = 1019.768
max = mean + 0.75 σ = 1057.992
Azimuth =274.39°
Elevation =64.22°
Hour Angle =02:00:17.97°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1025.389
σ = 44.121
min = mean - 0.125 σ = 1019.874
max = mean + 0.75 σ = 1058.479
Azimuth =274.46°
Elevation =64.07°
Hour Angle =02:01:01.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1025.487
σ = 43.679
min = mean - 0.125 σ = 1020.027
max = mean + 0.75 σ = 1058.247
Azimuth =274.53°
Elevation =63.92°
Hour Angle =02:01:45.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1025.536
σ = 43.178
min = mean - 0.125 σ = 1020.139
max = mean + 0.75 σ = 1057.919
Azimuth =274.6°
Elevation =63.76°
Hour Angle =02:02:28.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1025.539
σ = 43.370
min = mean - 0.125 σ = 1020.117
max = mean + 0.75 σ = 1058.066
Azimuth =274.67°
Elevation =63.61°
Hour Angle =02:03:12.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
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400
600
800
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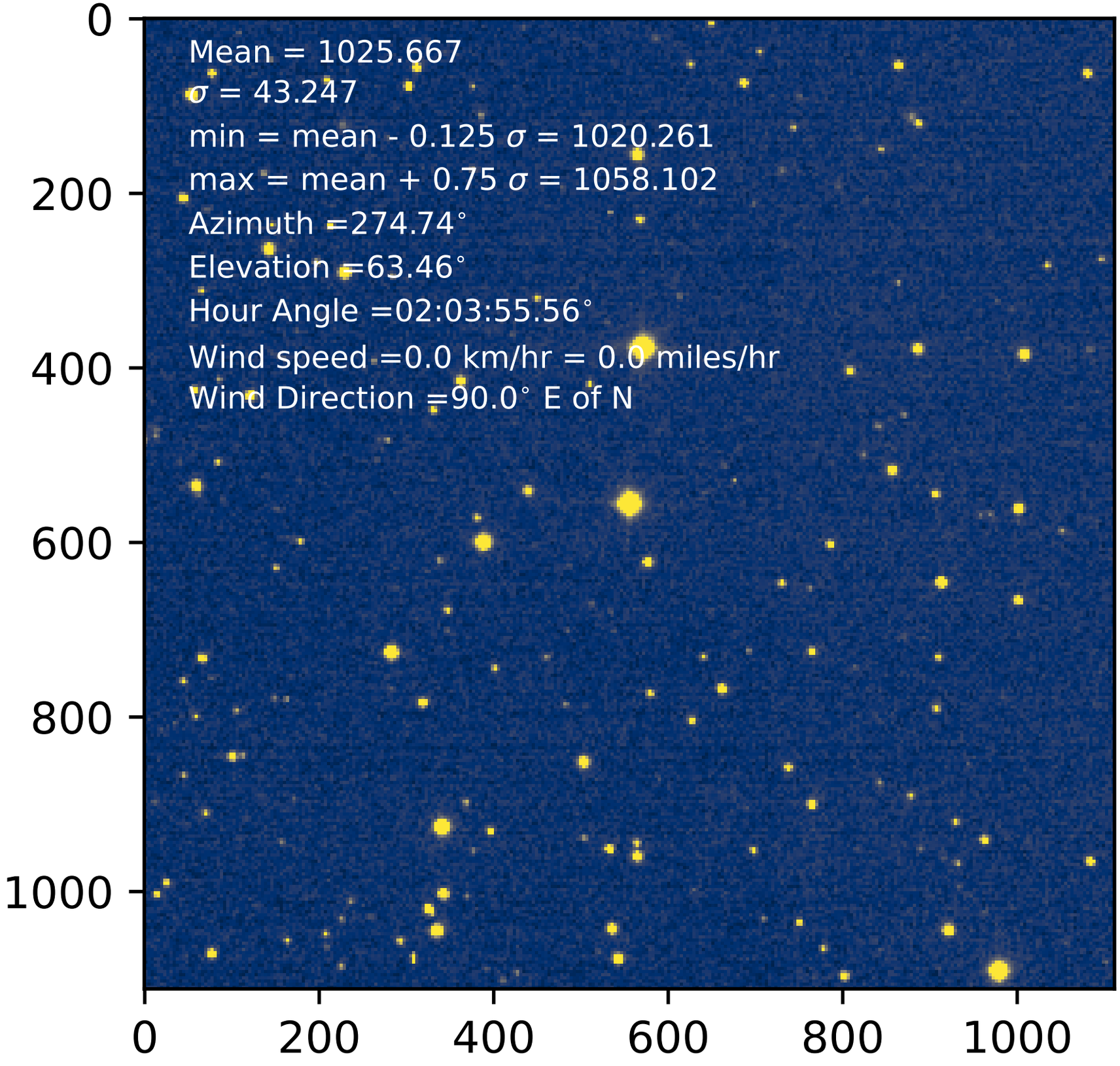
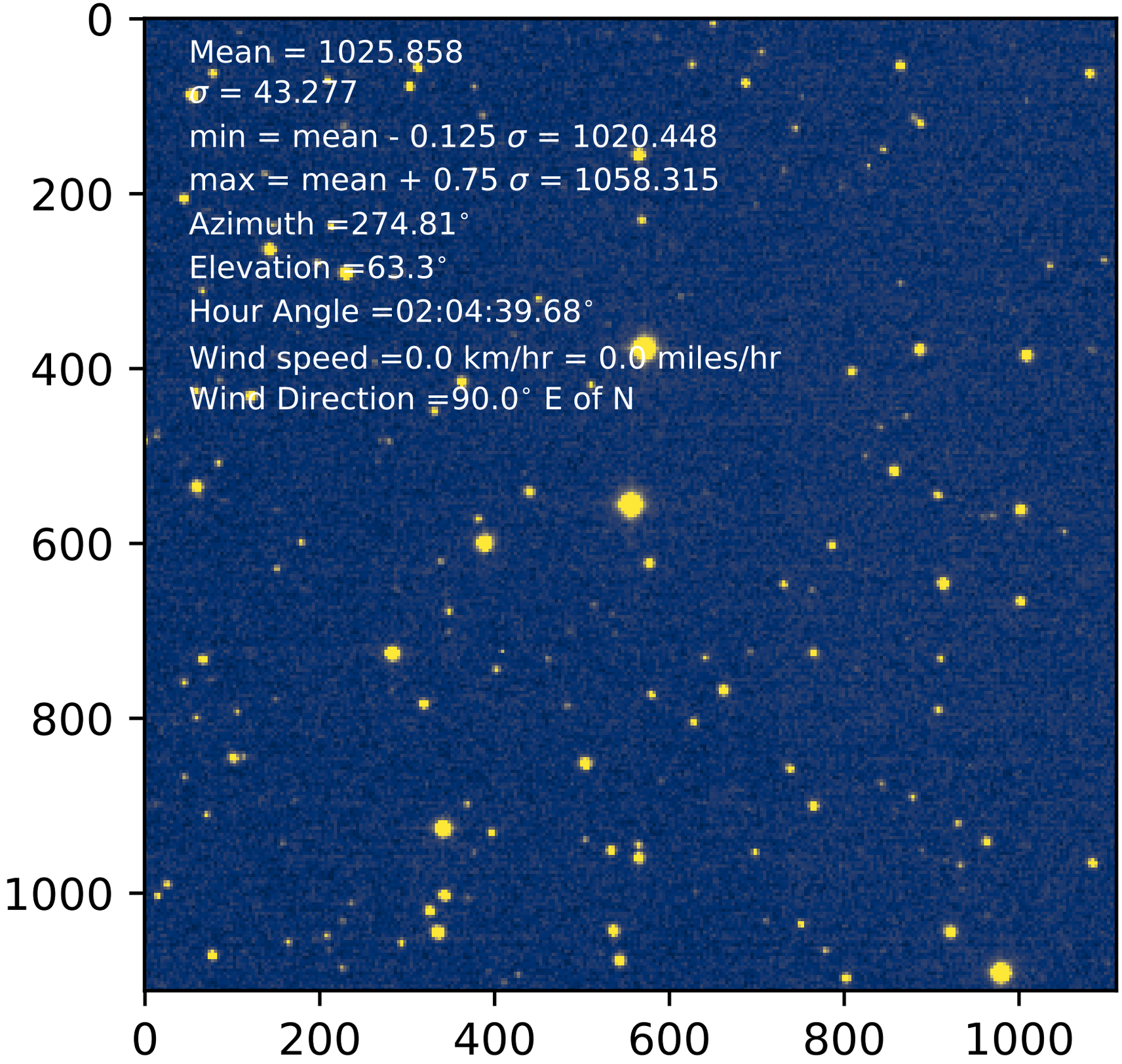
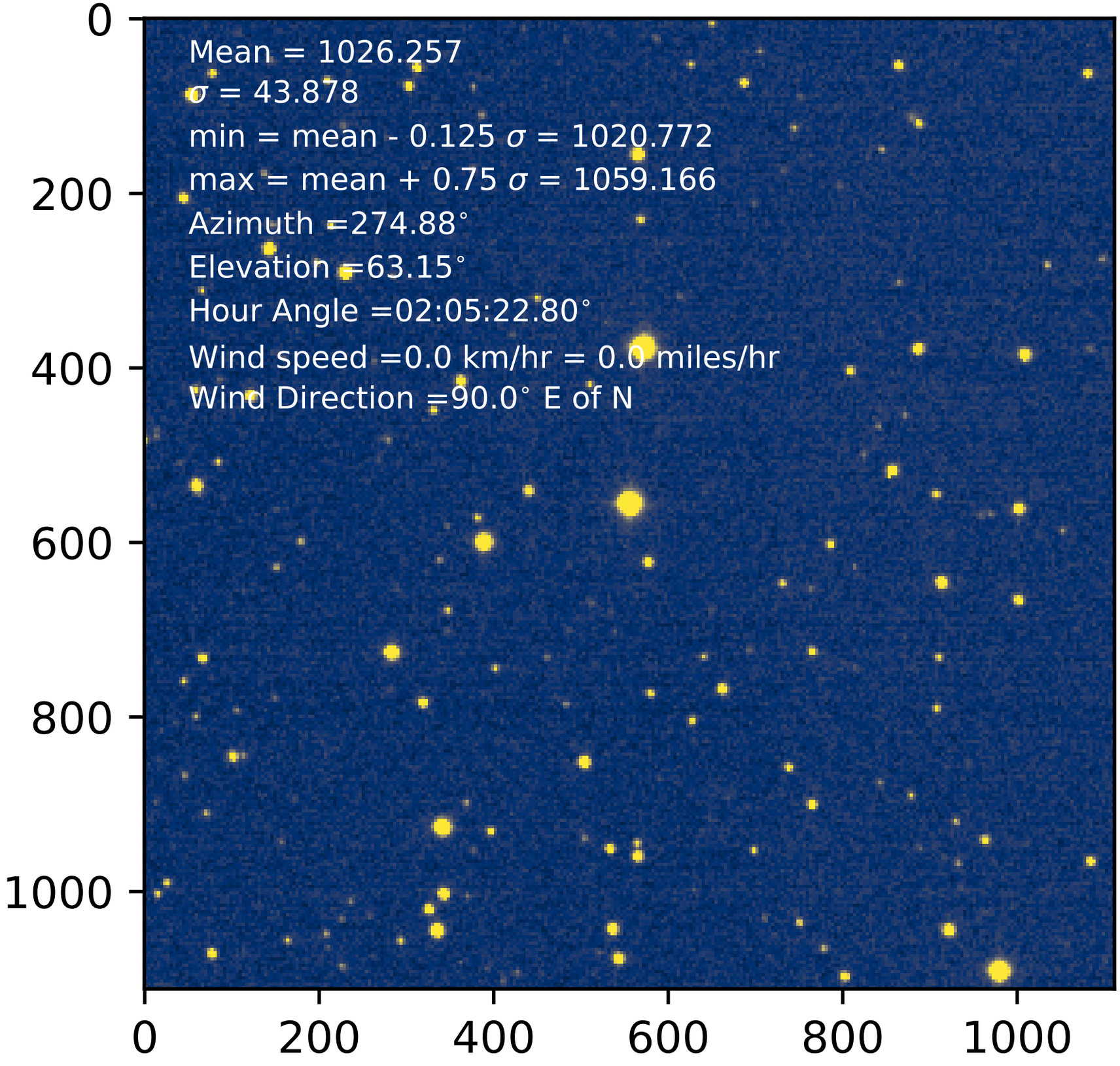
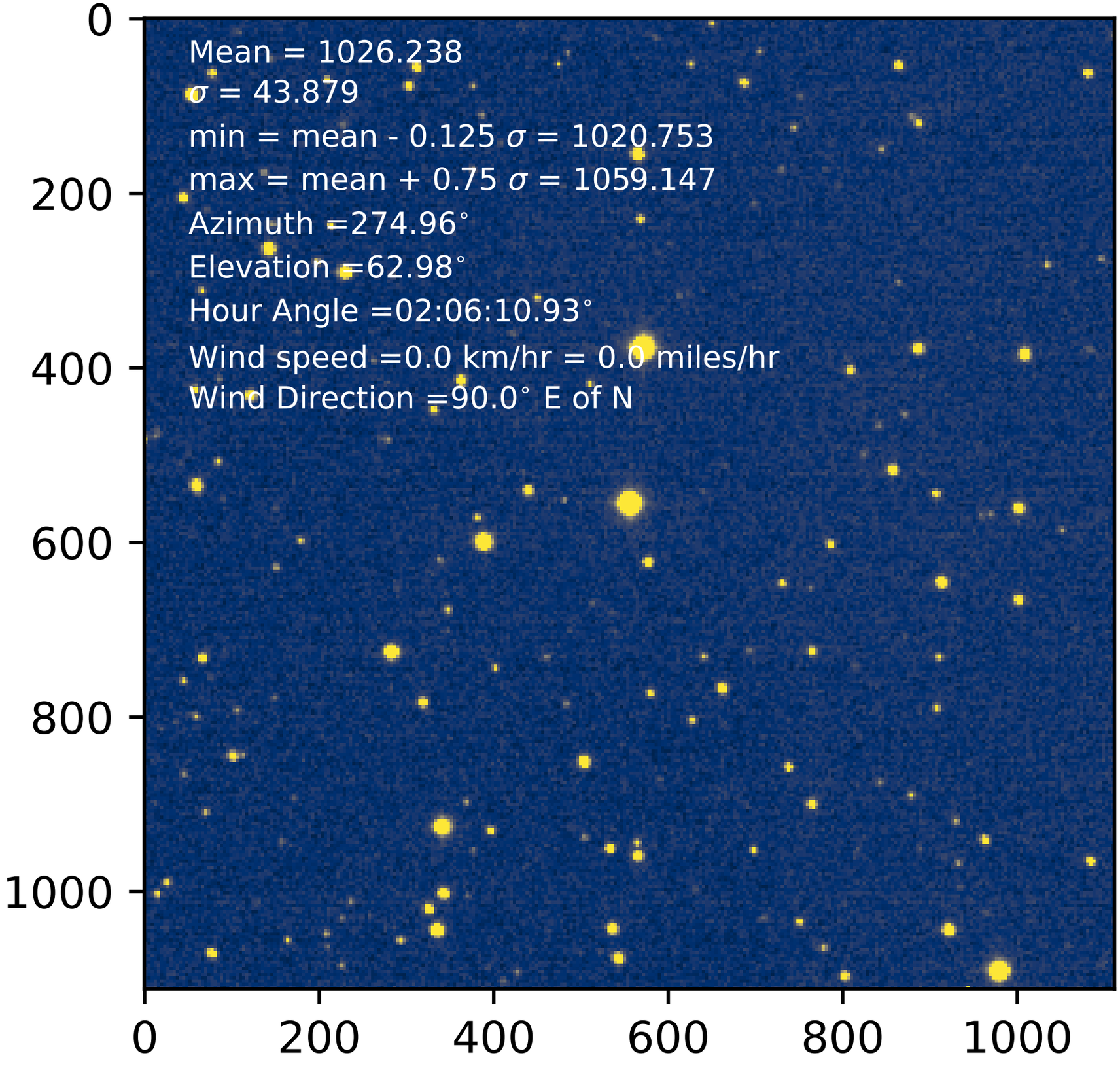
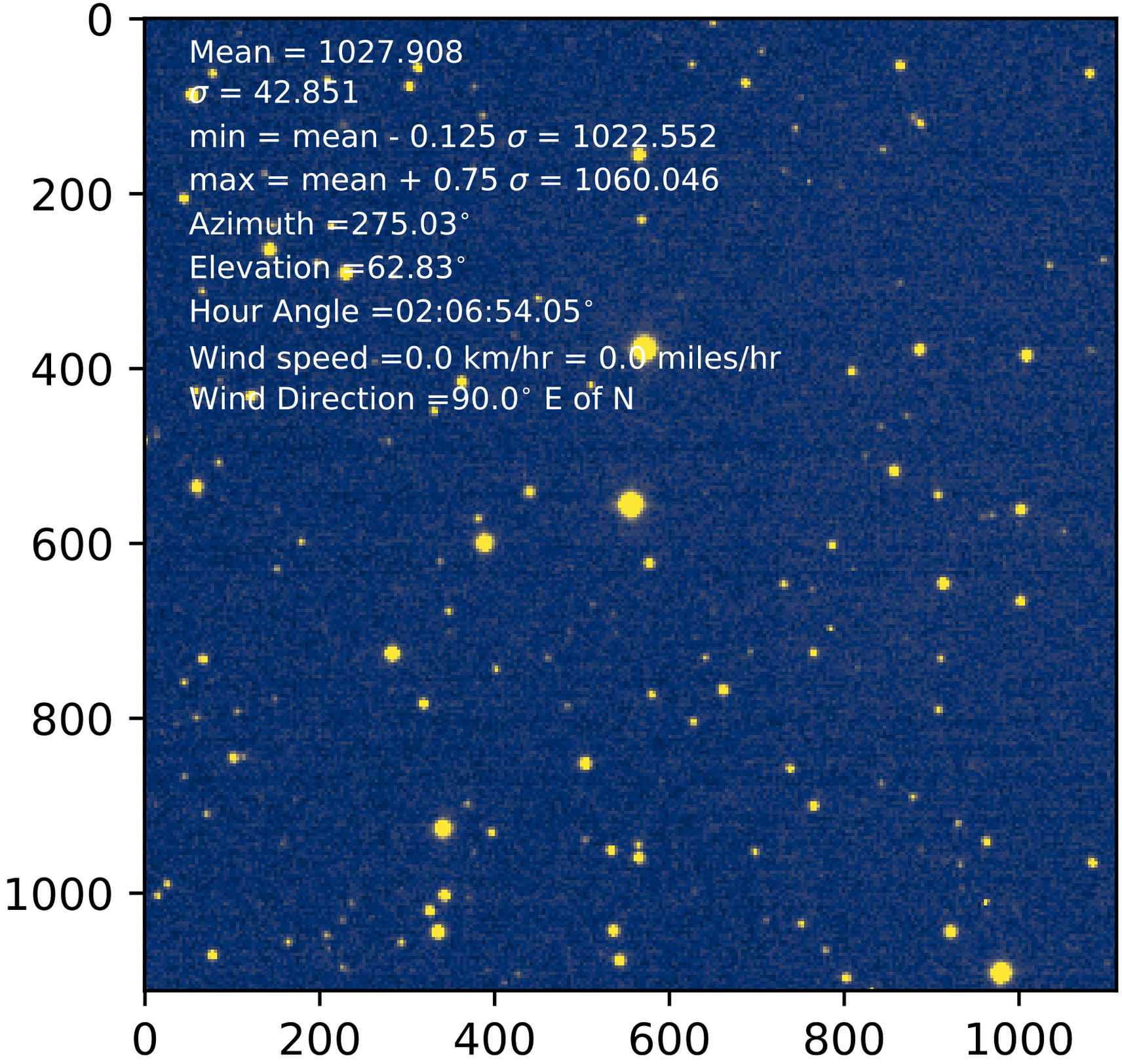
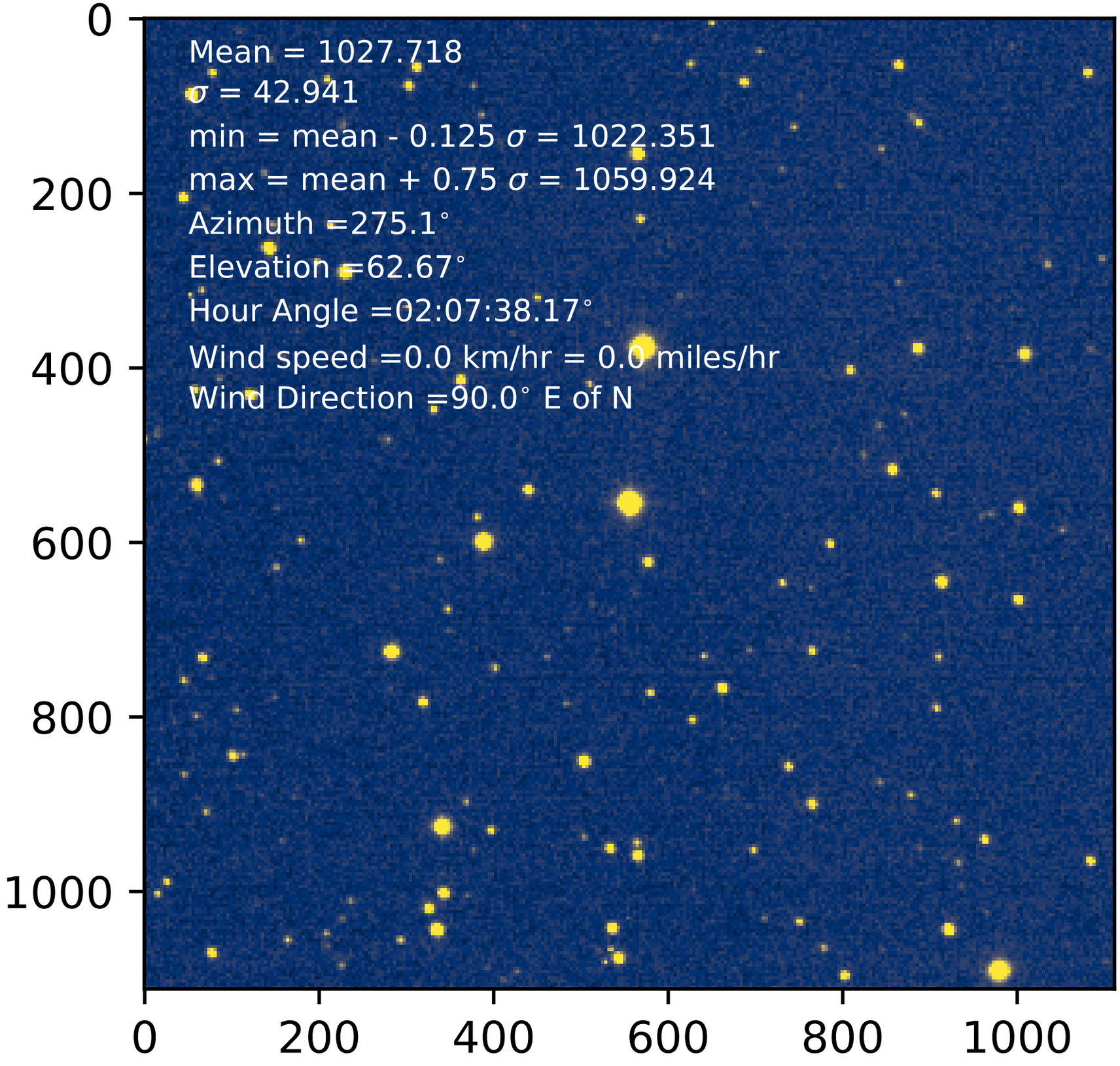

Mean = 1025.667
σ = 43.247
min = mean - 0.125 σ = 1020.261
max = mean + 0.75 σ = 1058.102
Azimuth =274.74°
Elevation =63.46°
Hour Angle =02:03:55.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

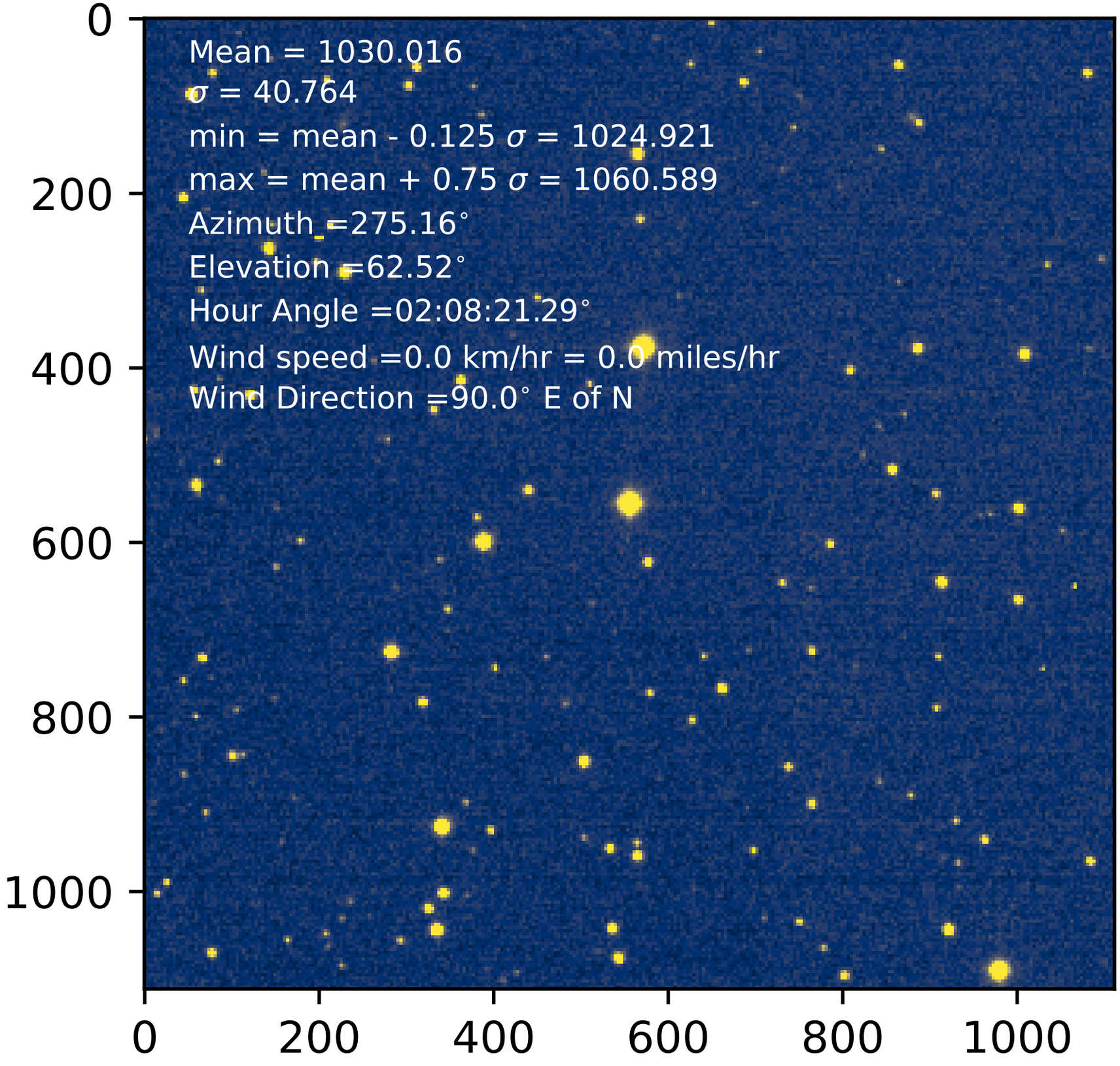

Mean = 1025.858
σ = 43.277
min = mean - 0.125 σ = 1020.448
max = mean + 0.75 σ = 1058.315
Azimuth =274.81°
Elevation =63.3°
Hour Angle =02:04:39.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

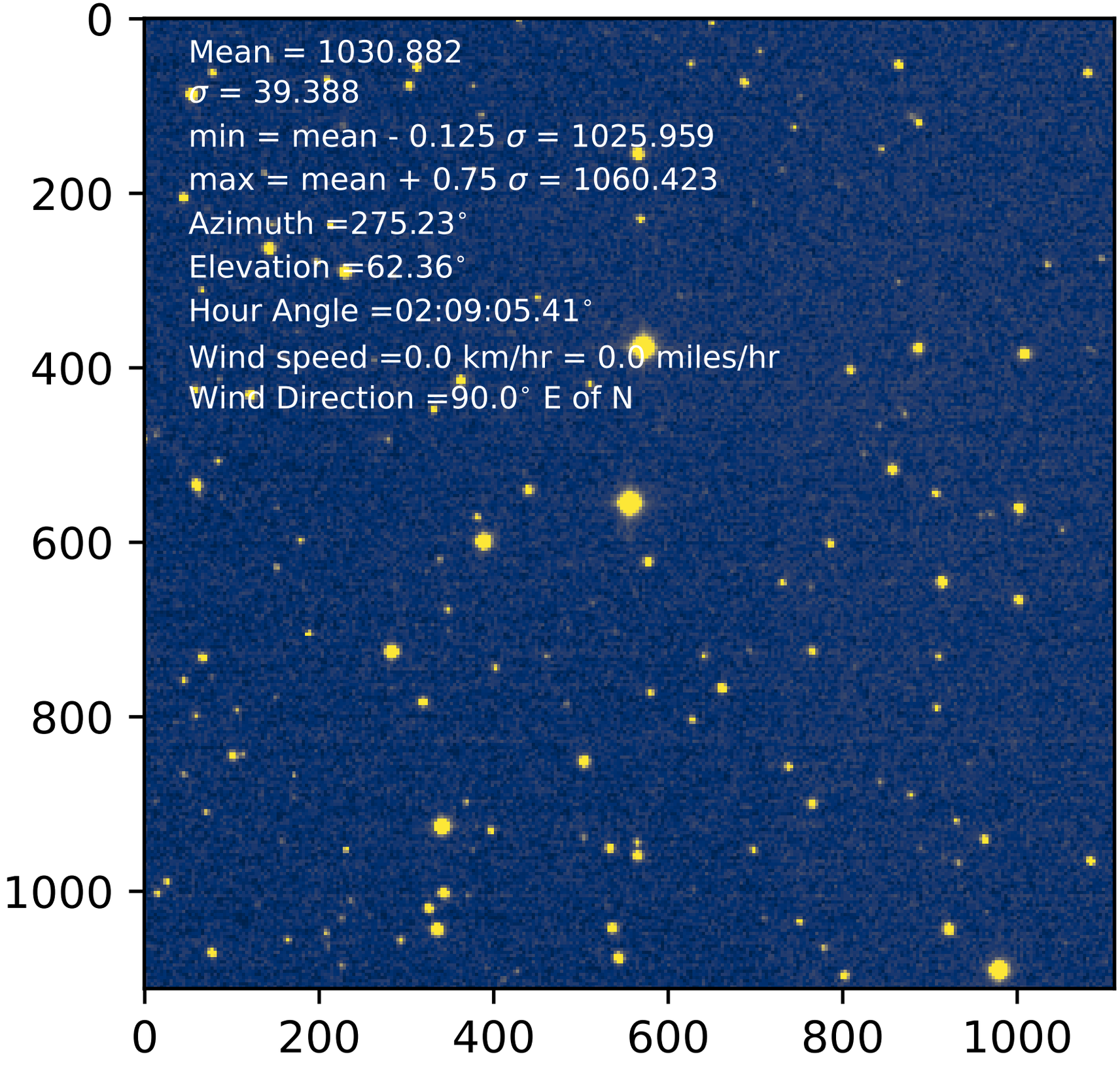

Mean = 1026.257
σ = 43.878
min = mean - 0.125 σ = 1020.772
max = mean + 0.75 σ = 1059.166
Azimuth =274.88°
Elevation =63.15°
Hour Angle =02:05:22.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

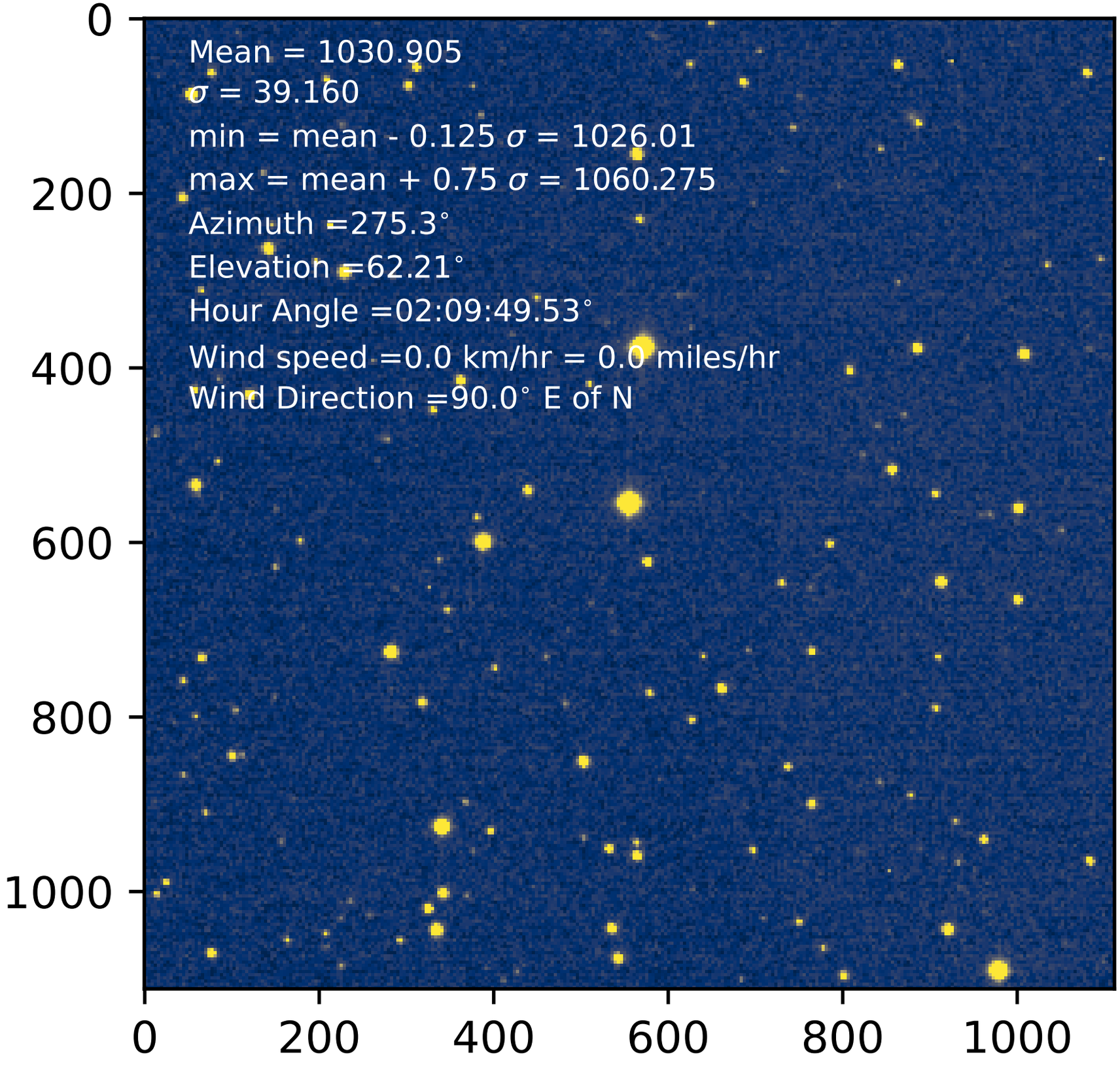

Mean = 1026.238
σ = 43.879
min = mean - 0.125 σ = 1020.753
max = mean + 0.75 σ = 1059.147
Azimuth =274.96°
Elevation =62.98°
Hour Angle =02:06:10.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

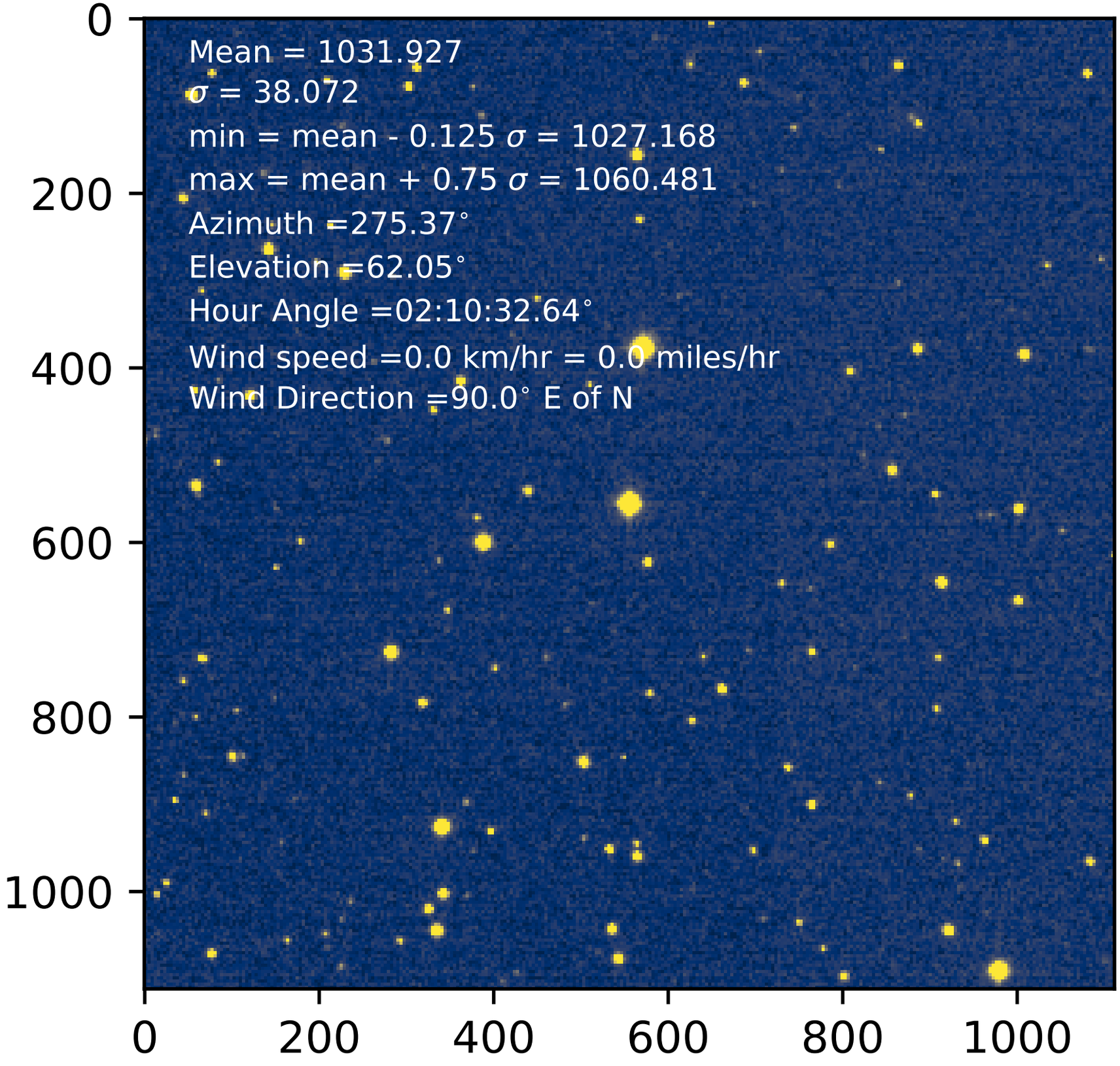

Mean = 1027.908
σ = 42.851
min = mean - 0.125 σ = 1022.552
max = mean + 0.75 σ = 1060.046
Azimuth =275.03°
Elevation =62.83°
Hour Angle =02:06:54.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

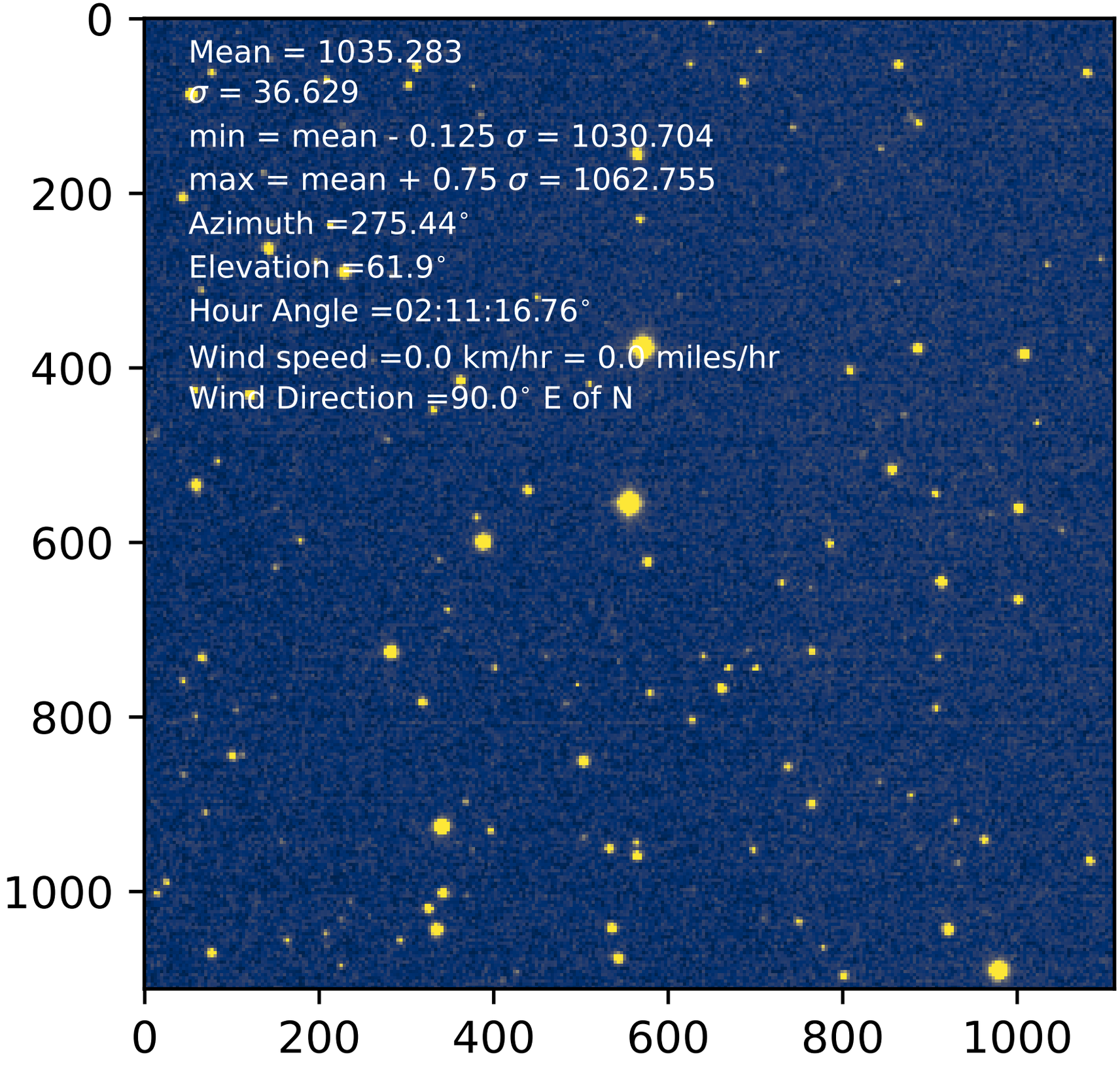

Mean = 1027.718
σ = 42.941
min = mean - 0.125 σ = 1022.351
max = mean + 0.75 σ = 1059.924
Azimuth =275.1°
Elevation =62.67°
Hour Angle =02:07:38.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

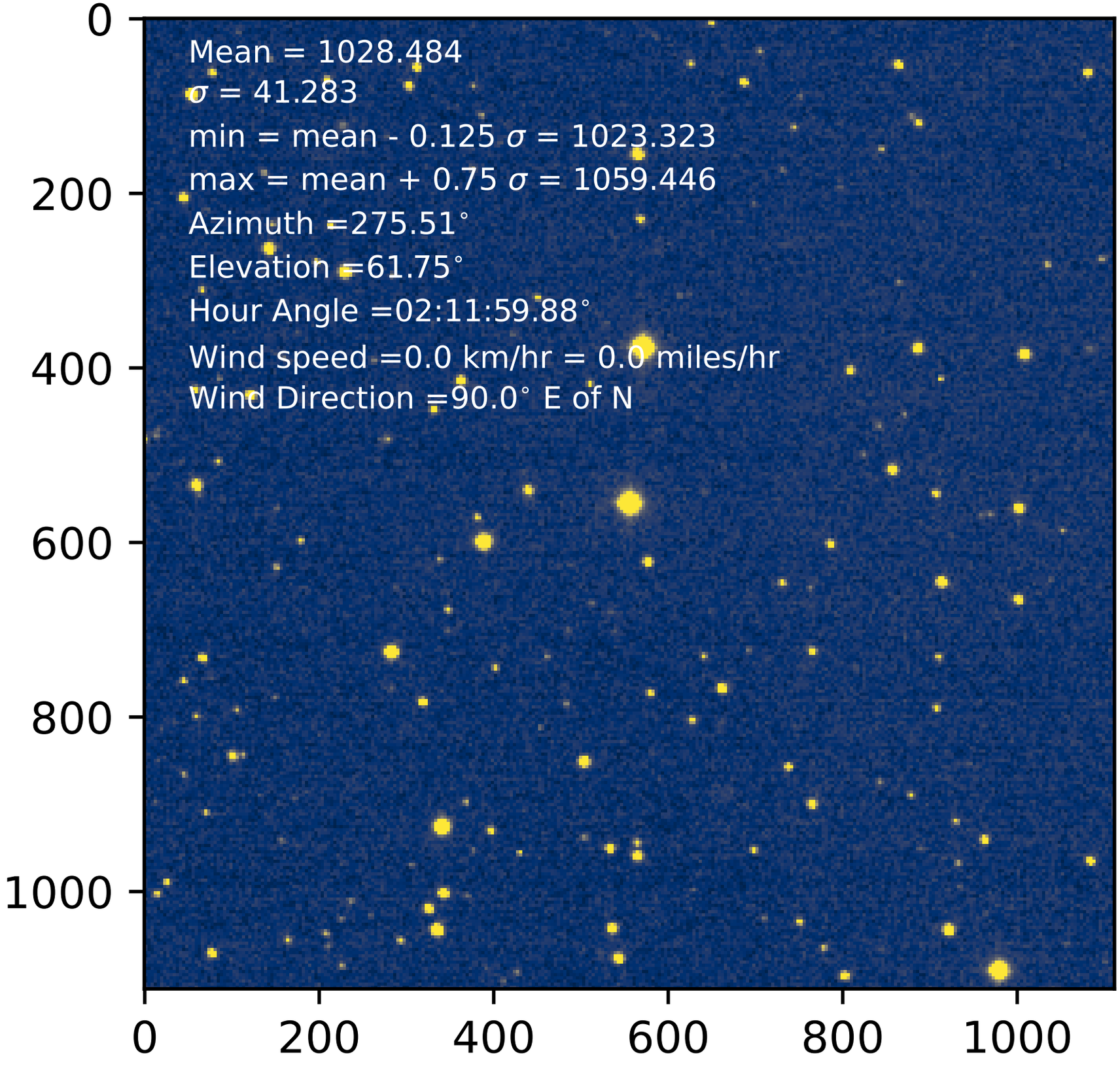

Mean = 1030.016
σ = 40.764
min = mean - 0.125 σ = 1024.921
max = mean + 0.75 σ = 1060.589
Azimuth =275.16°
Elevation =62.52°
Hour Angle =02:08:21.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

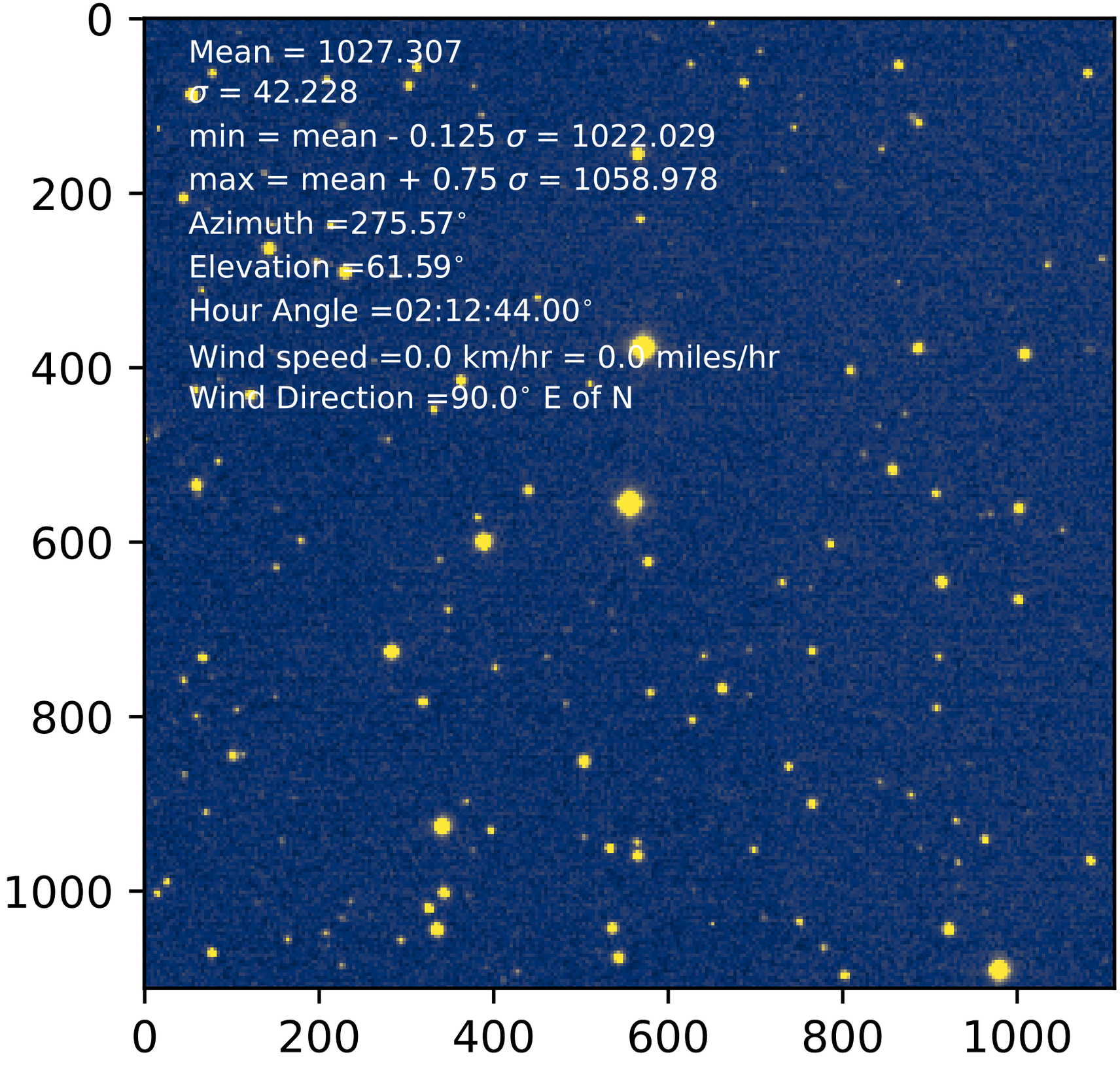

Mean = 1030.882
σ = 39.388
min = mean - 0.125 σ = 1025.959
max = mean + 0.75 σ = 1060.423
Azimuth =275.23°
Elevation =62.36°
Hour Angle =02:09:05.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

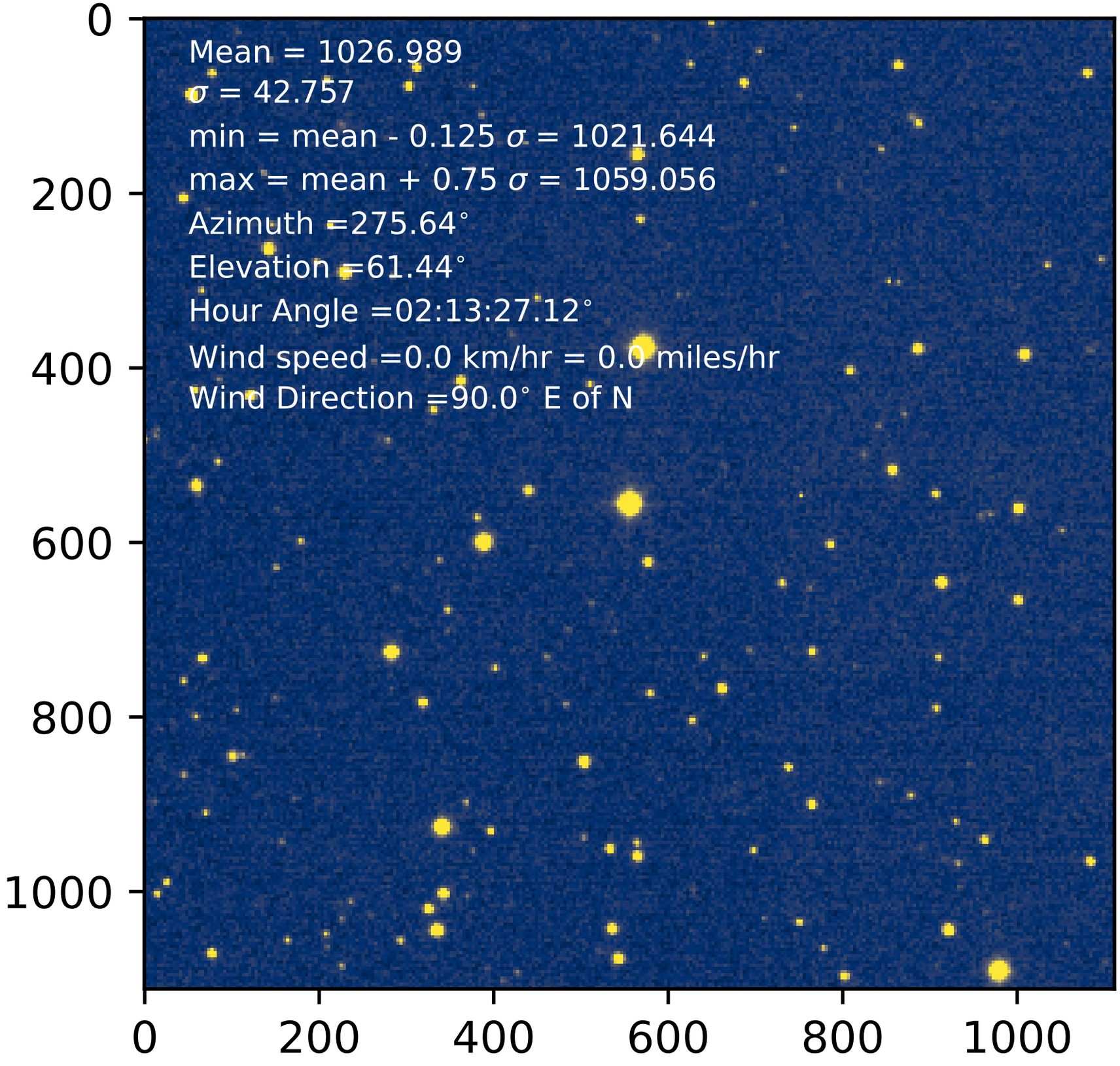

Mean = 1030.905
σ = 39.160
min = mean - 0.125 σ = 1026.01
max = mean + 0.75 σ = 1060.275
Azimuth =275.3°
Elevation =62.21°
Hour Angle =02:09:49.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

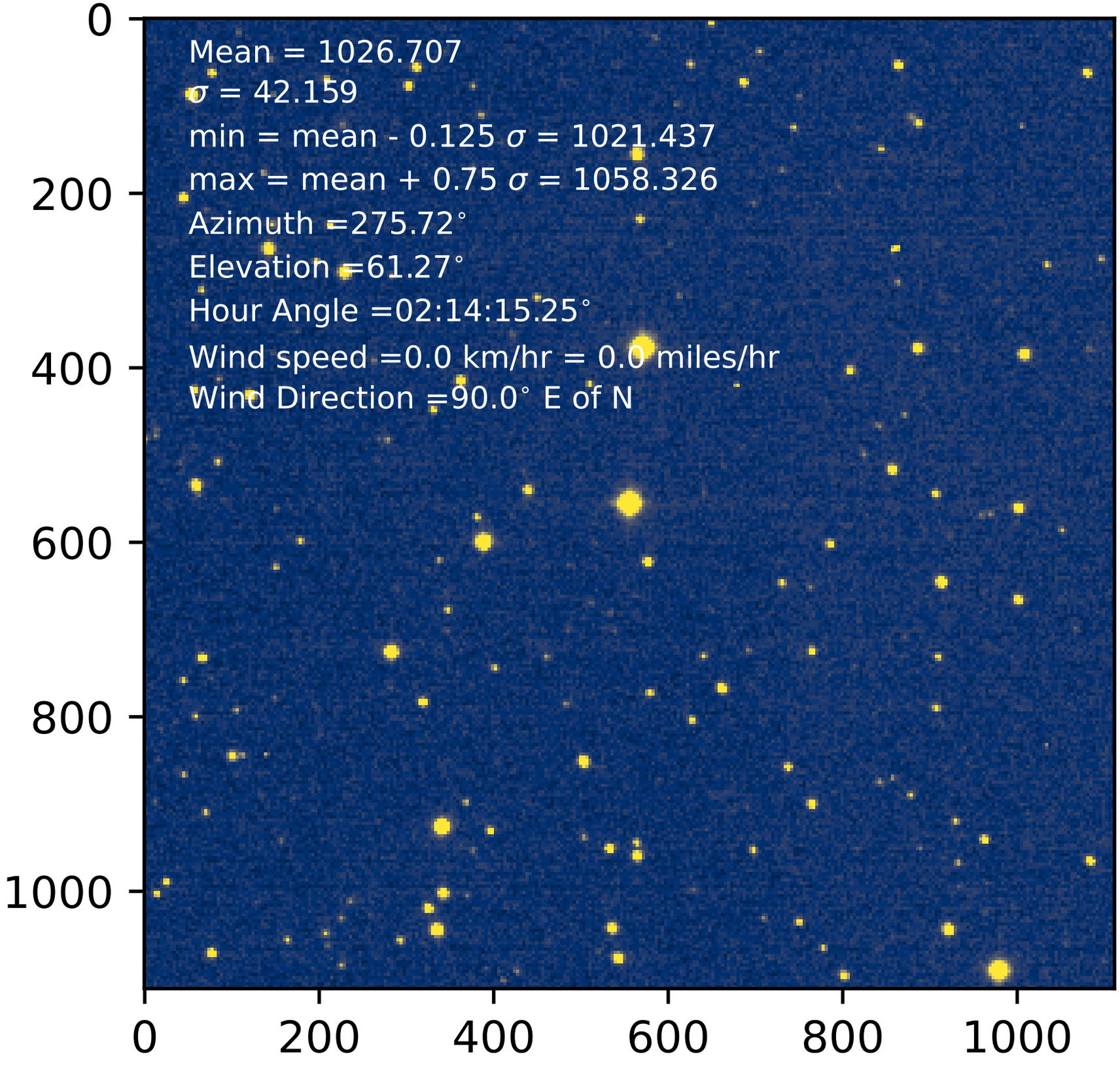

Mean = 1031.927
σ = 38.072
min = mean - 0.125 σ = 1027.168
max = mean + 0.75 σ = 1060.481
Azimuth =275.37°
Elevation =62.05°
Hour Angle =02:10:32.64°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

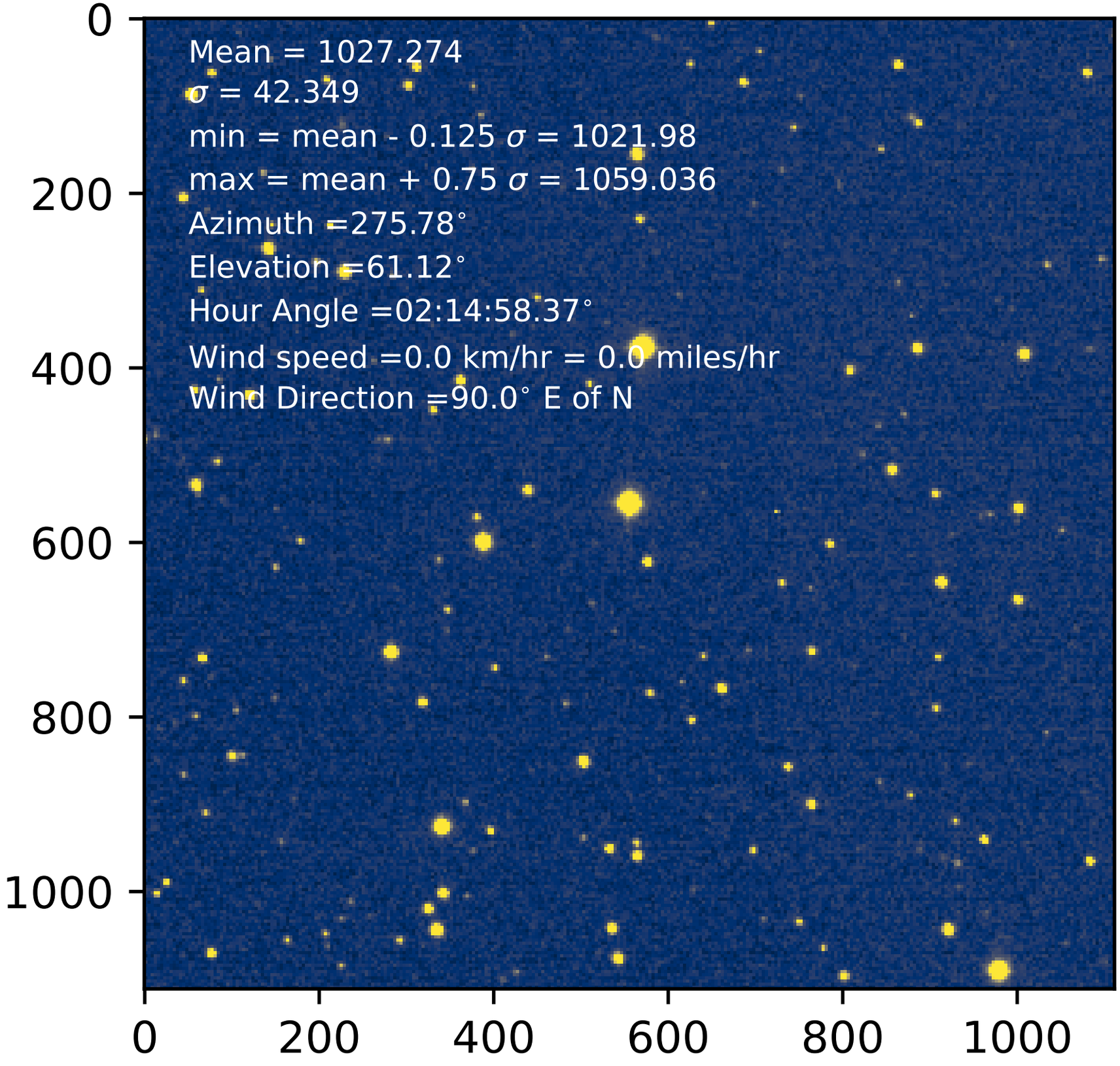

Mean = 1035.283
σ = 36.629
min = mean - 0.125 σ = 1030.704
max = mean + 0.75 σ = 1062.755
Azimuth =275.44°
Elevation =61.9°
Hour Angle =02:11:16.76°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

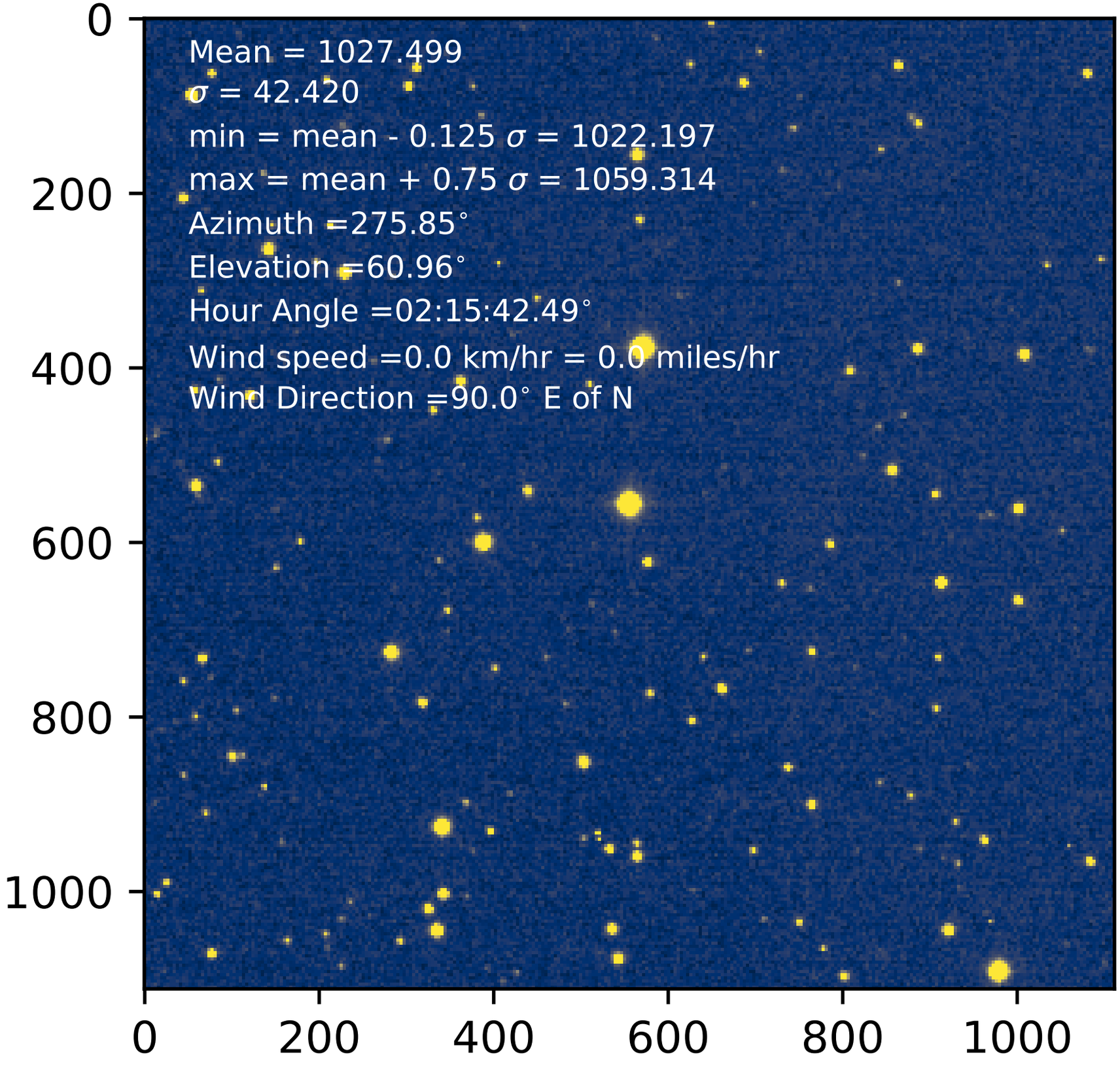

Mean = 1028.484
σ = 41.283
min = mean - 0.125 σ = 1023.323
max = mean + 0.75 σ = 1059.446
Azimuth =275.51°
Elevation =61.75°
Hour Angle =02:11:59.88°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

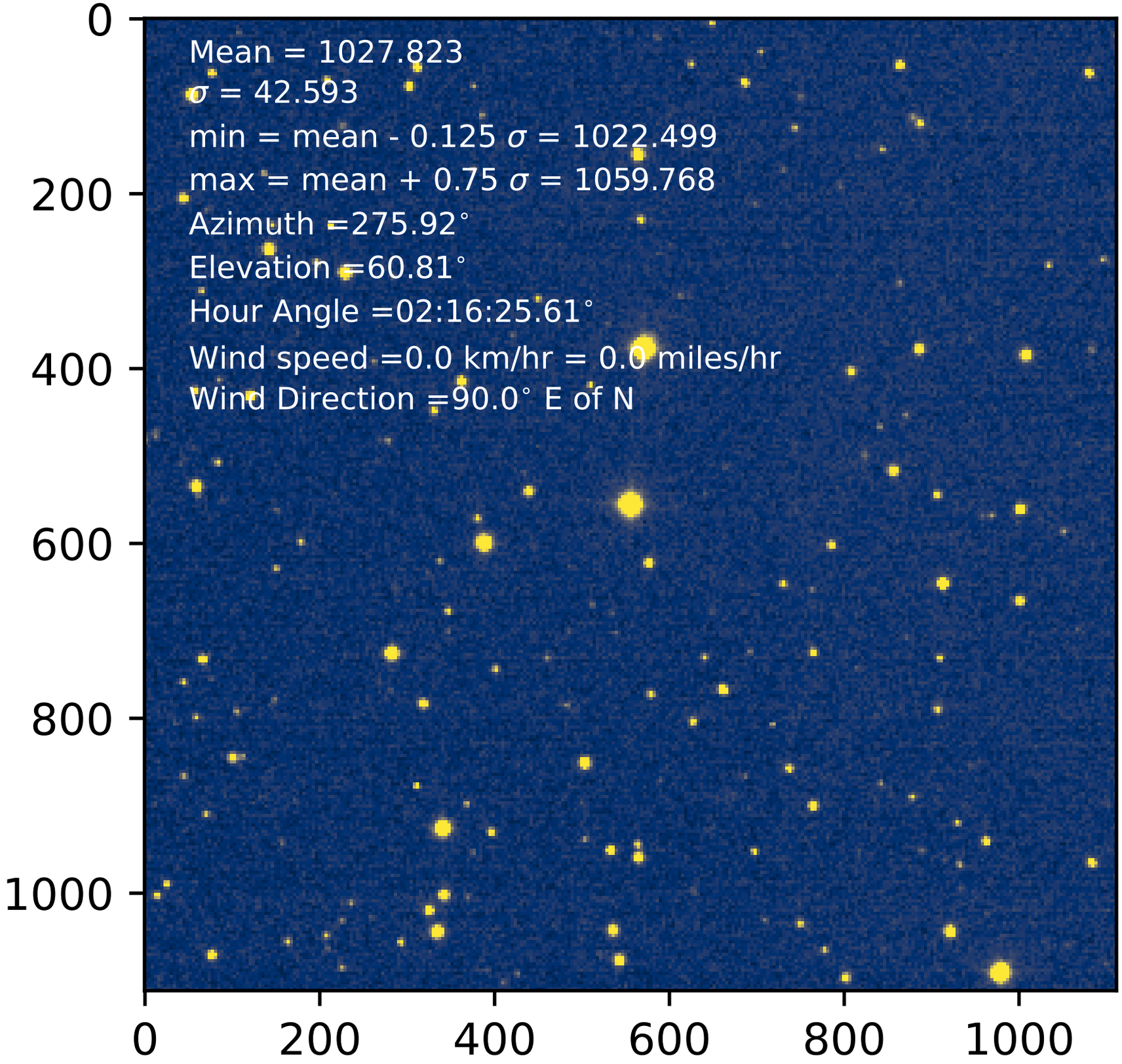

Mean = 1027.307
σ = 42.228
min = mean - 0.125 σ = 1022.029
max = mean + 0.75 σ = 1058.978
Azimuth =275.57°
Elevation =61.59°
Hour Angle =02:12:44.00°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

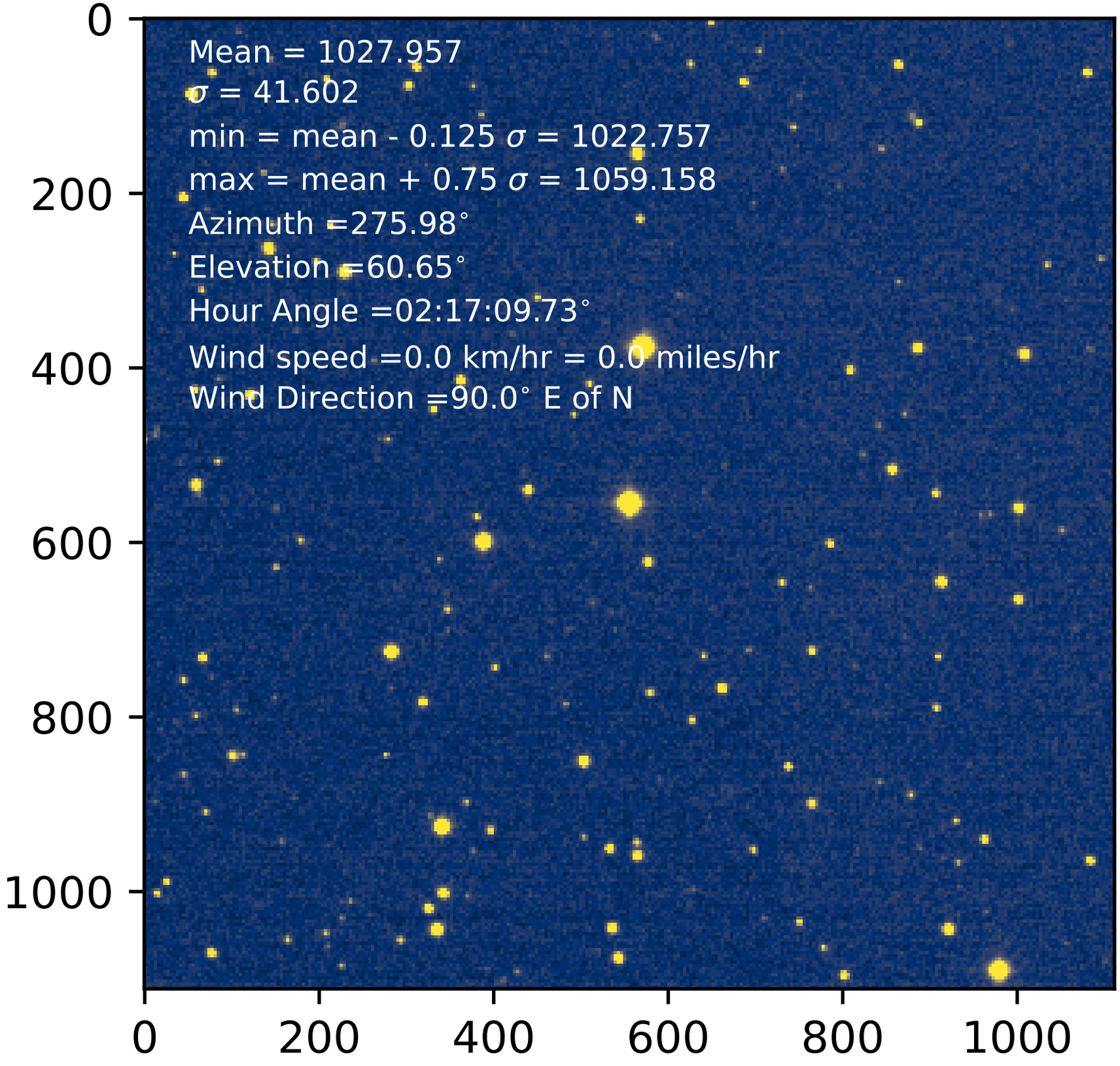

Mean = 1026.989
σ = 42.757
min = mean - 0.125 σ = 1021.644
max = mean + 0.75 σ = 1059.056
Azimuth =275.64°
Elevation =61.44°
Hour Angle =02:13:27.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

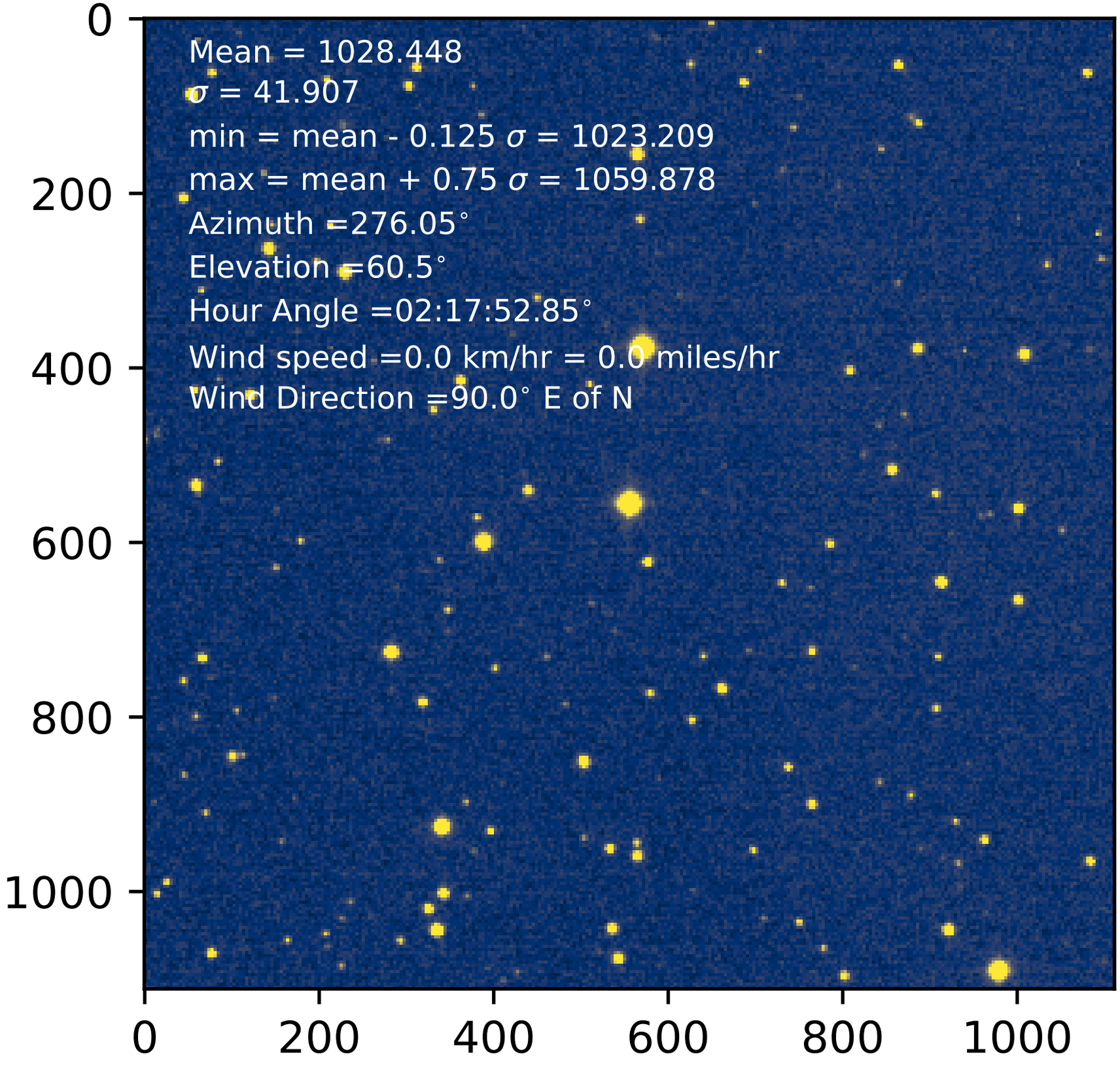

Mean = 1026.707
σ = 42.159
min = mean - 0.125 σ = 1021.437
max = mean + 0.75 σ = 1058.326
Azimuth =275.72°
Elevation =61.27°
Hour Angle =02:14:15.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

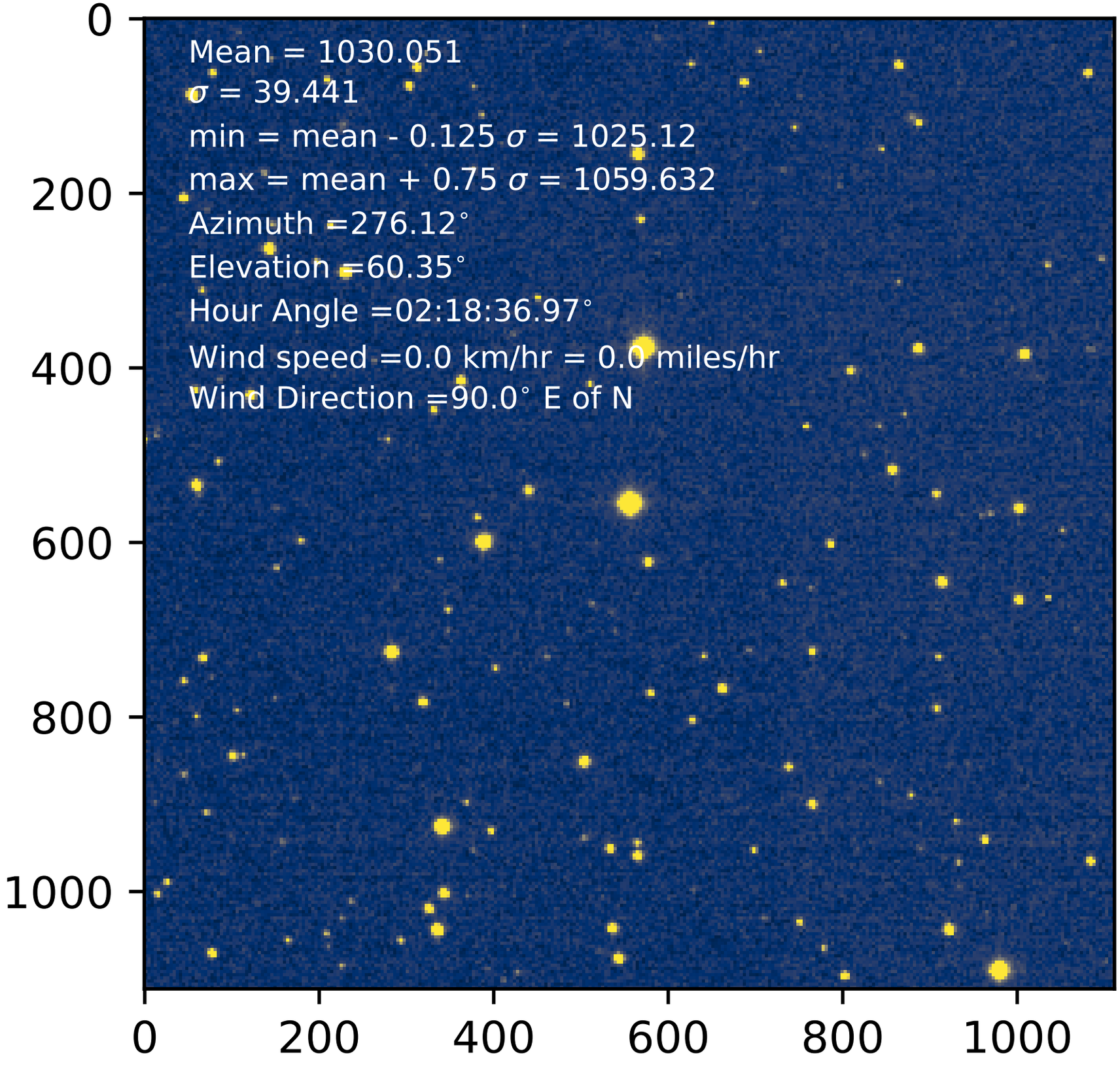

Mean = 1027.274
σ = 42.349
min = mean - 0.125 σ = 1021.98
max = mean + 0.75 σ = 1059.036
Azimuth =275.78°
Elevation =61.12°
Hour Angle =02:14:58.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

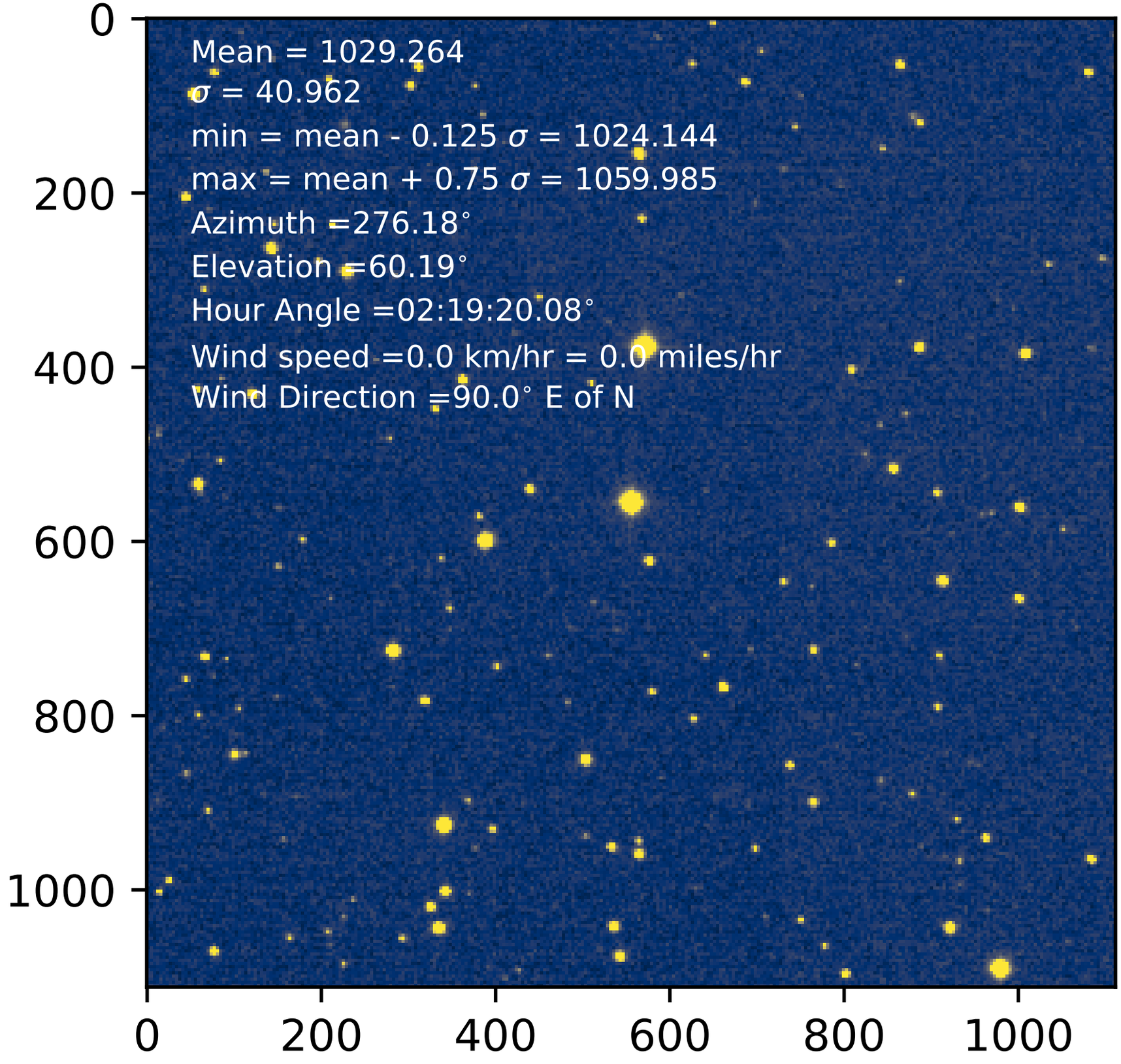

Mean = 1027.499
σ = 42.420
min = mean - 0.125 σ = 1022.197
max = mean + 0.75 σ = 1059.314
Azimuth =275.85°
Elevation =60.96°
Hour Angle =02:15:42.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

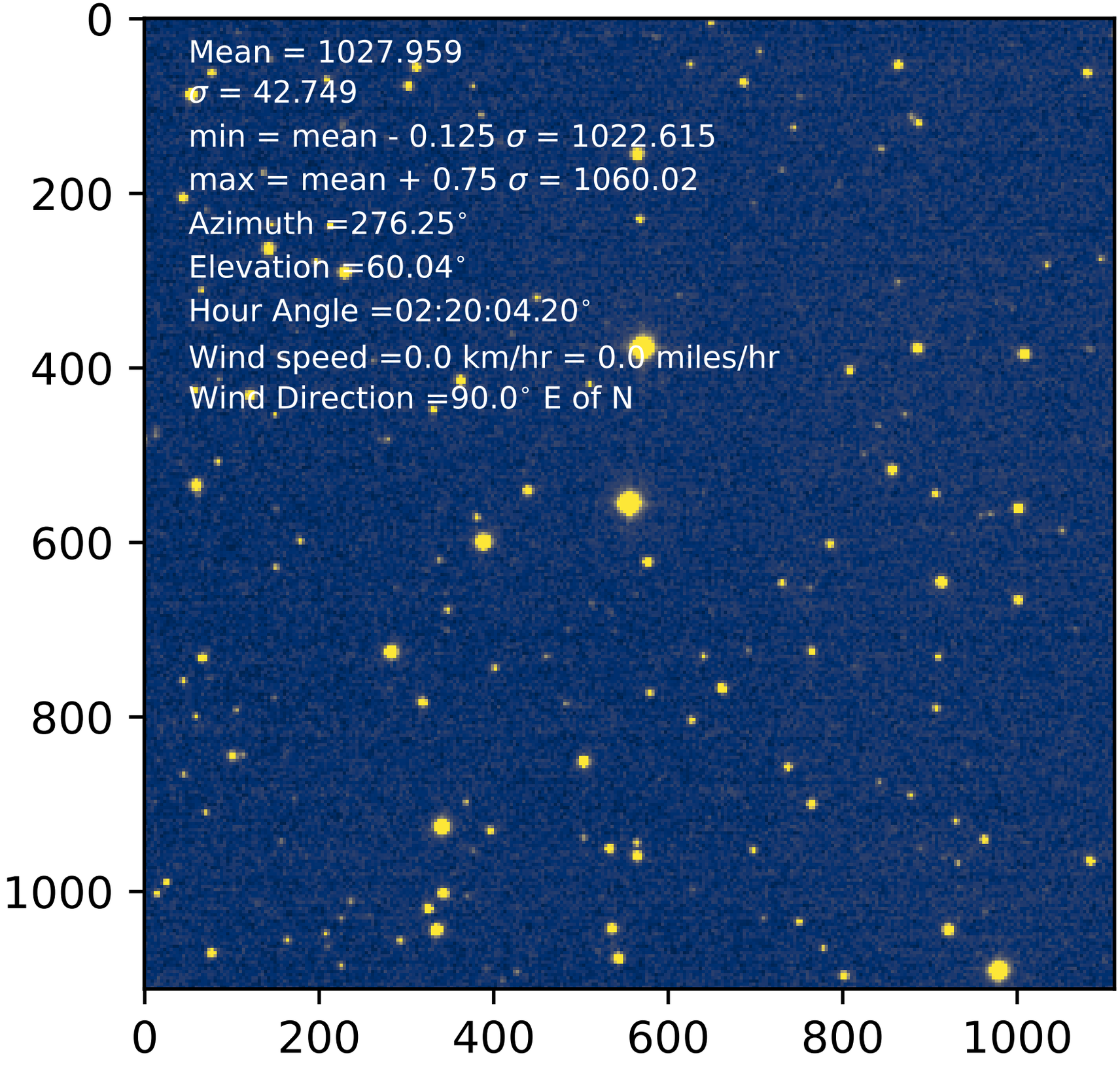

Mean = 1027.823
σ = 42.593
min = mean - 0.125 σ = 1022.499
max = mean + 0.75 σ = 1059.768
Azimuth =275.92°
Elevation =60.81°
Hour Angle =02:16:25.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

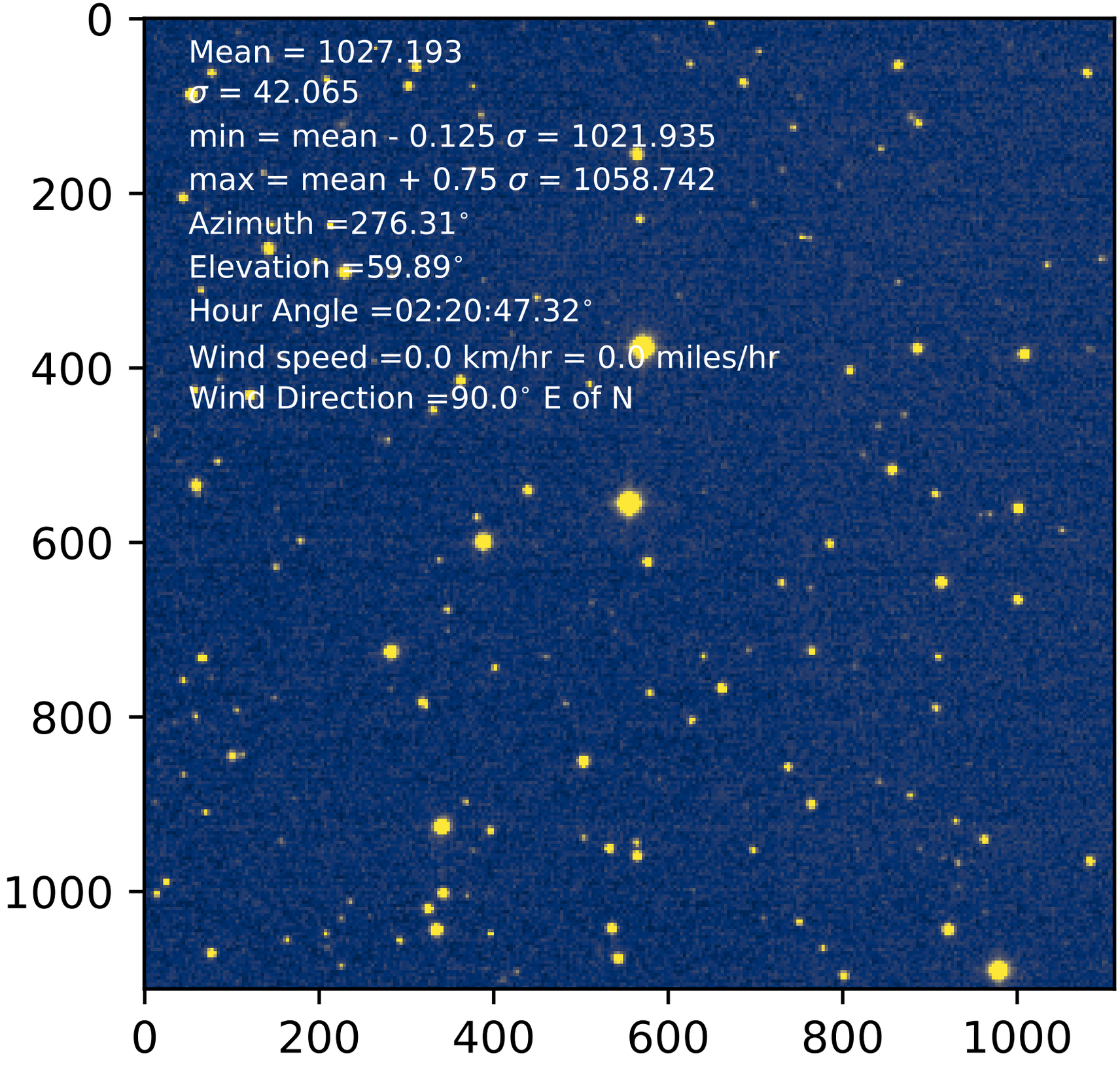

Mean = 1027.957
σ = 41.602
min = mean - 0.125 σ = 1022.757
max = mean + 0.75 σ = 1059.158
Azimuth =275.98°
Elevation =60.65°
Hour Angle =02:17:09.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

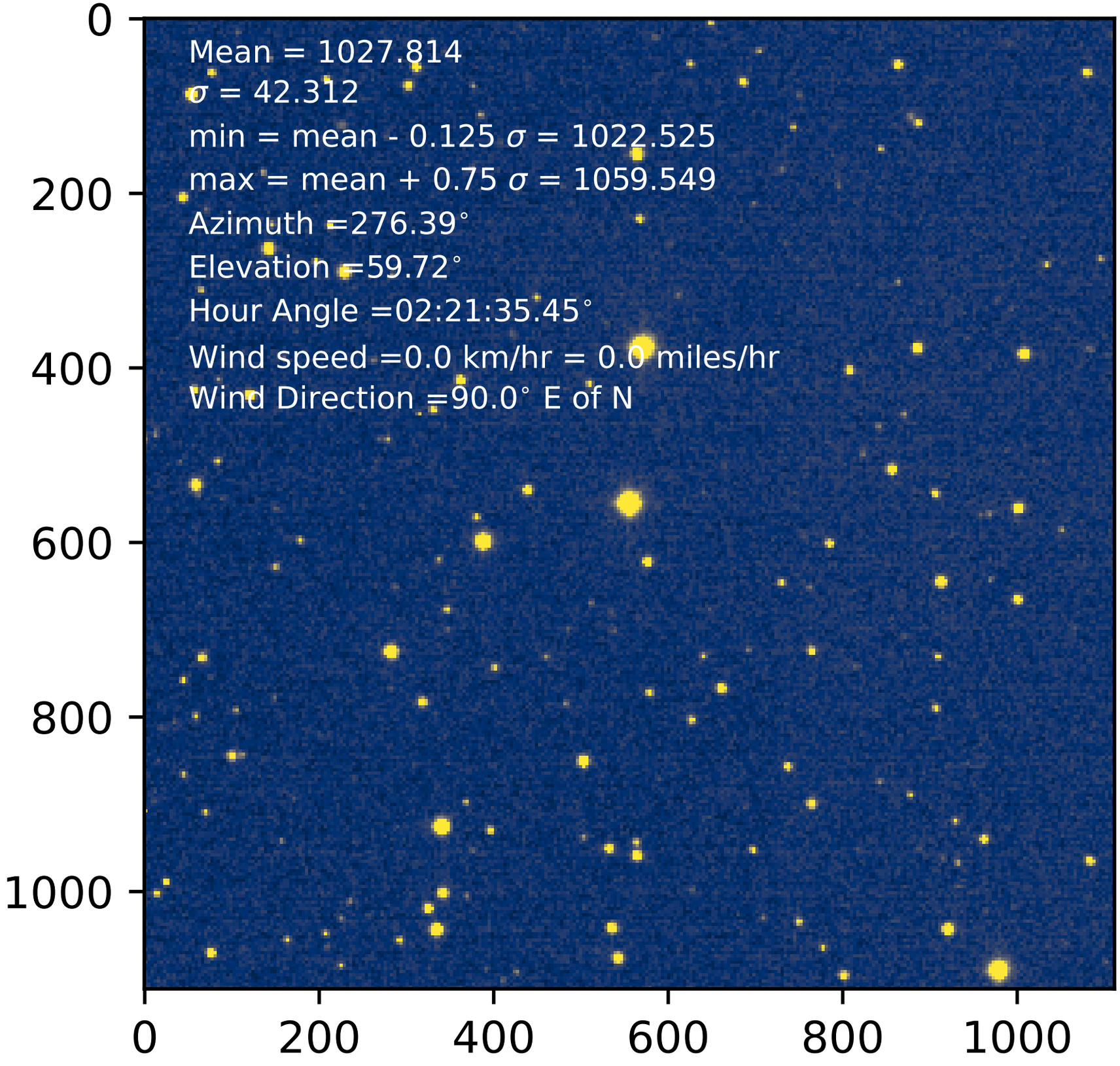

Mean = 1028.448
σ = 41.907
min = mean - 0.125 σ = 1023.209
max = mean + 0.75 σ = 1059.878
Azimuth =276.05°
Elevation =60.5°
Hour Angle =02:17:52.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

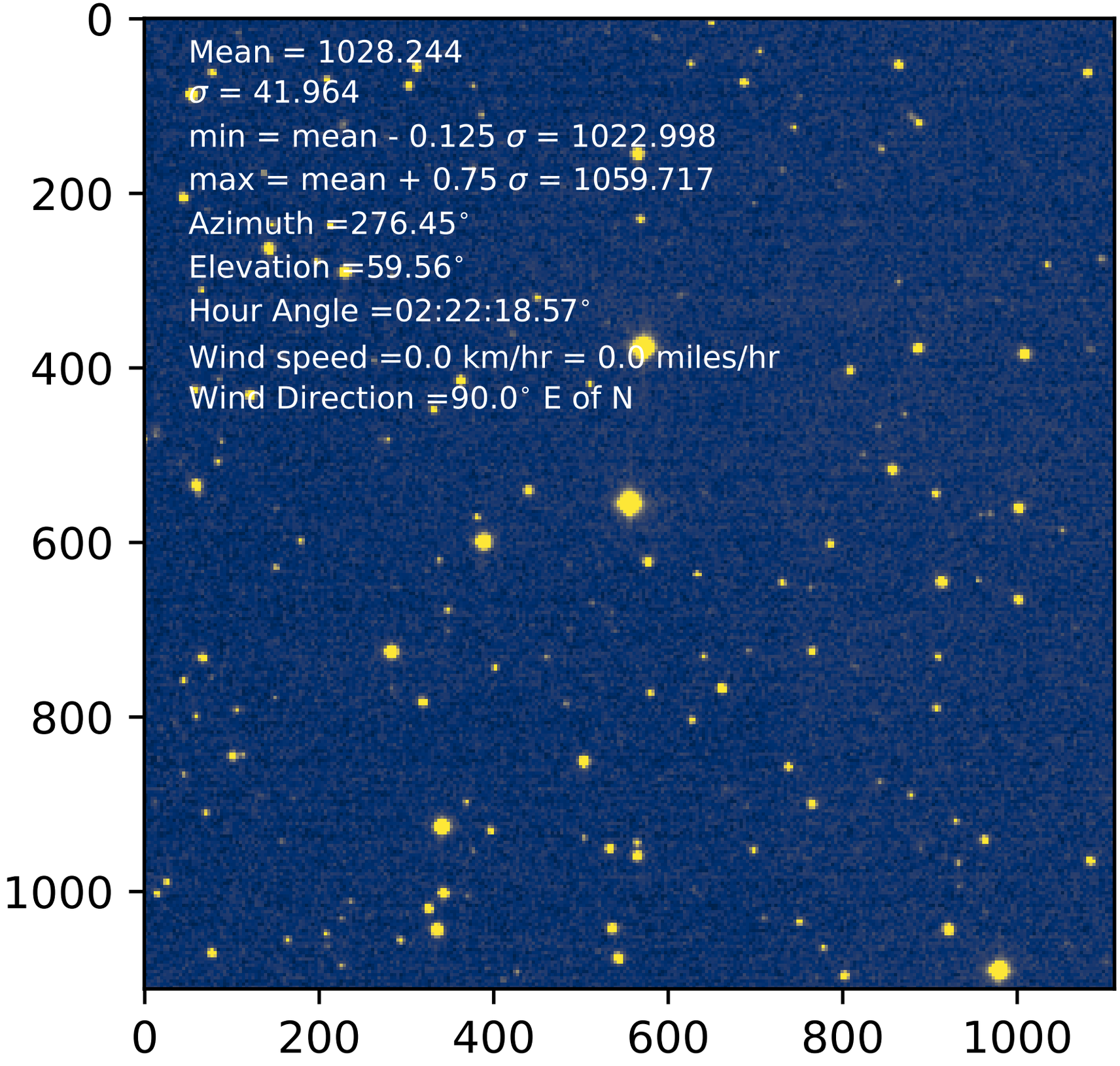

Mean = 1030.051
σ = 39.441
min = mean - 0.125 σ = 1025.12
max = mean + 0.75 σ = 1059.632
Azimuth =276.12°
Elevation =60.35°
Hour Angle =02:18:36.97°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

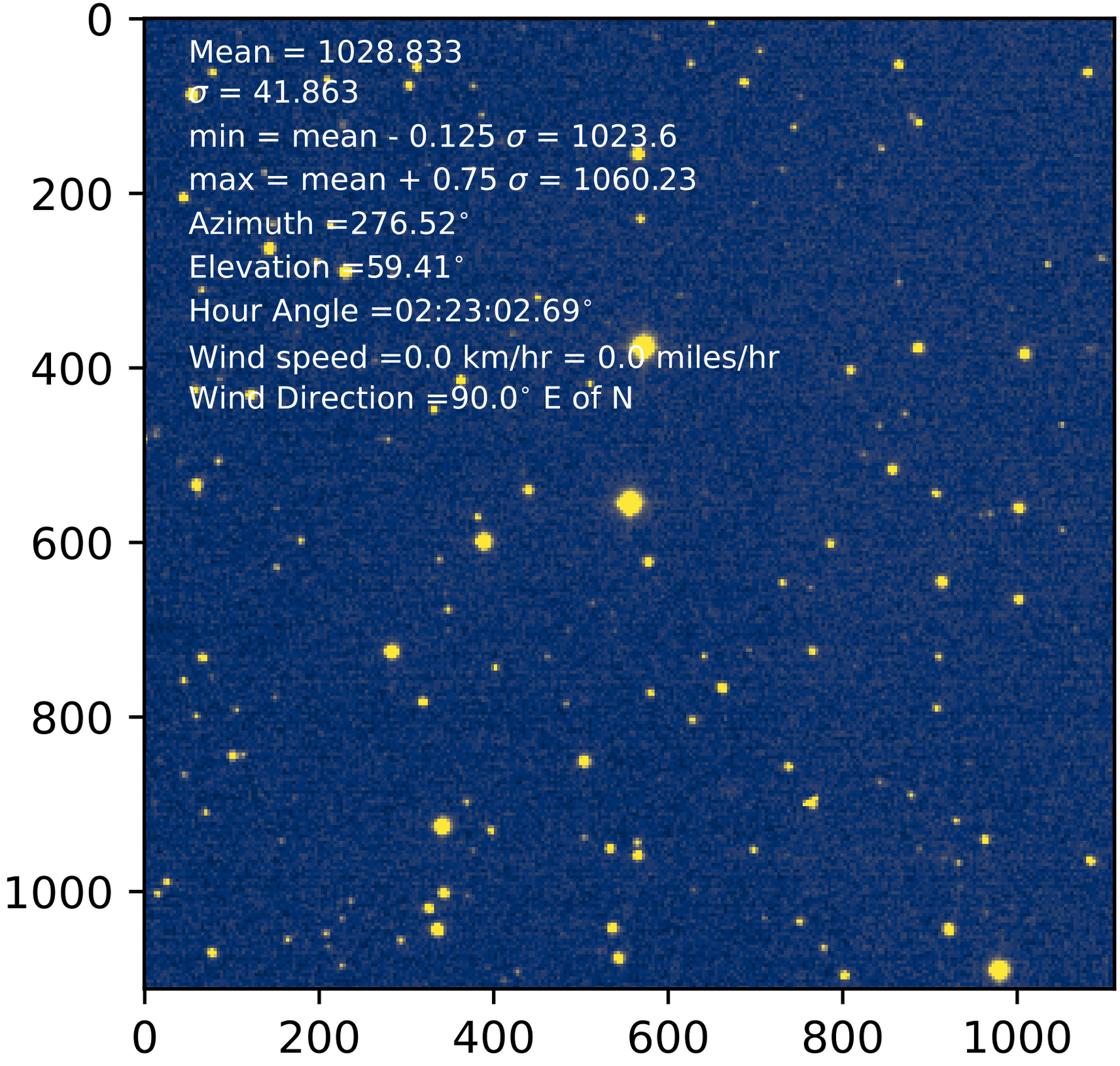

Mean = 1029.264
σ = 40.962
min = mean - 0.125 σ = 1024.144
max = mean + 0.75 σ = 1059.985
Azimuth =276.18°
Elevation =60.19°
Hour Angle =02:19:20.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

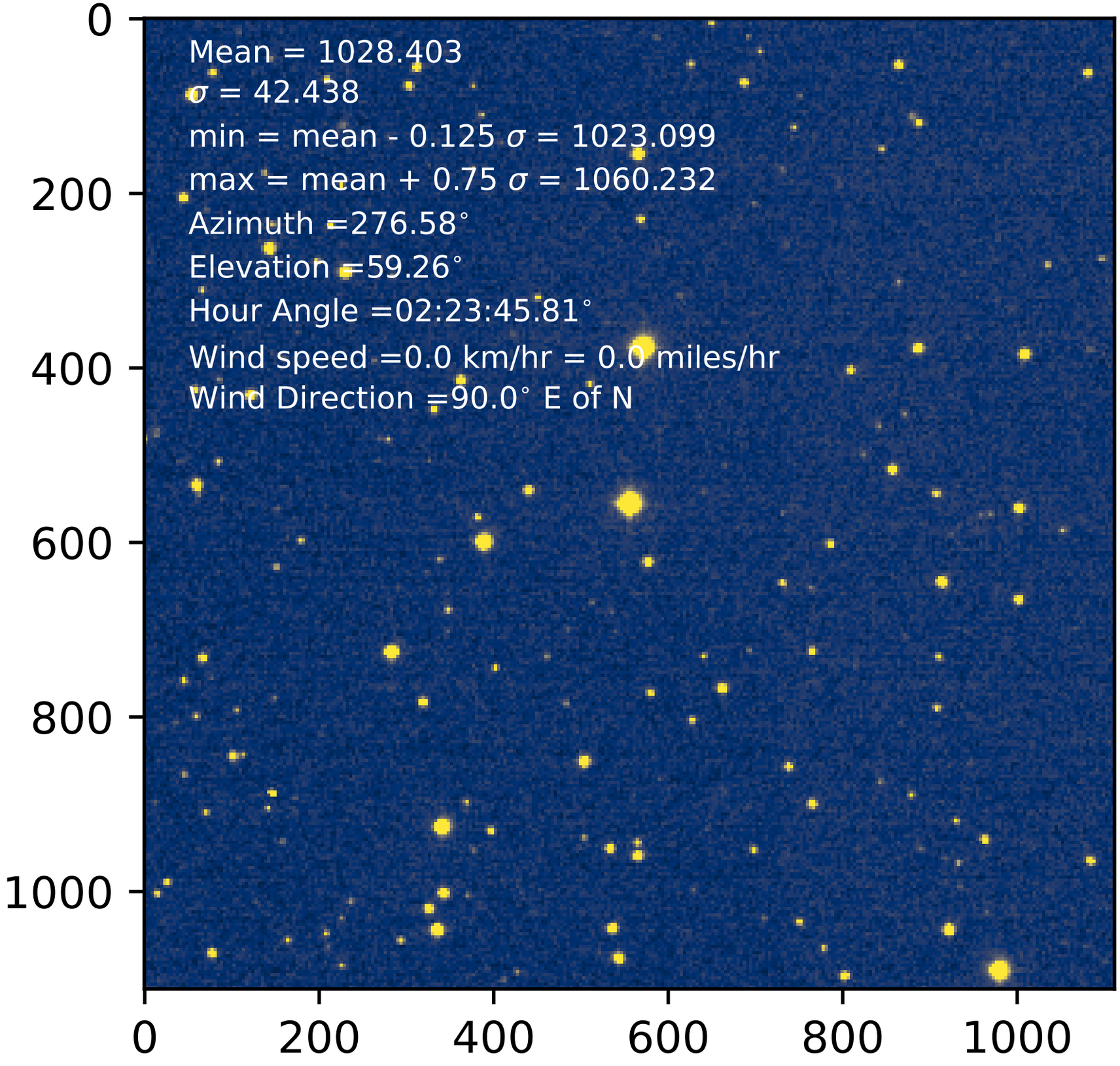

Mean = 1027.959
σ = 42.749
min = mean - 0.125 σ = 1022.615
max = mean + 0.75 σ = 1060.02
Azimuth =276.25°
Elevation =60.04°
Hour Angle =02:20:04.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1027.193
σ = 42.065
min = mean - 0.125 σ = 1021.935
max = mean + 0.75 σ = 1058.742
Azimuth =276.31°
Elevation =59.89°
Hour Angle =02:20:47.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1027.814
σ = 42.312
min = mean - 0.125 σ = 1022.525
max = mean + 0.75 σ = 1059.549
Azimuth =276.39°
Elevation =59.72°
Hour Angle =02:21:35.45°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1028.244
σ = 41.964
min = mean - 0.125 σ = 1022.998
max = mean + 0.75 σ = 1059.717
Azimuth =276.45°
Elevation =59.56°
Hour Angle =02:22:18.57°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1028.833
σ = 41.863
min = mean - 0.125 σ = 1023.6
max = mean + 0.75 σ = 1060.23
Azimuth =276.52°
Elevation =59.41°
Hour Angle =02:23:02.69°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1028.403
σ = 42.438
min = mean - 0.125 σ = 1023.099
max = mean + 0.75 σ = 1060.232
Azimuth =276.58°
Elevation =59.26°
Hour Angle =02:23:45.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
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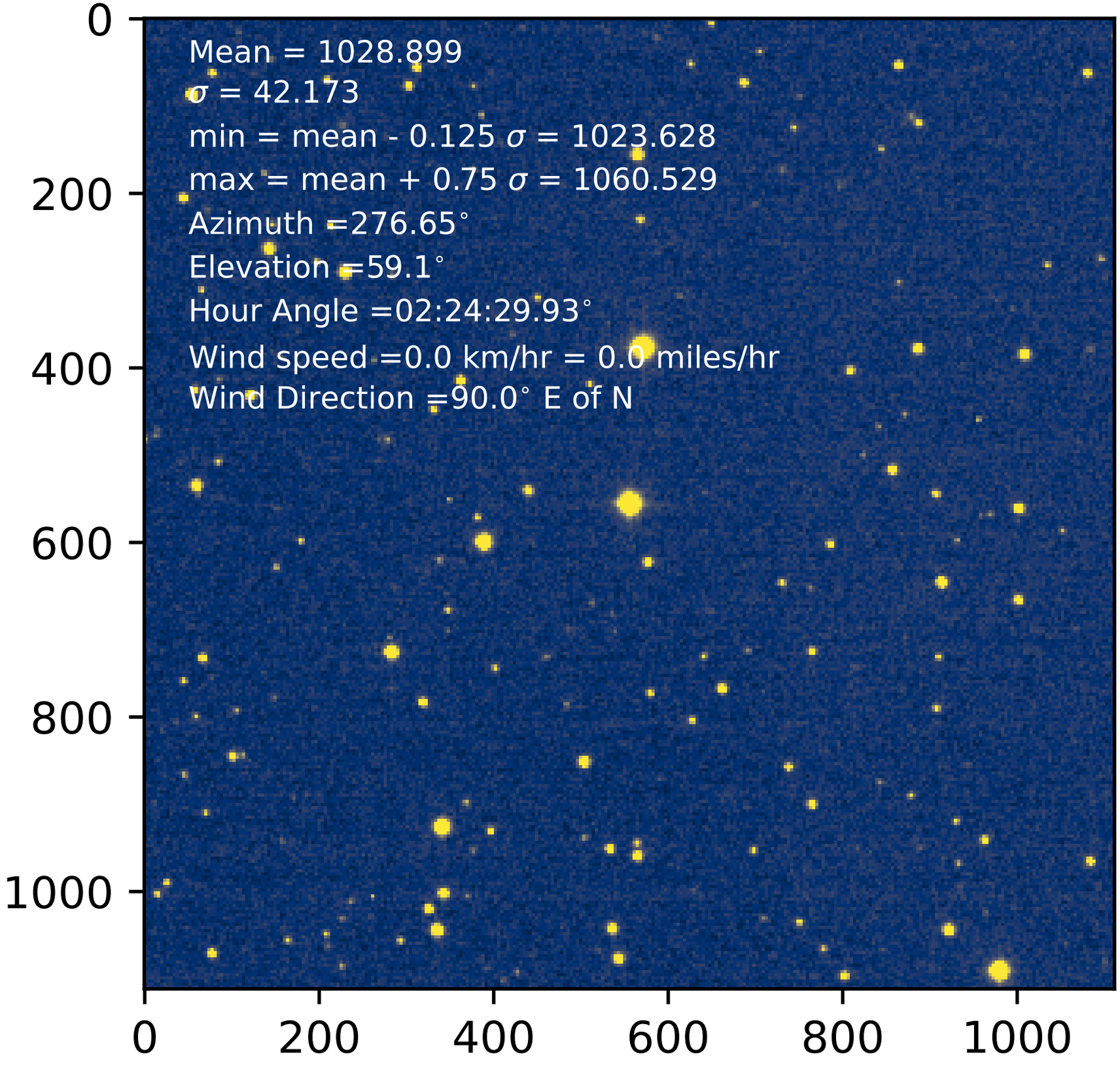
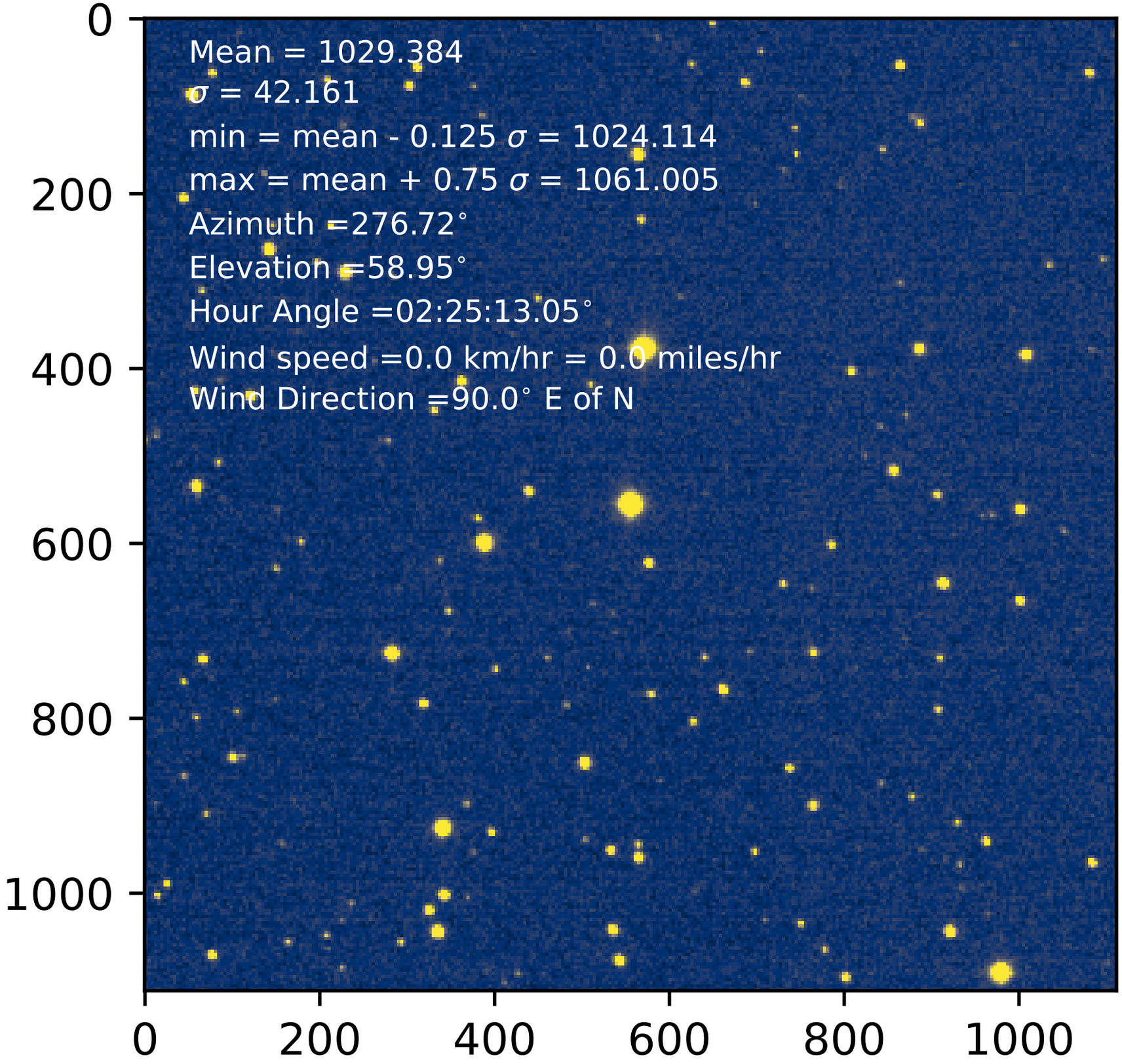
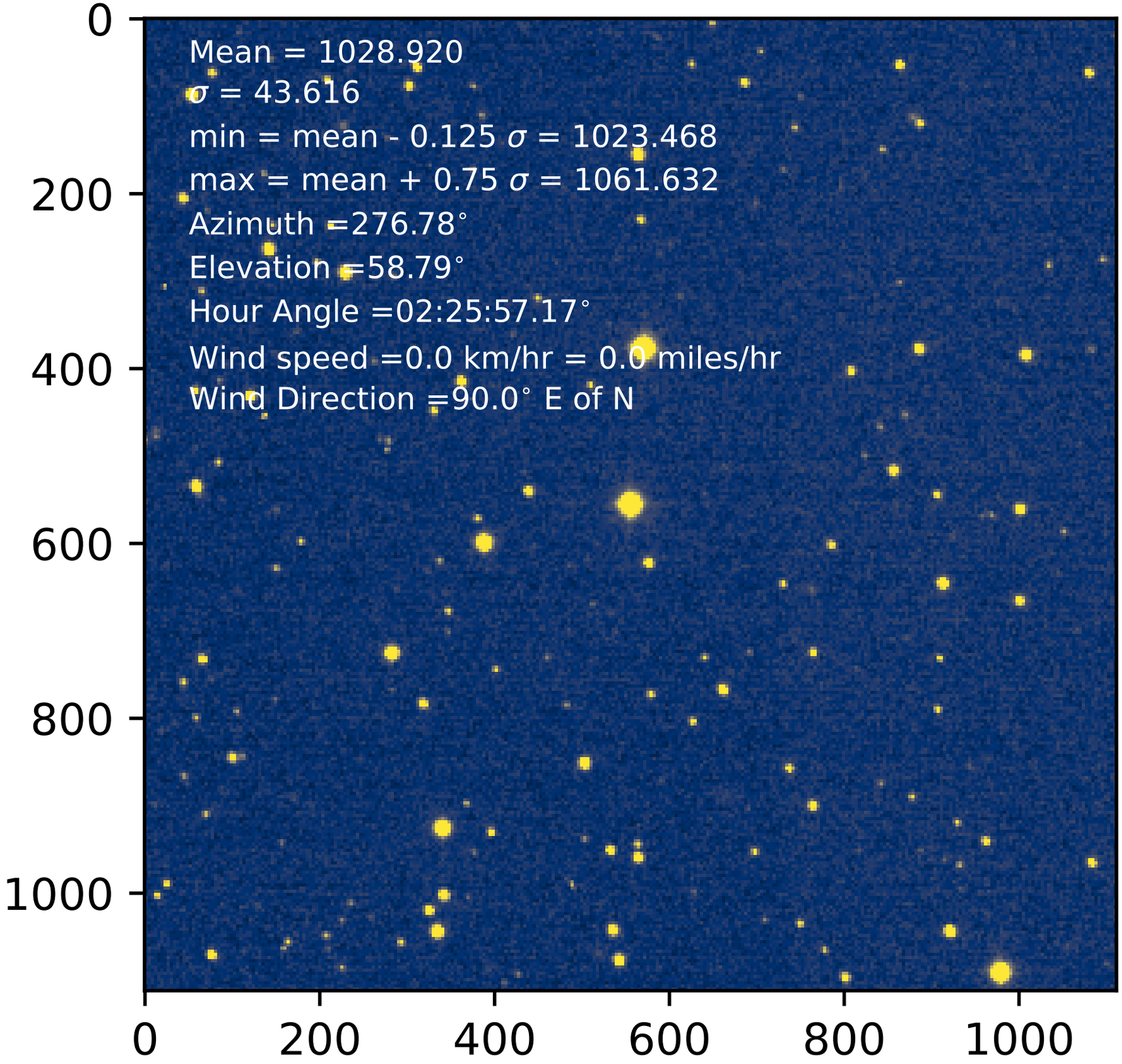
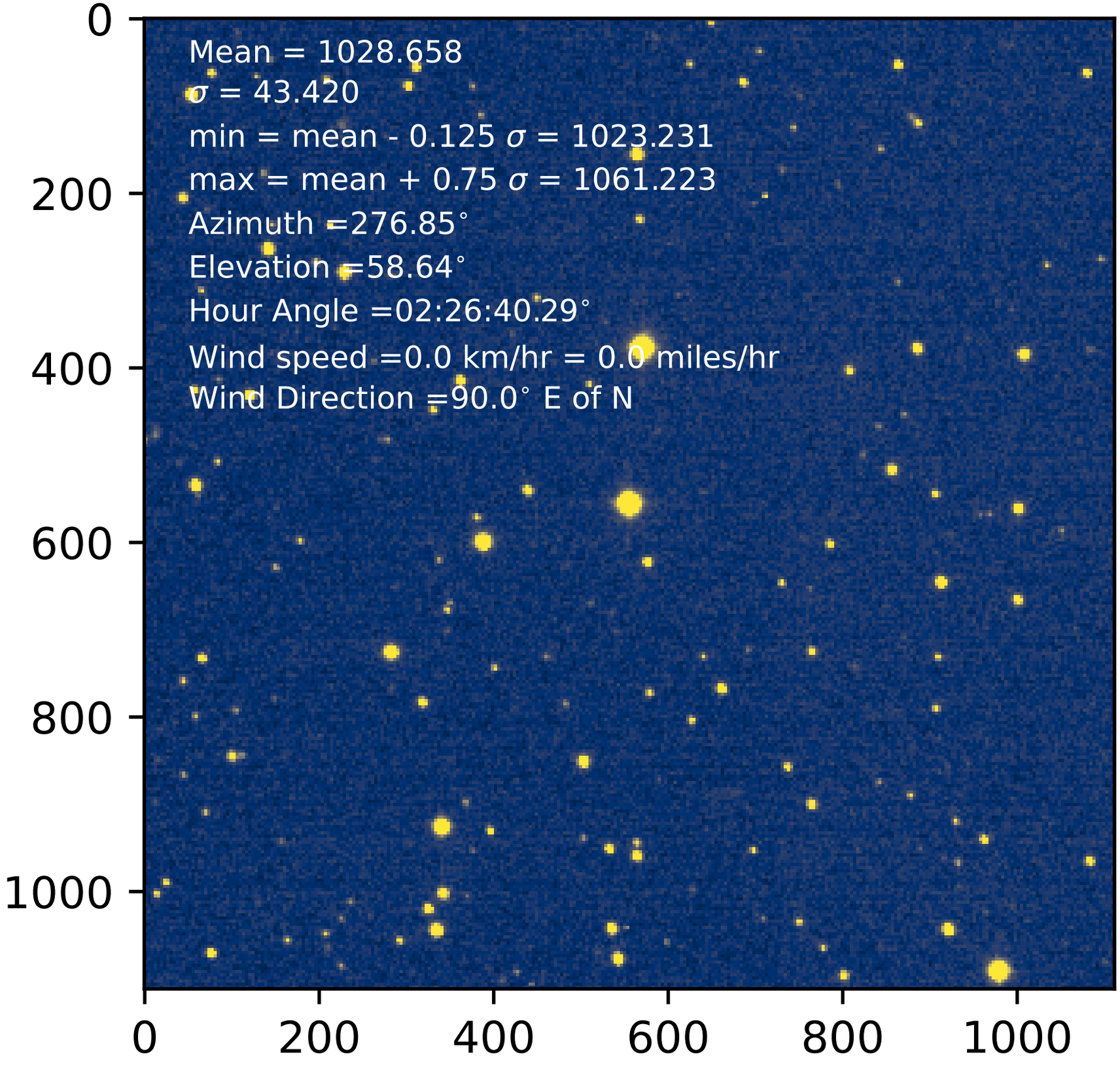
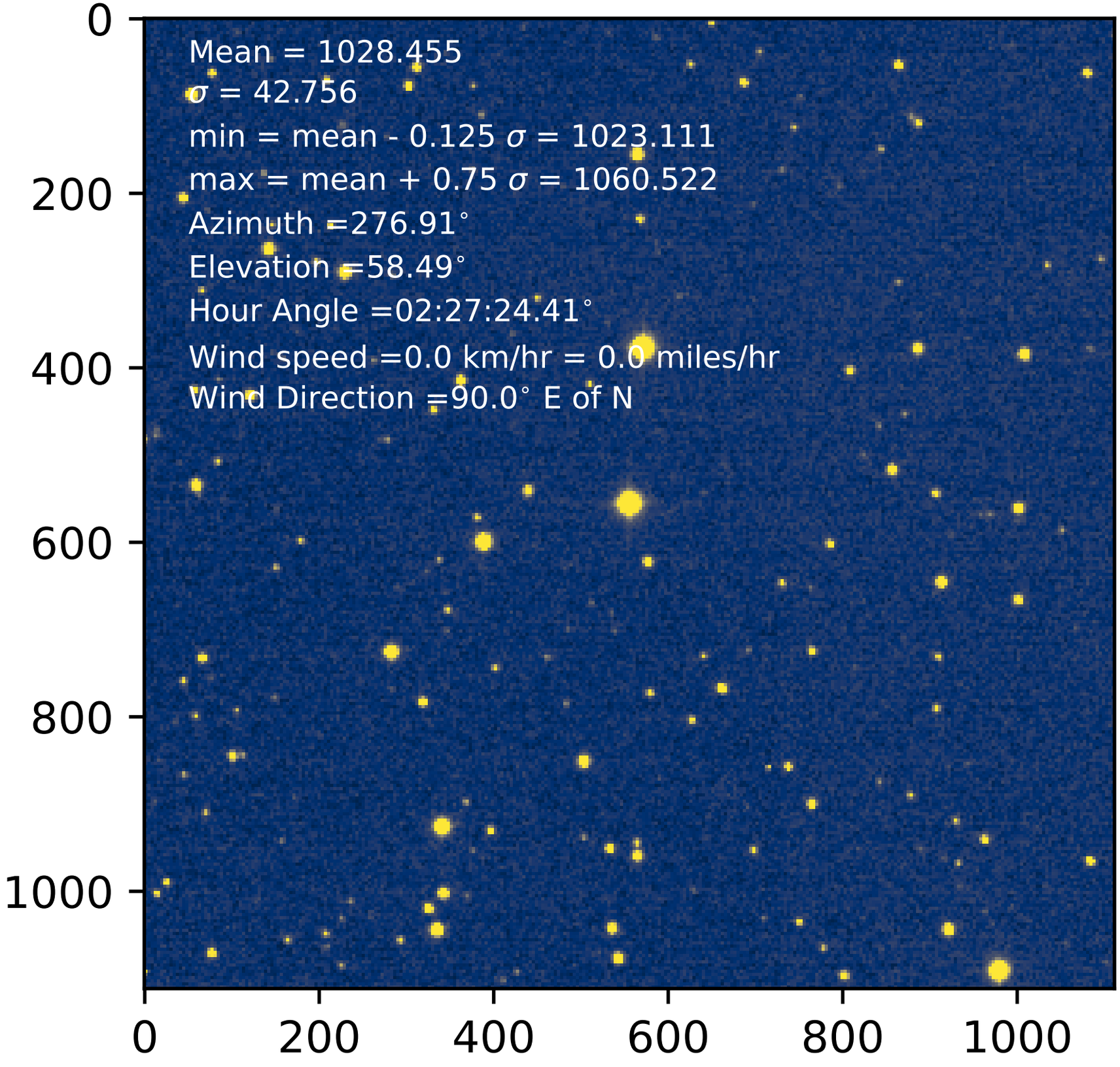
400
600
800
1000

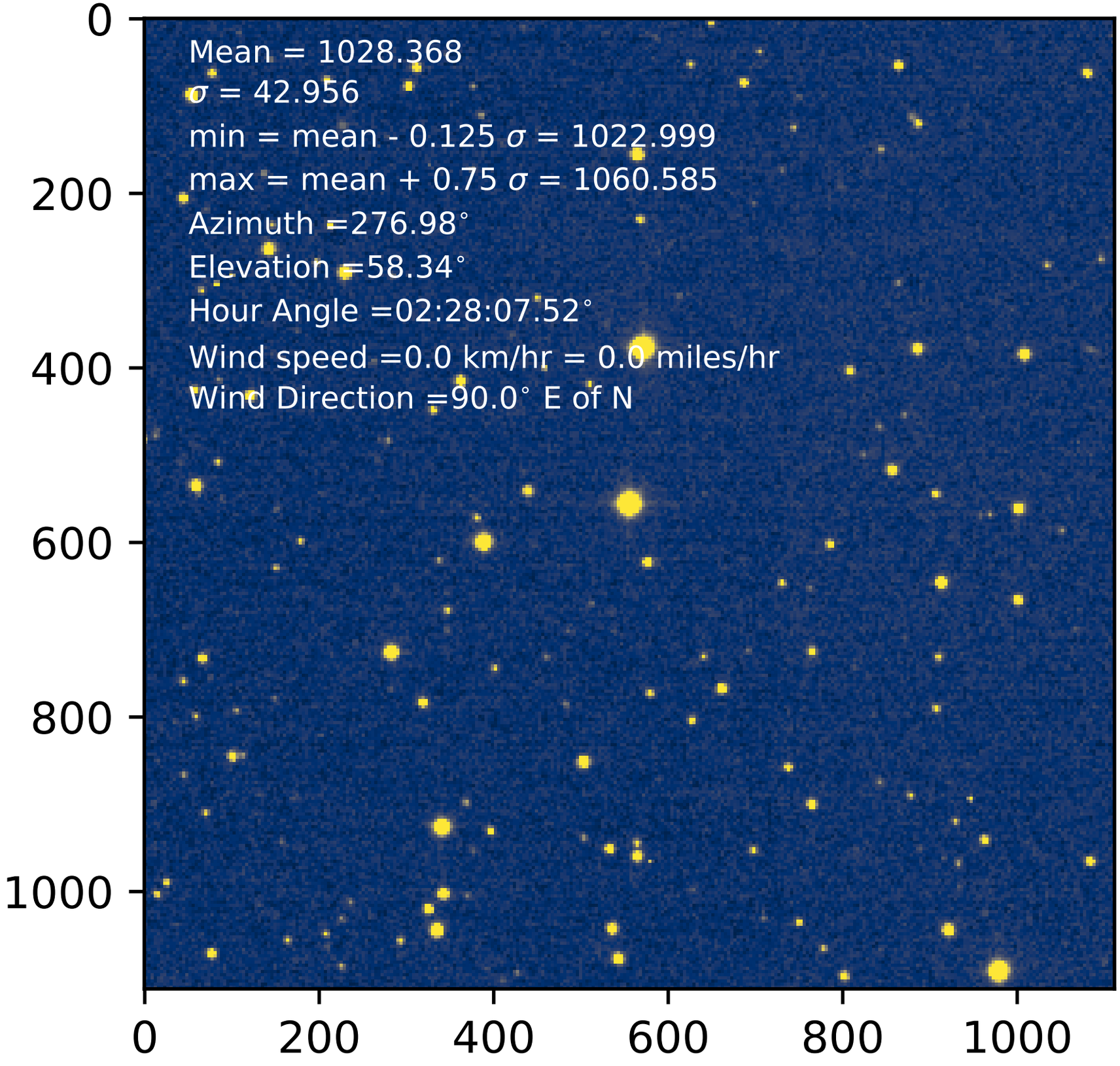

Mean = 1028.899
σ = 42.173
min = mean - 0.125 σ = 1023.628
max = mean + 0.75 σ = 1060.529
Azimuth =276.65°
Elevation =59.1°
Hour Angle =02:24:29.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

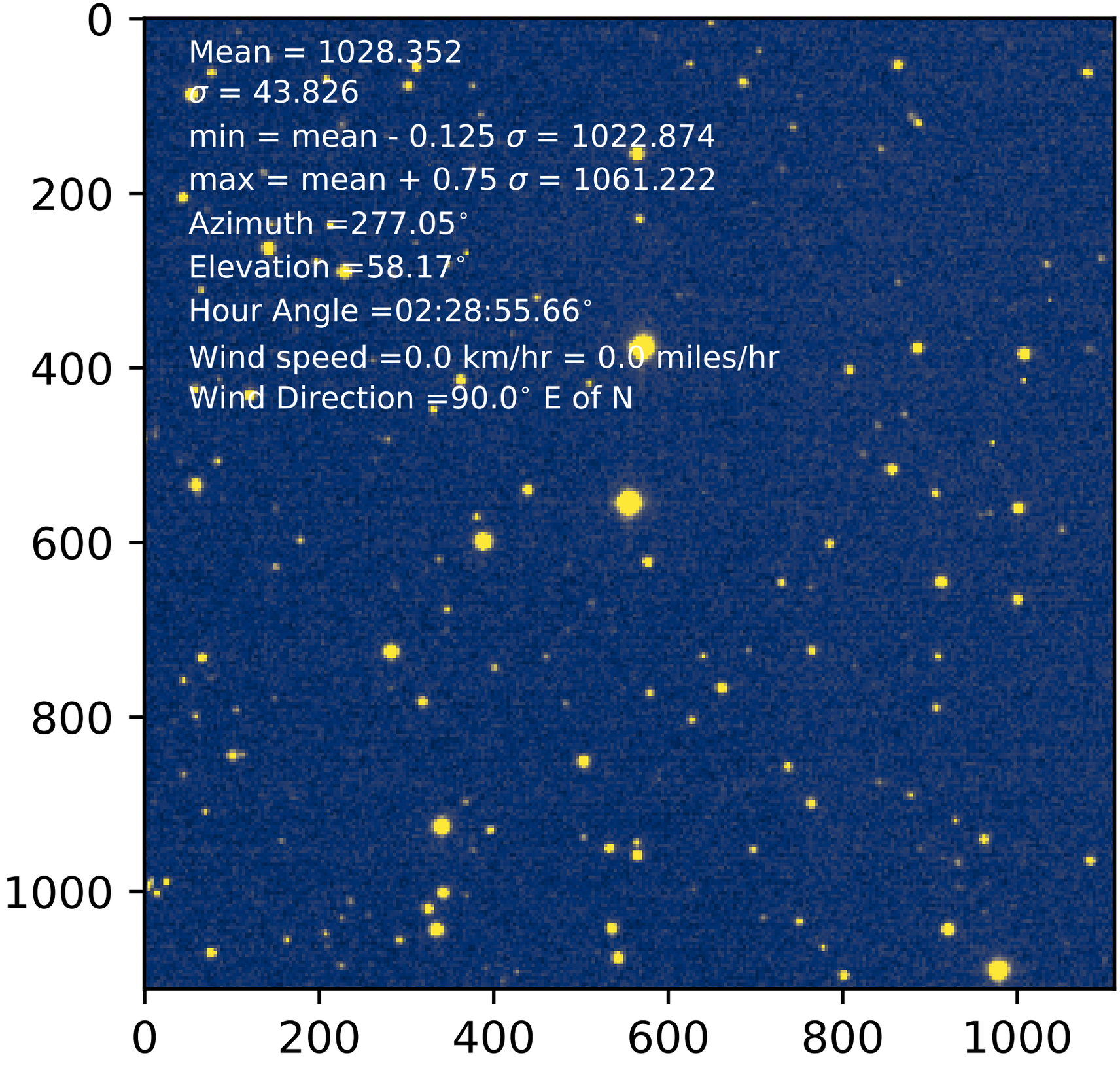

Mean = 1029.384
σ = 42.161
min = mean - 0.125 σ = 1024.114
max = mean + 0.75 σ = 1061.005
Azimuth =276.72°
Elevation =58.95°
Hour Angle =02:25:13.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

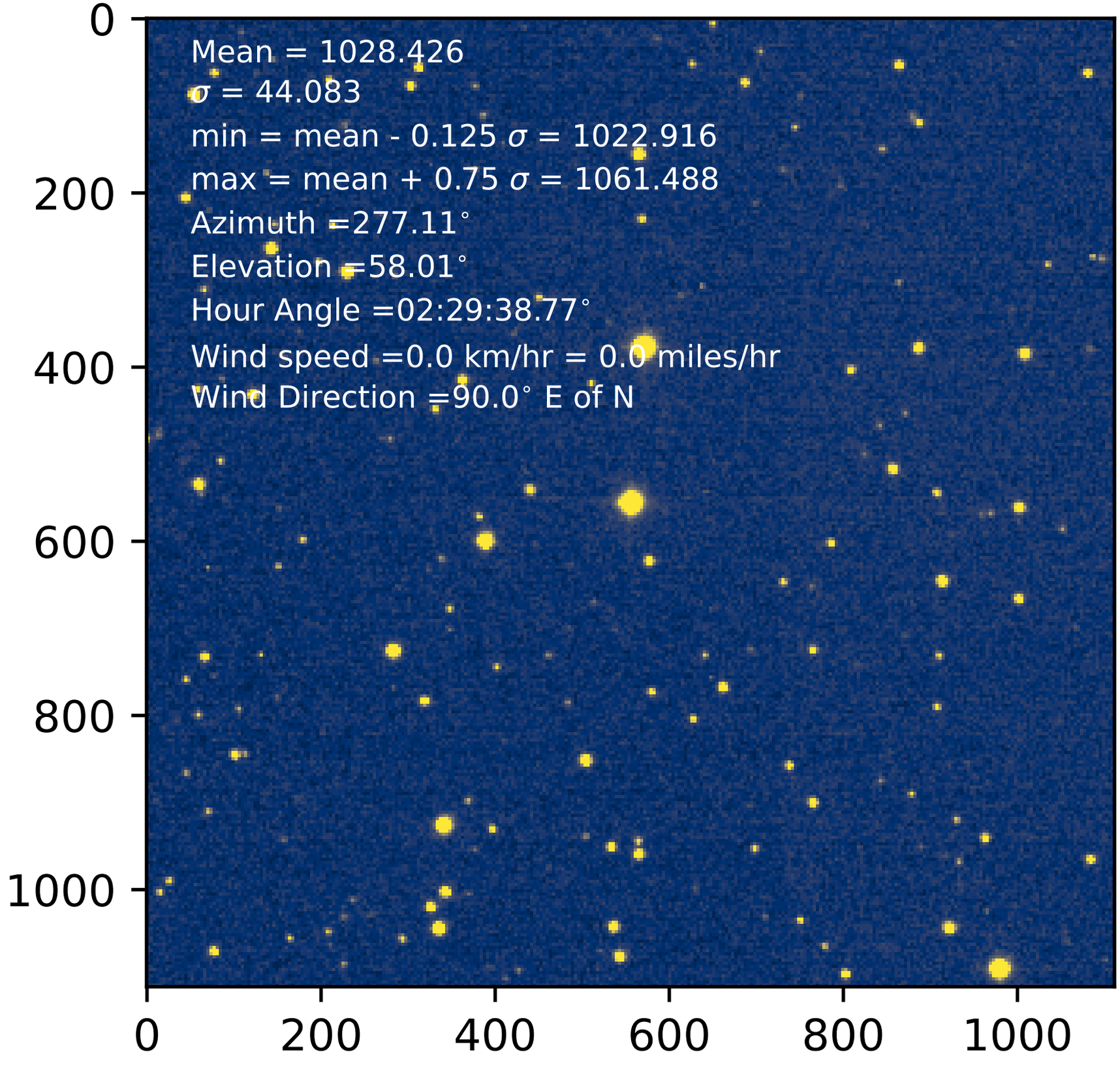

Mean = 1028.920
σ = 43.616
min = mean - 0.125 σ = 1023.468
max = mean + 0.75 σ = 1061.632
Azimuth =276.78°
Elevation =58.79°
Hour Angle =02:25:57.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

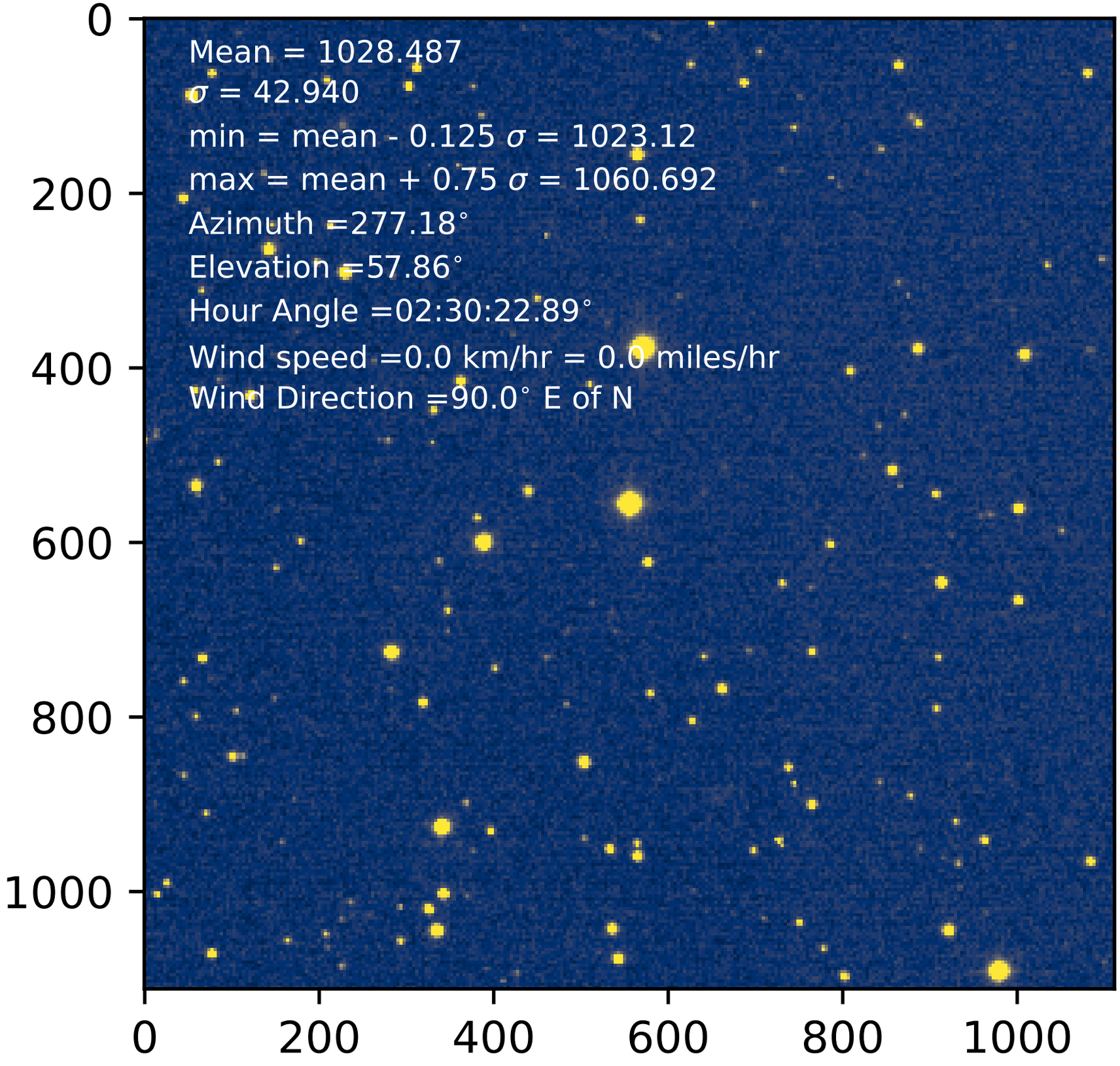

Mean = 1028.658
σ = 43.420
min = mean - 0.125 σ = 1023.231
max = mean + 0.75 σ = 1061.223
Azimuth =276.85°
Elevation =58.64°
Hour Angle =02:26:40.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

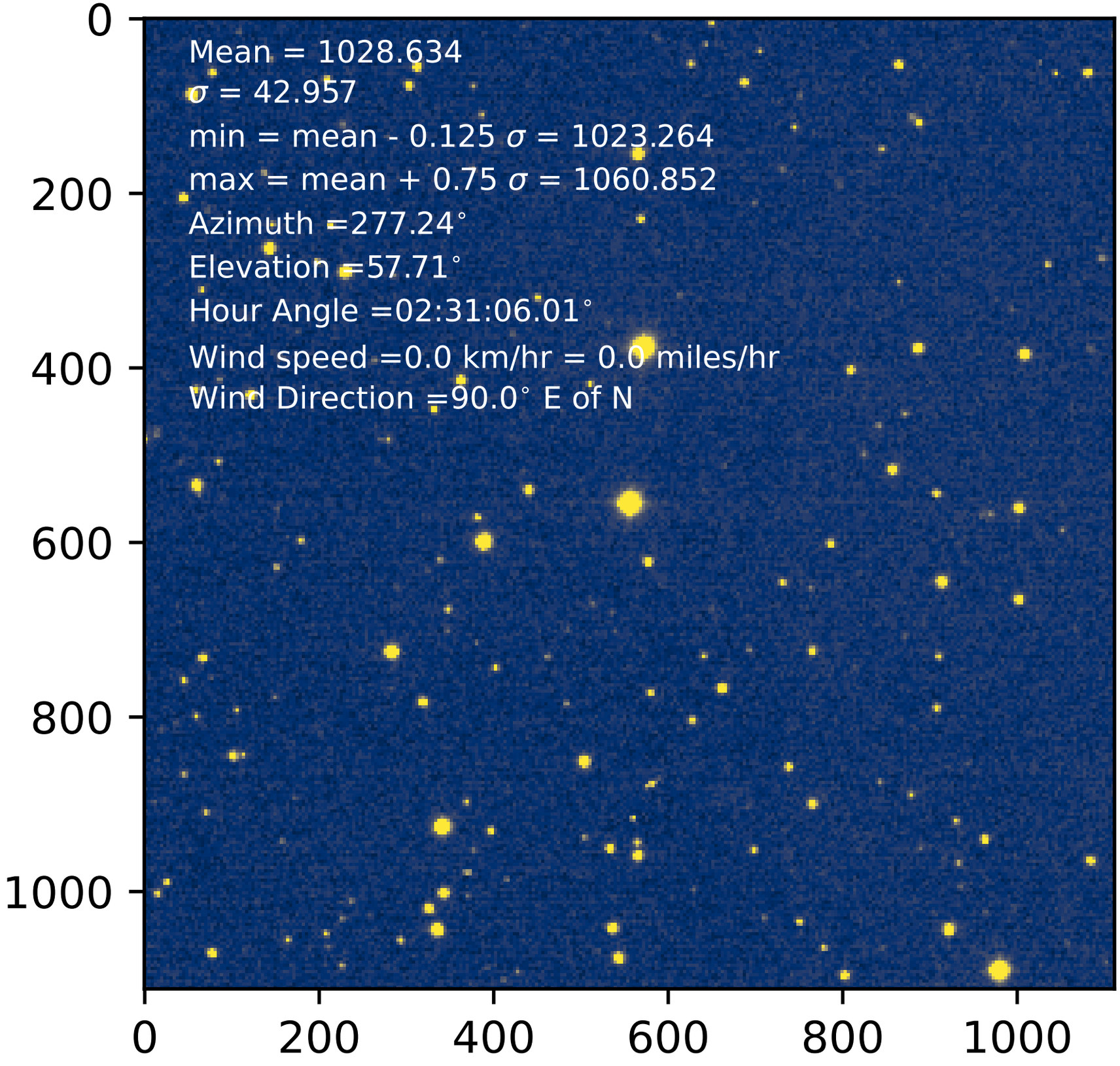

Mean = 1028.455
σ = 42.756
min = mean - 0.125 σ = 1023.111
max = mean + 0.75 σ = 1060.522
Azimuth =276.91°
Elevation =58.49°
Hour Angle =02:27:24.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

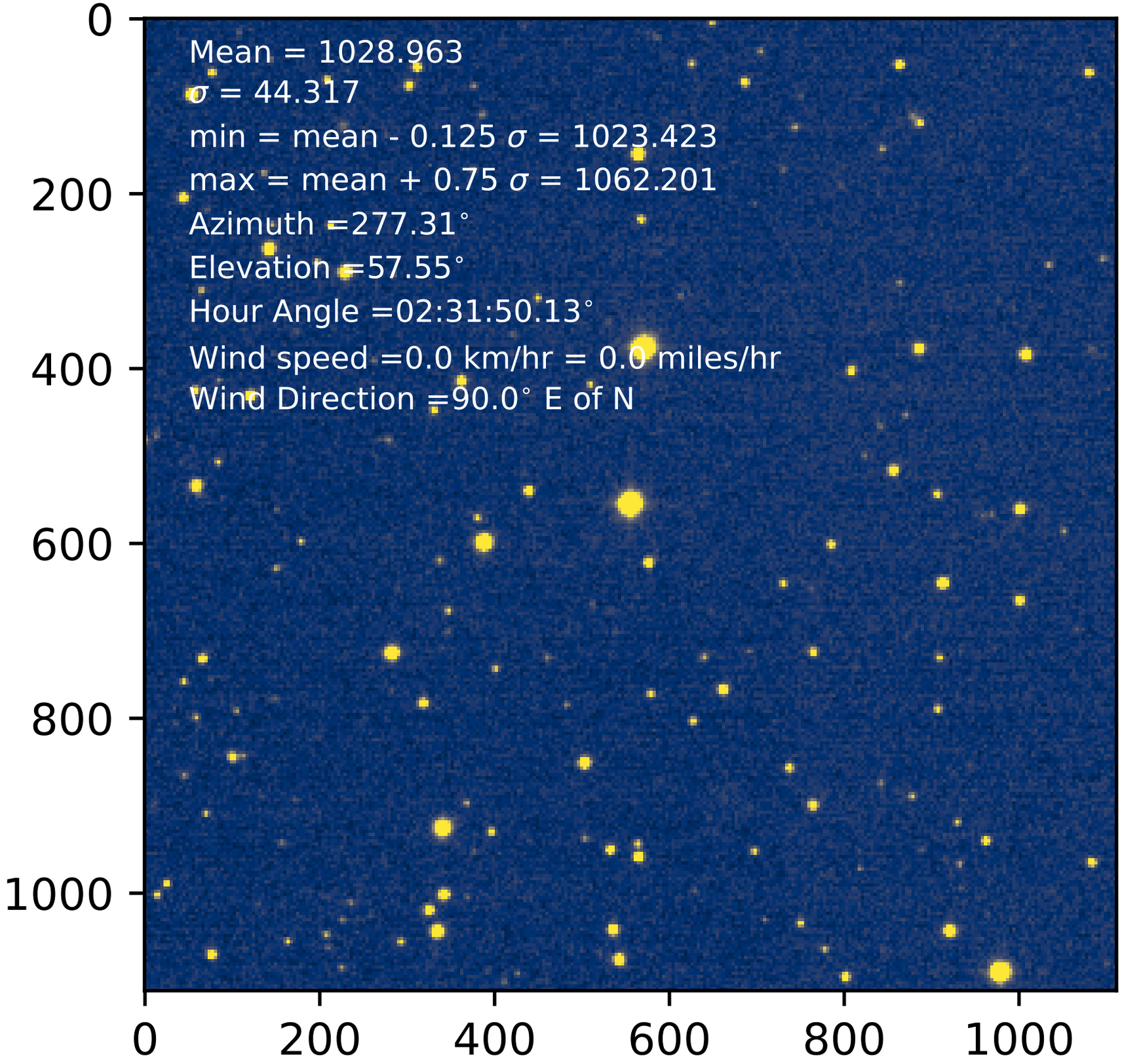

Mean = 1028.368
σ = 42.956
min = mean - 0.125 σ = 1022.999
max = mean + 0.75 σ = 1060.585
Azimuth =276.98°
Elevation =58.34°
Hour Angle =02:28:07.52°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

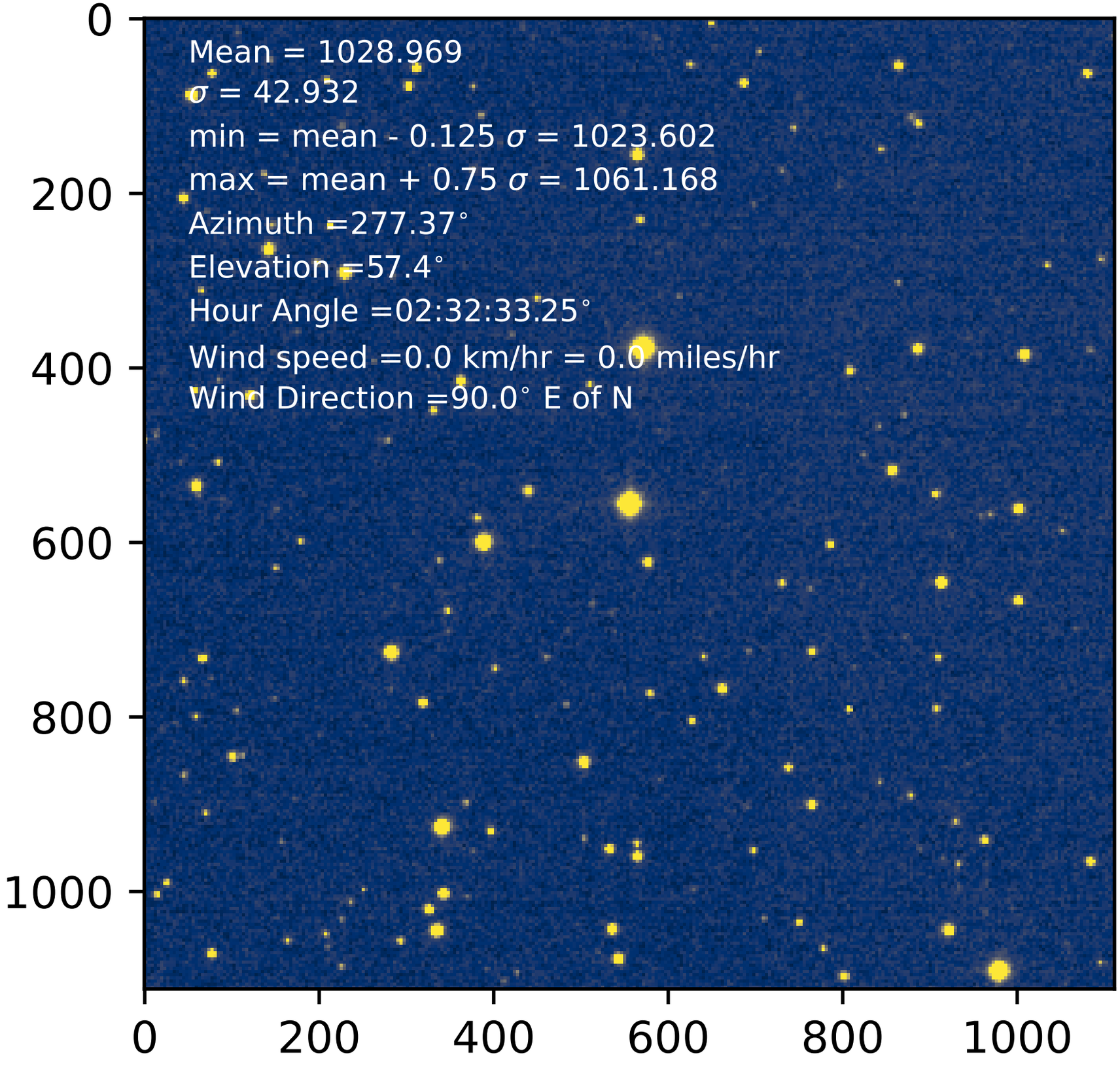

Mean = 1028.352
σ = 43.826
min = mean - 0.125 σ = 1022.874
max = mean + 0.75 σ = 1061.222
Azimuth =277.05°
Elevation =58.17°
Hour Angle =02:28:55.66°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

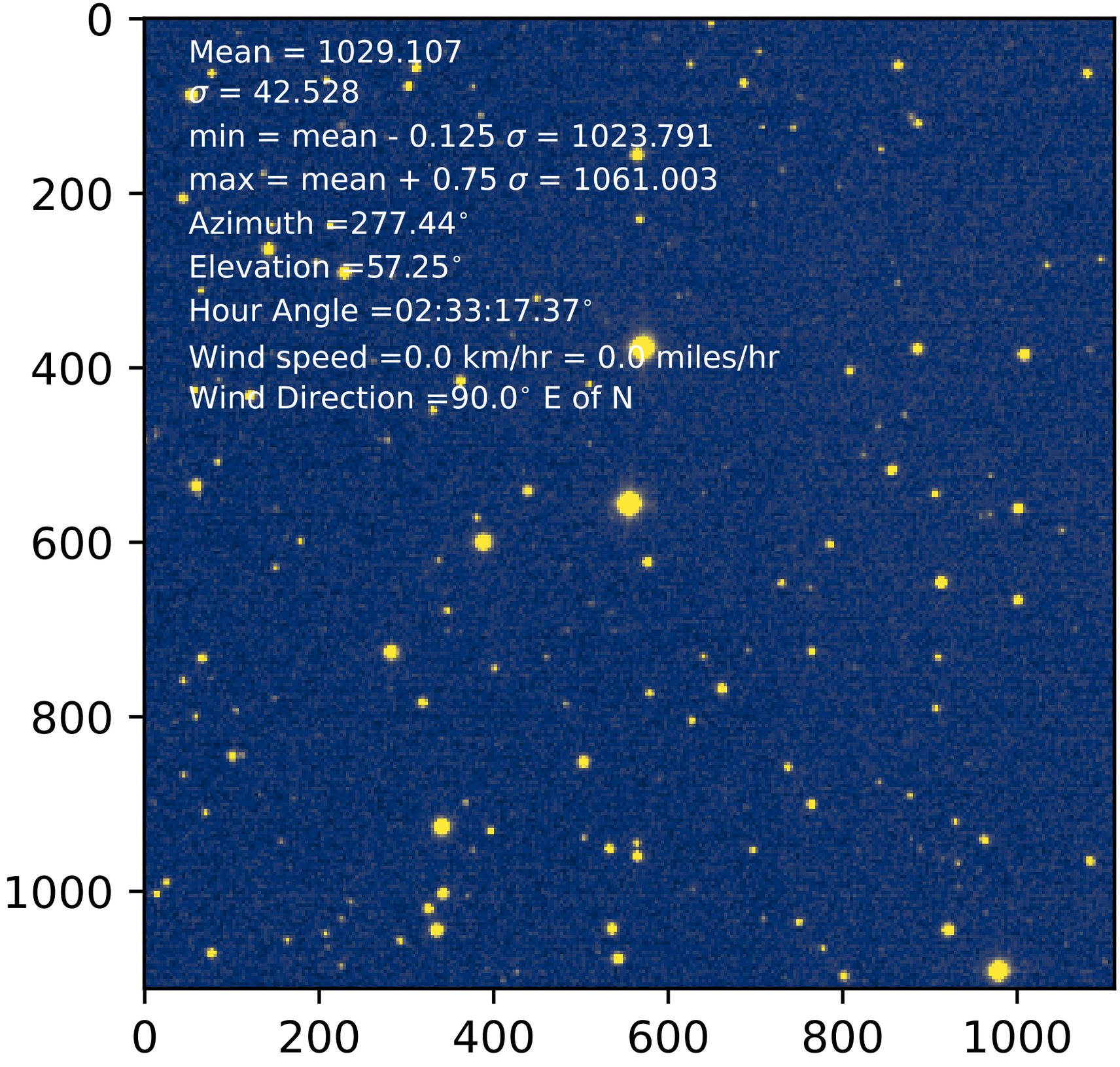

Mean = 1028.426
σ = 44.083
min = mean - 0.125 σ = 1022.916
max = mean + 0.75 σ = 1061.488
Azimuth =277.11°
Elevation =58.01°
Hour Angle =02:29:38.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

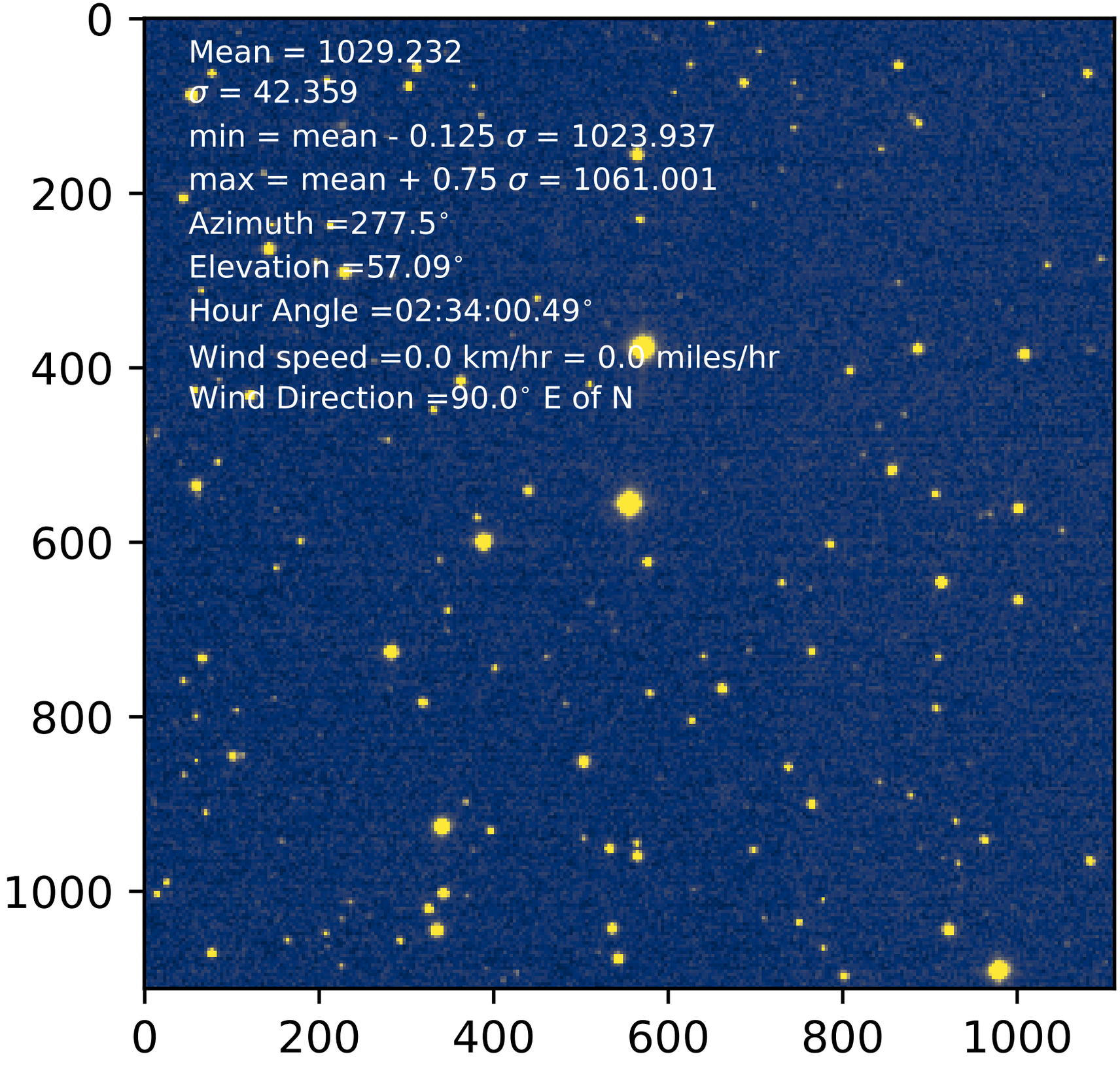

Mean = 1028.487
σ = 42.940
min = mean - 0.125 σ = 1023.12
max = mean + 0.75 σ = 1060.692
Azimuth =277.18°
Elevation =57.86°
Hour Angle =02:30:22.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

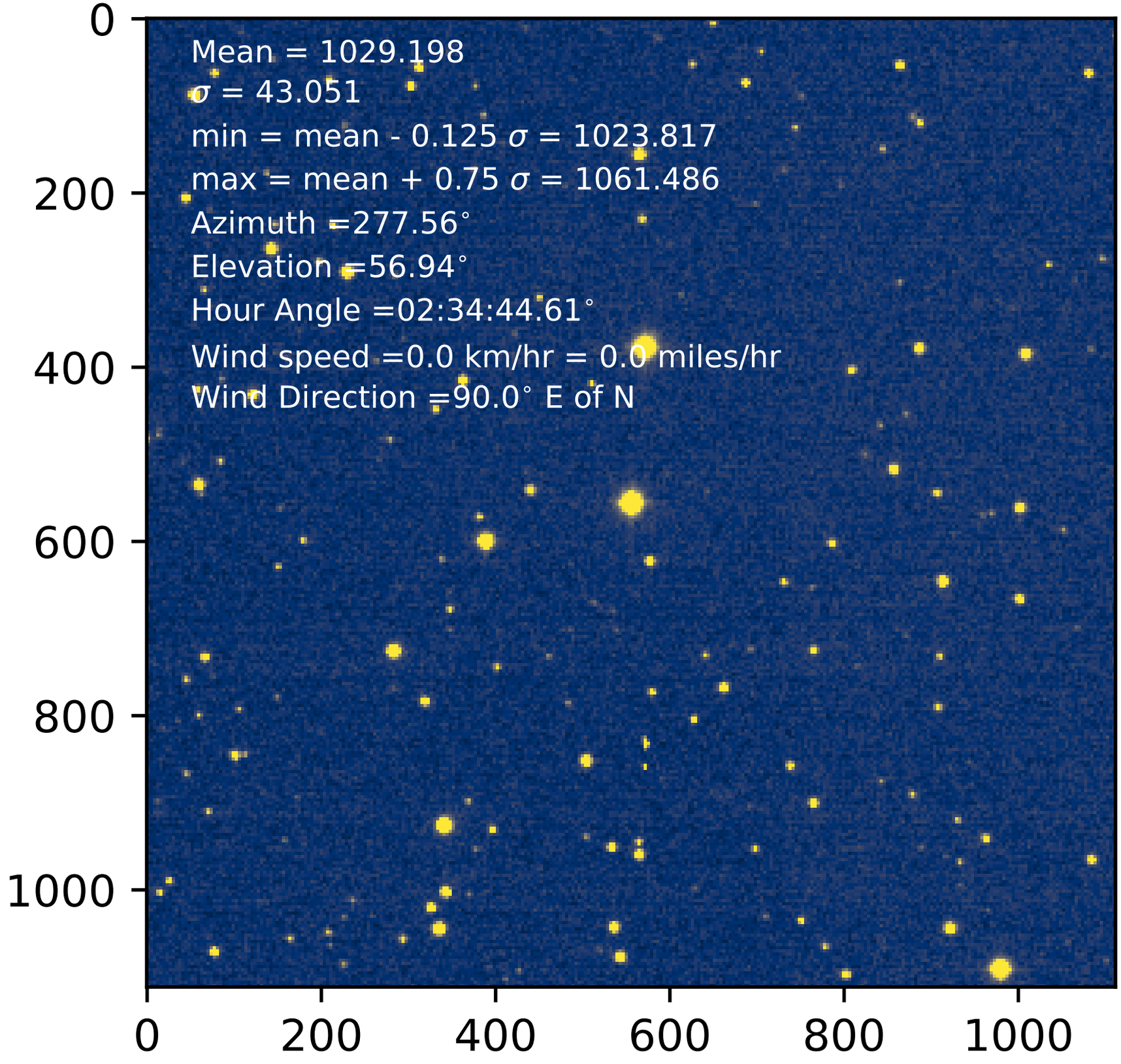

Mean = 1028.634
σ = 42.957
min = mean - 0.125 σ = 1023.264
max = mean + 0.75 σ = 1060.852
Azimuth =277.24°
Elevation =57.71°
Hour Angle =02:31:06.01°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

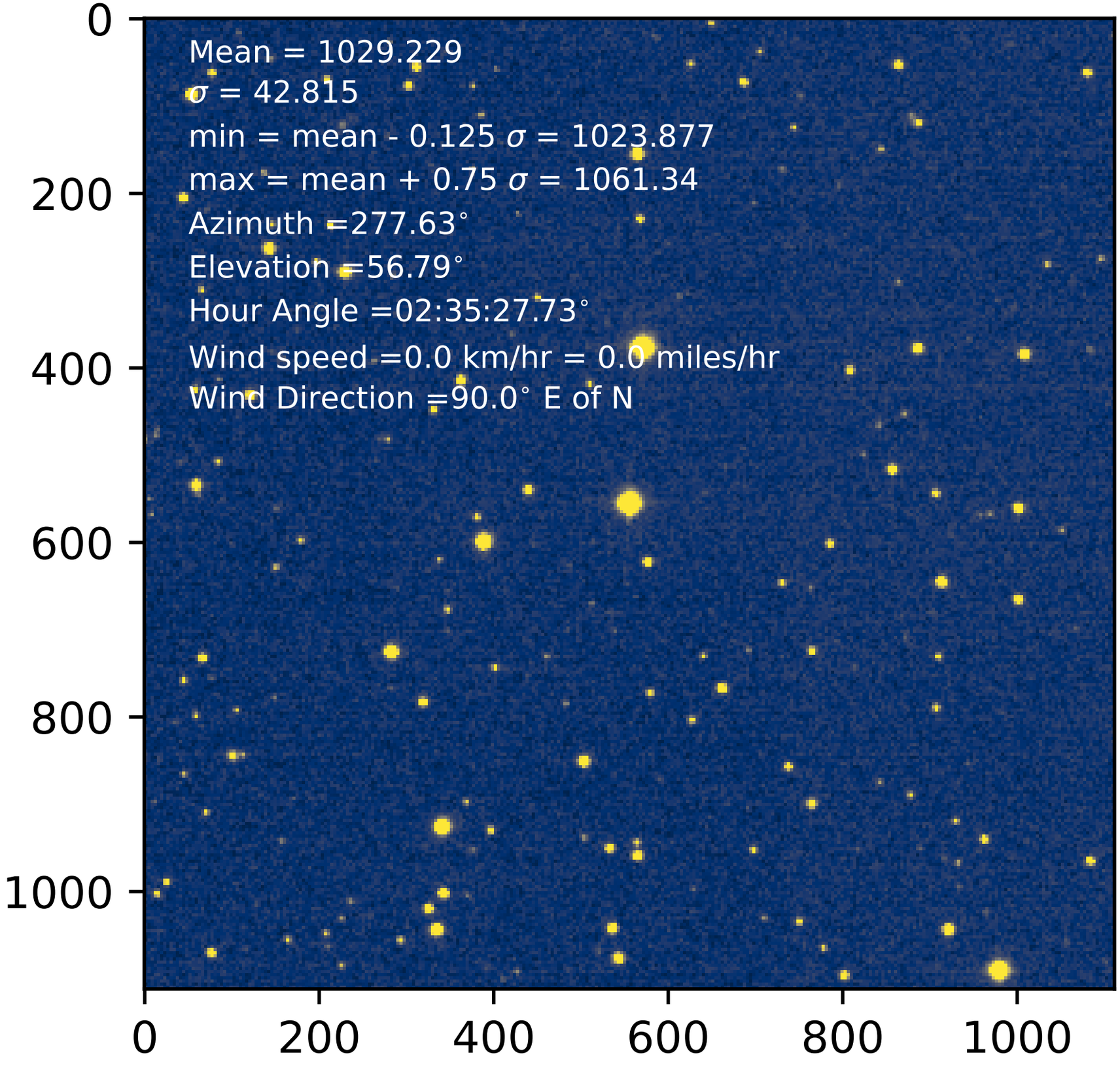

Mean = 1028.963
σ = 44.317
min = mean - 0.125 σ = 1023.423
max = mean + 0.75 σ = 1062.201
Azimuth =277.31°
Elevation =57.55°
Hour Angle =02:31:50.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

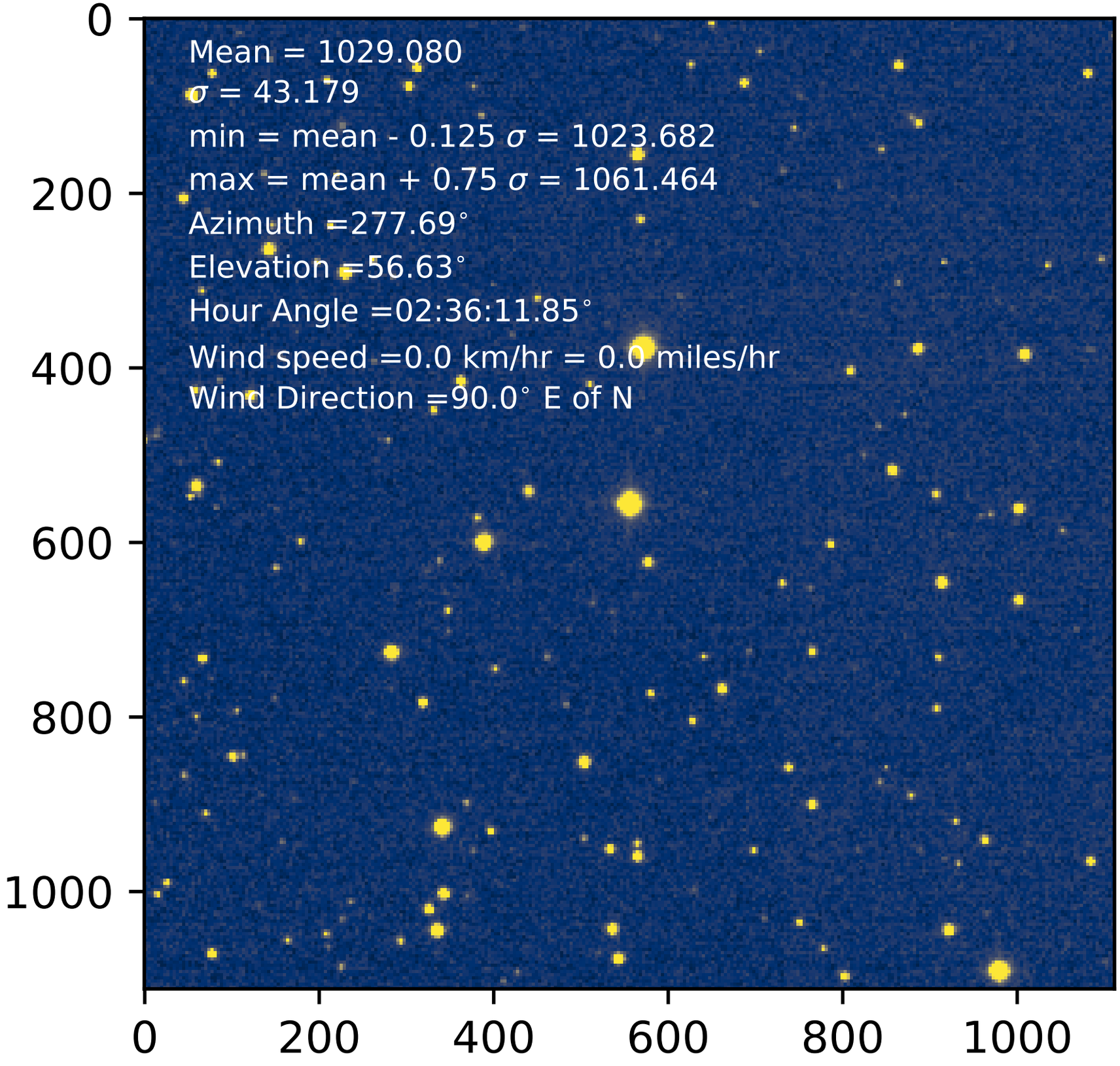

Mean = 1028.969
σ = 42.932
min = mean - 0.125 σ = 1023.602
max = mean + 0.75 σ = 1061.168
Azimuth =277.37°
Elevation =57.4°
Hour Angle =02:32:33.25°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

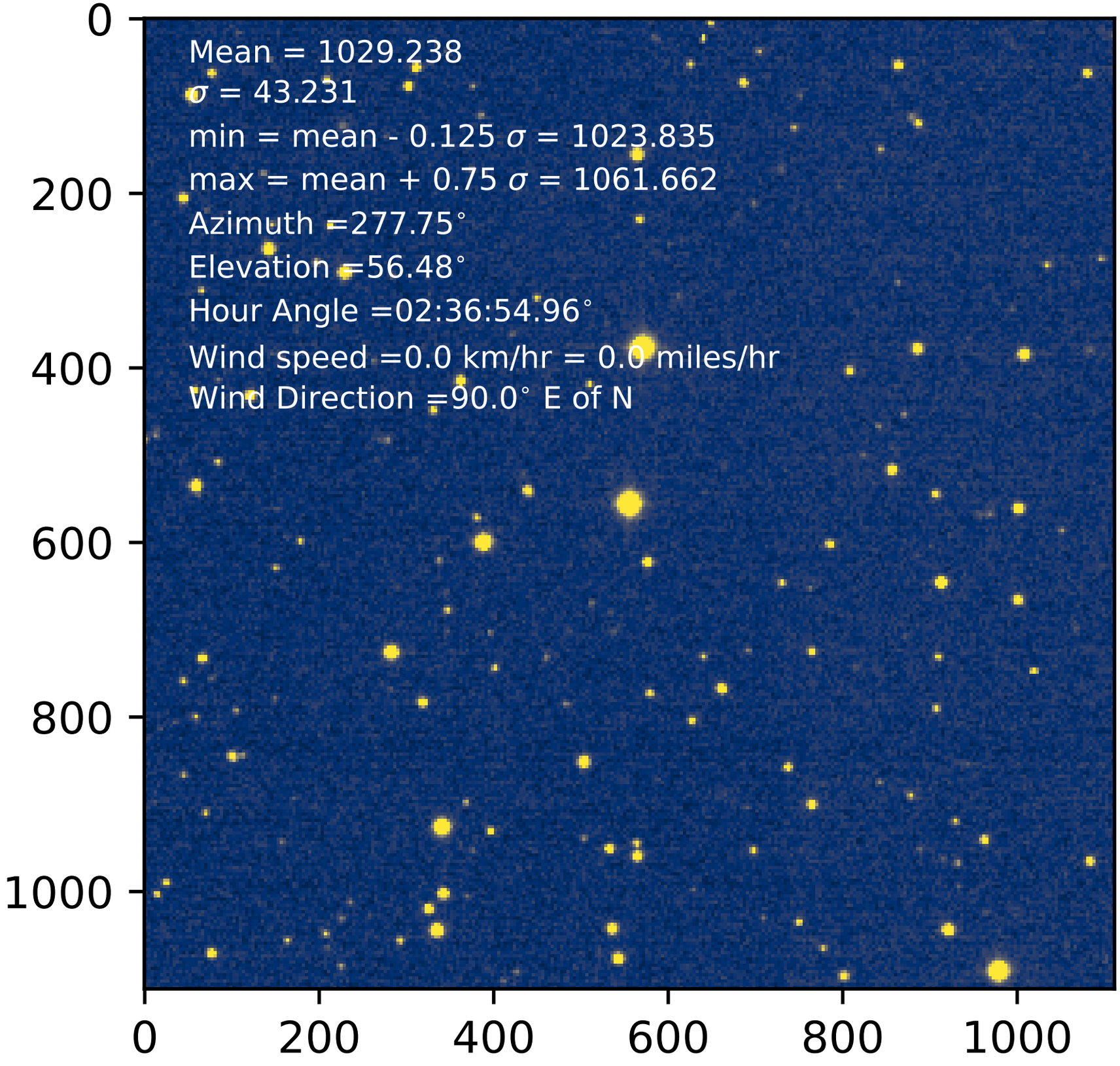

Mean = 1029.107
σ = 42.528
min = mean - 0.125 σ = 1023.791
max = mean + 0.75 σ = 1061.003
Azimuth =277.44°
Elevation =57.25°
Hour Angle =02:33:17.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

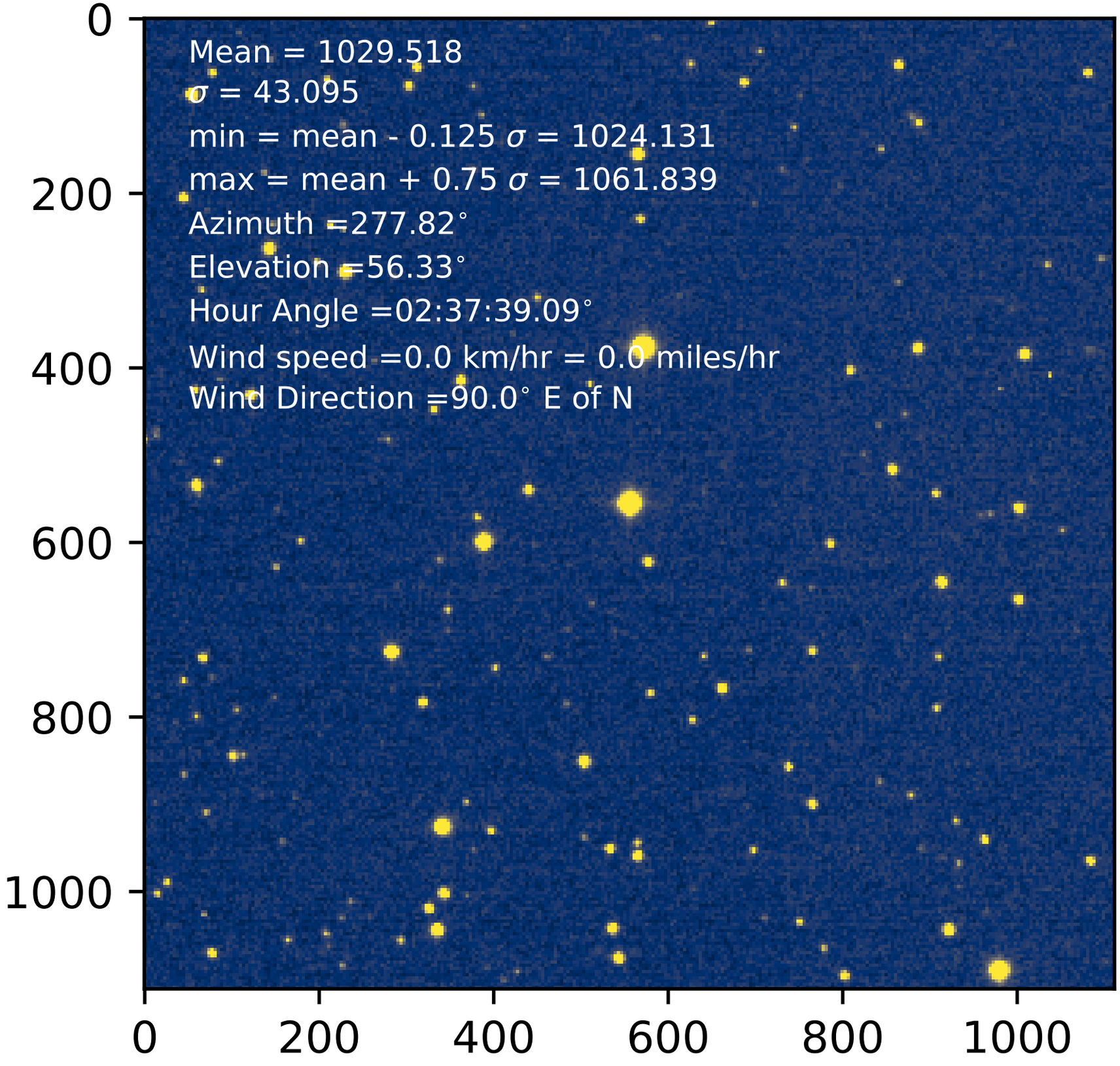

Mean = 1029.232
σ = 42.359
min = mean - 0.125 σ = 1023.937
max = mean + 0.75 σ = 1061.001
Azimuth =277.5°
Elevation =57.09°
Hour Angle =02:34:00.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

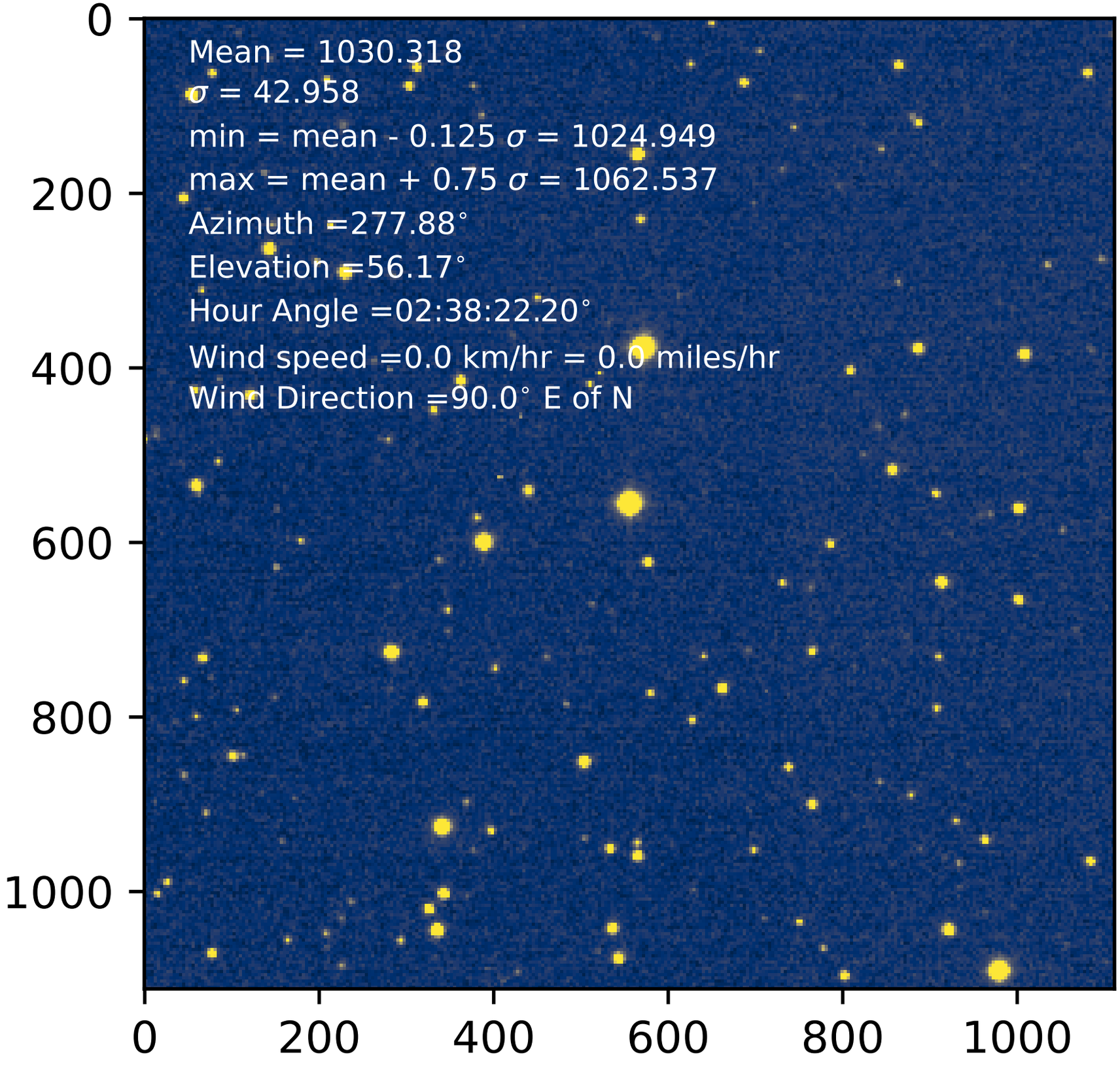

Mean = 1029.198
σ = 43.051
min = mean - 0.125 σ = 1023.817
max = mean + 0.75 σ = 1061.486
Azimuth =277.56°
Elevation =56.94°
Hour Angle =02:34:44.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

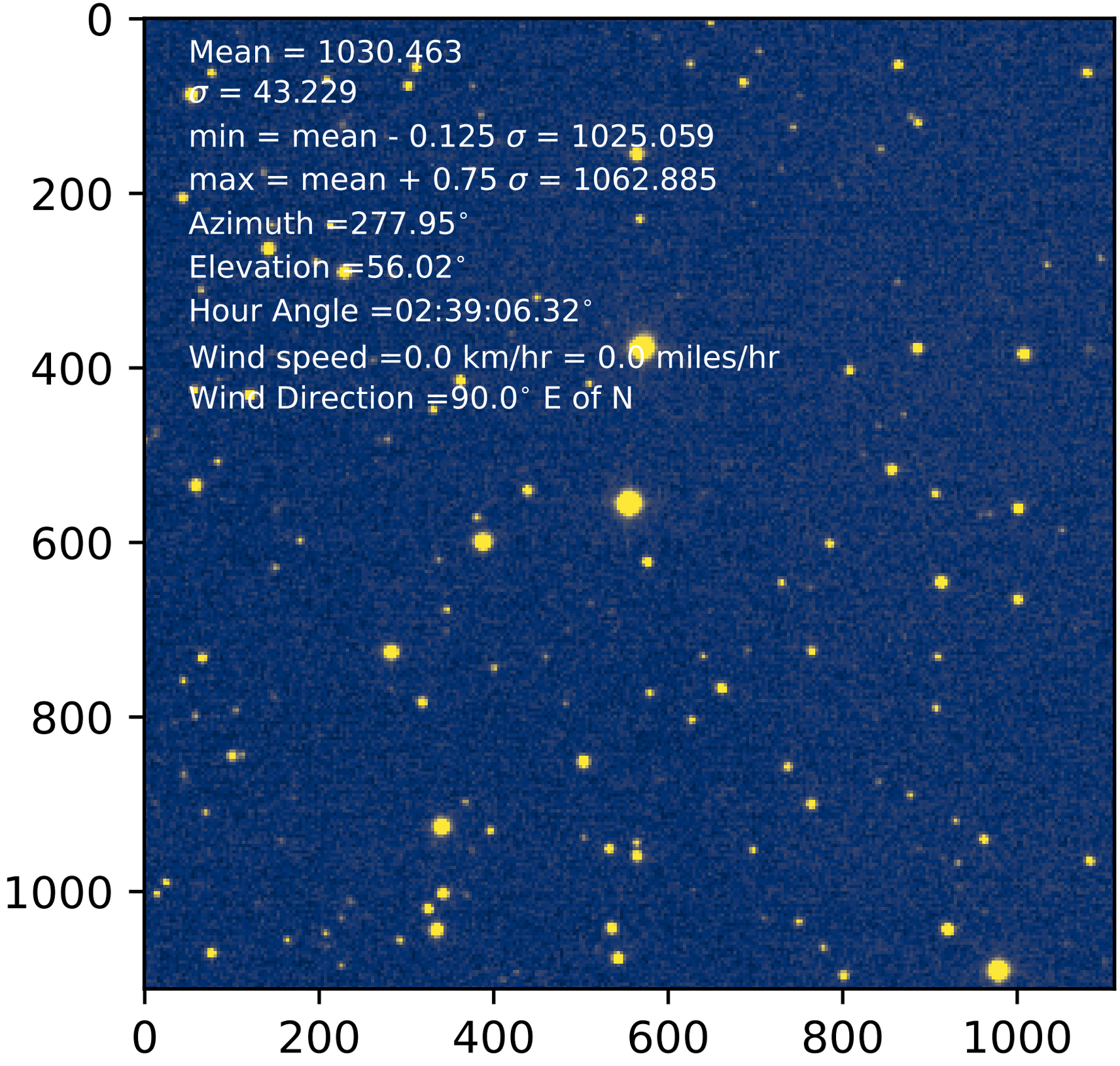

Mean = 1029.229
σ = 42.815
min = mean - 0.125 σ = 1023.877
max = mean + 0.75 σ = 1061.34
Azimuth =277.63°
Elevation =56.79°
Hour Angle =02:35:27.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

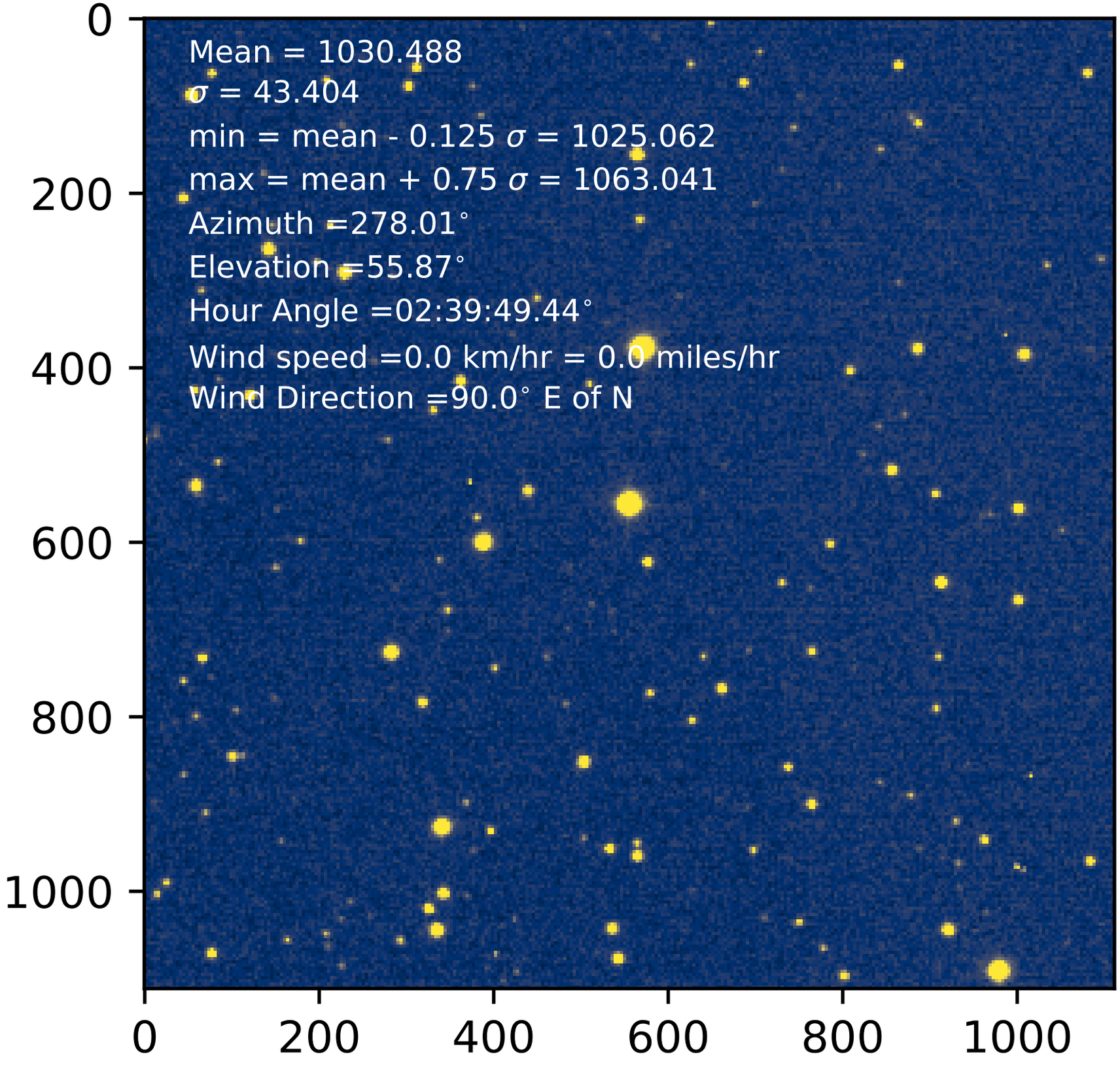

Mean = 1029.080
σ = 43.179
min = mean - 0.125 σ = 1023.682
max = mean + 0.75 σ = 1061.464
Azimuth =277.69°
Elevation =56.63°
Hour Angle =02:36:11.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

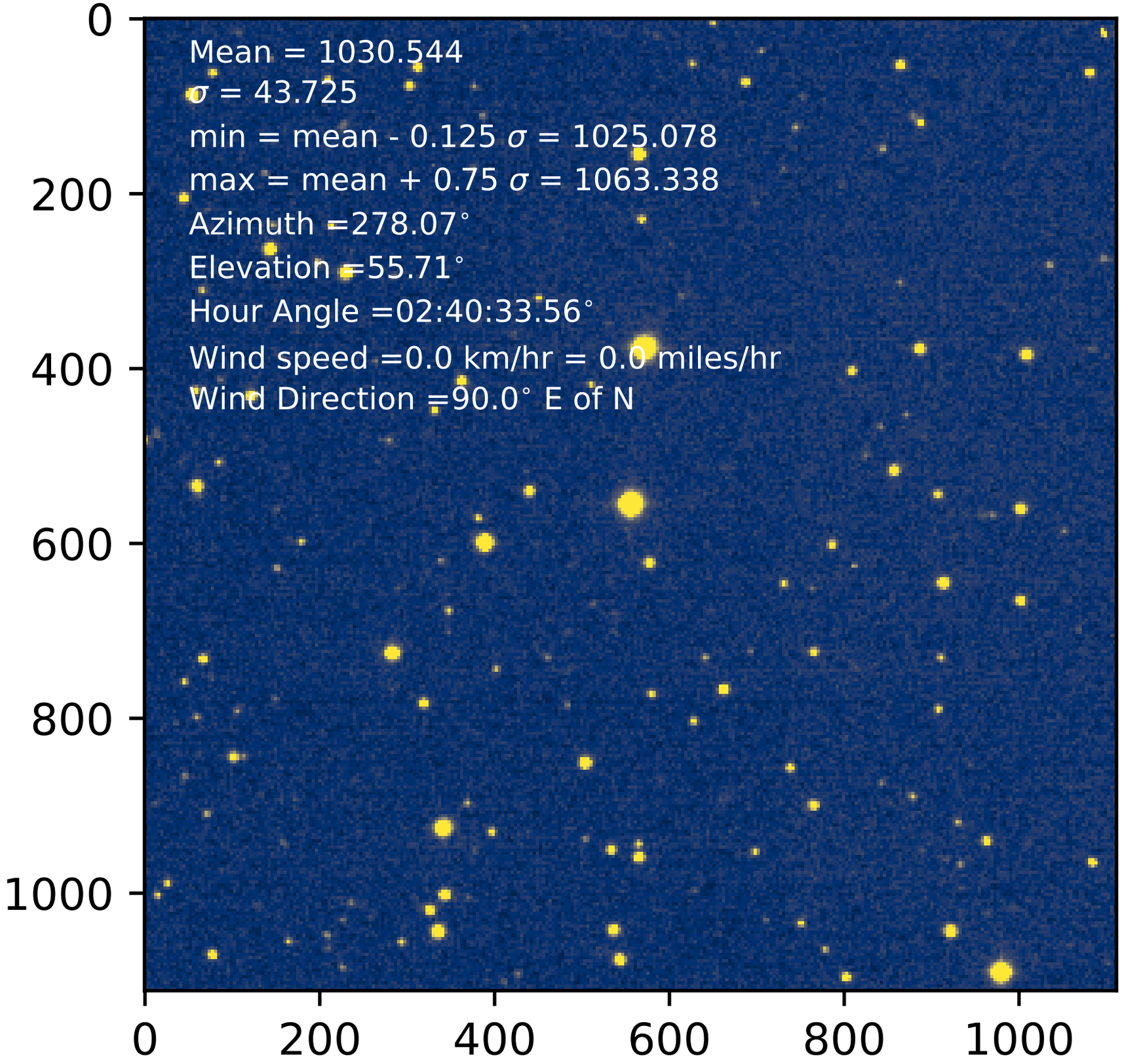

Mean = 1029.238
σ = 43.231
min = mean - 0.125 σ = 1023.835
max = mean + 0.75 σ = 1061.662
Azimuth =277.75°
Elevation =56.48°
Hour Angle =02:36:54.96°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

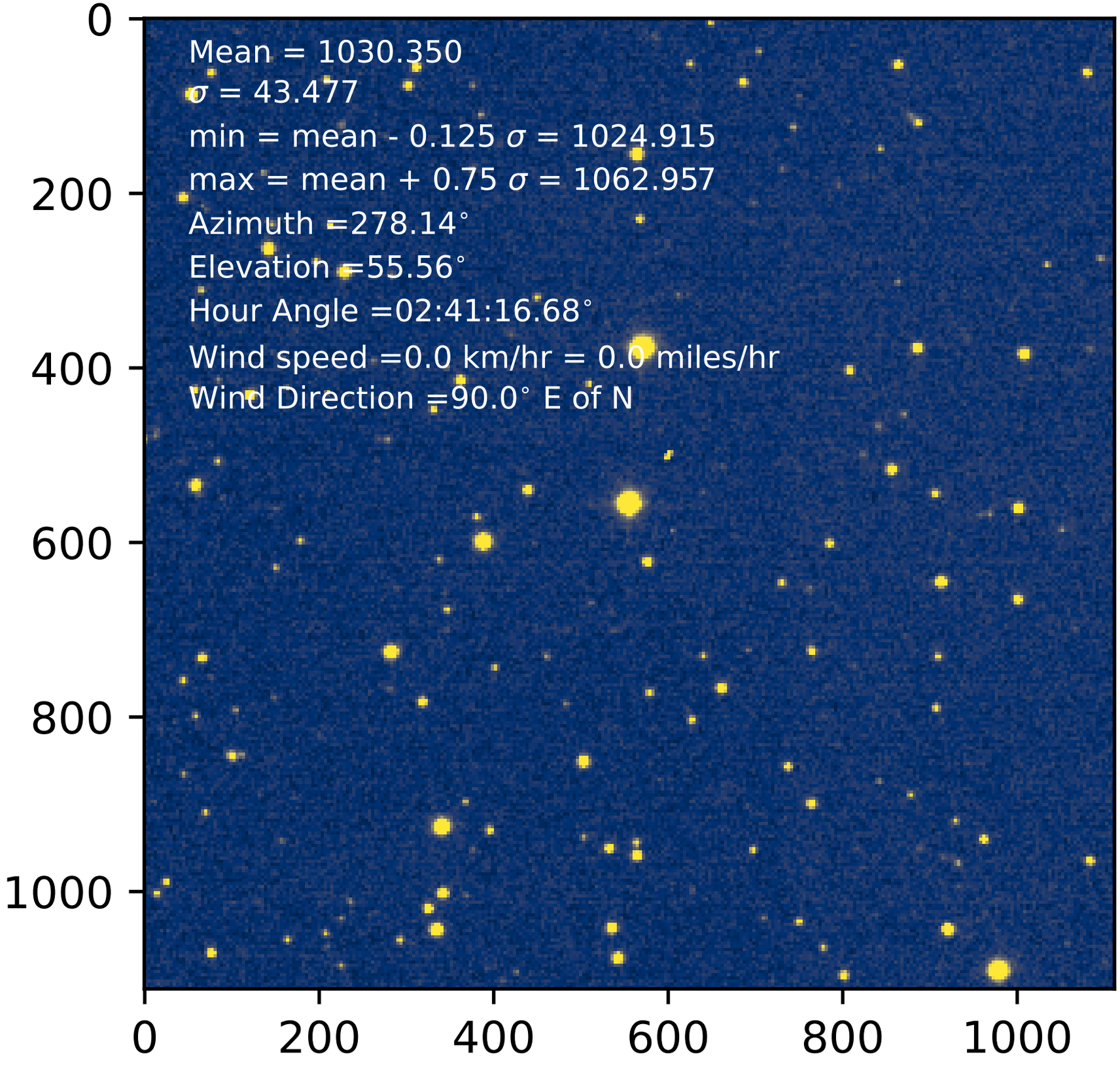

Mean = 1029.518
σ = 43.095
min = mean - 0.125 σ = 1024.131
max = mean + 0.75 σ = 1061.839
Azimuth =277.82°
Elevation =56.33°
Hour Angle =02:37:39.09°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

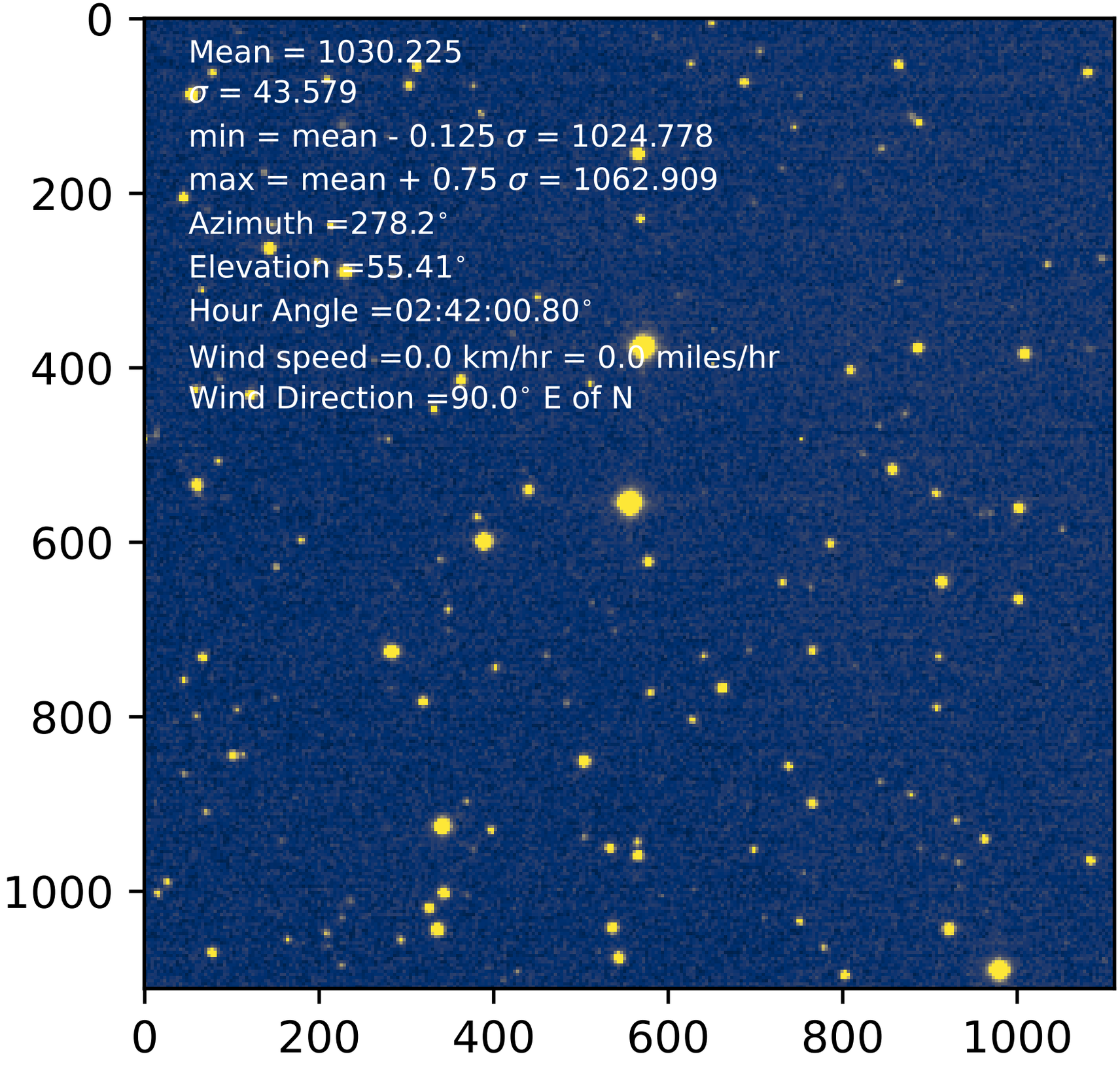

Mean = 1030.318
σ = 42.958
min = mean - 0.125 σ = 1024.949
max = mean + 0.75 σ = 1062.537
Azimuth =277.88°
Elevation =56.17°
Hour Angle =02:38:22.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

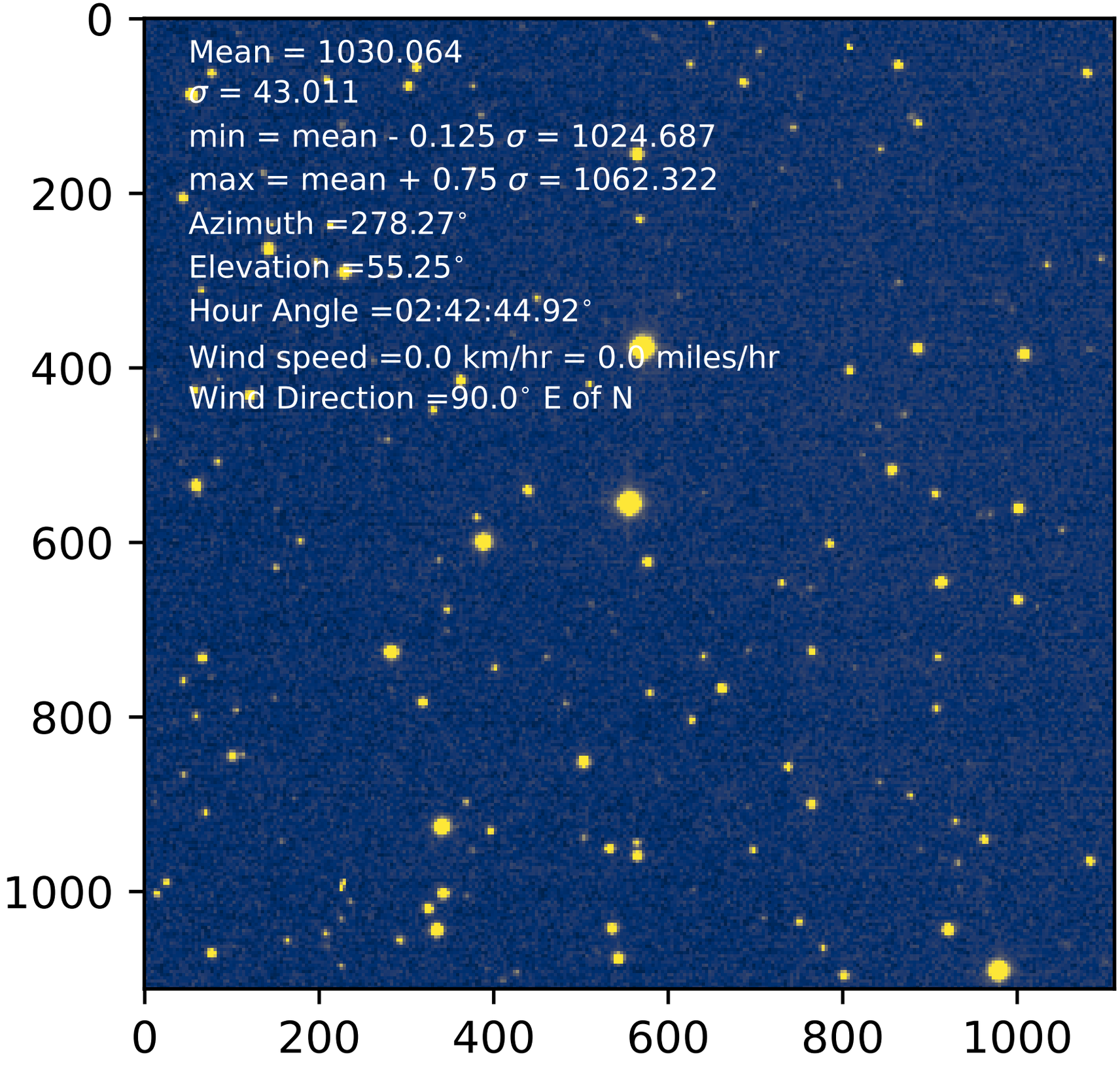

Mean = 1030.463
σ = 43.229
min = mean - 0.125 σ = 1025.059
max = mean + 0.75 σ = 1062.885
Azimuth =277.95°
Elevation =56.02°
Hour Angle =02:39:06.32°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

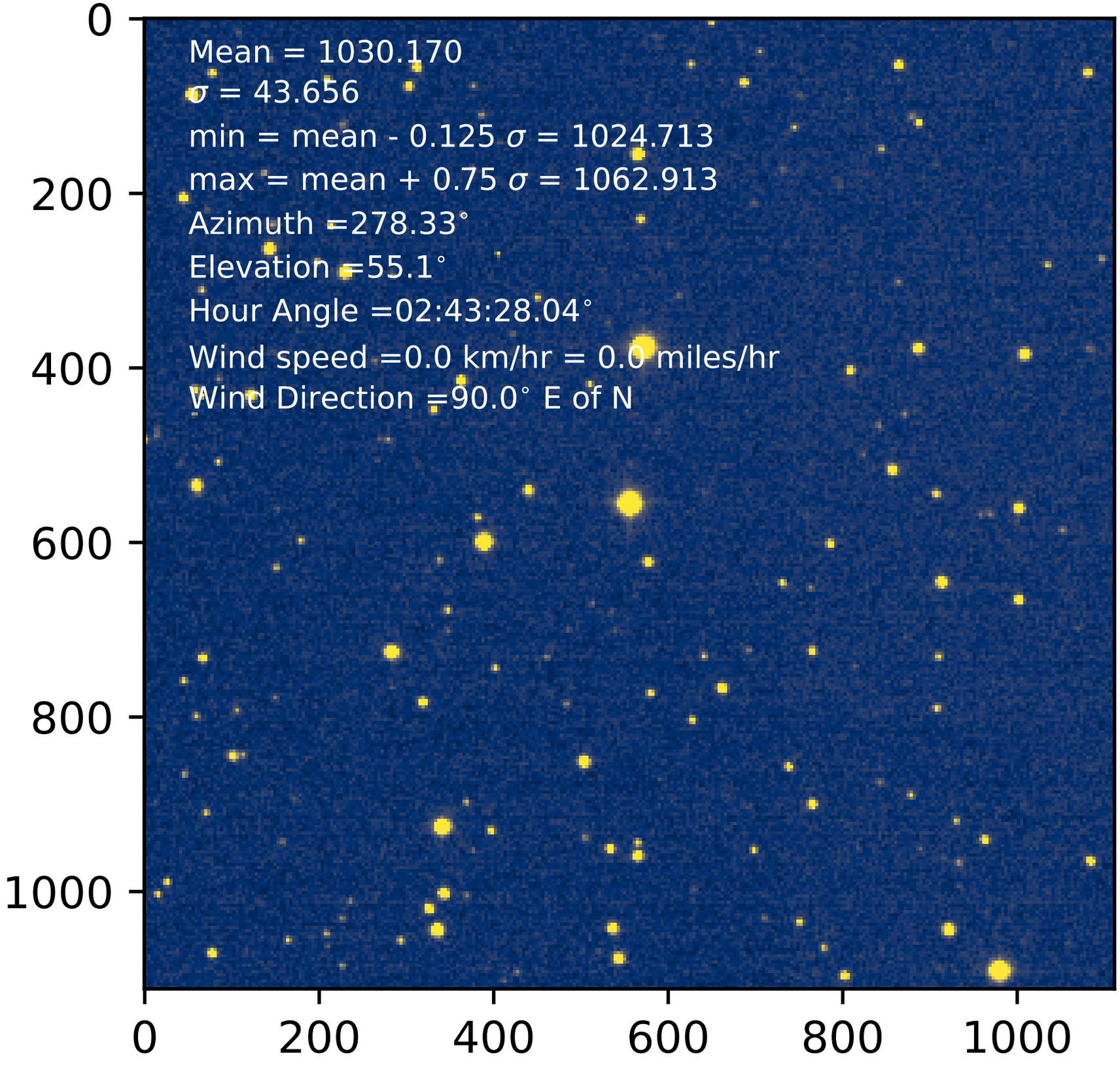

Mean = 1030.488
σ = 43.404
min = mean - 0.125 σ = 1025.062
max = mean + 0.75 σ = 1063.041
Azimuth =278.01°
Elevation =55.87°
Hour Angle =02:39:49.44°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

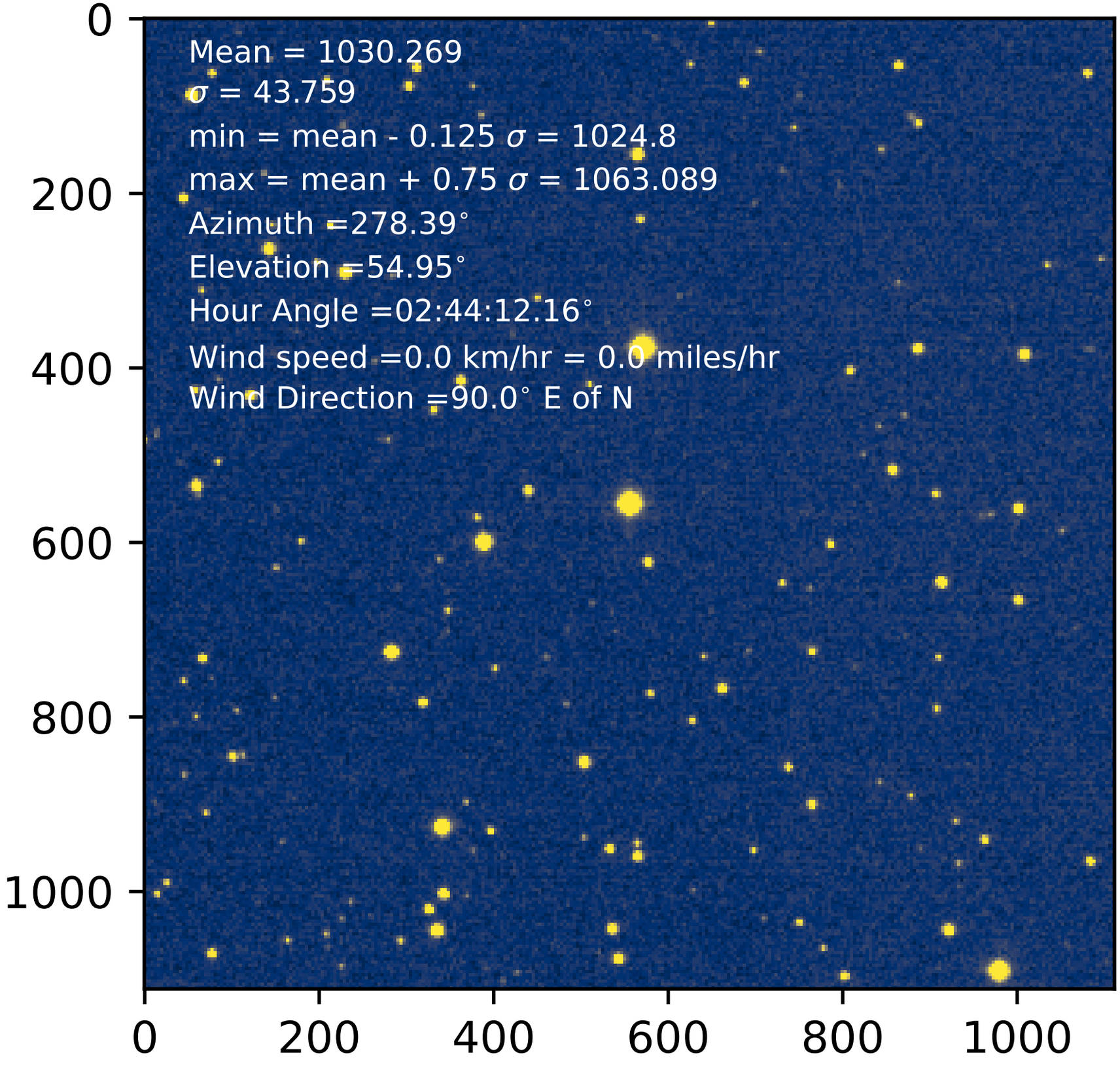

Mean = 1030.544
σ = 43.725
min = mean - 0.125 σ = 1025.078
max = mean + 0.75 σ = 1063.338
Azimuth =278.07°
Elevation =55.71°
Hour Angle =02:40:33.56°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

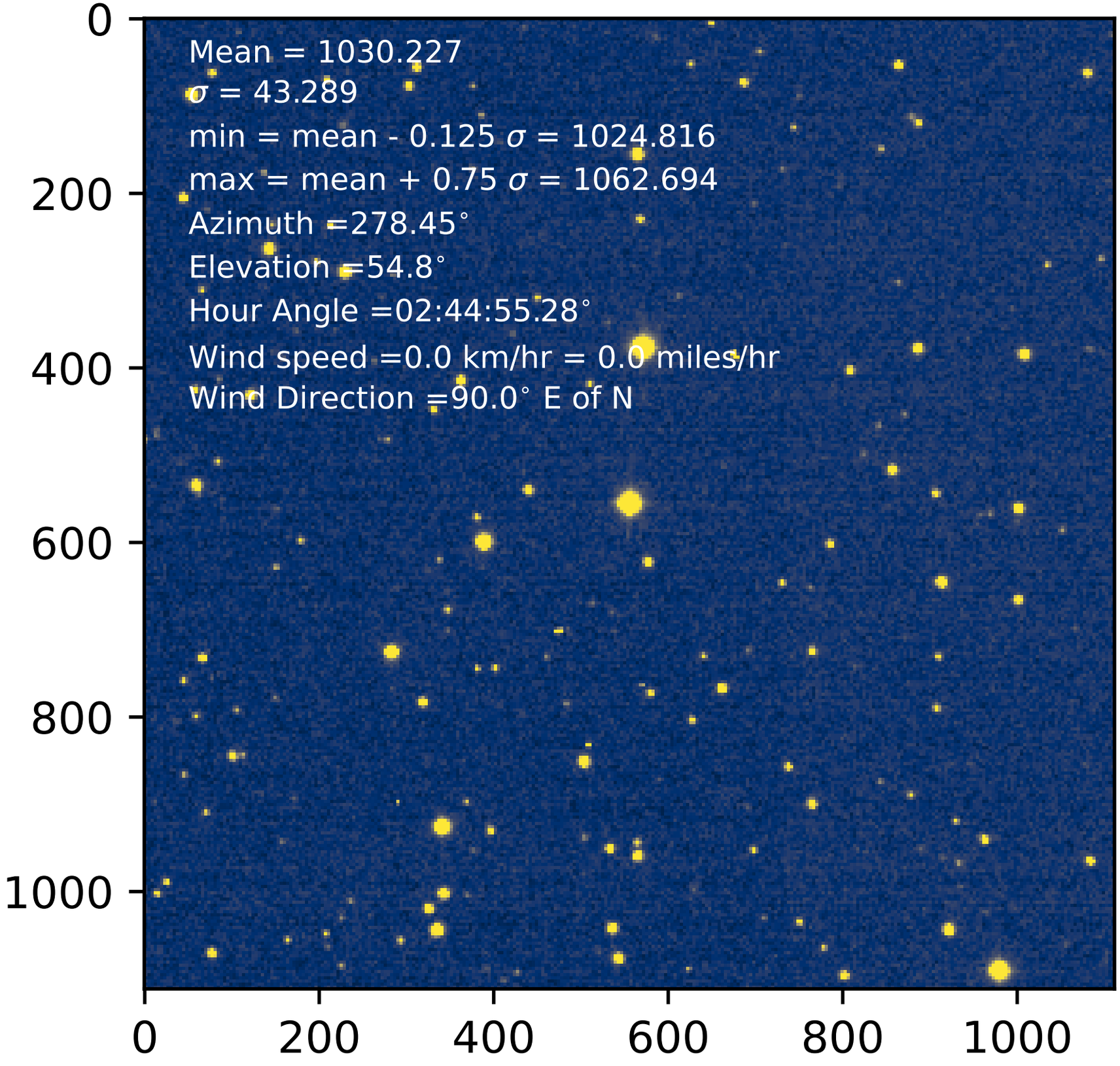

Mean = 1030.350
σ = 43.477
min = mean - 0.125 σ = 1024.915
max = mean + 0.75 σ = 1062.957
Azimuth =278.14°
Elevation =55.56°
Hour Angle =02:41:16.68°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1030.225
σ = 43.579
min = mean - 0.125 σ = 1024.778
max = mean + 0.75 σ = 1062.909
Azimuth =278.2°
Elevation =55.41°
Hour Angle =02:42:00.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1030.064
σ = 43.011
min = mean - 0.125 σ = 1024.687
max = mean + 0.75 σ = 1062.322
Azimuth =278.27°
Elevation =55.25°
Hour Angle =02:42:44.92°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1030.170
σ = 43.656
min = mean - 0.125 σ = 1024.713
max = mean + 0.75 σ = 1062.913
Azimuth =278.33°
Elevation =55.1°
Hour Angle =02:43:28.04°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1030.269
σ = 43.759
min = mean - 0.125 σ = 1024.8
max = mean + 0.75 σ = 1063.089
Azimuth =278.39°
Elevation =54.95°
Hour Angle =02:44:12.16°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1030.227
σ = 43.289
min = mean - 0.125 σ = 1024.816
max = mean + 0.75 σ = 1062.694
Azimuth =278.45°
Elevation =54.8°
Hour Angle =02:44:55.28°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
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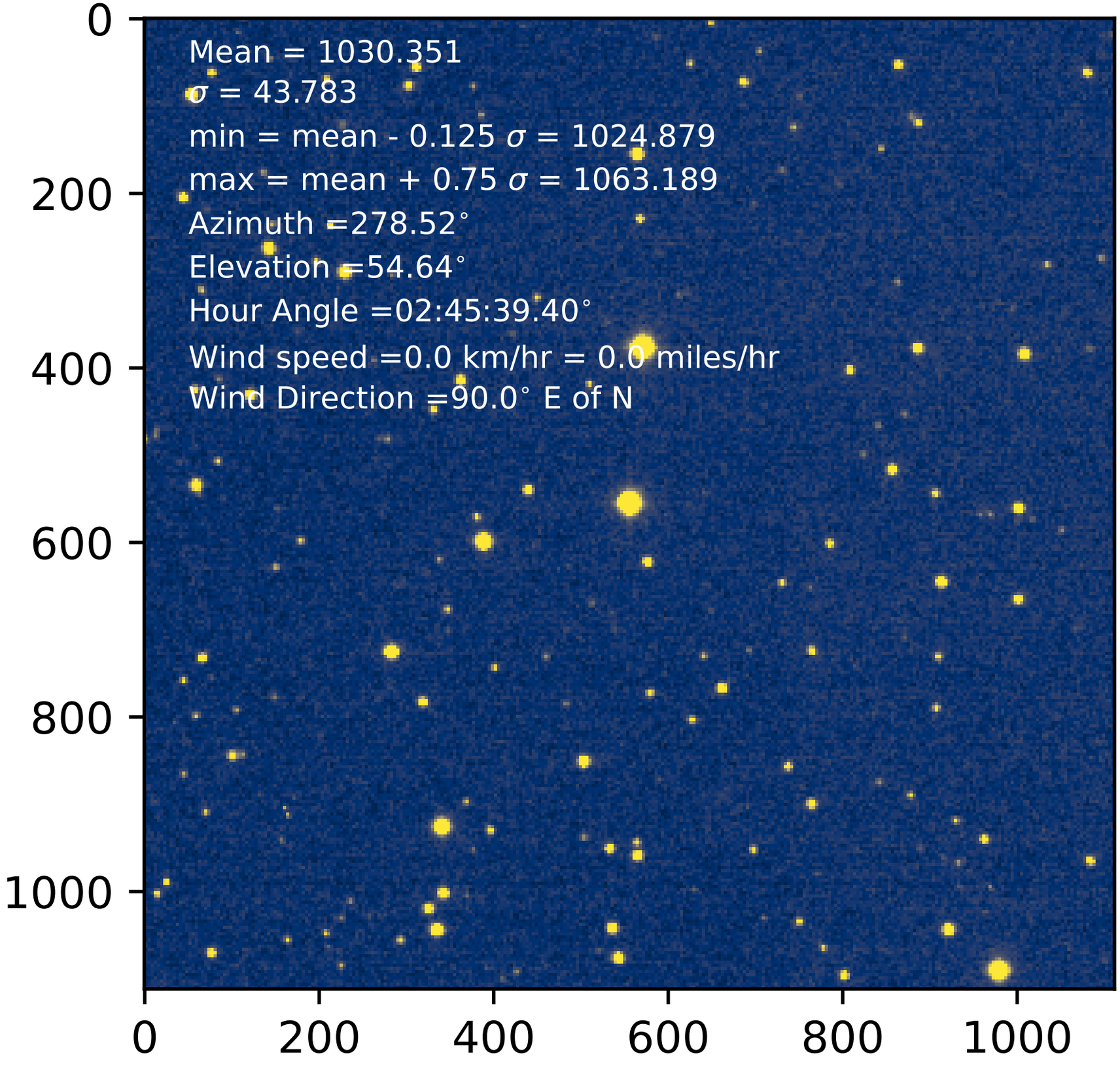
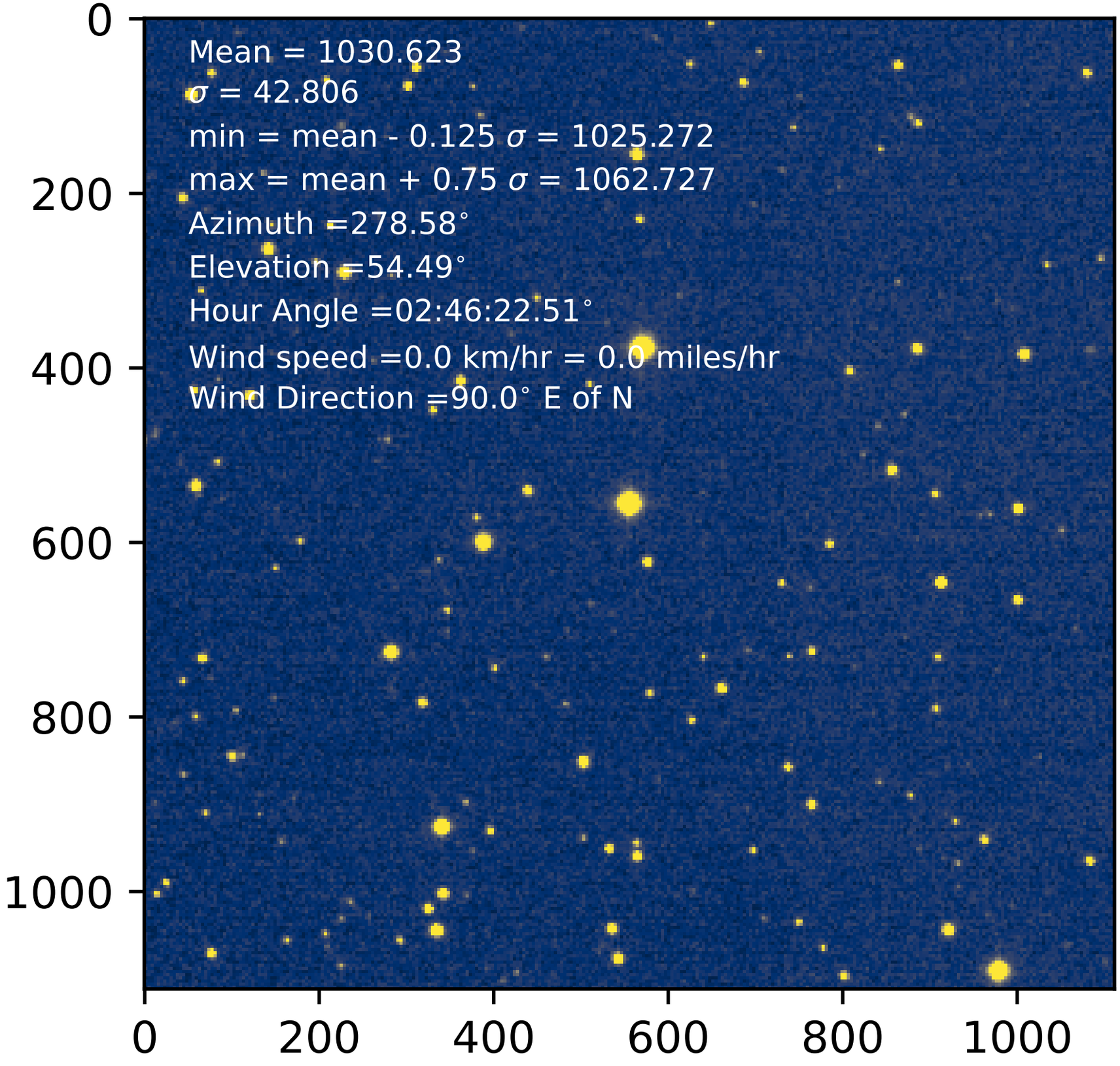
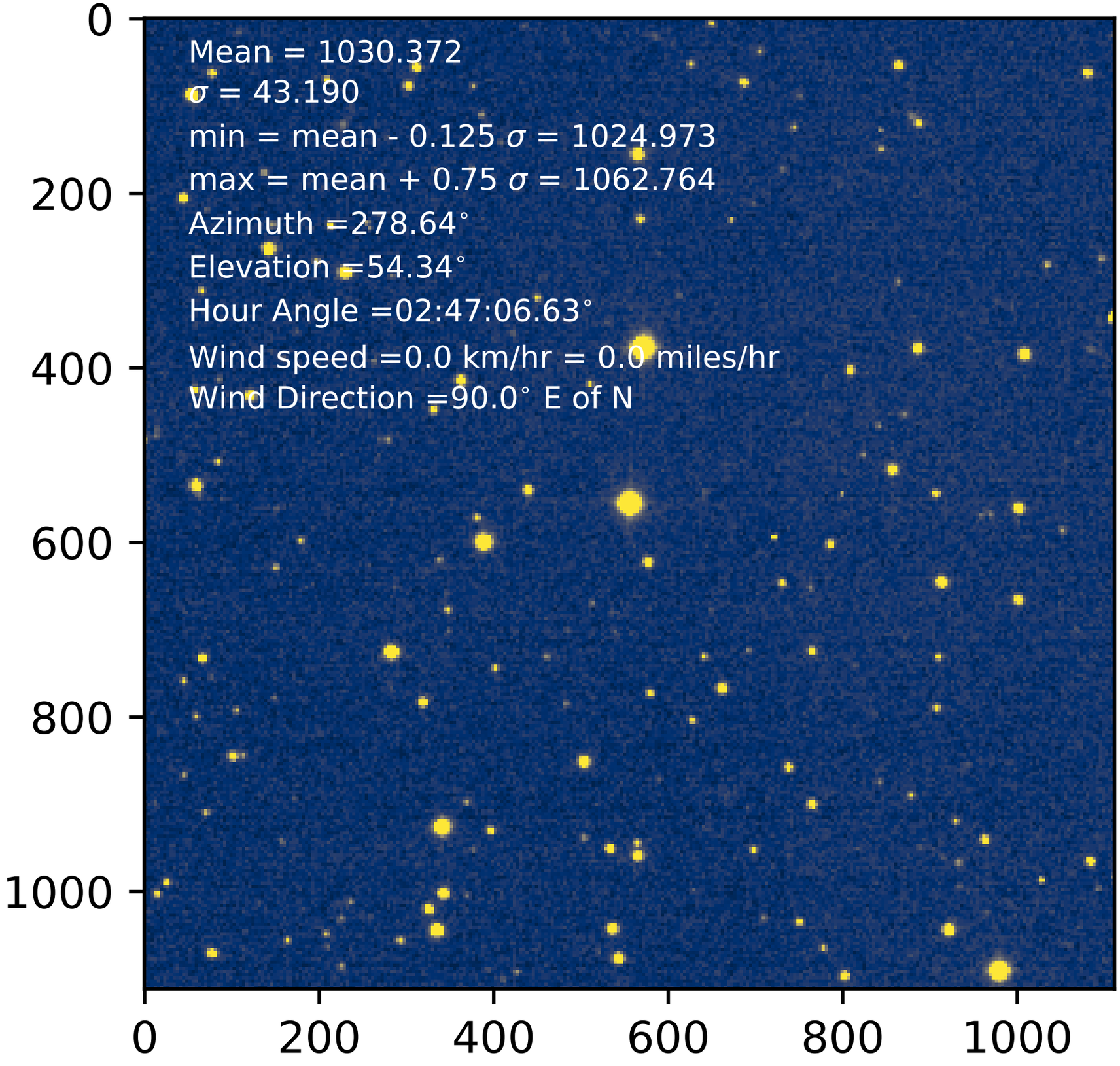
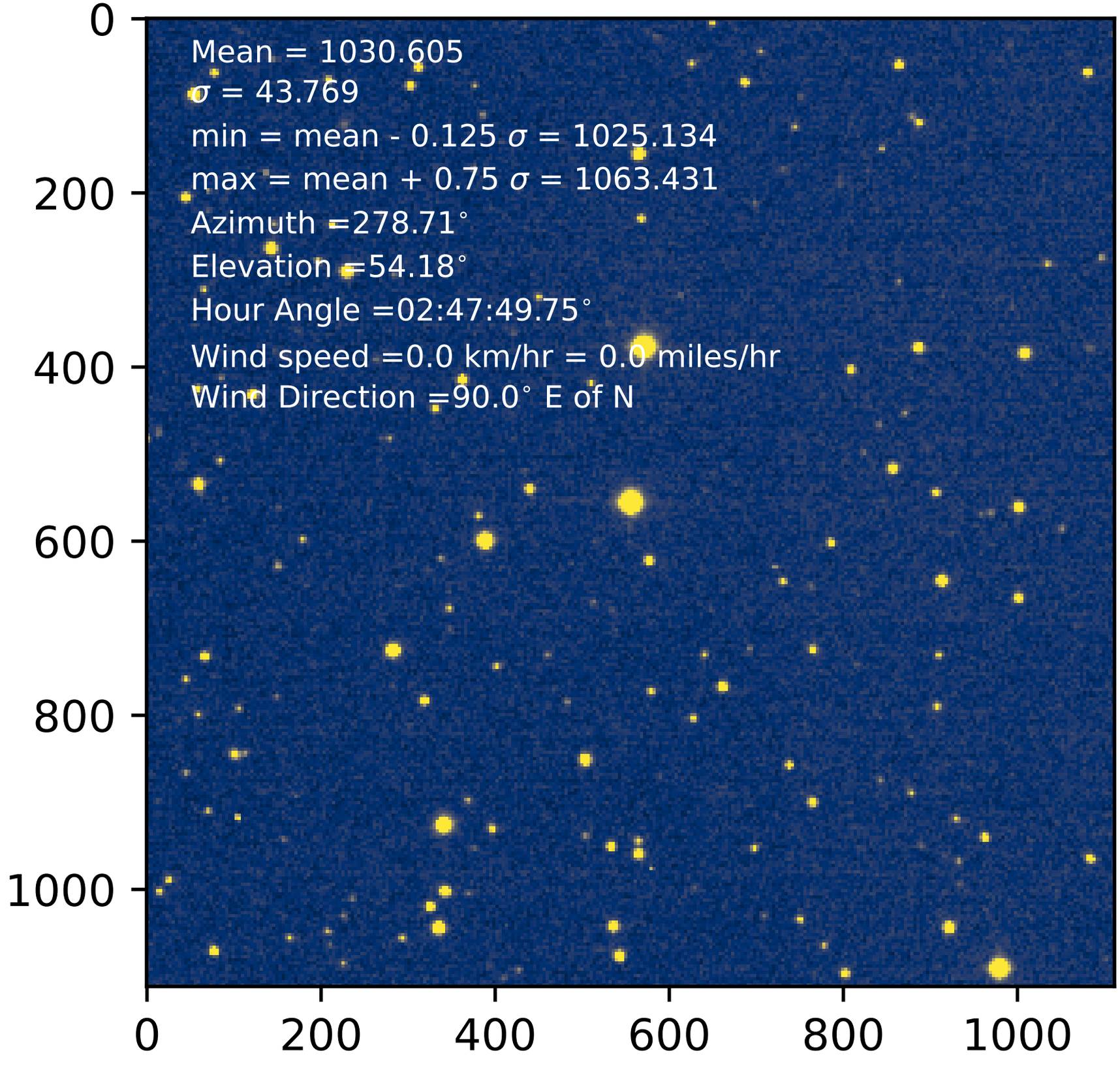
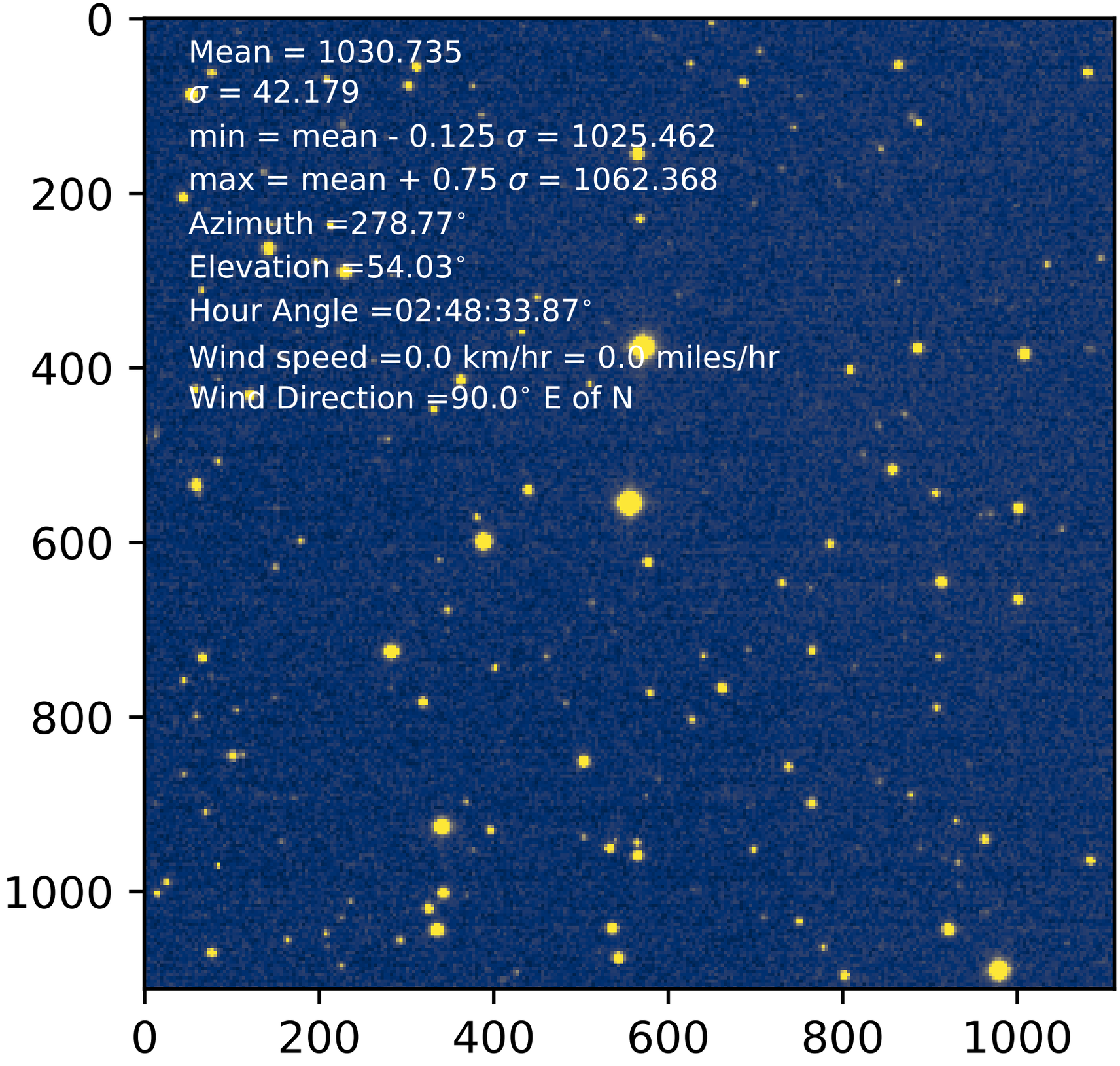
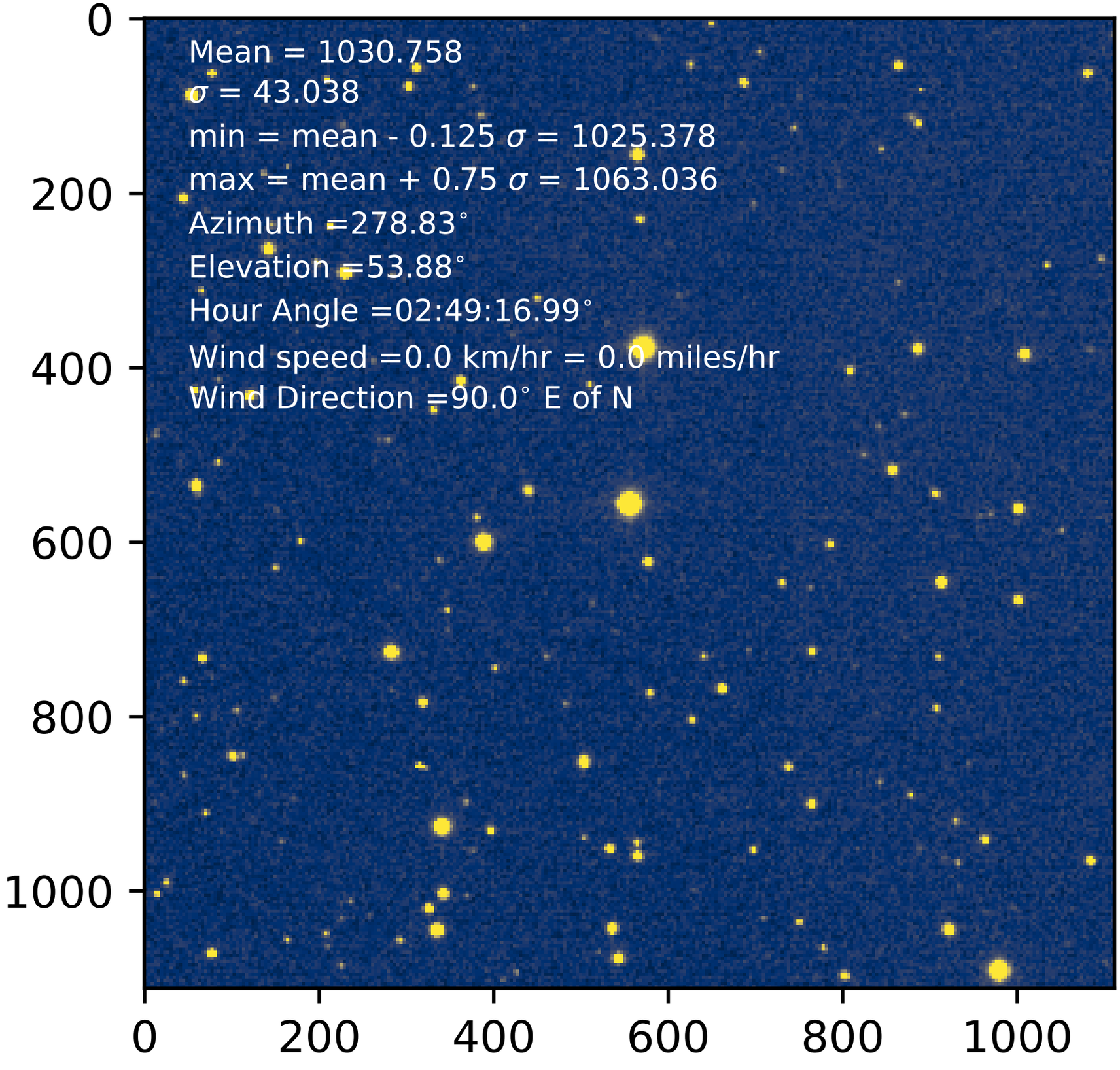

Mean = 1030.351
σ = 43.783
min = mean - 0.125 σ = 1024.879
max = mean + 0.75 σ = 1063.189
Azimuth =278.52°
Elevation =54.64°
Hour Angle =02:45:39.40°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

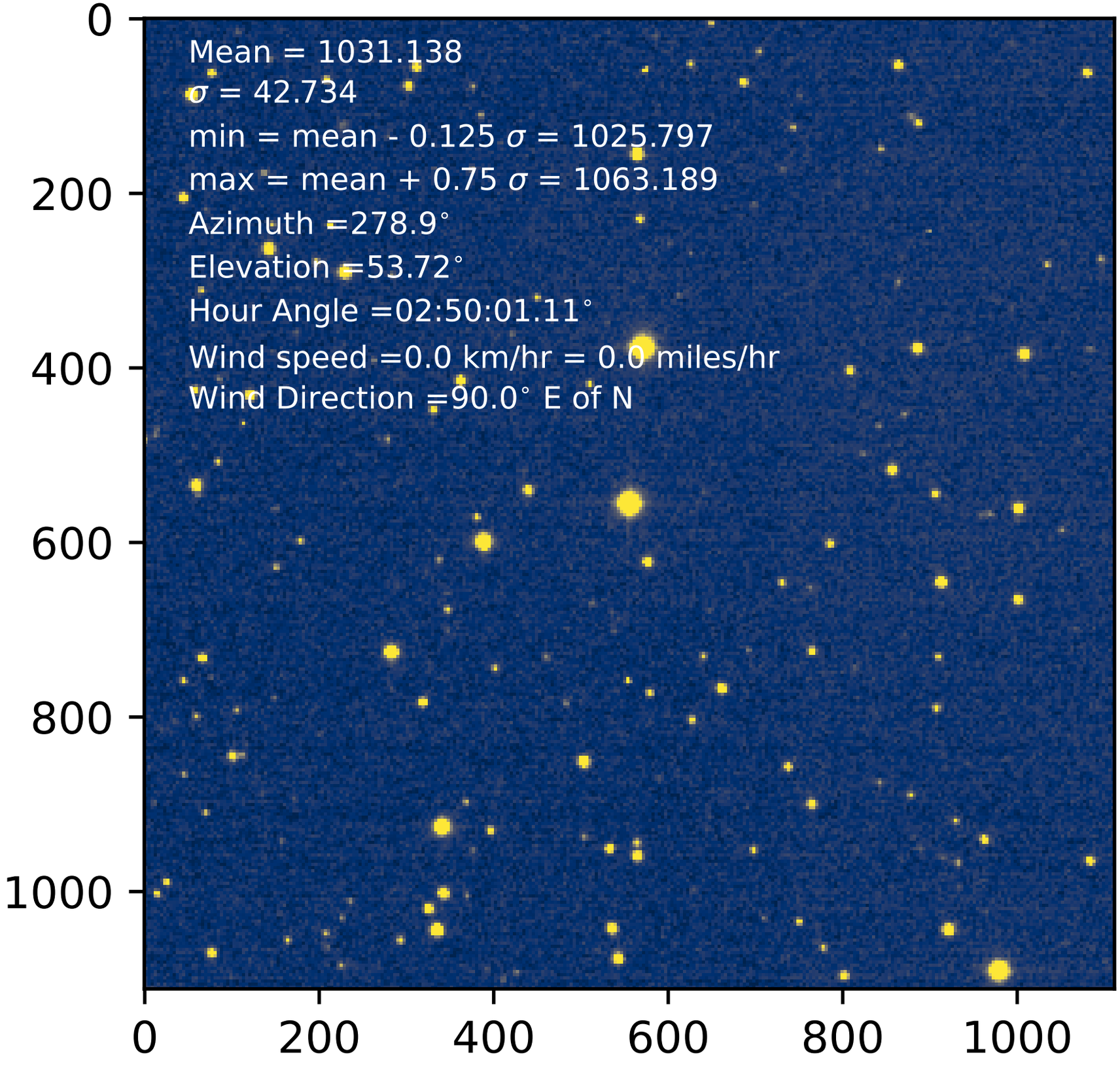

Mean = 1030.623
σ = 42.806
min = mean - 0.125 σ = 1025.272
max = mean + 0.75 σ = 1062.727
Azimuth =278.58°
Elevation =54.49°
Hour Angle =02:46:22.51°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

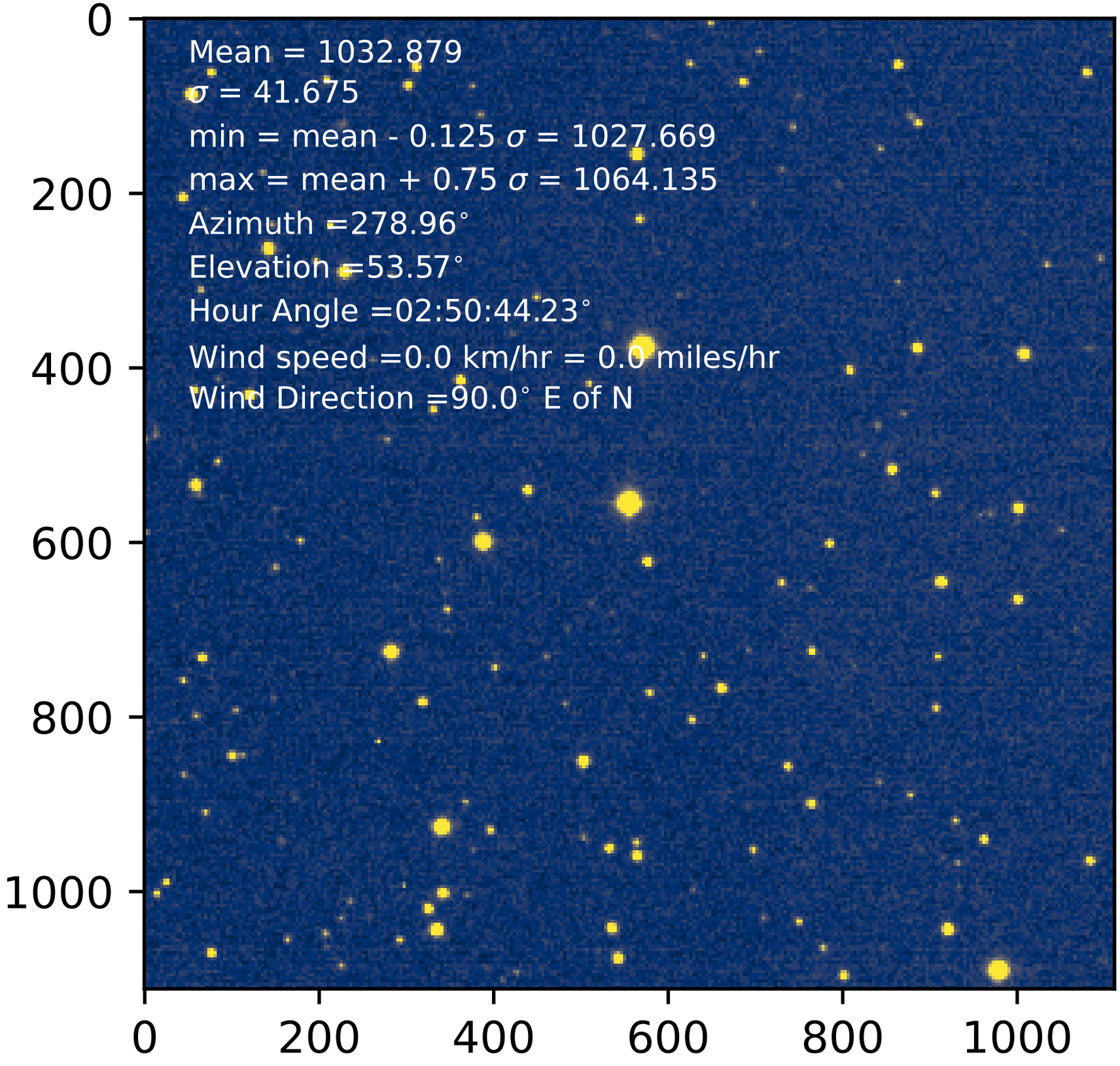

Mean = 1030.372
σ = 43.190
min = mean - 0.125 σ = 1024.973
max = mean + 0.75 σ = 1062.764
Azimuth =278.64°
Elevation =54.34°
Hour Angle =02:47:06.63°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

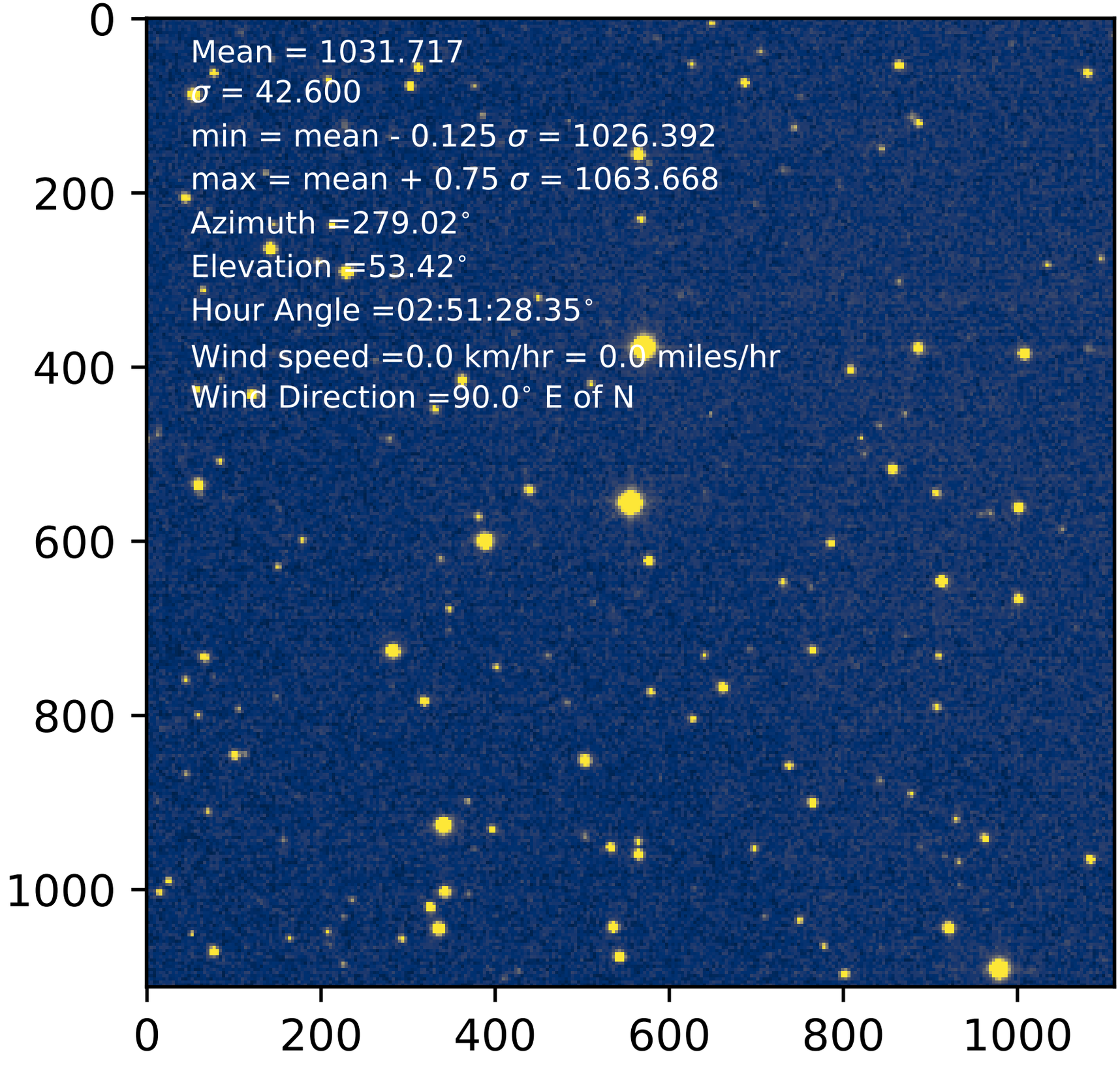

Mean = 1030.605
σ = 43.769
min = mean - 0.125 σ = 1025.134
max = mean + 0.75 σ = 1063.431
Azimuth =278.71°
Elevation =54.18°
Hour Angle =02:47:49.75°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

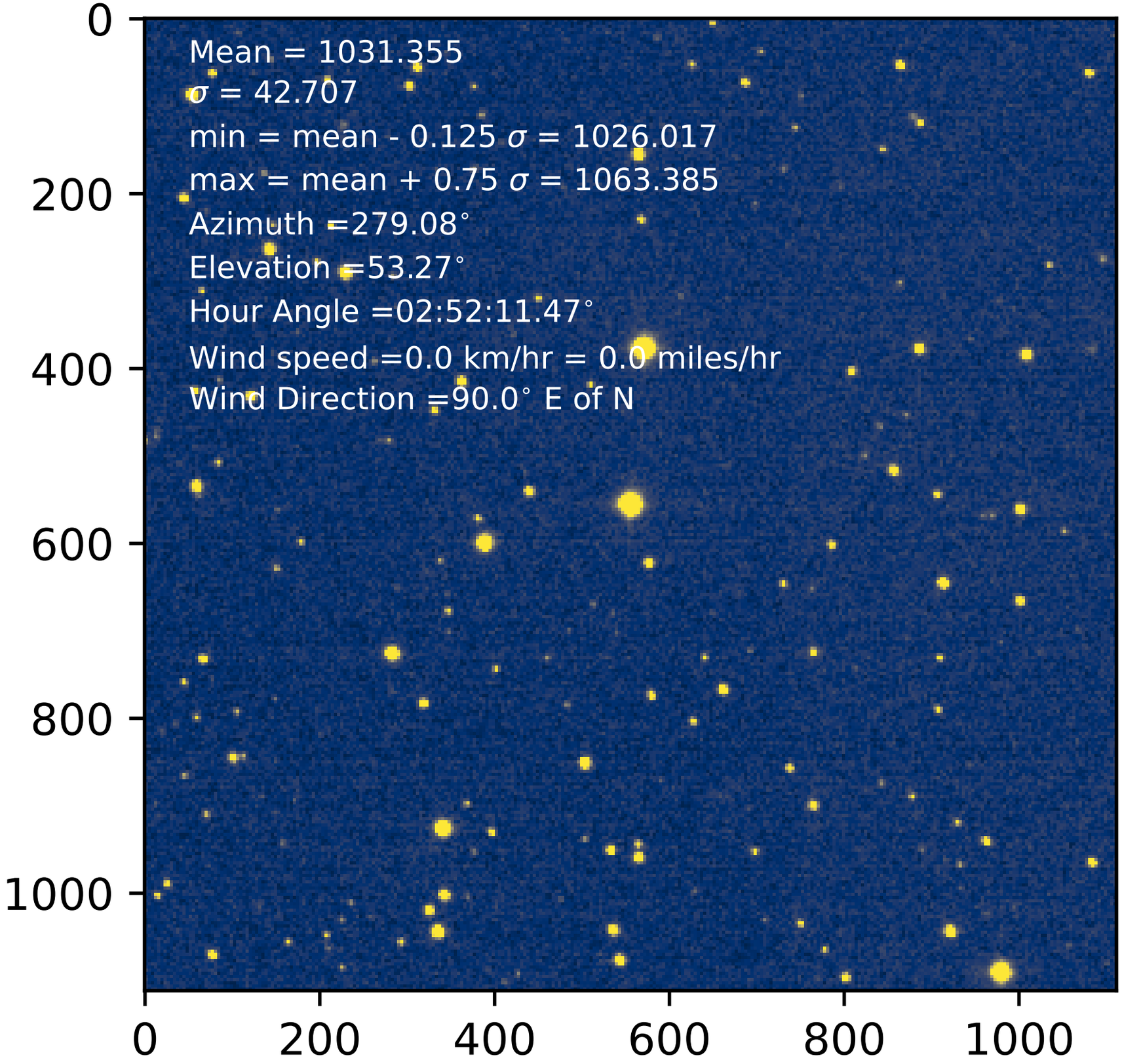

Mean = 1030.735
σ = 42.179
min = mean - 0.125 σ = 1025.462
max = mean + 0.75 σ = 1062.368
Azimuth =278.77°
Elevation =54.03°
Hour Angle =02:48:33.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

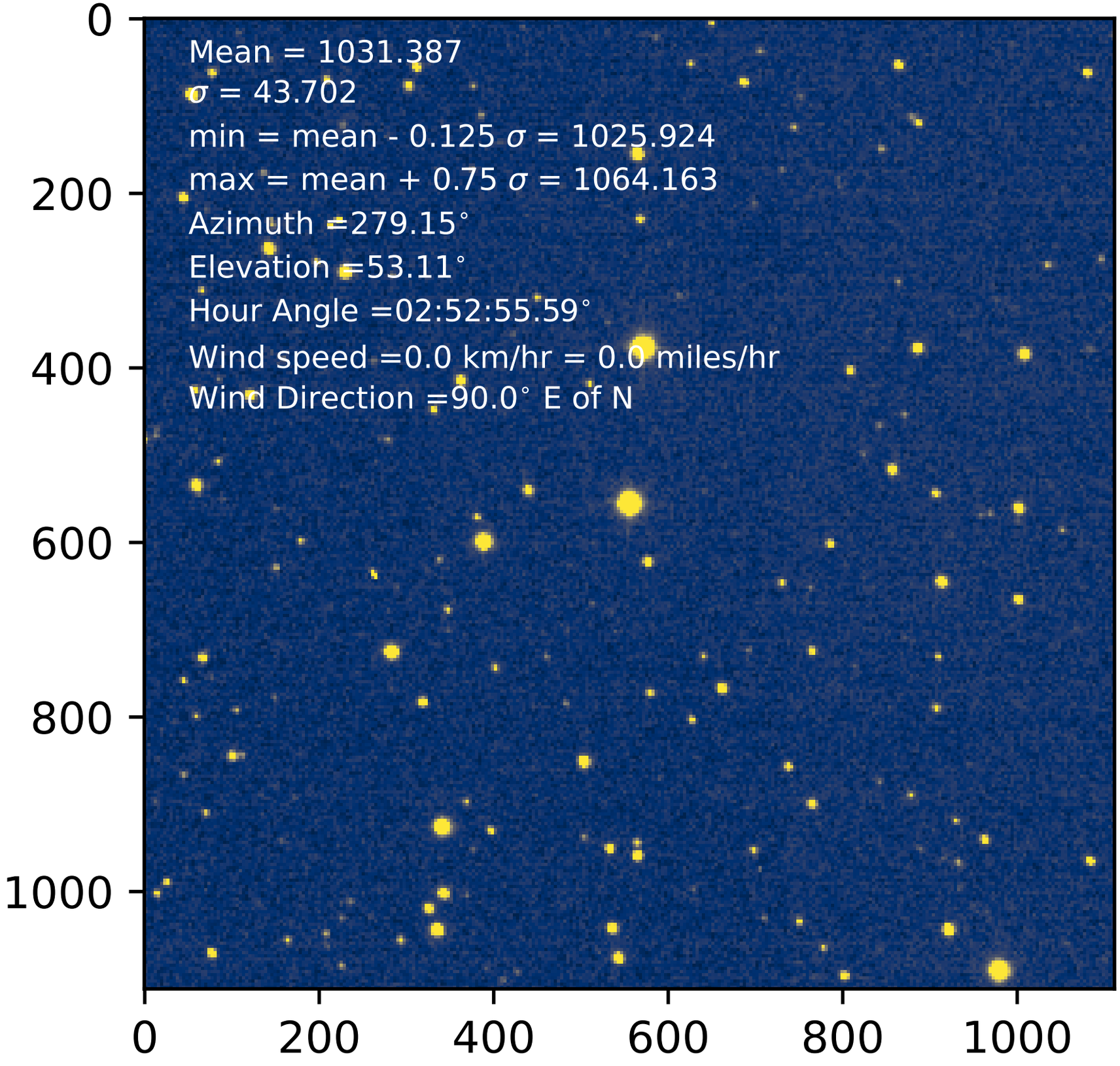

Mean = 1030.758
σ = 43.038
min = mean - 0.125 σ = 1025.378
max = mean + 0.75 σ = 1063.036
Azimuth =278.83°
Elevation =53.88°
Hour Angle =02:49:16.99°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

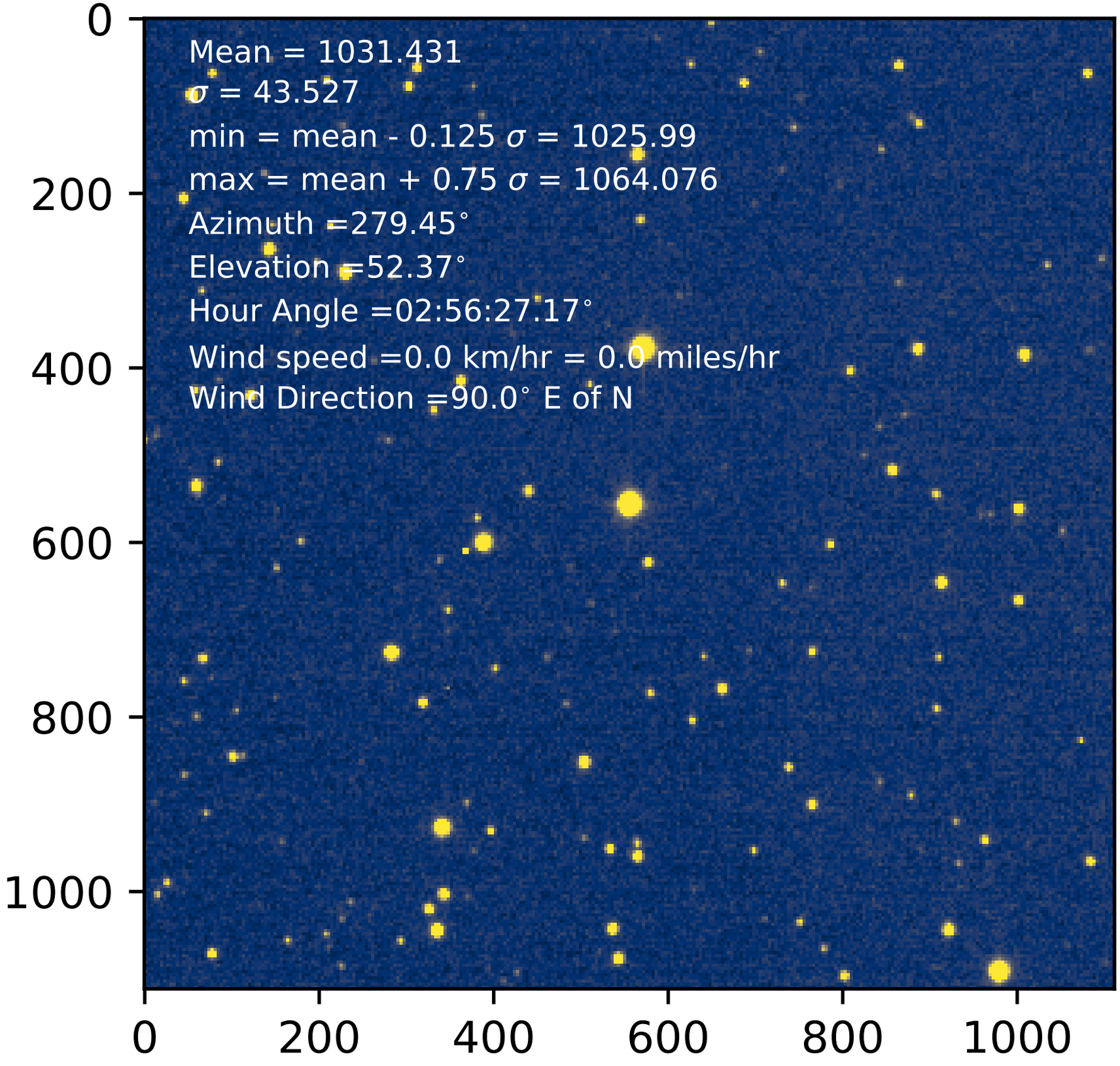

Mean = 1031.138
σ = 42.734
min = mean - 0.125 σ = 1025.797
max = mean + 0.75 σ = 1063.189
Azimuth =278.9°
Elevation =53.72°
Hour Angle =02:50:01.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

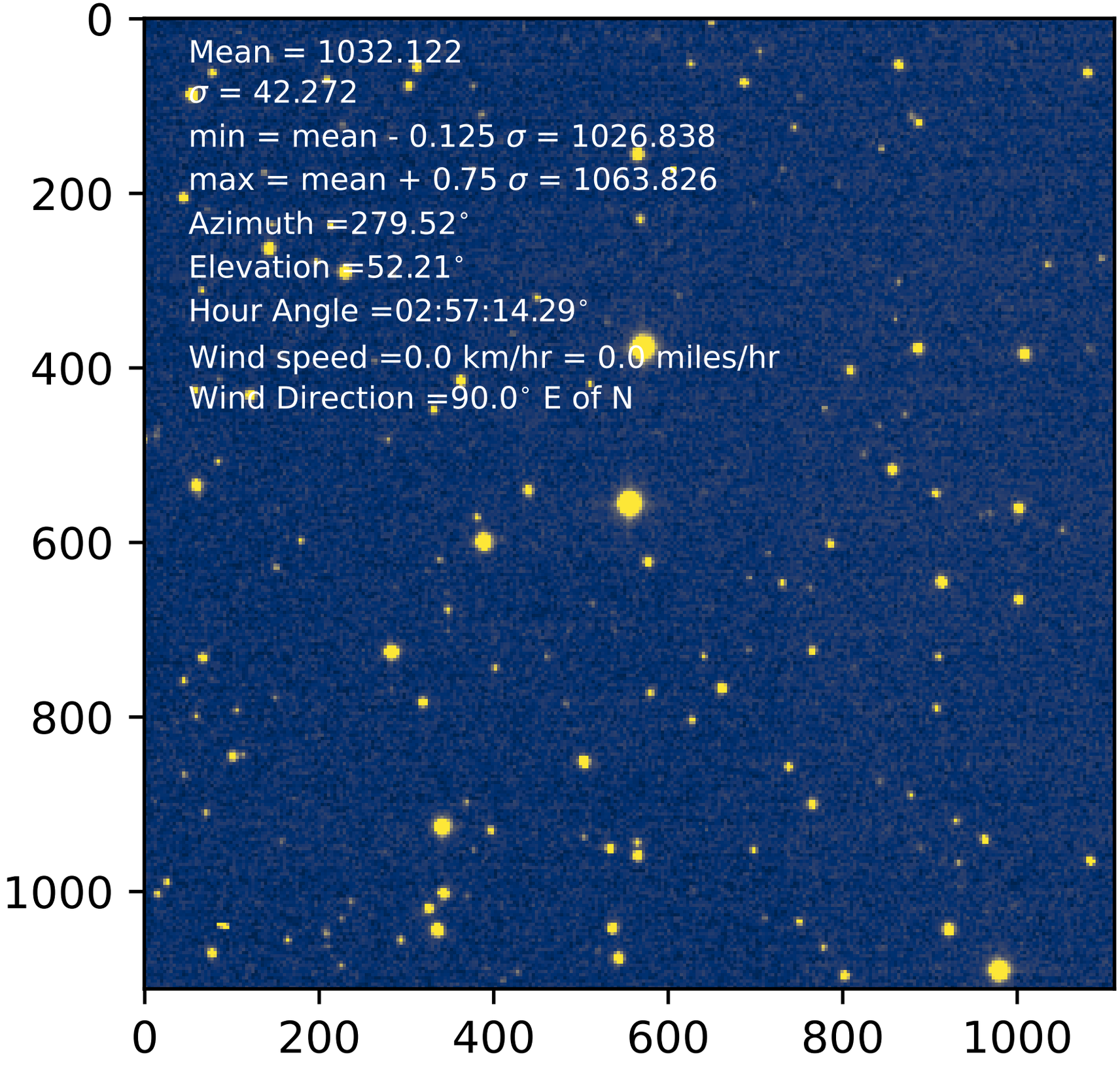

Mean = 1032.879
σ = 41.675
min = mean - 0.125 σ = 1027.669
max = mean + 0.75 σ = 1064.135
Azimuth =278.96°
Elevation =53.57°
Hour Angle =02:50:44.23°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

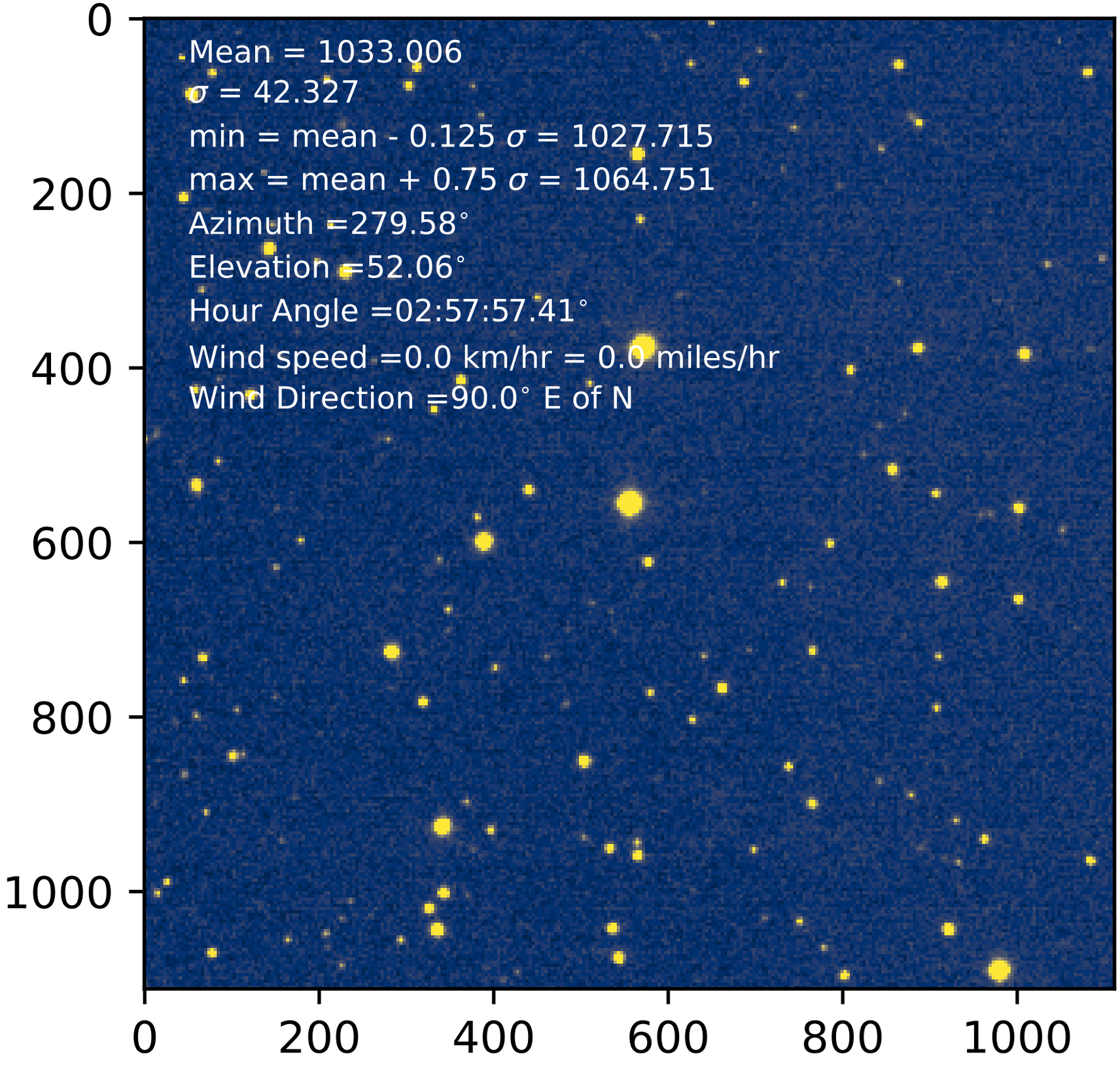

Mean = 1031.717
σ = 42.600
min = mean - 0.125 σ = 1026.392
max = mean + 0.75 σ = 1063.668
Azimuth =279.02°
Elevation =53.42°
Hour Angle =02:51:28.35°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

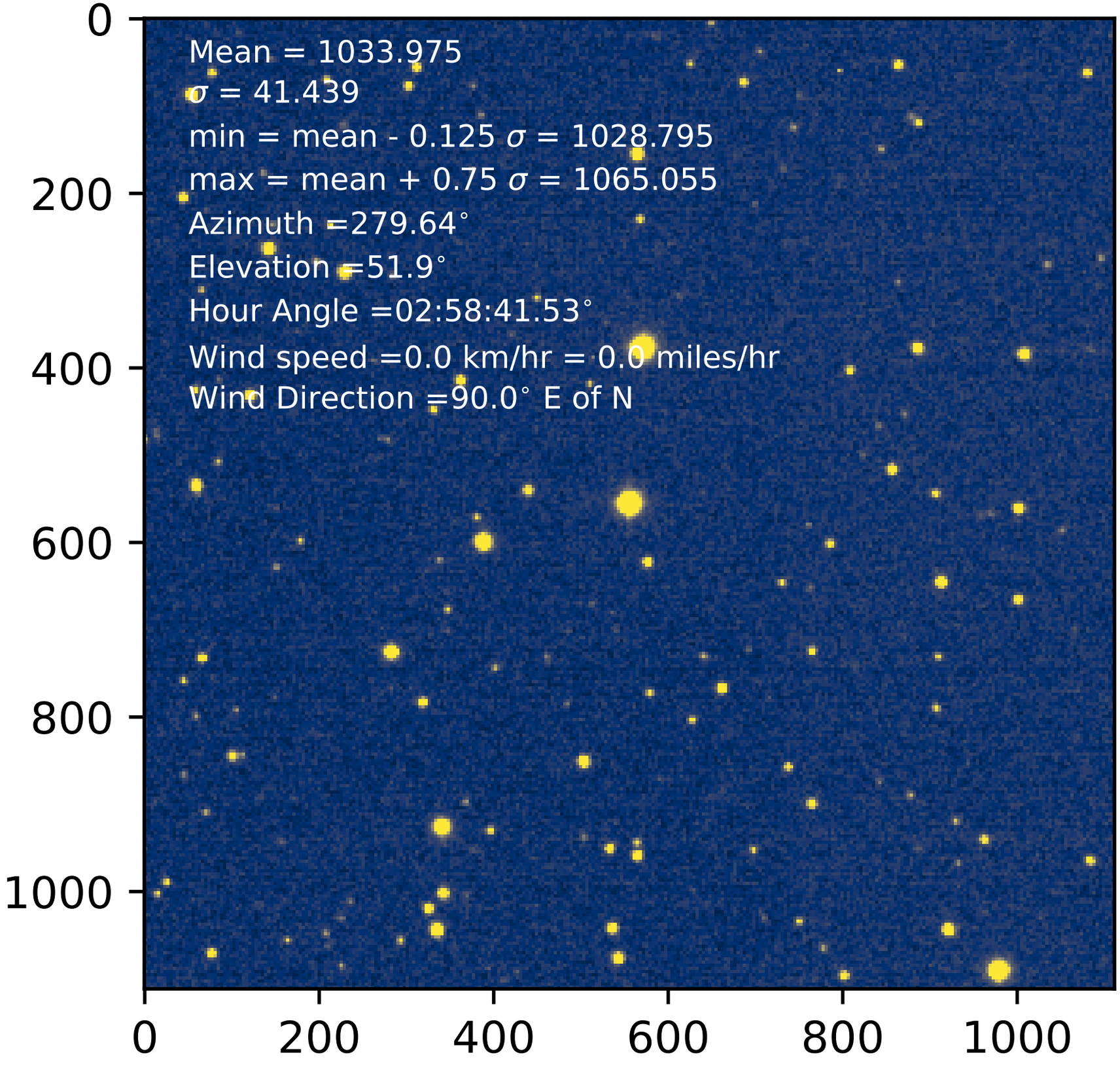

Mean = 1031.355
σ = 42.707
min = mean - 0.125 σ = 1026.017
max = mean + 0.75 σ = 1063.385
Azimuth =279.08°
Elevation =53.27°
Hour Angle =02:52:11.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

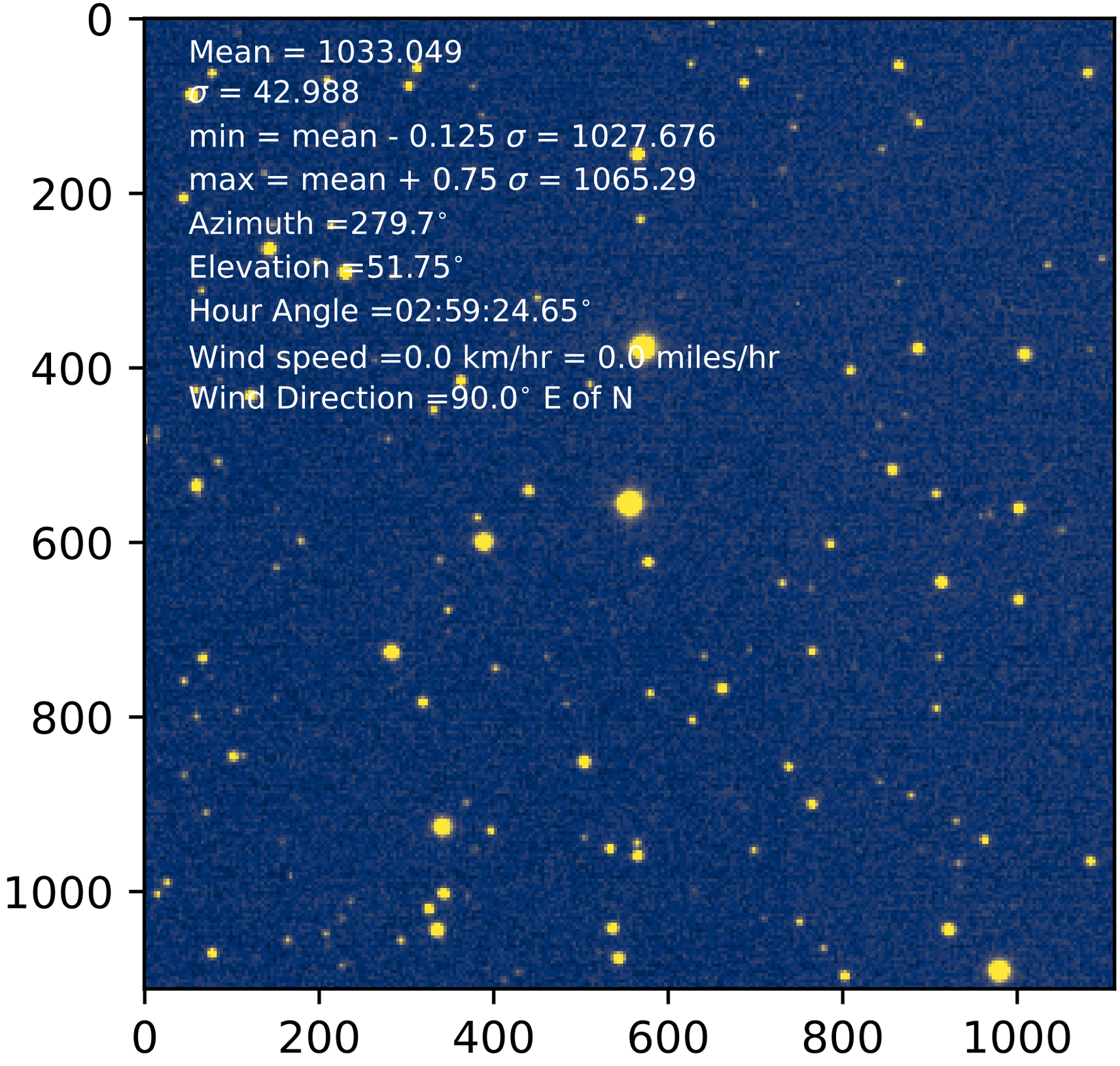

Mean = 1031.387
σ = 43.702
min = mean - 0.125 σ = 1025.924
max = mean + 0.75 σ = 1064.163
Azimuth =279.15°
Elevation =53.11°
Hour Angle =02:52:55.59°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

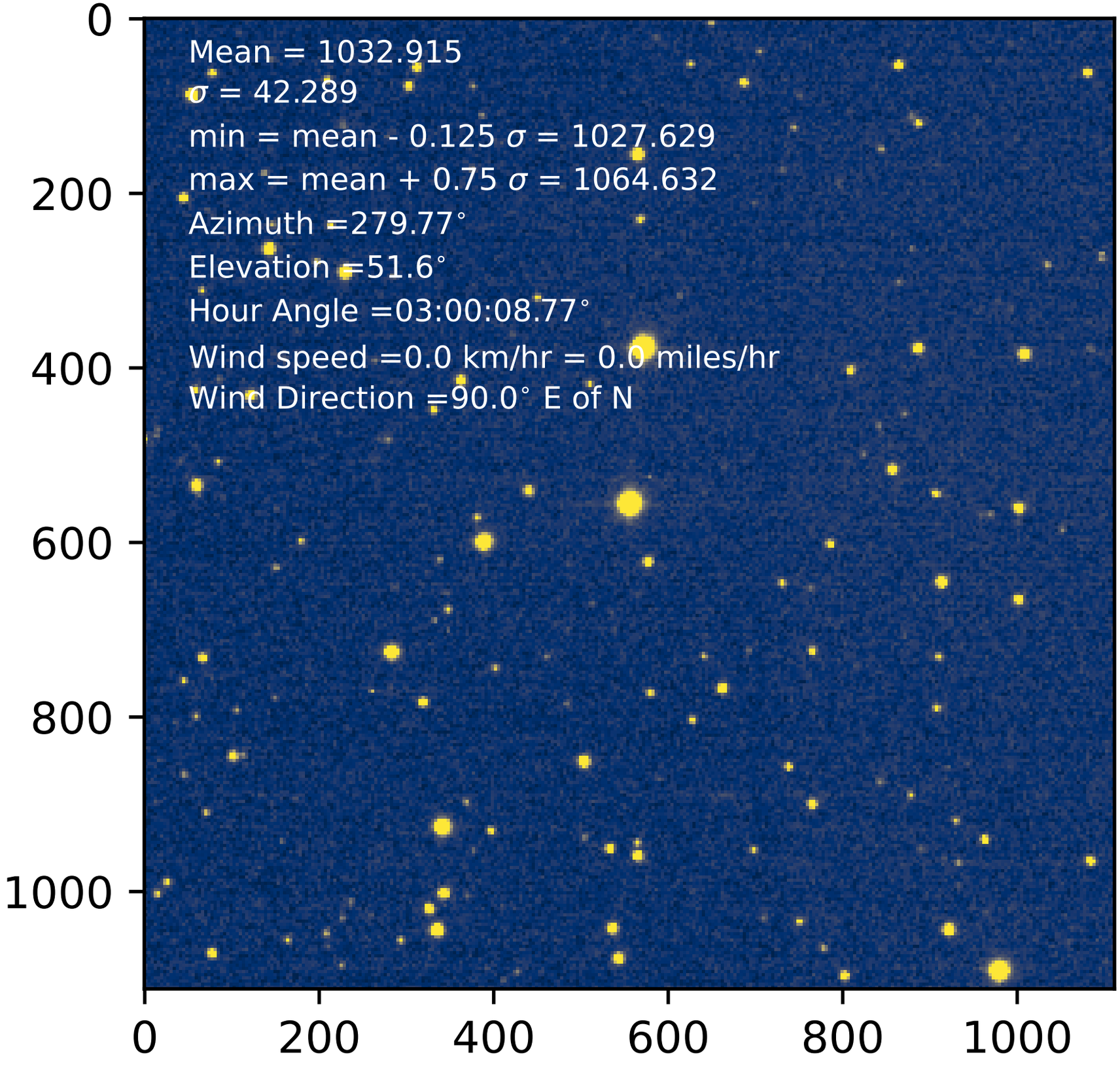

Mean = 1031.431
σ = 43.527
min = mean - 0.125 σ = 1025.99
max = mean + 0.75 σ = 1064.076
Azimuth =279.45°
Elevation =52.37°
Hour Angle =02:56:27.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

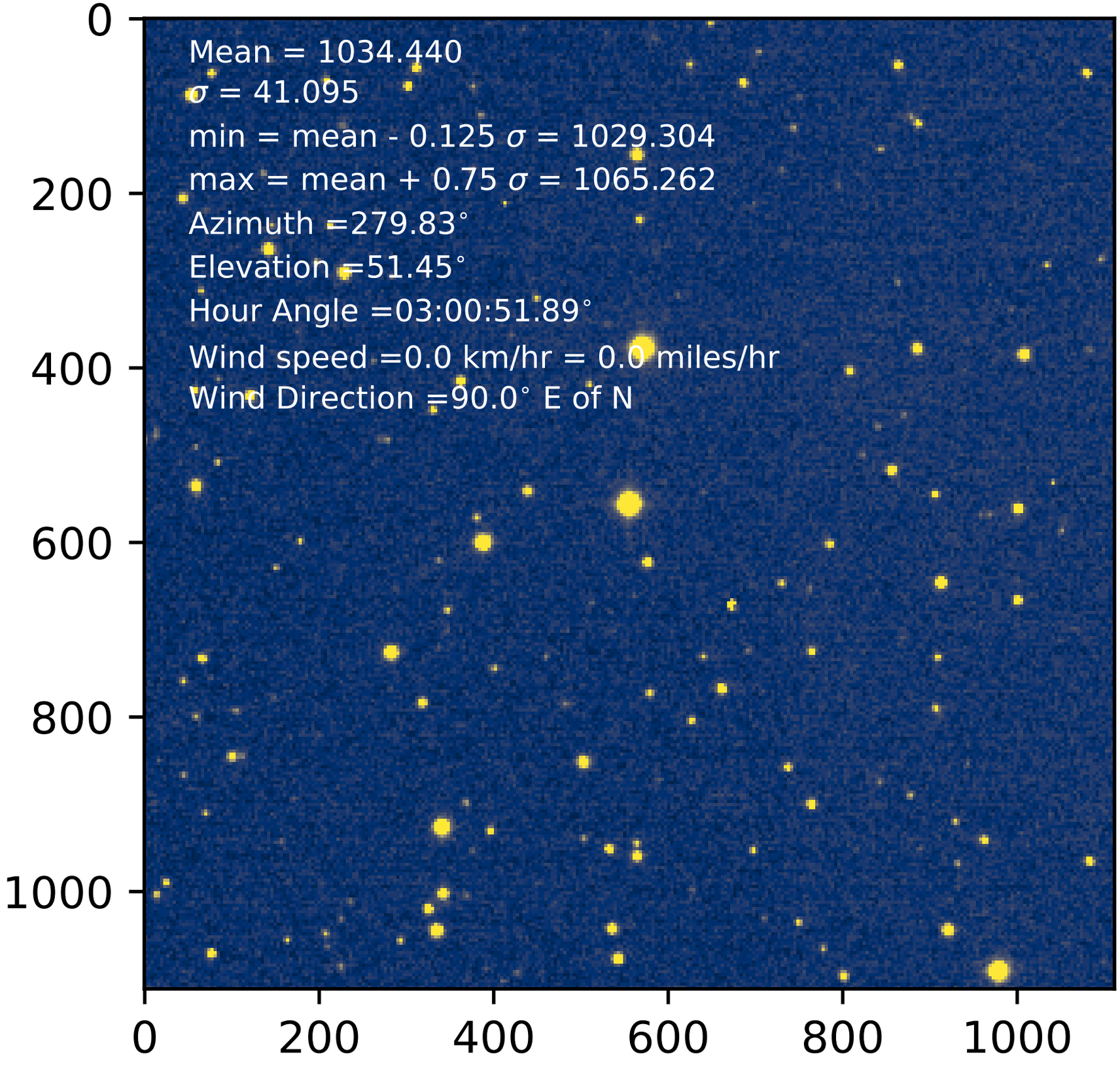

Mean = 1032.122
σ = 42.272
min = mean - 0.125 σ = 1026.838
max = mean + 0.75 σ = 1063.826
Azimuth =279.52°
Elevation =52.21°
Hour Angle =02:57:14.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

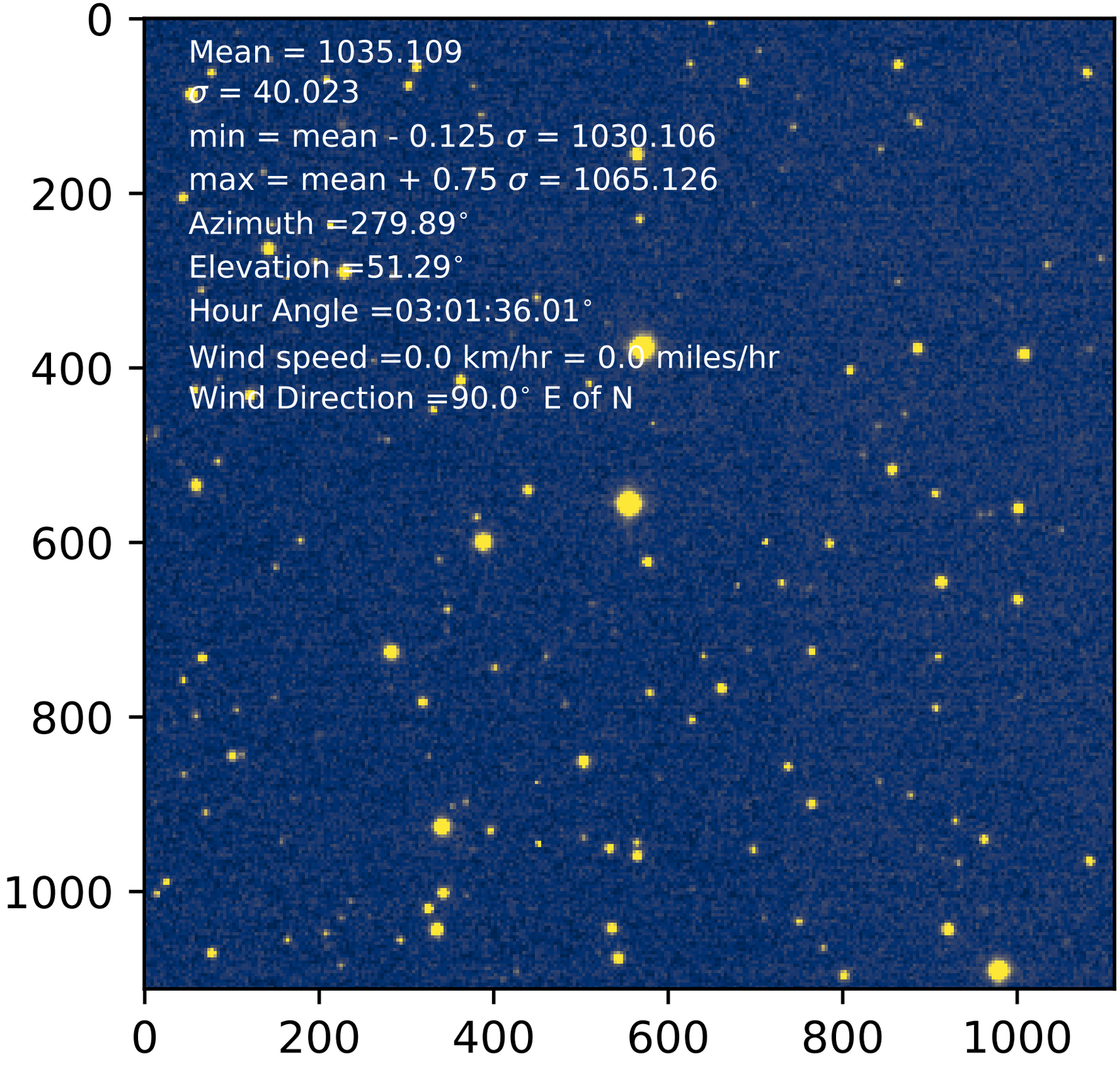

Mean = 1033.006
σ = 42.327
min = mean - 0.125 σ = 1027.715
max = mean + 0.75 σ = 1064.751
Azimuth =279.58°
Elevation =52.06°
Hour Angle =02:57:57.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

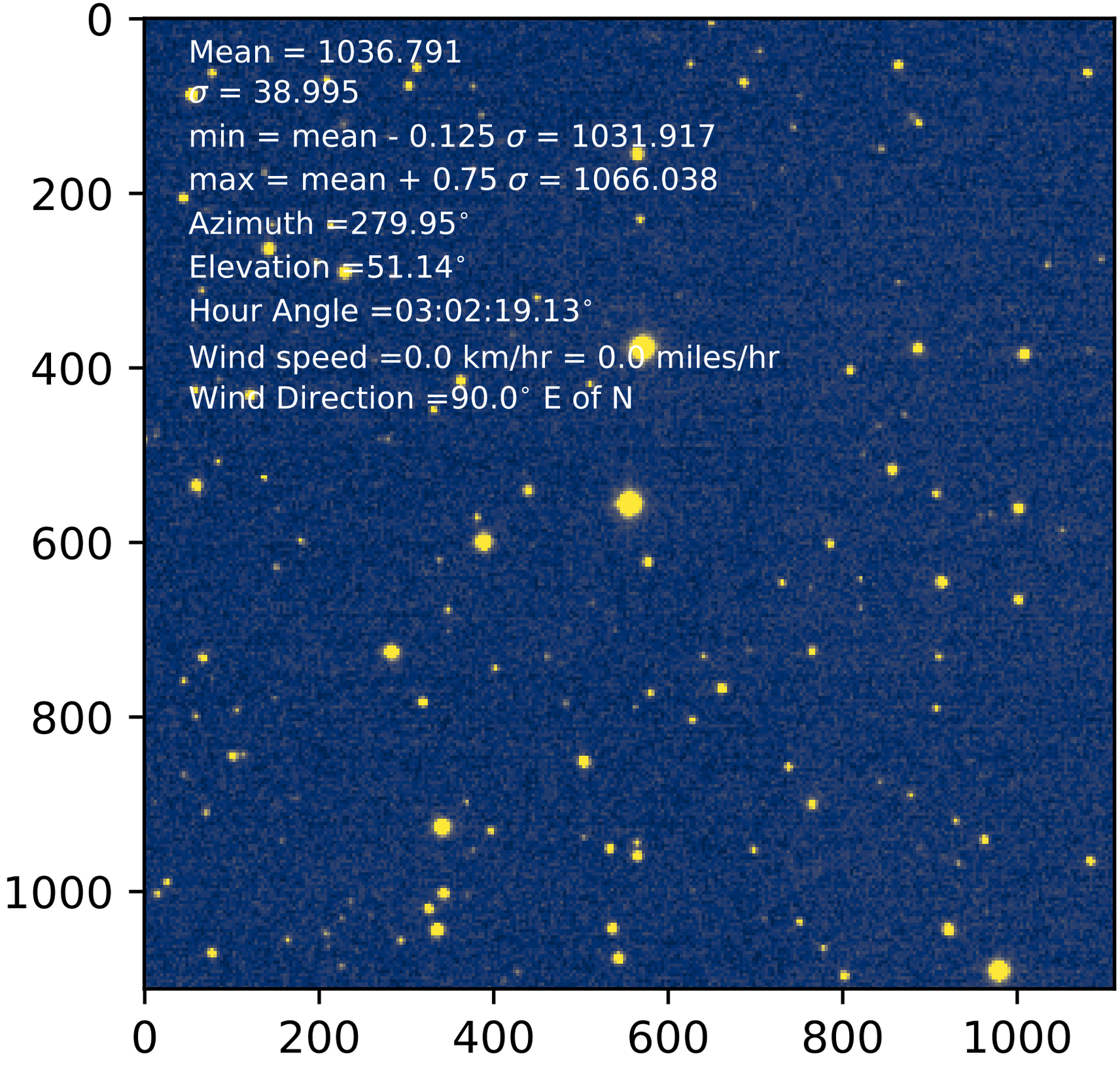

Mean = 1033.975
σ = 41.439
min = mean - 0.125 σ = 1028.795
max = mean + 0.75 σ = 1065.055
Azimuth =279.64°
Elevation =51.9°
Hour Angle =02:58:41.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

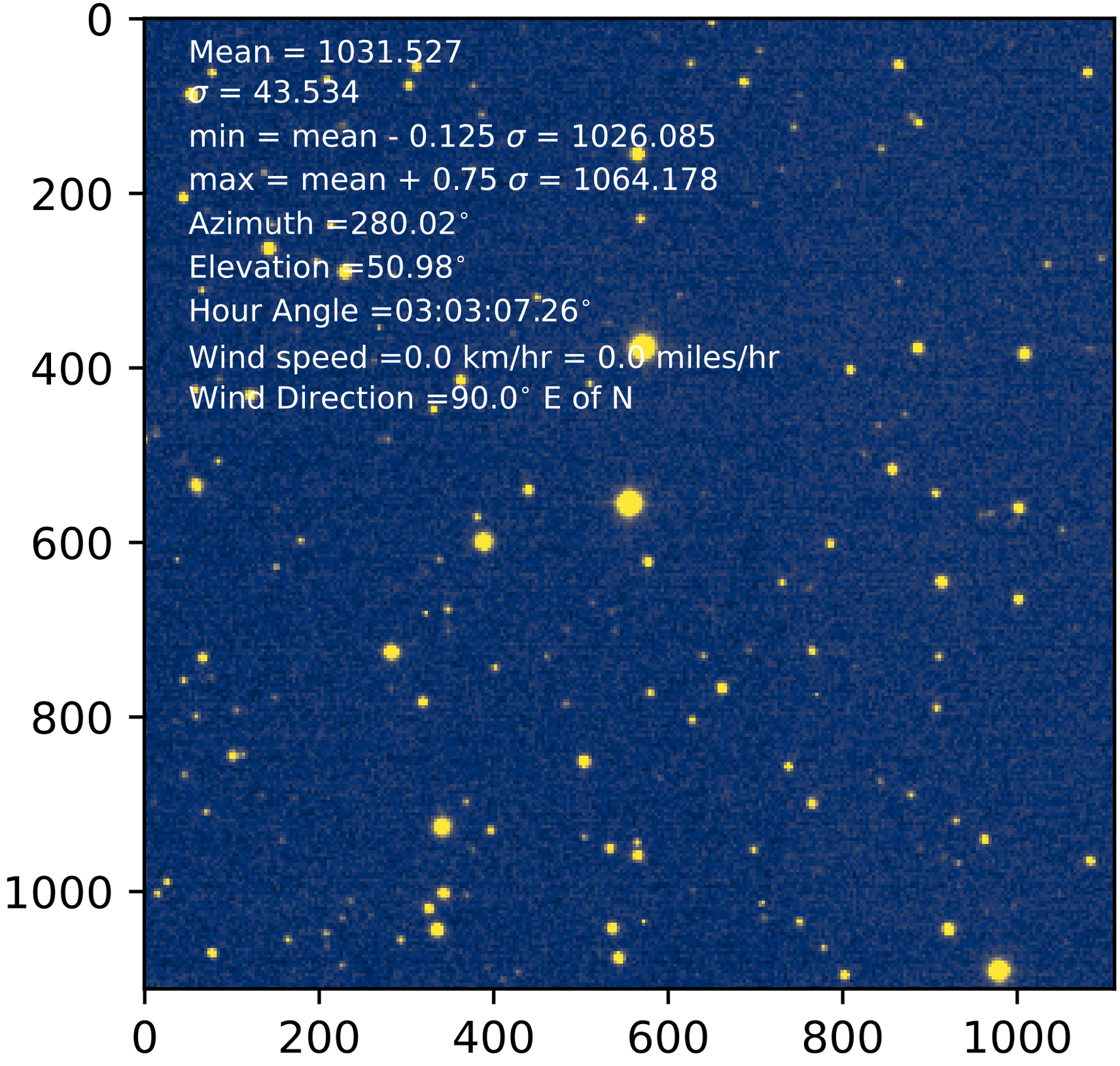

Mean = 1033.049
σ = 42.988
min = mean - 0.125 σ = 1027.676
max = mean + 0.75 σ = 1065.29
Azimuth =279.7°
Elevation =51.75°
Hour Angle =02:59:24.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

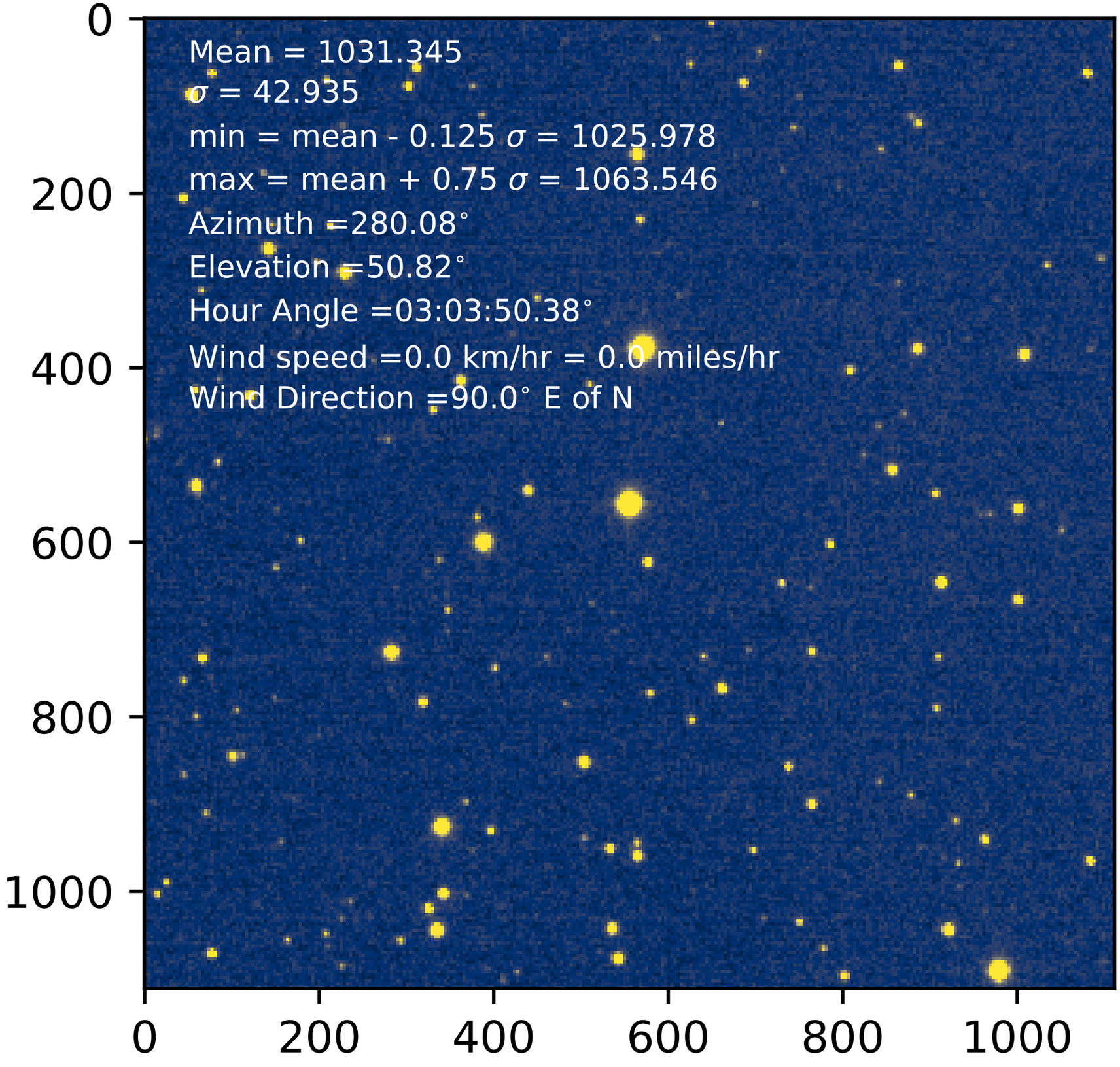

Mean = 1032.915
σ = 42.289
min = mean - 0.125 σ = 1027.629
max = mean + 0.75 σ = 1064.632
Azimuth =279.77°
Elevation =51.6°
Hour Angle =03:00:08.77°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

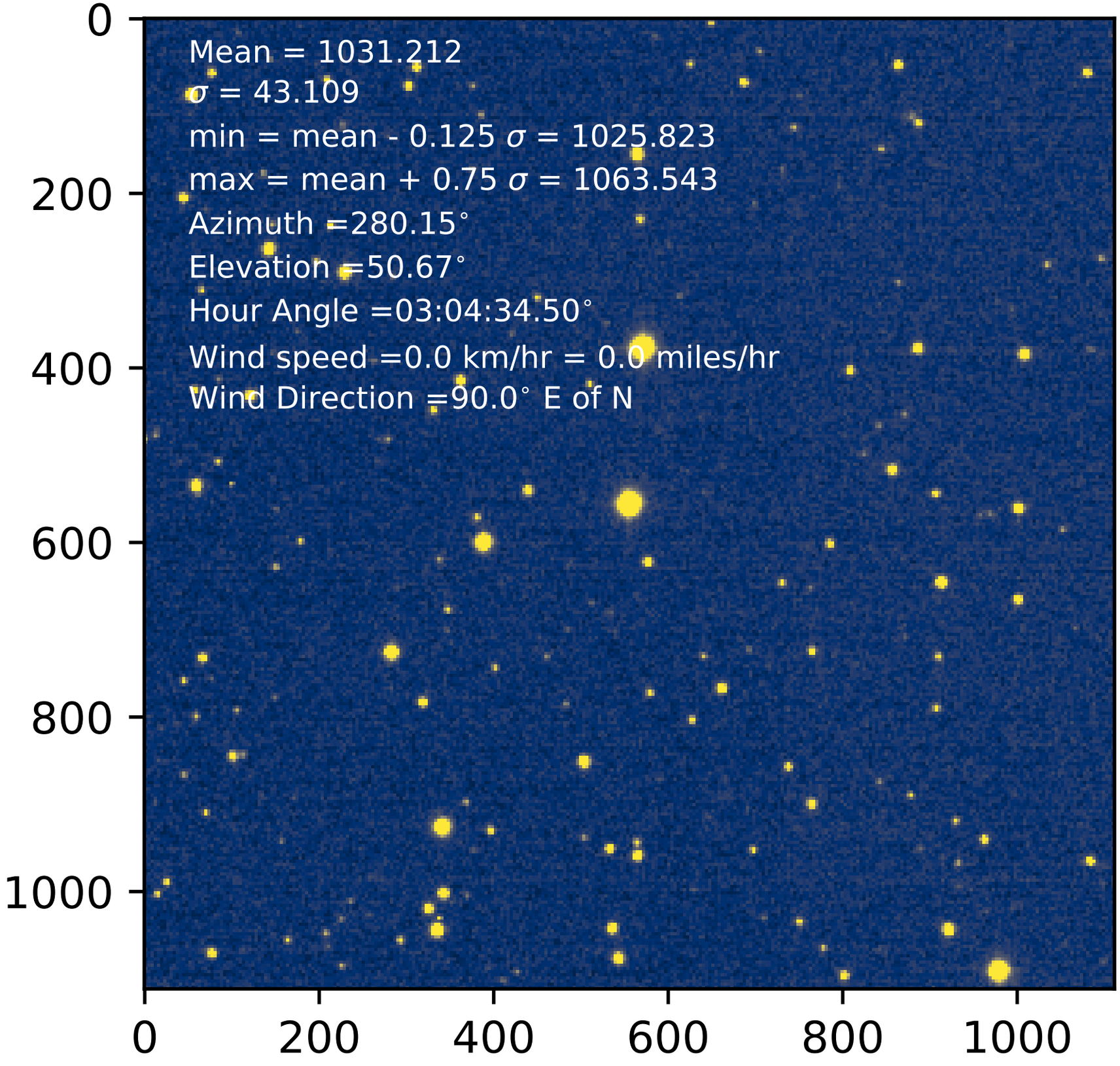

Mean = 1034.440
σ = 41.095
min = mean - 0.125 σ = 1029.304
max = mean + 0.75 σ = 1065.262
Azimuth =279.83°
Elevation =51.45°
Hour Angle =03:00:51.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

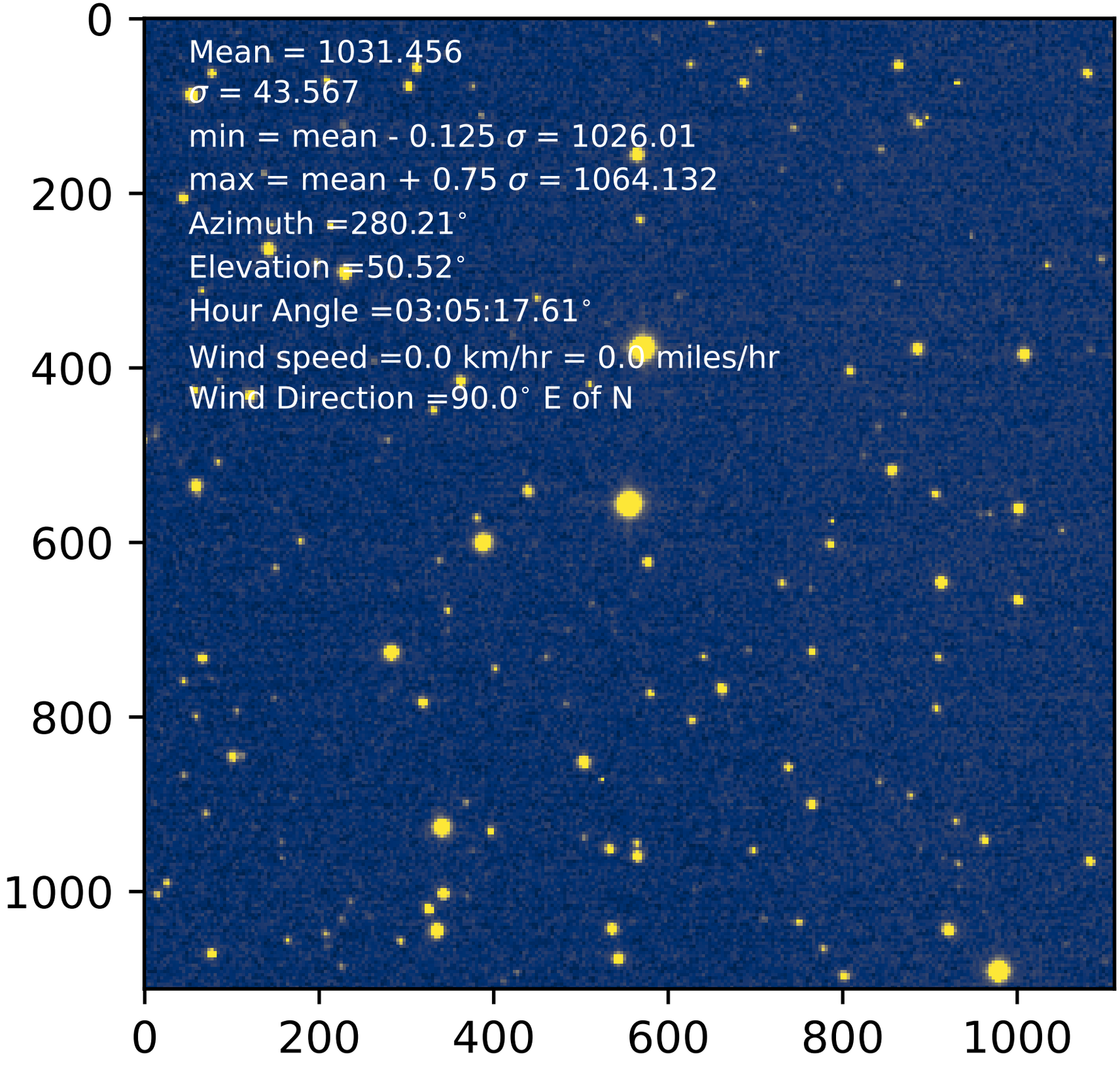

Mean = 1035.109
σ = 40.023
min = mean - 0.125 σ = 1030.106
max = mean + 0.75 σ = 1065.126
Azimuth =279.89°
Elevation =51.29°
Hour Angle =03:01:36.01°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

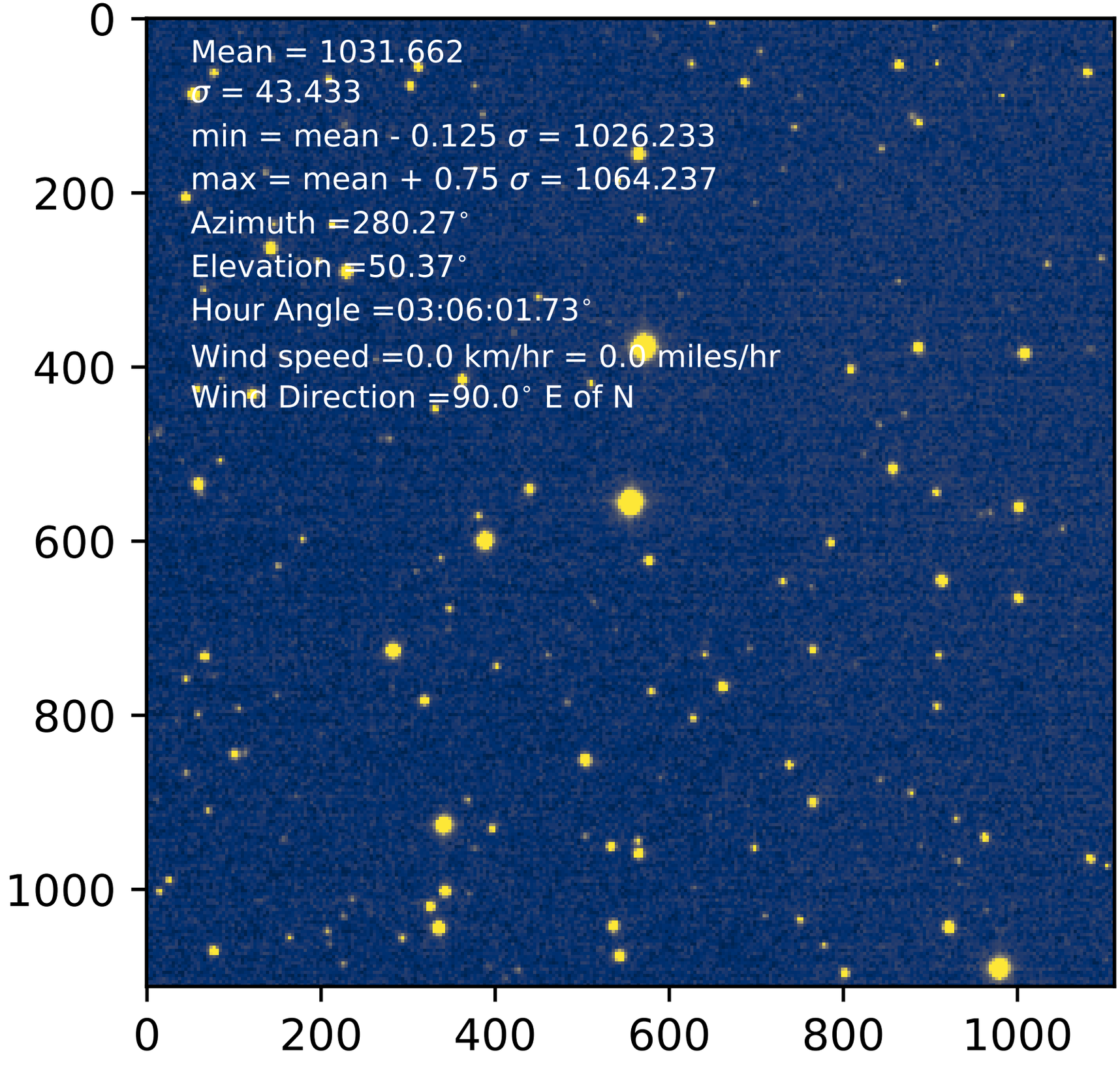

Mean = 1036.791
σ = 38.995
min = mean - 0.125 σ = 1031.917
max = mean + 0.75 σ = 1066.038
Azimuth =279.95°
Elevation =51.14°
Hour Angle =03:02:19.13°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

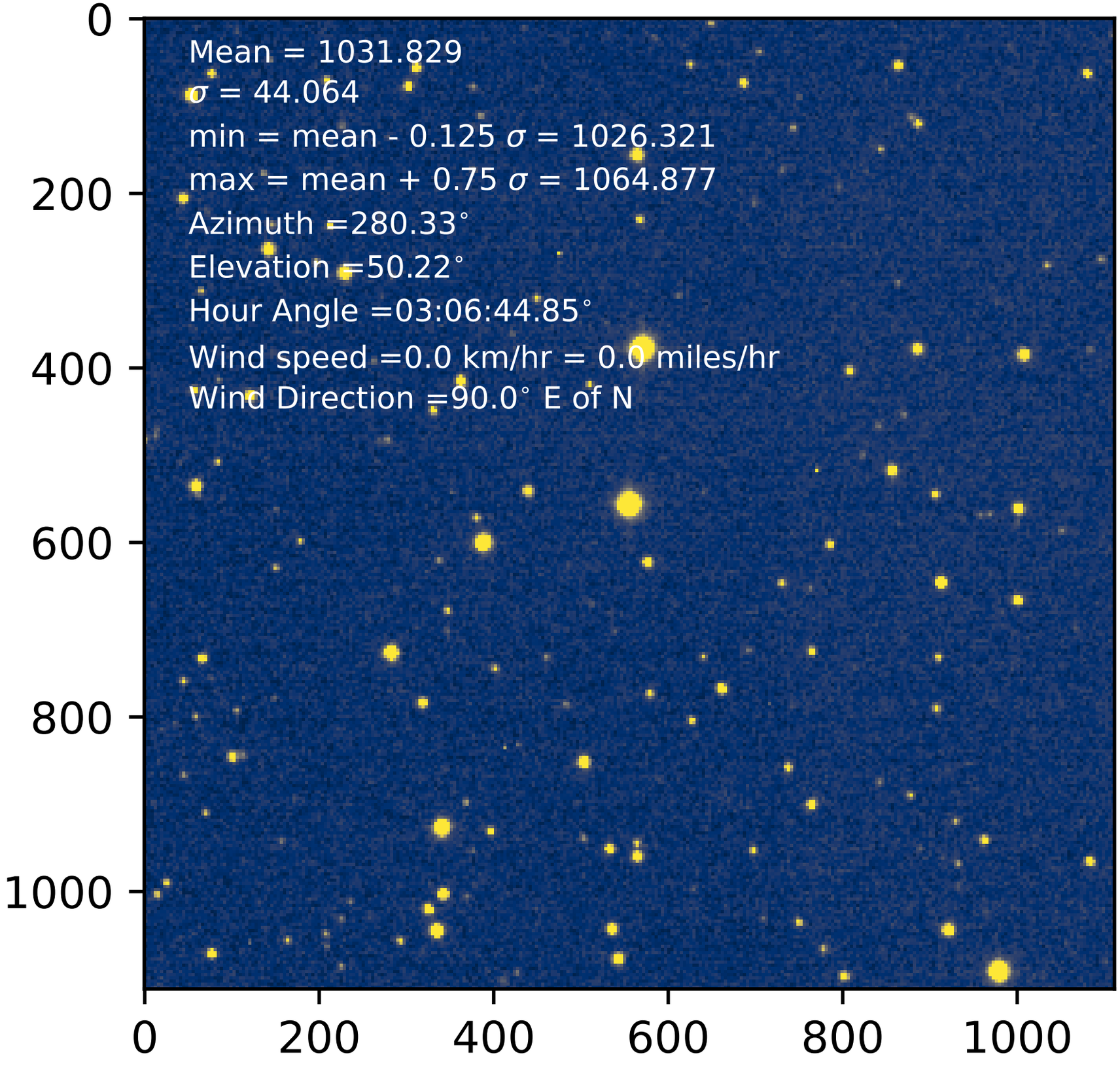

Mean = 1031.527
σ = 43.534
min = mean - 0.125 σ = 1026.085
max = mean + 0.75 σ = 1064.178
Azimuth =280.02°
Elevation =50.98°
Hour Angle =03:03:07.26°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

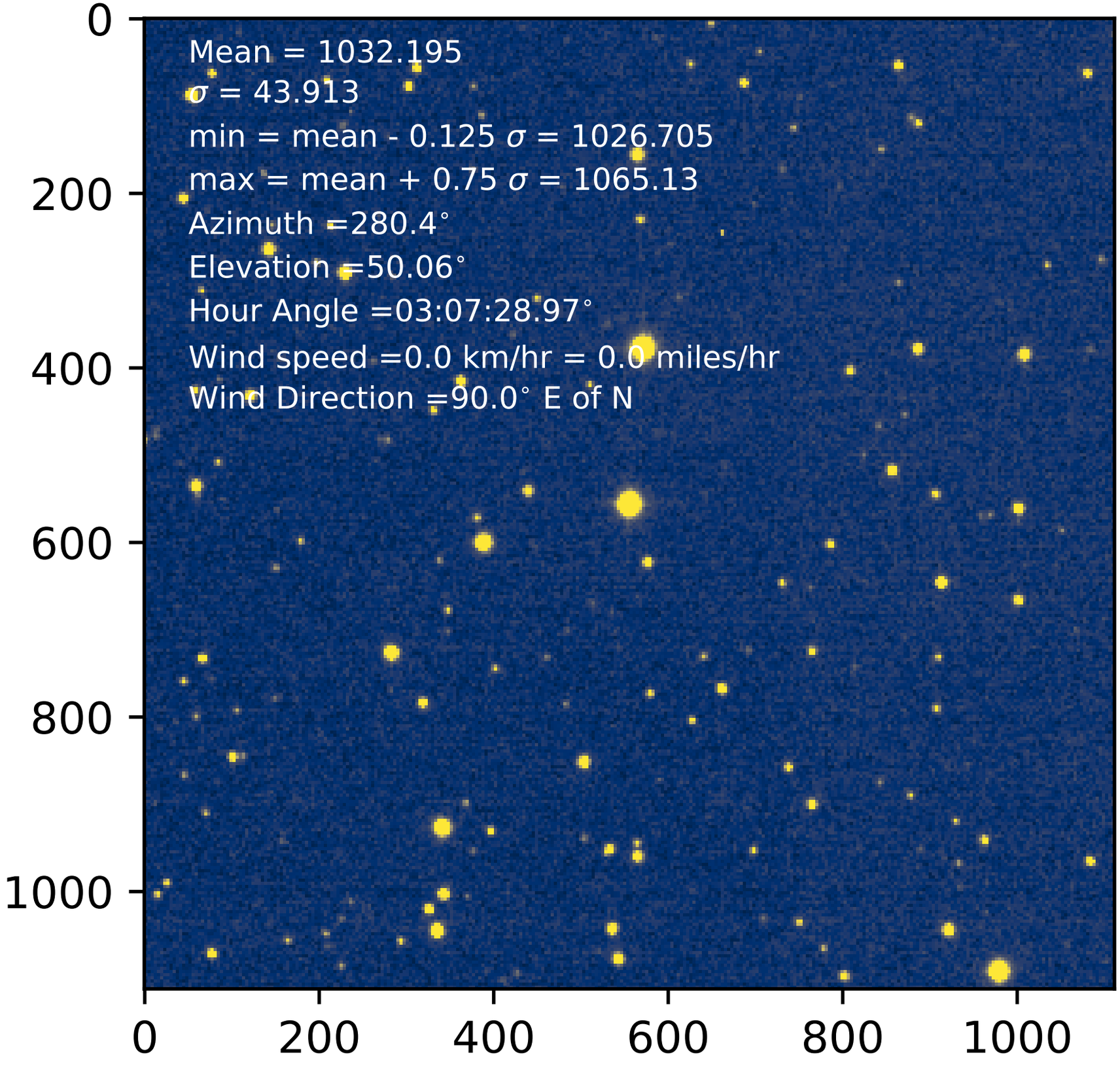

Mean = 1031.345
σ = 42.935
min = mean - 0.125 σ = 1025.978
max = mean + 0.75 σ = 1063.546
Azimuth =280.08°
Elevation =50.82°
Hour Angle =03:03:50.38°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

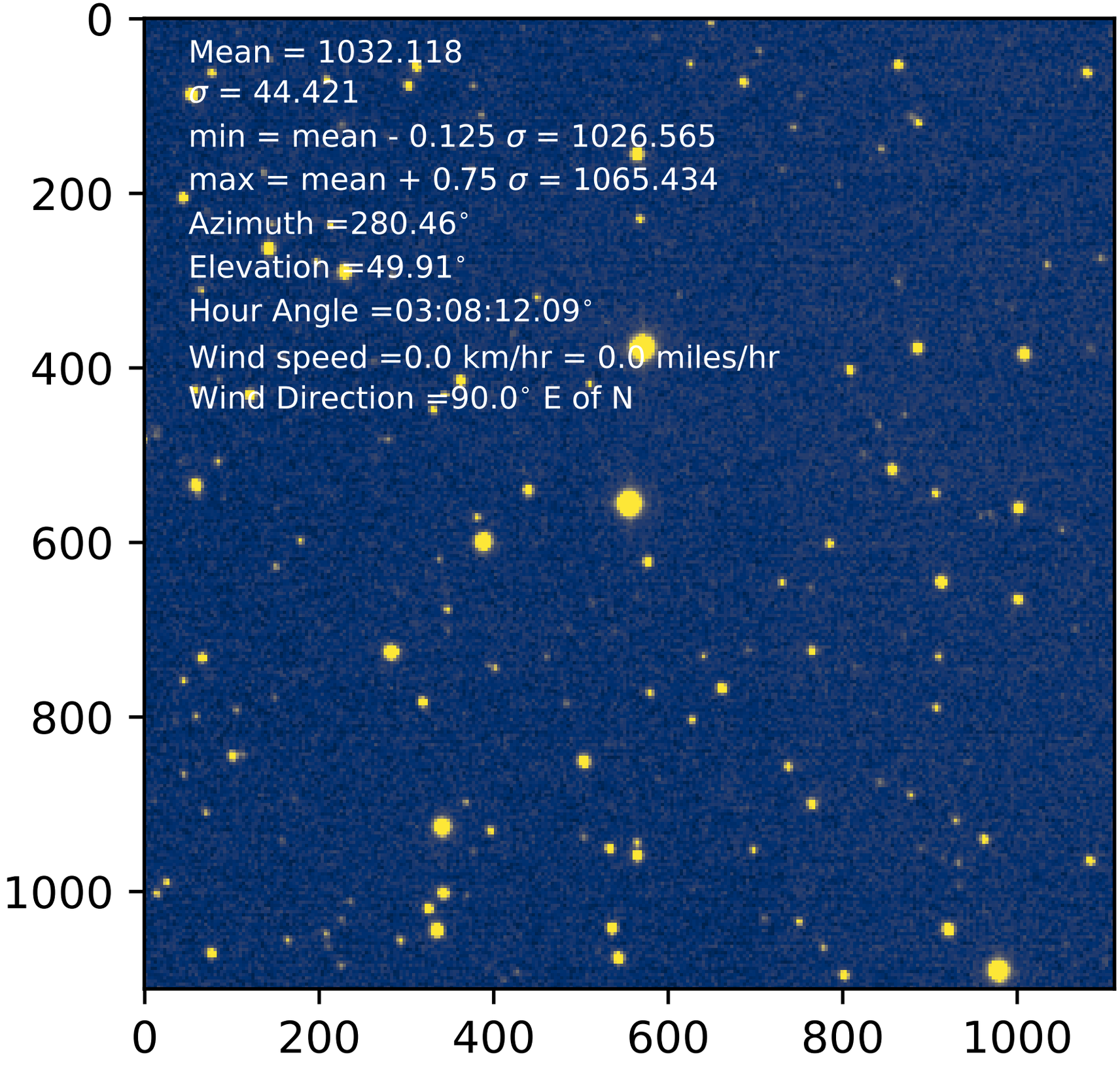

Mean = 1031.212
σ = 43.109
min = mean - 0.125 σ = 1025.823
max = mean + 0.75 σ = 1063.543
Azimuth =280.15°
Elevation =50.67°
Hour Angle =03:04:34.50°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1031.456
σ = 43.567
min = mean - 0.125 σ = 1026.01
max = mean + 0.75 σ = 1064.132
Azimuth =280.21°
Elevation =50.52°
Hour Angle =03:05:17.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1031.662
σ = 43.433
min = mean - 0.125 σ = 1026.233
max = mean + 0.75 σ = 1064.237
Azimuth =280.27°
Elevation =50.37°
Hour Angle =03:06:01.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1031.829
σ = 44.064
min = mean - 0.125 σ = 1026.321
max = mean + 0.75 σ = 1064.877
Azimuth =280.33°
Elevation =50.22°
Hour Angle =03:06:44.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1032.195
σ = 43.913
min = mean - 0.125 σ = 1026.705
max = mean + 0.75 σ = 1065.13
Azimuth =280.4°
Elevation =50.06°
Hour Angle =03:07:28.97°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1032.118
σ = 44.421
min = mean - 0.125 σ = 1026.565
max = mean + 0.75 σ = 1065.434
Azimuth =280.46°
Elevation =49.91°
Hour Angle =03:08:12.09°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
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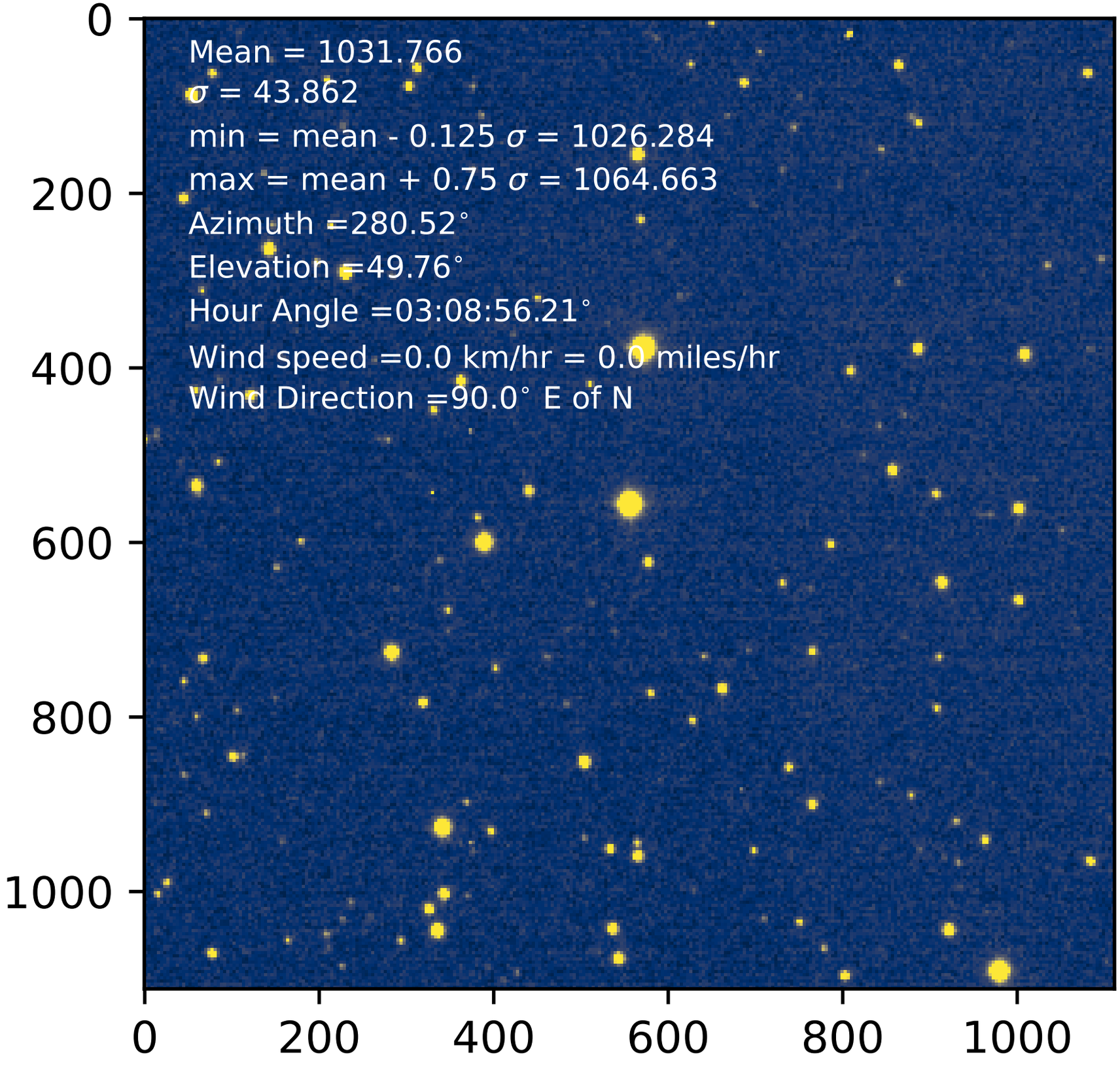
400
600
800
1000


Mean = 1031.766
σ = 43.862
min = mean - 0.125 σ = 1026.284
max = mean + 0.75 σ = 1064.663
Azimuth =280.52°
Elevation =49.76°
Hour Angle =03:08:56.21°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
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400
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800
1000
0
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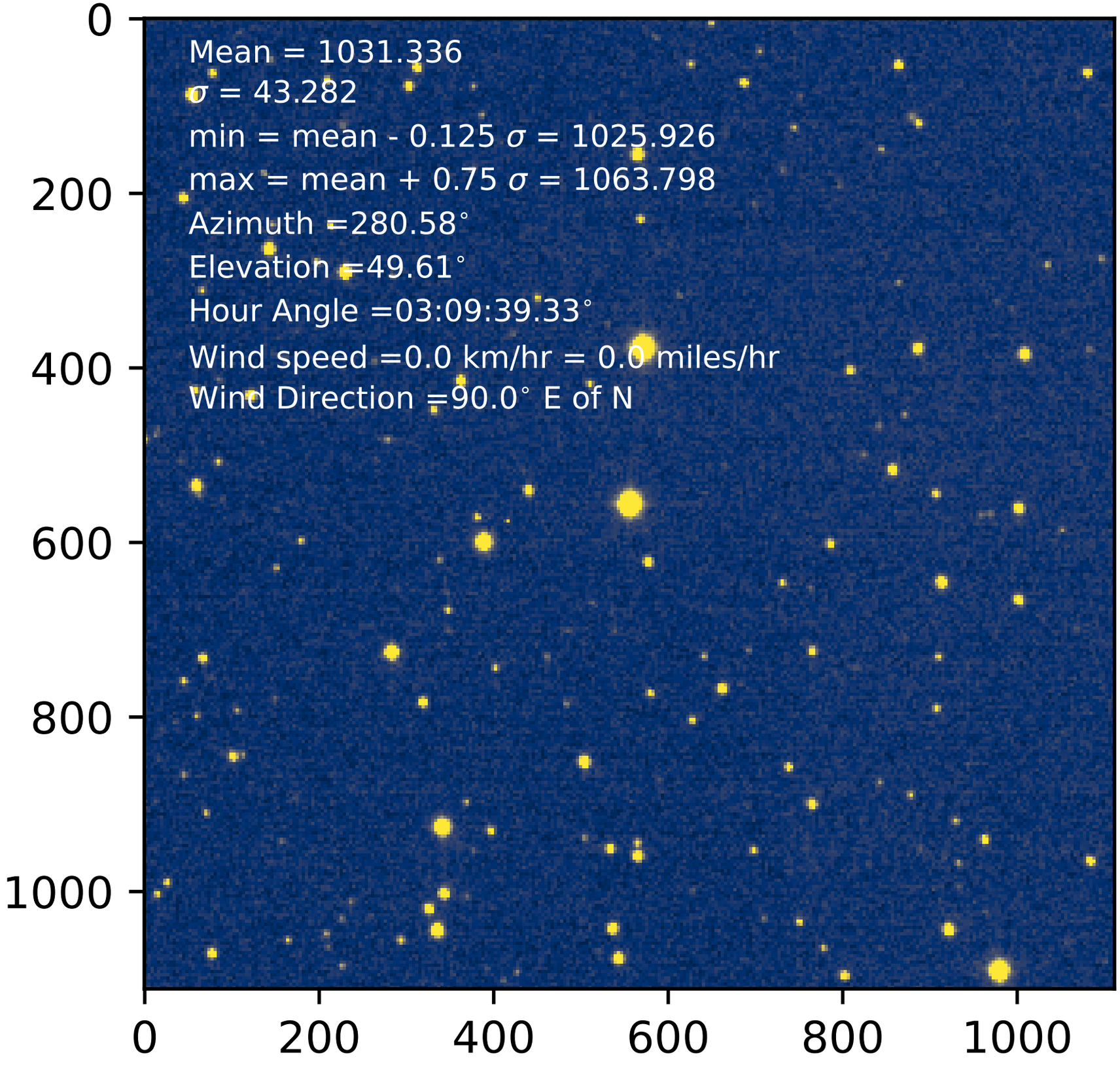
400
600
800
1000


Mean = 1031.336
σ = 43.282
min = mean - 0.125 σ = 1025.926
max = mean + 0.75 σ = 1063.798
Azimuth =280.58°
Elevation =49.61°
Hour Angle =03:09:39.33°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
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400
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800
1000
0
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400
600
800
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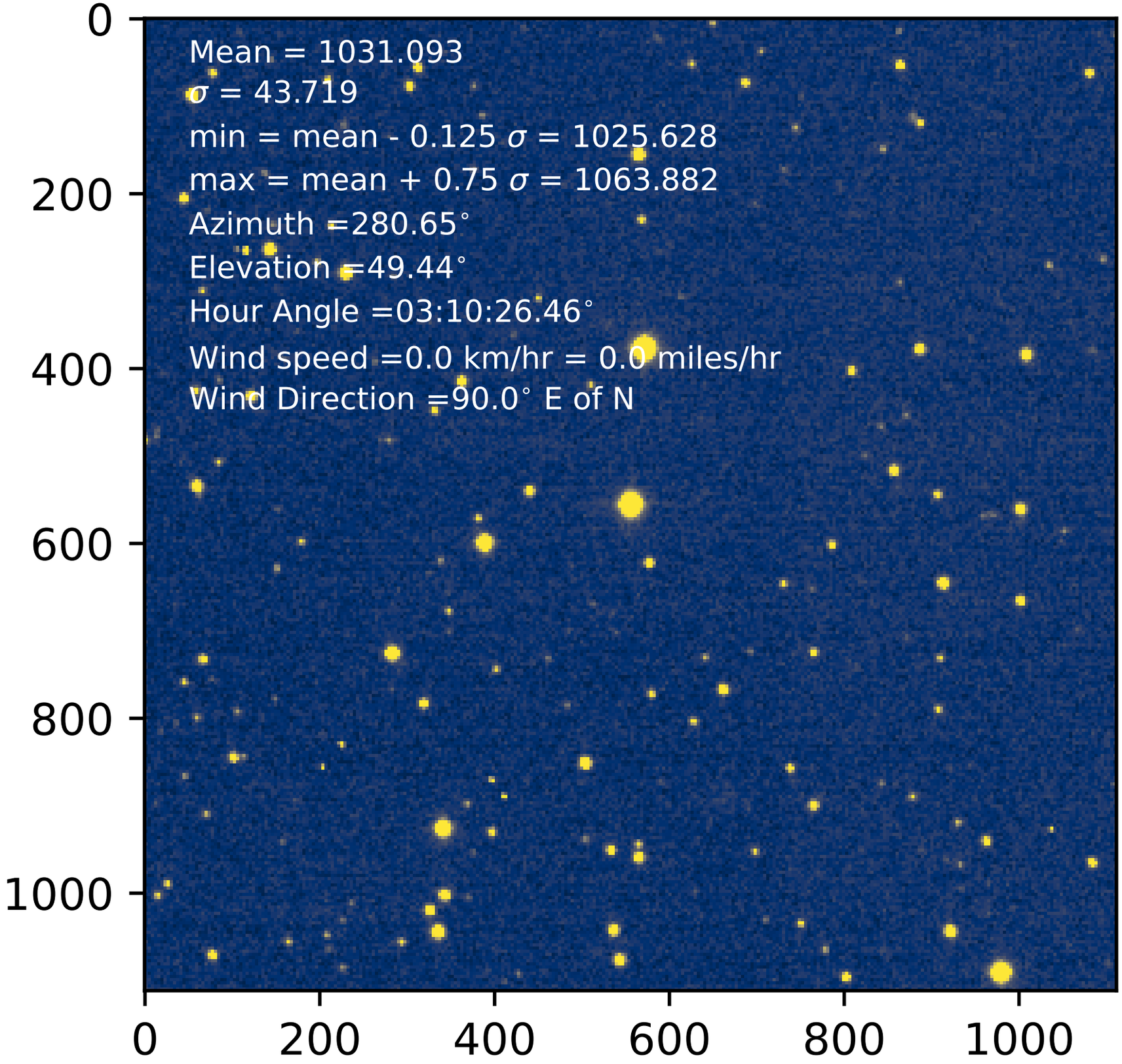
Mean = 1031.093
σ = 43.719
min = mean - 0.125 σ = 1025.628
max = mean + 0.75 σ = 1063.882
Azimuth =280.65°
Elevation =49.44°
Hour Angle =03:10:26.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
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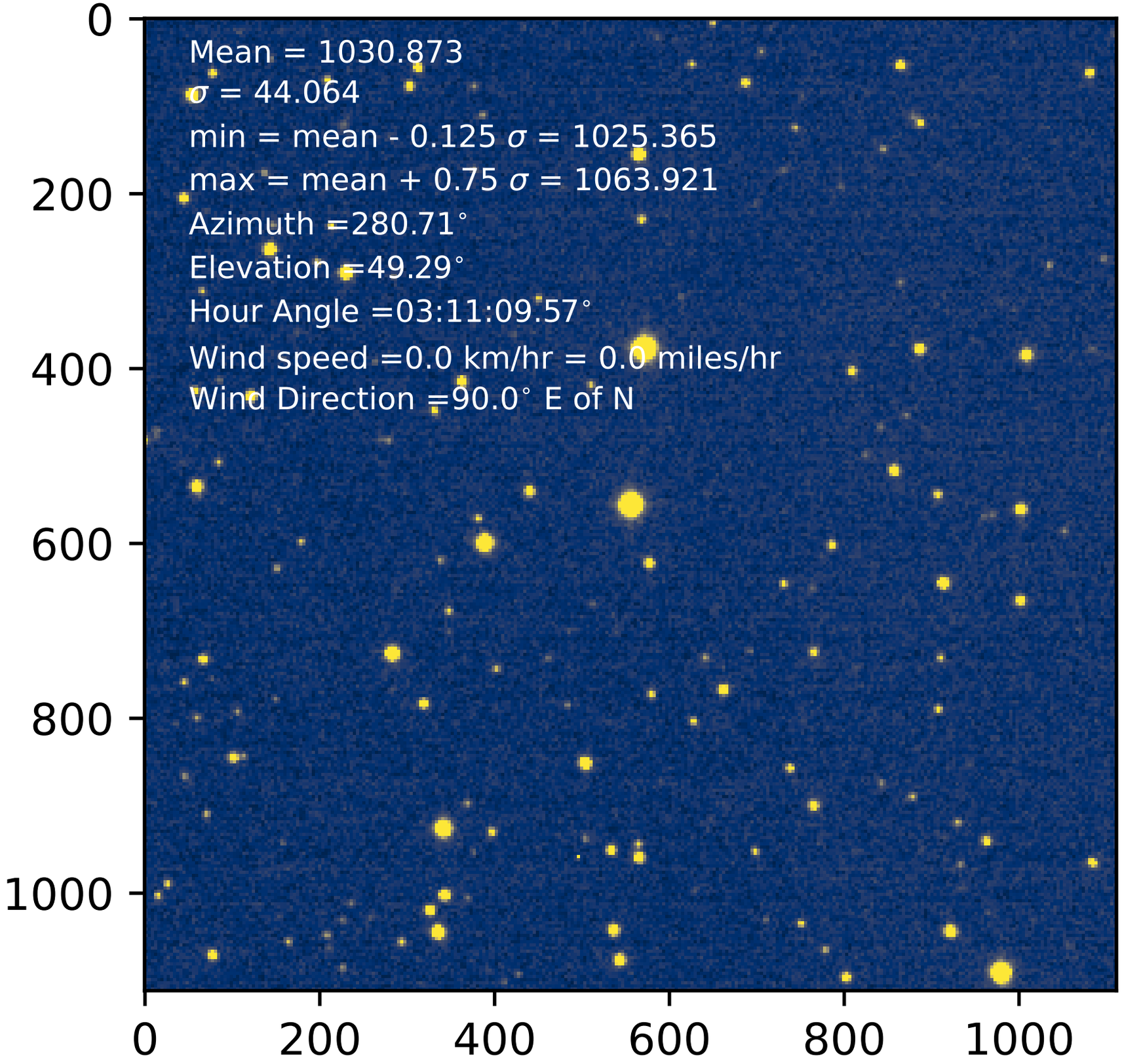
400
600
800
1000


Mean = 1030.873
σ = 44.064
min = mean - 0.125 σ = 1025.365
max = mean + 0.75 σ = 1063.921
Azimuth =280.71°
Elevation =49.29°
Hour Angle =03:11:09.57°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
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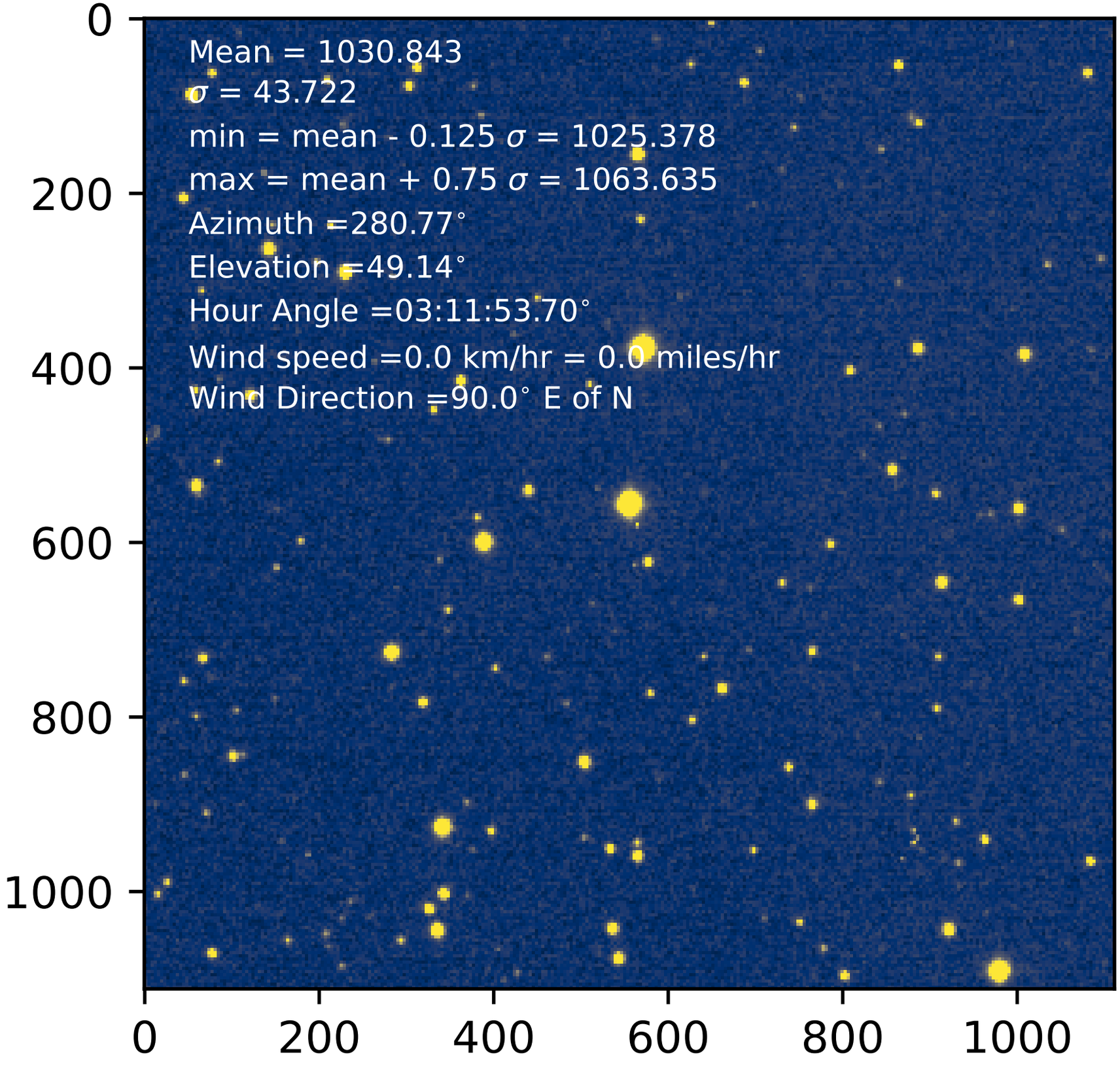
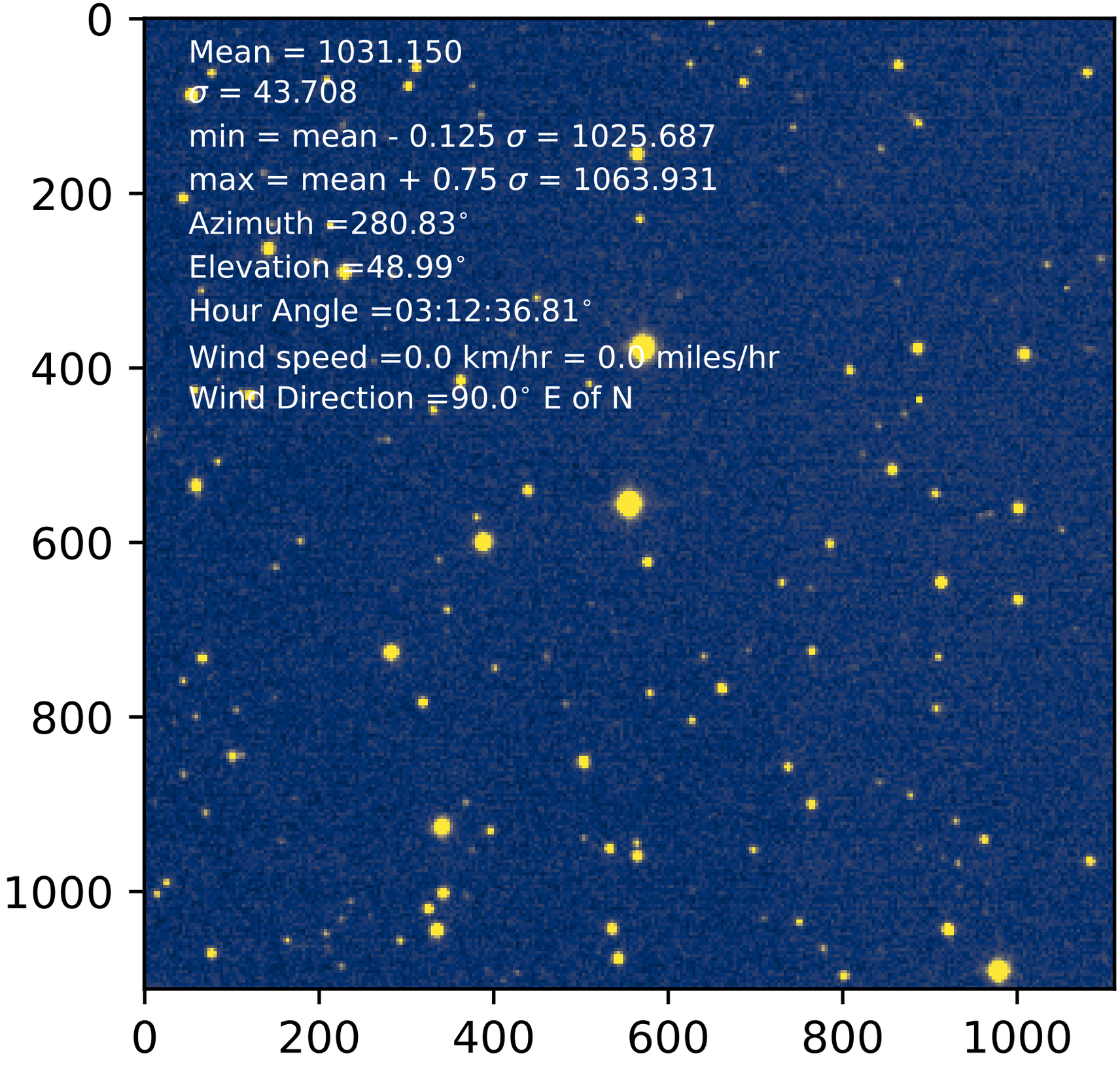
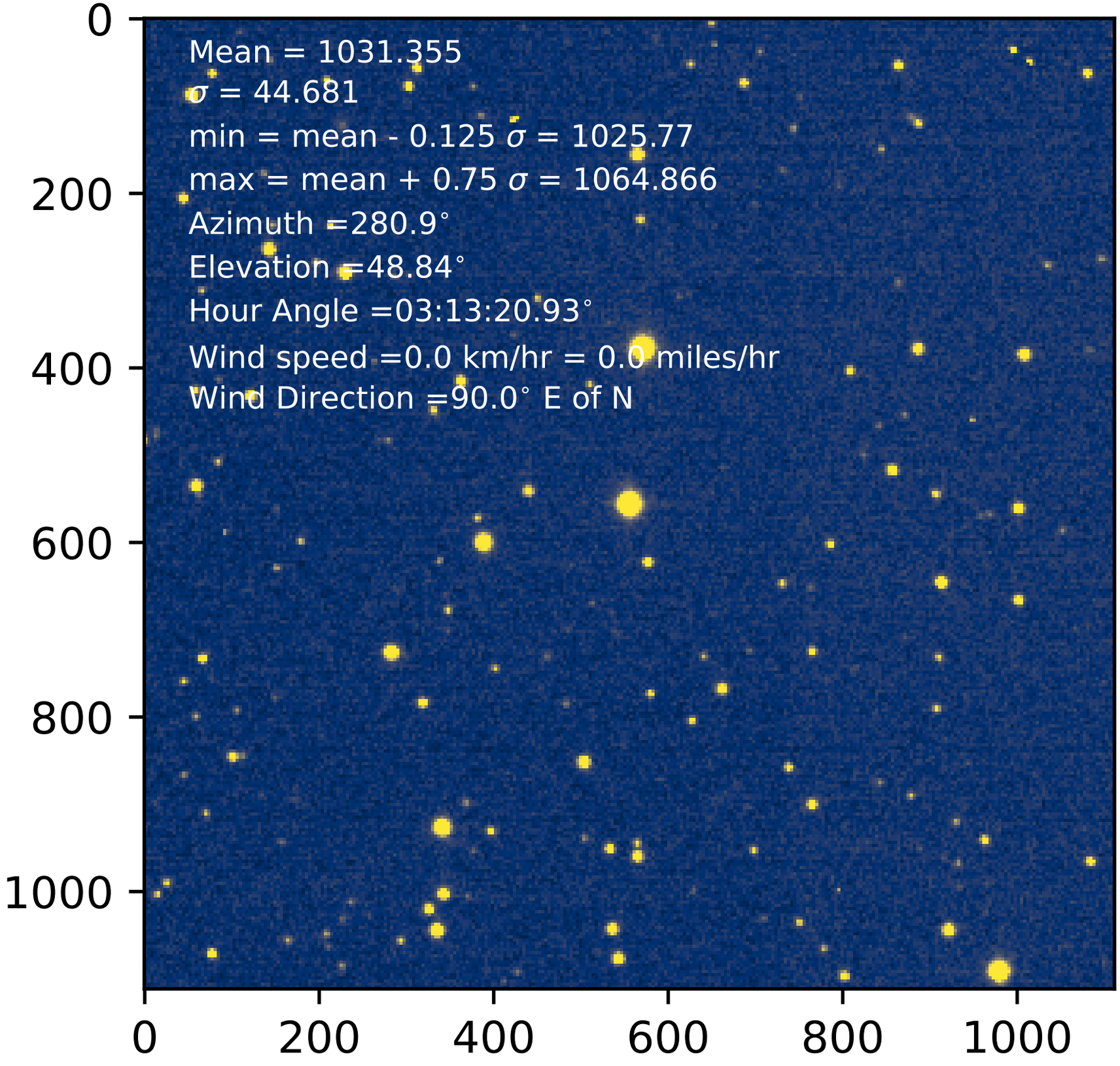
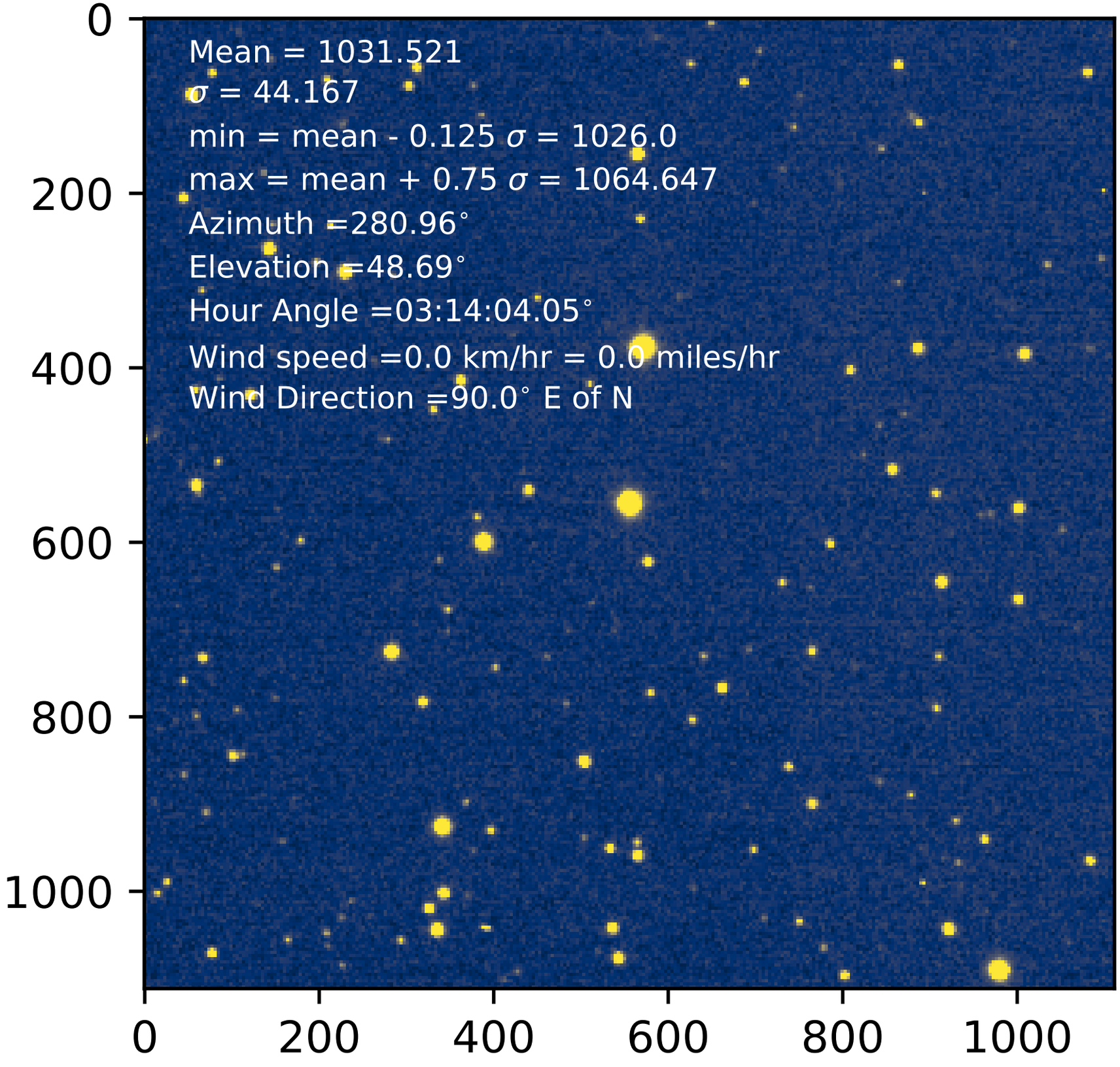
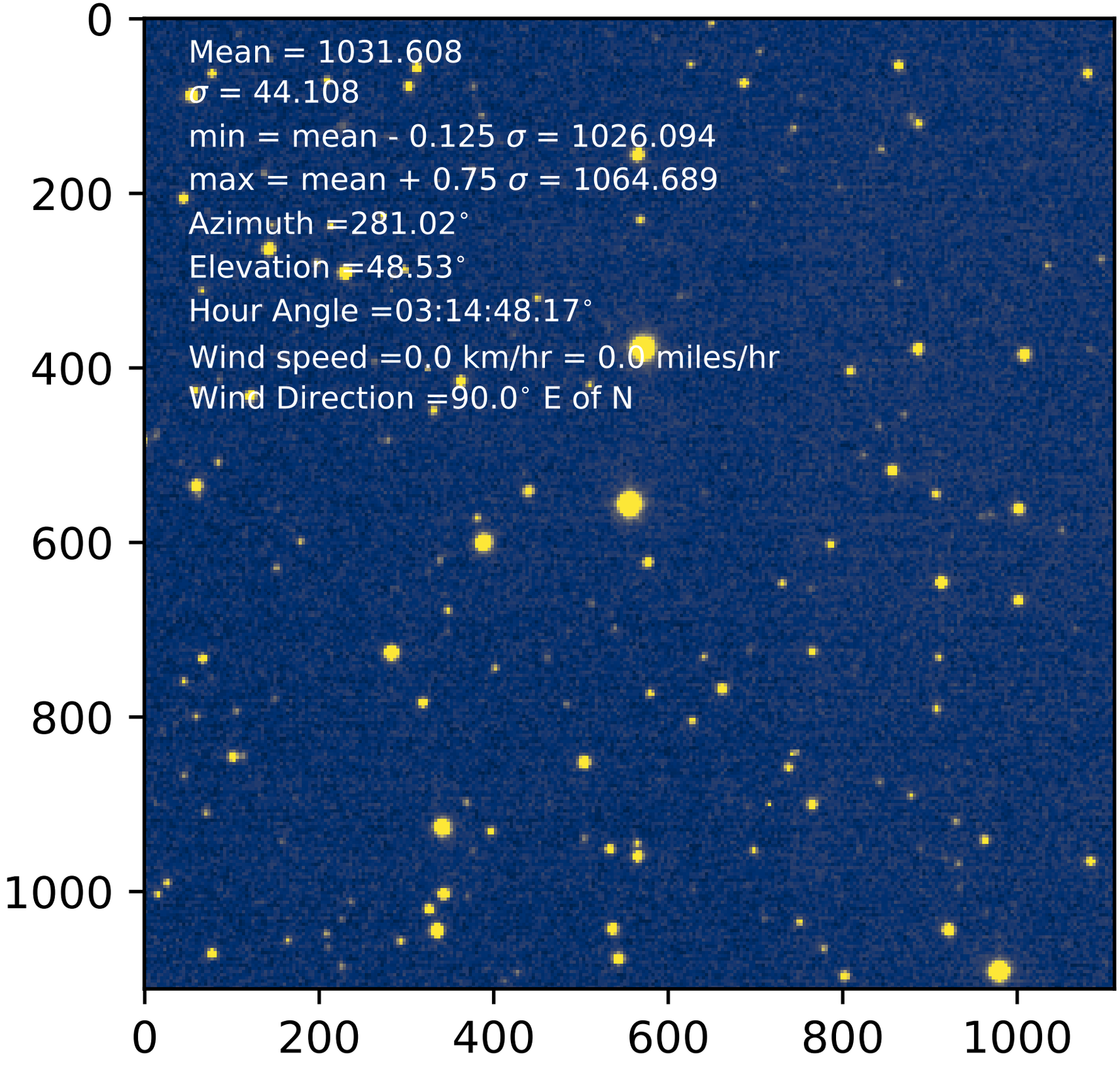
400
600
800
1000

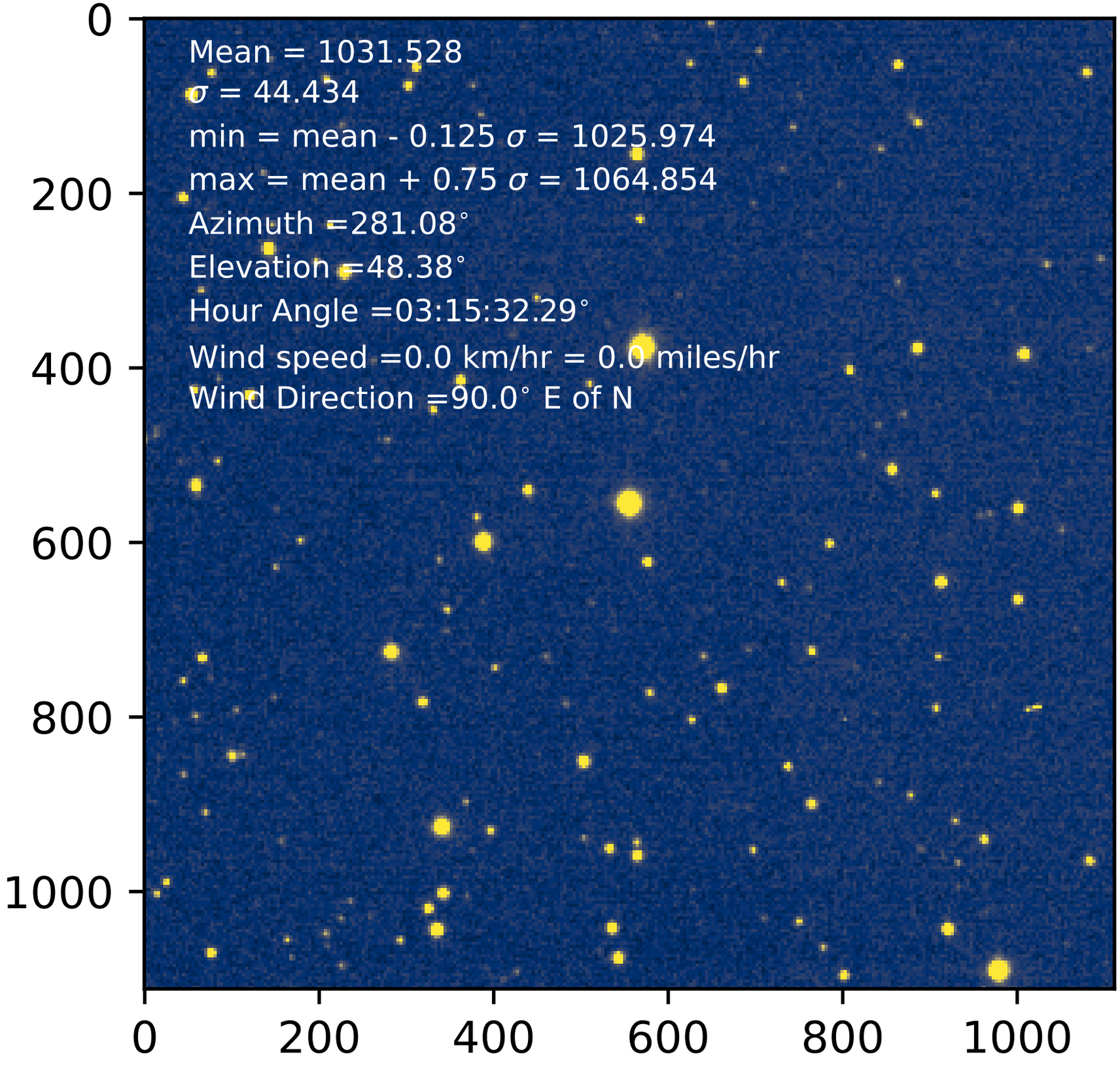

Mean = 1030.843
σ = 43.722
min = mean - 0.125 σ = 1025.378
max = mean + 0.75 σ = 1063.635
Azimuth =280.77°
Elevation =49.14°
Hour Angle =03:11:53.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

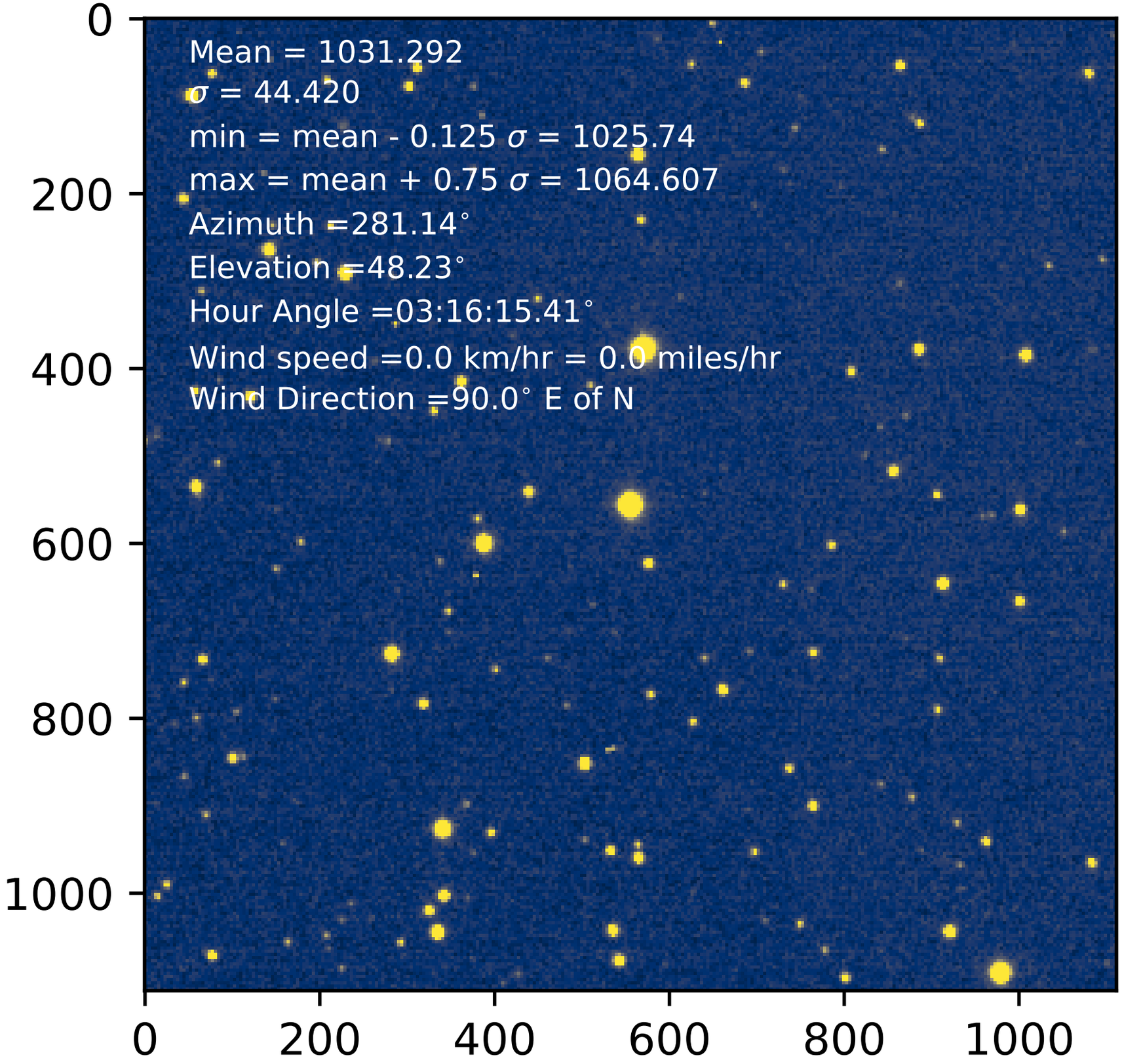

Mean = 1031.150
σ = 43.708
min = mean - 0.125 σ = 1025.687
max = mean + 0.75 σ = 1063.931
Azimuth =280.83°
Elevation =48.99°
Hour Angle =03:12:36.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

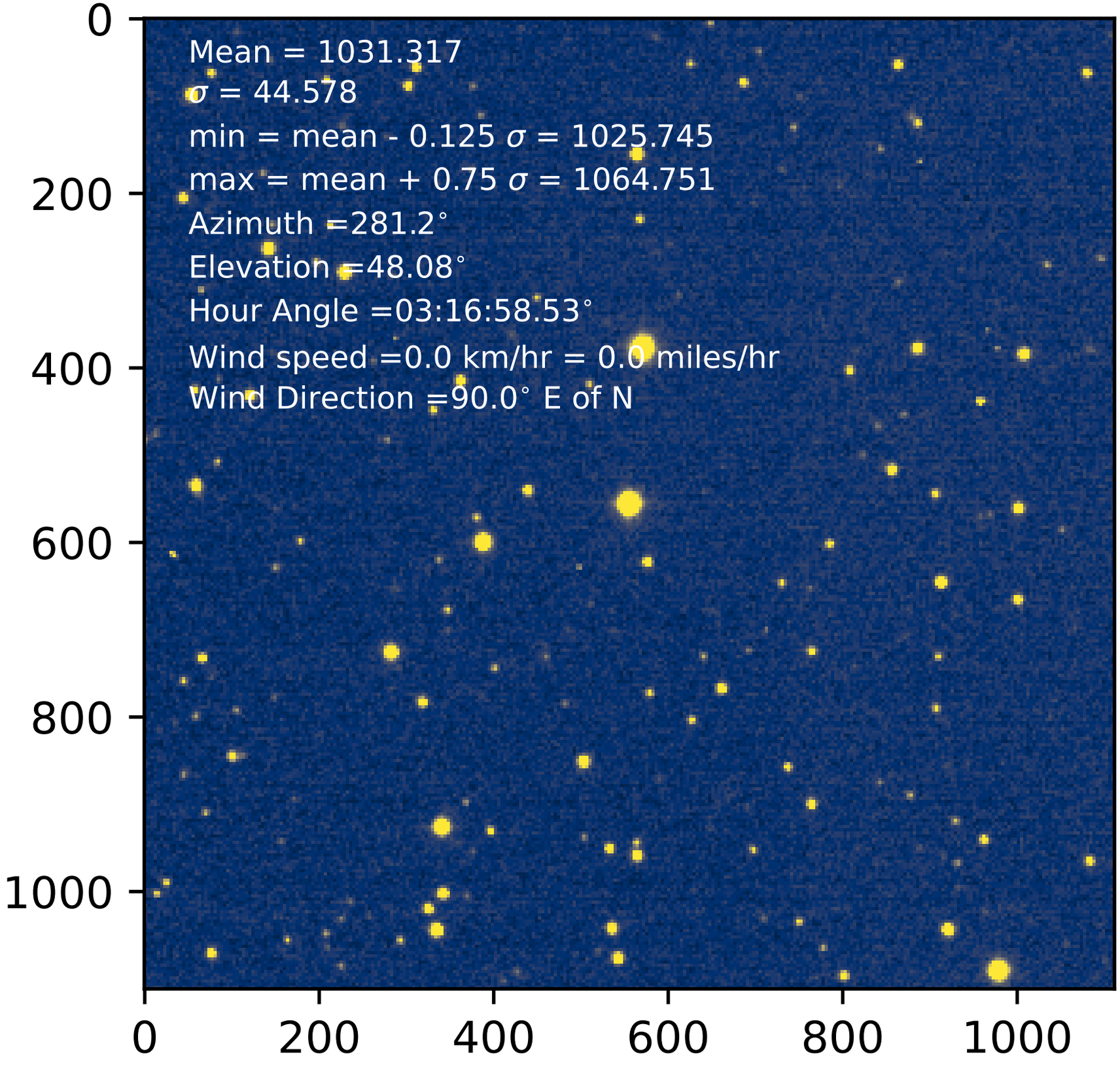

Mean = 1031.355
σ = 44.681
min = mean - 0.125 σ = 1025.77
max = mean + 0.75 σ = 1064.866
Azimuth =280.9°
Elevation =48.84°
Hour Angle =03:13:20.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

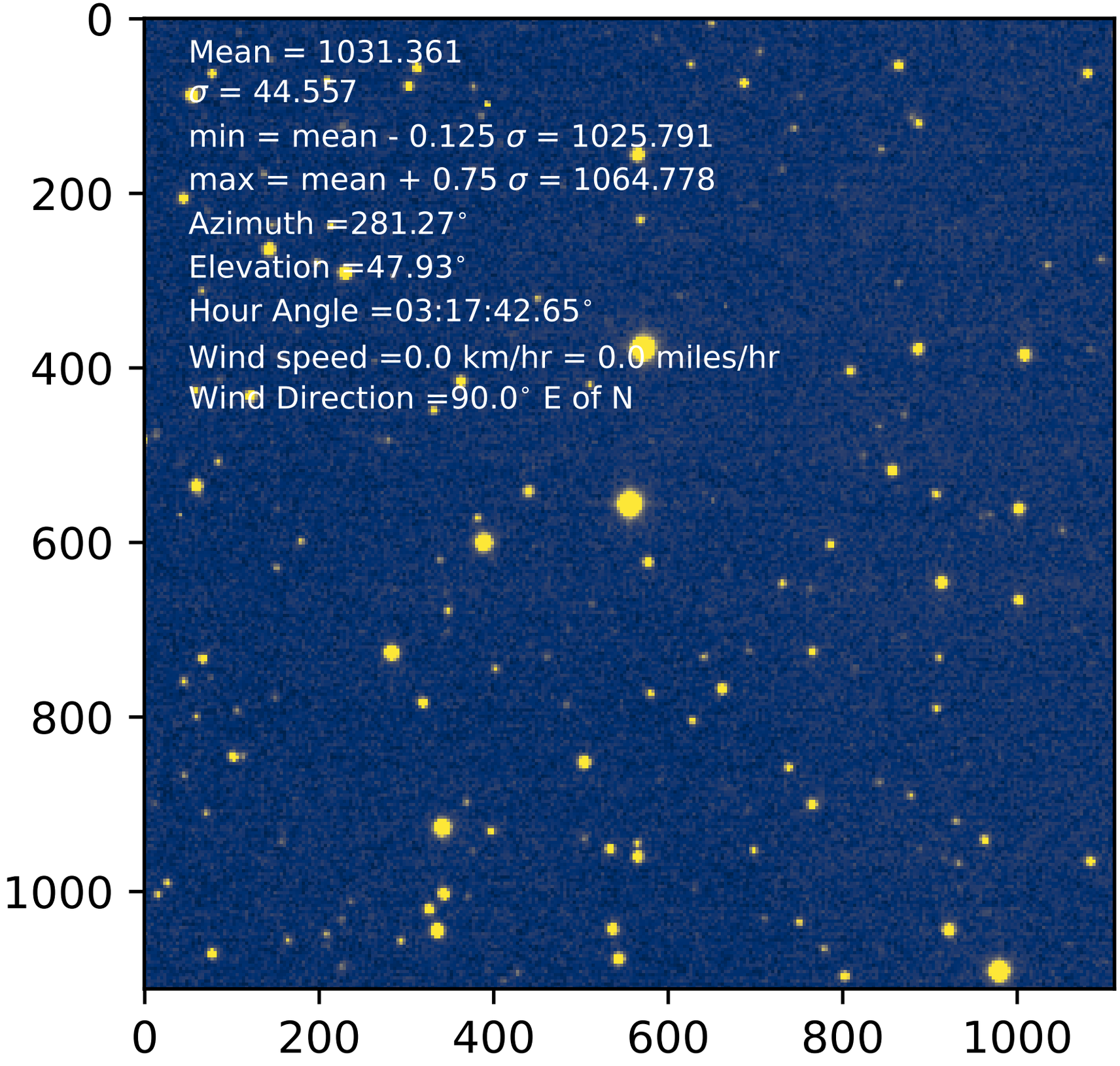

Mean = 1031.521
σ = 44.167
min = mean - 0.125 σ = 1026.0
max = mean + 0.75 σ = 1064.647
Azimuth =280.96°
Elevation =48.69°
Hour Angle =03:14:04.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

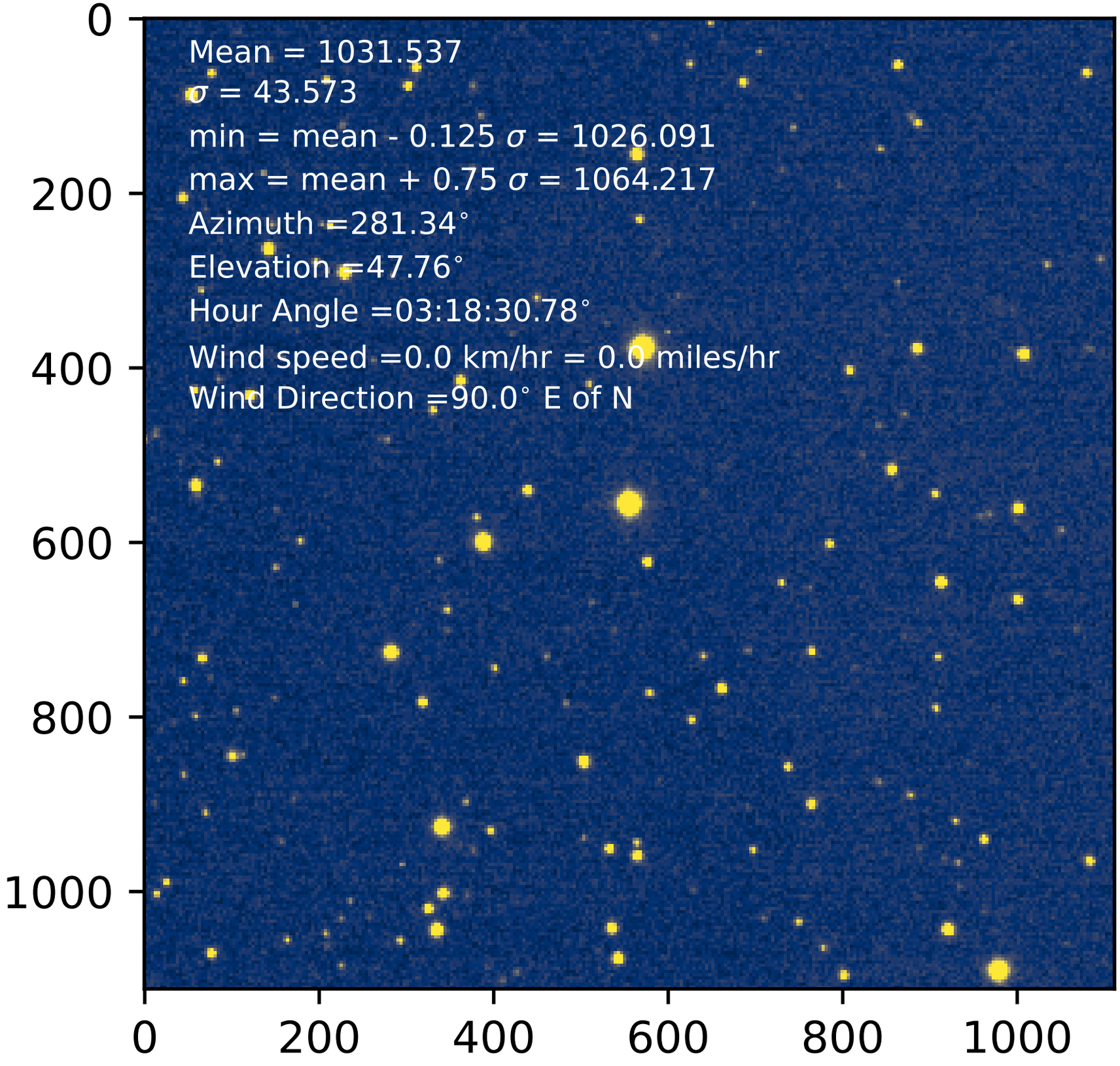

Mean = 1031.608
σ = 44.108
min = mean - 0.125 σ = 1026.094
max = mean + 0.75 σ = 1064.689
Azimuth =281.02°
Elevation =48.53°
Hour Angle =03:14:48.17°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

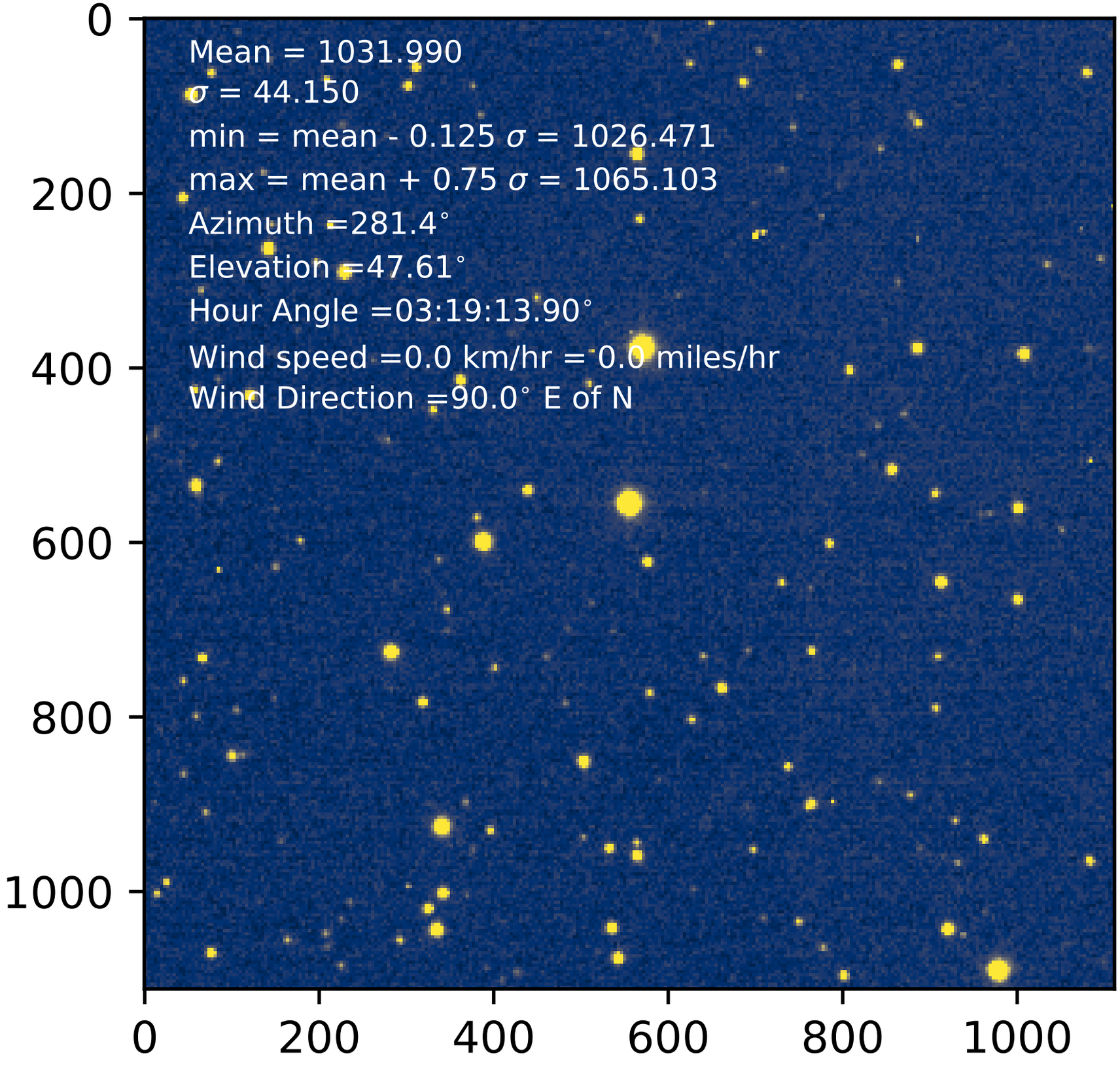

Mean = 1031.528
σ = 44.434
min = mean - 0.125 σ = 1025.974
max = mean + 0.75 σ = 1064.854
Azimuth =281.08°
Elevation =48.38°
Hour Angle =03:15:32.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

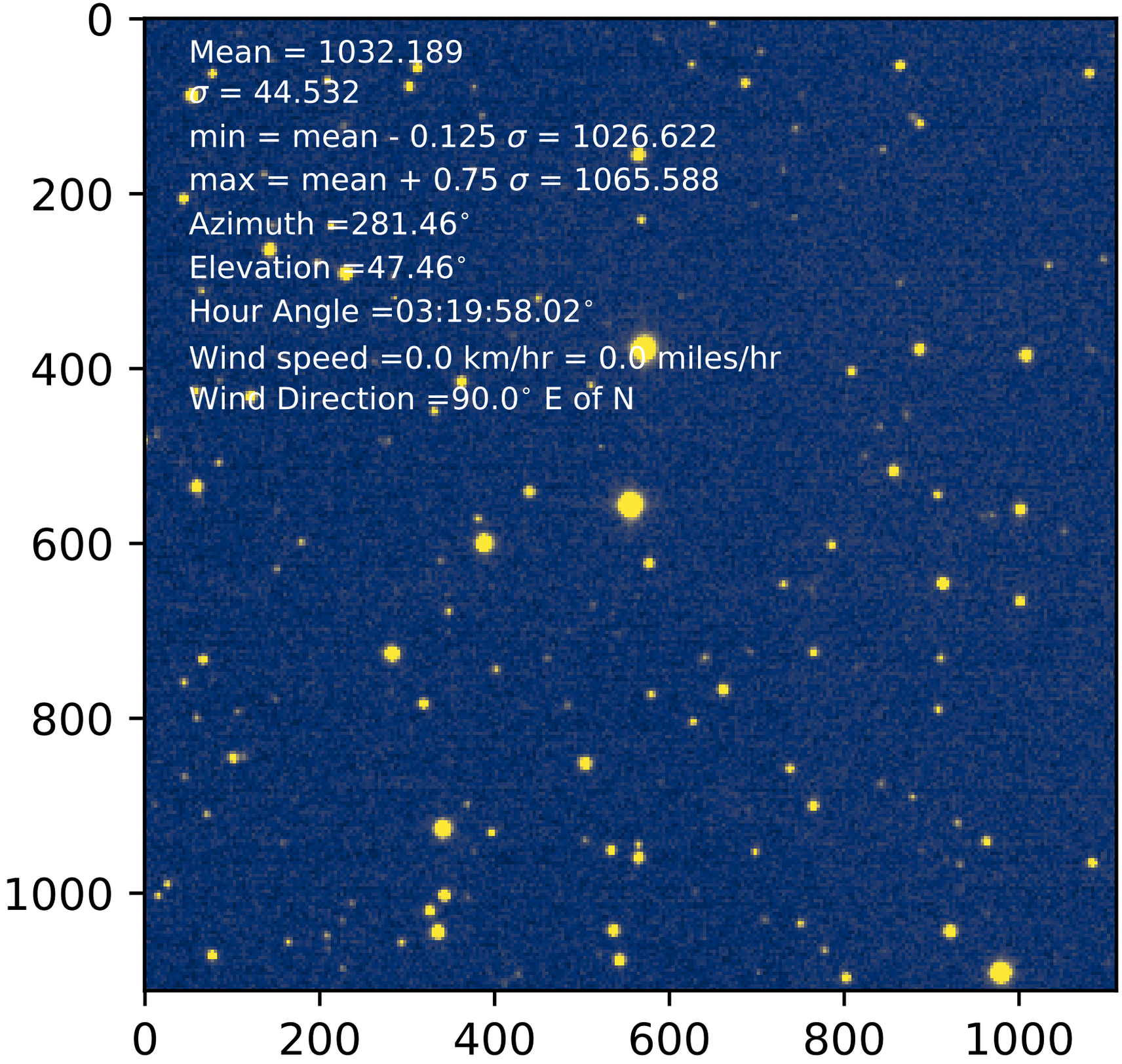

Mean = 1031.292
σ = 44.420
min = mean - 0.125 σ = 1025.74
max = mean + 0.75 σ = 1064.607
Azimuth =281.14°
Elevation =48.23°
Hour Angle =03:16:15.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

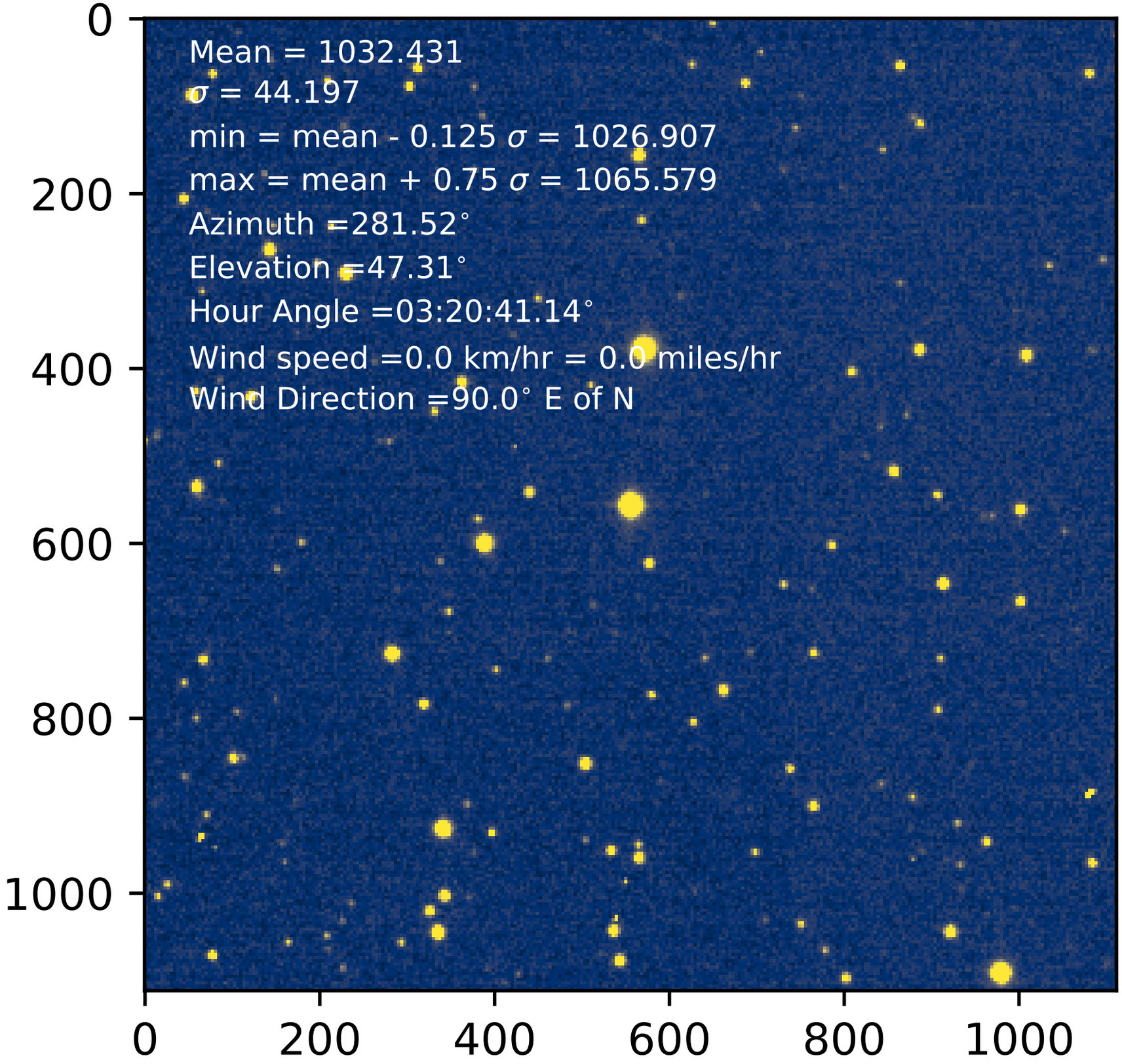

Mean = 1031.317
σ = 44.578
min = mean - 0.125 σ = 1025.745
max = mean + 0.75 σ = 1064.751
Azimuth =281.2°
Elevation =48.08°
Hour Angle =03:16:58.53°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

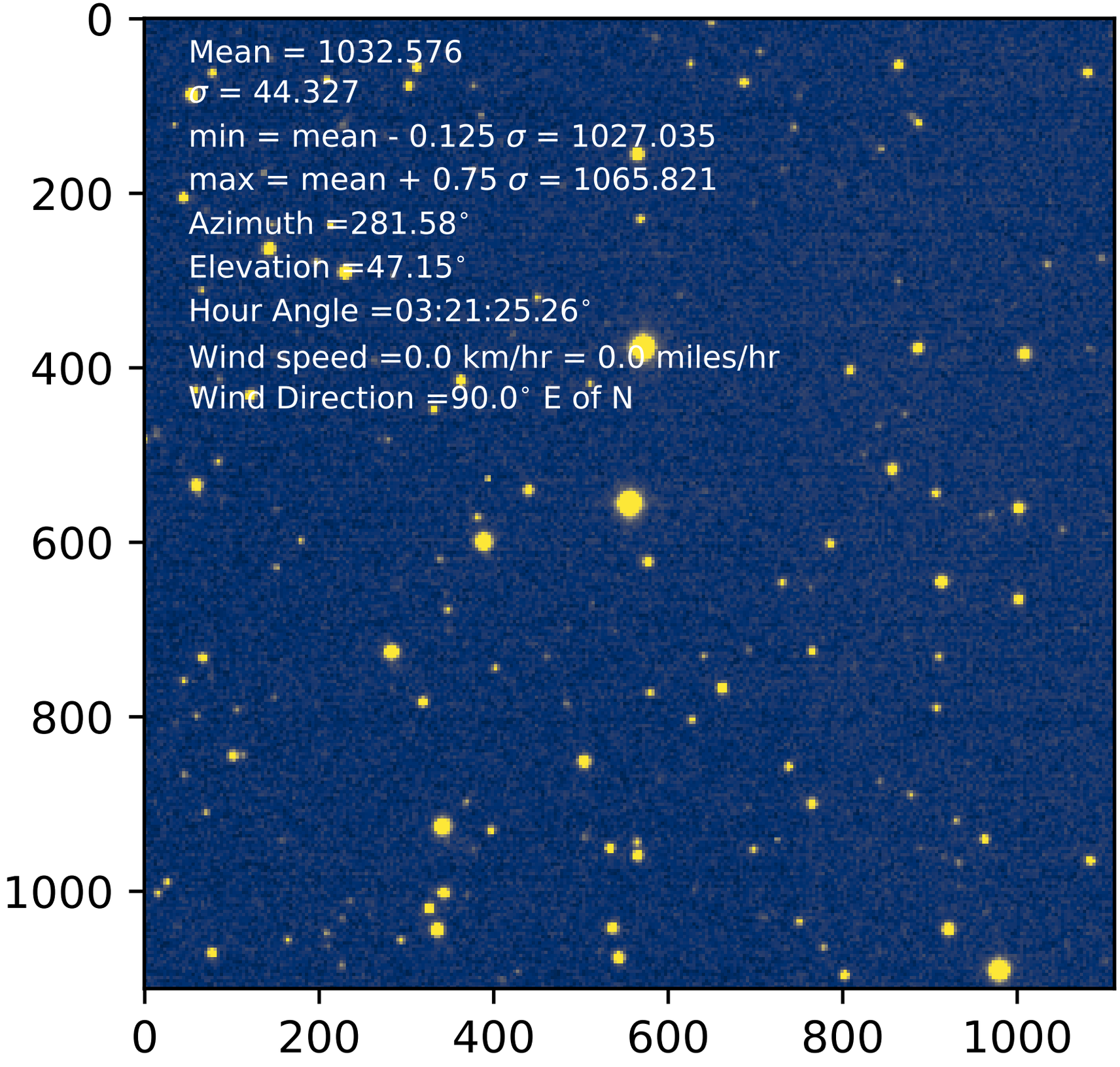

Mean = 1031.361
σ = 44.557
min = mean - 0.125 σ = 1025.791
max = mean + 0.75 σ = 1064.778
Azimuth =281.27°
Elevation =47.93°
Hour Angle =03:17:42.65°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

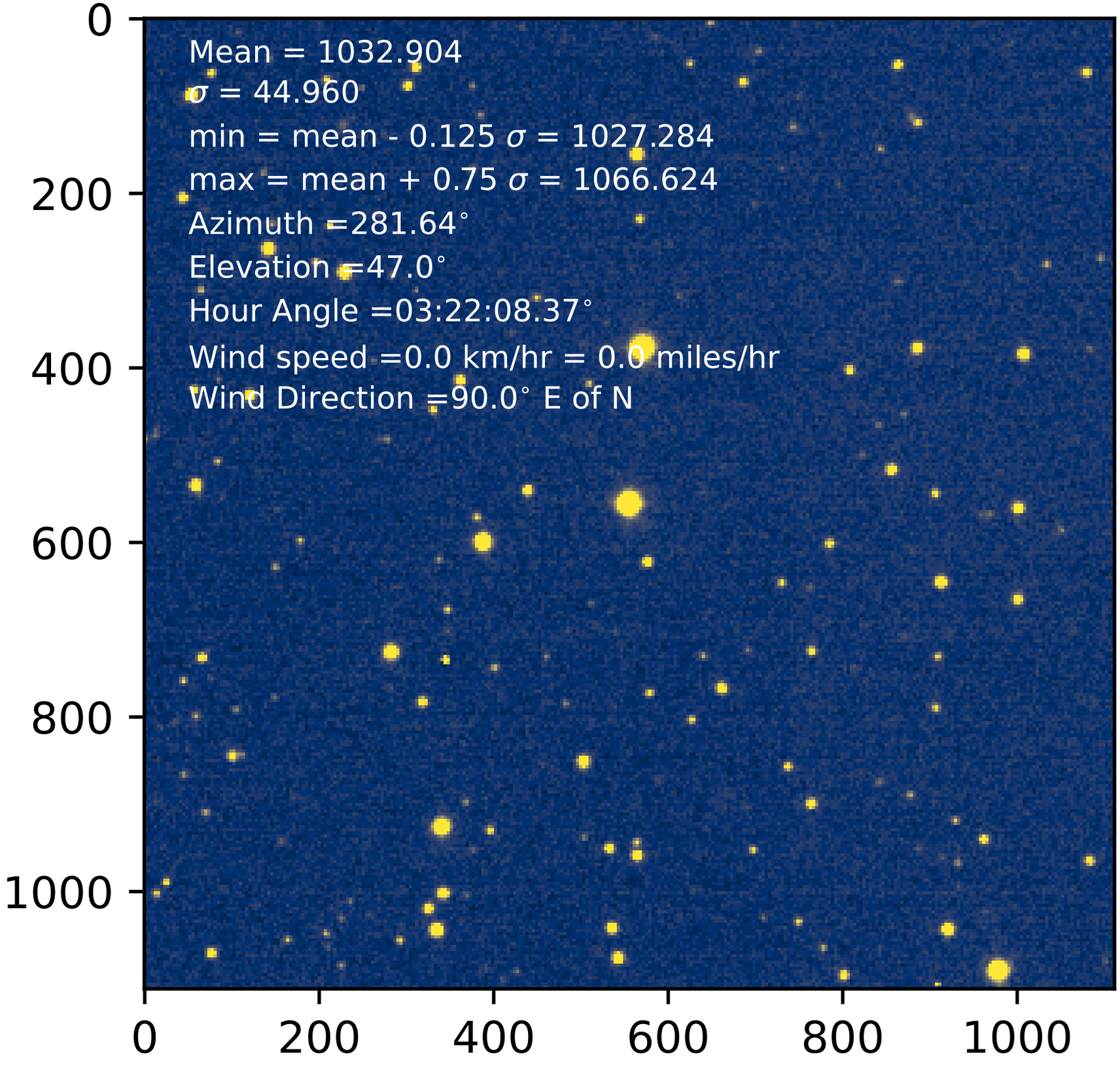

Mean = 1031.537
σ = 43.573
min = mean - 0.125 σ = 1026.091
max = mean + 0.75 σ = 1064.217
Azimuth =281.34°
Elevation =47.76°
Hour Angle =03:18:30.78°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

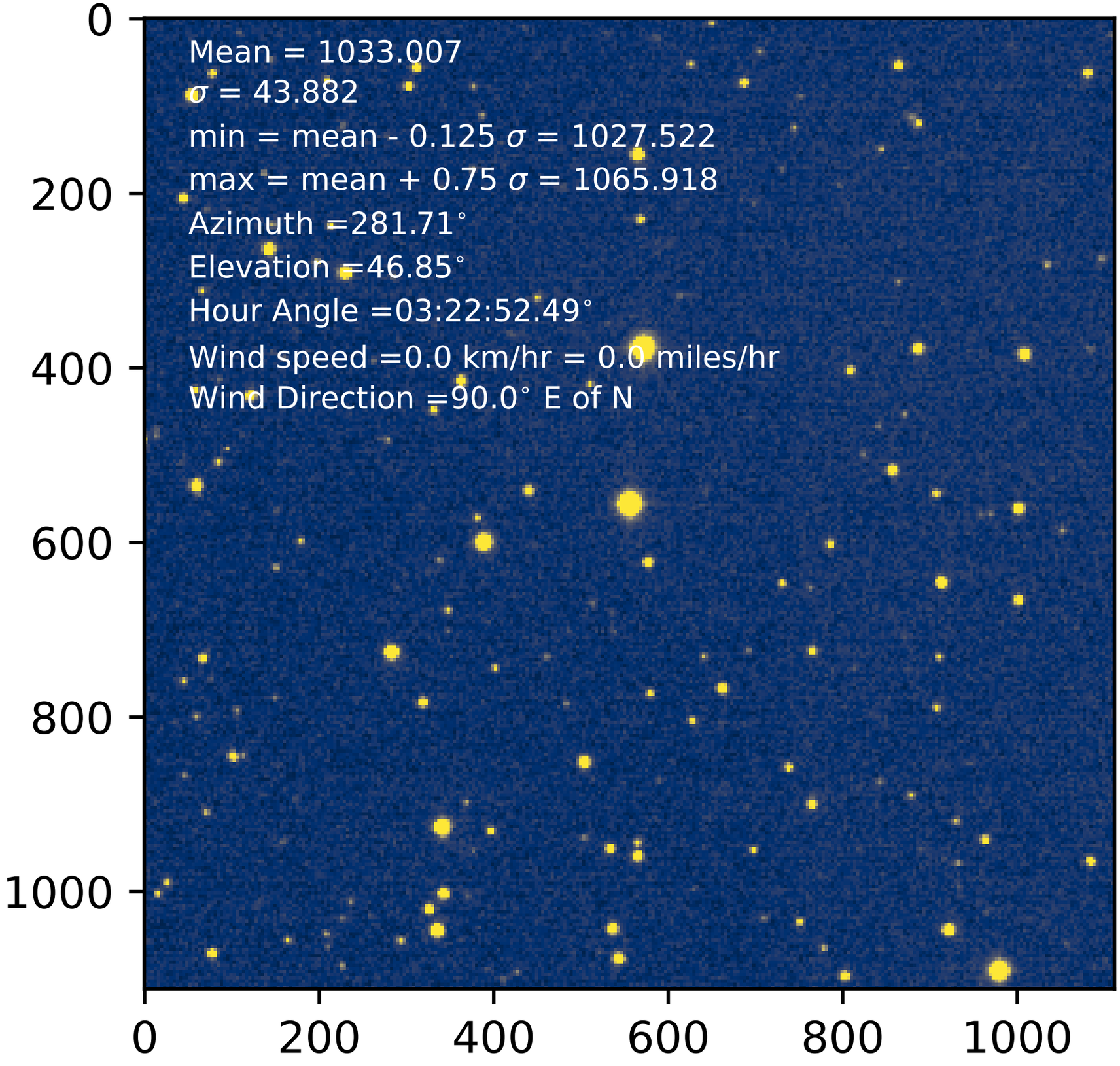

Mean = 1031.990
σ = 44.150
min = mean - 0.125 σ = 1026.471
max = mean + 0.75 σ = 1065.103
Azimuth =281.4°
Elevation =47.61°
Hour Angle =03:19:13.90°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

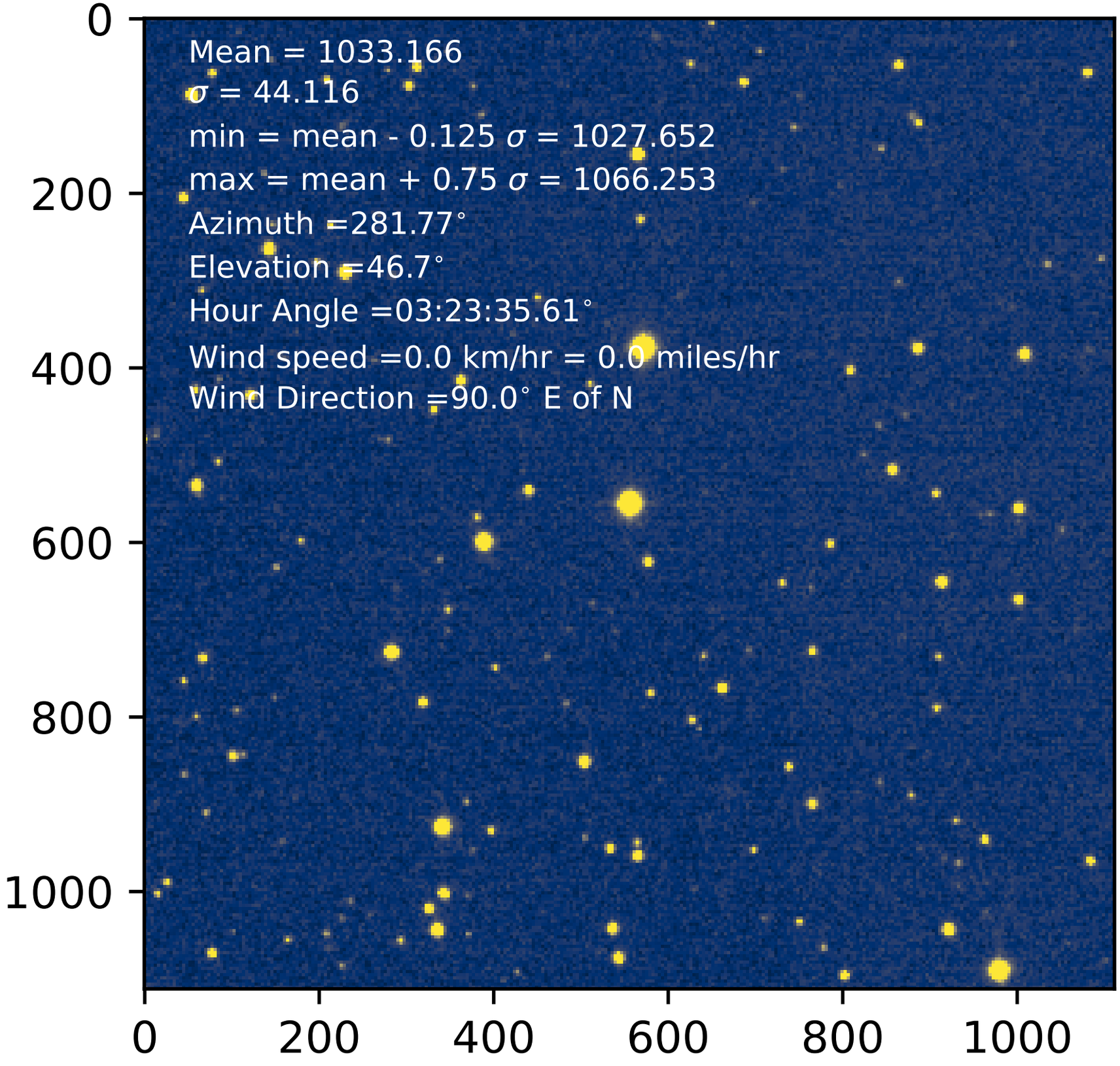

Mean = 1032.189
σ = 44.532
min = mean - 0.125 σ = 1026.622
max = mean + 0.75 σ = 1065.588
Azimuth =281.46°
Elevation =47.46°
Hour Angle =03:19:58.02°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

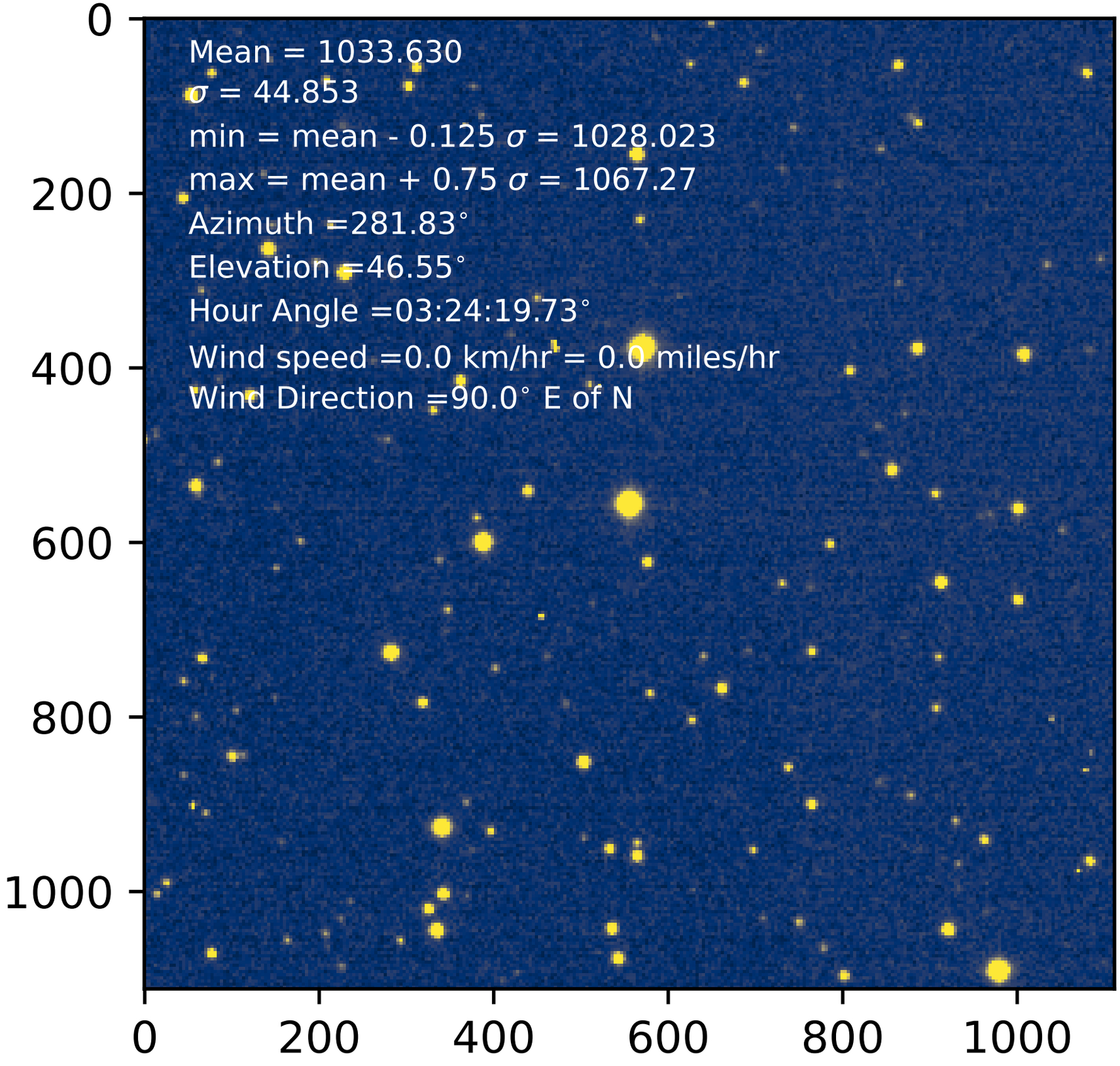

Mean = 1032.431
σ = 44.197
min = mean - 0.125 σ = 1026.907
max = mean + 0.75 σ = 1065.579
Azimuth =281.52°
Elevation =47.31°
Hour Angle =03:20:41.14°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

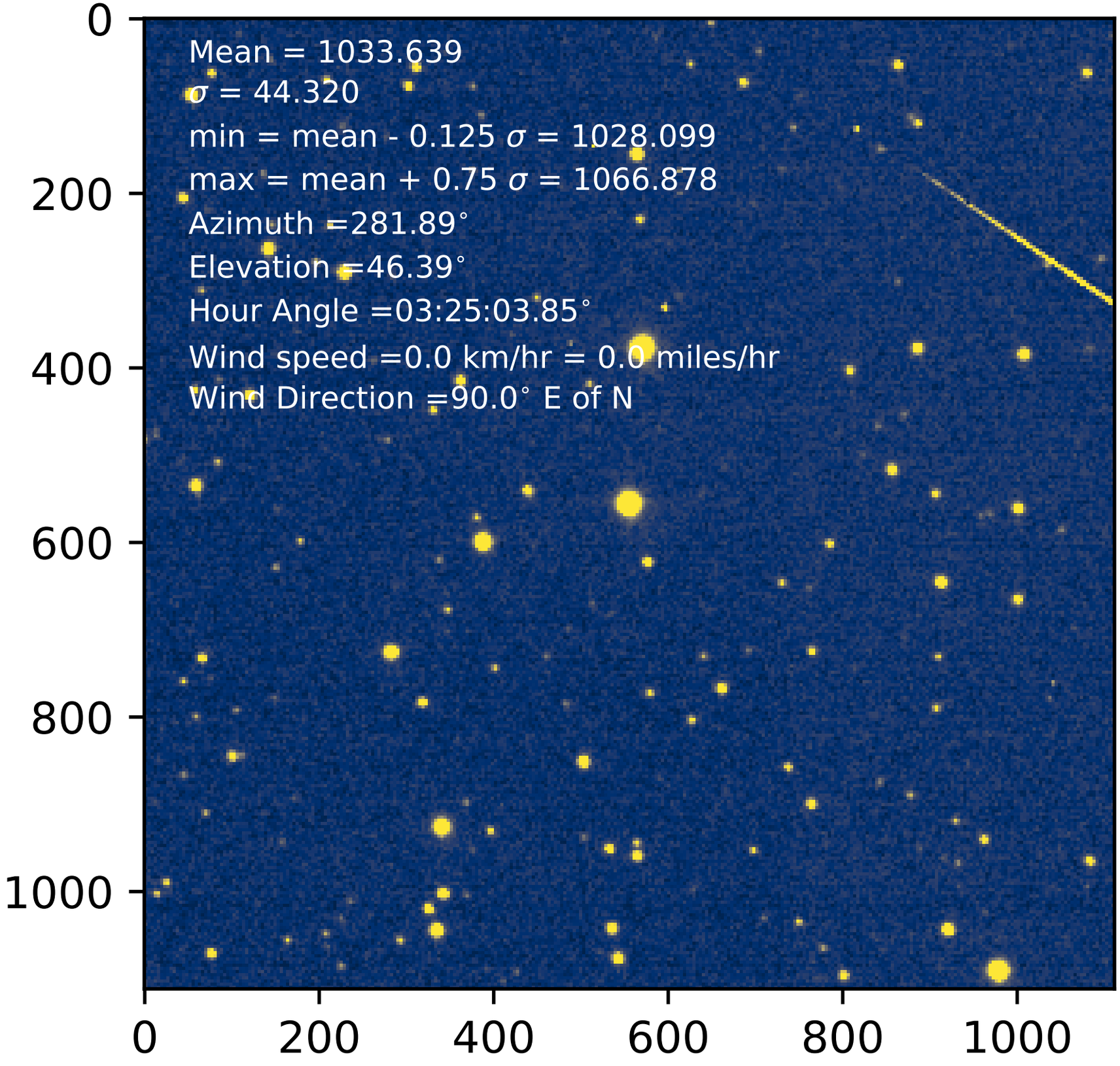

Mean = 1032.576
σ = 44.327
min = mean - 0.125 σ = 1027.035
max = mean + 0.75 σ = 1065.821
Azimuth =281.58°
Elevation =47.15°
Hour Angle =03:21:25.26°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

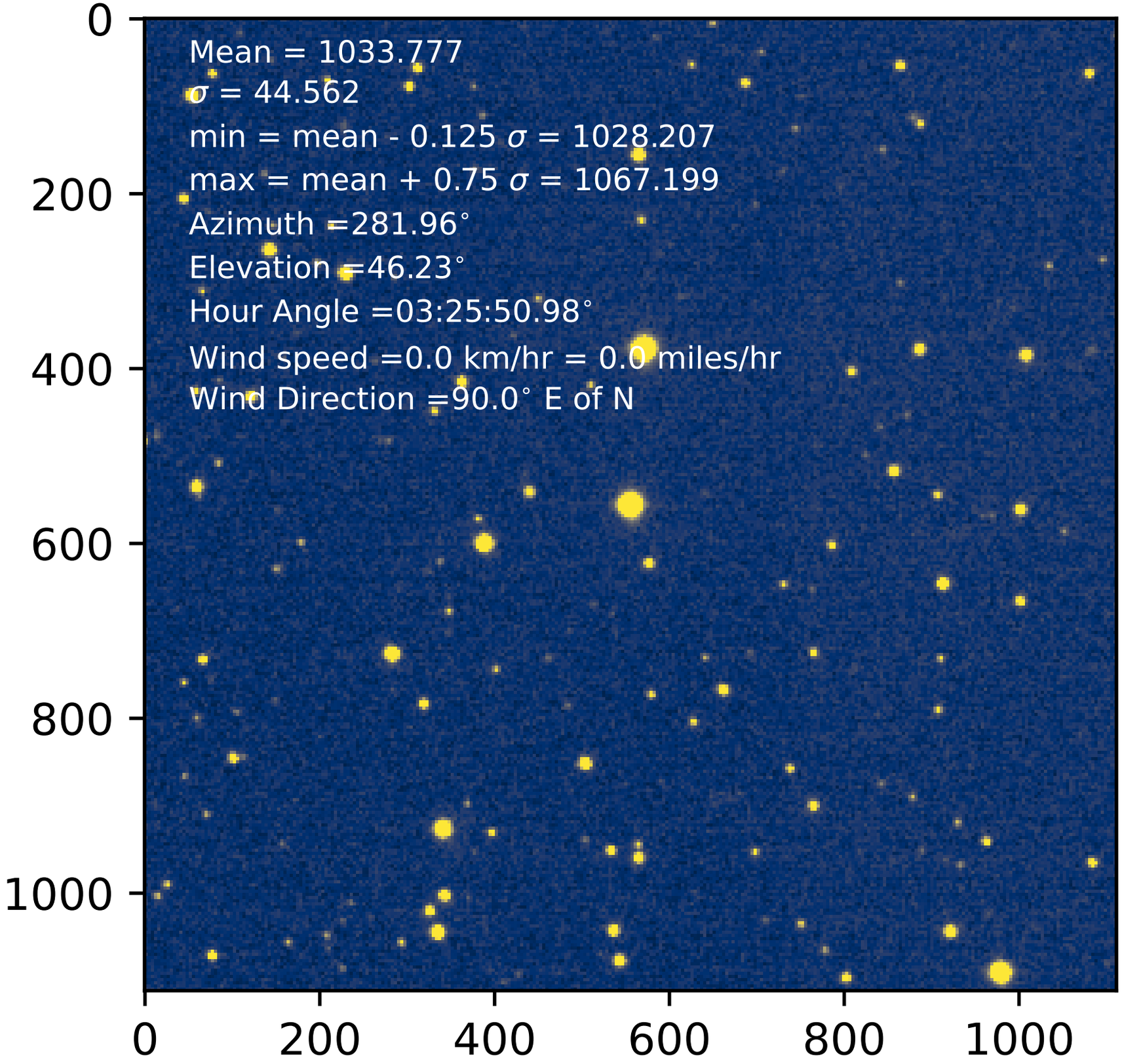

Mean = 1032.904
σ = 44.960
min = mean - 0.125 σ = 1027.284
max = mean + 0.75 σ = 1066.624
Azimuth =281.64°
Elevation =47.0°
Hour Angle =03:22:08.37°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

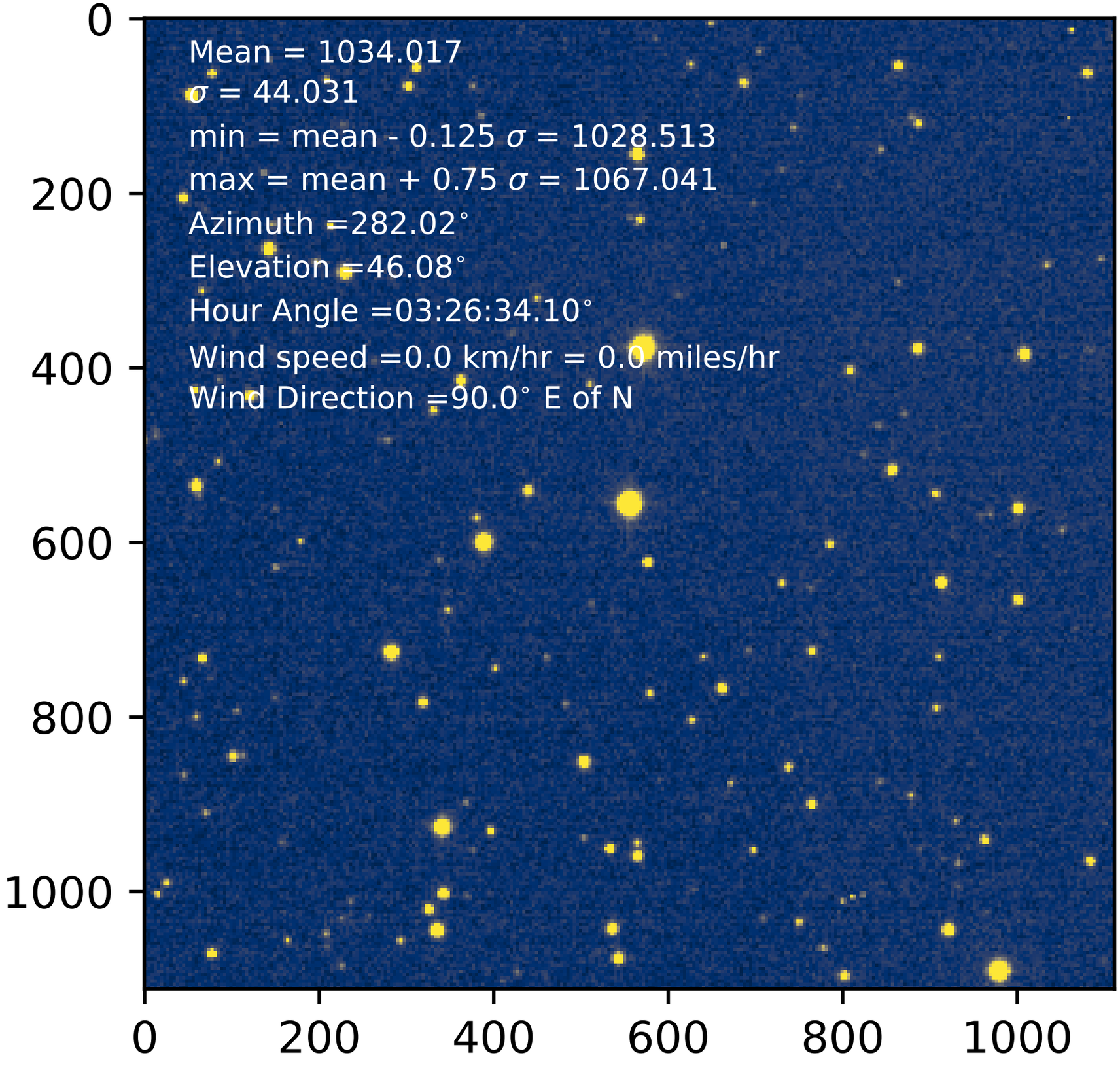

Mean = 1033.007
σ = 43.882
min = mean - 0.125 σ = 1027.522
max = mean + 0.75 σ = 1065.918
Azimuth =281.71°
Elevation =46.85°
Hour Angle =03:22:52.49°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

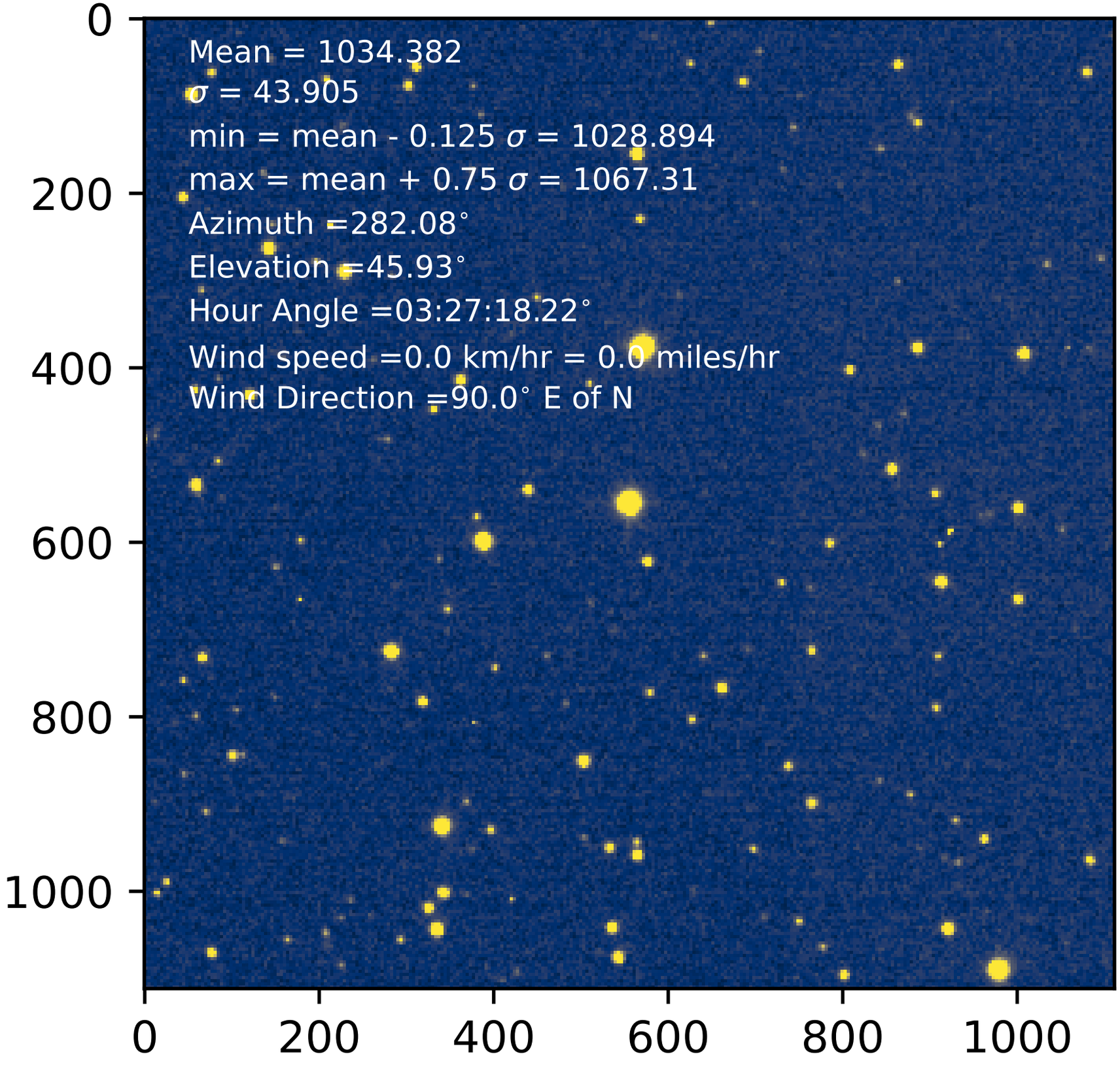

Mean = 1033.166
σ = 44.116
min = mean - 0.125 σ = 1027.652
max = mean + 0.75 σ = 1066.253
Azimuth =281.77°
Elevation =46.7°
Hour Angle =03:23:35.61°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

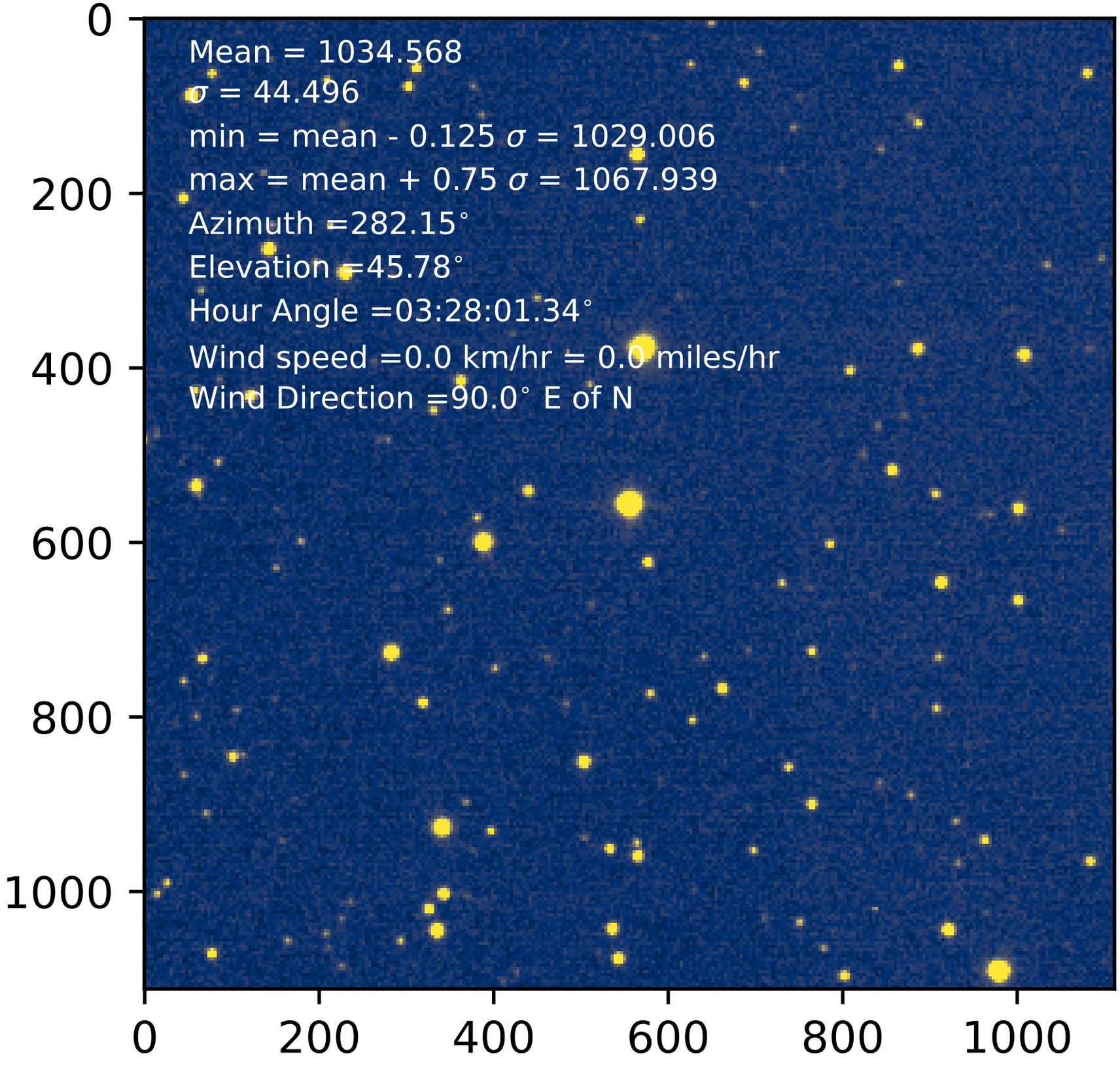

Mean = 1033.630
σ = 44.853
min = mean - 0.125 σ = 1028.023
max = mean + 0.75 σ = 1067.27
Azimuth =281.83°
Elevation =46.55°
Hour Angle =03:24:19.73°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

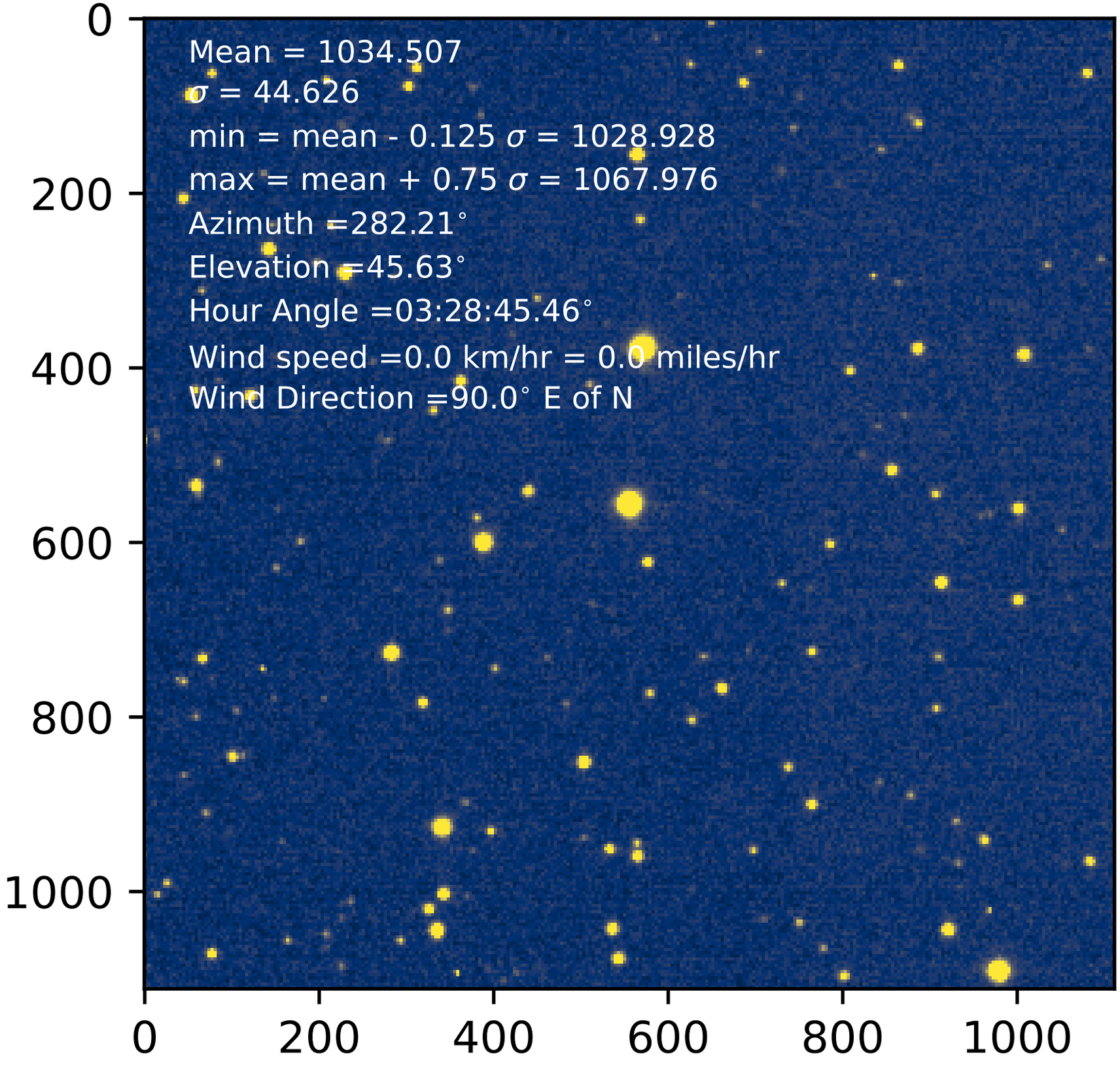

Mean = 1033.639
σ = 44.320
min = mean - 0.125 σ = 1028.099
max = mean + 0.75 σ = 1066.878
Azimuth =281.89°
Elevation =46.39°
Hour Angle =03:25:03.85°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

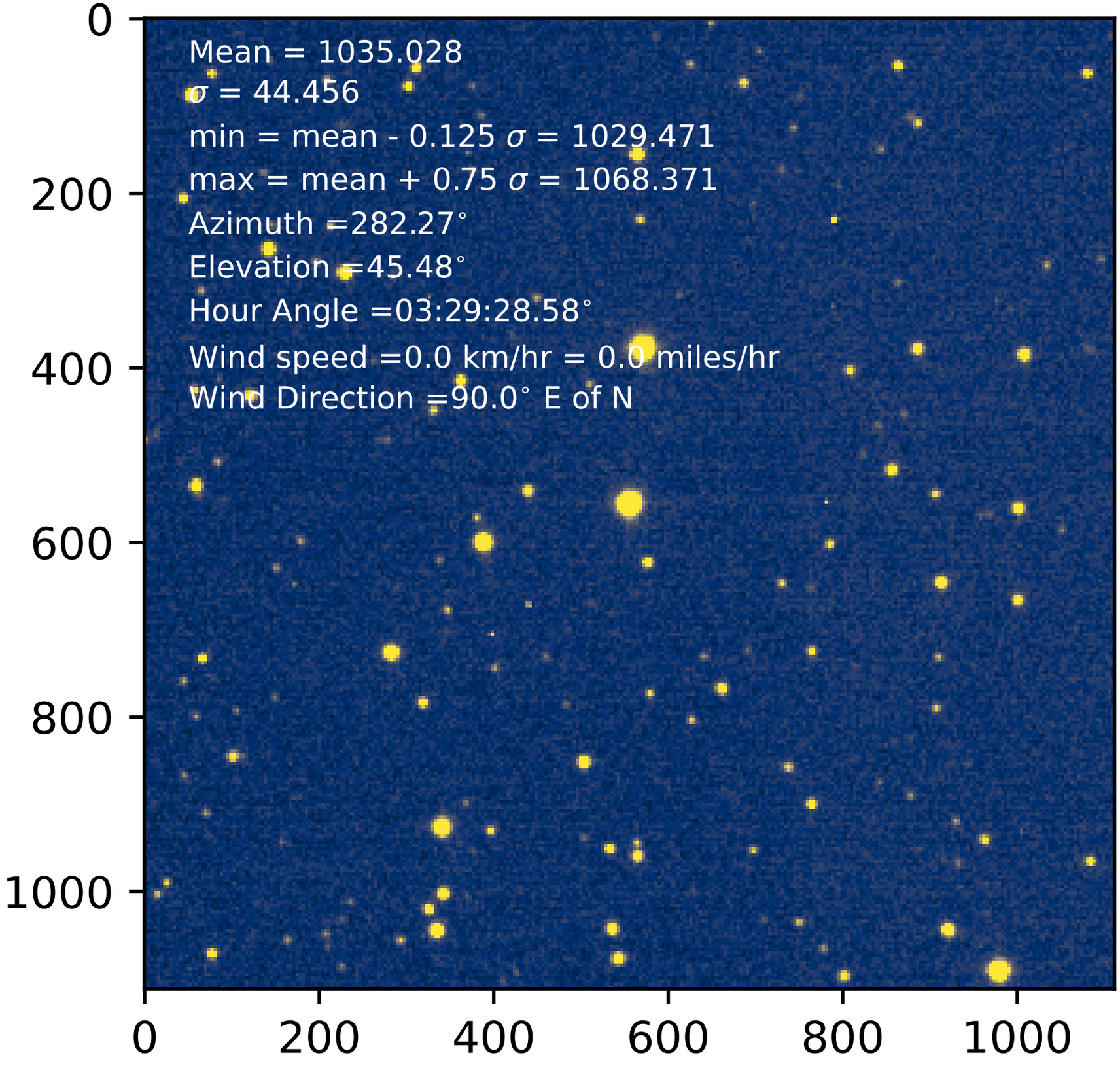

Mean = 1033.777
σ = 44.562
min = mean - 0.125 σ = 1028.207
max = mean + 0.75 σ = 1067.199
Azimuth =281.96°
Elevation =46.23°
Hour Angle =03:25:50.98°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

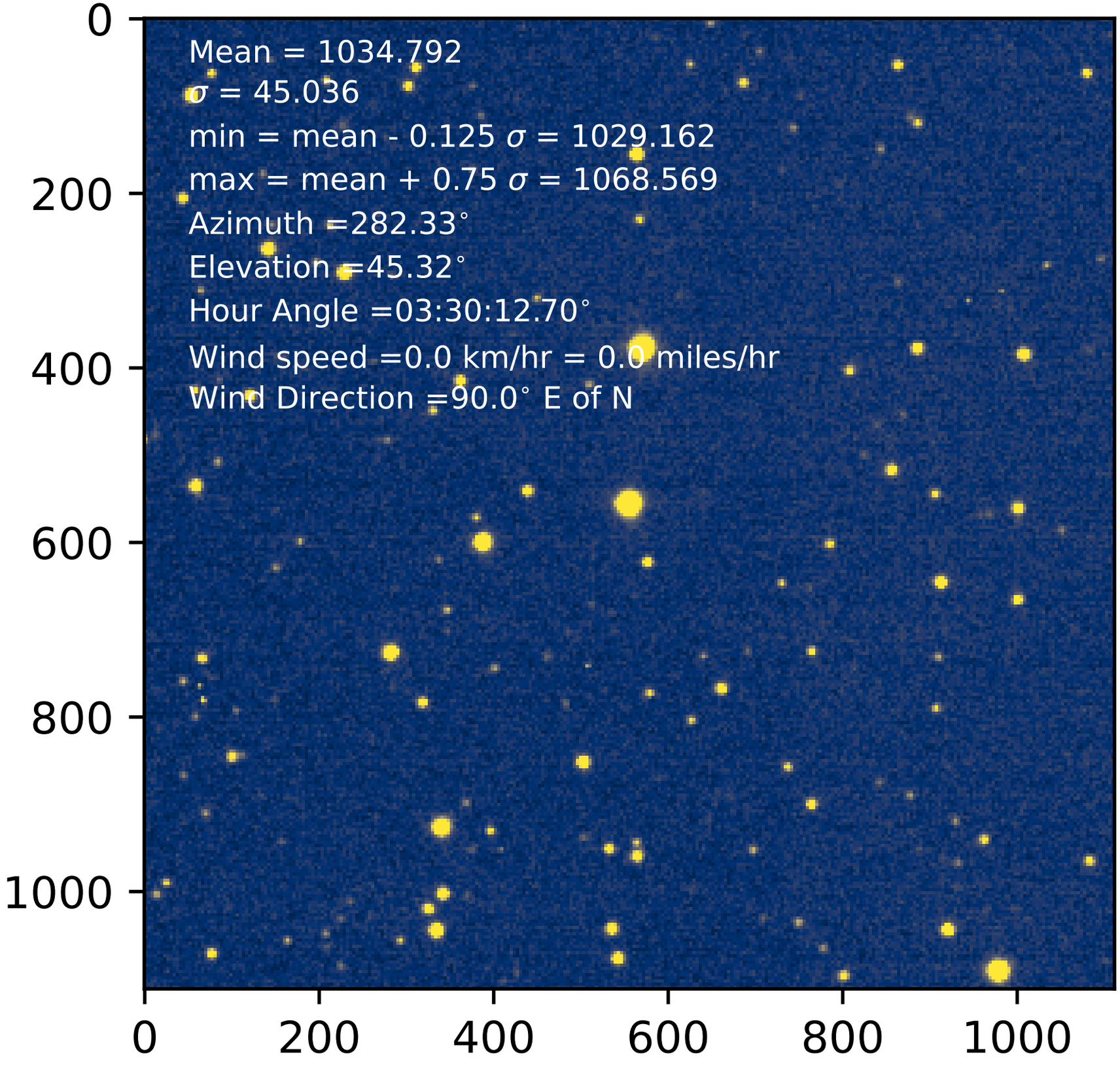

Mean = 1034.017
σ = 44.031
min = mean - 0.125 σ = 1028.513
max = mean + 0.75 σ = 1067.041
Azimuth =282.02°
Elevation =46.08°
Hour Angle =03:26:34.10°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

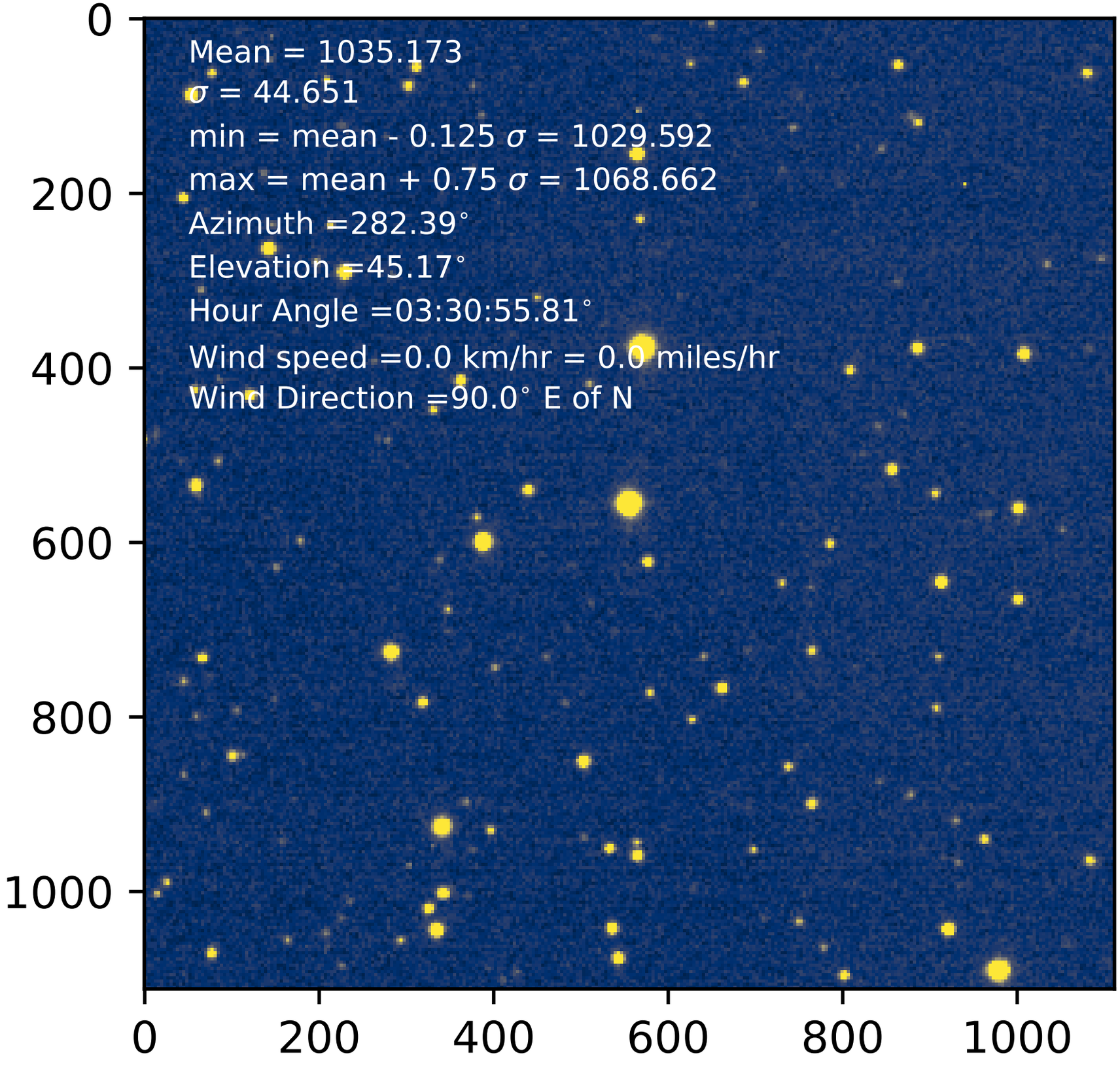

Mean = 1034.382
σ = 43.905
min = mean - 0.125 σ = 1028.894
max = mean + 0.75 σ = 1067.31
Azimuth =282.08°
Elevation =45.93°
Hour Angle =03:27:18.22°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

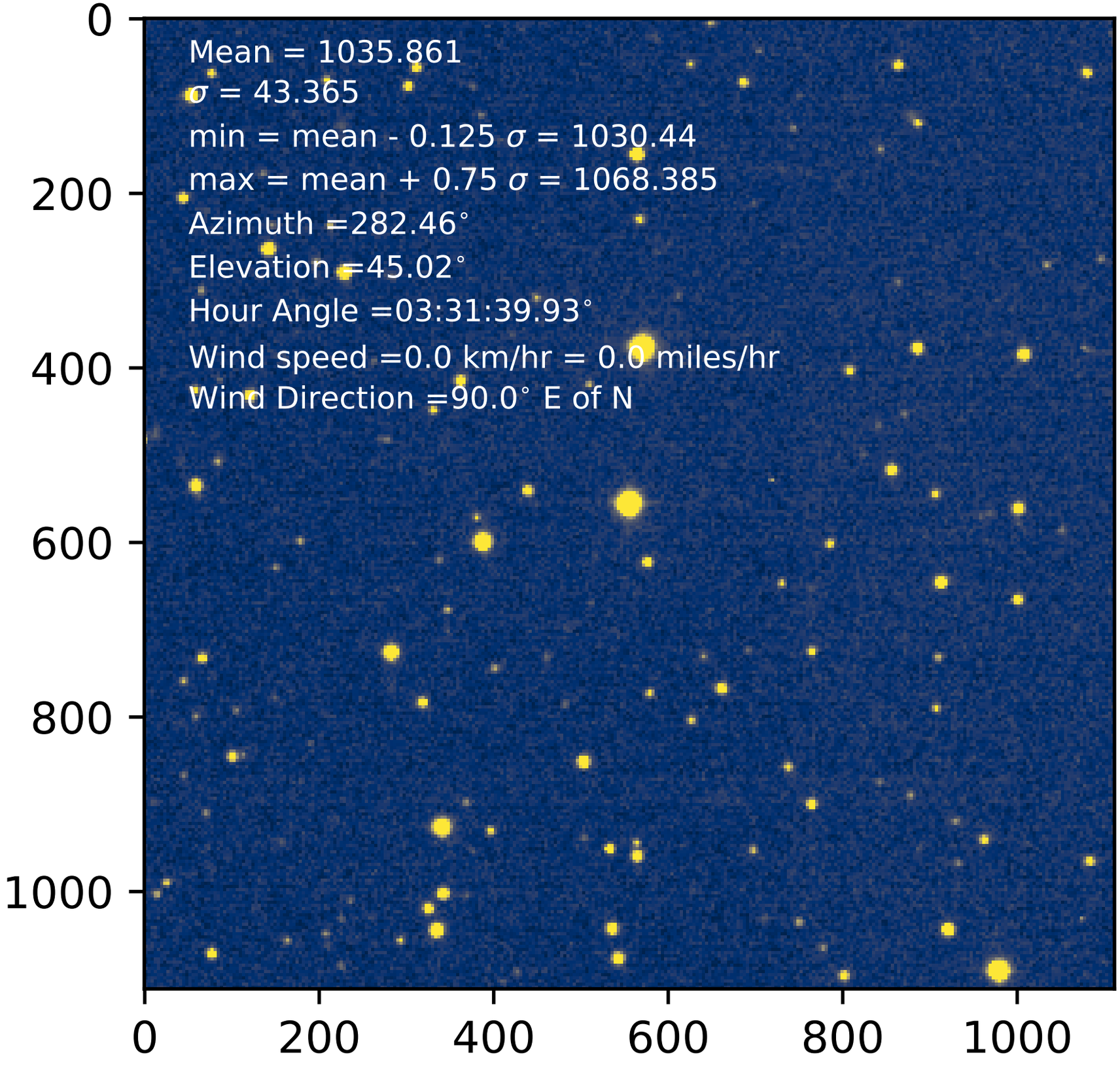

Mean = 1034.568
σ = 44.496
min = mean - 0.125 σ = 1029.006
max = mean + 0.75 σ = 1067.939
Azimuth =282.15°
Elevation =45.78°
Hour Angle =03:28:01.34°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

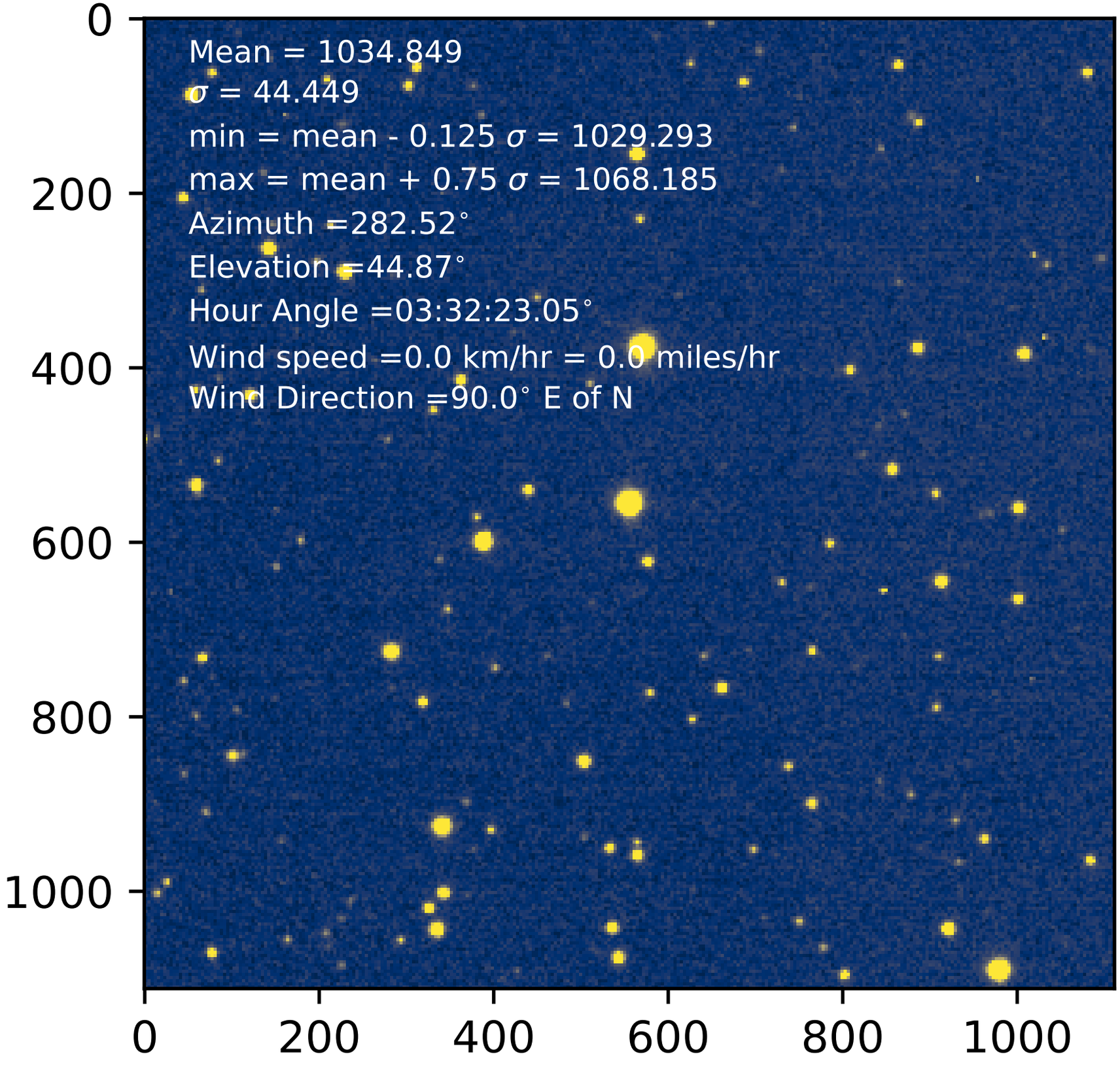

Mean = 1034.507
σ = 44.626
min = mean - 0.125 σ = 1028.928
max = mean + 0.75 σ = 1067.976
Azimuth =282.21°
Elevation =45.63°
Hour Angle =03:28:45.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

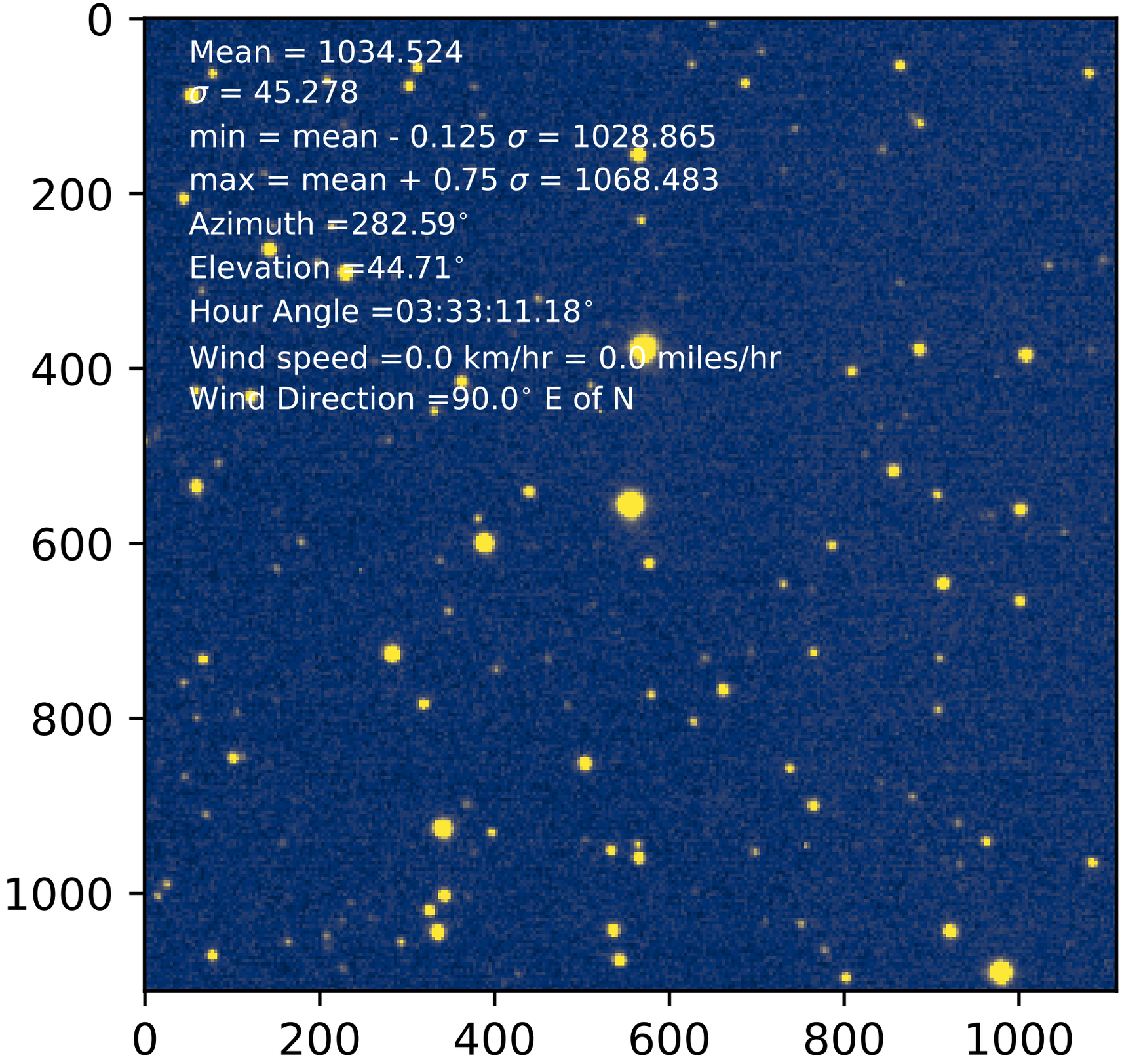

Mean = 1035.028
σ = 44.456
min = mean - 0.125 σ = 1029.471
max = mean + 0.75 σ = 1068.371
Azimuth =282.27°
Elevation =45.48°
Hour Angle =03:29:28.58°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

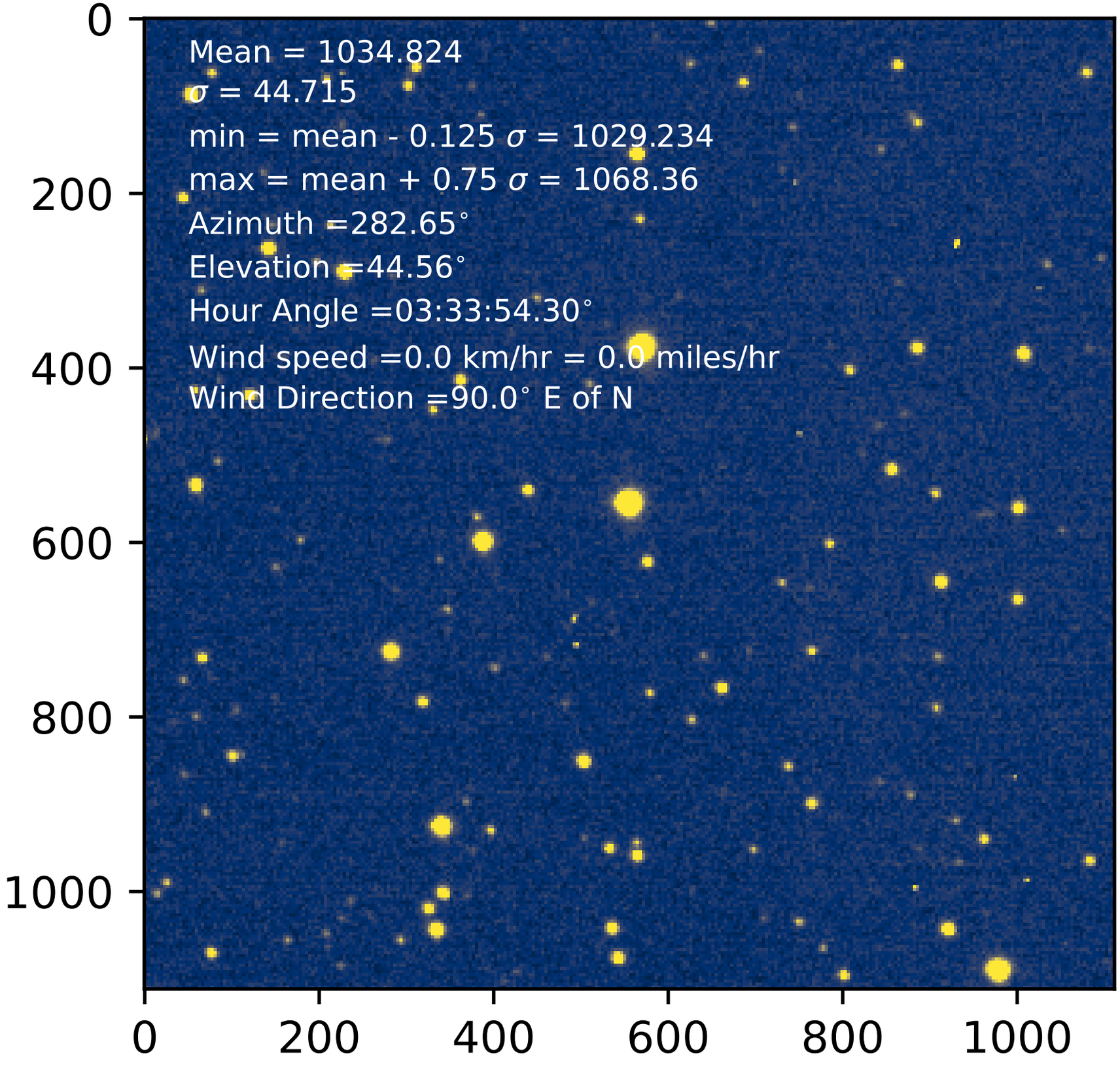

Mean = 1034.792
σ = 45.036
min = mean - 0.125 σ = 1029.162
max = mean + 0.75 σ = 1068.569
Azimuth =282.33°
Elevation =45.32°
Hour Angle =03:30:12.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

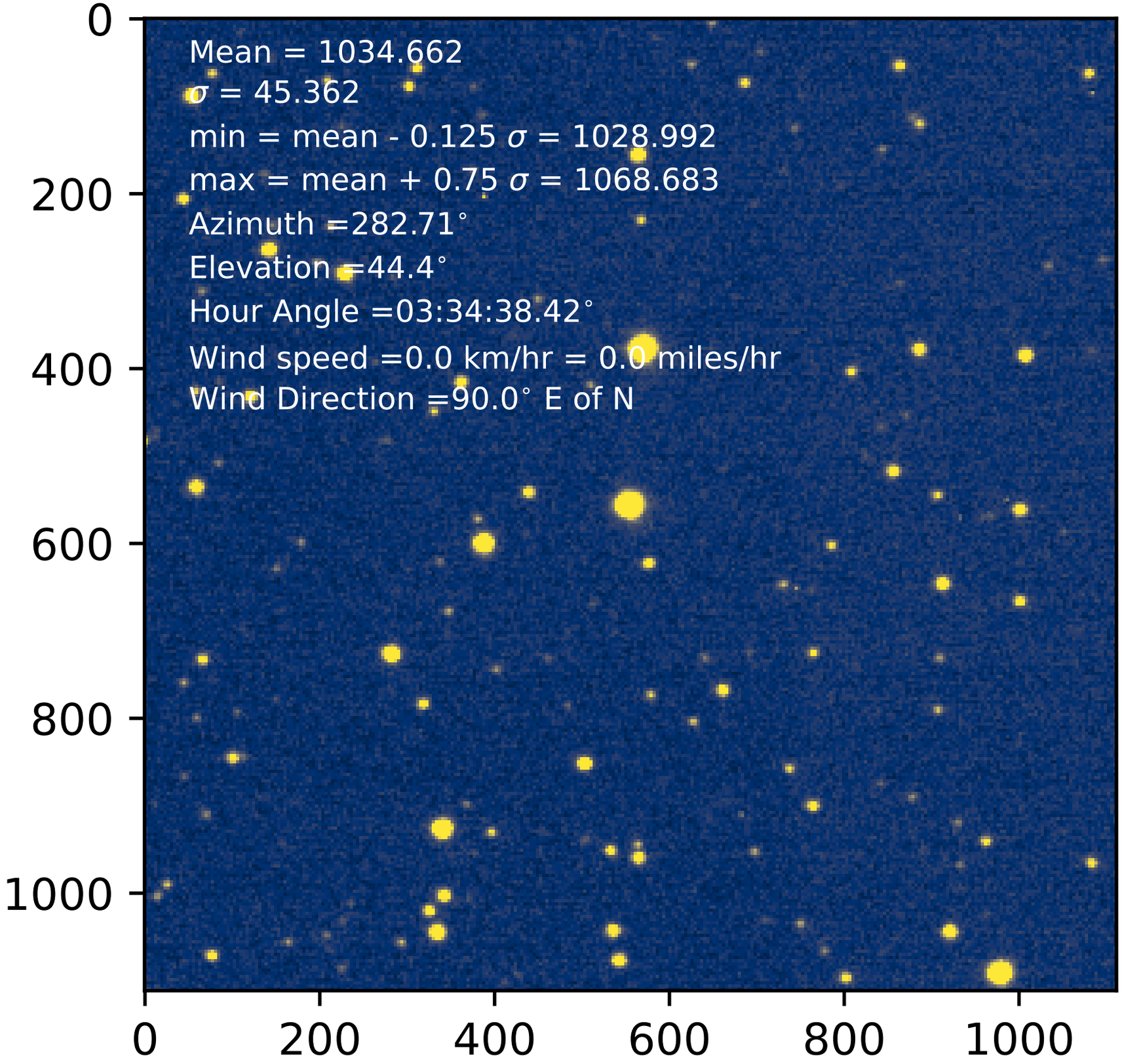

Mean = 1035.173
σ = 44.651
min = mean - 0.125 σ = 1029.592
max = mean + 0.75 σ = 1068.662
Azimuth =282.39°
Elevation =45.17°
Hour Angle =03:30:55.81°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

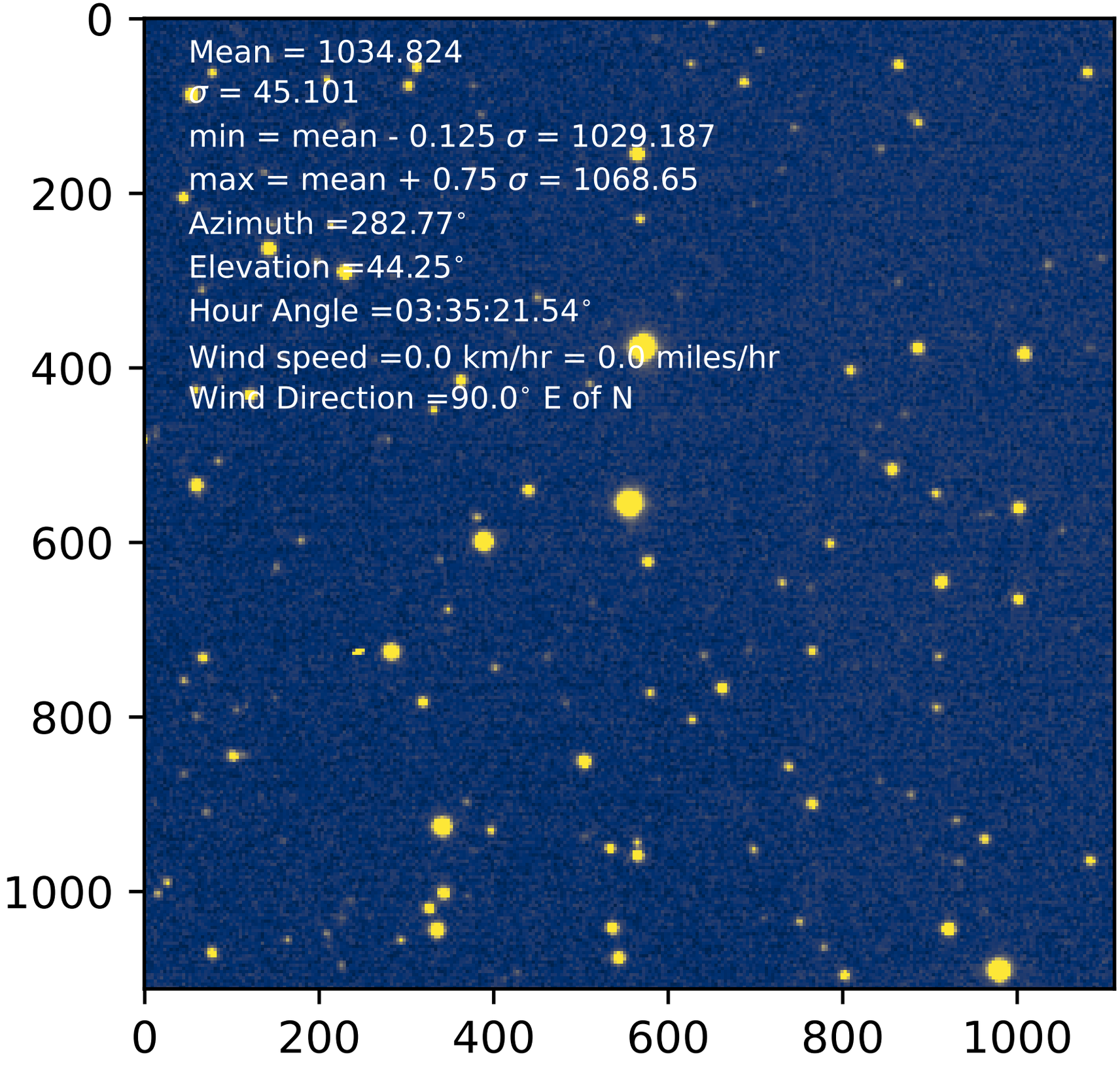

Mean = 1035.861
σ = 43.365
min = mean - 0.125 σ = 1030.44
max = mean + 0.75 σ = 1068.385
Azimuth =282.46°
Elevation =45.02°
Hour Angle =03:31:39.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

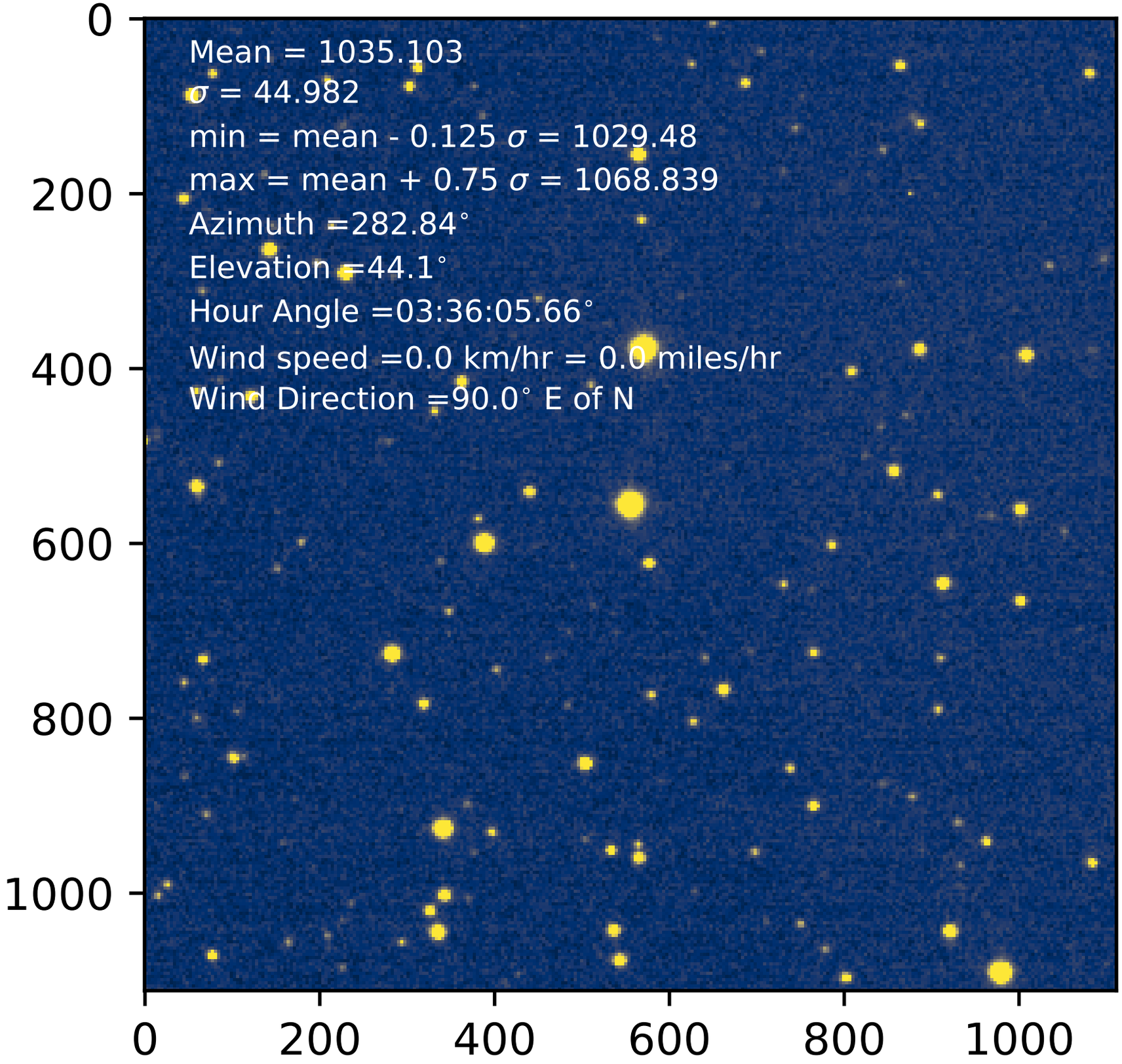

Mean = 1034.849
σ = 44.449
min = mean - 0.125 σ = 1029.293
max = mean + 0.75 σ = 1068.185
Azimuth =282.52°
Elevation =44.87°
Hour Angle =03:32:23.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

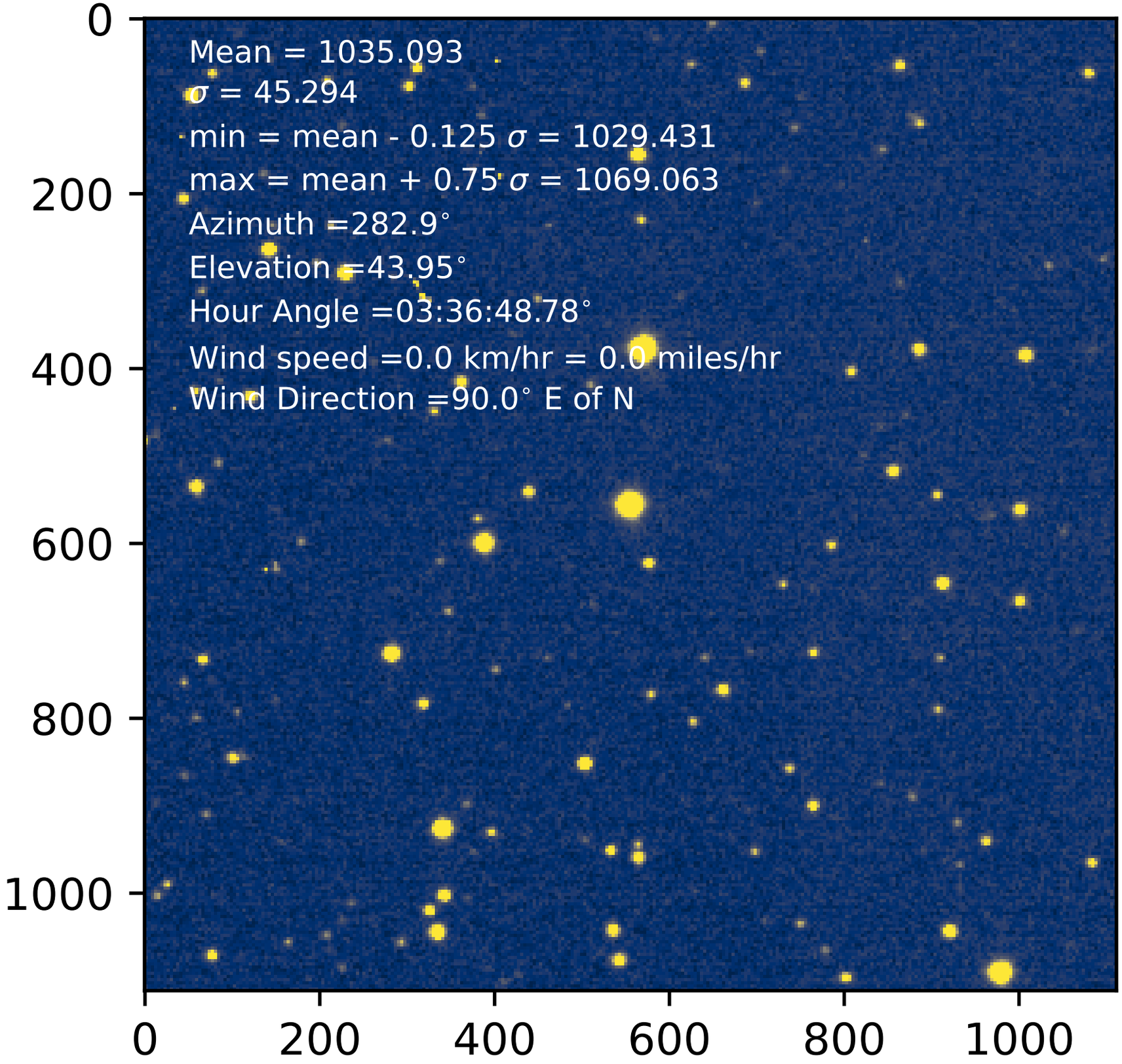

Mean = 1034.524
σ = 45.278
min = mean - 0.125 σ = 1028.865
max = mean + 0.75 σ = 1068.483
Azimuth =282.59°
Elevation =44.71°
Hour Angle =03:33:11.18°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

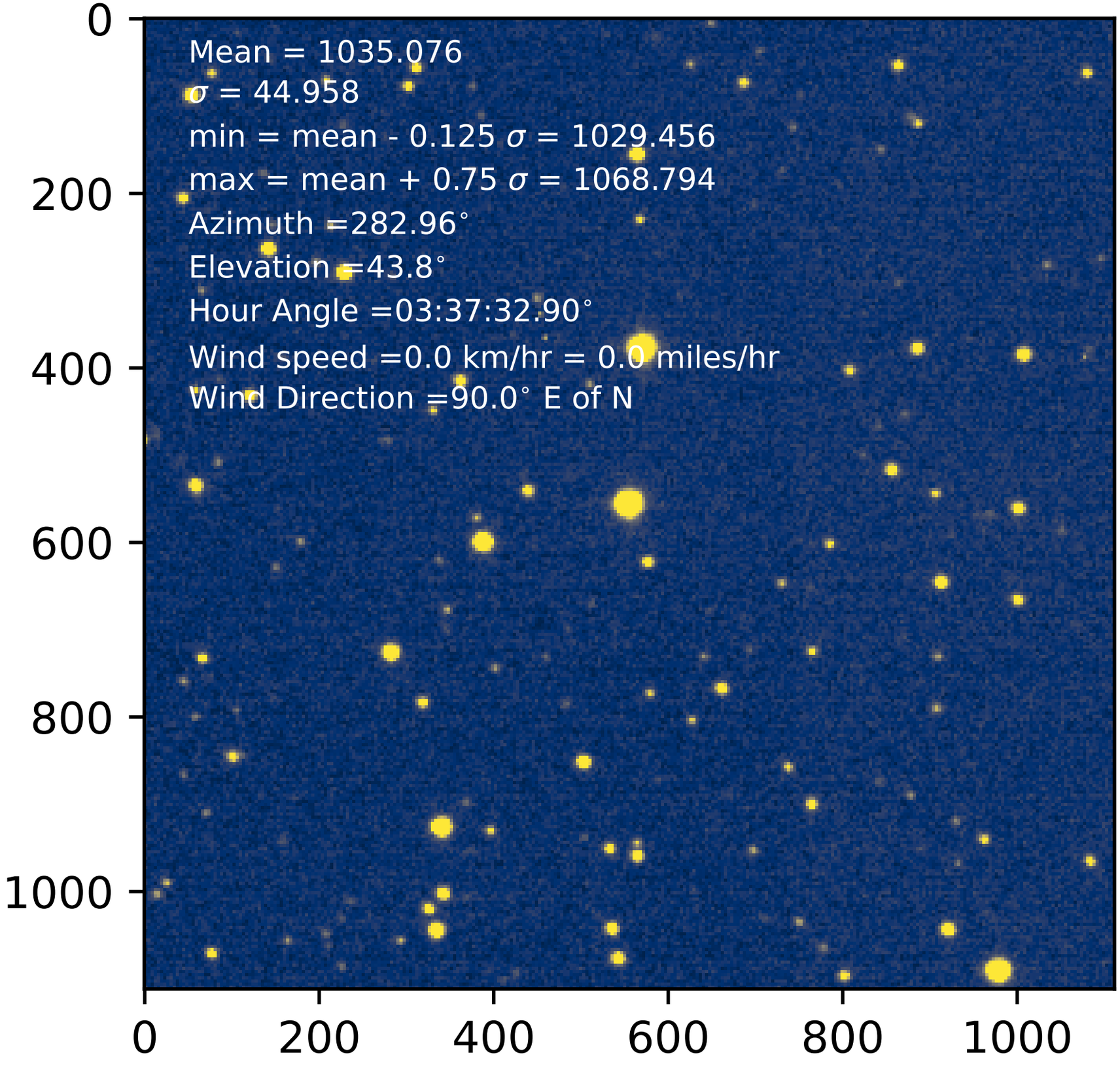

Mean = 1034.824
σ = 44.715
min = mean - 0.125 σ = 1029.234
max = mean + 0.75 σ = 1068.36
Azimuth =282.65°
Elevation =44.56°
Hour Angle =03:33:54.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

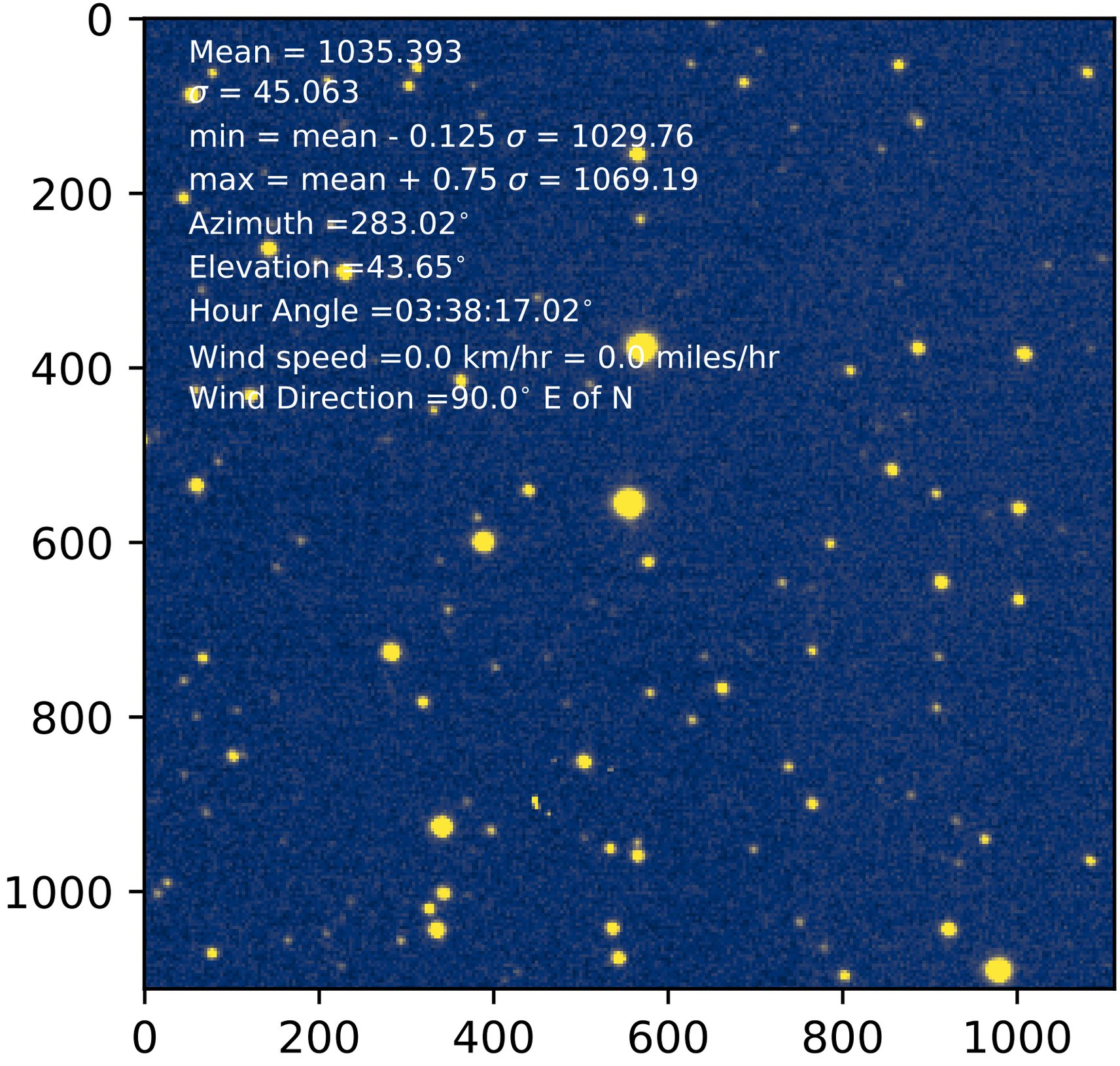

Mean = 1034.662
σ = 45.362
min = mean - 0.125 σ = 1028.992
max = mean + 0.75 σ = 1068.683
Azimuth =282.71°
Elevation =44.4°
Hour Angle =03:34:38.42°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

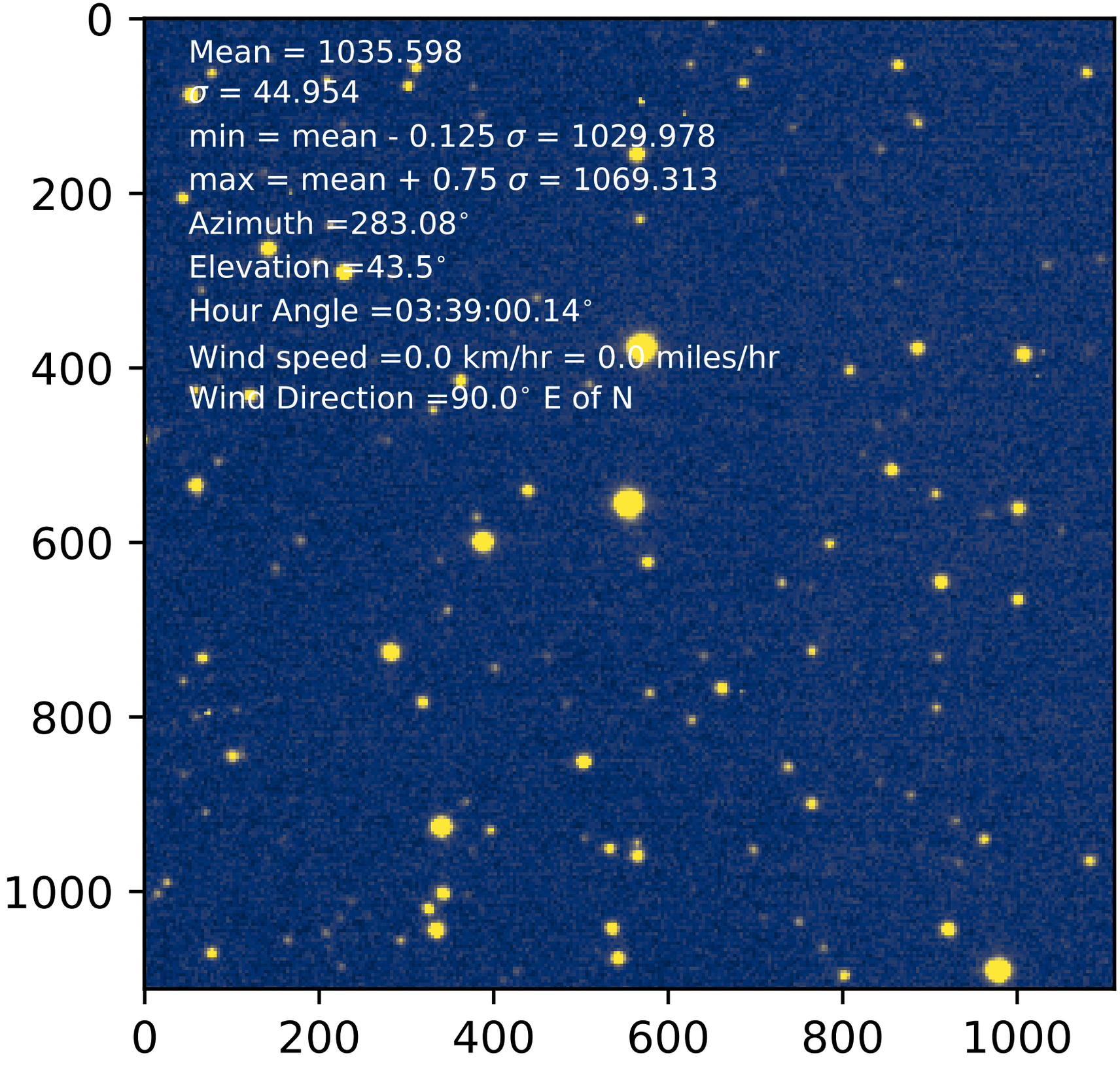

Mean = 1034.824
σ = 45.101
min = mean - 0.125 σ = 1029.187
max = mean + 0.75 σ = 1068.65
Azimuth =282.77°
Elevation =44.25°
Hour Angle =03:35:21.54°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

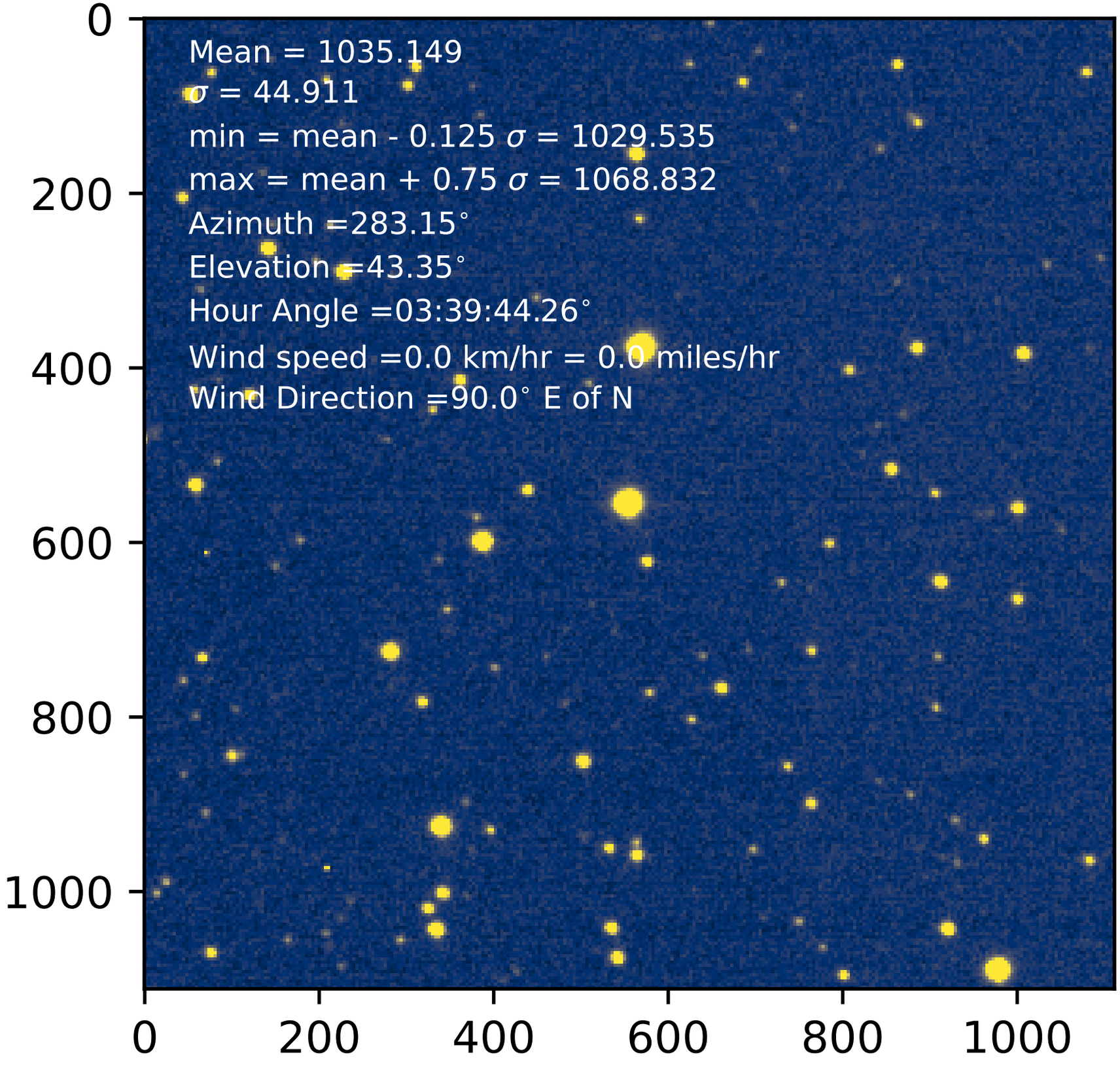

Mean = 1035.103
σ = 44.982
min = mean - 0.125 σ = 1029.48
max = mean + 0.75 σ = 1068.839
Azimuth =282.84°
Elevation =44.1°
Hour Angle =03:36:05.66°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

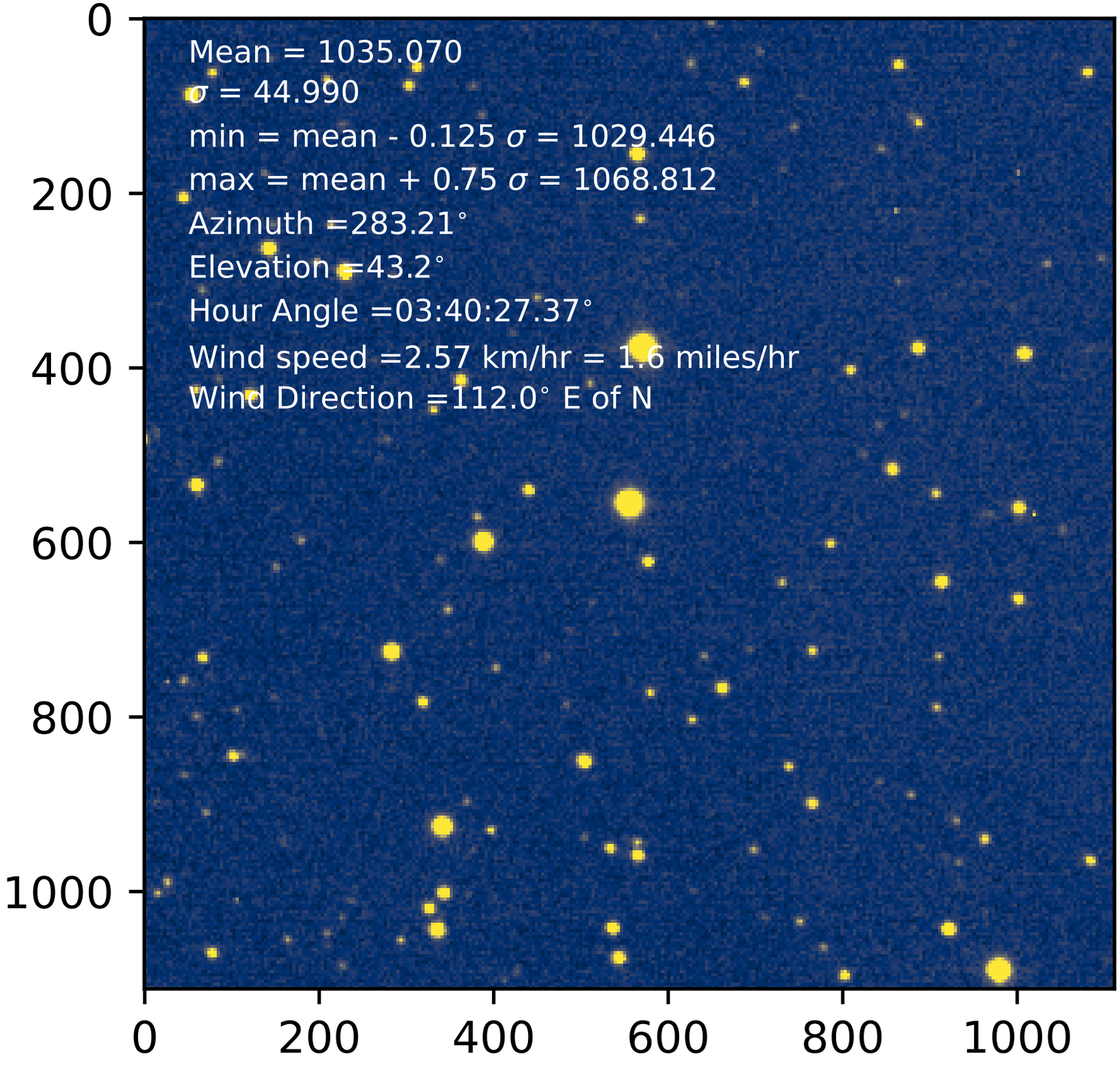

Mean = 1035.093
σ = 45.294
min = mean - 0.125 σ = 1029.431
max = mean + 0.75 σ = 1069.063
Azimuth =282.9°
Elevation =43.95°
Hour Angle =03:36:48.78°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

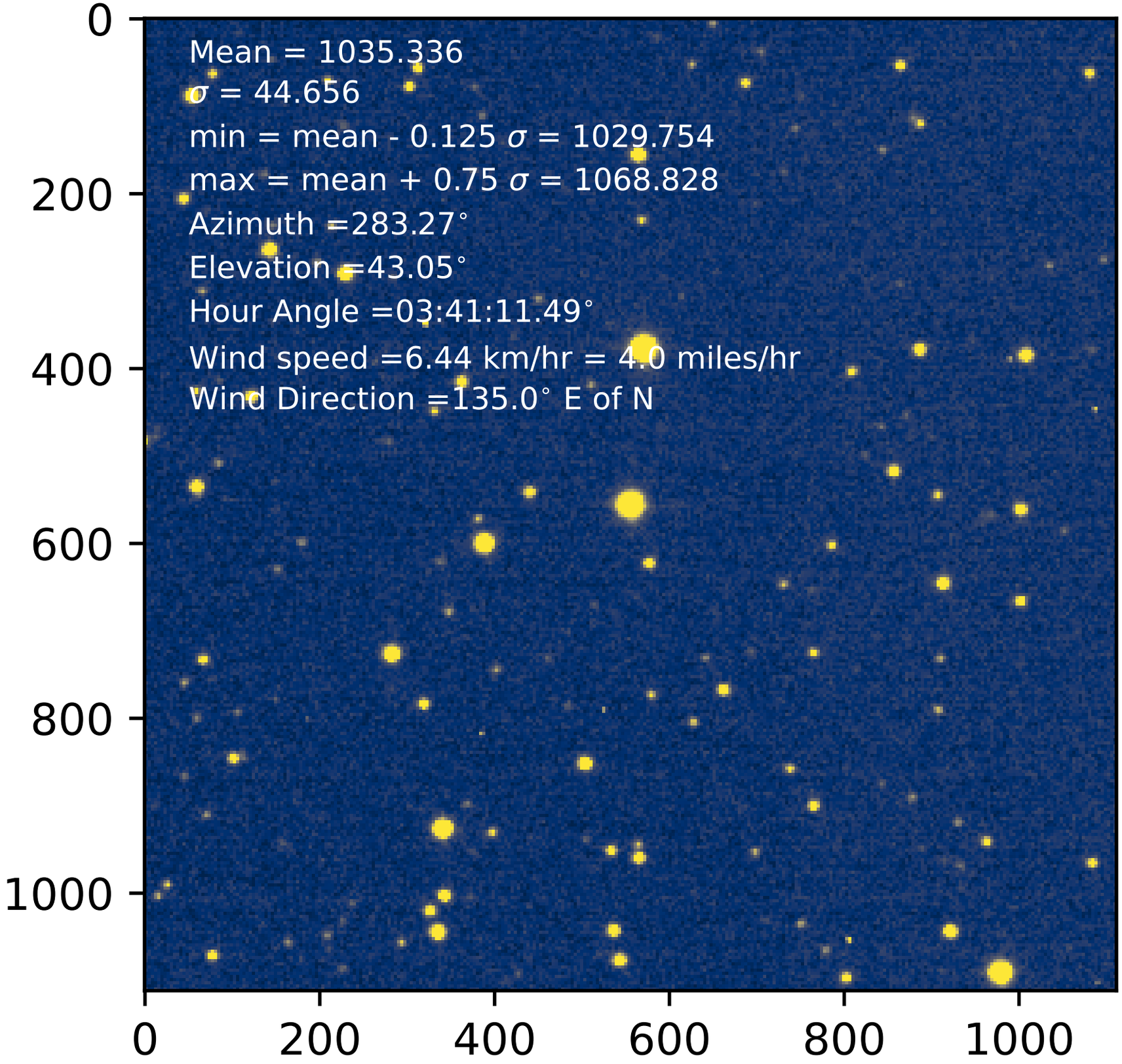

Mean = 1035.076
σ = 44.958
min = mean - 0.125 σ = 1029.456
max = mean + 0.75 σ = 1068.794
Azimuth =282.96°
Elevation =43.8°
Hour Angle =03:37:32.90°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

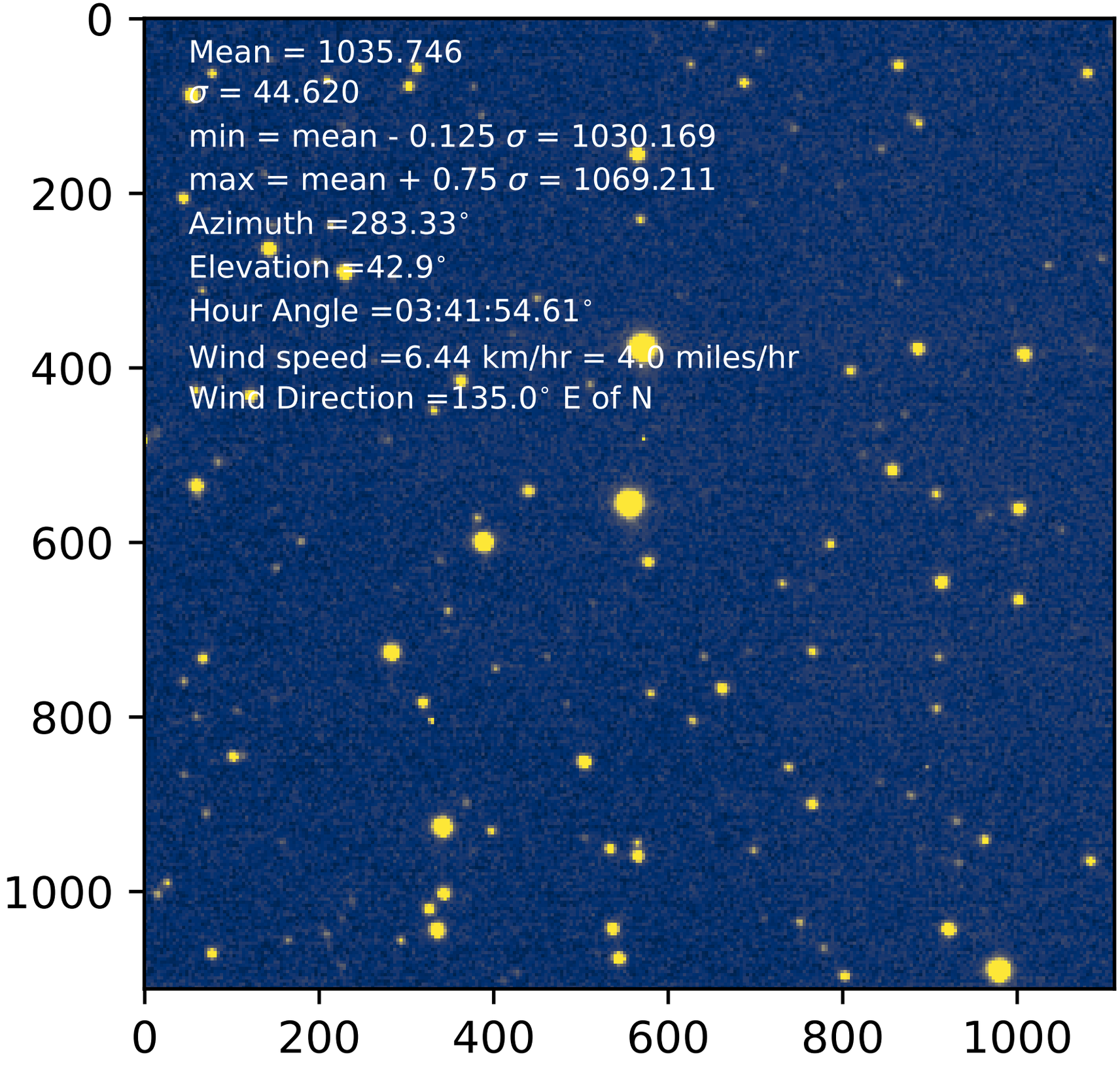

Mean = 1035.393
σ = 45.063
min = mean - 0.125 σ = 1029.76
max = mean + 0.75 σ = 1069.19
Azimuth =283.02°
Elevation =43.65°
Hour Angle =03:38:17.02°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

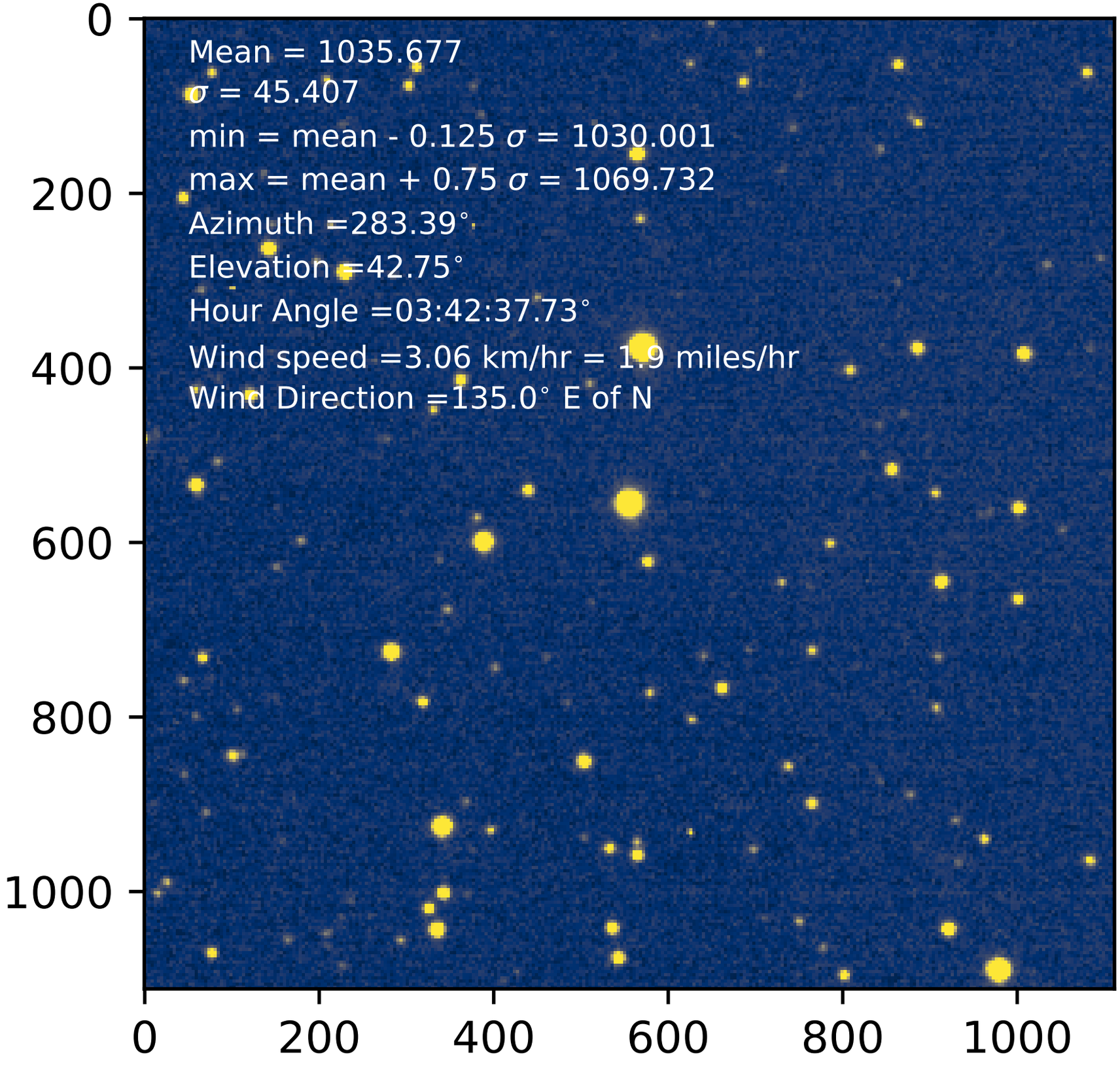

Mean = 1035.598
σ = 44.954
min = mean - 0.125 σ = 1029.978
max = mean + 0.75 σ = 1069.313
Azimuth =283.08°
Elevation =43.5°
Hour Angle =03:39:00.14°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

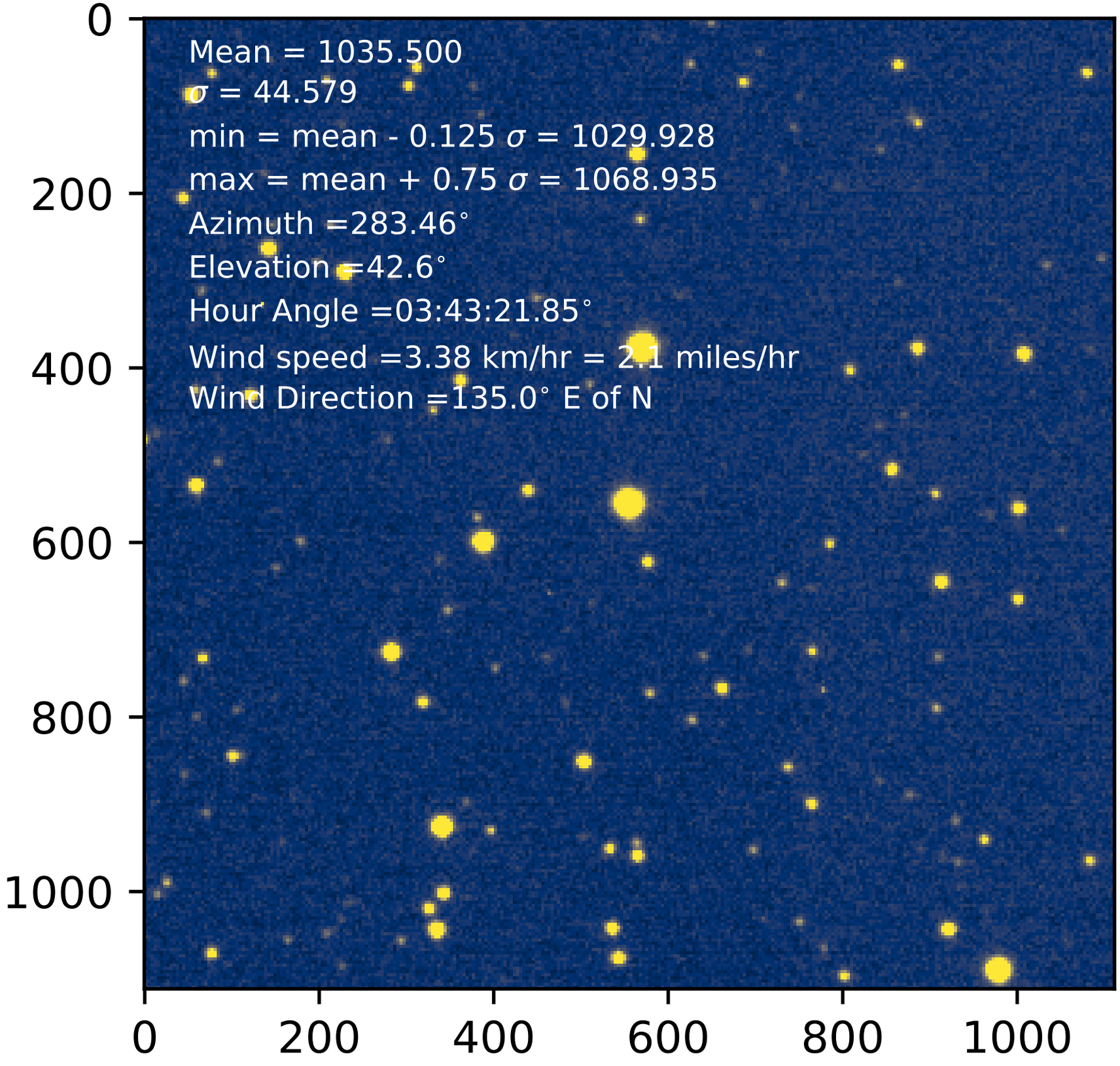

Mean = 1035.149
σ = 44.911
min = mean - 0.125 σ = 1029.535
max = mean + 0.75 σ = 1068.832
Azimuth =283.15°
Elevation =43.35°
Hour Angle =03:39:44.26°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

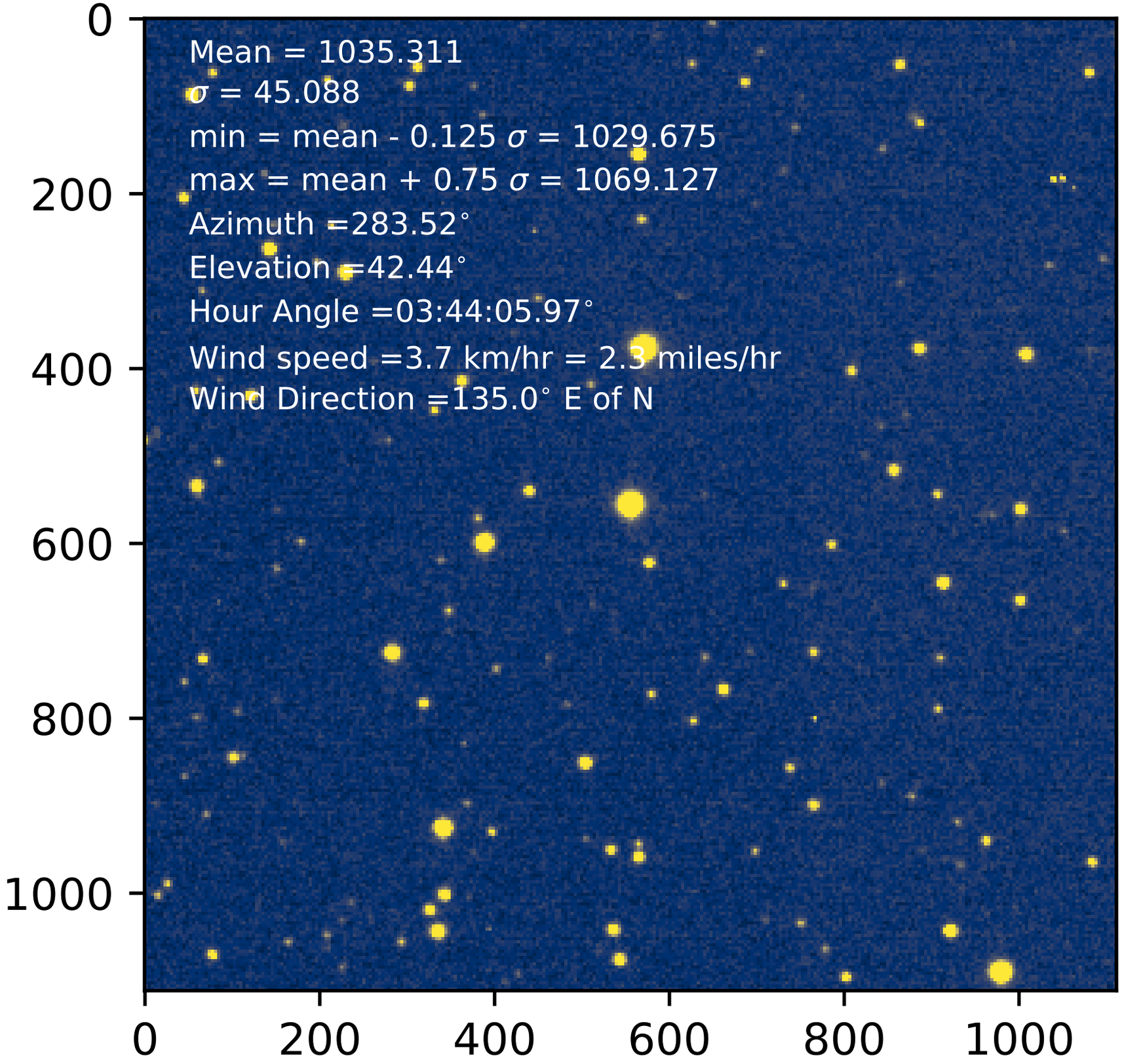

Mean = 1035.070
σ = 44.990
min = mean - 0.125 σ = 1029.446
max = mean + 0.75 σ = 1068.812
Azimuth =283.21°
Elevation =43.2°
Hour Angle =03:40:27.37°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

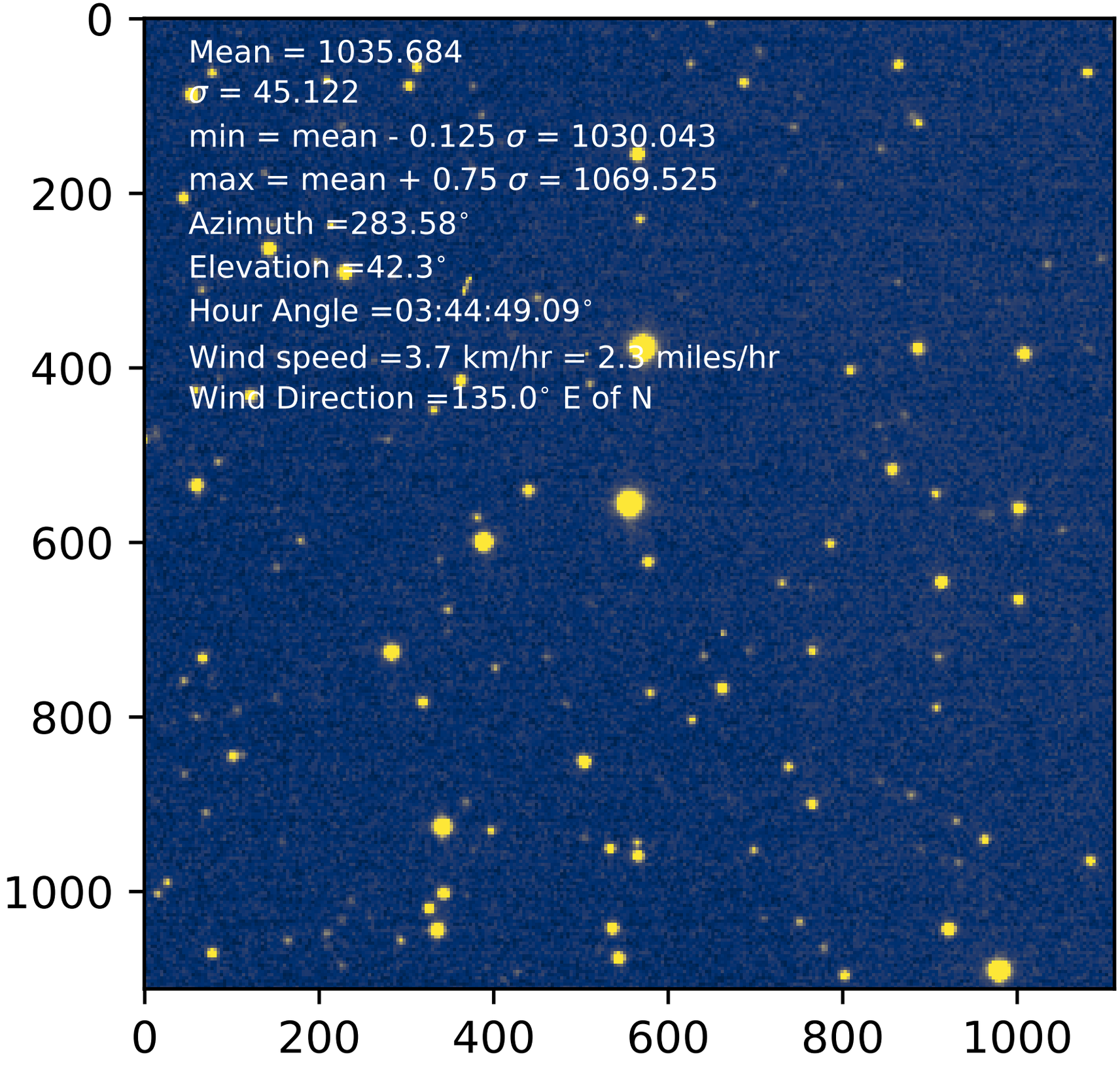

Mean = 1035.336
σ = 44.656
min = mean - 0.125 σ = 1029.754
max = mean + 0.75 σ = 1068.828
Azimuth =283.27°
Elevation =43.05°
Hour Angle =03:41:11.49°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

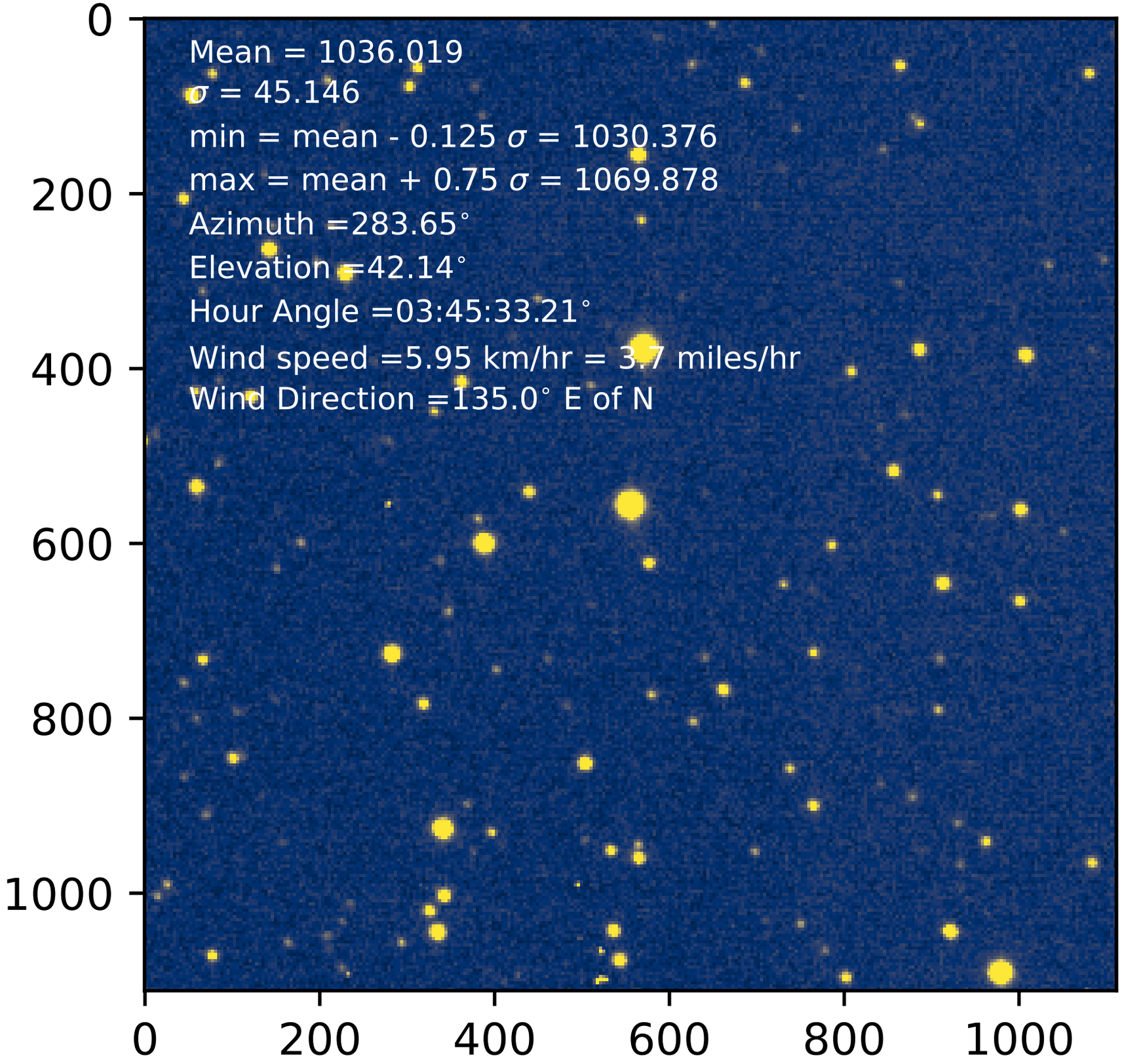

Mean = 1035.746
σ = 44.620
min = mean - 0.125 σ = 1030.169
max = mean + 0.75 σ = 1069.211
Azimuth =283.33°
Elevation =42.9°
Hour Angle =03:41:54.61°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

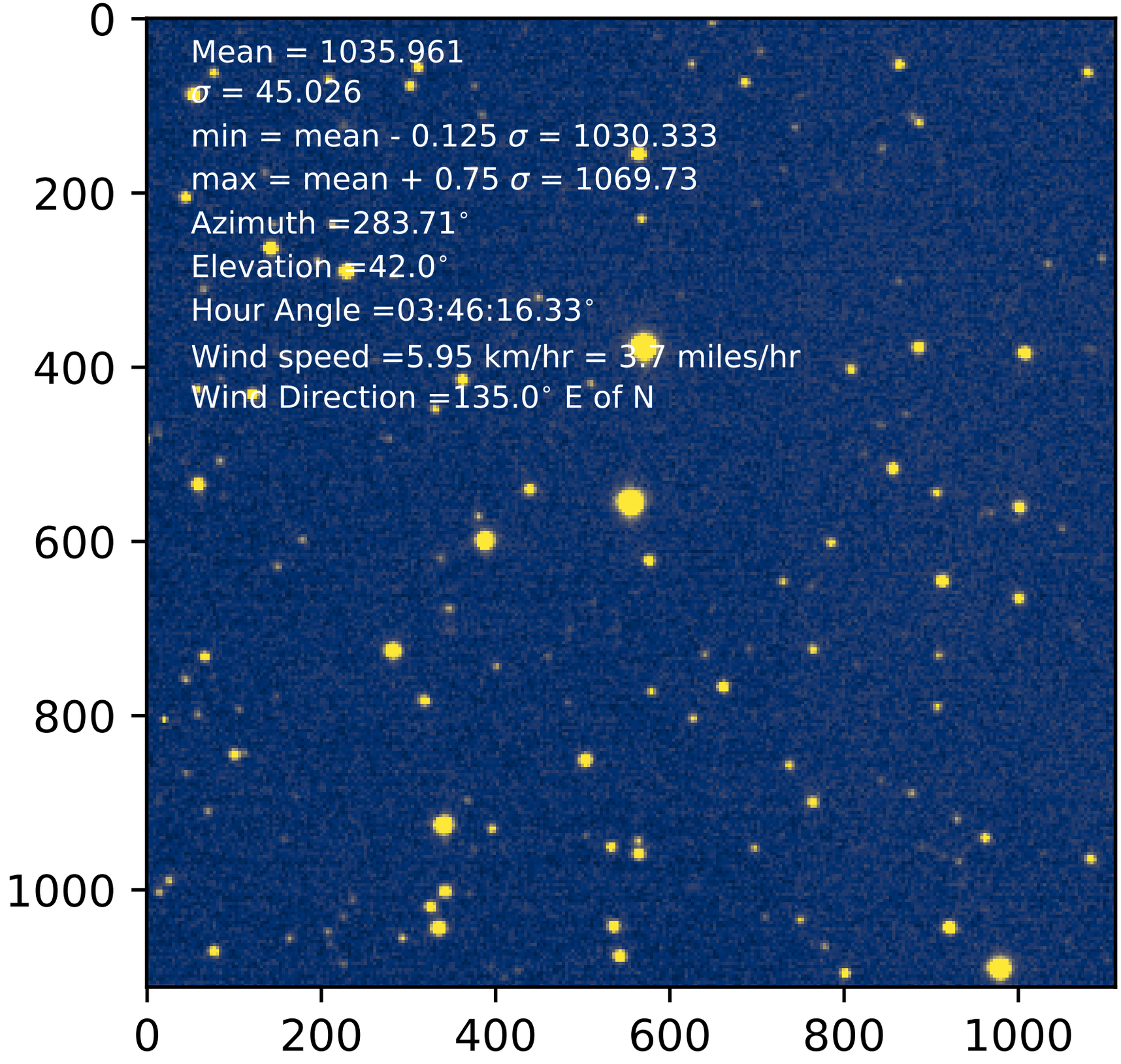

Mean = 1035.677
σ = 45.407
min = mean - 0.125 σ = 1030.001
max = mean + 0.75 σ = 1069.732
Azimuth =283.39°
Elevation =42.75°
Hour Angle =03:42:37.73°
Wind speed =3.06 km/hr = 1.9 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

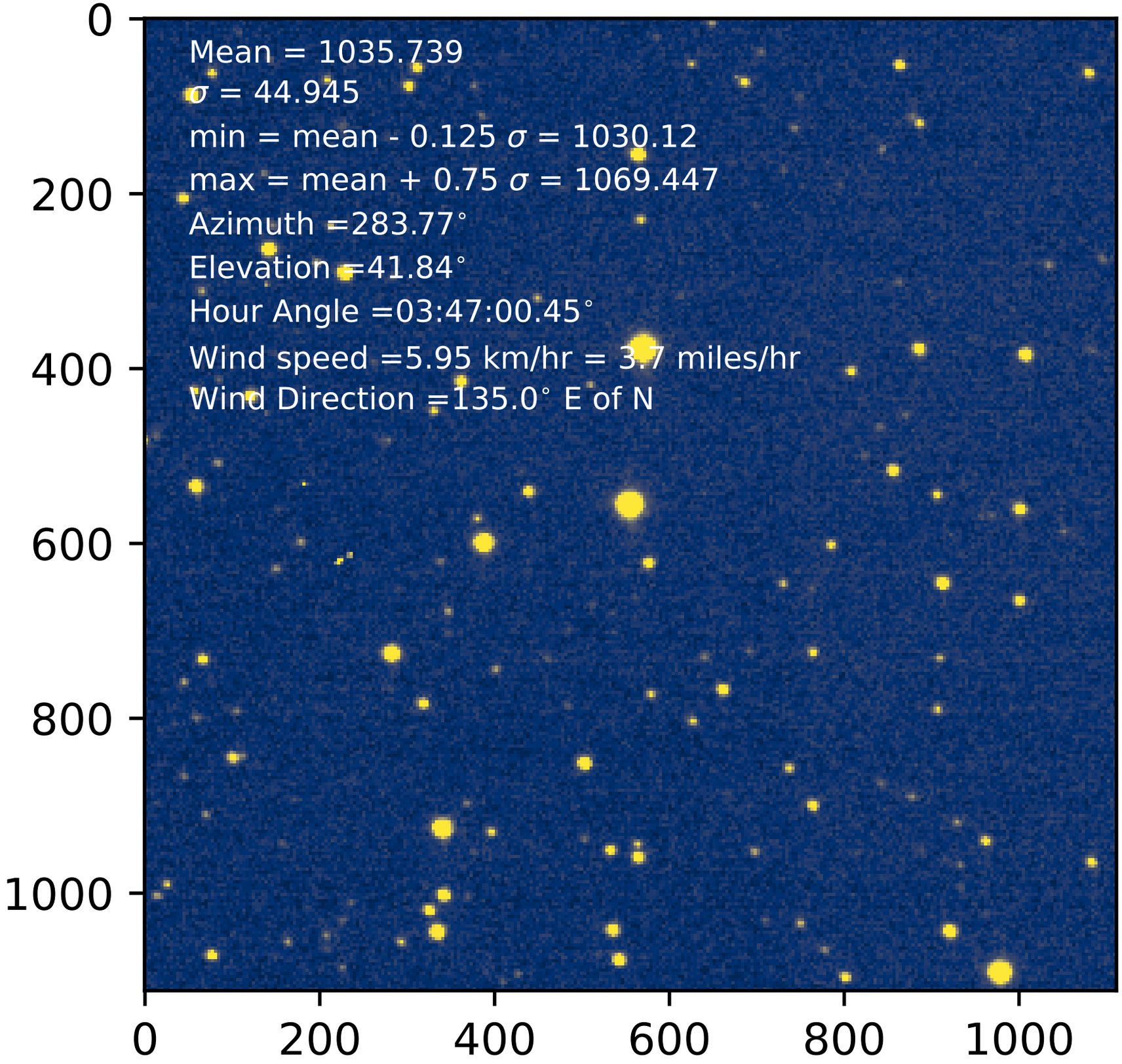

Mean = 1035.500
σ = 44.579
min = mean - 0.125 σ = 1029.928
max = mean + 0.75 σ = 1068.935
Azimuth =283.46°
Elevation =42.6°
Hour Angle =03:43:21.85°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

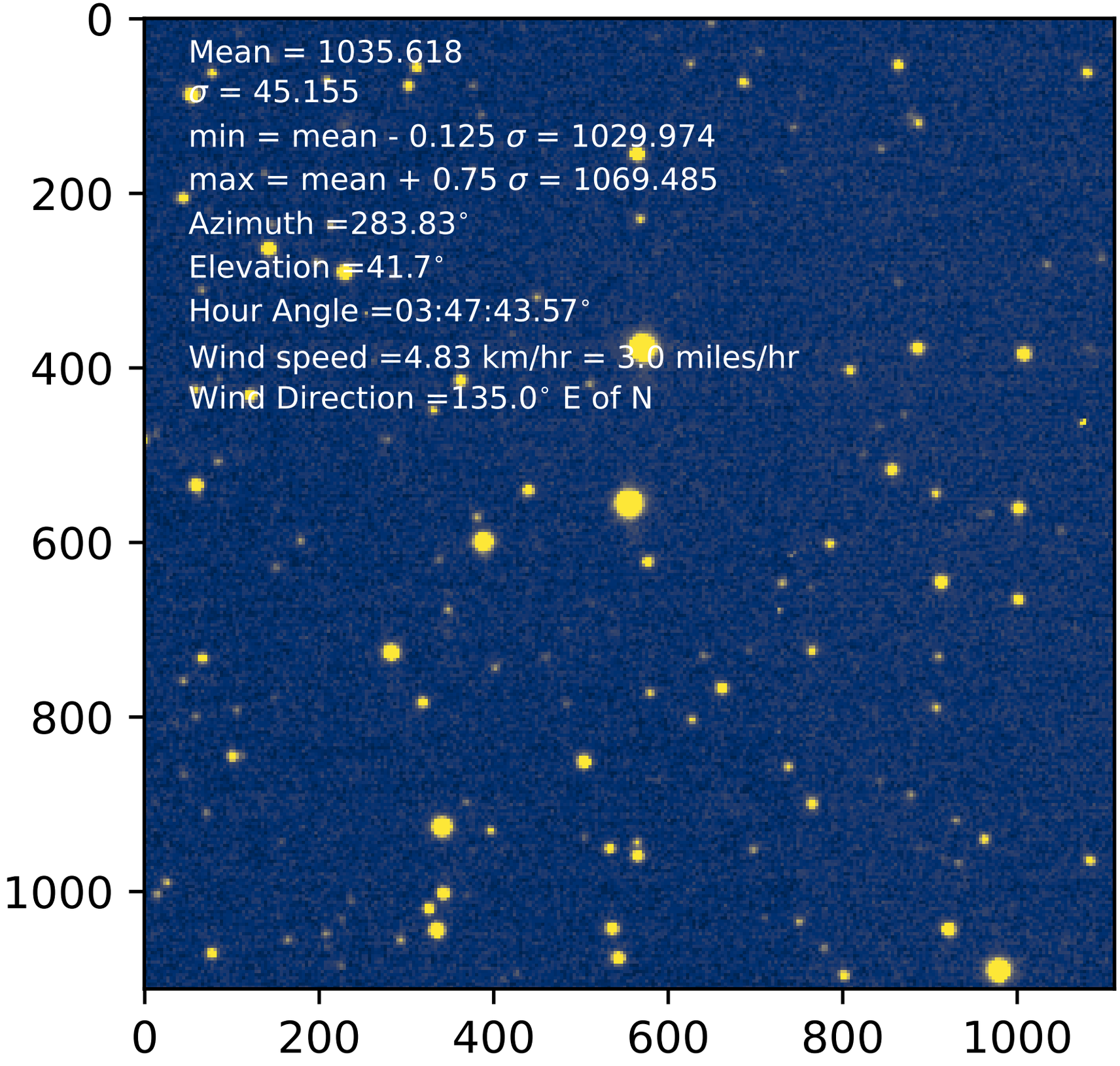

Mean = 1035.311
σ = 45.088
min = mean - 0.125 σ = 1029.675
max = mean + 0.75 σ = 1069.127
Azimuth =283.52°
Elevation =42.44°
Hour Angle =03:44:05.97°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

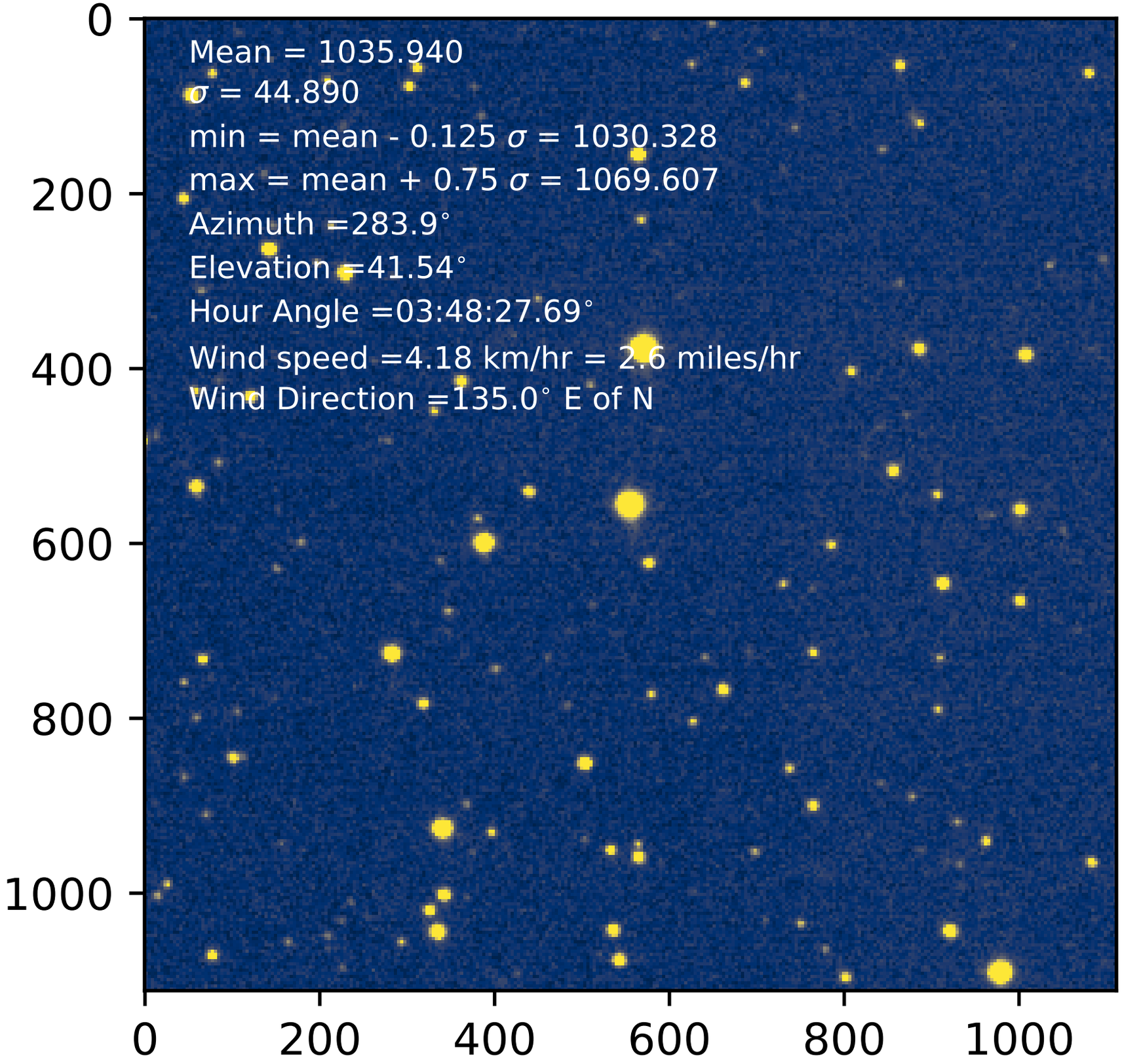

Mean = 1035.684
σ = 45.122
min = mean - 0.125 σ = 1030.043
max = mean + 0.75 σ = 1069.525
Azimuth =283.58°
Elevation =42.3°
Hour Angle =03:44:49.09°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

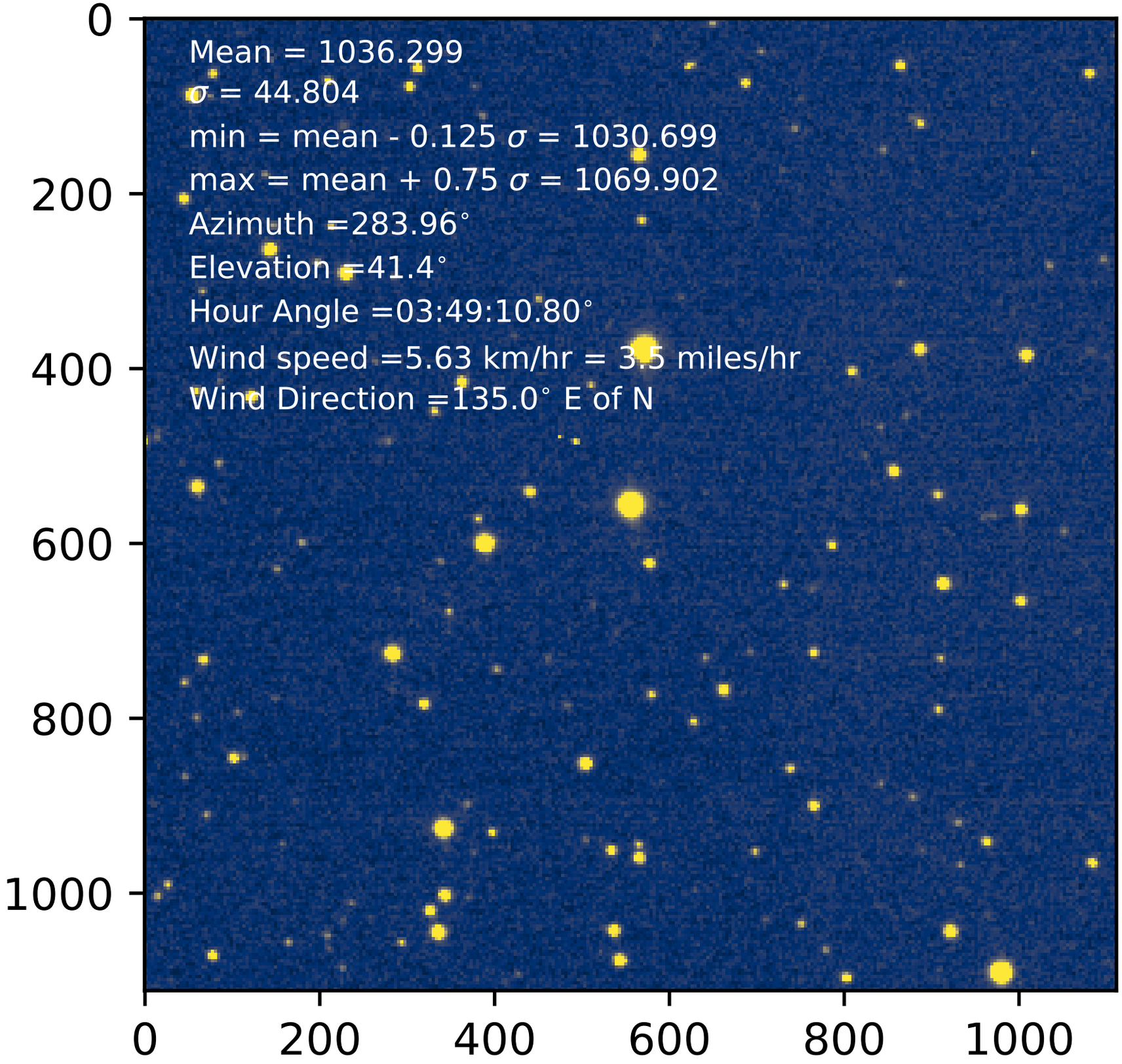

Mean = 1036.019
σ = 45.146
min = mean - 0.125 σ = 1030.376
max = mean + 0.75 σ = 1069.878
Azimuth =283.65°
Elevation =42.14°
Hour Angle =03:45:33.21°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

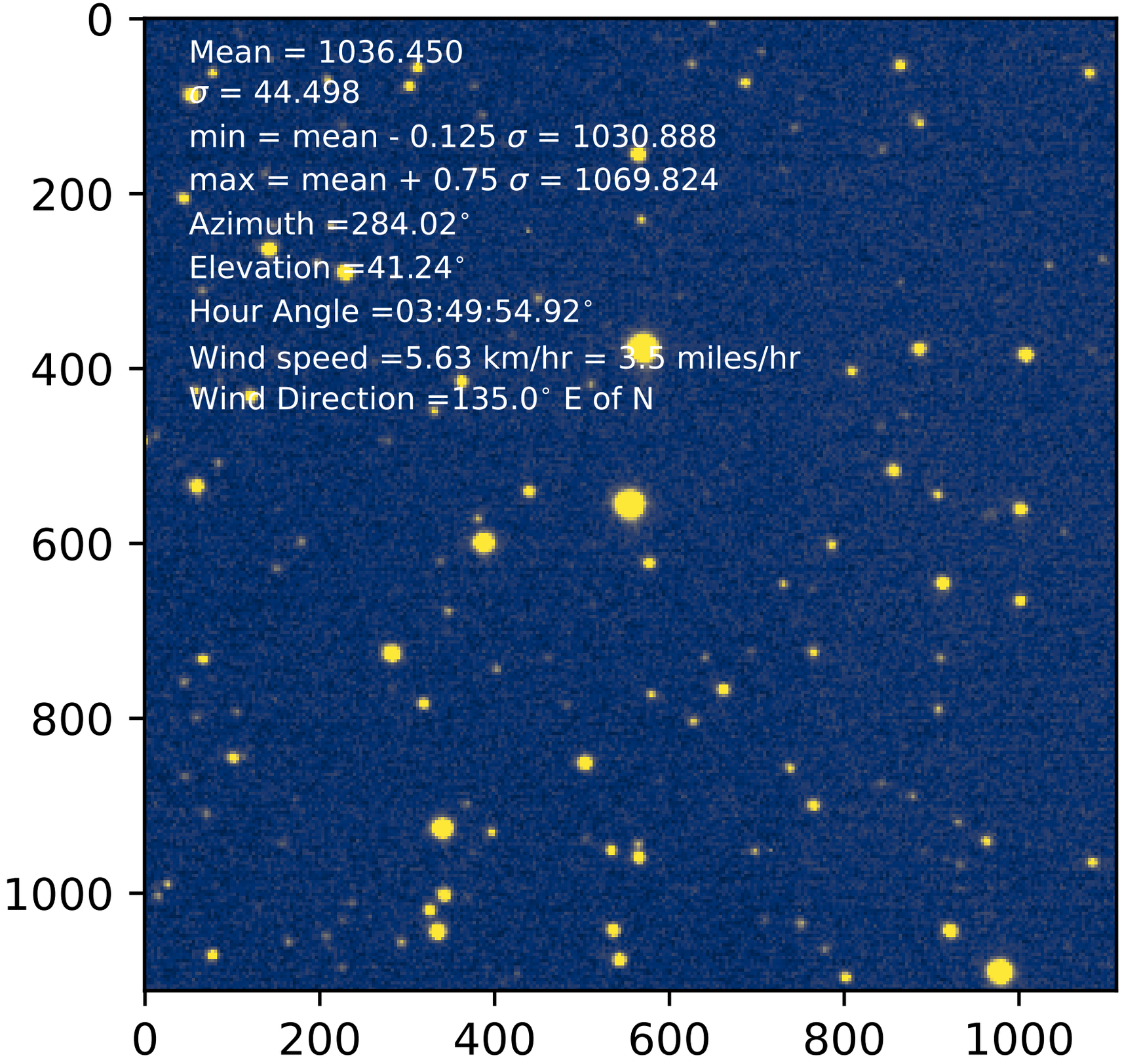

Mean = 1035.961
σ = 45.026
min = mean - 0.125 σ = 1030.333
max = mean + 0.75 σ = 1069.73
Azimuth =283.71°
Elevation =42.0°
Hour Angle =03:46:16.33°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1035.739
σ = 44.945
min = mean - 0.125 σ = 1030.12
max = mean + 0.75 σ = 1069.447
Azimuth =283.77°
Elevation =41.84°
Hour Angle =03:47:00.45°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1035.618
σ = 45.155
min = mean - 0.125 σ = 1029.974
max = mean + 0.75 σ = 1069.485
Azimuth =283.83°
Elevation =41.7°
Hour Angle =03:47:43.57°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1035.940
σ = 44.890
min = mean - 0.125 σ = 1030.328
max = mean + 0.75 σ = 1069.607
Azimuth =283.9°
Elevation =41.54°
Hour Angle =03:48:27.69°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1036.299
σ = 44.804
min = mean - 0.125 σ = 1030.699
max = mean + 0.75 σ = 1069.902
Azimuth =283.96°
Elevation =41.4°
Hour Angle =03:49:10.80°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1036.450
σ = 44.498
min = mean - 0.125 σ = 1030.888
max = mean + 0.75 σ = 1069.824
Azimuth =284.02°
Elevation =41.24°
Hour Angle =03:49:54.92°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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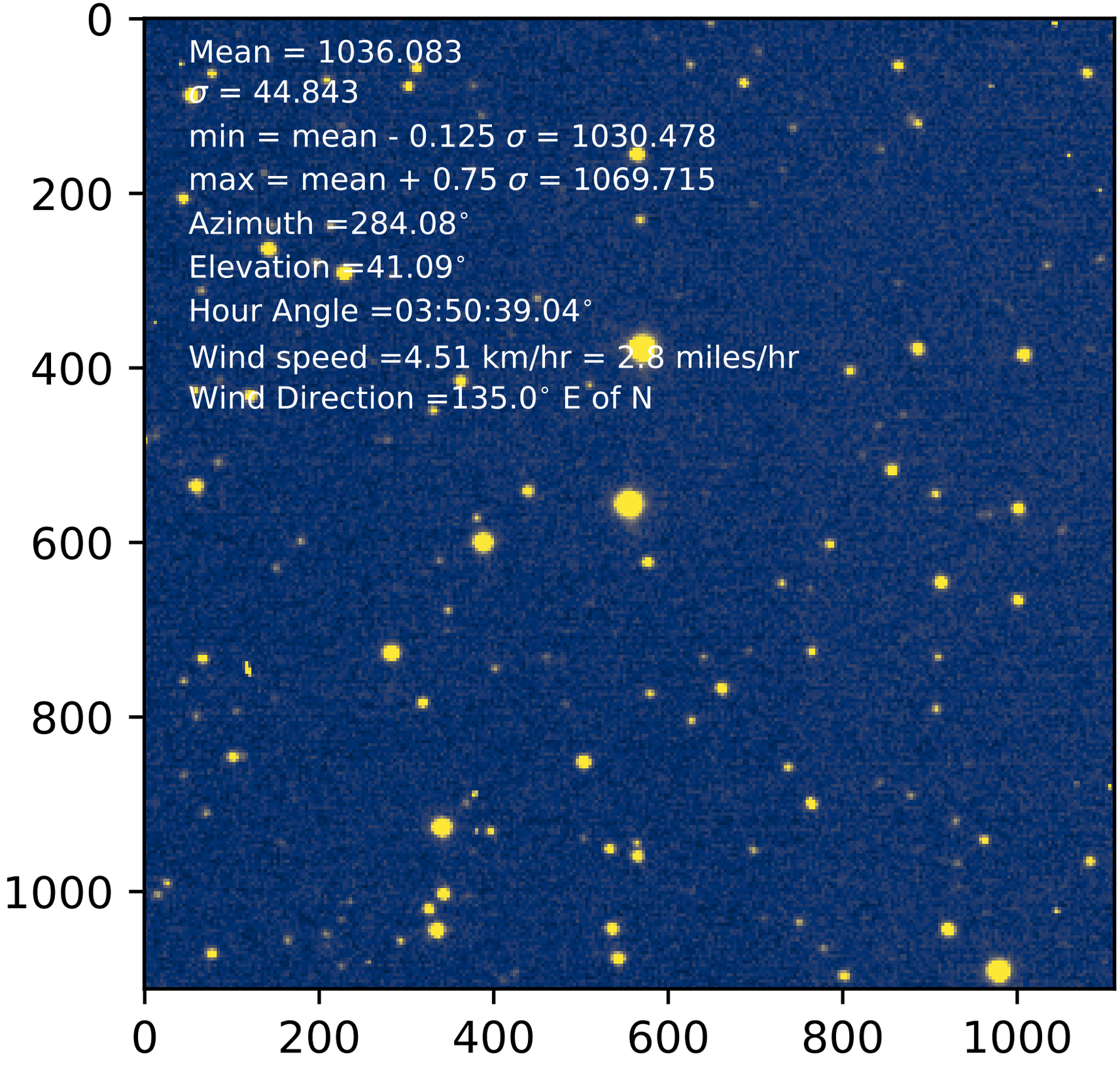
400
600
800
1000


Mean = 1036.083
σ = 44.843
min = mean - 0.125 σ = 1030.478
max = mean + 0.75 σ = 1069.715
Azimuth =284.08°
Elevation =41.09°
Hour Angle =03:50:39.04°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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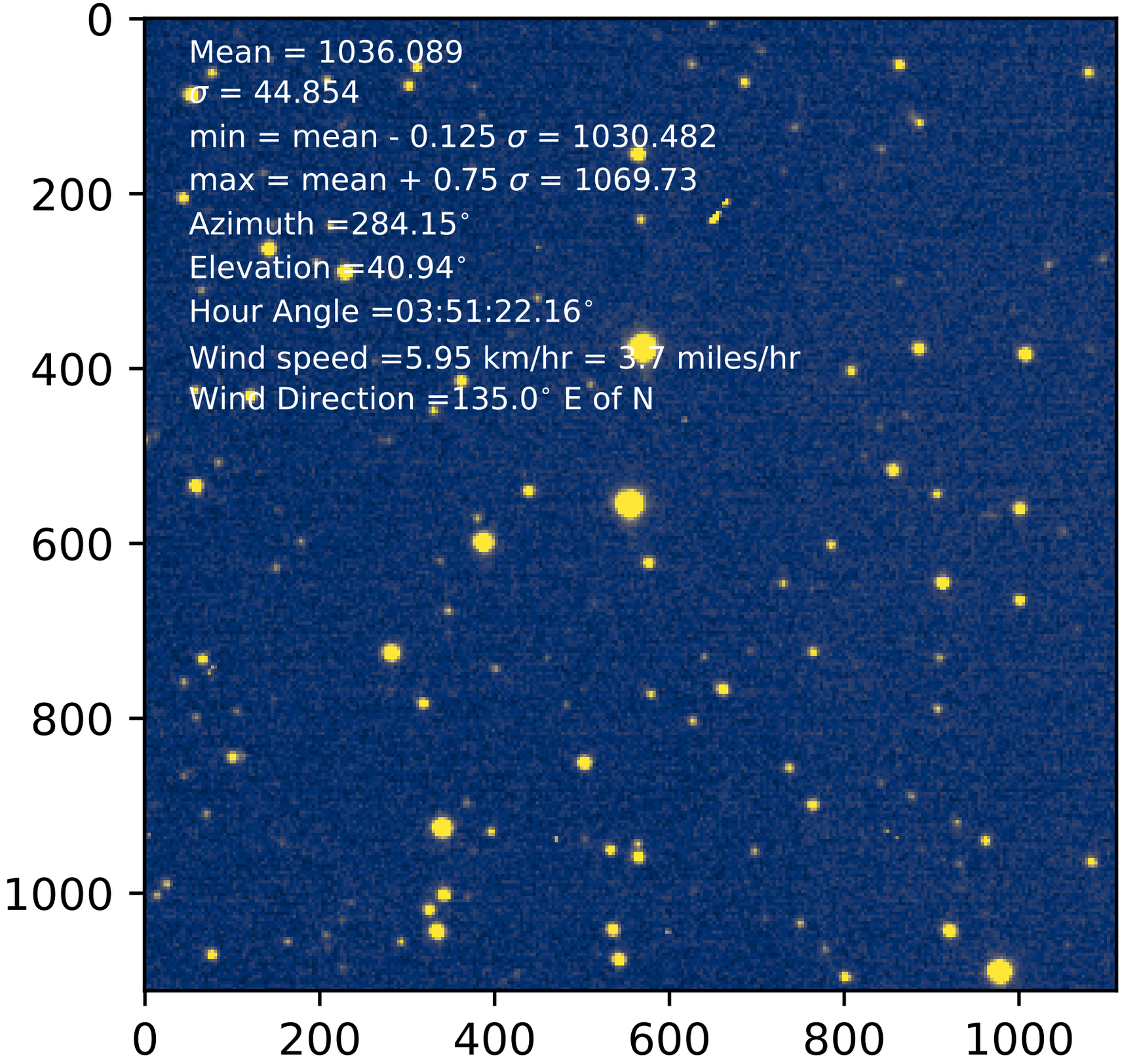
400
600
800
1000


Mean = 1036.089
σ = 44.854
min = mean - 0.125 σ = 1030.482
max = mean + 0.75 σ = 1069.73
Azimuth =284.15°
Elevation =40.94°
Hour Angle =03:51:22.16°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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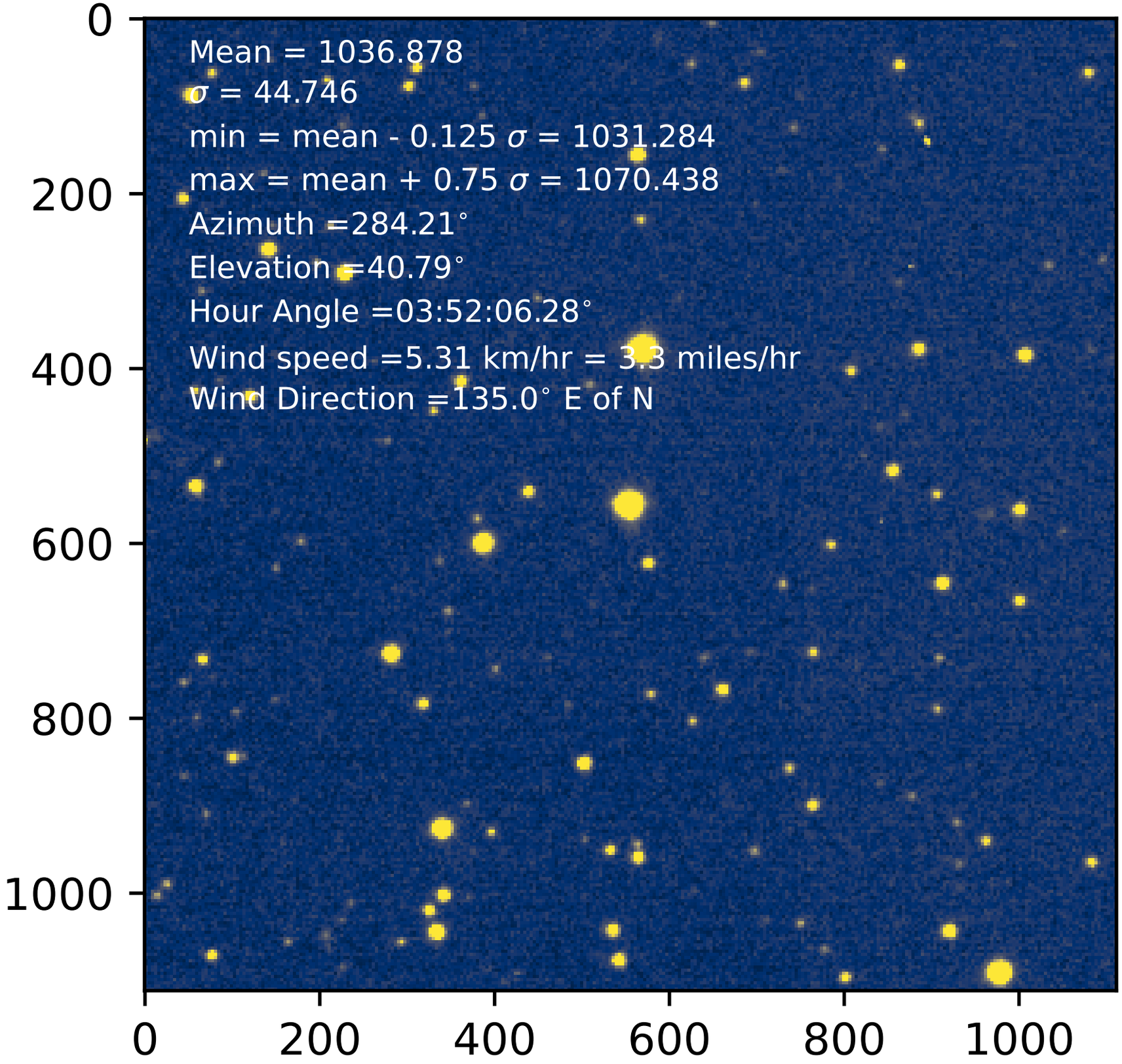
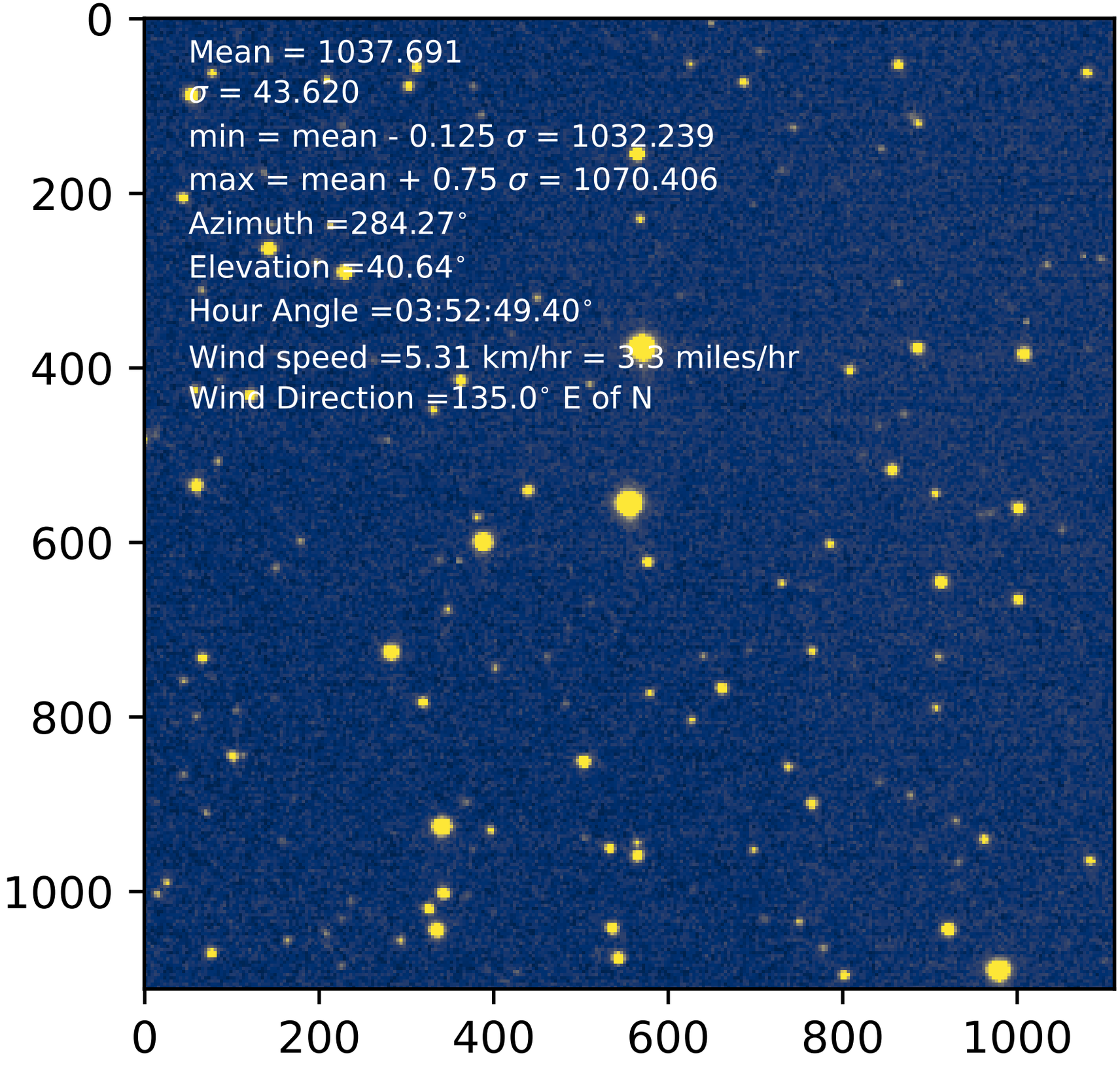
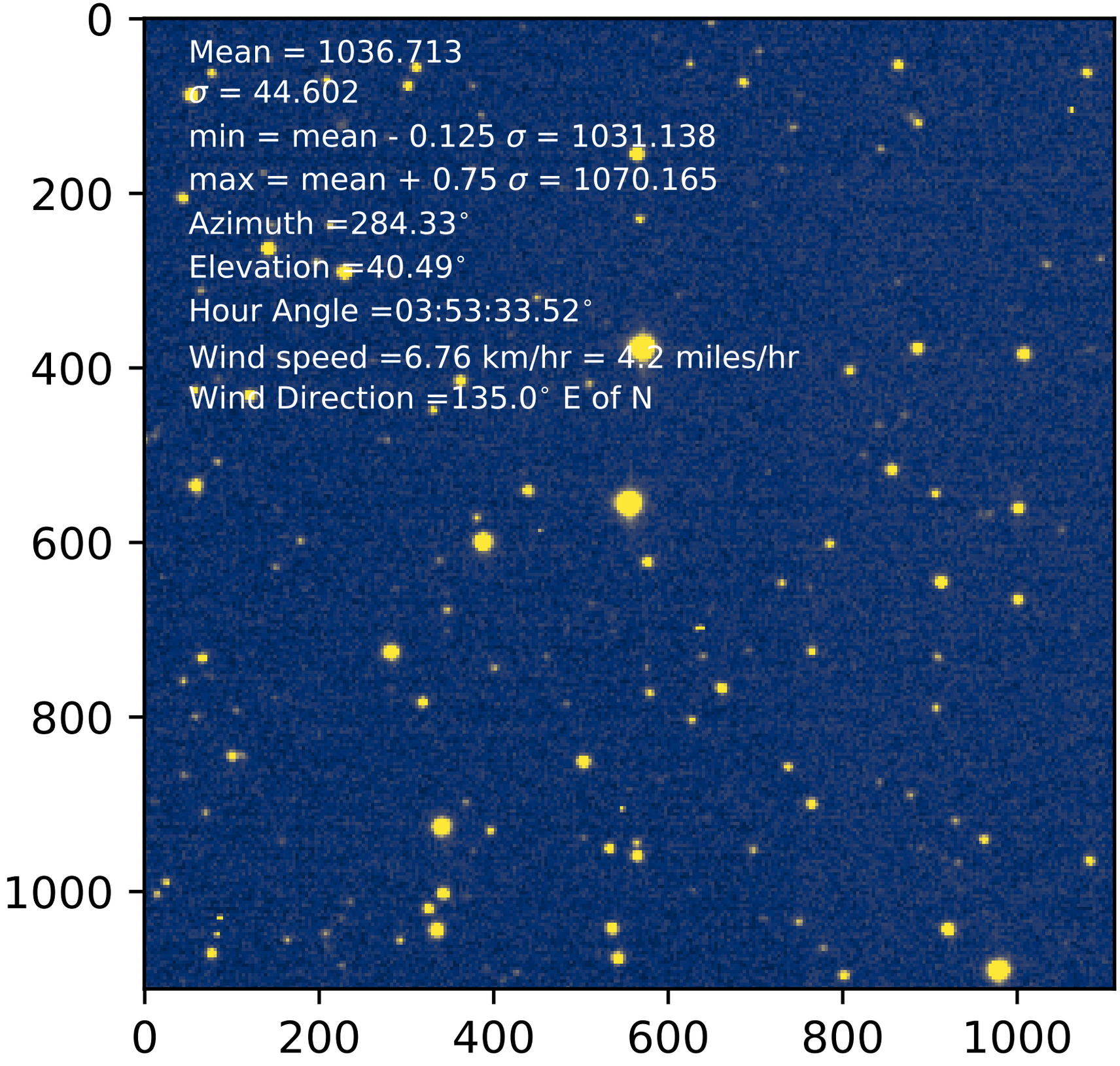
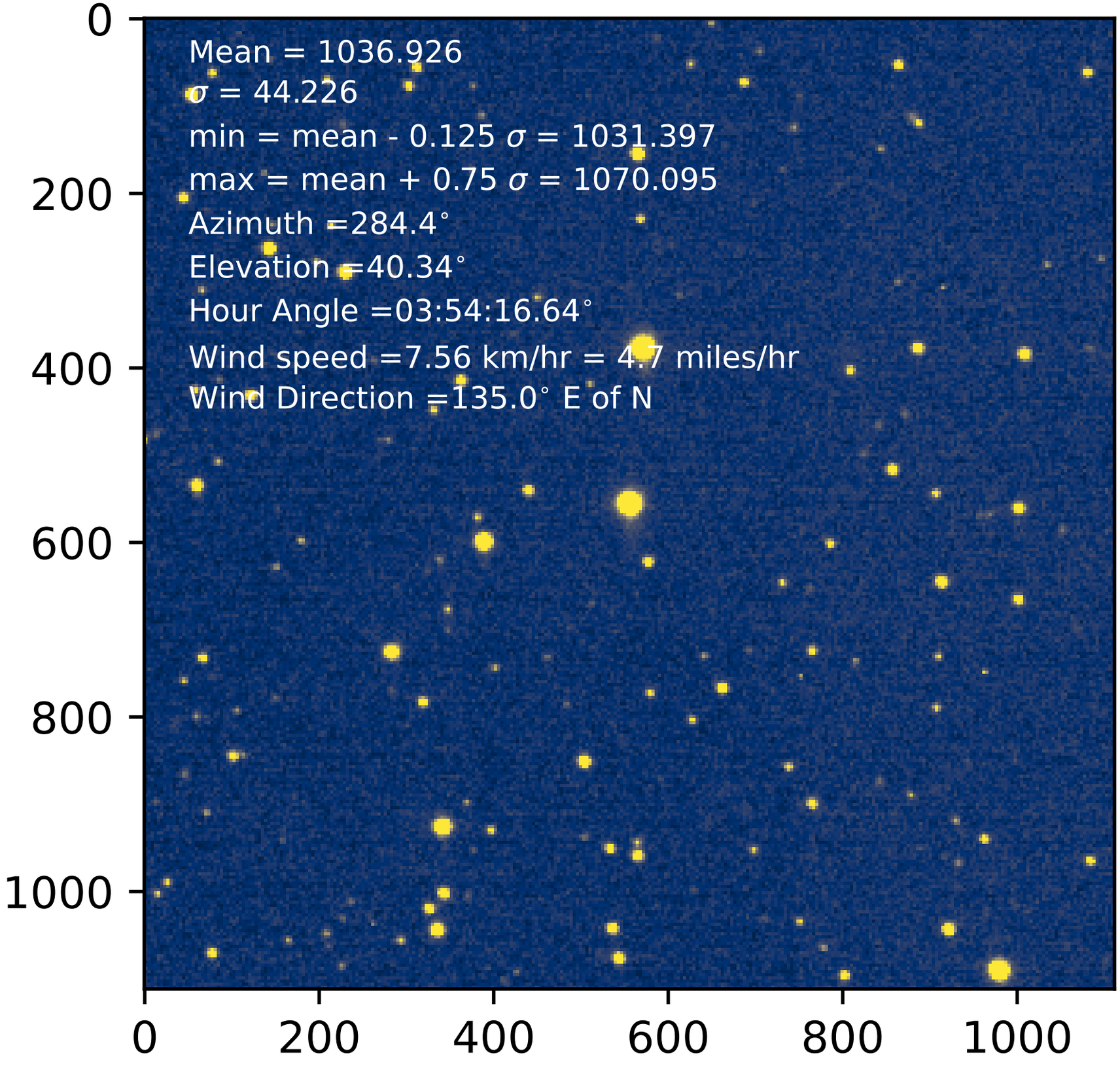
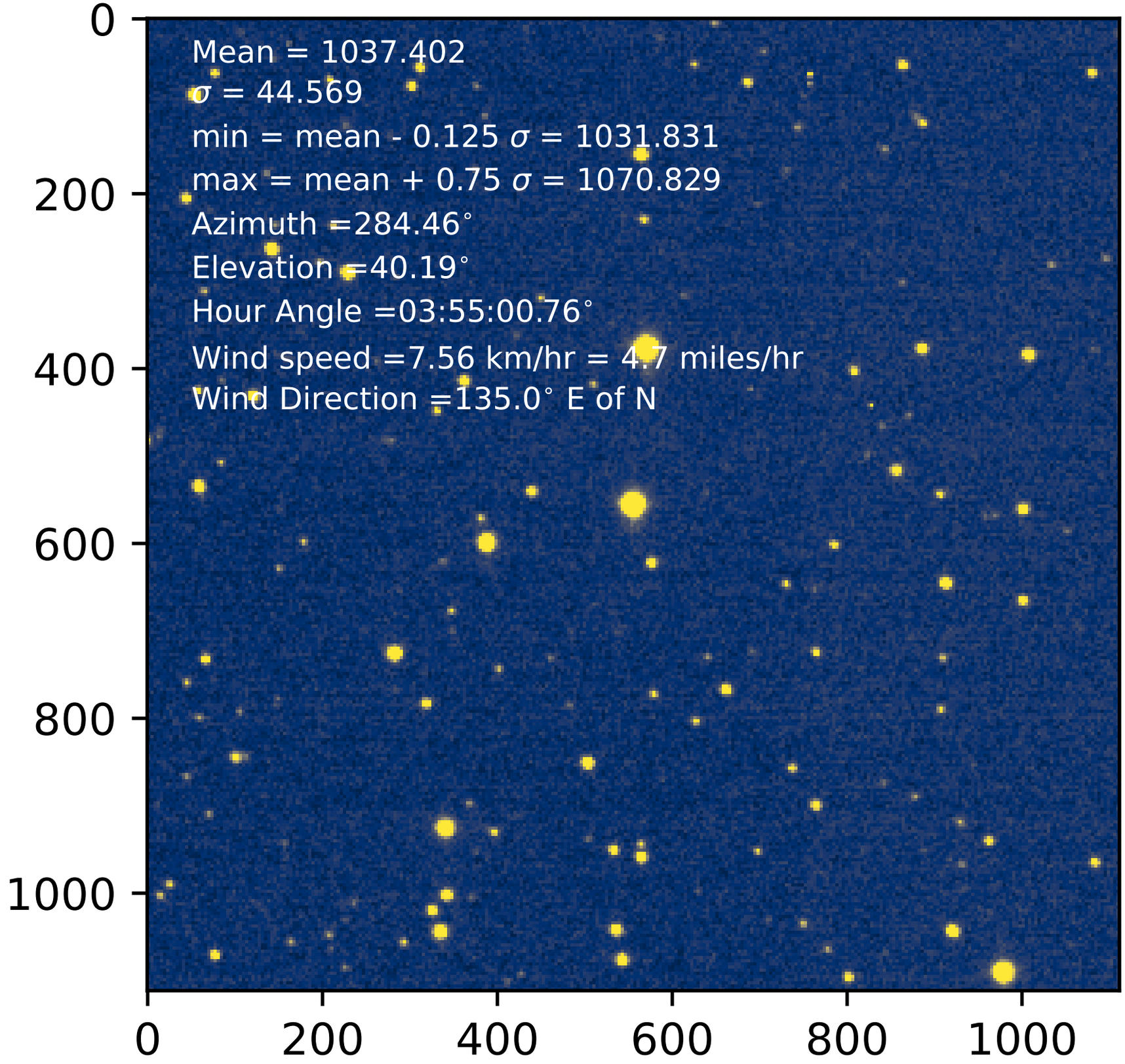
400
600
800
1000

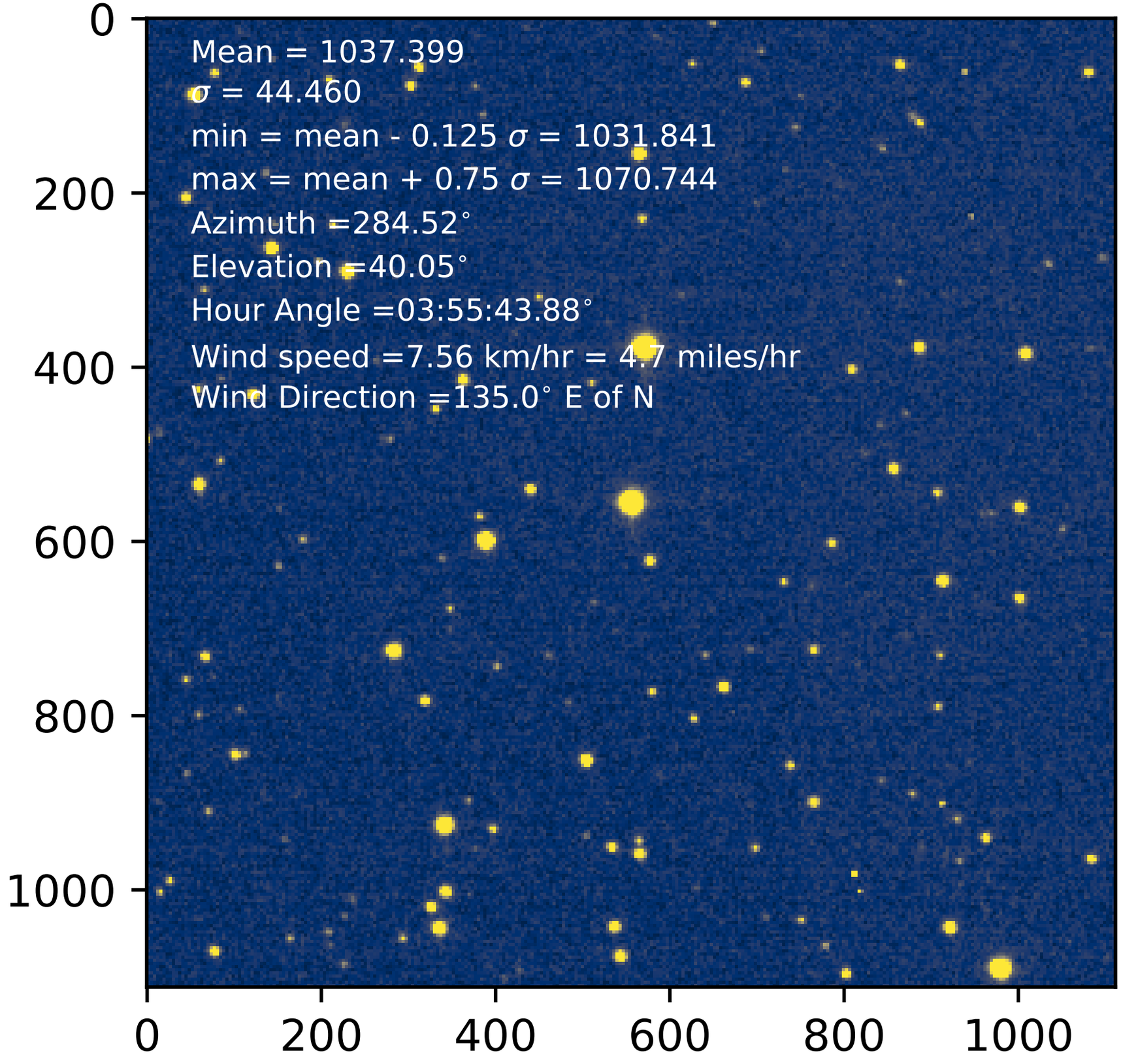

Mean = 1036.878
σ = 44.746
min = mean - 0.125 σ = 1031.284
max = mean + 0.75 σ = 1070.438
Azimuth =284.21°
Elevation =40.79°
Hour Angle =03:52:06.28°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

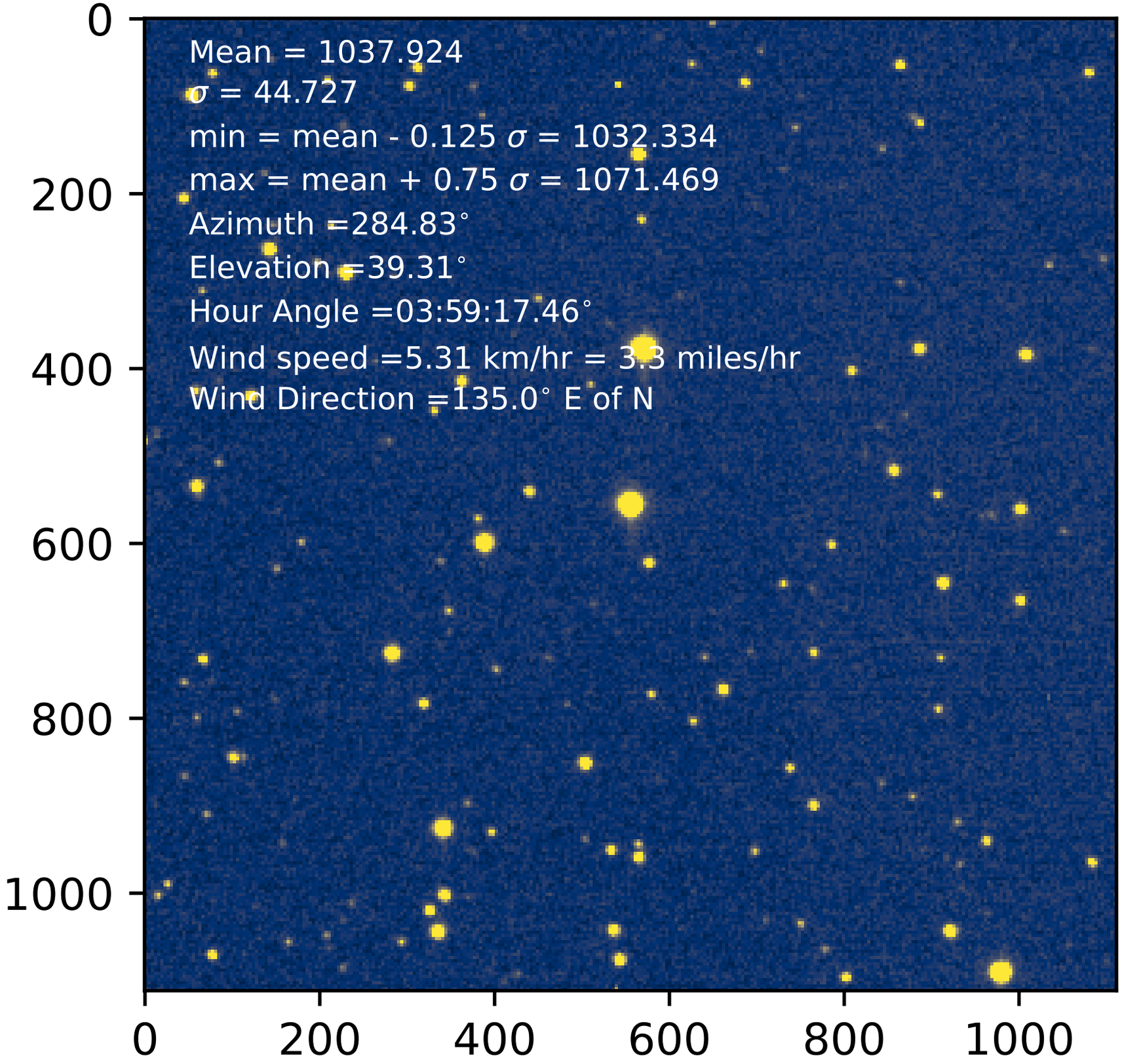

Mean = 1037.691
σ = 43.620
min = mean - 0.125 σ = 1032.239
max = mean + 0.75 σ = 1070.406
Azimuth =284.27°
Elevation =40.64°
Hour Angle =03:52:49.40°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

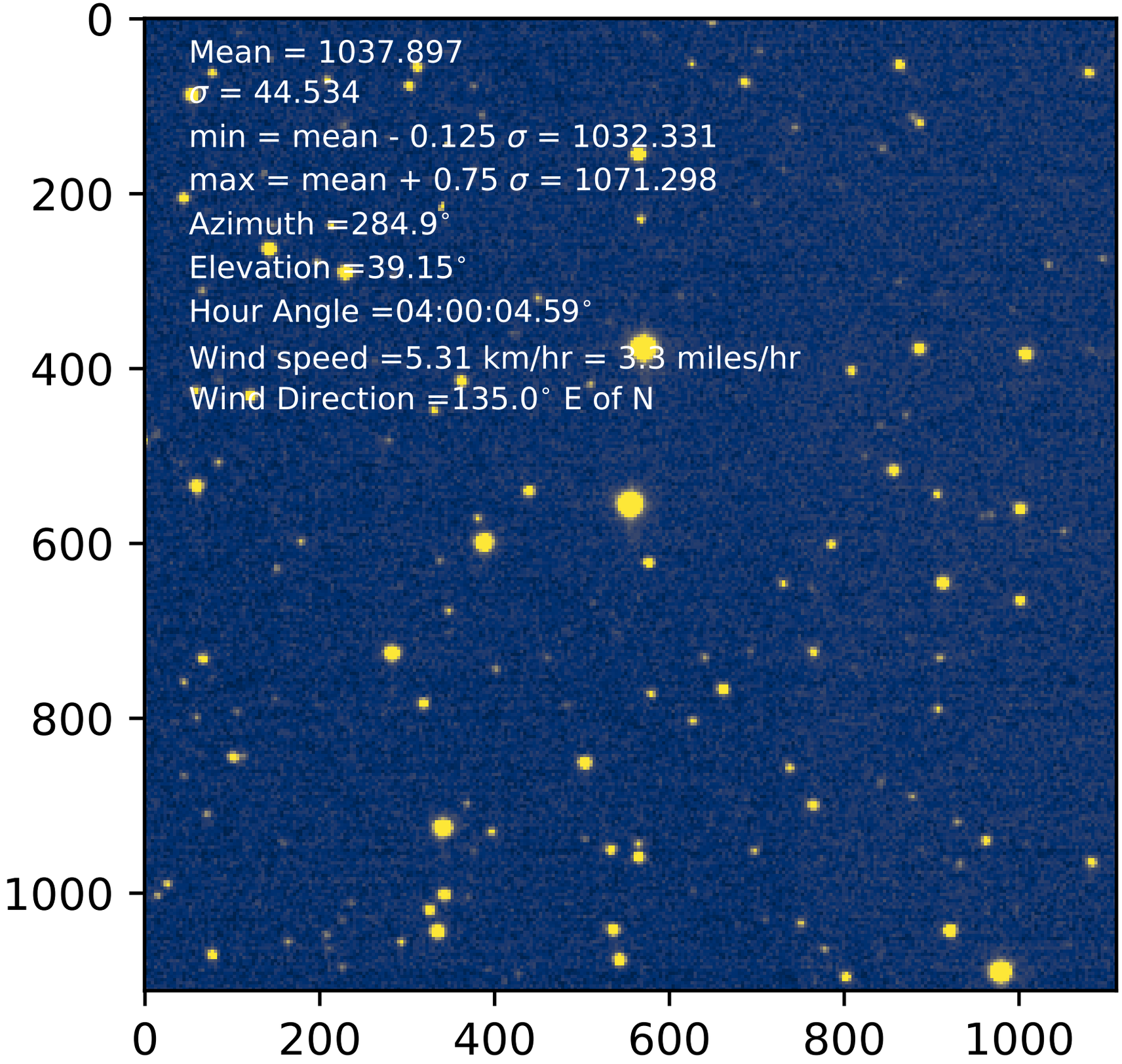

Mean = 1036.713
σ = 44.602
min = mean - 0.125 σ = 1031.138
max = mean + 0.75 σ = 1070.165
Azimuth =284.33°
Elevation =40.49°
Hour Angle =03:53:33.52°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

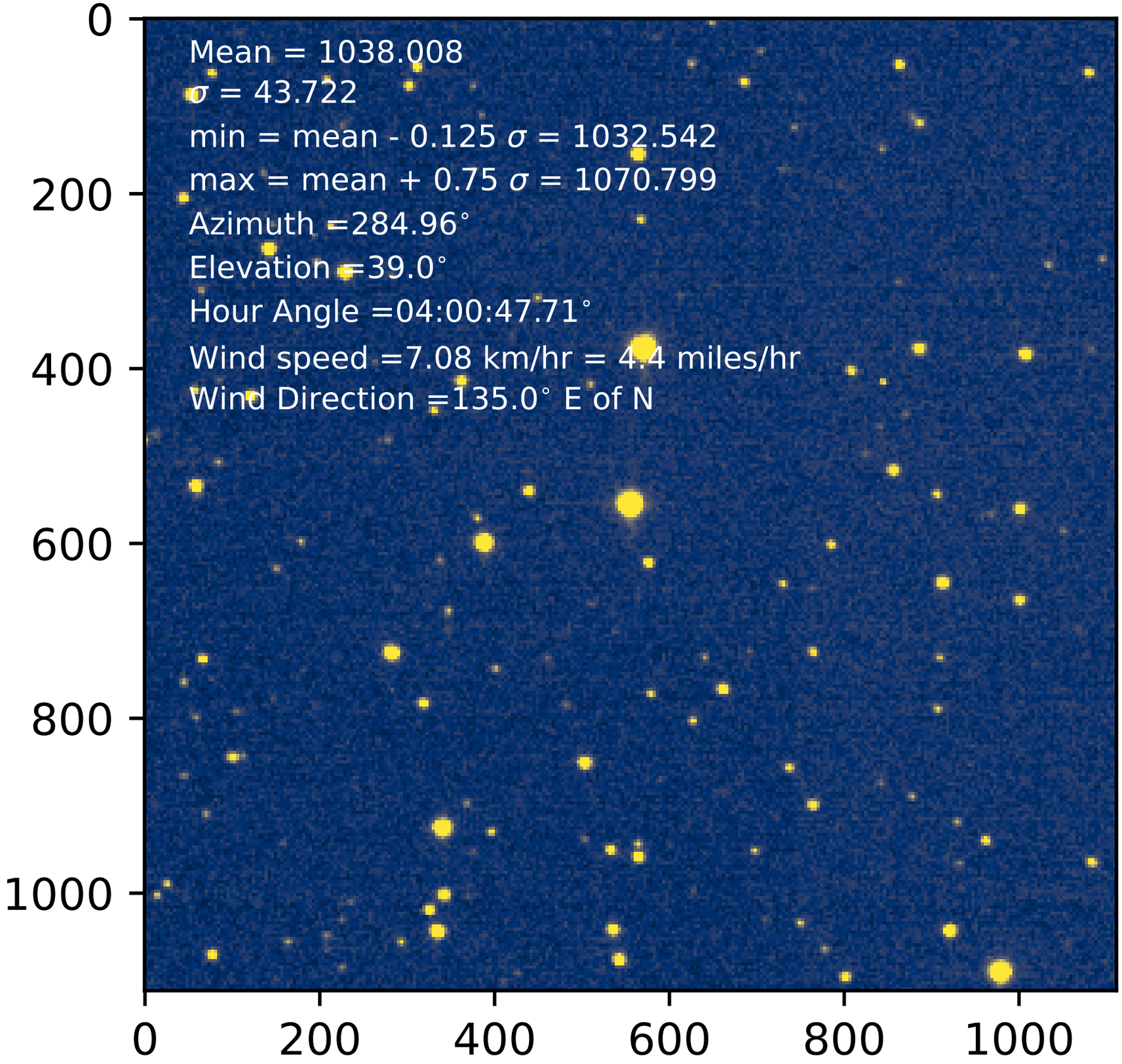

Mean = 1036.926
σ = 44.226
min = mean - 0.125 σ = 1031.397
max = mean + 0.75 σ = 1070.095
Azimuth =284.4°
Elevation =40.34°
Hour Angle =03:54:16.64°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

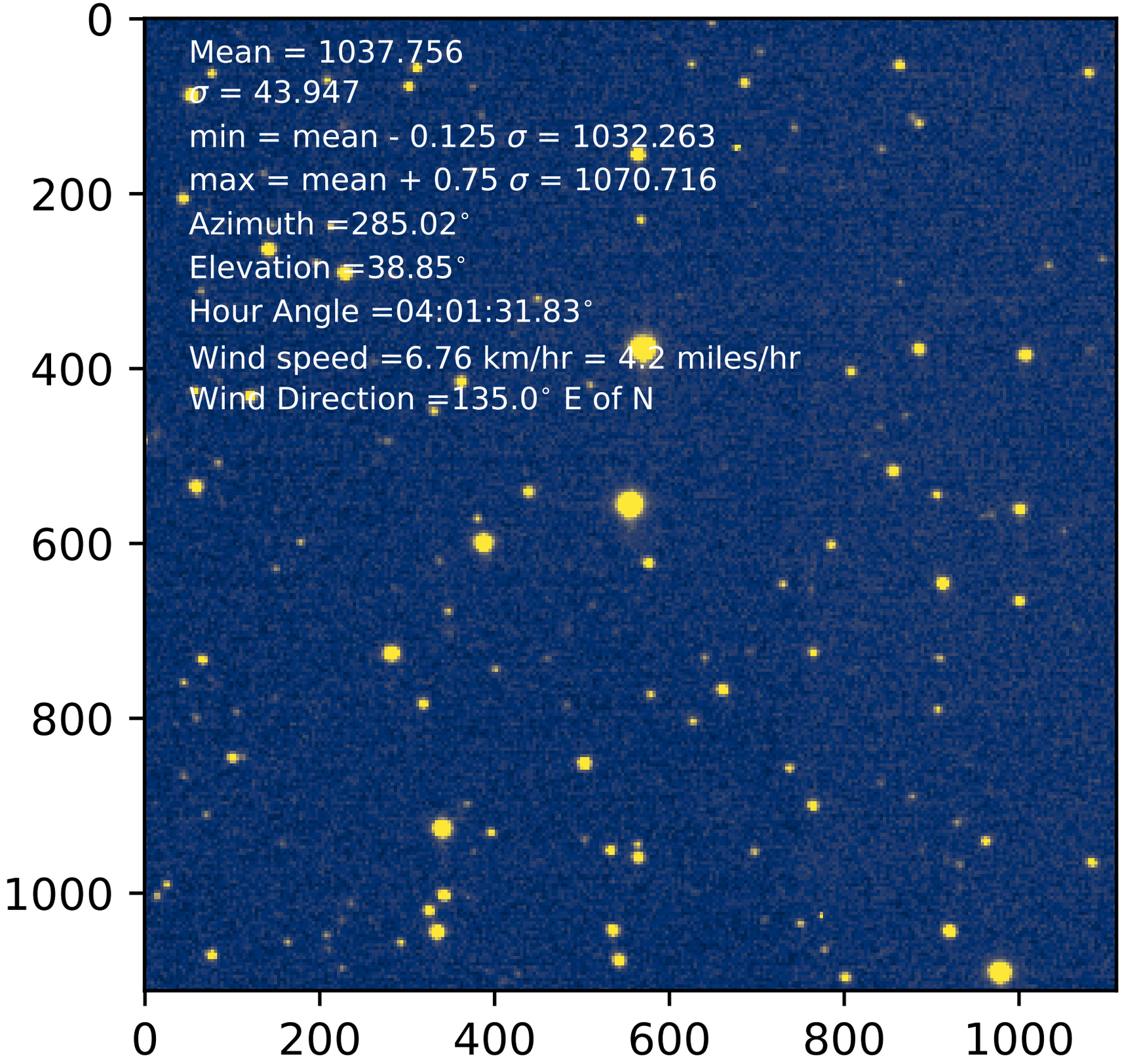

Mean = 1037.402
σ = 44.569
min = mean - 0.125 σ = 1031.831
max = mean + 0.75 σ = 1070.829
Azimuth =284.46°
Elevation =40.19°
Hour Angle =03:55:00.76°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

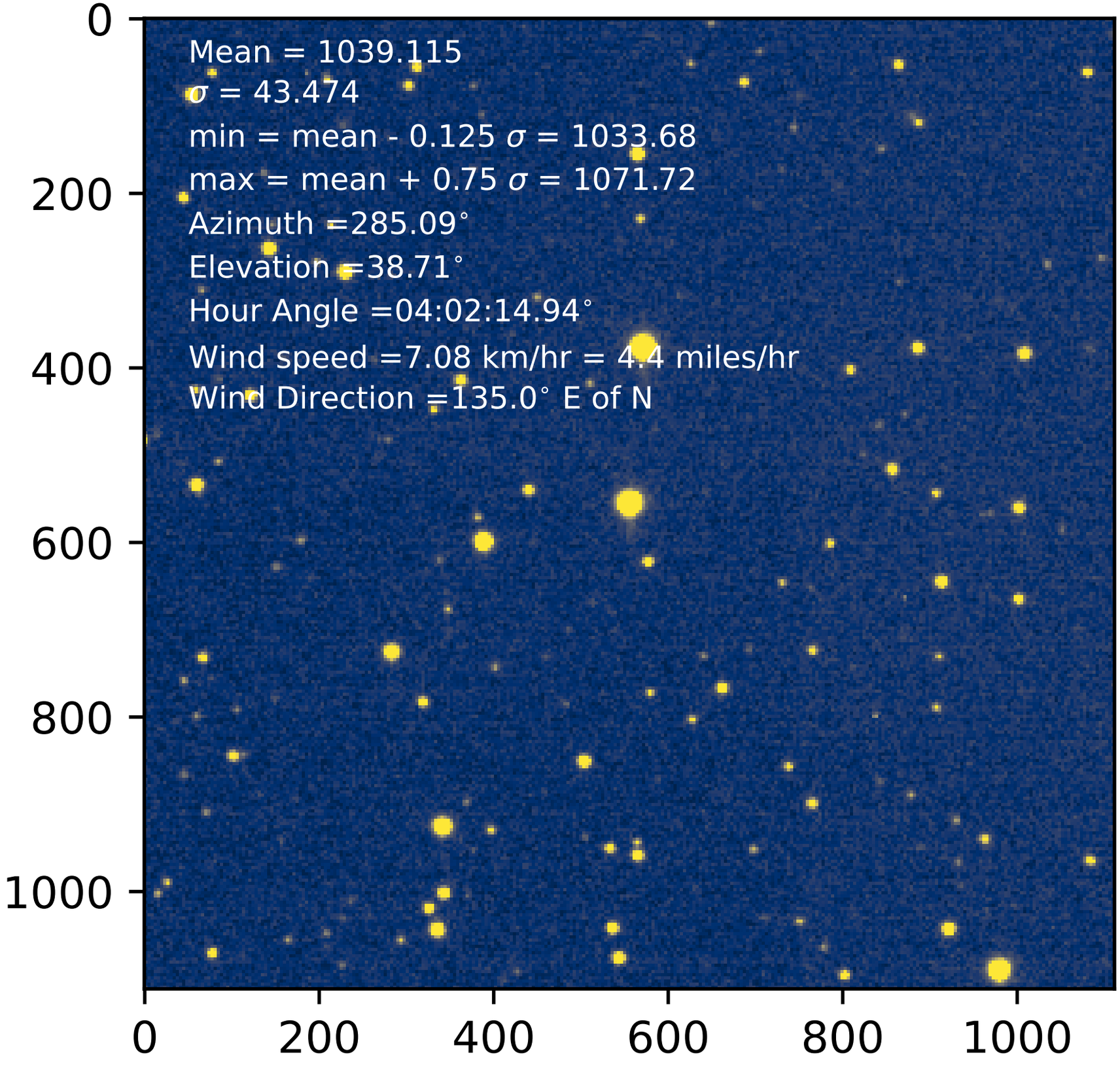

Mean = 1037.399
σ = 44.460
min = mean - 0.125 σ = 1031.841
max = mean + 0.75 σ = 1070.744
Azimuth =284.52°
Elevation =40.05°
Hour Angle =03:55:43.88°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

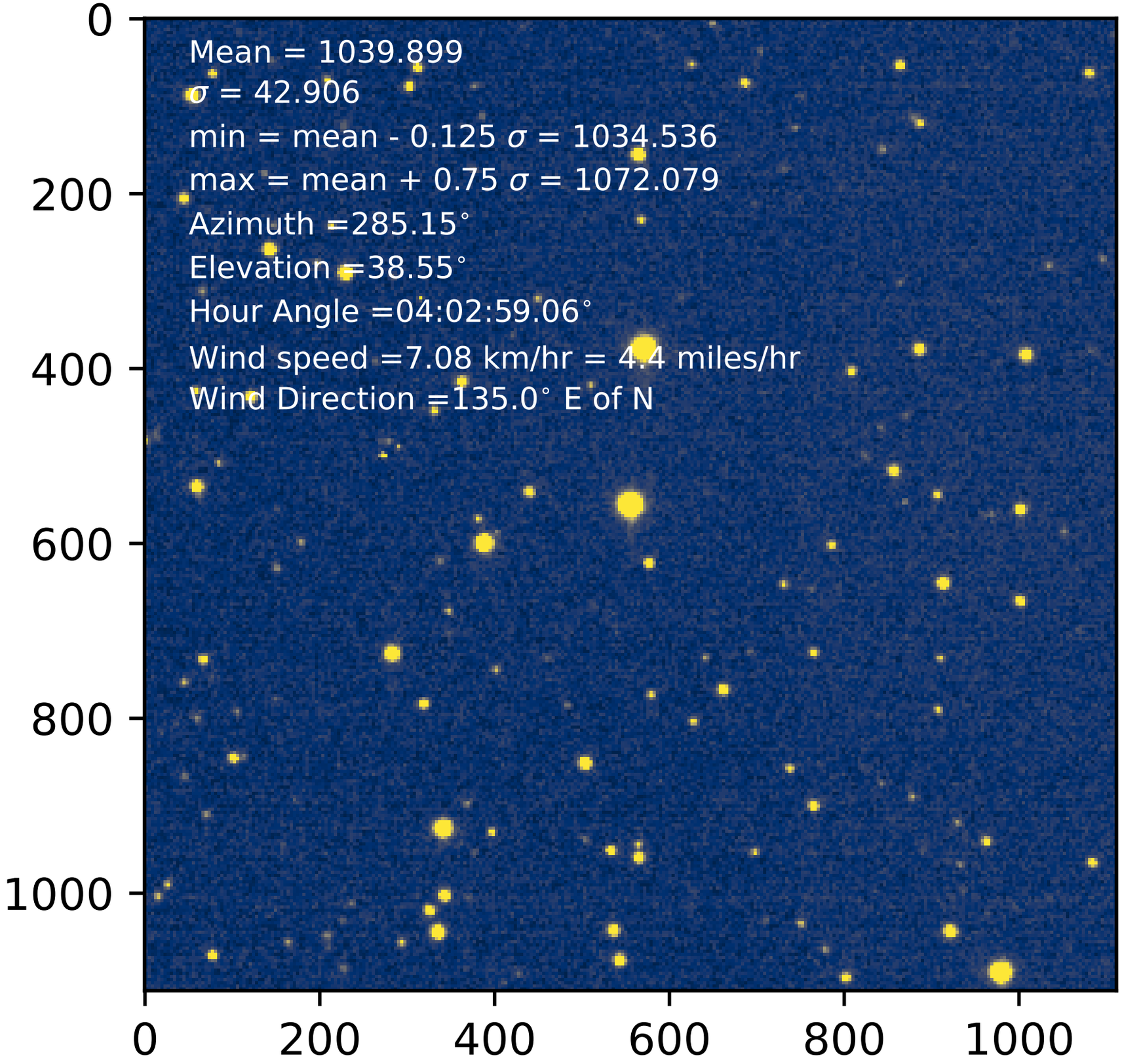

Mean = 1037.924
σ = 44.727
min = mean - 0.125 σ = 1032.334
max = mean + 0.75 σ = 1071.469
Azimuth =284.83°
Elevation =39.31°
Hour Angle =03:59:17.46°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

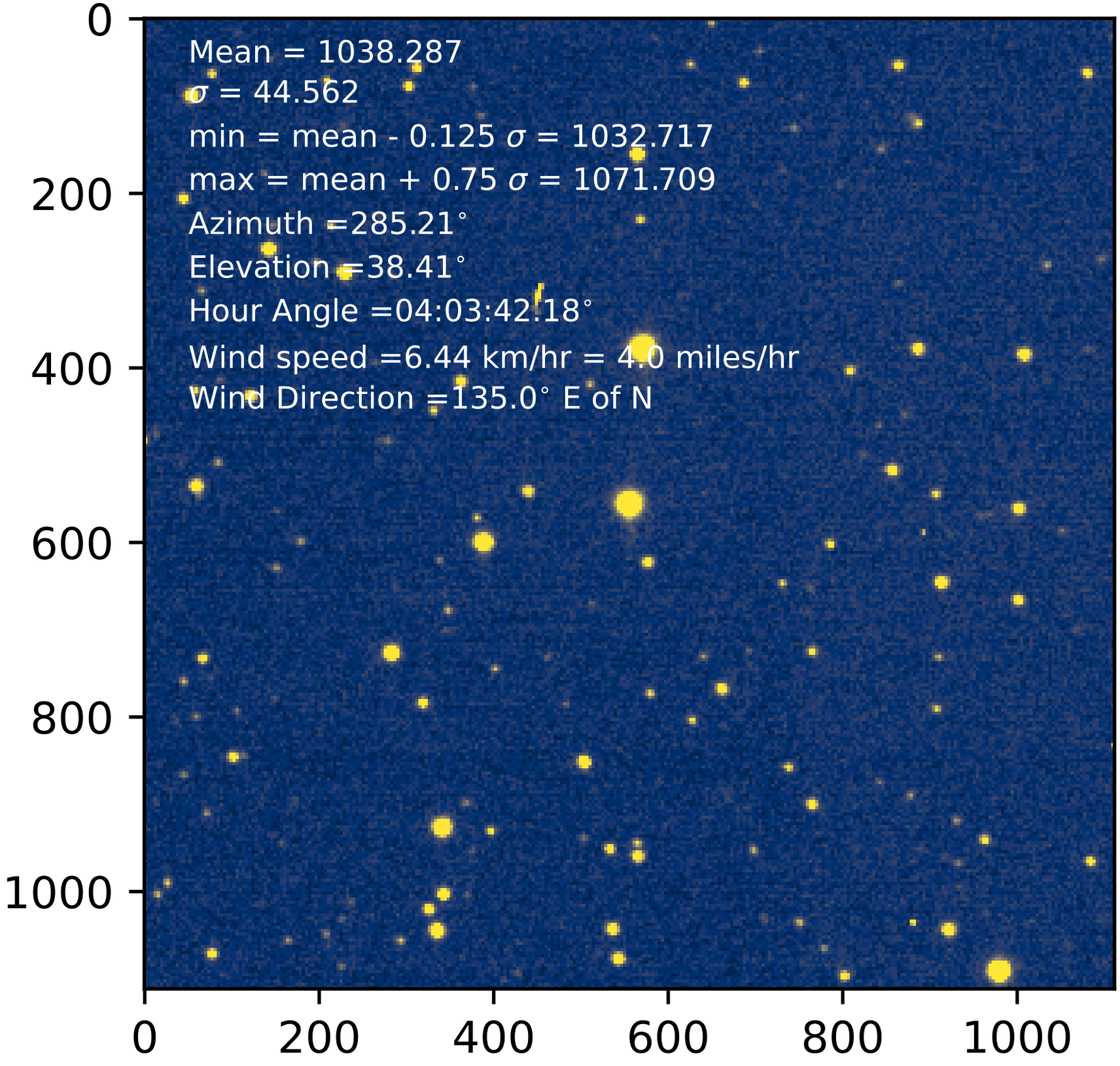

Mean = 1037.897
σ = 44.534
min = mean - 0.125 σ = 1032.331
max = mean + 0.75 σ = 1071.298
Azimuth =284.9°
Elevation =39.15°
Hour Angle =04:00:04.59°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

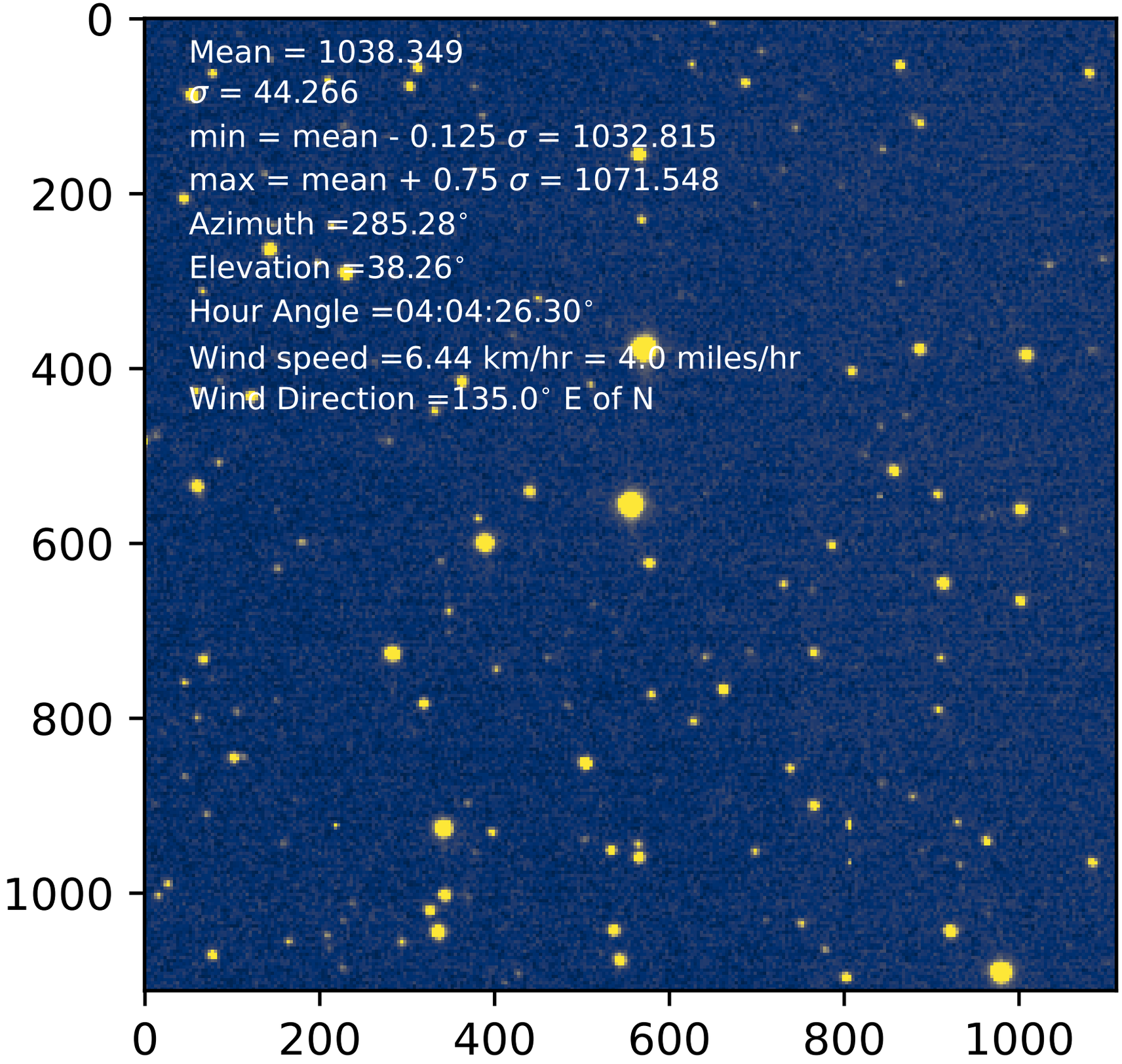

Mean = 1038.008
σ = 43.722
min = mean - 0.125 σ = 1032.542
max = mean + 0.75 σ = 1070.799
Azimuth =284.96°
Elevation =39.0°
Hour Angle =04:00:47.71°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

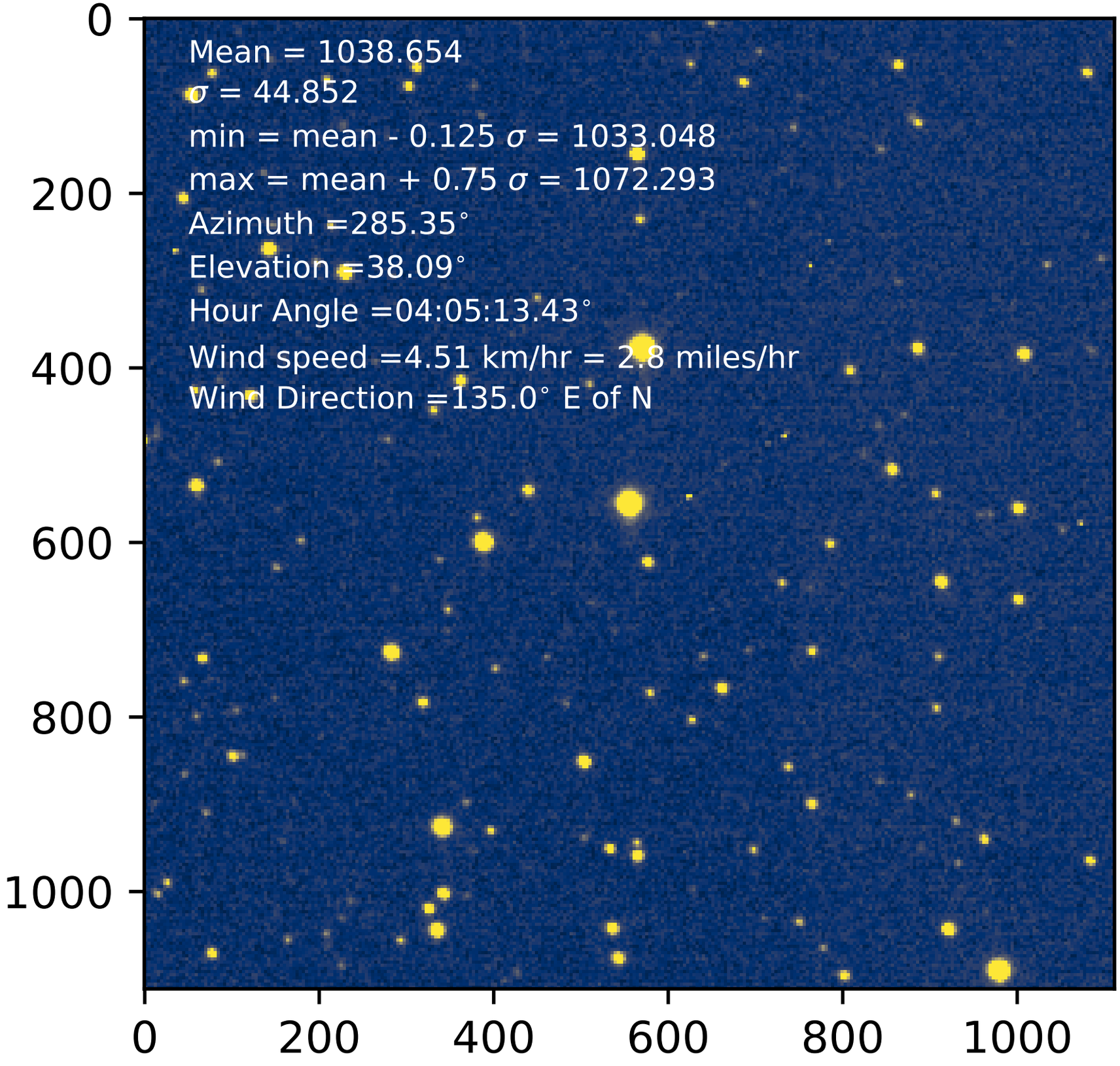

Mean = 1037.756
σ = 43.947
min = mean - 0.125 σ = 1032.263
max = mean + 0.75 σ = 1070.716
Azimuth =285.02°
Elevation =38.85°
Hour Angle =04:01:31.83°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

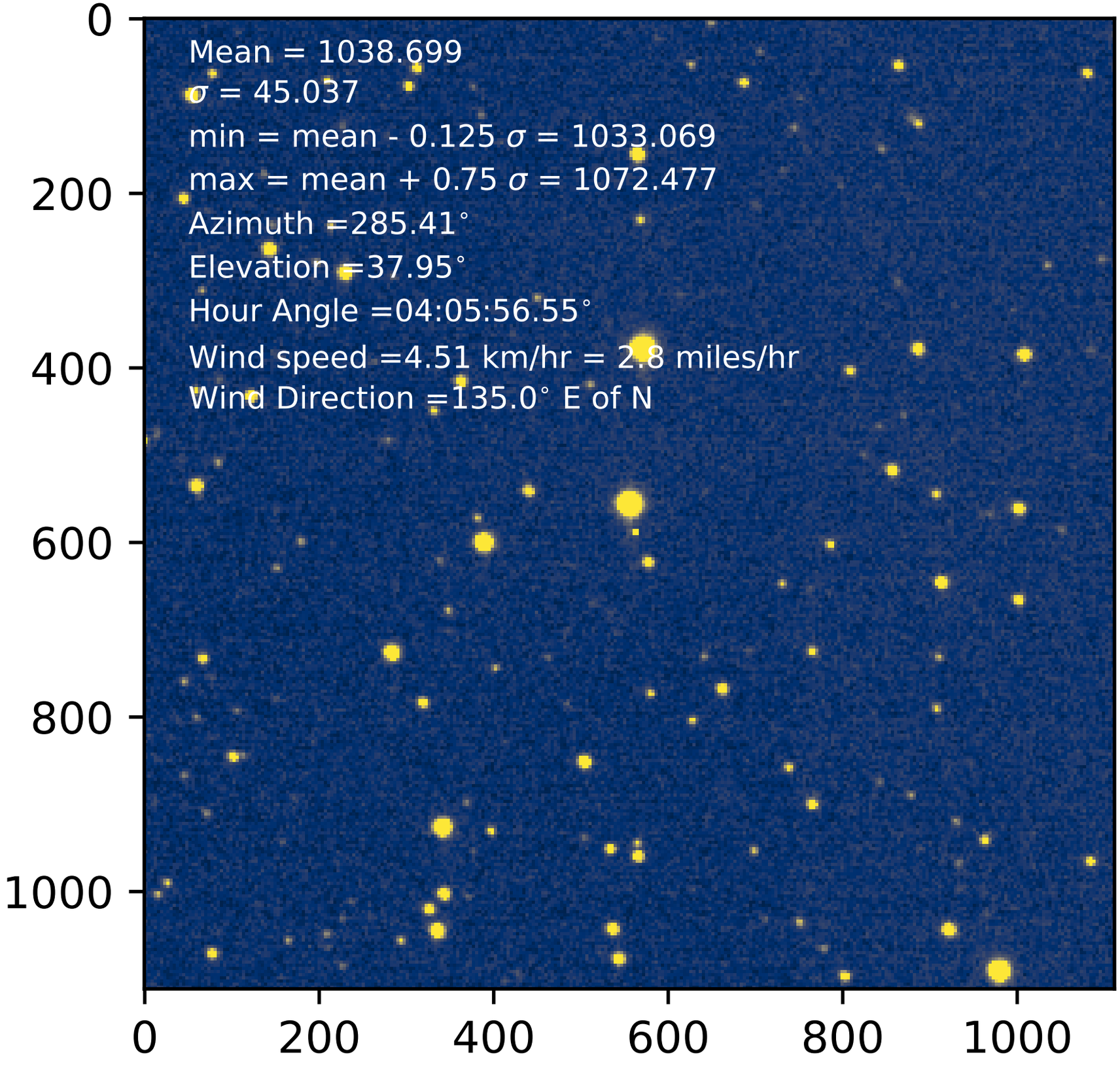

Mean = 1039.115
σ = 43.474
min = mean - 0.125 σ = 1033.68
max = mean + 0.75 σ = 1071.72
Azimuth =285.09°
Elevation =38.71°
Hour Angle =04:02:14.94°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

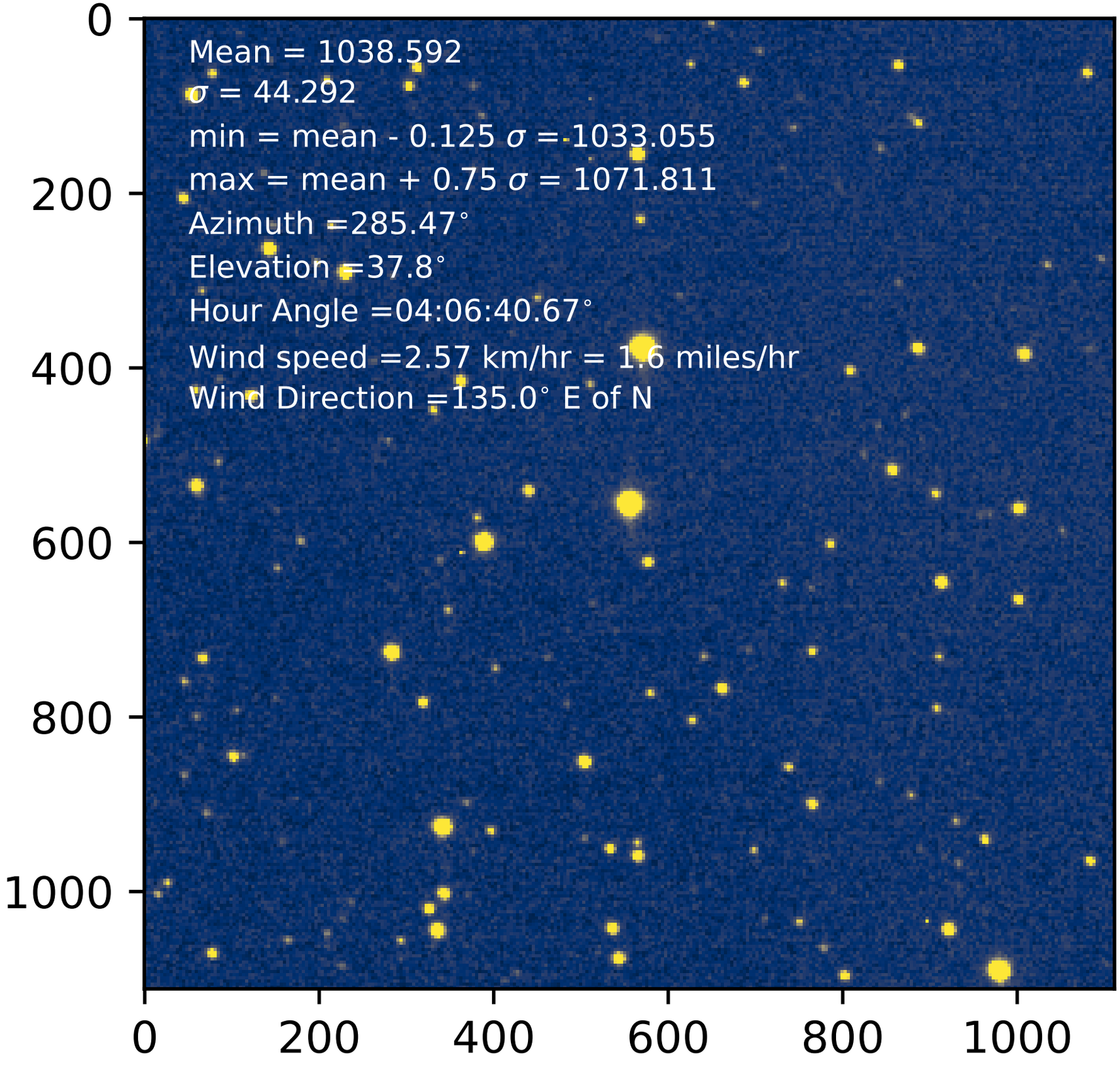

Mean = 1039.899
σ = 42.906
min = mean - 0.125 σ = 1034.536
max = mean + 0.75 σ = 1072.079
Azimuth =285.15°
Elevation =38.55°
Hour Angle =04:02:59.06°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

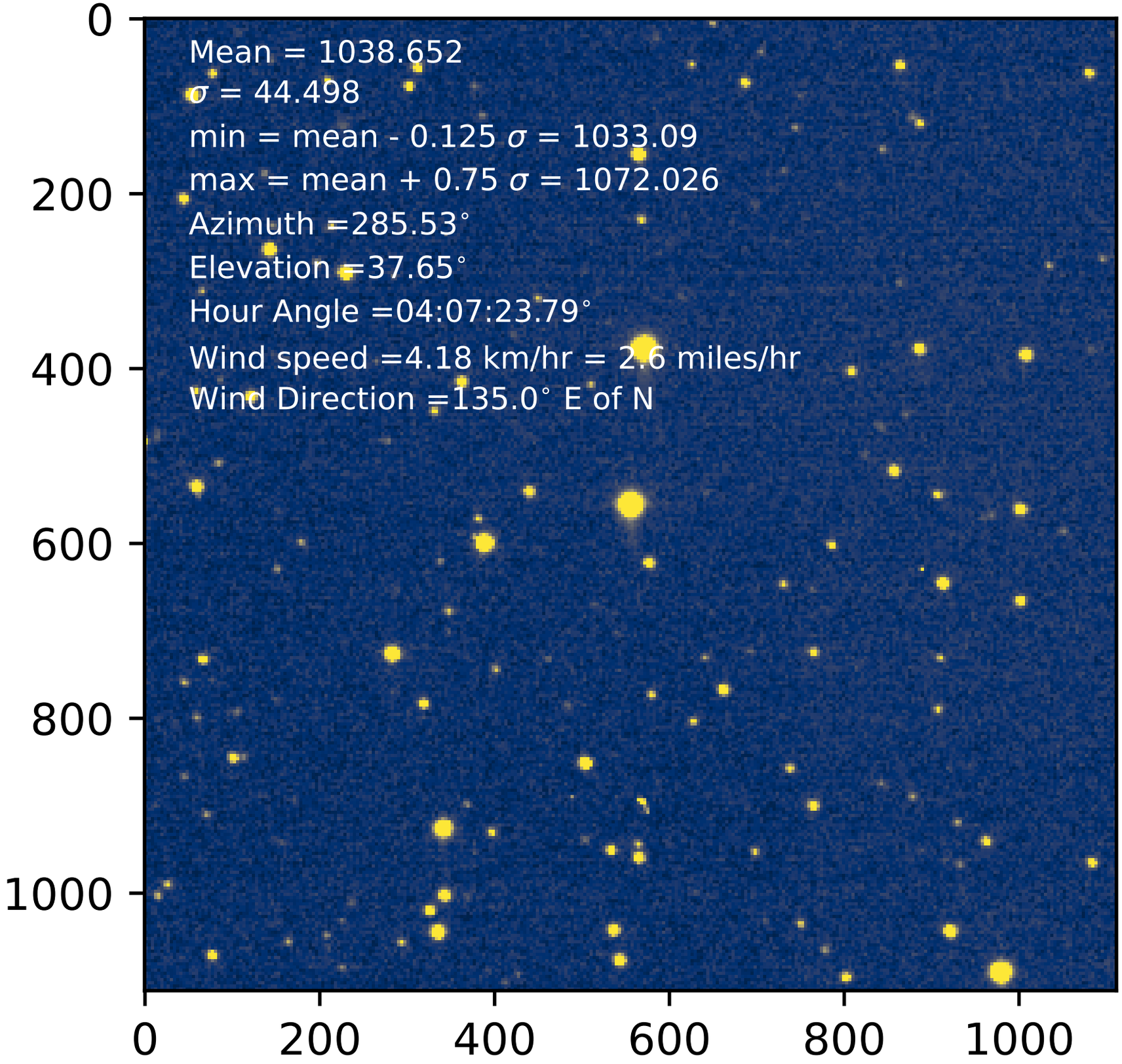

Mean = 1038.287
σ = 44.562
min = mean - 0.125 σ = 1032.717
max = mean + 0.75 σ = 1071.709
Azimuth =285.21°
Elevation =38.41°
Hour Angle =04:03:42.18°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

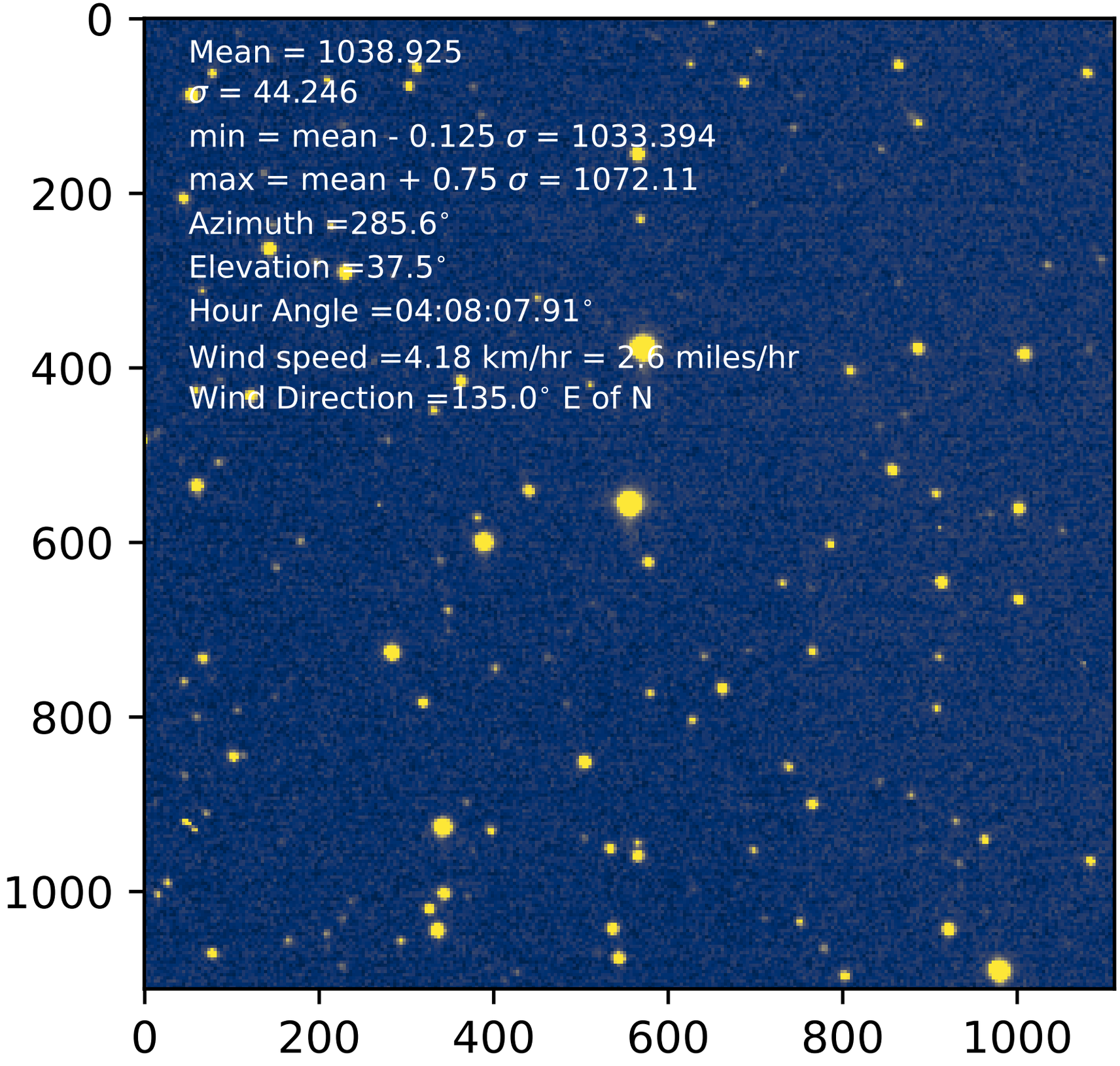

Mean = 1038.349
σ = 44.266
min = mean - 0.125 σ = 1032.815
max = mean + 0.75 σ = 1071.548
Azimuth =285.28°
Elevation =38.26°
Hour Angle =04:04:26.30°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

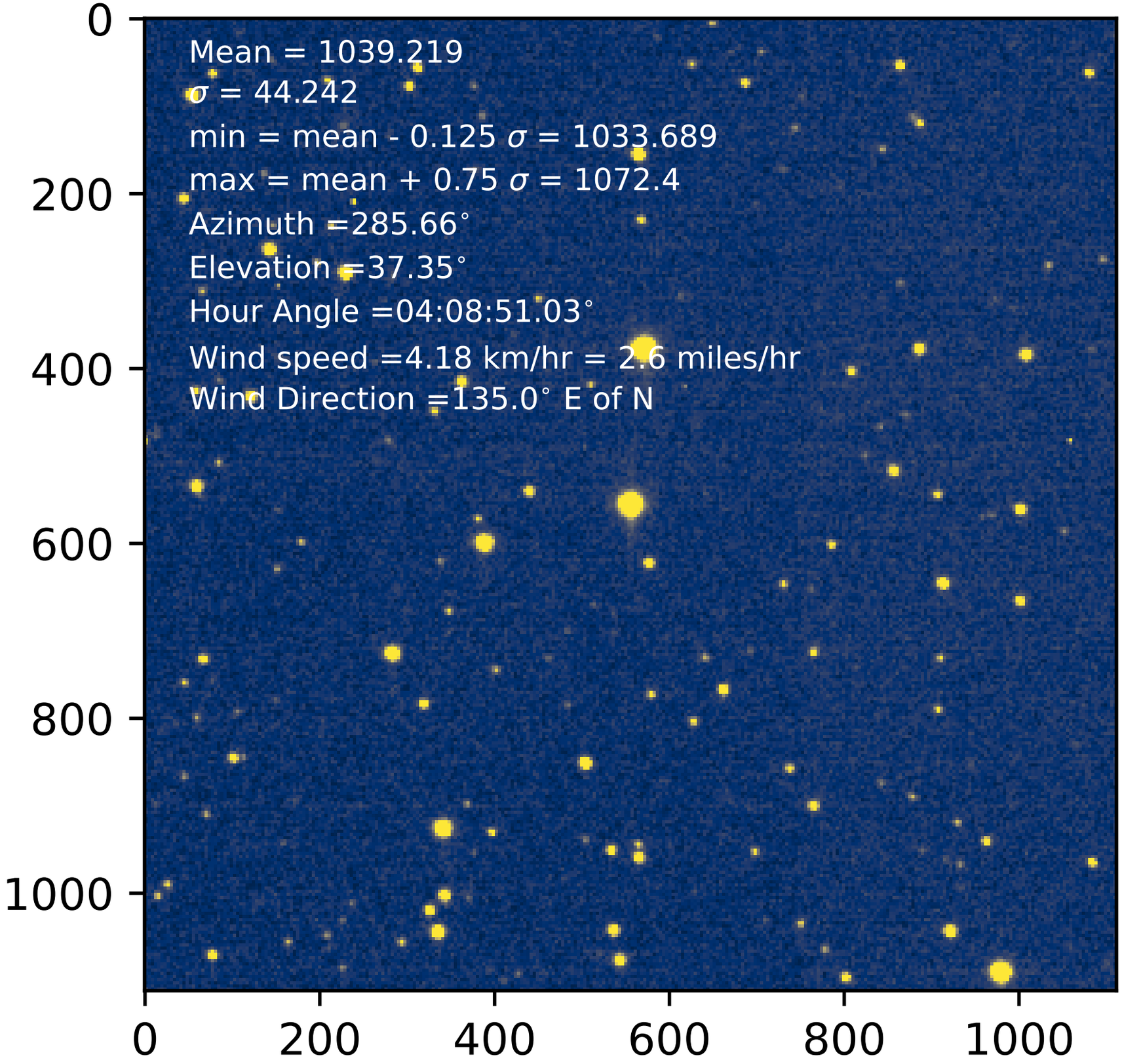

Mean = 1038.654
σ = 44.852
min = mean - 0.125 σ = 1033.048
max = mean + 0.75 σ = 1072.293
Azimuth =285.35°
Elevation =38.09°
Hour Angle =04:05:13.43°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

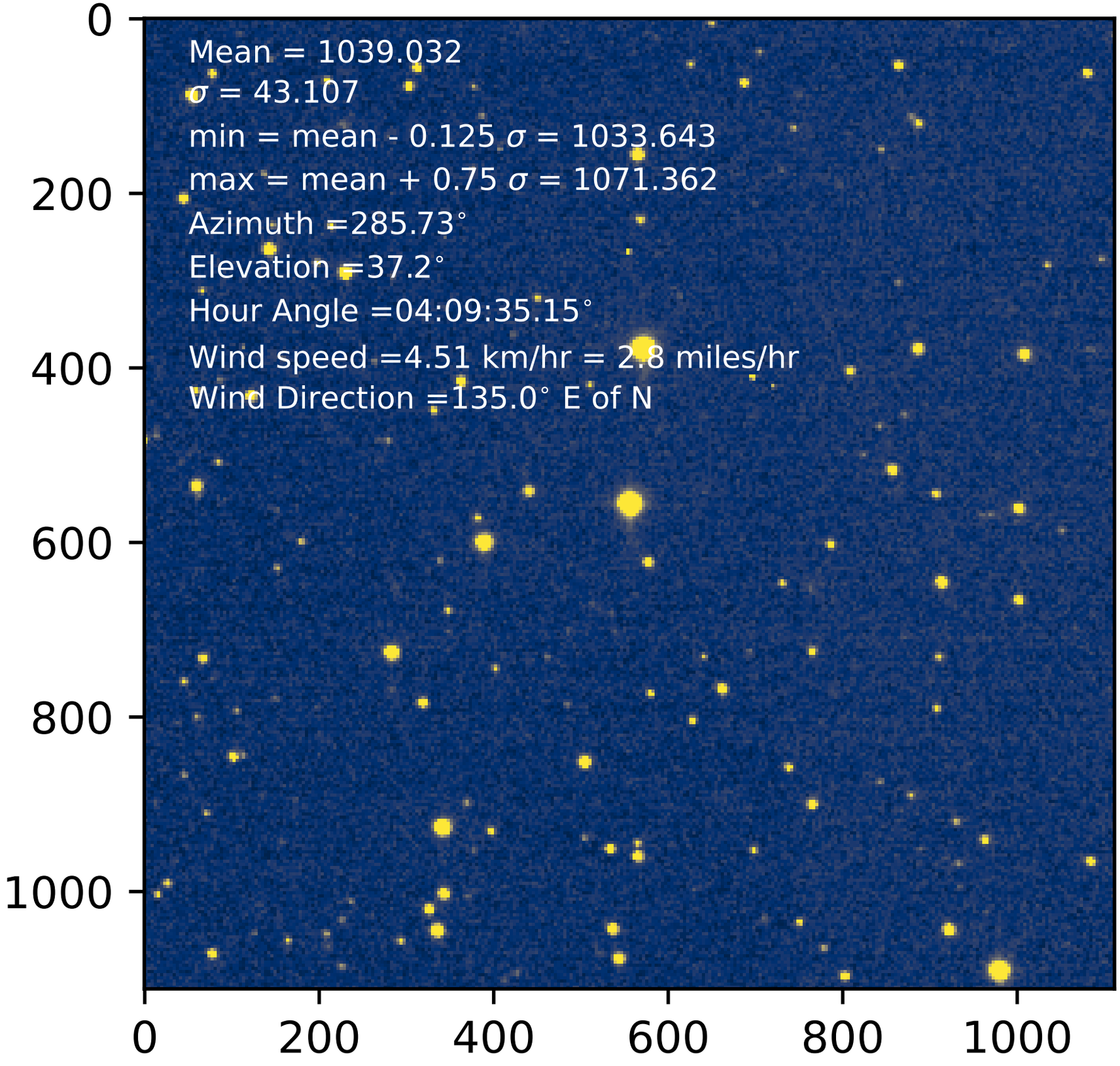

Mean = 1038.699
σ = 45.037
min = mean - 0.125 σ = 1033.069
max = mean + 0.75 σ = 1072.477
Azimuth =285.41°
Elevation =37.95°
Hour Angle =04:05:56.55°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

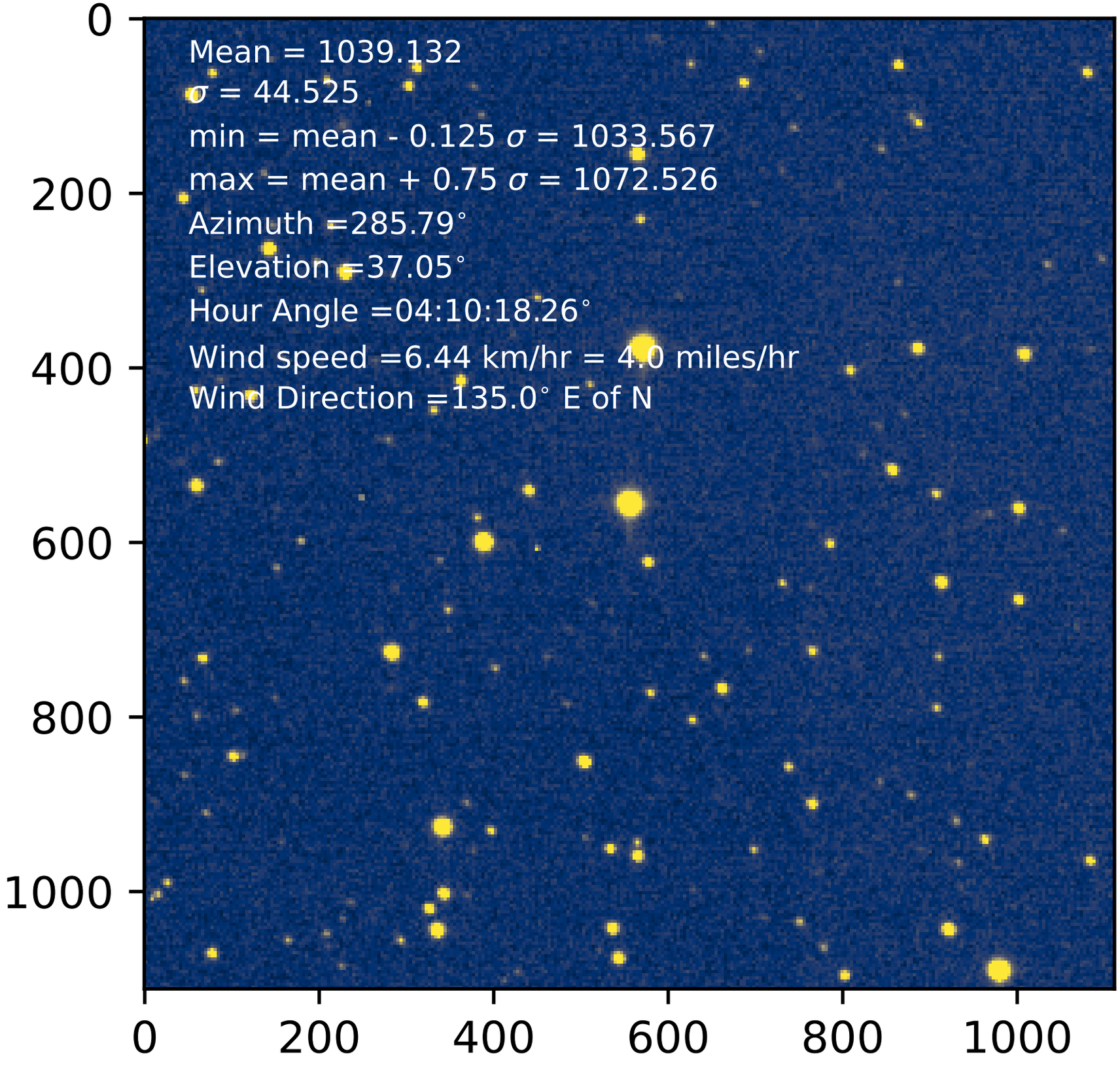

Mean = 1038.592
σ = 44.292
min = mean - 0.125 σ = 1033.055
max = mean + 0.75 σ = 1071.811
Azimuth =285.47°
Elevation =37.8°
Hour Angle =04:06:40.67°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

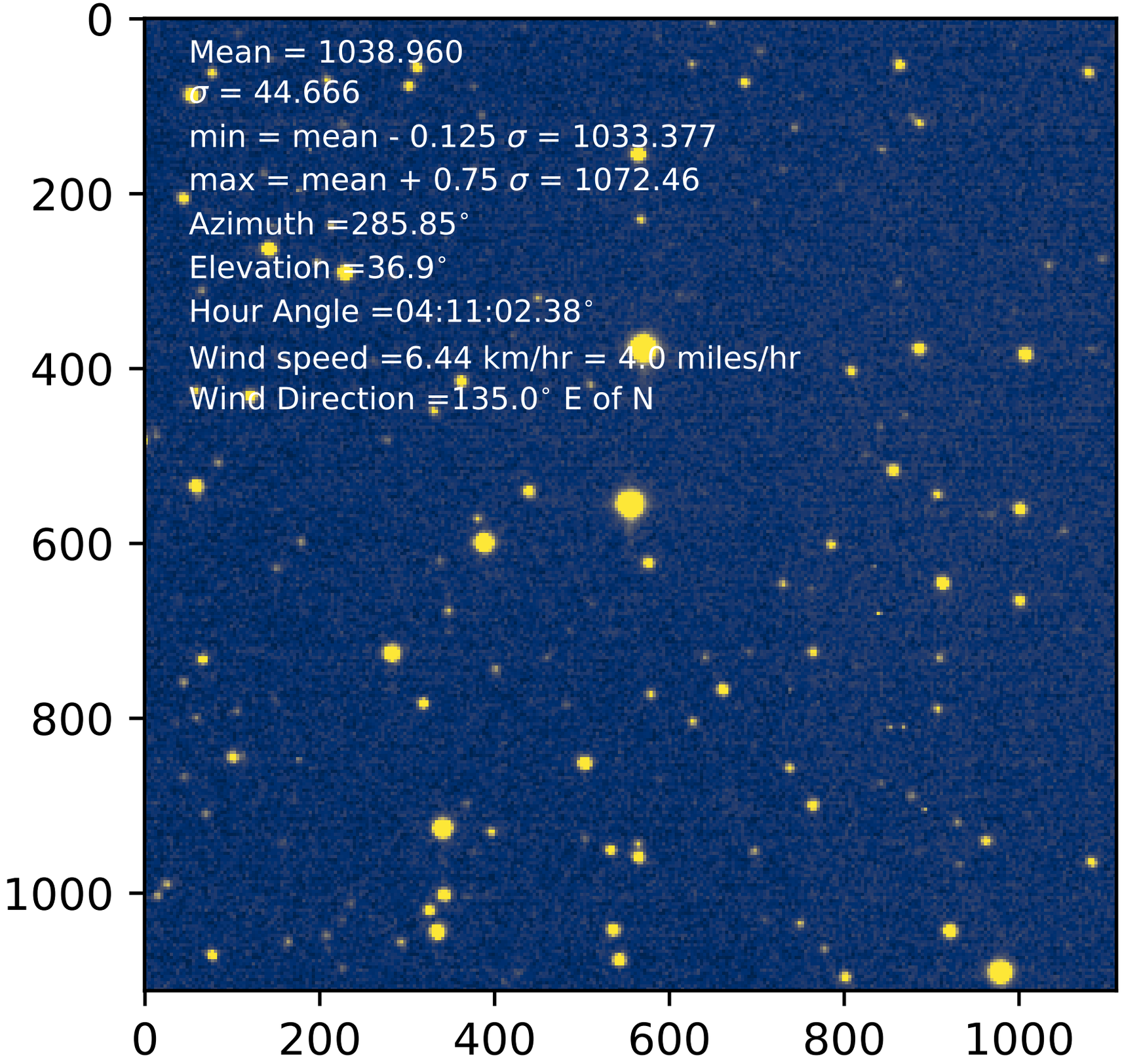

Mean = 1038.652
σ = 44.498
min = mean - 0.125 σ = 1033.09
max = mean + 0.75 σ = 1072.026
Azimuth =285.53°
Elevation =37.65°
Hour Angle =04:07:23.79°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

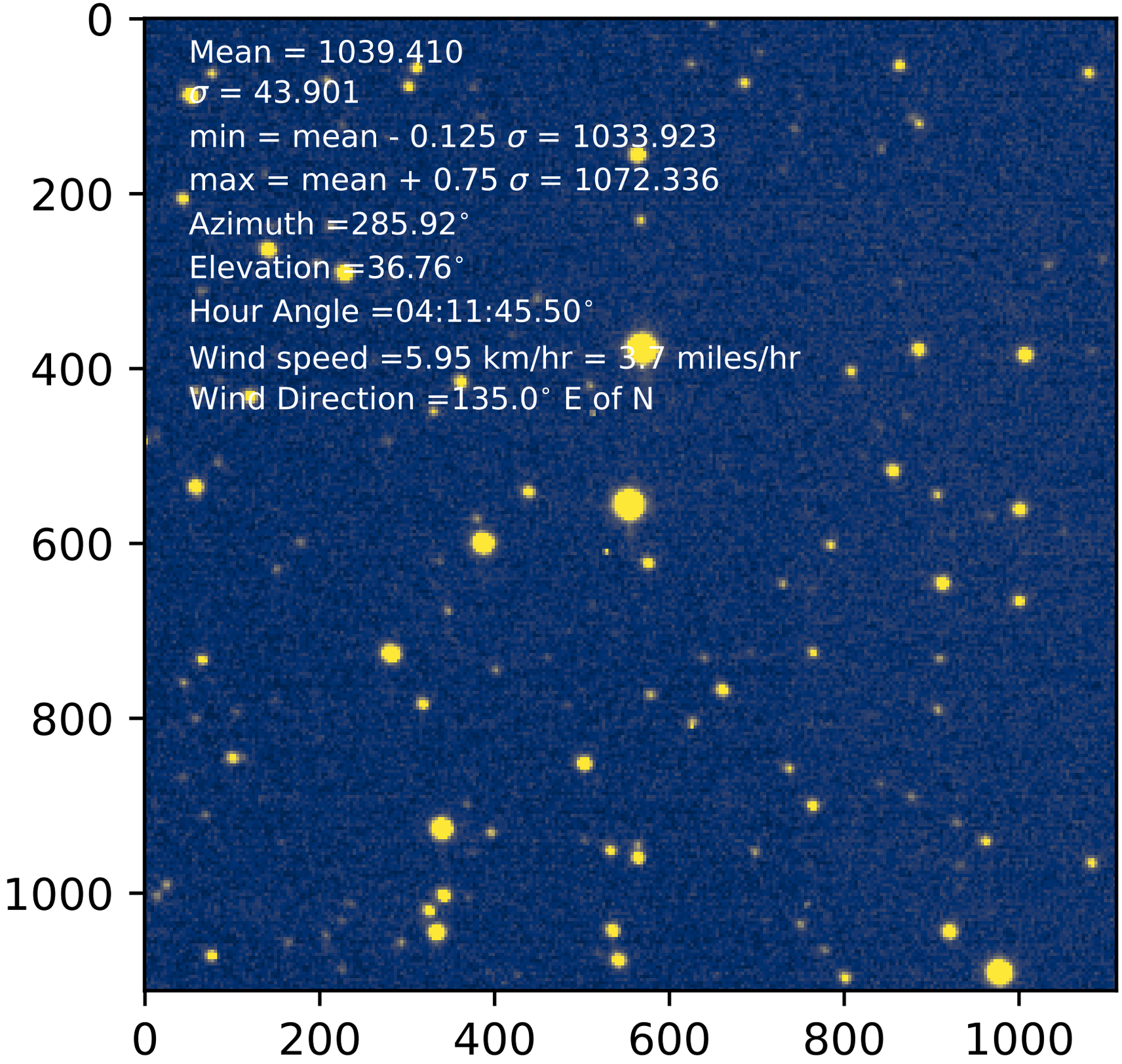

Mean = 1038.925
σ = 44.246
min = mean - 0.125 σ = 1033.394
max = mean + 0.75 σ = 1072.11
Azimuth =285.6°
Elevation =37.5°
Hour Angle =04:08:07.91°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

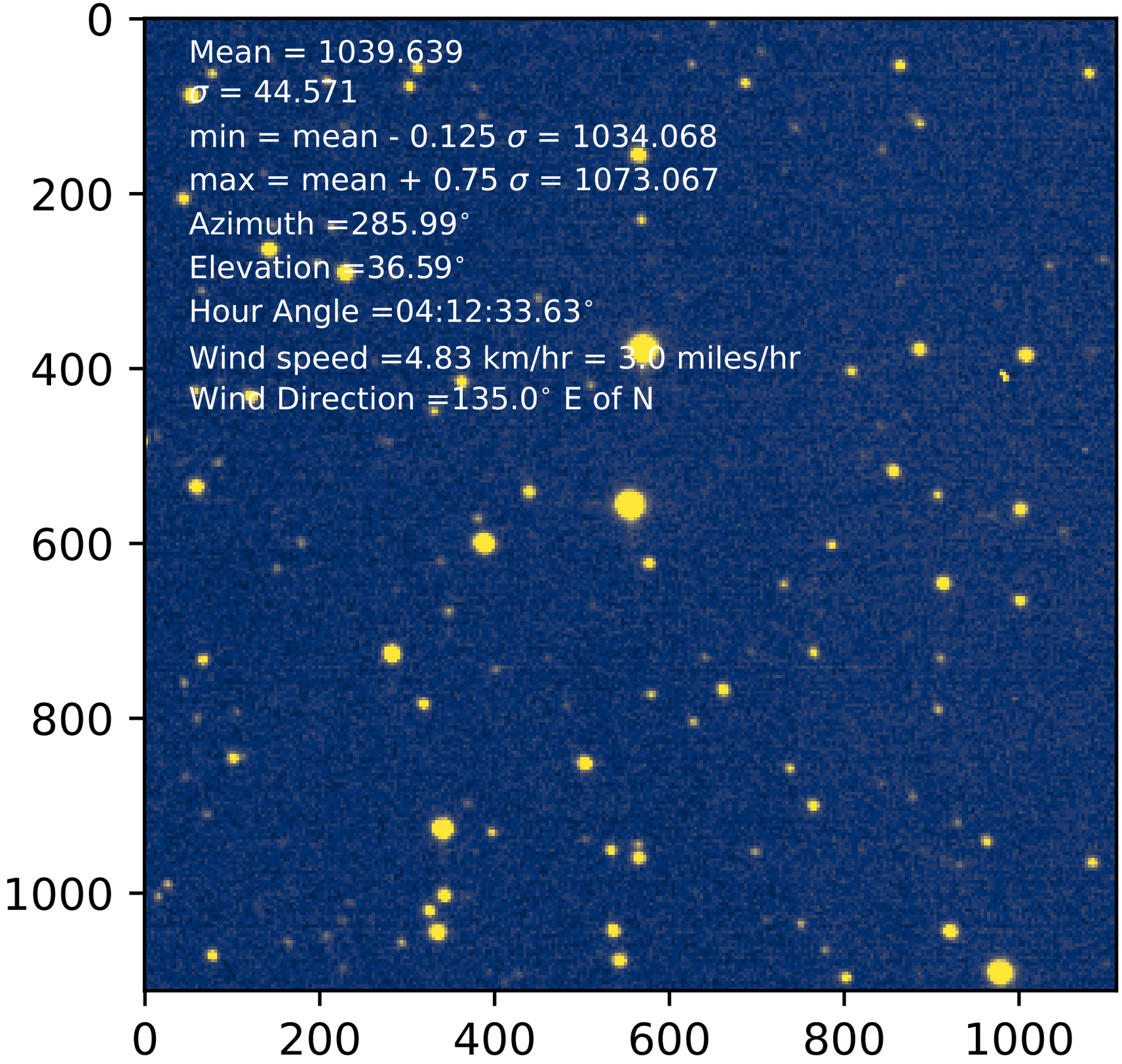

Mean = 1039.219
σ = 44.242
min = mean - 0.125 σ = 1033.689
max = mean + 0.75 σ = 1072.4
Azimuth =285.66°
Elevation =37.35°
Hour Angle =04:08:51.03°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

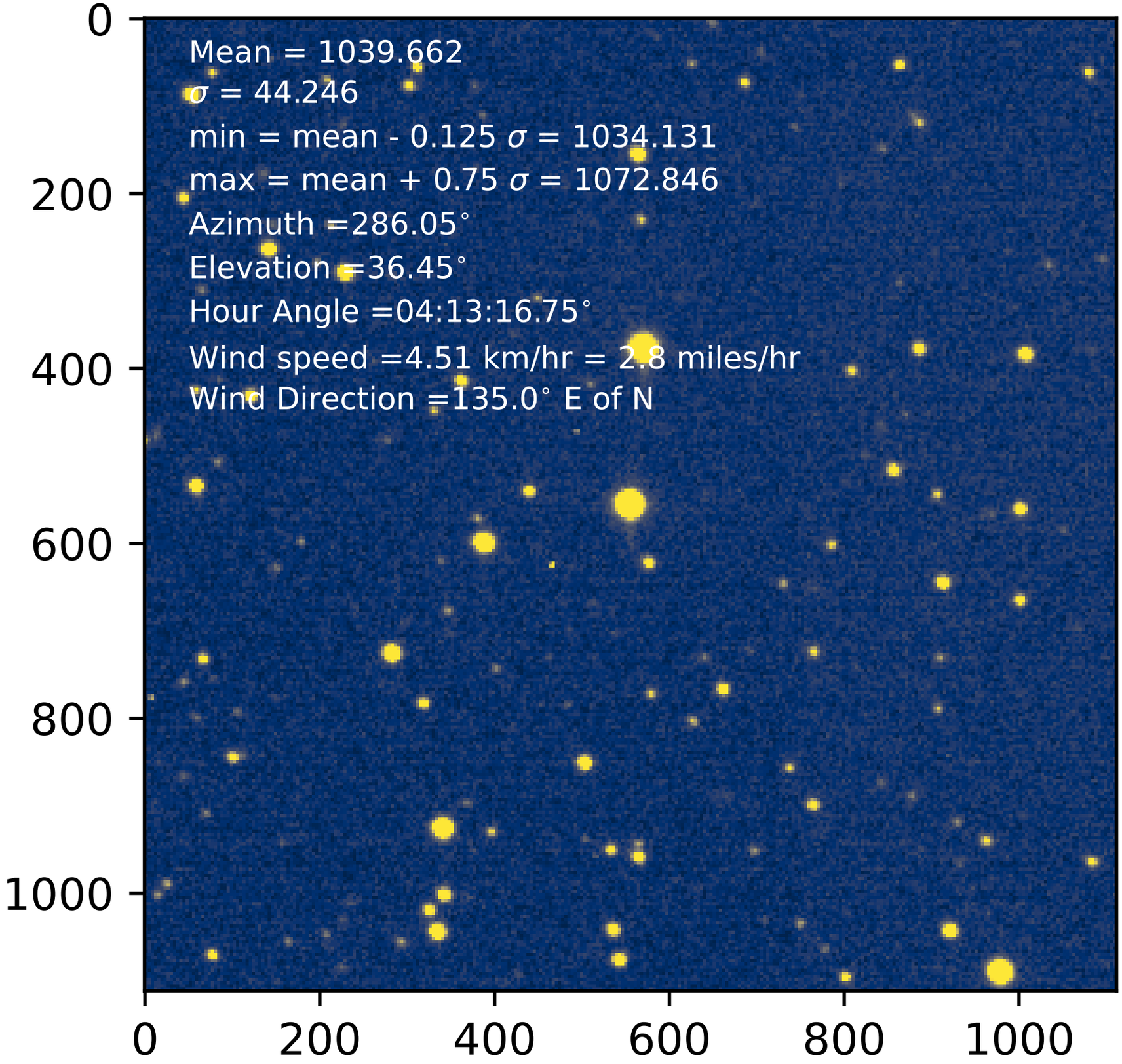

Mean = 1039.032
σ = 43.107
min = mean - 0.125 σ = 1033.643
max = mean + 0.75 σ = 1071.362
Azimuth =285.73°
Elevation =37.2°
Hour Angle =04:09:35.15°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1039.132
σ = 44.525
min = mean - 0.125 σ = 1033.567
max = mean + 0.75 σ = 1072.526
Azimuth =285.79°
Elevation =37.05°
Hour Angle =04:10:18.26°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1038.960
σ = 44.666
min = mean - 0.125 σ = 1033.377
max = mean + 0.75 σ = 1072.46
Azimuth =285.85°
Elevation =36.9°
Hour Angle =04:11:02.38°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1039.410
σ = 43.901
min = mean - 0.125 σ = 1033.923
max = mean + 0.75 σ = 1072.336
Azimuth =285.92°
Elevation =36.76°
Hour Angle =04:11:45.50°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1039.639
σ = 44.571
min = mean - 0.125 σ = 1034.068
max = mean + 0.75 σ = 1073.067
Azimuth =285.99°
Elevation =36.59°
Hour Angle =04:12:33.63°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1039.662
σ = 44.246
min = mean - 0.125 σ = 1034.131
max = mean + 0.75 σ = 1072.846
Azimuth =286.05°
Elevation =36.45°
Hour Angle =04:13:16.75°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
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400
600
800
1000
0
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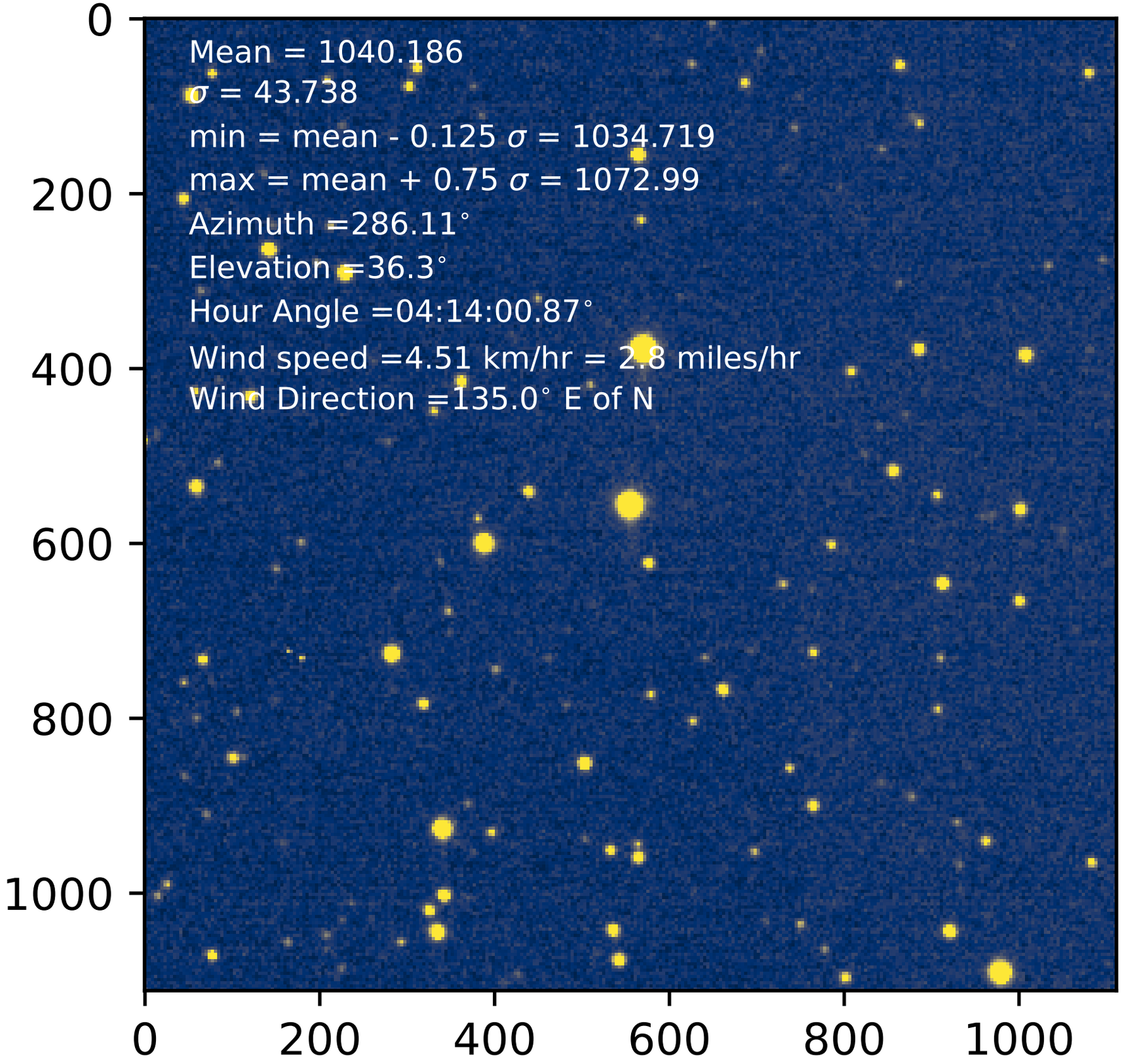
400
600
800
1000


Mean = 1040.186
σ = 43.738
min = mean - 0.125 σ = 1034.719
max = mean + 0.75 σ = 1072.99
Azimuth =286.11°
Elevation =36.3°
Hour Angle =04:14:00.87°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
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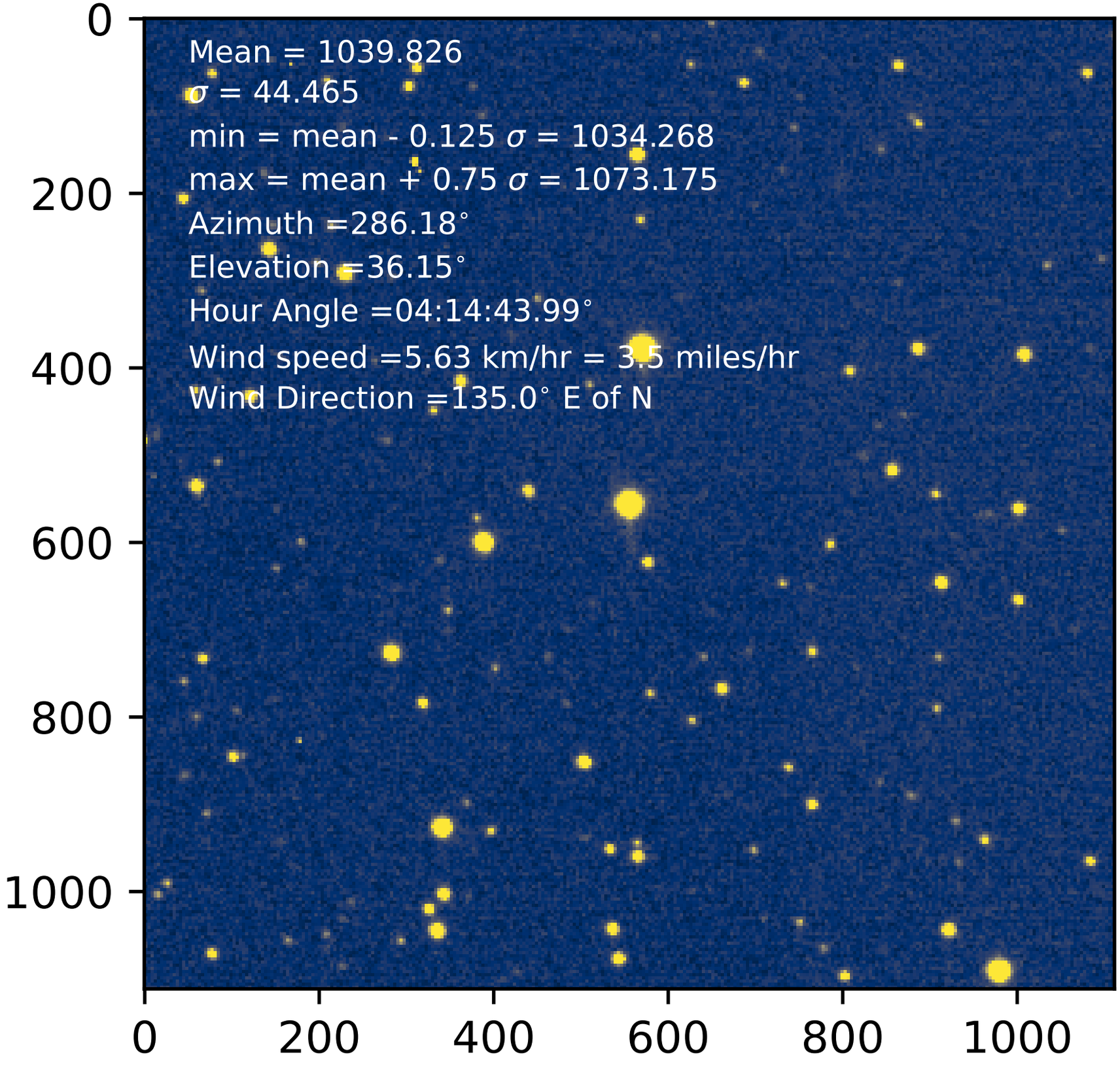
Mean = 1039.826
σ = 44.465
min = mean - 0.125 σ = 1034.268
max = mean + 0.75 σ = 1073.175
Azimuth =286.18°
Elevation =36.15°
Hour Angle =04:14:43.99°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
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800
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400
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800
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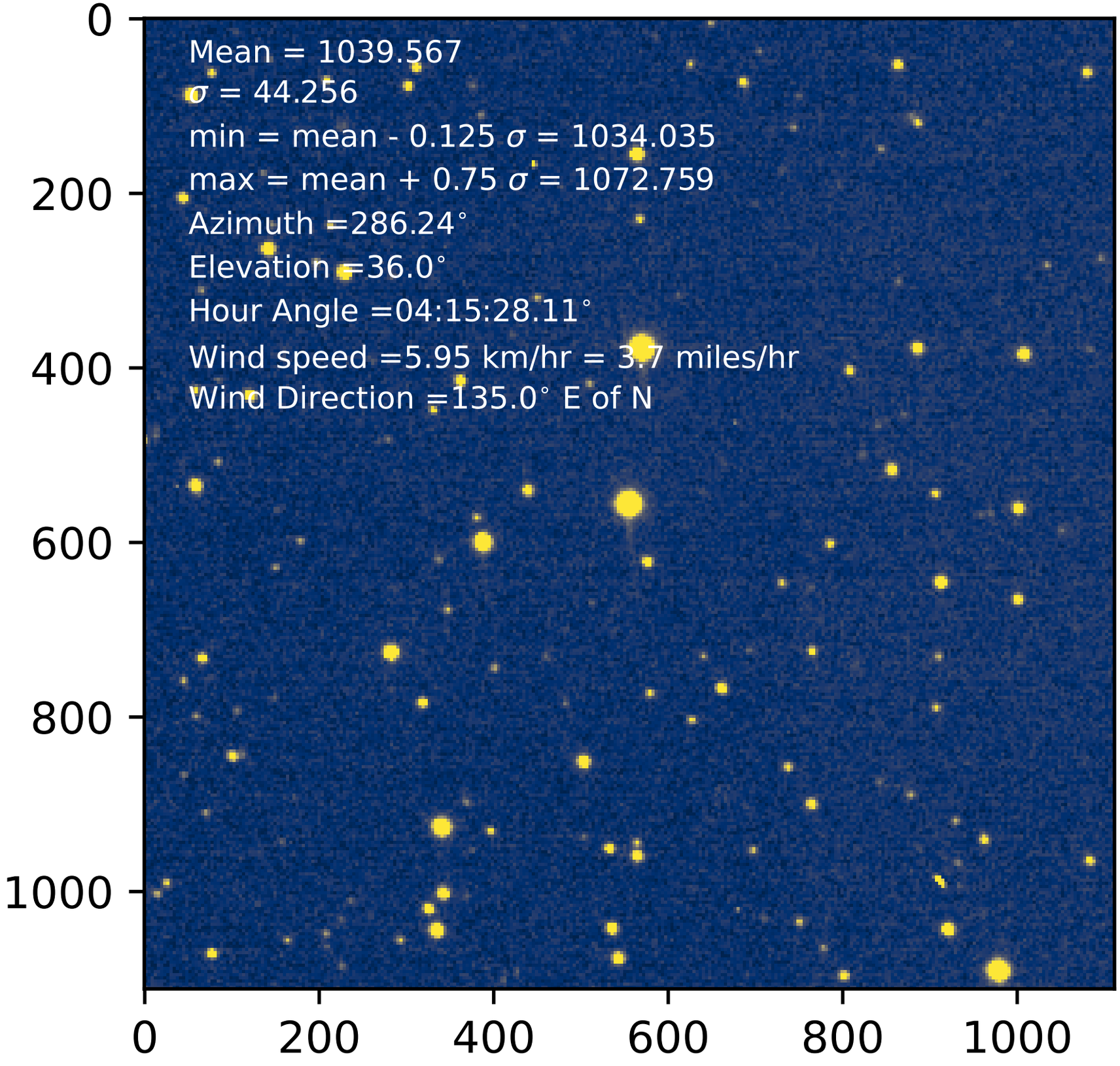
Mean = 1039.567
σ = 44.256
min = mean - 0.125 σ = 1034.035
max = mean + 0.75 σ = 1072.759
Azimuth =286.24°
Elevation =36.0°
Hour Angle =04:15:28.11°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
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400
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800
1000
0
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400
600
800
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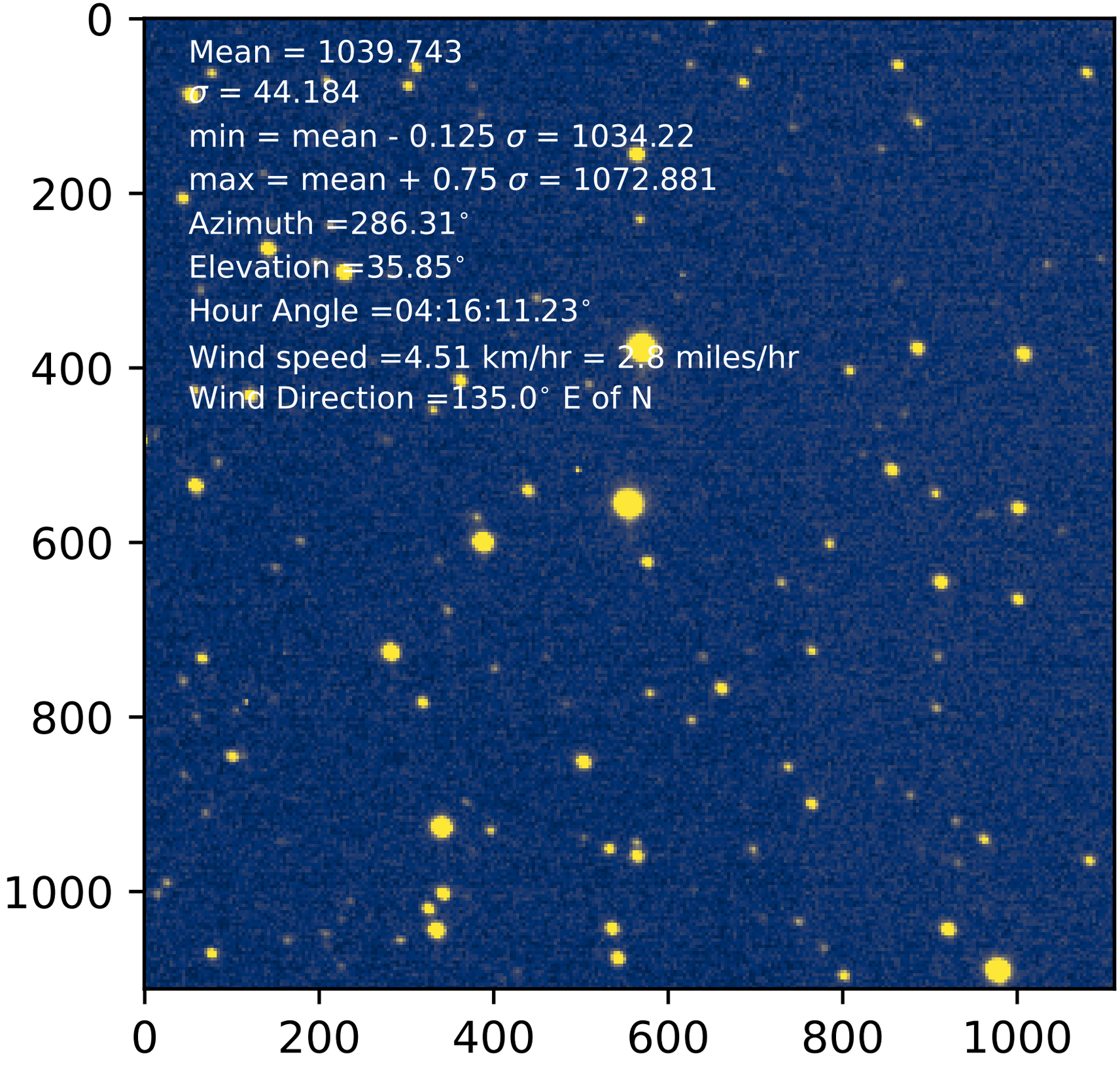
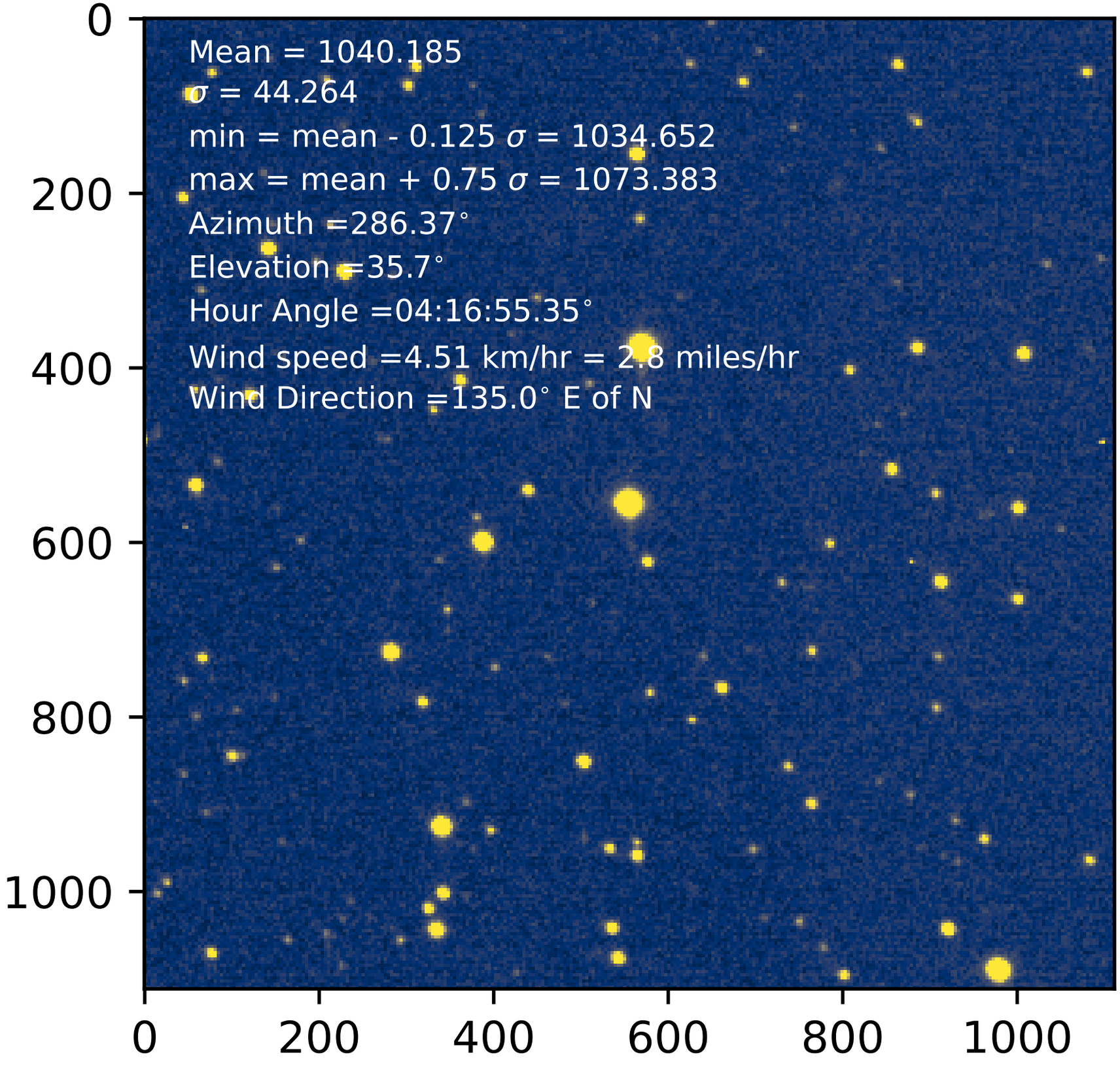

Mean = 1039.743
σ = 44.184
min = mean - 0.125 σ = 1034.22
max = mean + 0.75 σ = 1072.881
Azimuth =286.31°
Elevation =35.85°
Hour Angle =04:16:11.23°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1040.185
σ = 44.264
min = mean - 0.125 σ = 1034.652
max = mean + 0.75 σ = 1073.383
Azimuth =286.37°
Elevation =35.7°
Hour Angle =04:16:55.35°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
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400
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800
1000
0
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400
600
800
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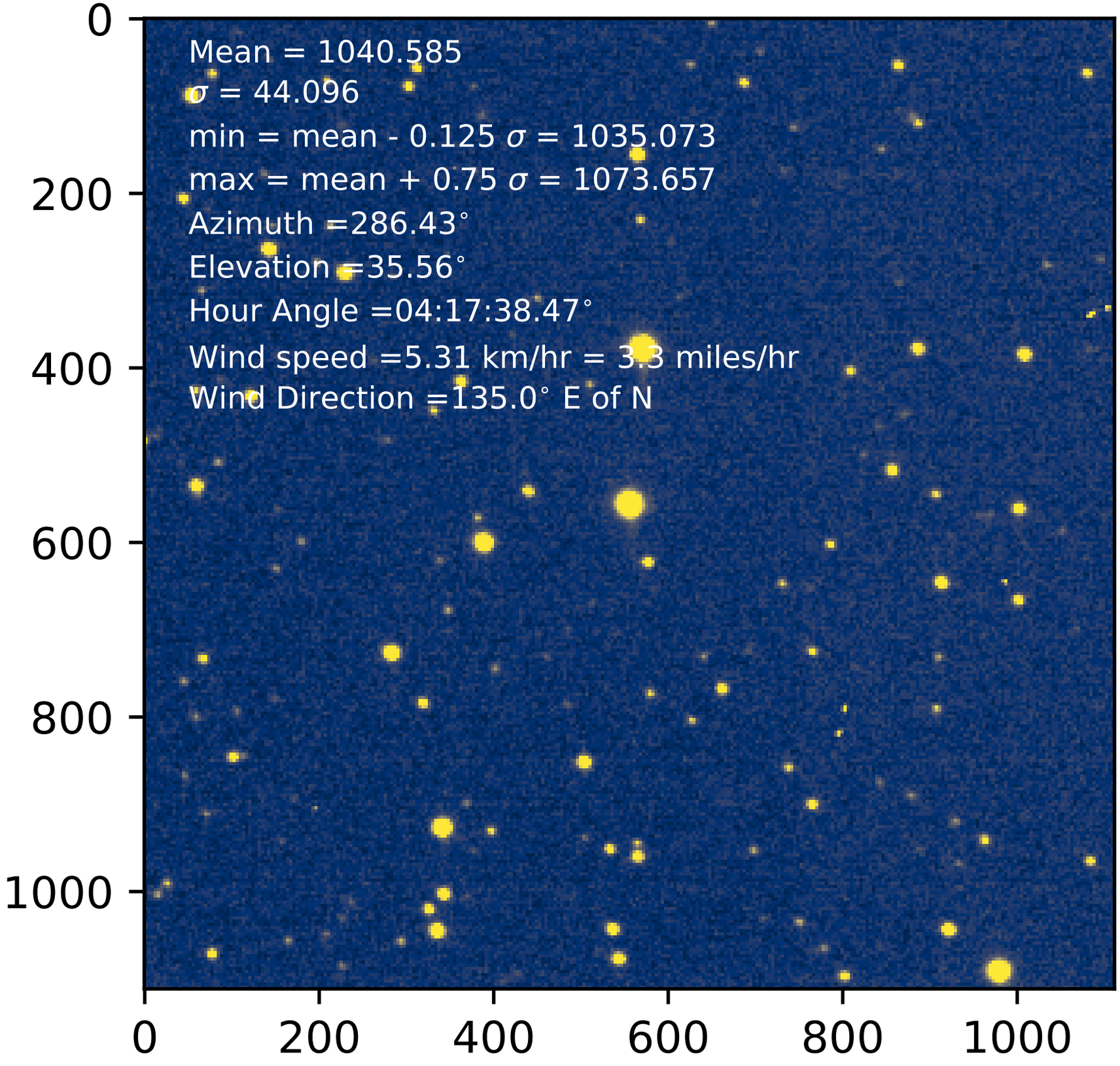
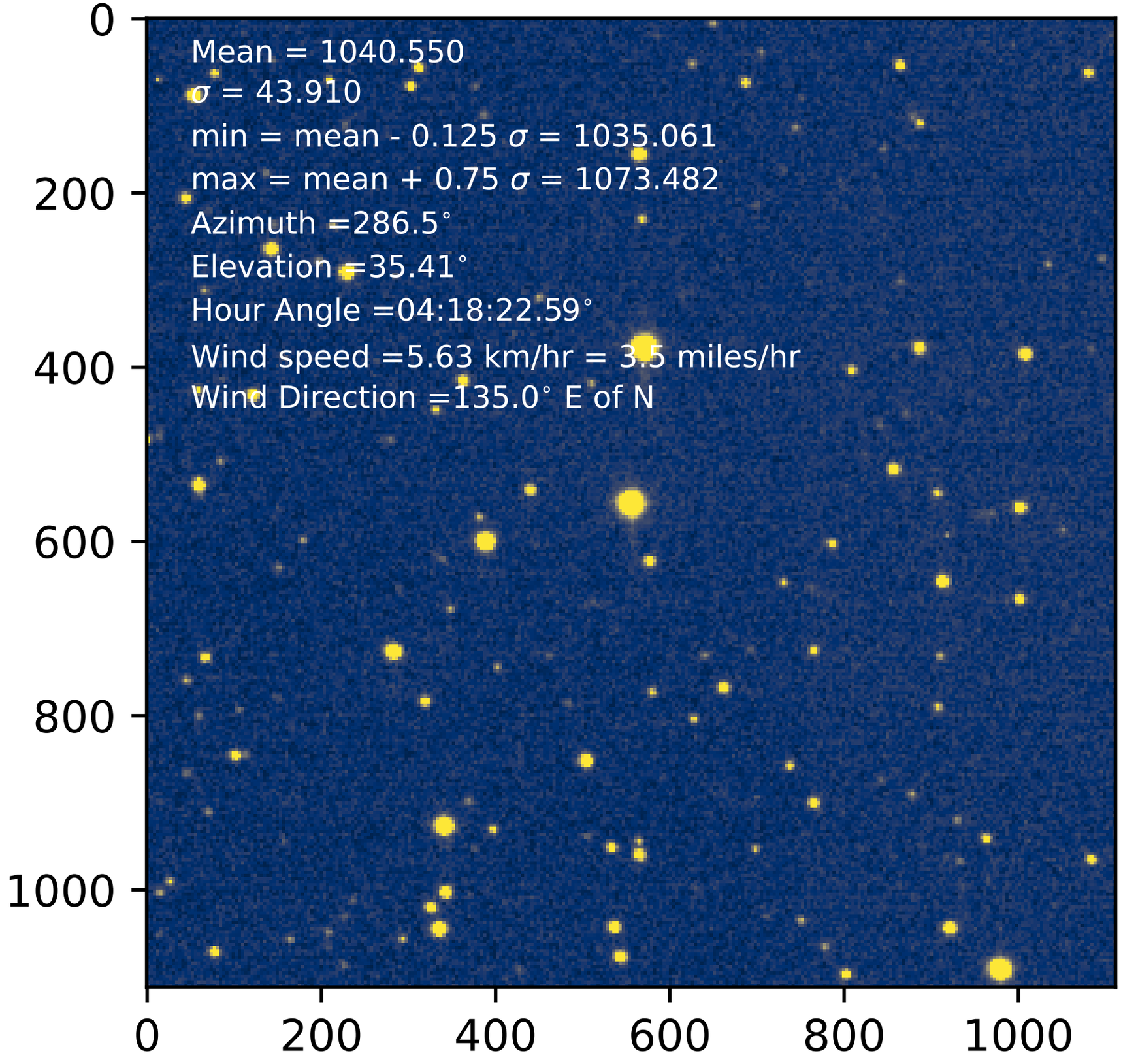
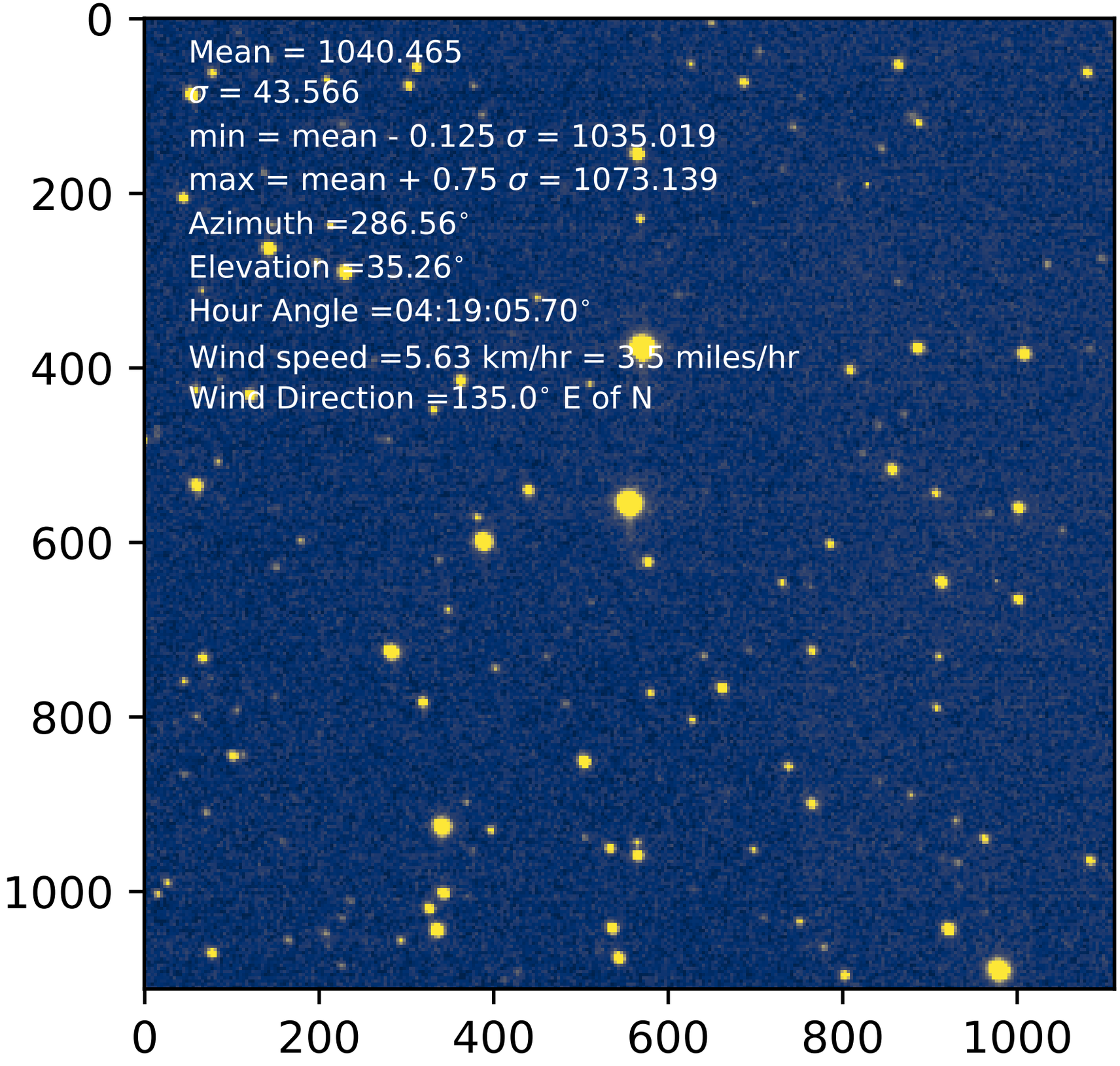
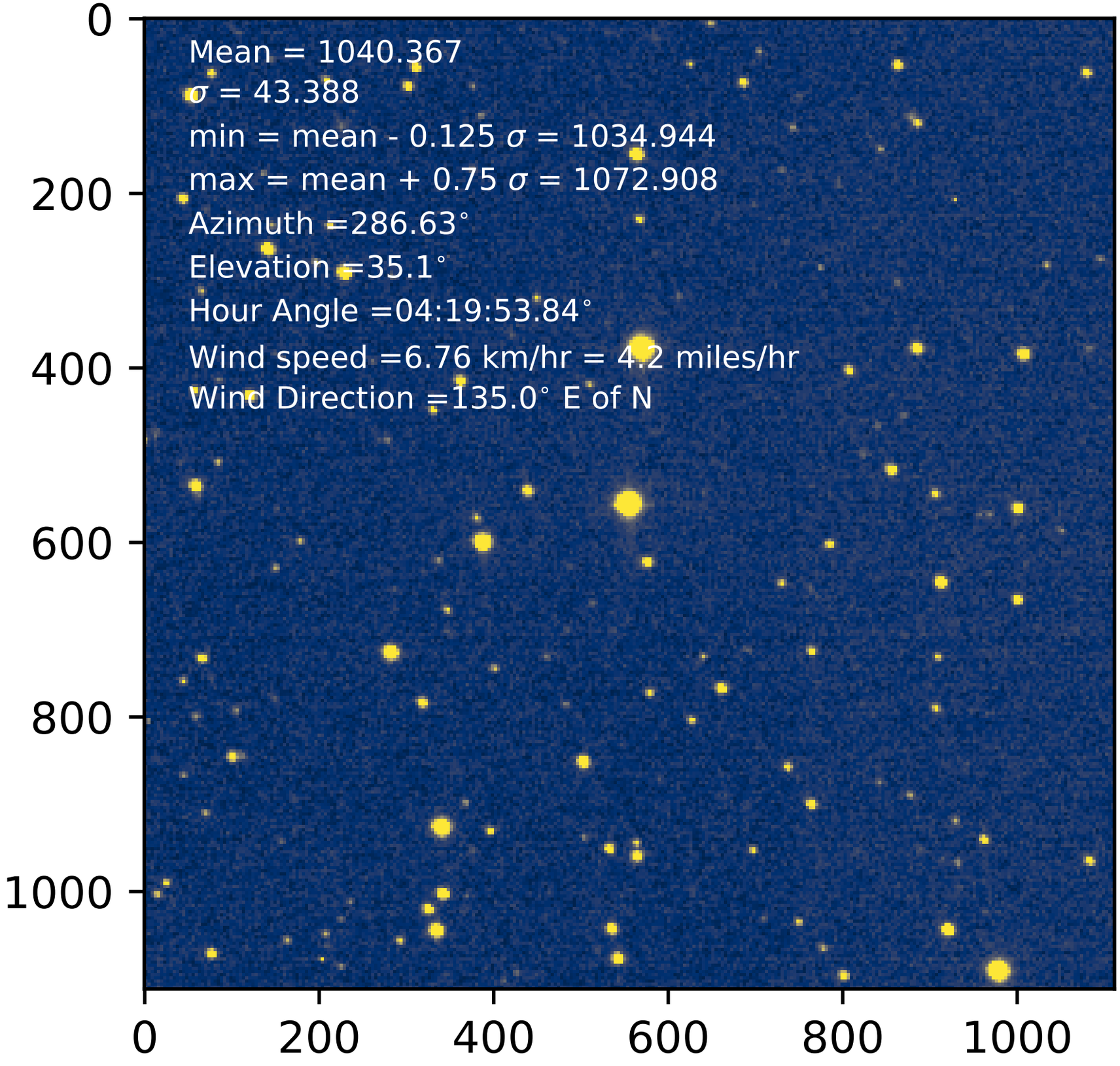
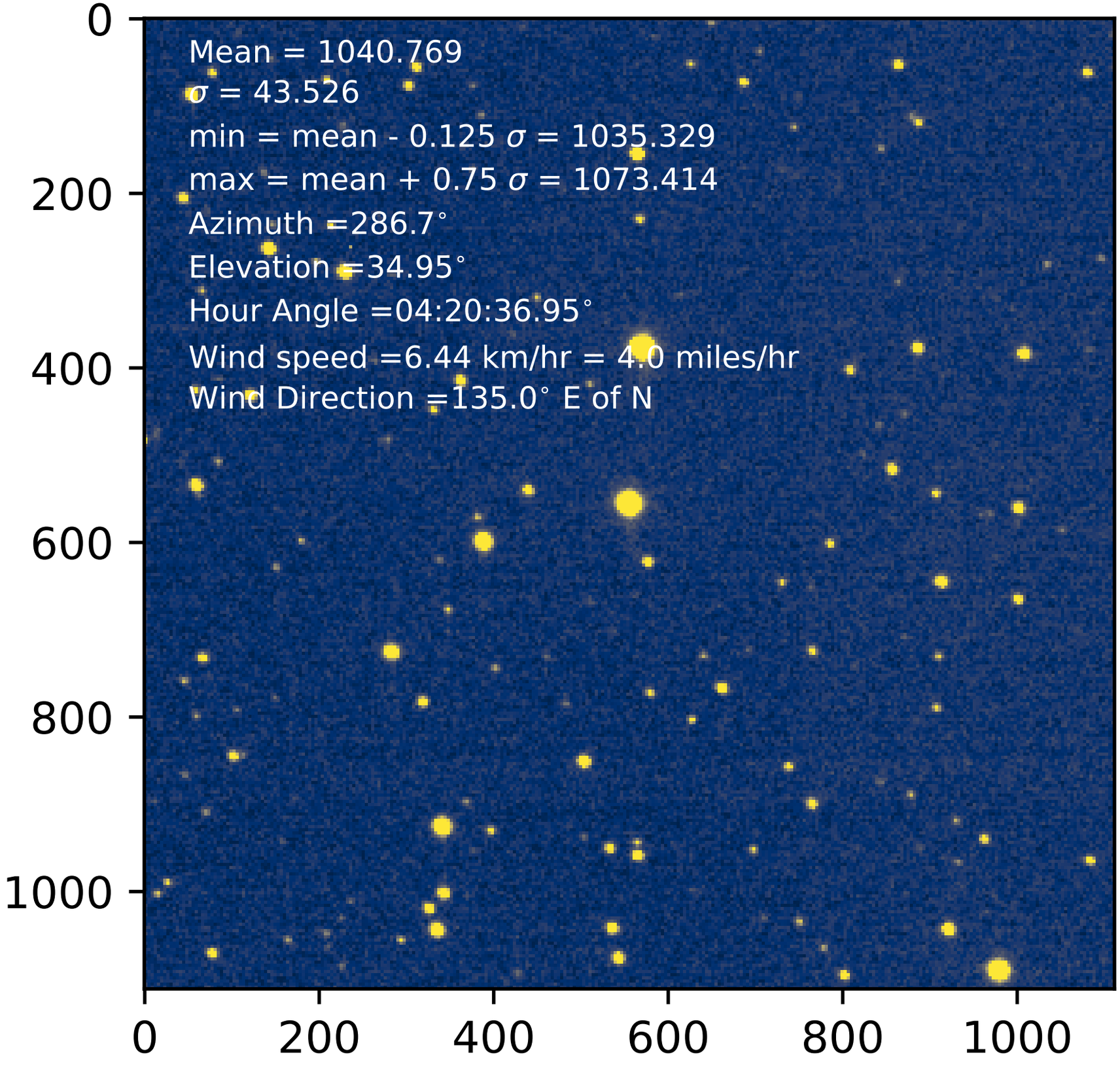
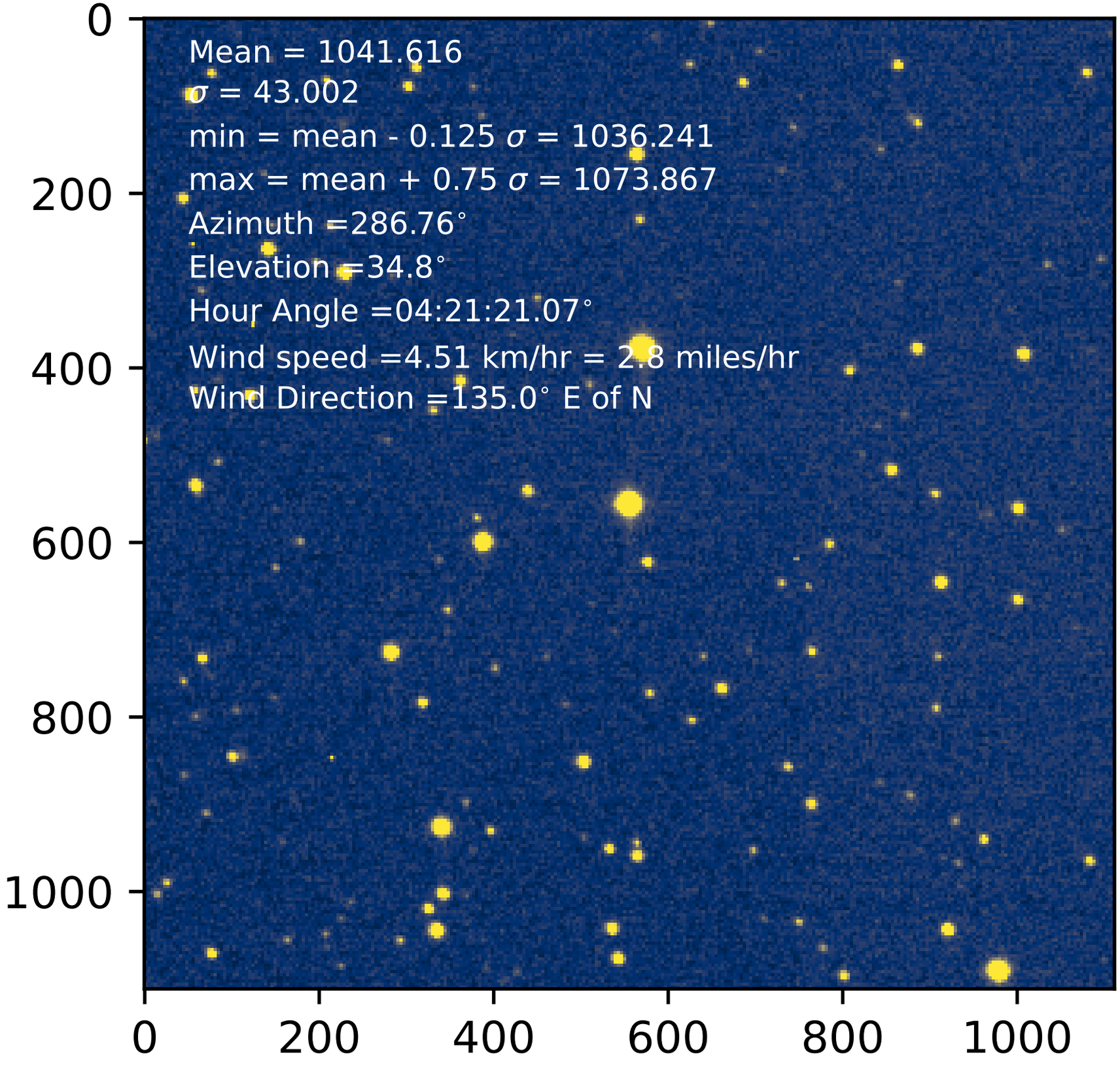

Mean = 1040.585
σ = 44.096
min = mean - 0.125 σ = 1035.073
max = mean + 0.75 σ = 1073.657
Azimuth =286.43°
Elevation =35.56°
Hour Angle =04:17:38.47°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

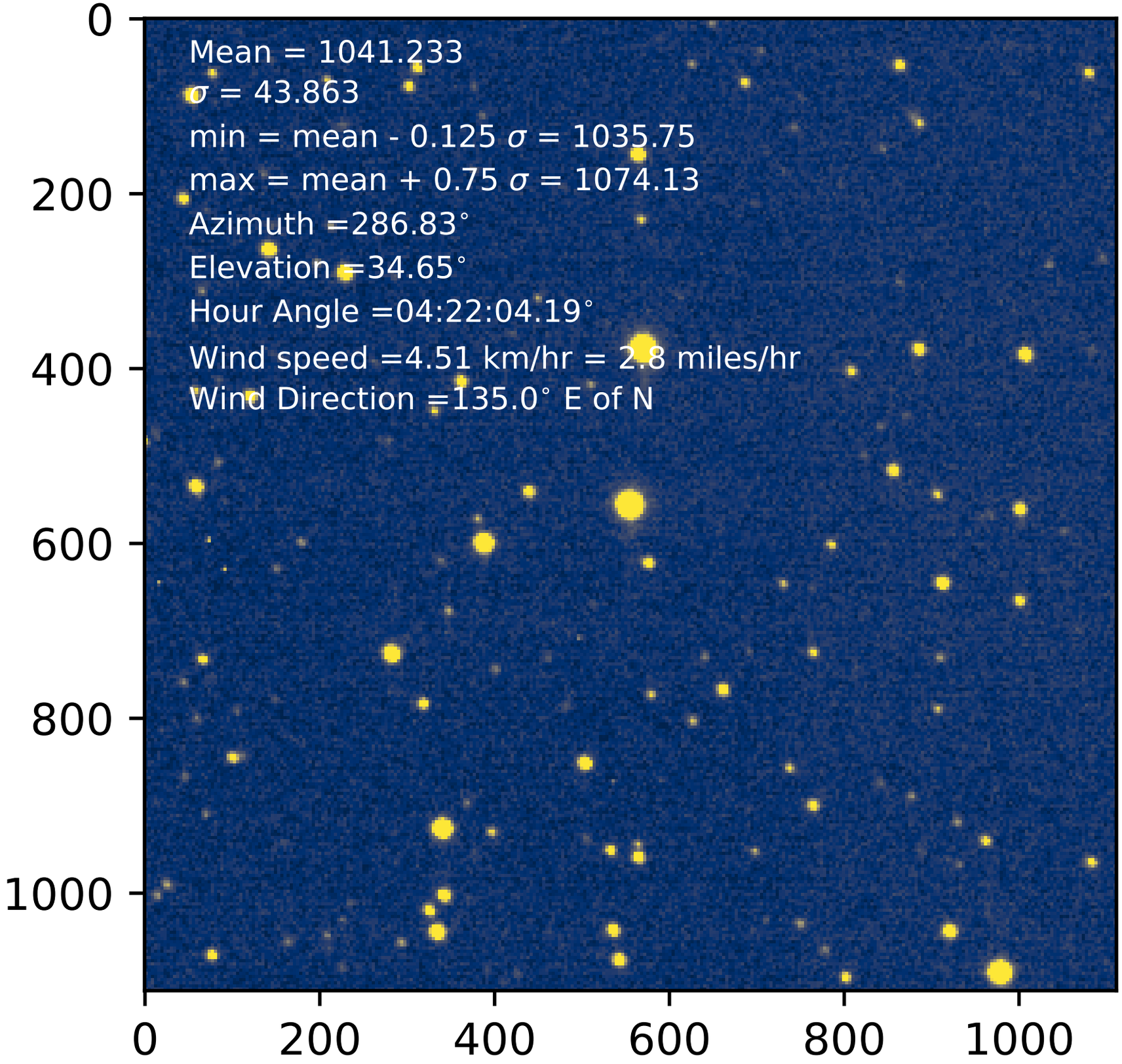

Mean = 1040.550
σ = 43.910
min = mean - 0.125 σ = 1035.061
max = mean + 0.75 σ = 1073.482
Azimuth =286.5°
Elevation =35.41°
Hour Angle =04:18:22.59°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

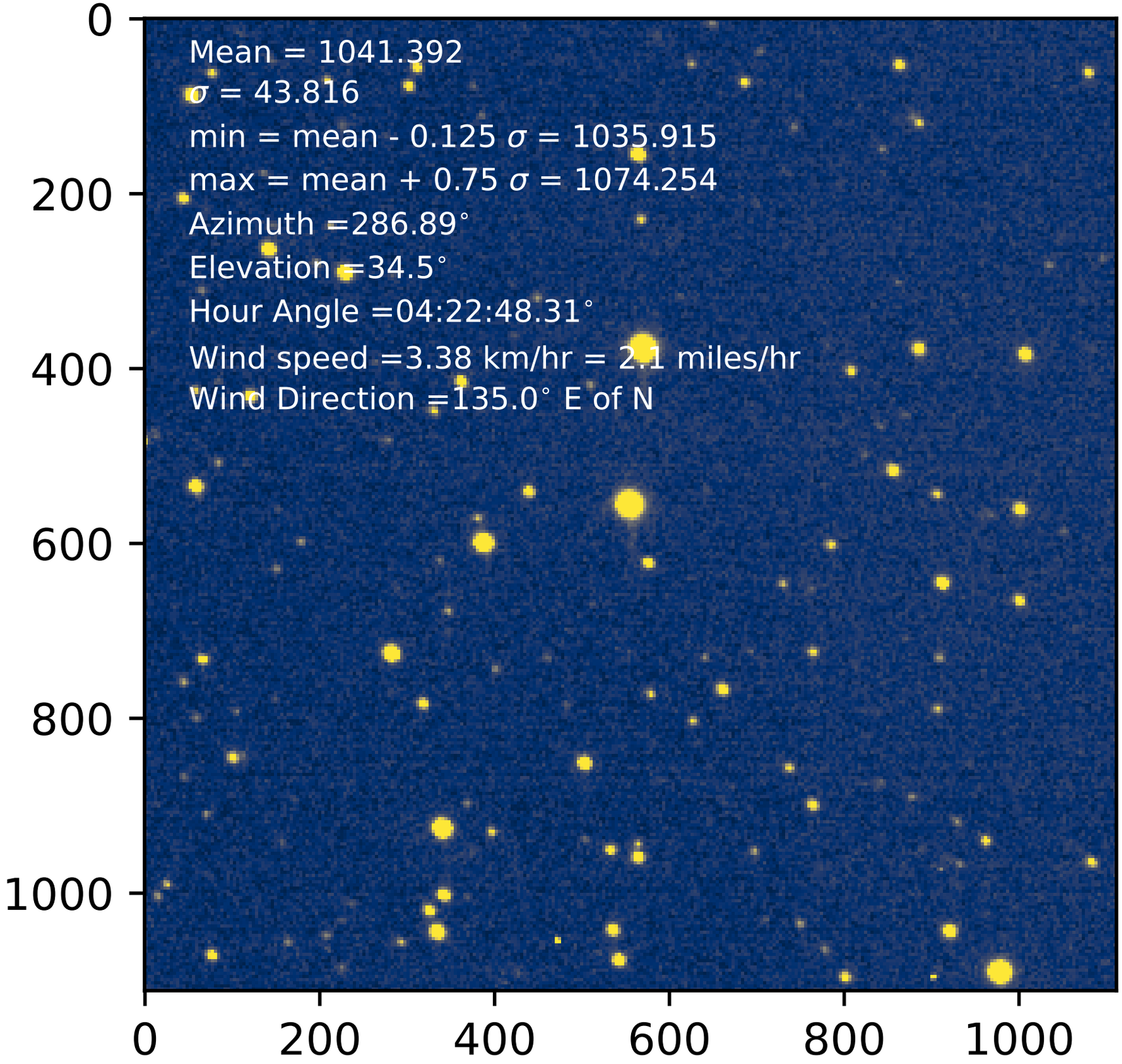

Mean = 1040.465
σ = 43.566
min = mean - 0.125 σ = 1035.019
max = mean + 0.75 σ = 1073.139
Azimuth =286.56°
Elevation =35.26°
Hour Angle =04:19:05.70°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

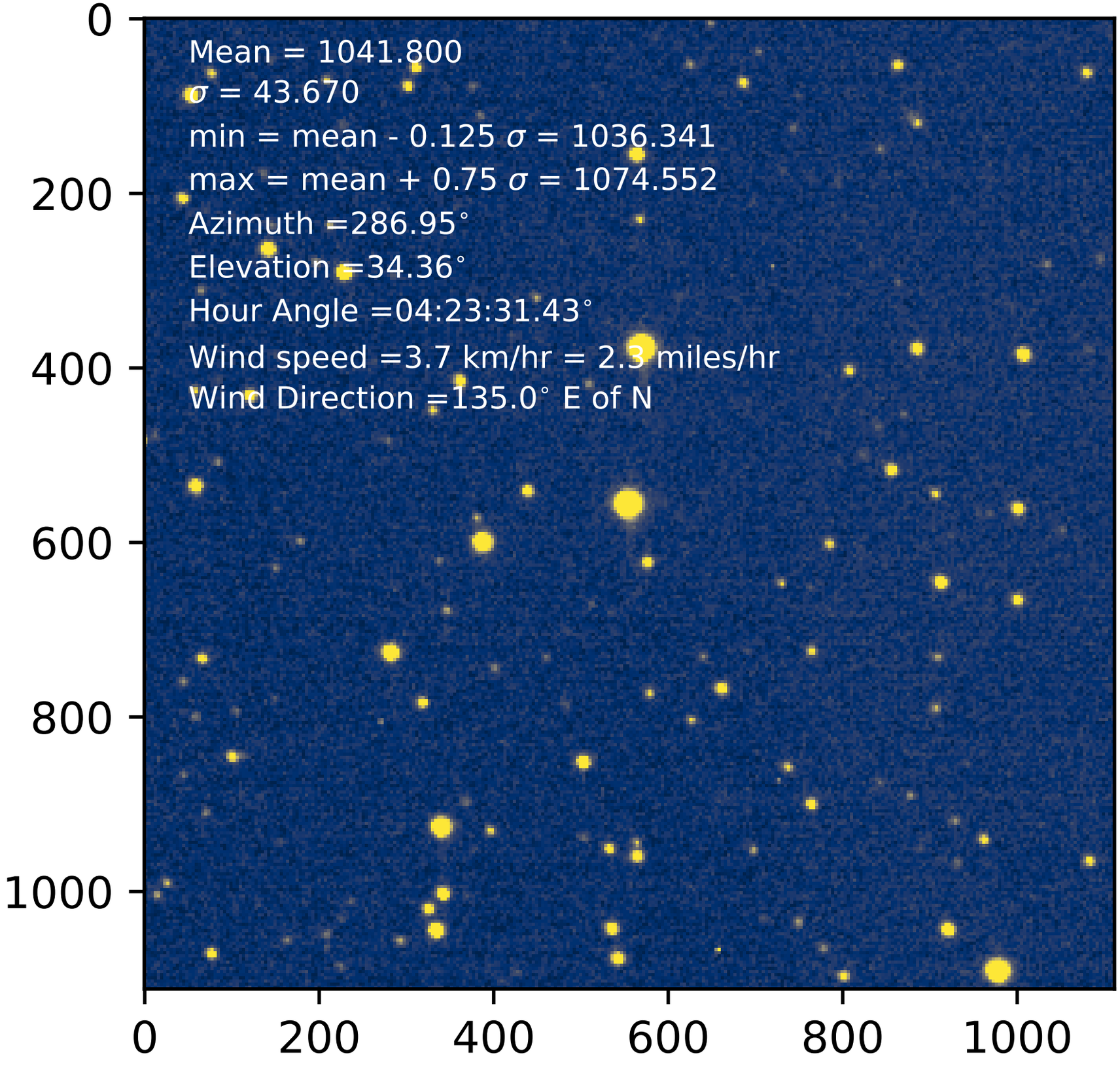

Mean = 1040.367
σ = 43.388
min = mean - 0.125 σ = 1034.944
max = mean + 0.75 σ = 1072.908
Azimuth =286.63°
Elevation =35.1°
Hour Angle =04:19:53.84°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

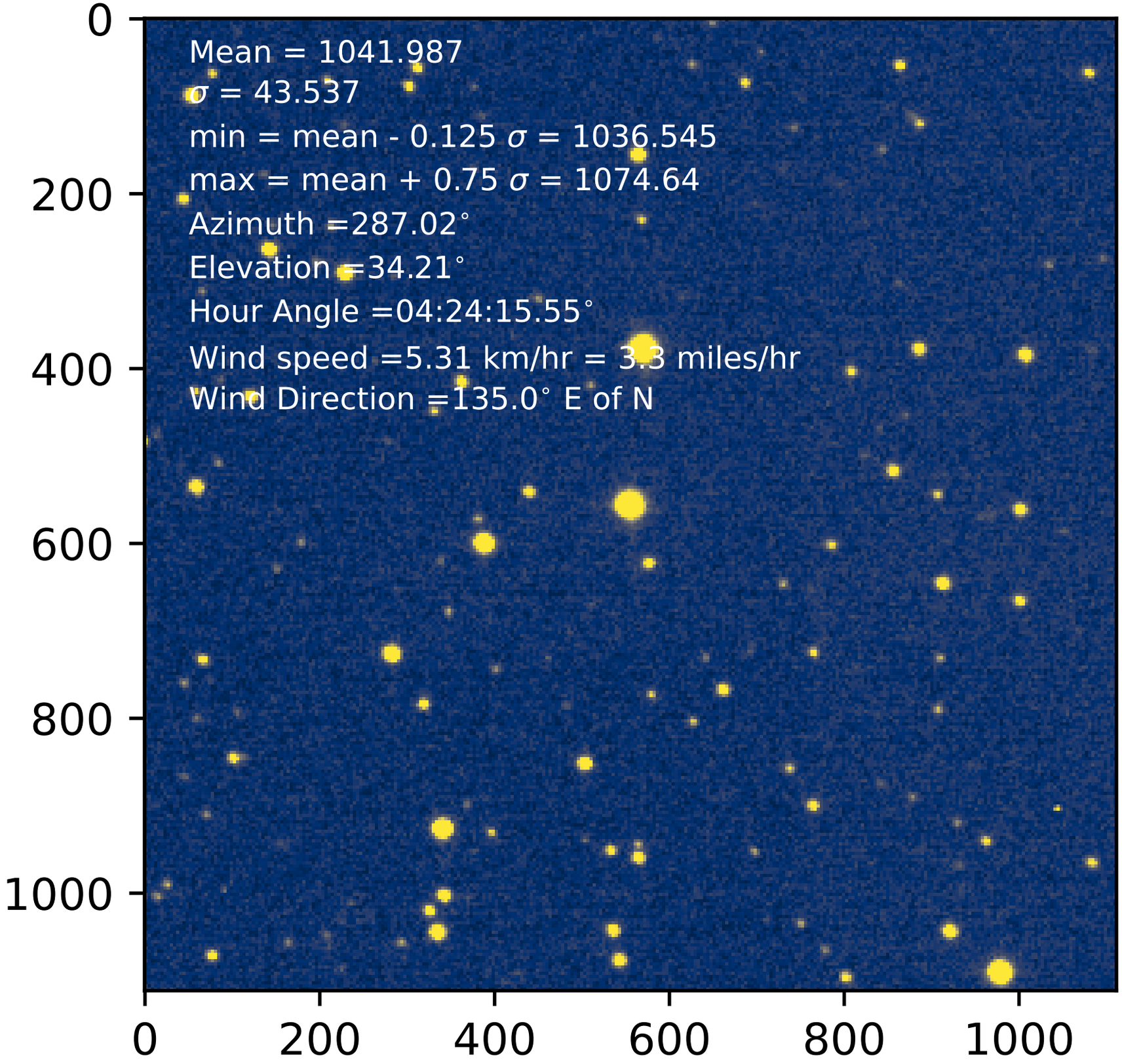

Mean = 1040.769
σ = 43.526
min = mean - 0.125 σ = 1035.329
max = mean + 0.75 σ = 1073.414
Azimuth =286.7°
Elevation =34.95°
Hour Angle =04:20:36.95°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

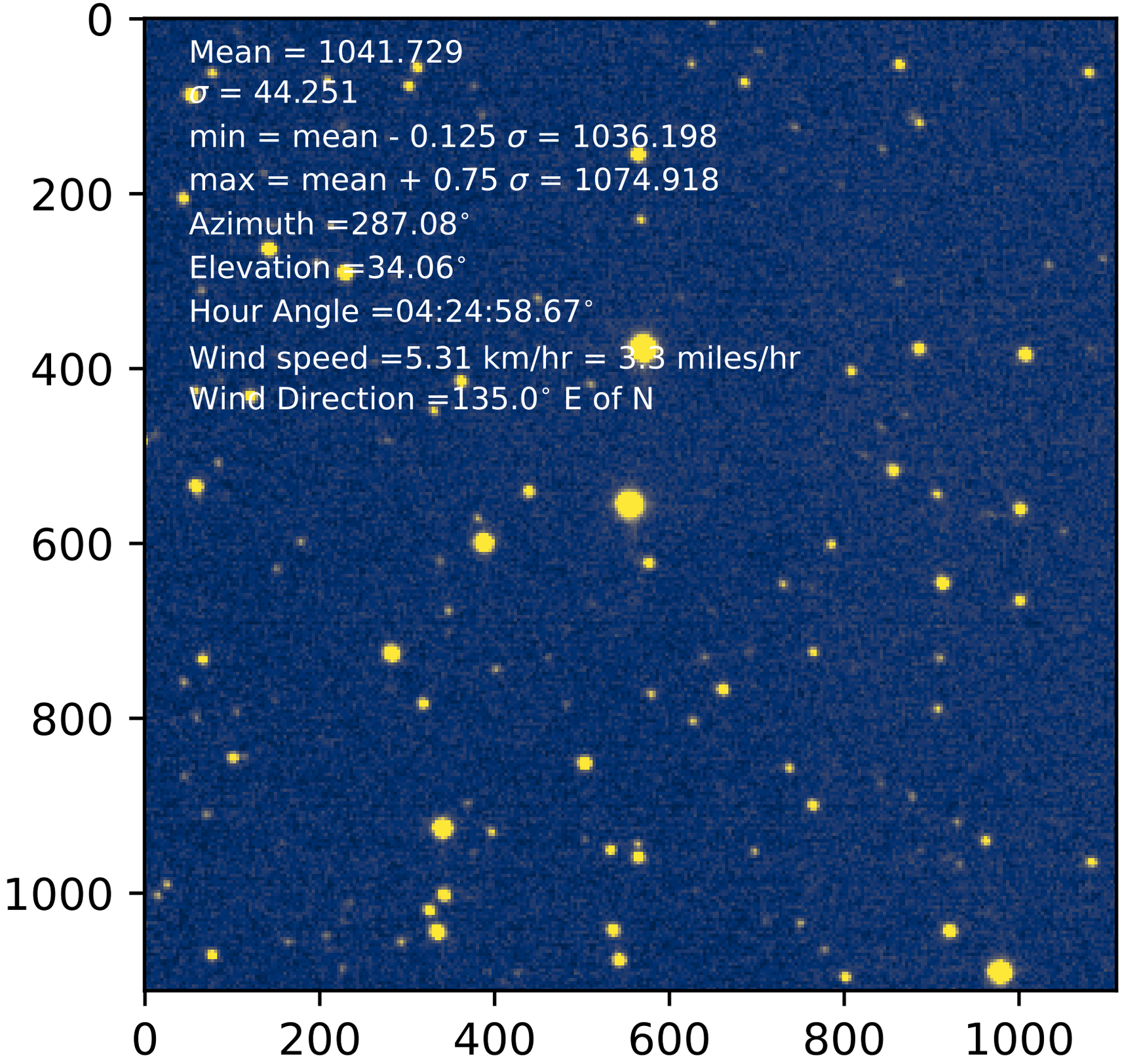

Mean = 1041.616
σ = 43.002
min = mean - 0.125 σ = 1036.241
max = mean + 0.75 σ = 1073.867
Azimuth =286.76°
Elevation =34.8°
Hour Angle =04:21:21.07°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

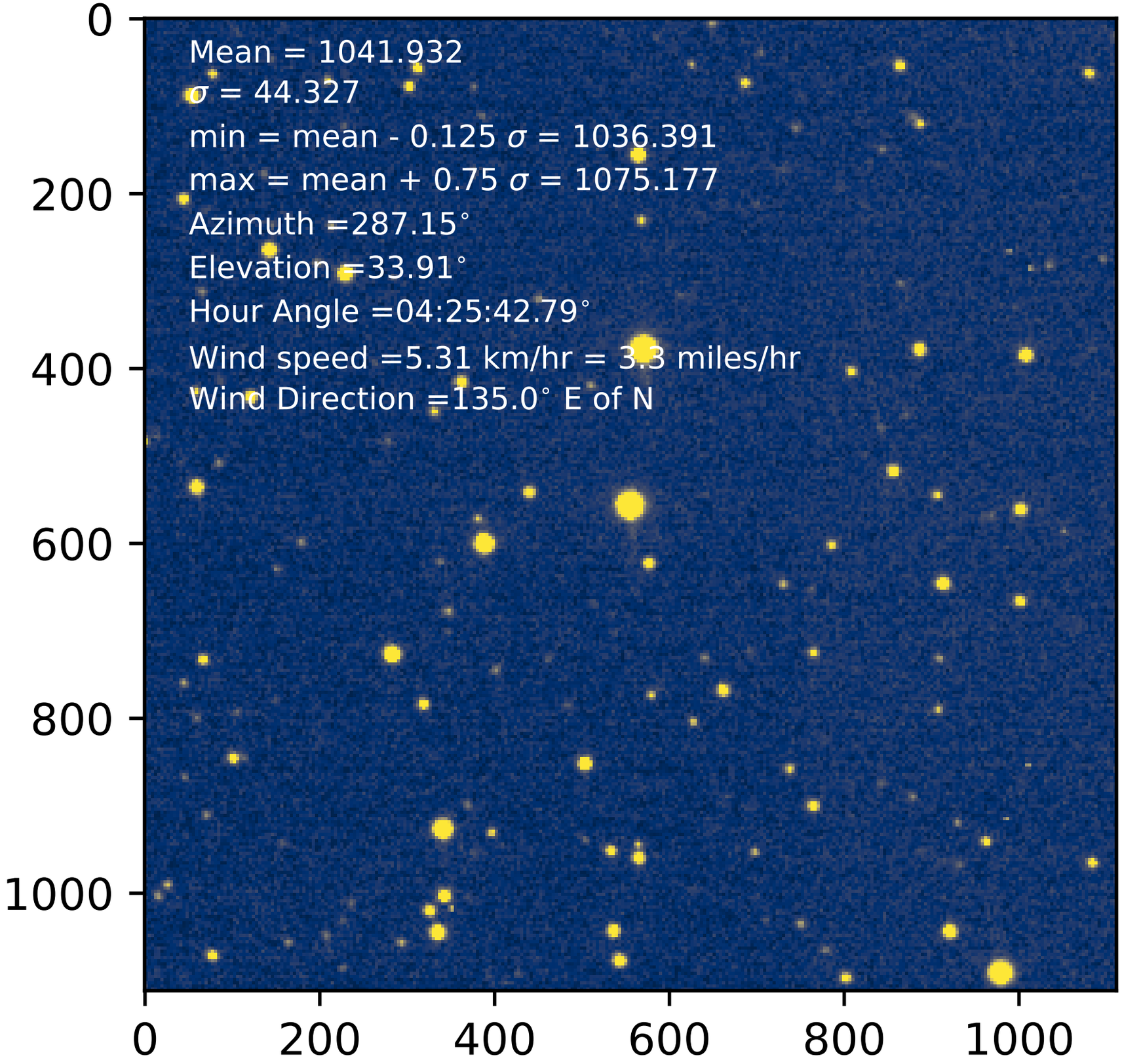

Mean = 1041.233
σ = 43.863
min = mean - 0.125 σ = 1035.75
max = mean + 0.75 σ = 1074.13
Azimuth =286.83°
Elevation =34.65°
Hour Angle =04:22:04.19°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

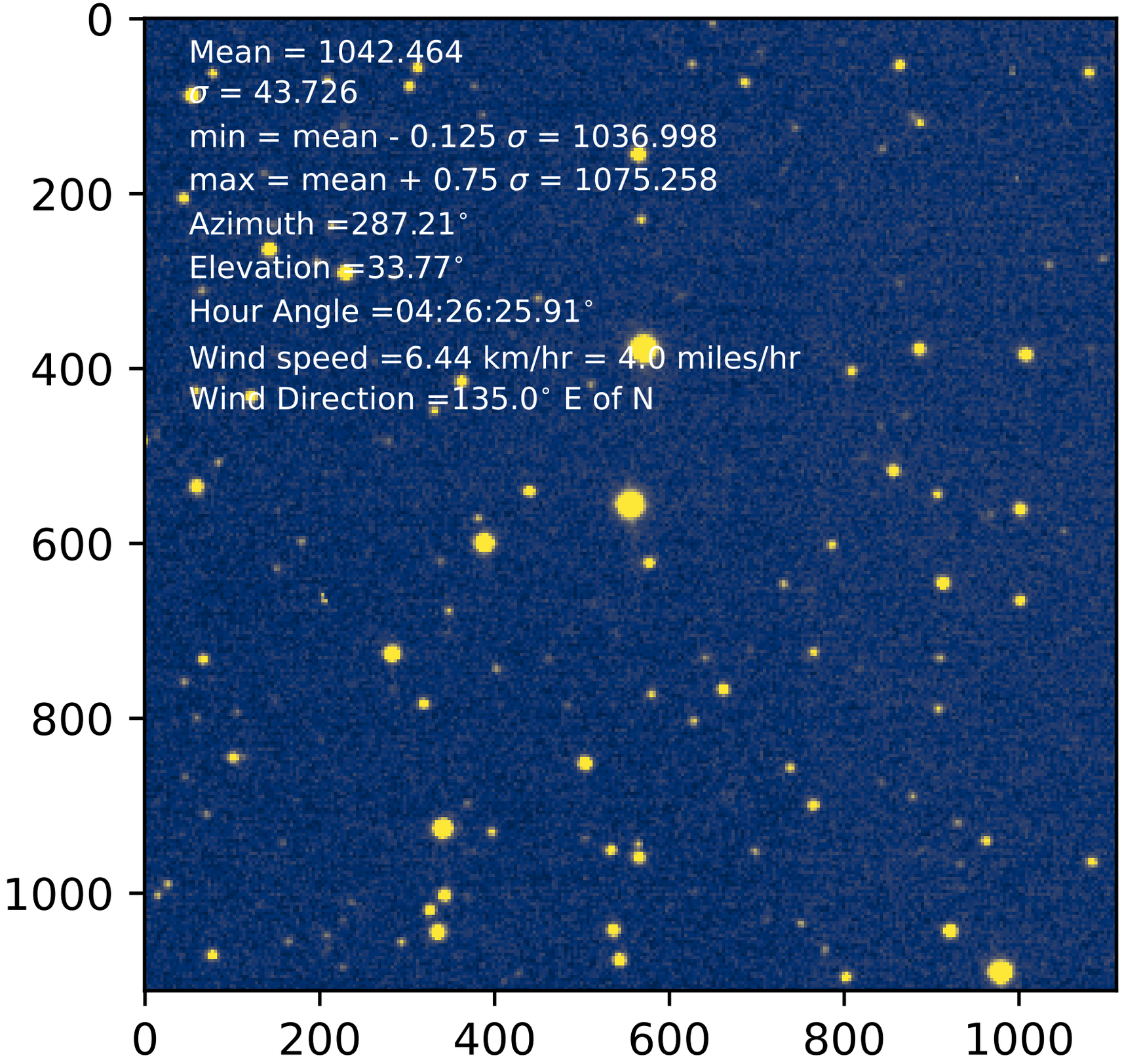

Mean = 1041.392
σ = 43.816
min = mean - 0.125 σ = 1035.915
max = mean + 0.75 σ = 1074.254
Azimuth =286.89°
Elevation =34.5°
Hour Angle =04:22:48.31°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

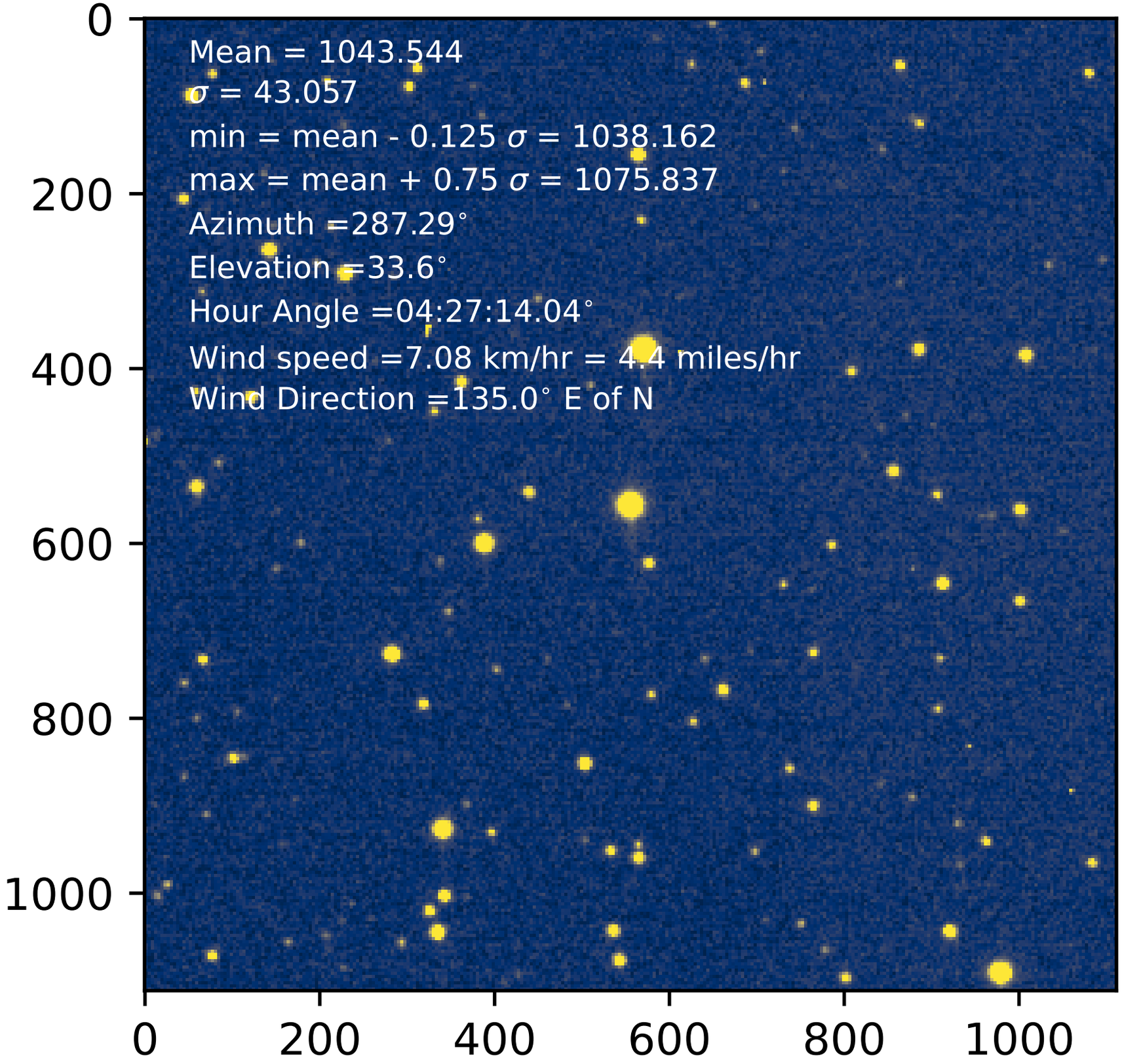

Mean = 1041.800
σ = 43.670
min = mean - 0.125 σ = 1036.341
max = mean + 0.75 σ = 1074.552
Azimuth =286.95°
Elevation =34.36°
Hour Angle =04:23:31.43°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

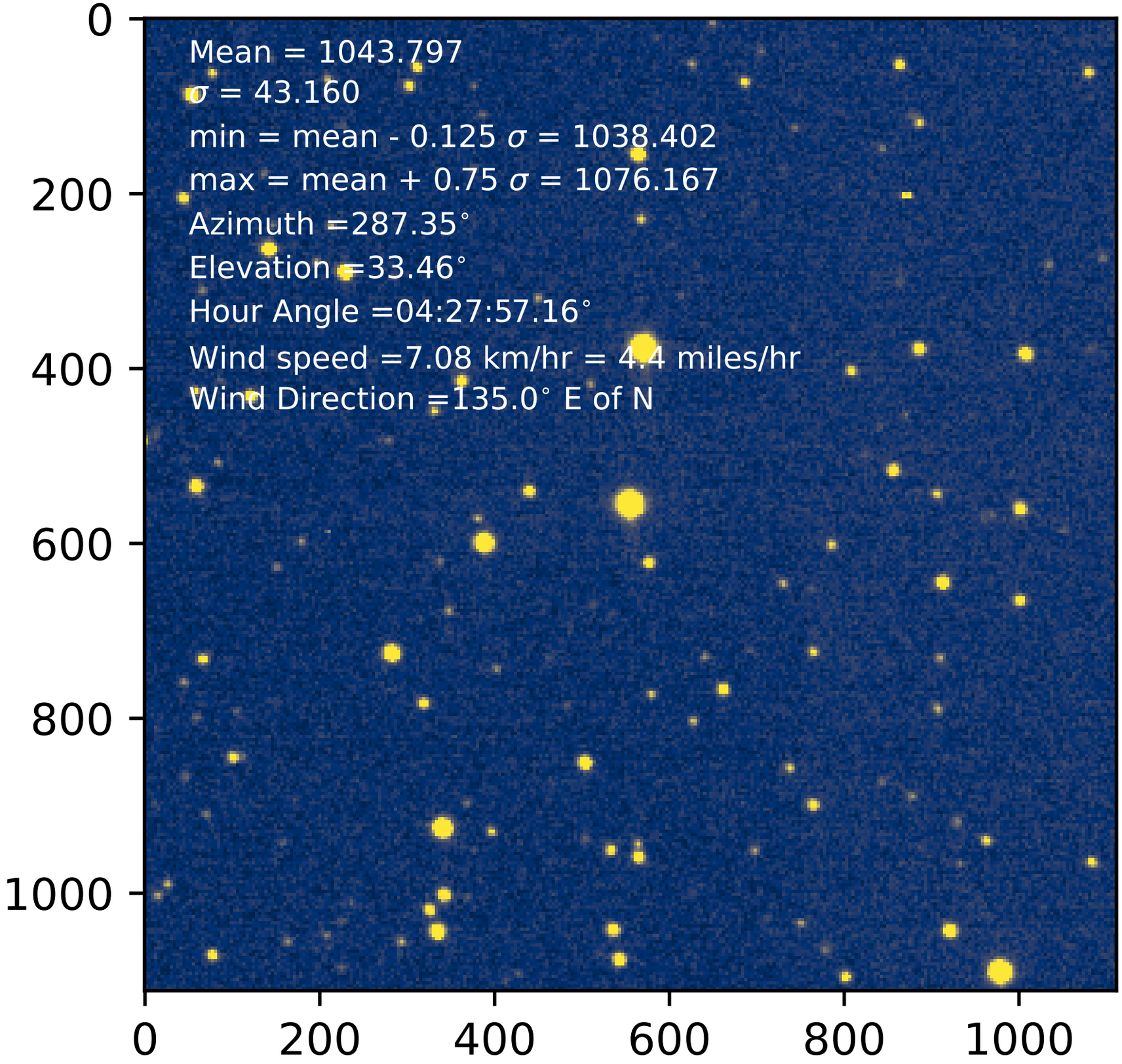

Mean = 1041.987
σ = 43.537
min = mean - 0.125 σ = 1036.545
max = mean + 0.75 σ = 1074.64
Azimuth =287.02°
Elevation =34.21°
Hour Angle =04:24:15.55°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

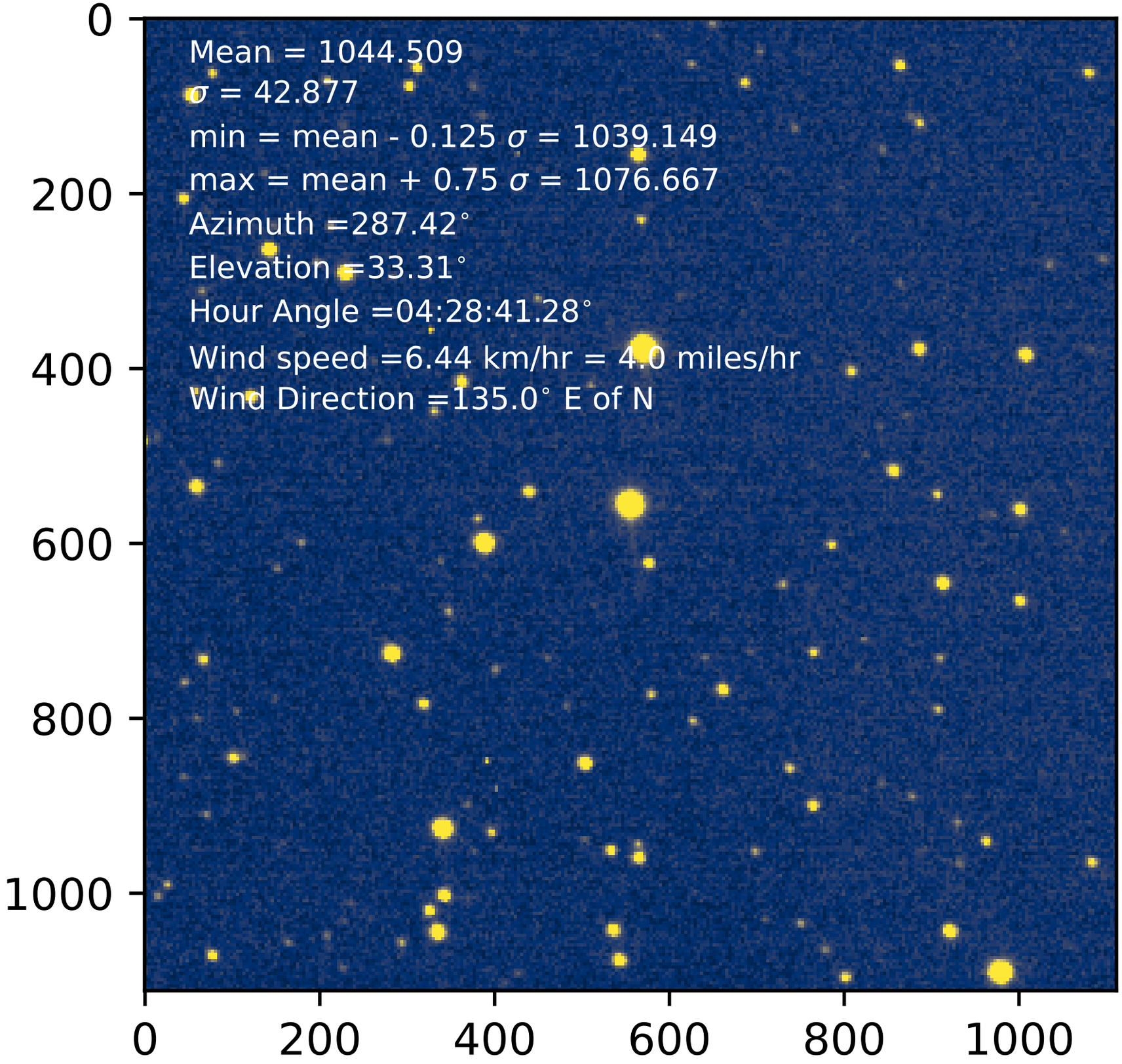

Mean = 1041.729
σ = 44.251
min = mean - 0.125 σ = 1036.198
max = mean + 0.75 σ = 1074.918
Azimuth =287.08°
Elevation =34.06°
Hour Angle =04:24:58.67°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

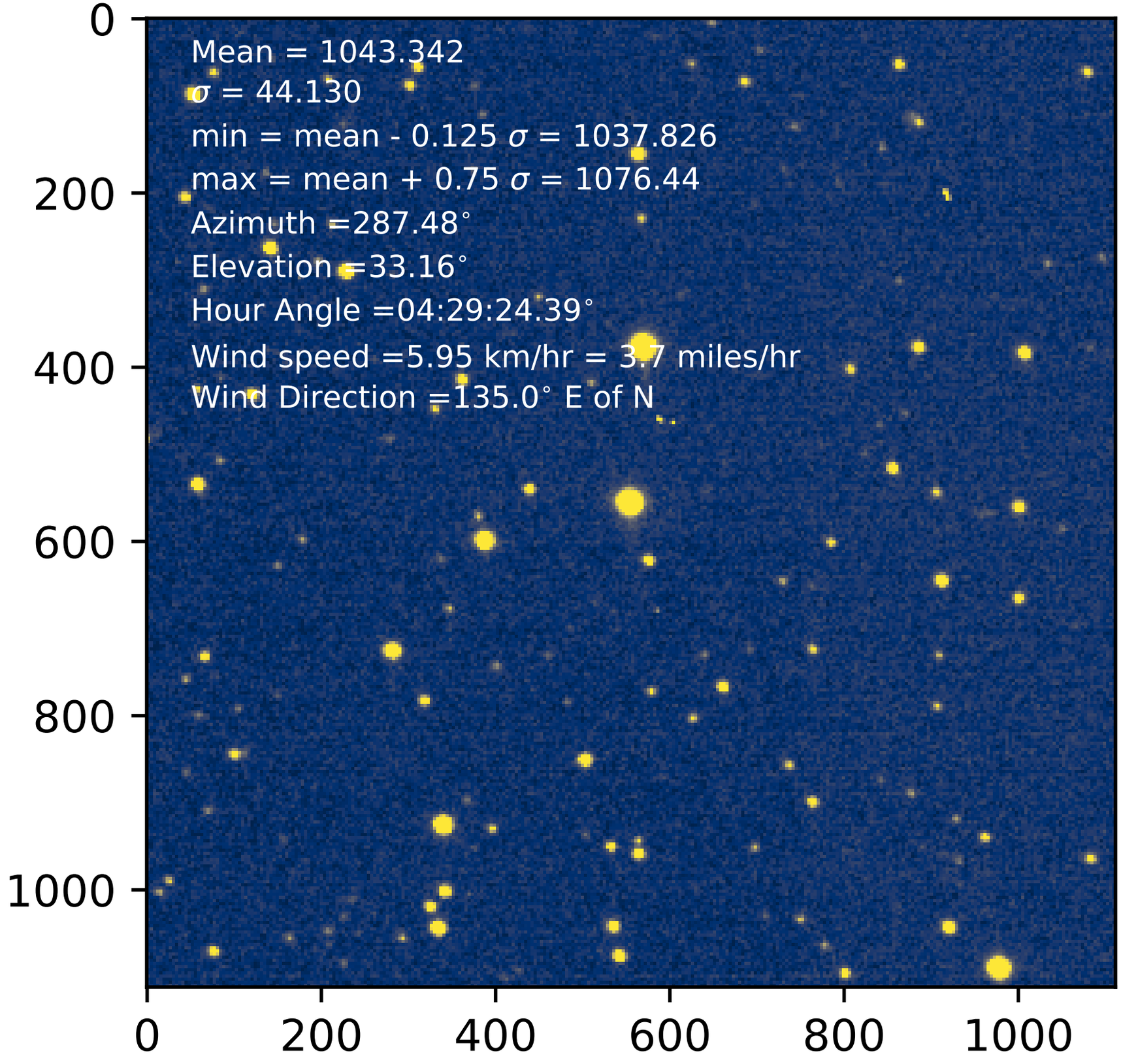

Mean = 1041.932
σ = 44.327
min = mean - 0.125 σ = 1036.391
max = mean + 0.75 σ = 1075.177
Azimuth =287.15°
Elevation =33.91°
Hour Angle =04:25:42.79°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

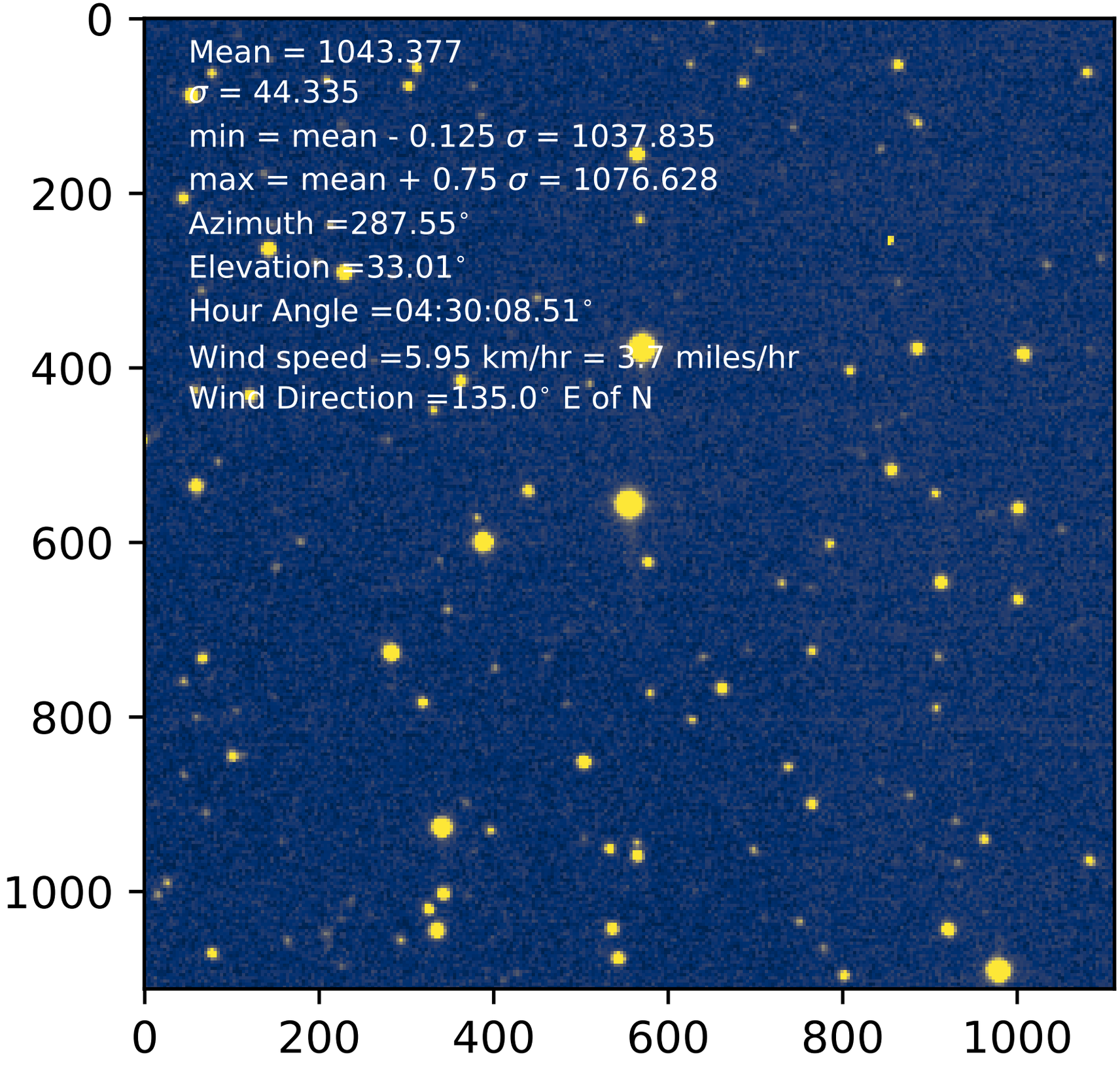

Mean = 1042.464
σ = 43.726
min = mean - 0.125 σ = 1036.998
max = mean + 0.75 σ = 1075.258
Azimuth =287.21°
Elevation =33.77°
Hour Angle =04:26:25.91°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

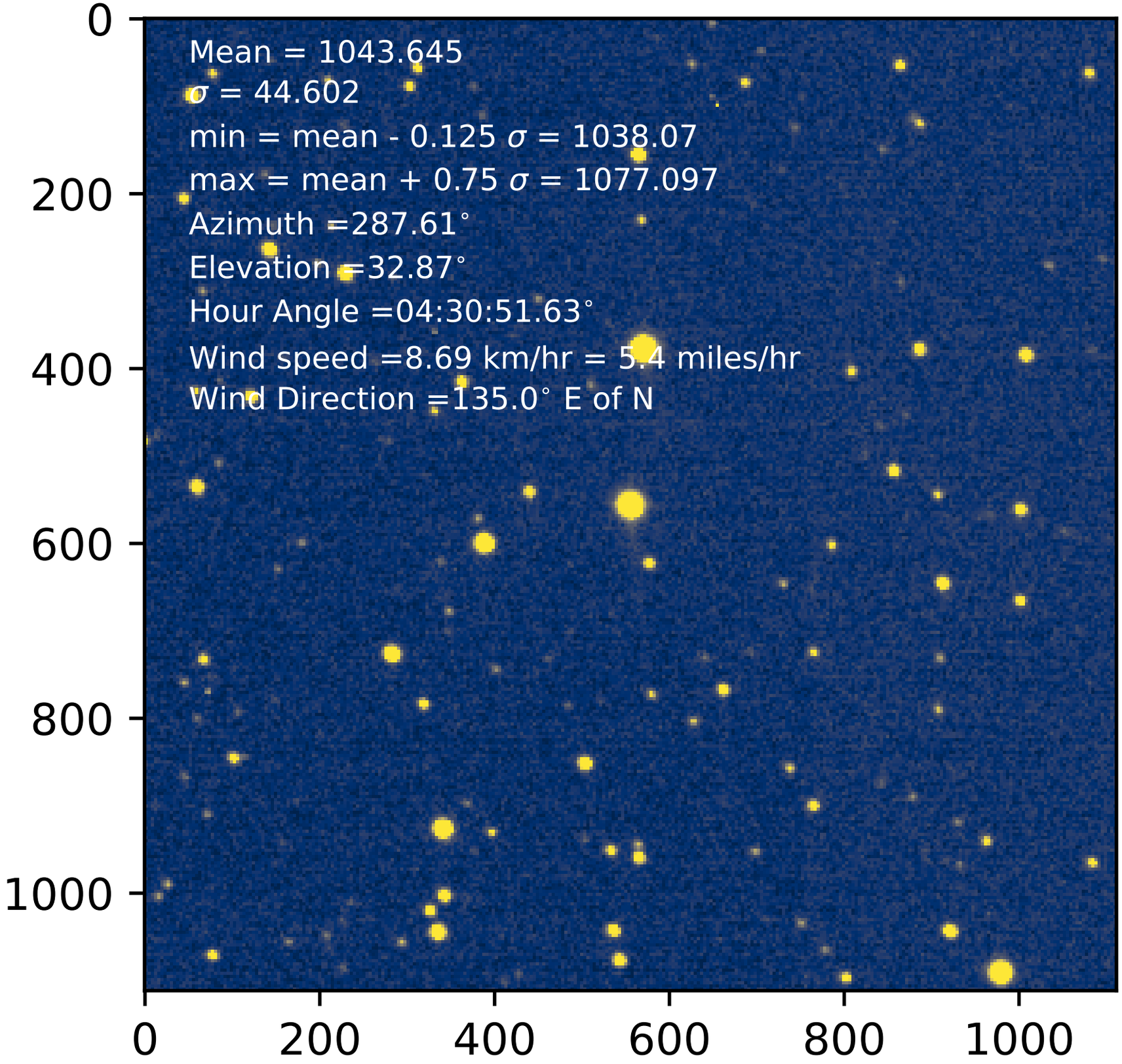

Mean = 1043.544
σ = 43.057
min = mean - 0.125 σ = 1038.162
max = mean + 0.75 σ = 1075.837
Azimuth =287.29°
Elevation =33.6°
Hour Angle =04:27:14.04°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

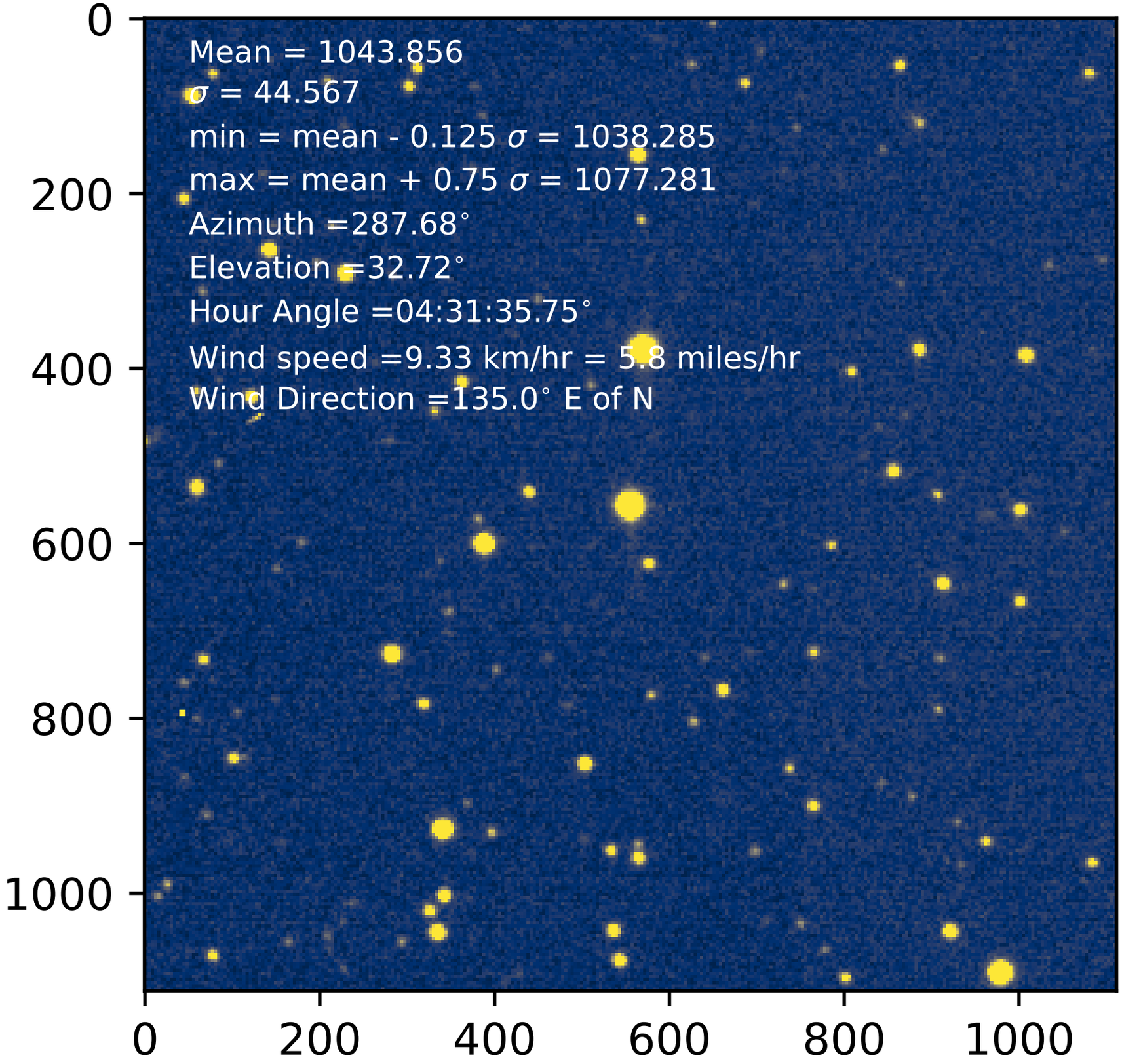

Mean = 1043.797
σ = 43.160
min = mean - 0.125 σ = 1038.402
max = mean + 0.75 σ = 1076.167
Azimuth =287.35°
Elevation =33.46°
Hour Angle =04:27:57.16°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

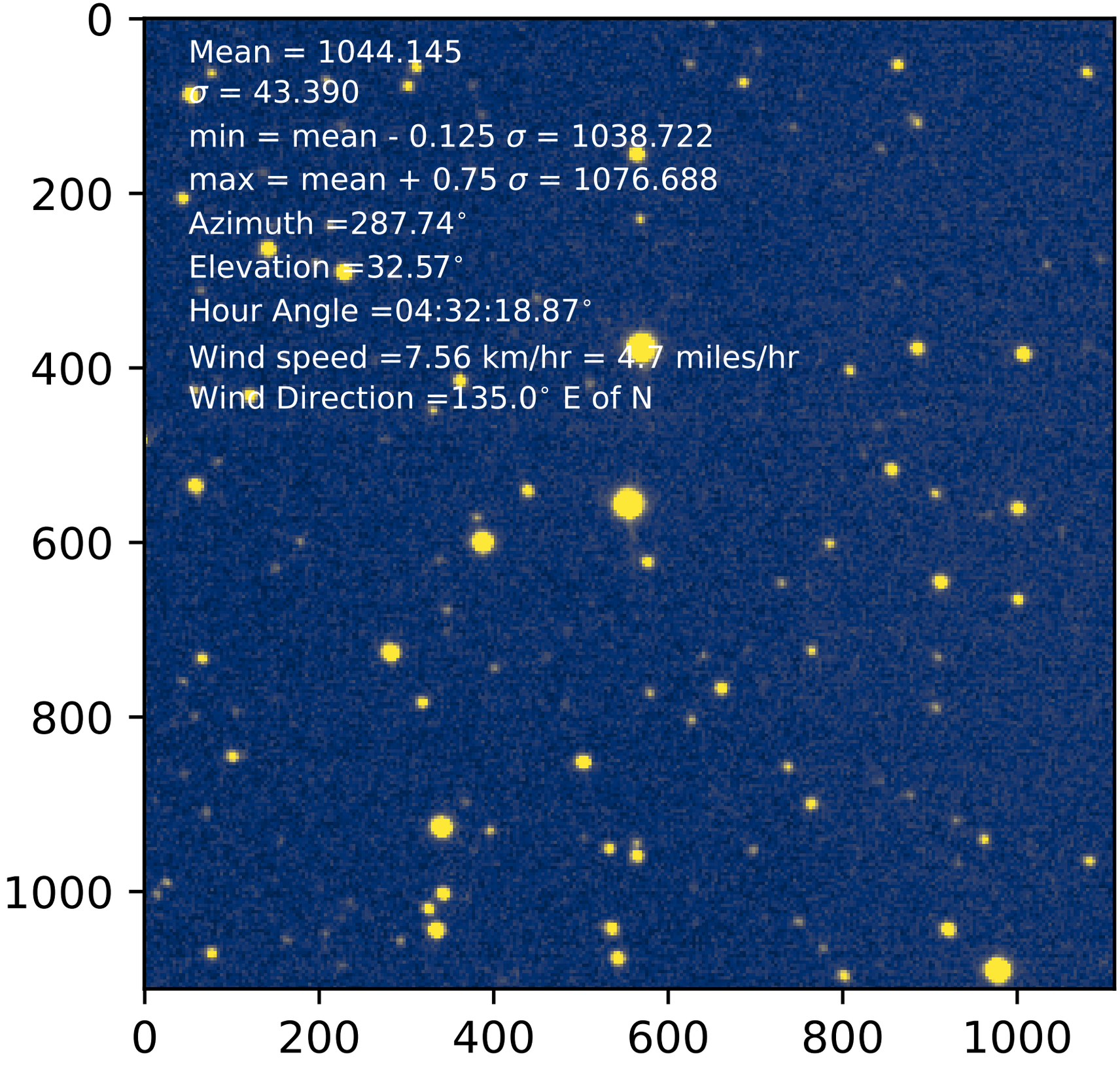

Mean = 1044.509
σ = 42.877
min = mean - 0.125 σ = 1039.149
max = mean + 0.75 σ = 1076.667
Azimuth =287.42°
Elevation =33.31°
Hour Angle =04:28:41.28°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

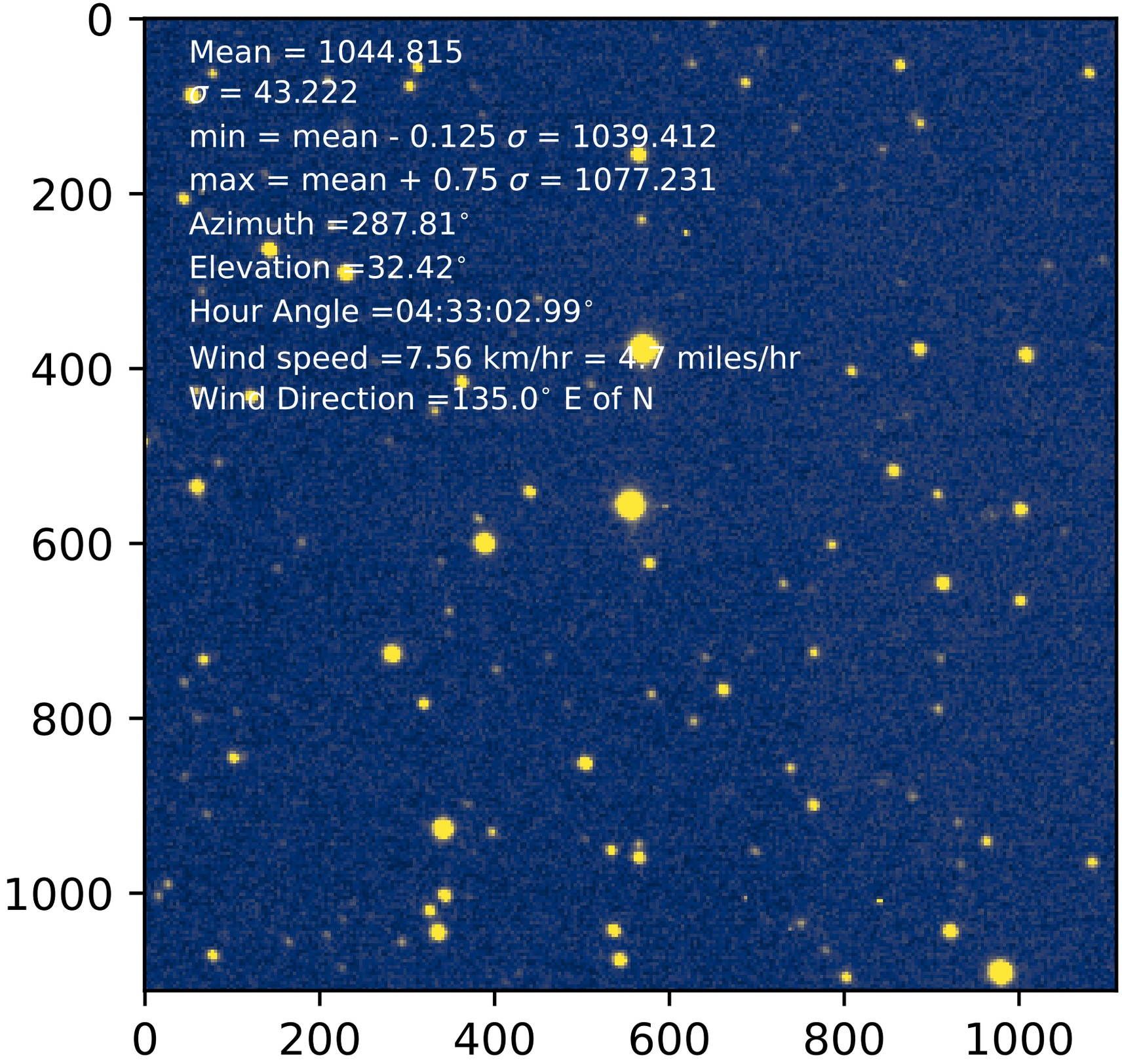

Mean = 1043.342
σ = 44.130
min = mean - 0.125 σ = 1037.826
max = mean + 0.75 σ = 1076.44
Azimuth =287.48°
Elevation =33.16°
Hour Angle =04:29:24.39°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

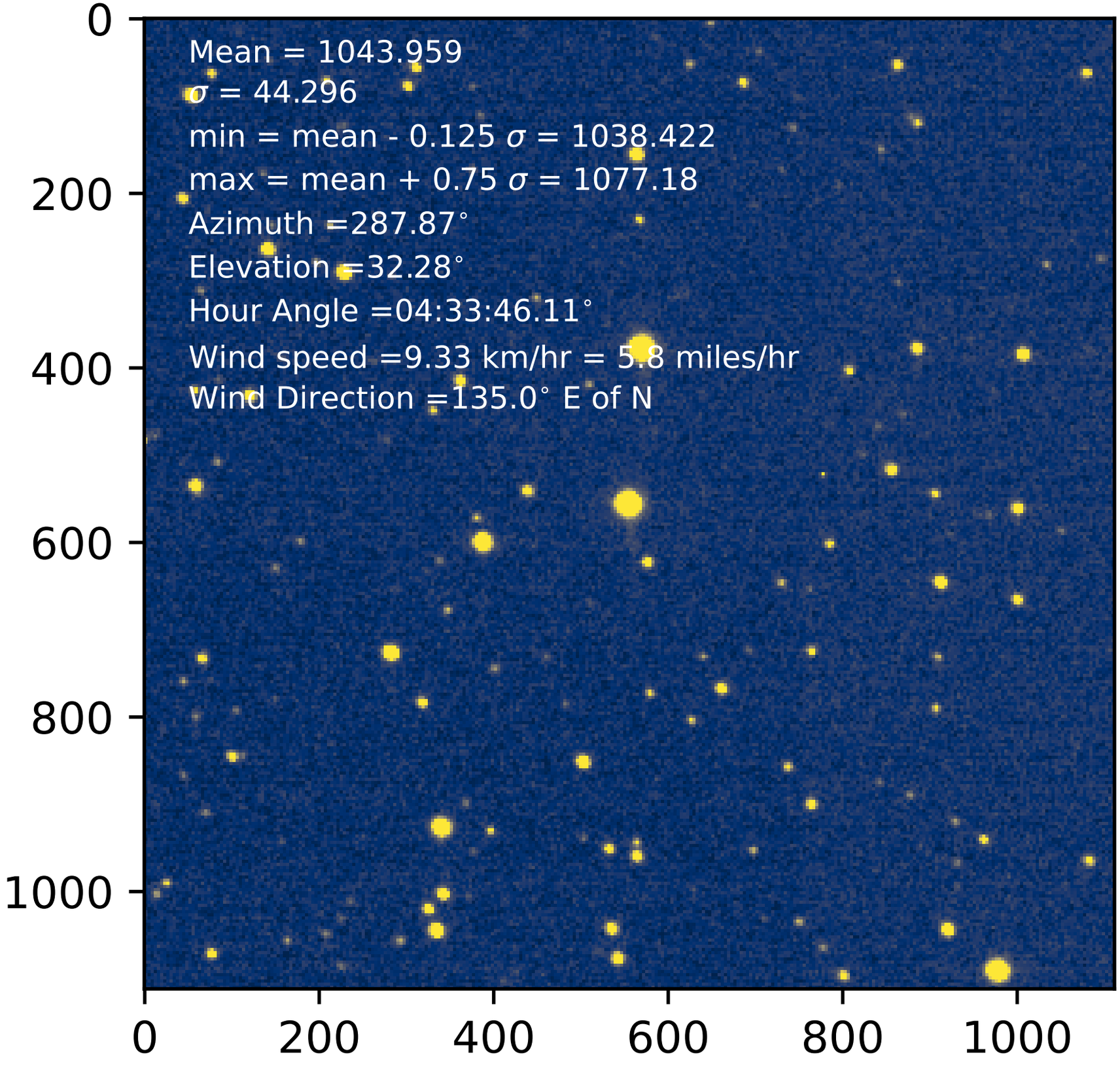

Mean = 1043.377
σ = 44.335
min = mean - 0.125 σ = 1037.835
max = mean + 0.75 σ = 1076.628
Azimuth =287.55°
Elevation =33.01°
Hour Angle =04:30:08.51°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

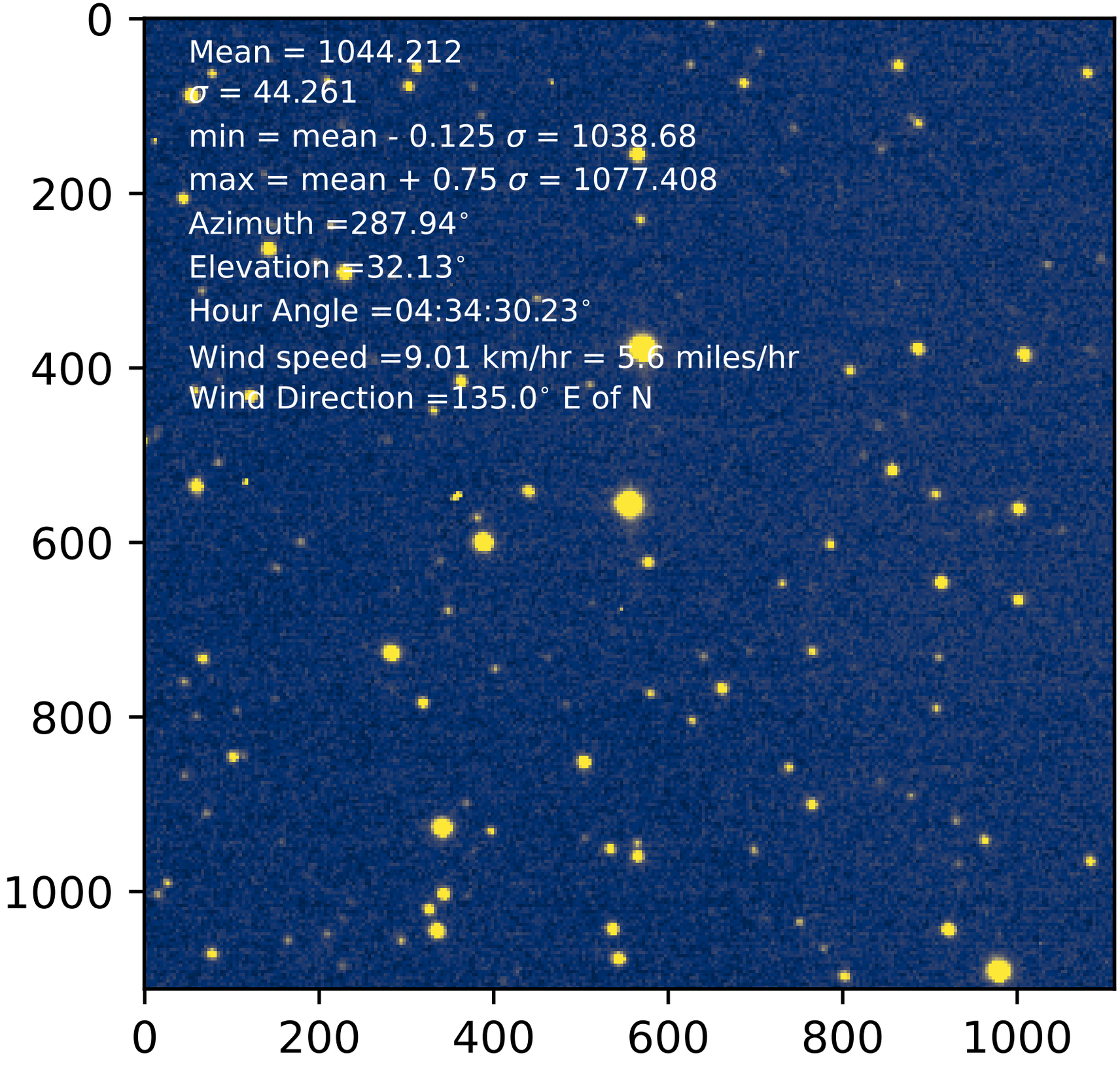

Mean = 1043.645
σ = 44.602
min = mean - 0.125 σ = 1038.07
max = mean + 0.75 σ = 1077.097
Azimuth =287.61°
Elevation =32.87°
Hour Angle =04:30:51.63°
Wind speed =8.69 km/hr = 5.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1043.856
σ = 44.567
min = mean - 0.125 σ = 1038.285
max = mean + 0.75 σ = 1077.281
Azimuth =287.68°
Elevation =32.72°
Hour Angle =04:31:35.75°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1044.145
σ = 43.390
min = mean - 0.125 σ = 1038.722
max = mean + 0.75 σ = 1076.688
Azimuth =287.74°
Elevation =32.57°
Hour Angle =04:32:18.87°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1044.815
σ = 43.222
min = mean - 0.125 σ = 1039.412
max = mean + 0.75 σ = 1077.231
Azimuth =287.81°
Elevation =32.42°
Hour Angle =04:33:02.99°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1043.959
σ = 44.296
min = mean - 0.125 σ = 1038.422
max = mean + 0.75 σ = 1077.18
Azimuth =287.87°
Elevation =32.28°
Hour Angle =04:33:46.11°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1044.212
σ = 44.261
min = mean - 0.125 σ = 1038.68
max = mean + 0.75 σ = 1077.408
Azimuth =287.94°
Elevation =32.13°
Hour Angle =04:34:30.23°
Wind speed =9.01 km/hr = 5.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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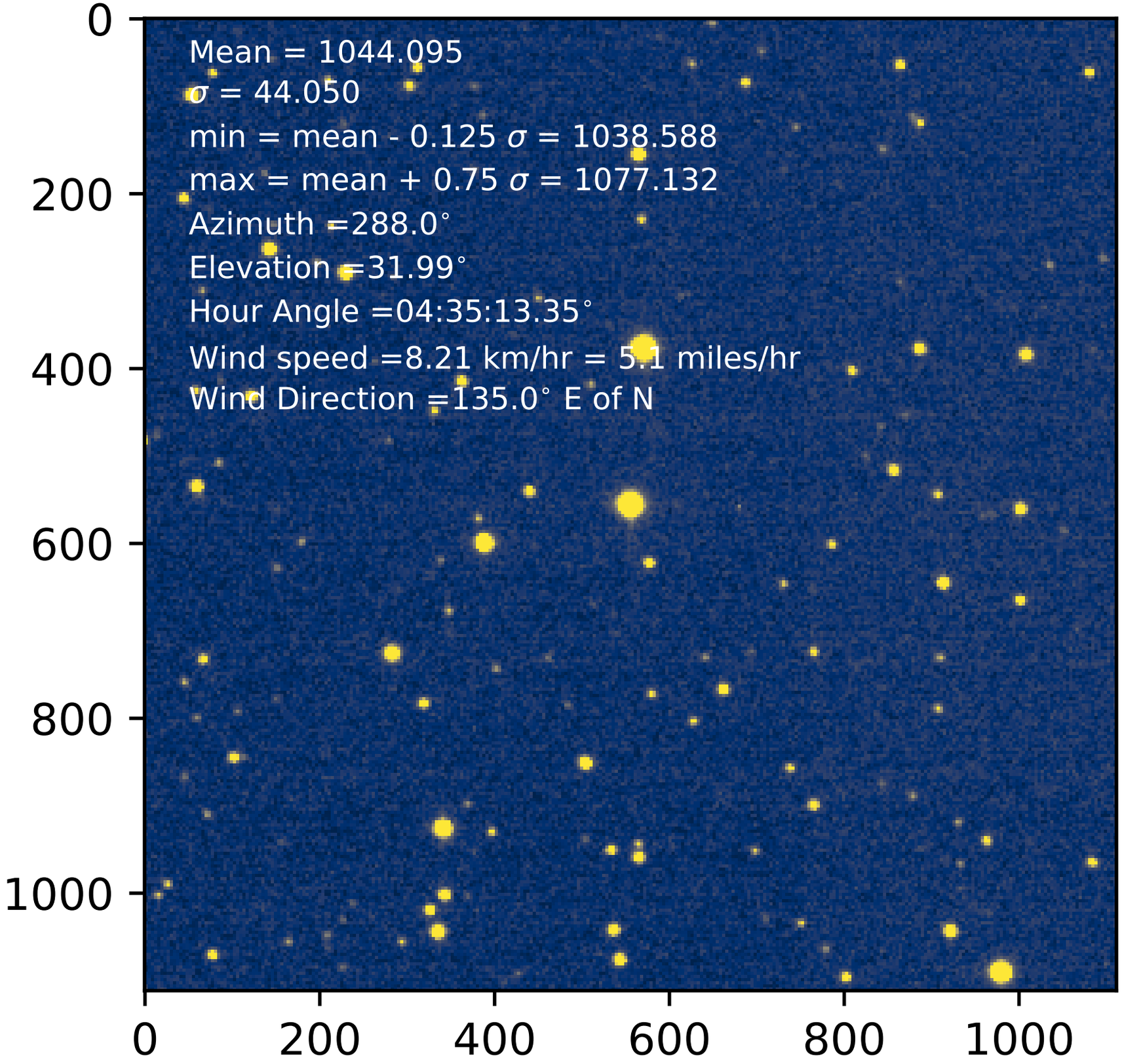
400
600
800
1000


Mean = 1044.095
σ = 44.050
min = mean - 0.125 σ = 1038.588
max = mean + 0.75 σ = 1077.132
Azimuth =288.0°
Elevation =31.99°
Hour Angle =04:35:13.35°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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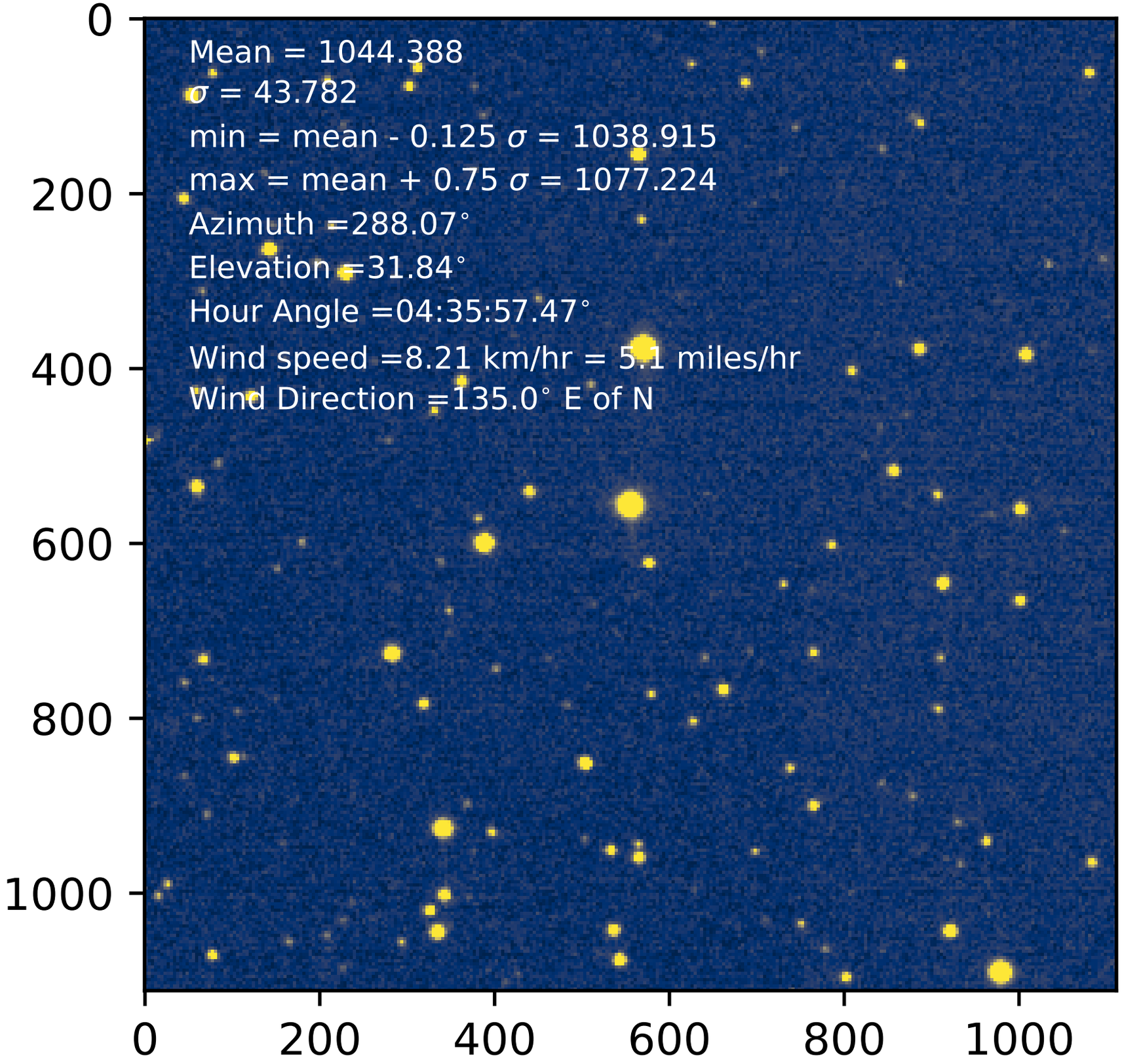
400
600
800
1000


Mean = 1044.388
σ = 43.782
min = mean - 0.125 σ = 1038.915
max = mean + 0.75 σ = 1077.224
Azimuth =288.07°
Elevation =31.84°
Hour Angle =04:35:57.47°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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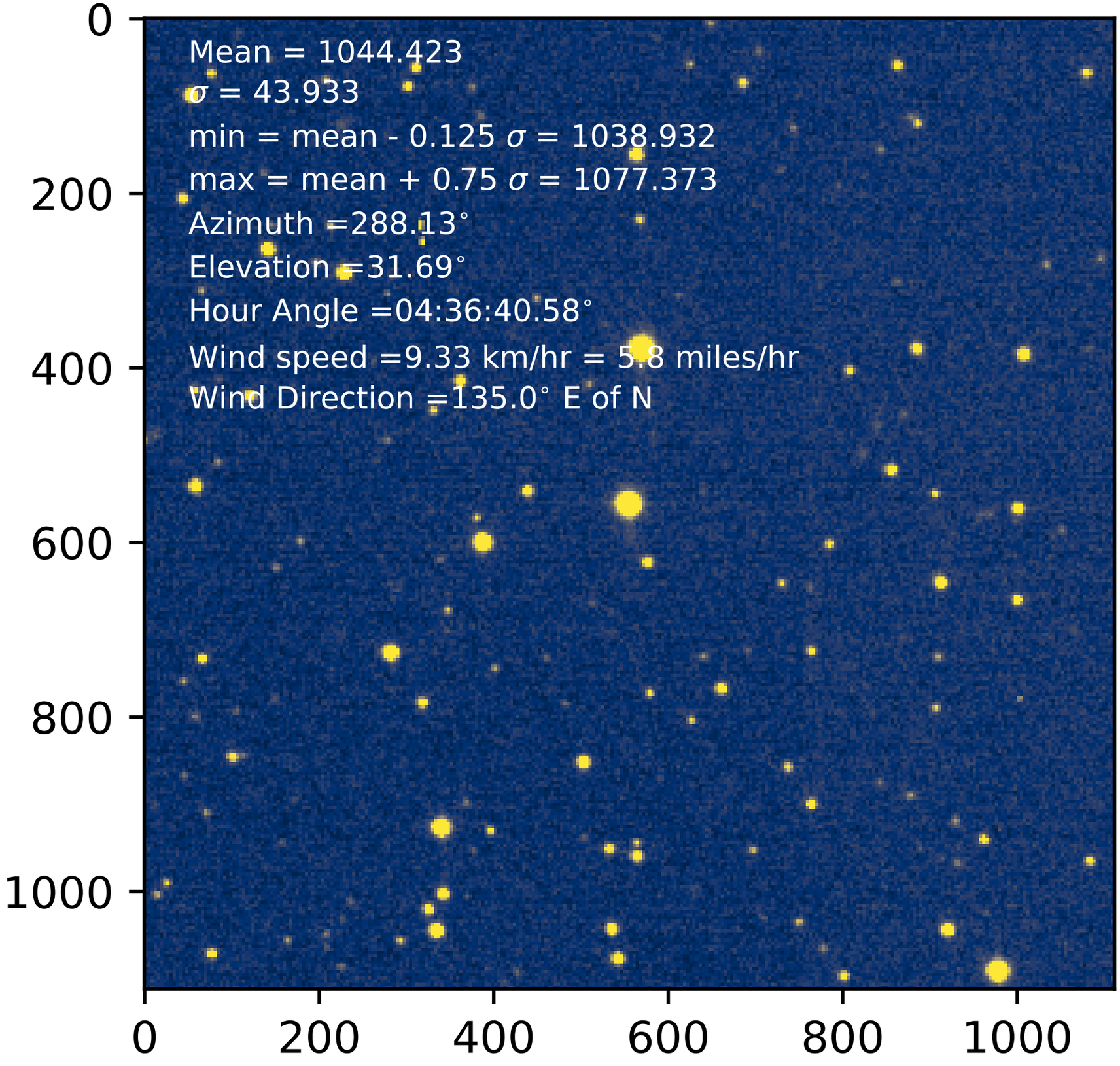
400
600
800
1000


Mean = 1044.423
σ = 43.933
min = mean - 0.125 σ = 1038.932
max = mean + 0.75 σ = 1077.373
Azimuth =288.13°
Elevation =31.69°
Hour Angle =04:36:40.58°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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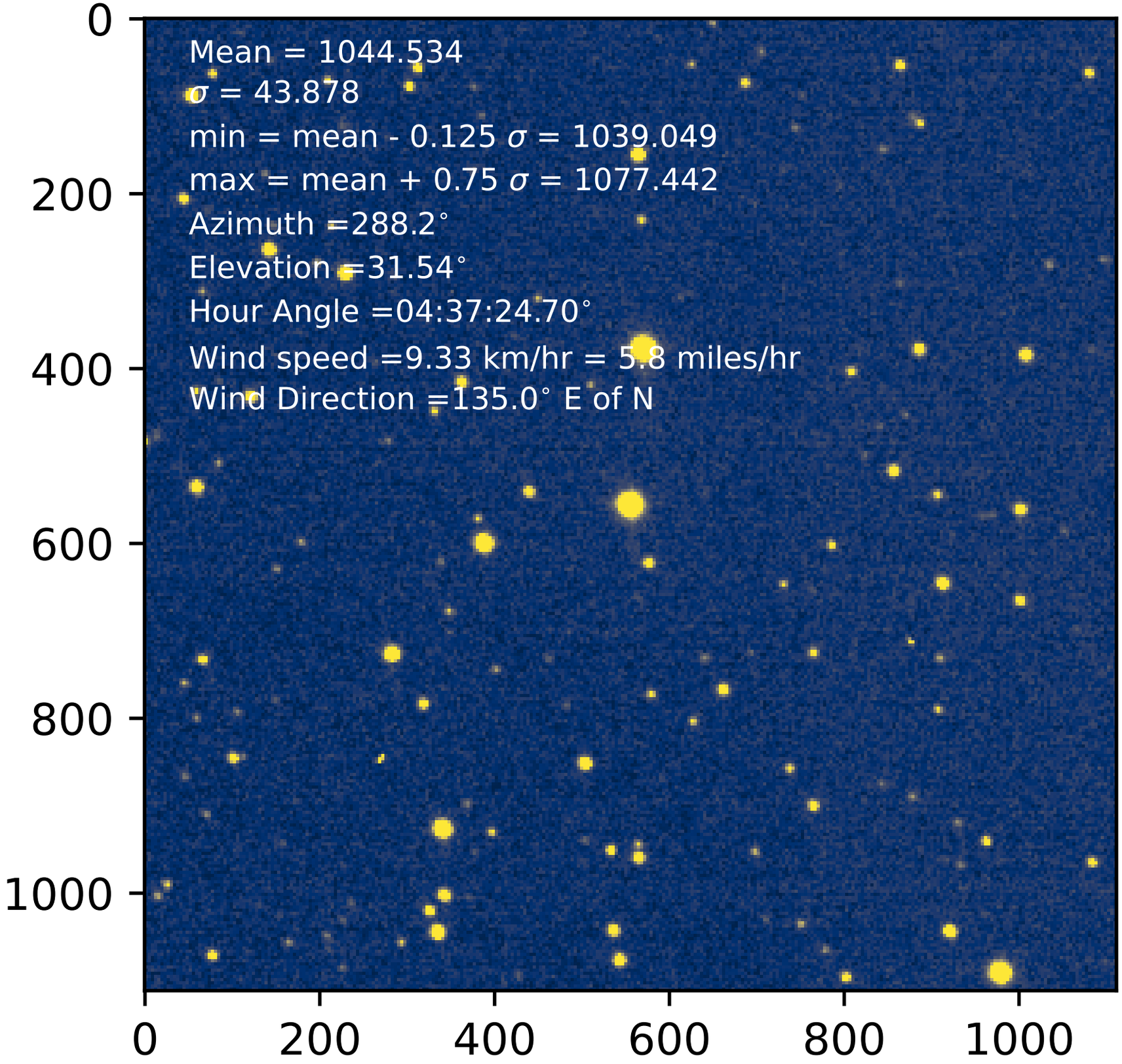
400
600
800
1000


Mean = 1044.534
σ = 43.878
min = mean - 0.125 σ = 1039.049
max = mean + 0.75 σ = 1077.442
Azimuth =288.2°
Elevation =31.54°
Hour Angle =04:37:24.70°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
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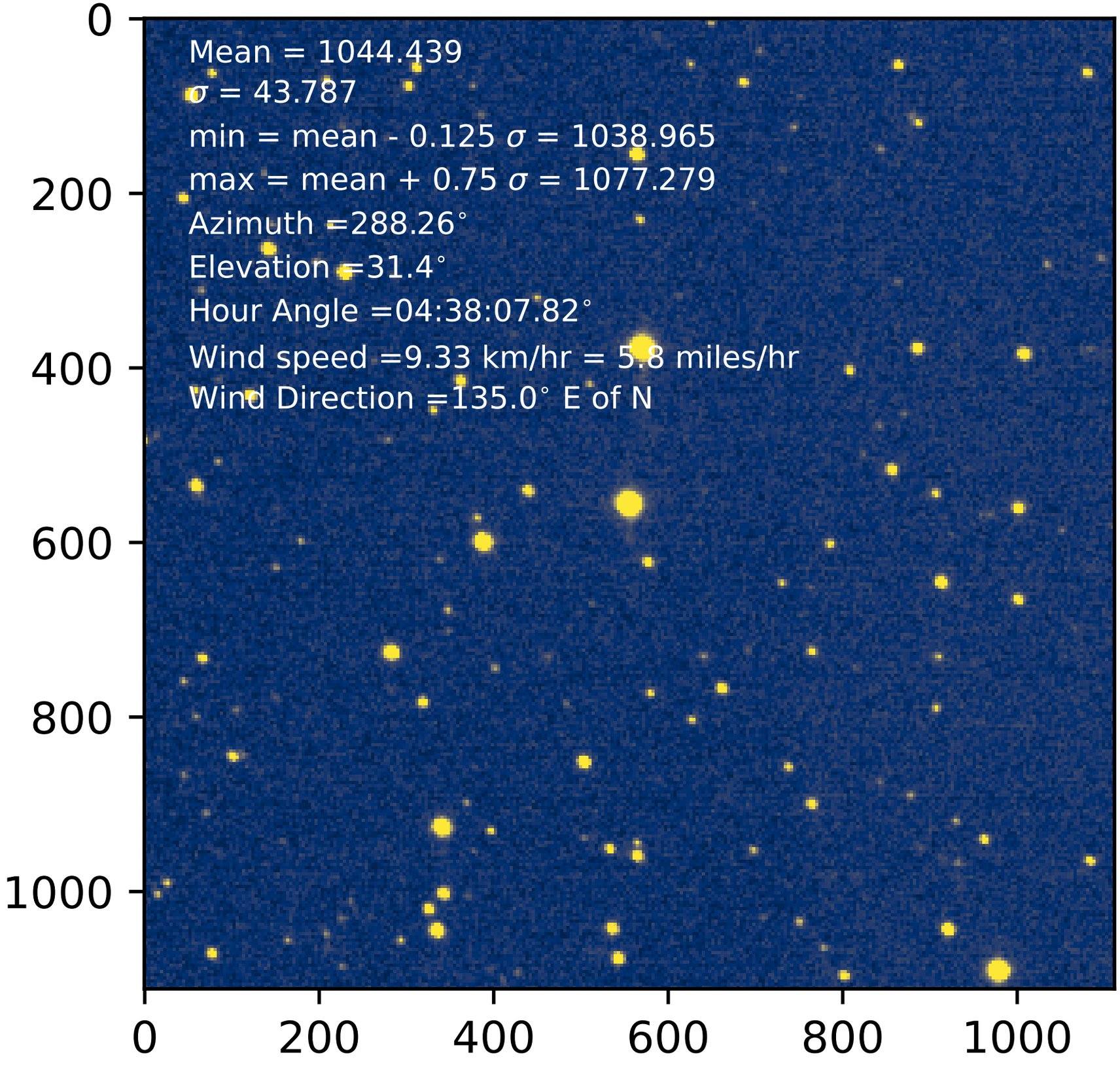
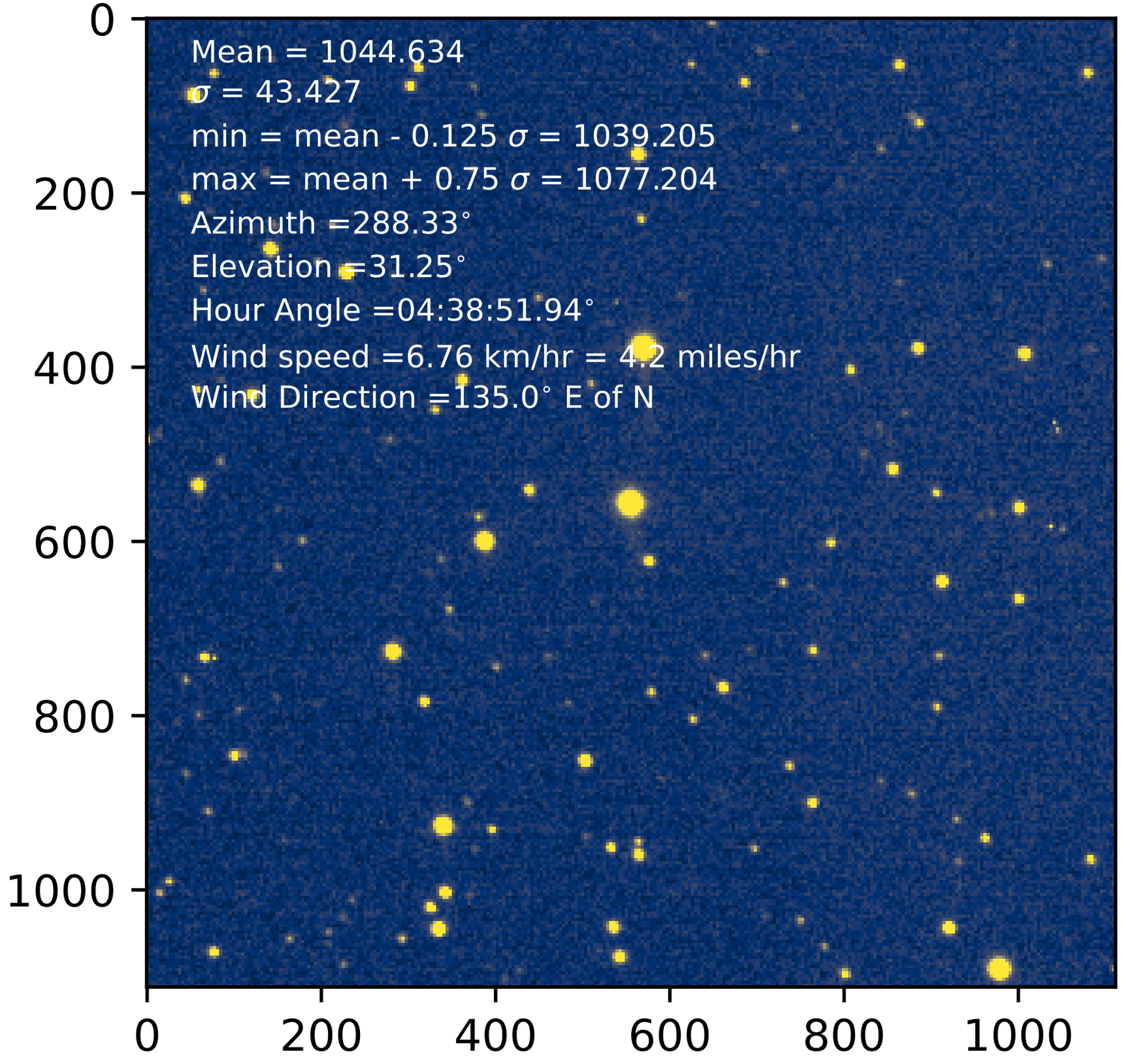
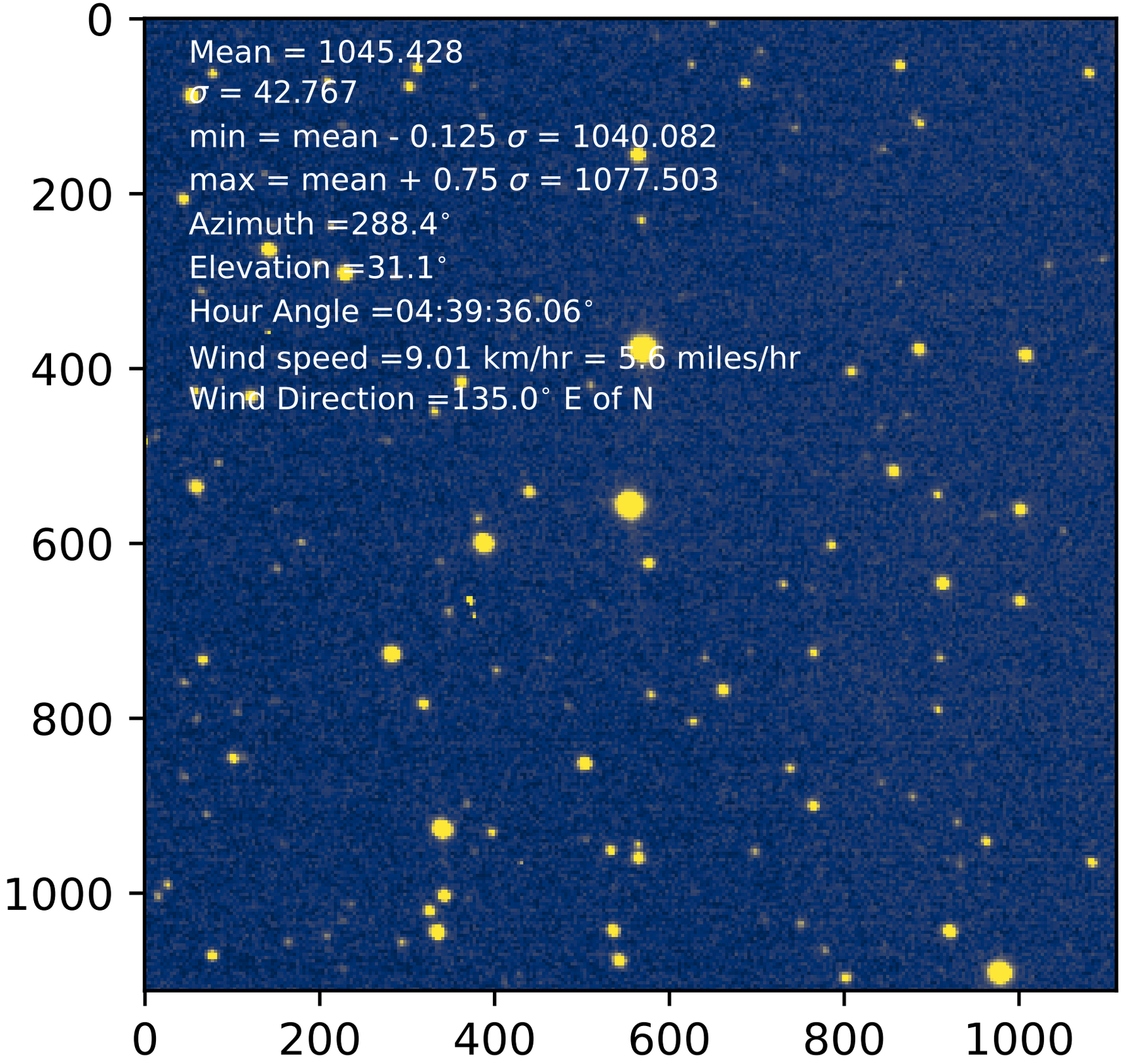
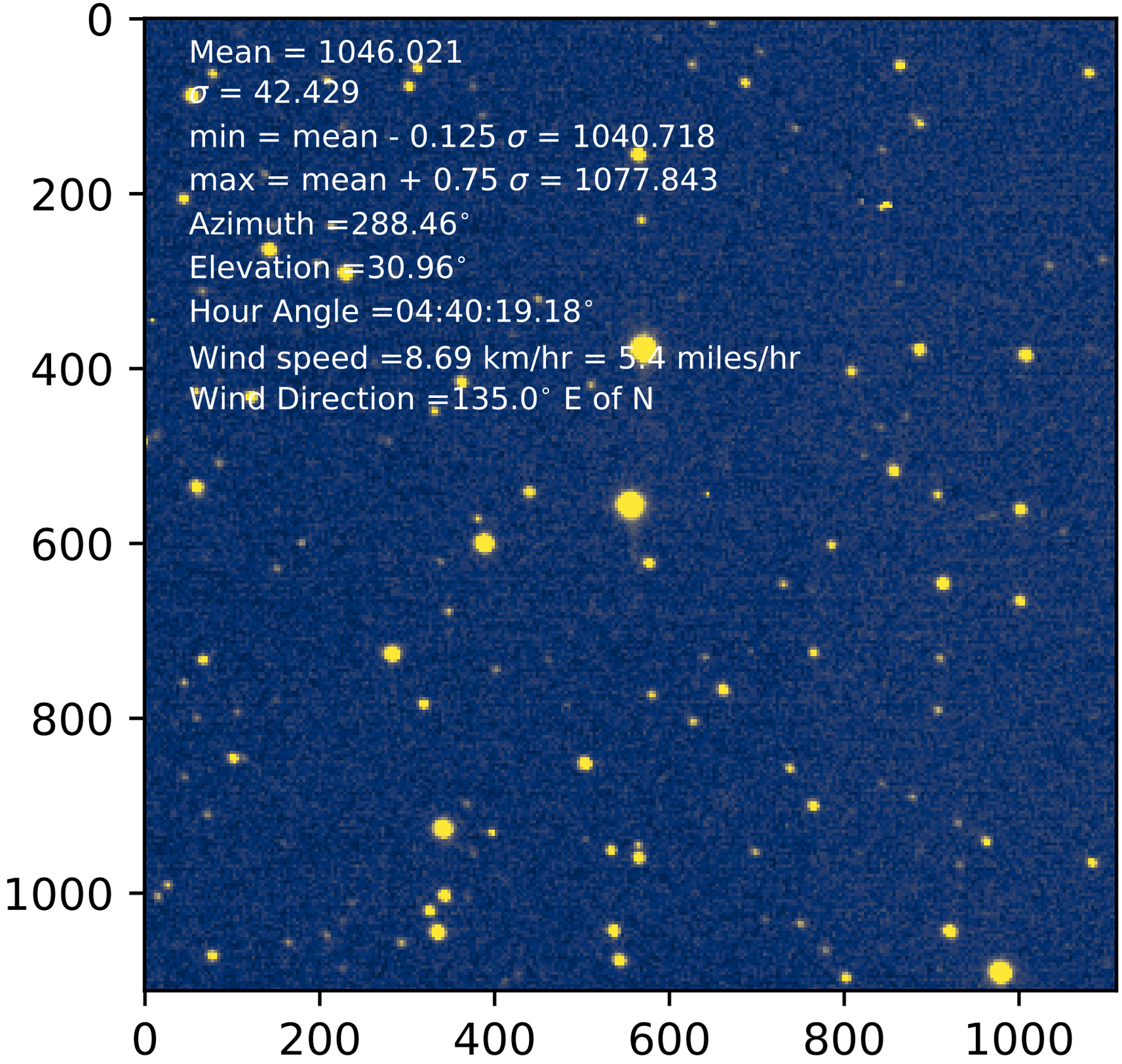
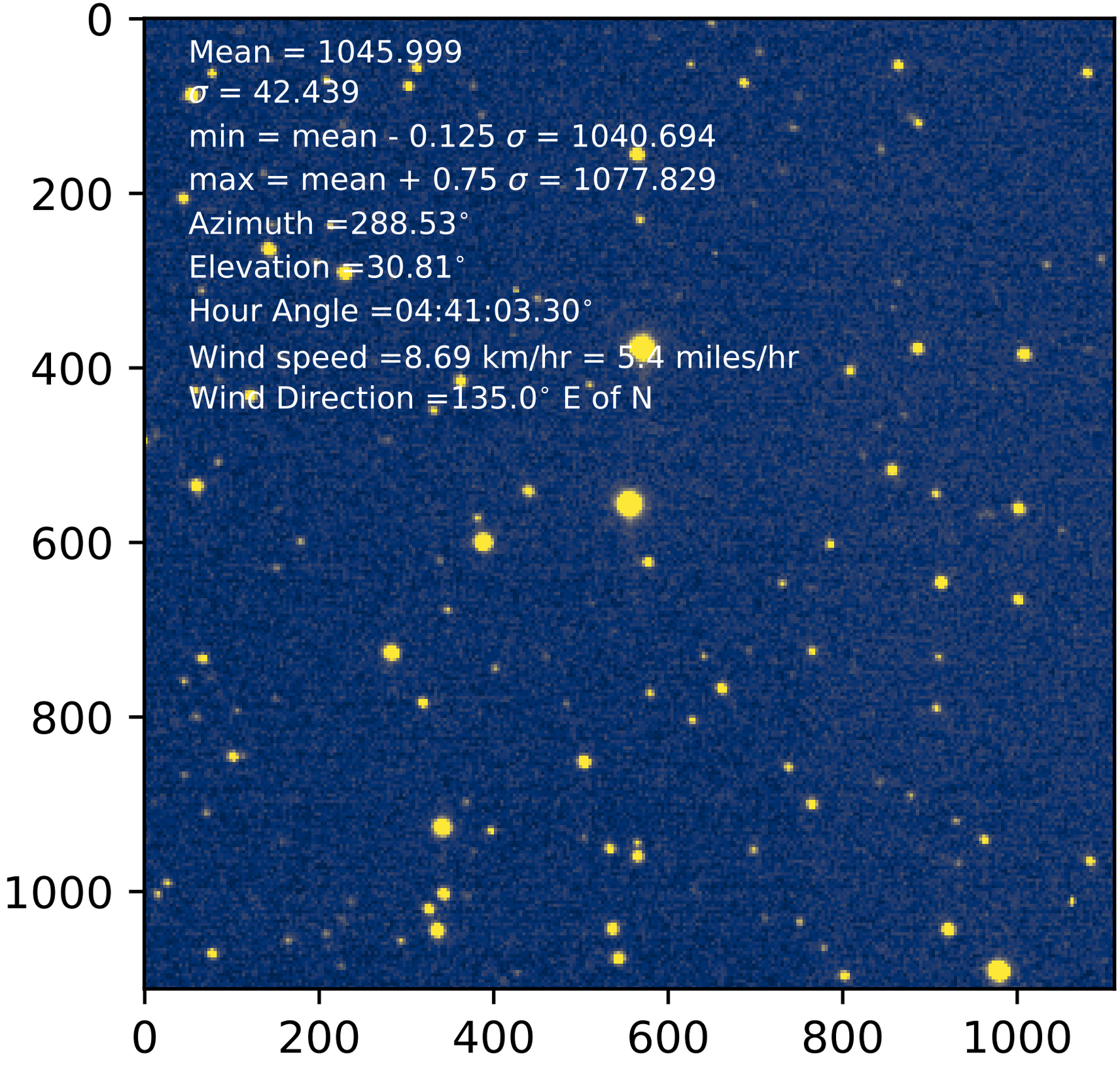
400
600
800
1000

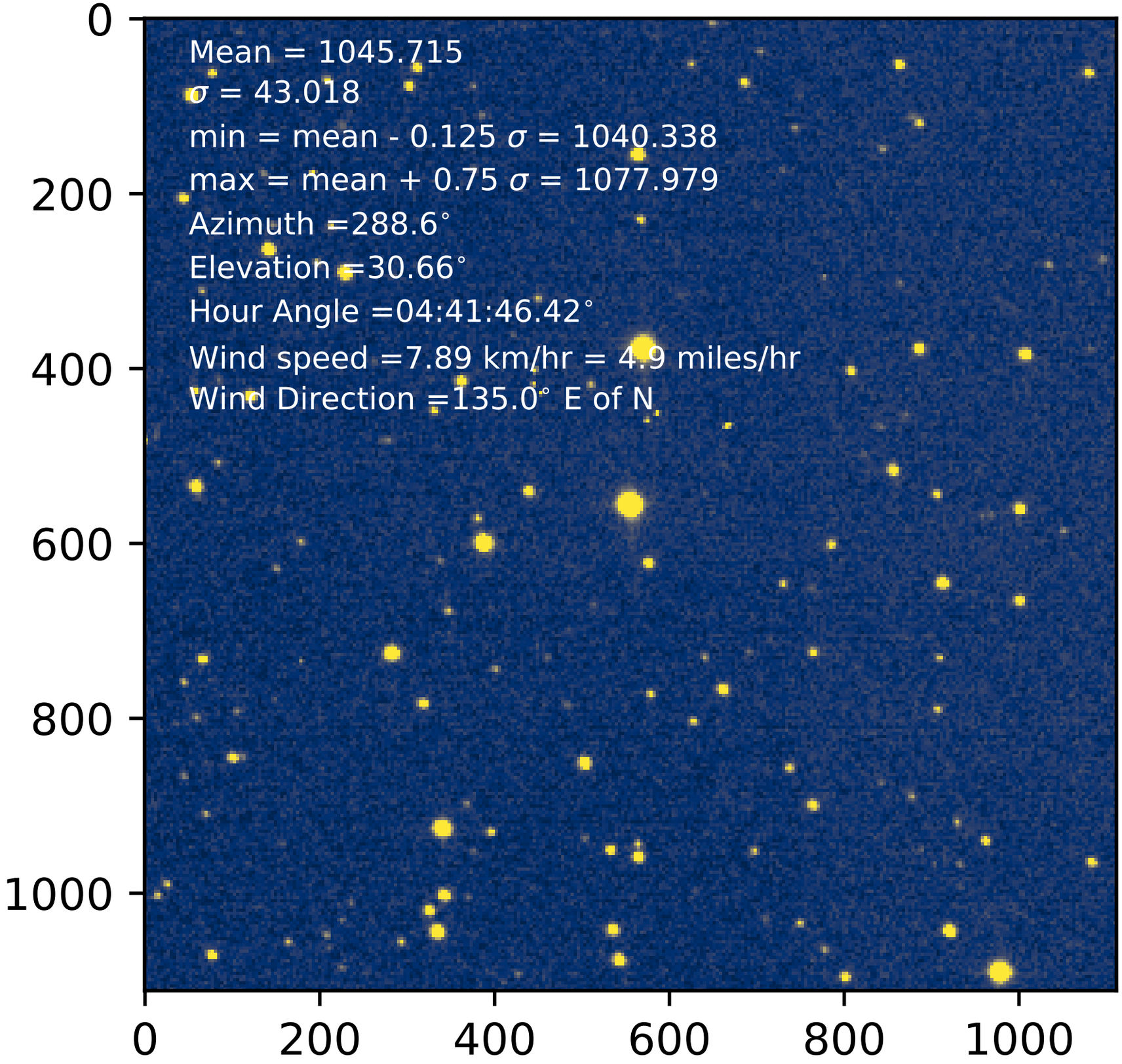

Mean = 1044.439
σ = 43.787
min = mean - 0.125 σ = 1038.965
max = mean + 0.75 σ = 1077.279
Azimuth =288.26°
Elevation =31.4°
Hour Angle =04:38:07.82°
Wind speed =9.33 km/hr = 5.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

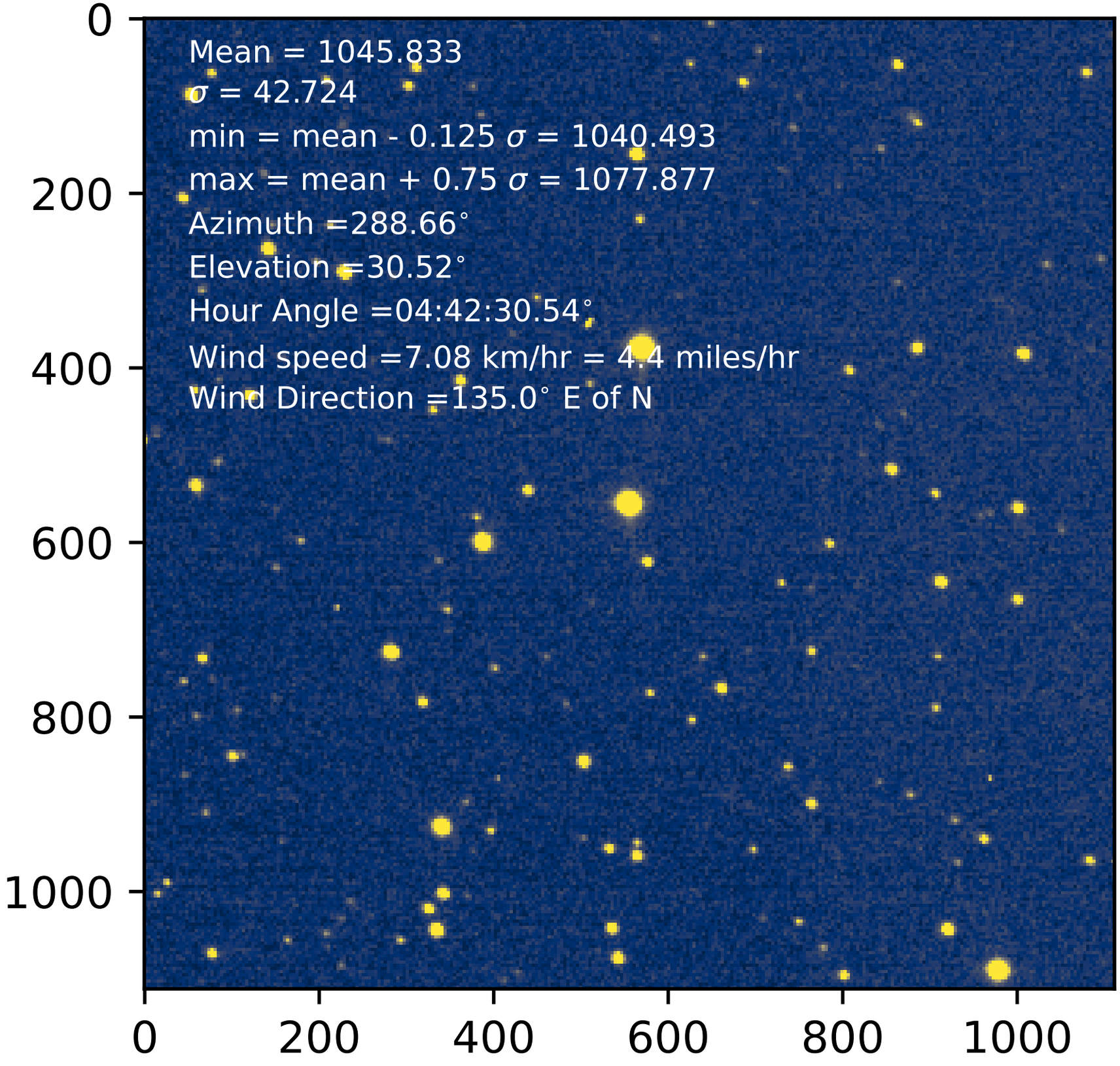

Mean = 1044.634
σ = 43.427
min = mean - 0.125 σ = 1039.205
max = mean + 0.75 σ = 1077.204
Azimuth =288.33°
Elevation =31.25°
Hour Angle =04:38:51.94°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

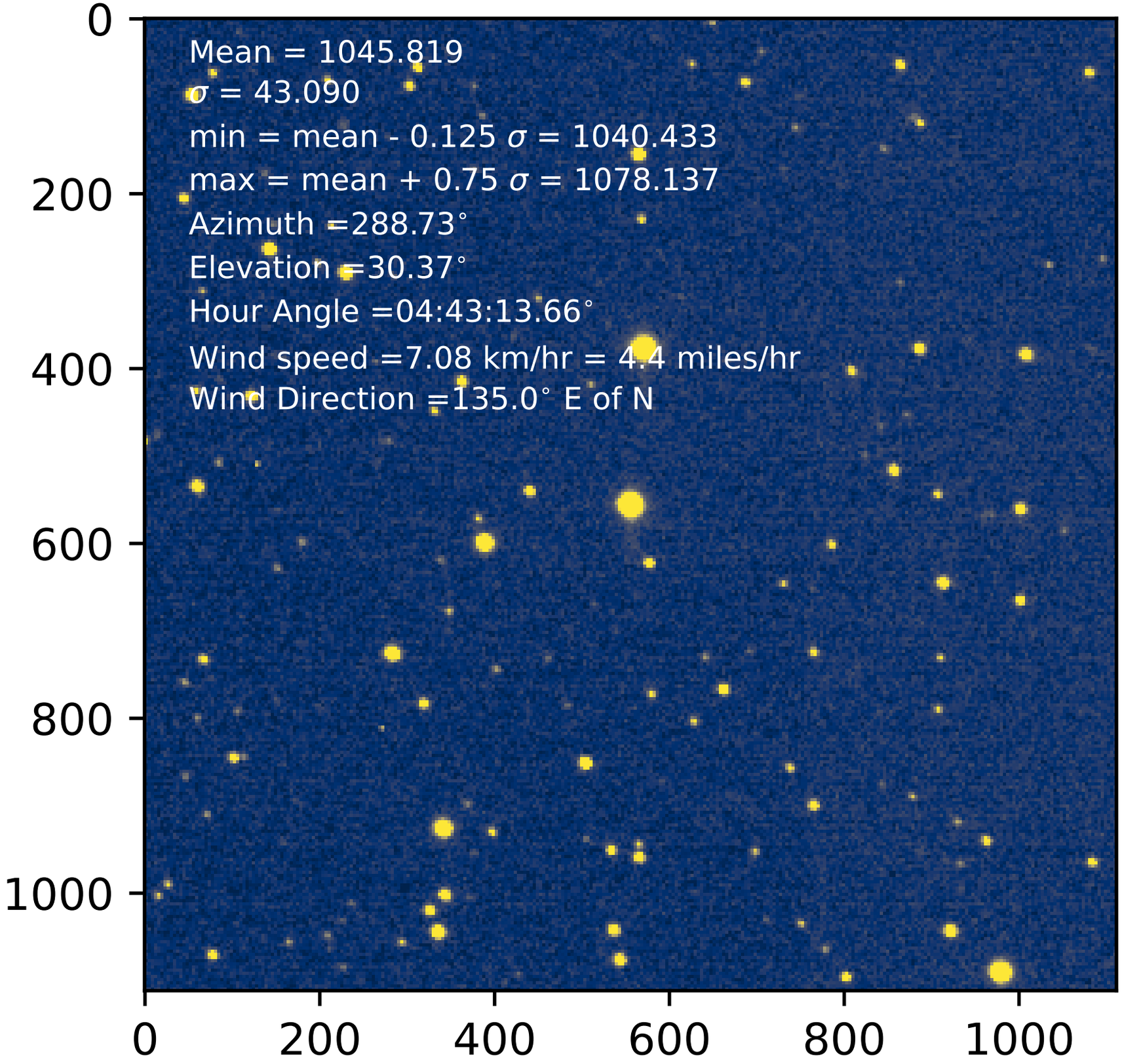

Mean = 1045.428
σ = 42.767
min = mean - 0.125 σ = 1040.082
max = mean + 0.75 σ = 1077.503
Azimuth =288.4°
Elevation =31.1°
Hour Angle =04:39:36.06°
Wind speed =9.01 km/hr = 5.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

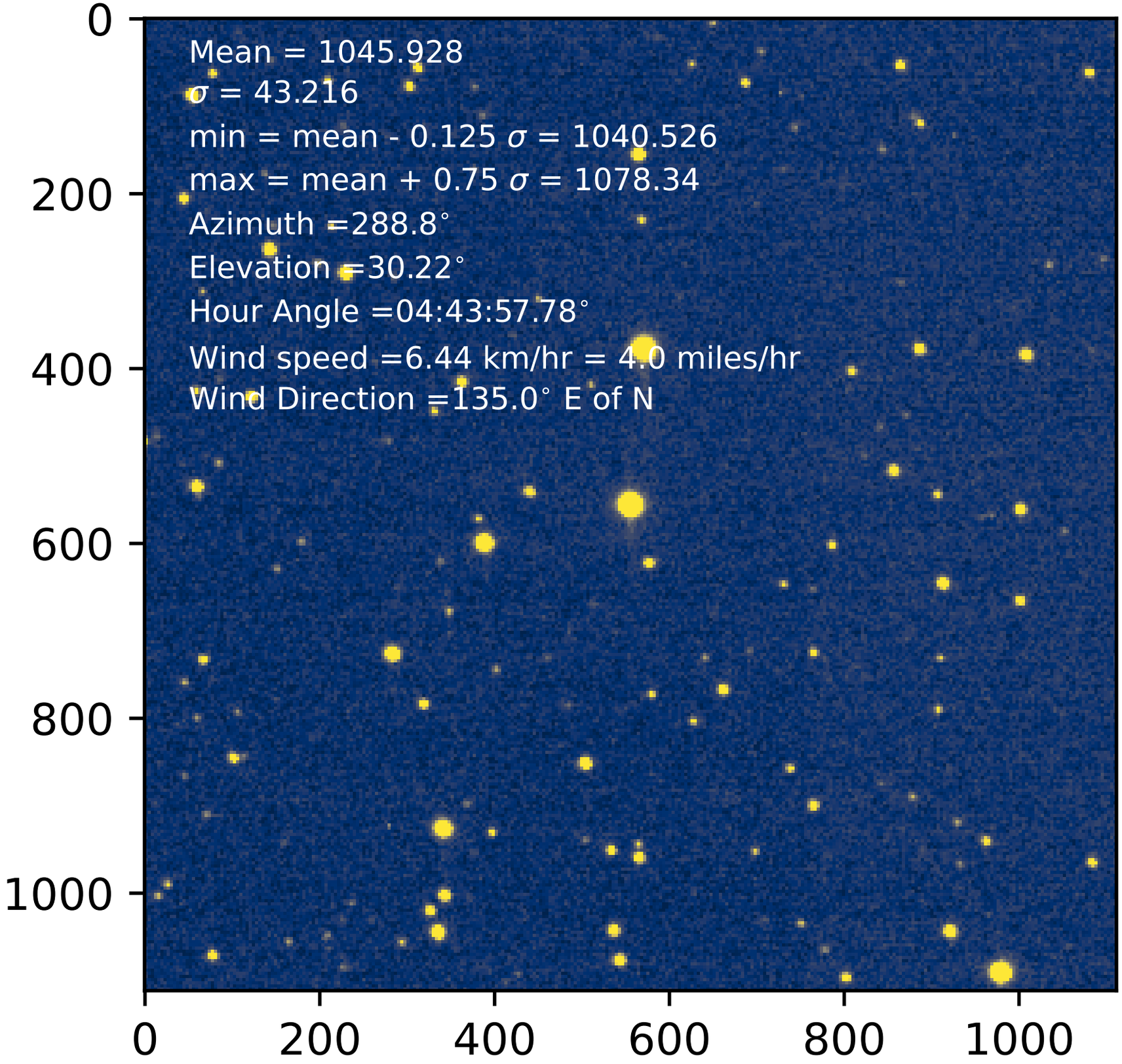

Mean = 1046.021
σ = 42.429
min = mean - 0.125 σ = 1040.718
max = mean + 0.75 σ = 1077.843
Azimuth =288.46°
Elevation =30.96°
Hour Angle =04:40:19.18°
Wind speed =8.69 km/hr = 5.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

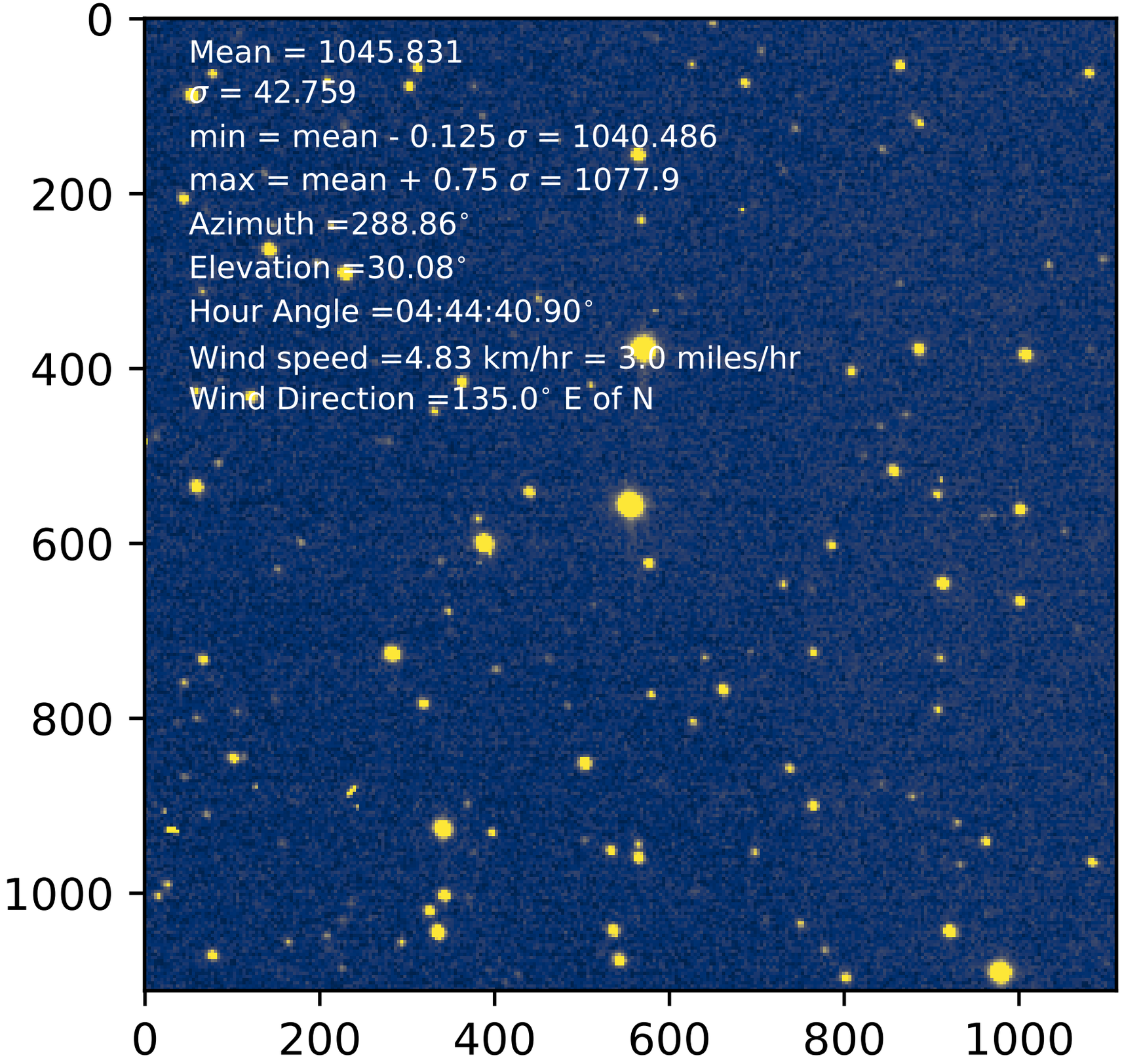

Mean = 1045.999
σ = 42.439
min = mean - 0.125 σ = 1040.694
max = mean + 0.75 σ = 1077.829
Azimuth =288.53°
Elevation =30.81°
Hour Angle =04:41:03.30°
Wind speed =8.69 km/hr = 5.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

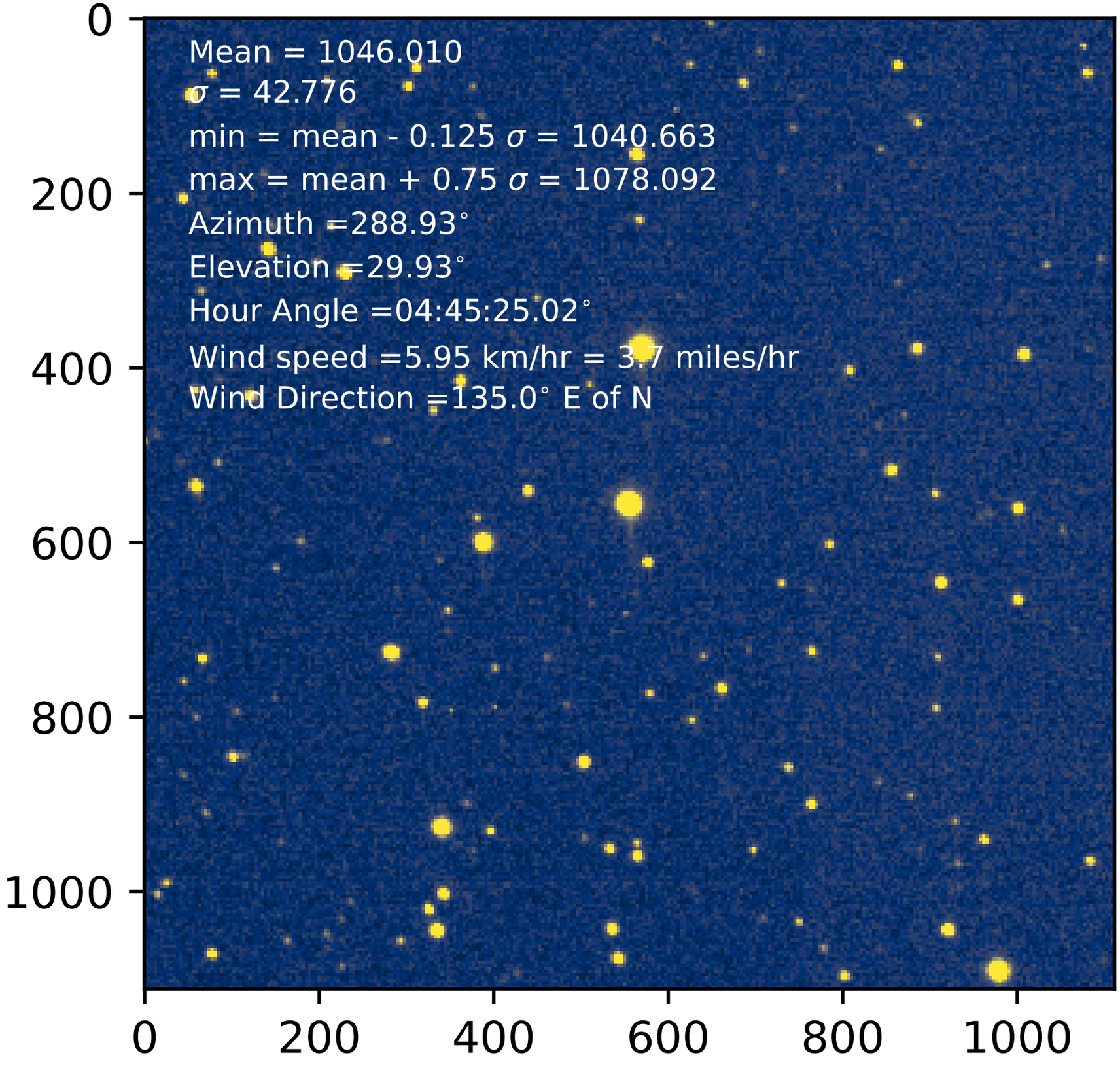

Mean = 1045.715
σ = 43.018
min = mean - 0.125 σ = 1040.338
max = mean + 0.75 σ = 1077.979
Azimuth =288.6°
Elevation =30.66°
Hour Angle =04:41:46.42°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

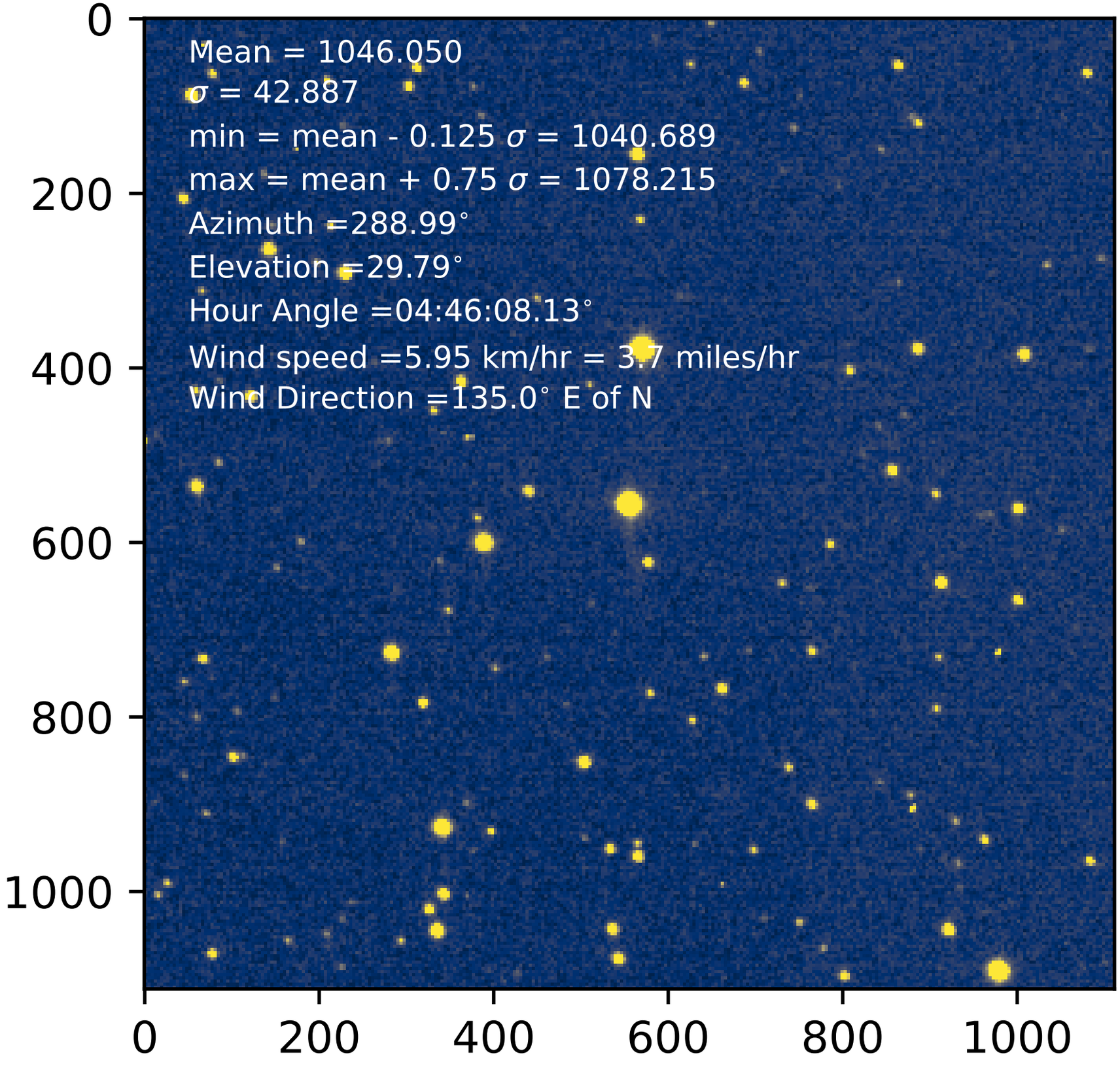

Mean = 1045.833
σ = 42.724
min = mean - 0.125 σ = 1040.493
max = mean + 0.75 σ = 1077.877
Azimuth =288.66°
Elevation =30.52°
Hour Angle =04:42:30.54°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

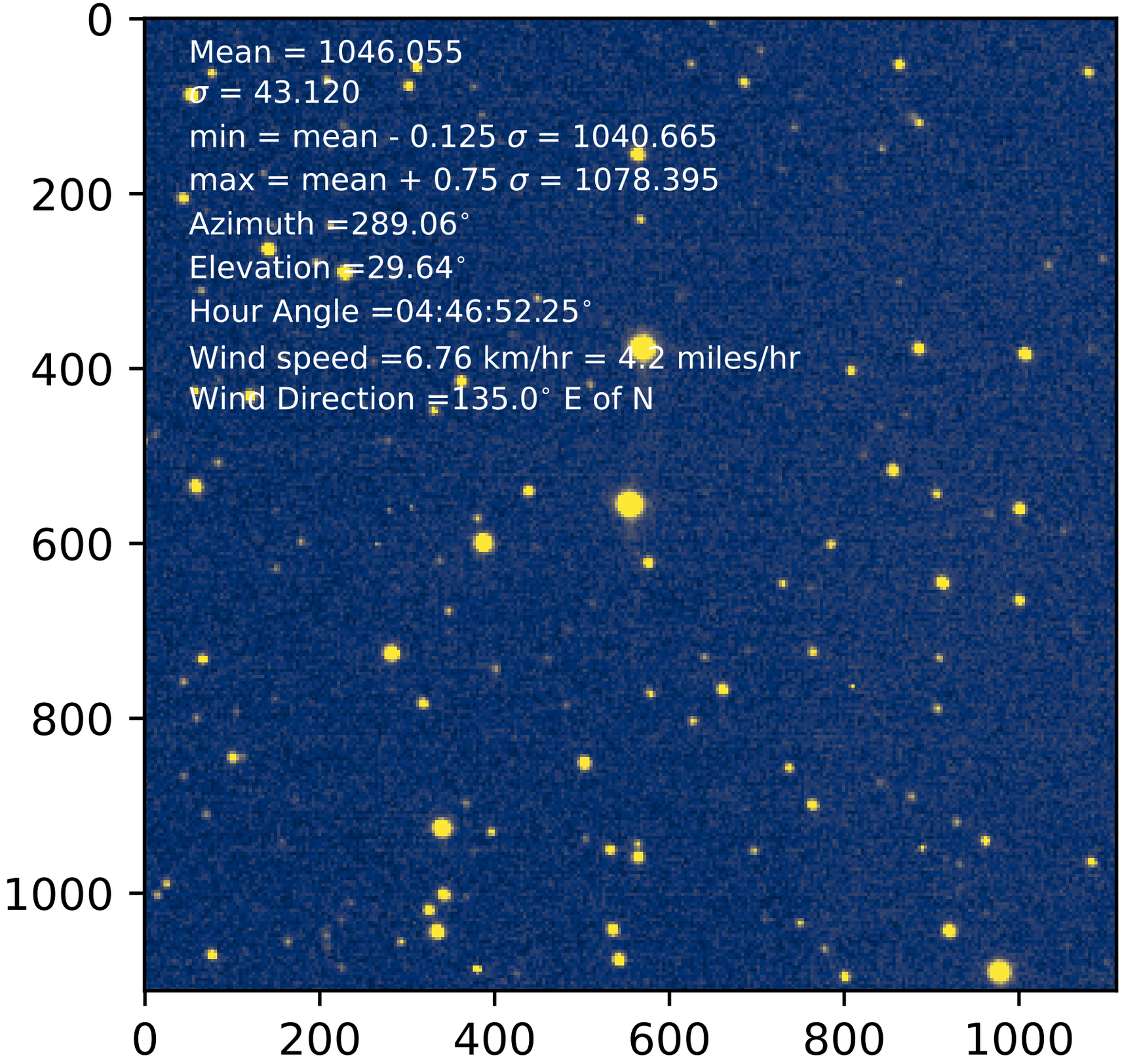

Mean = 1045.819
σ = 43.090
min = mean - 0.125 σ = 1040.433
max = mean + 0.75 σ = 1078.137
Azimuth =288.73°
Elevation =30.37°
Hour Angle =04:43:13.66°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

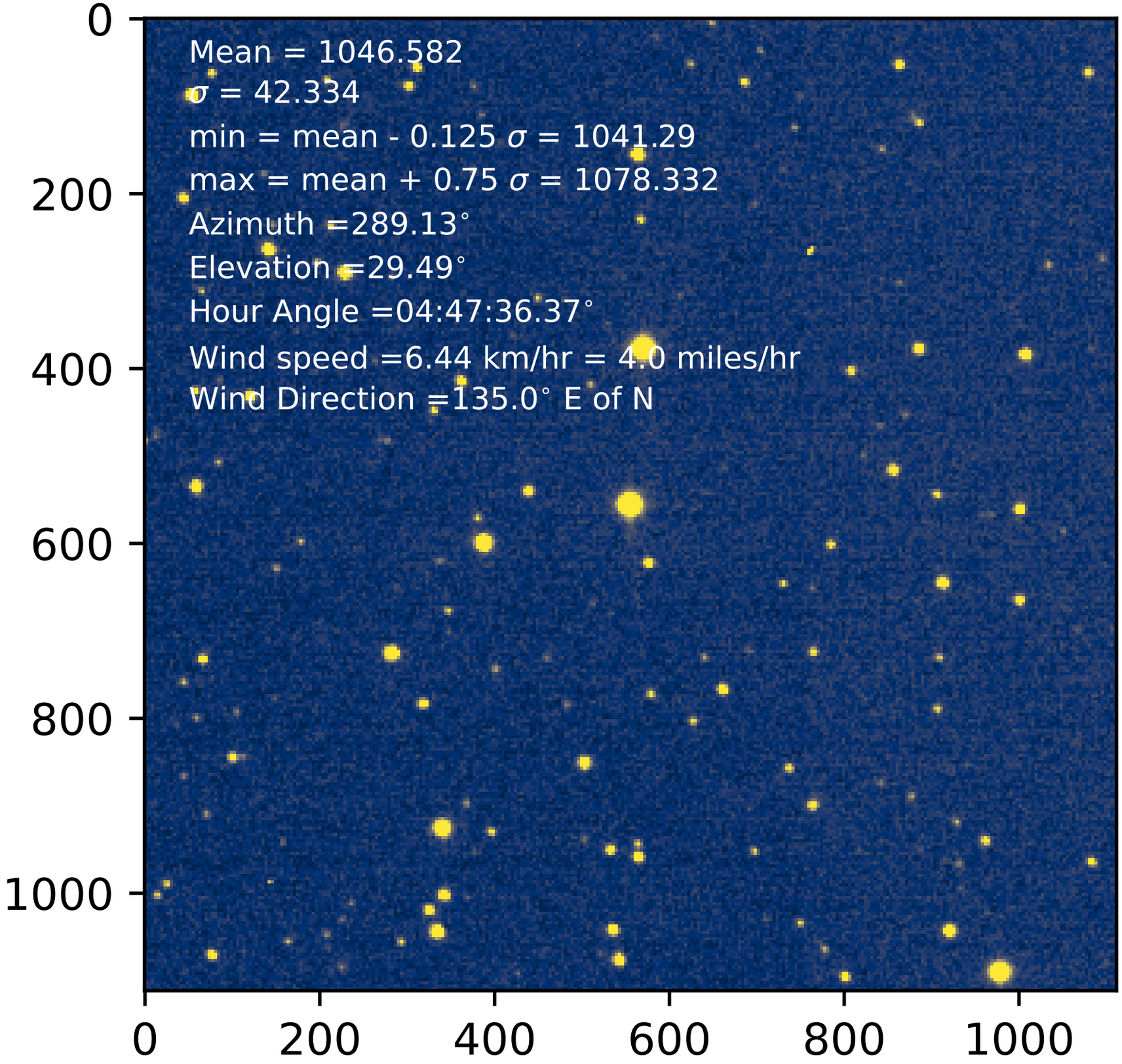

Mean = 1045.928
σ = 43.216
min = mean - 0.125 σ = 1040.526
max = mean + 0.75 σ = 1078.34
Azimuth =288.8°
Elevation =30.22°
Hour Angle =04:43:57.78°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

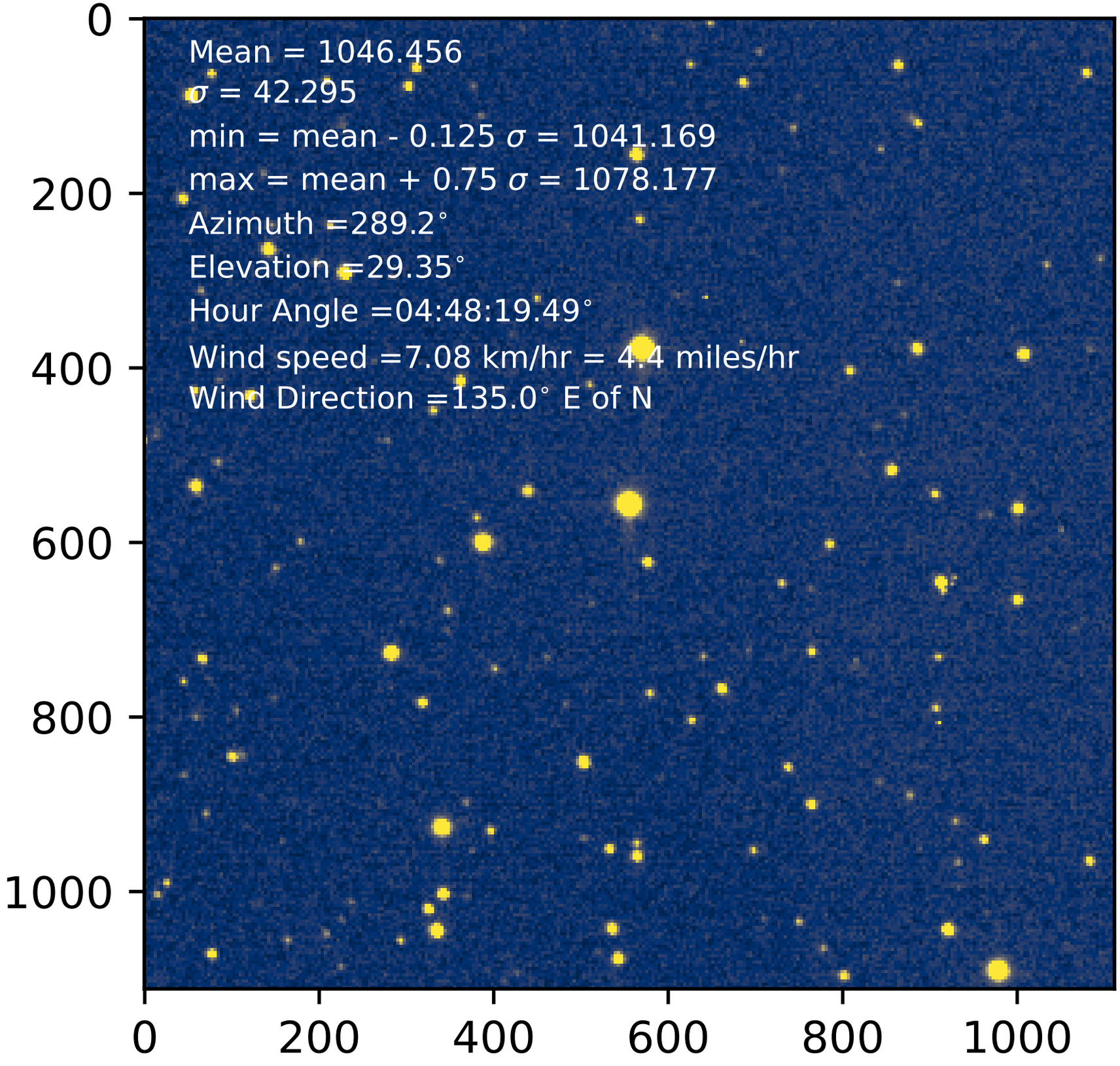

Mean = 1045.831
σ = 42.759
min = mean - 0.125 σ = 1040.486
max = mean + 0.75 σ = 1077.9
Azimuth =288.86°
Elevation =30.08°
Hour Angle =04:44:40.90°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

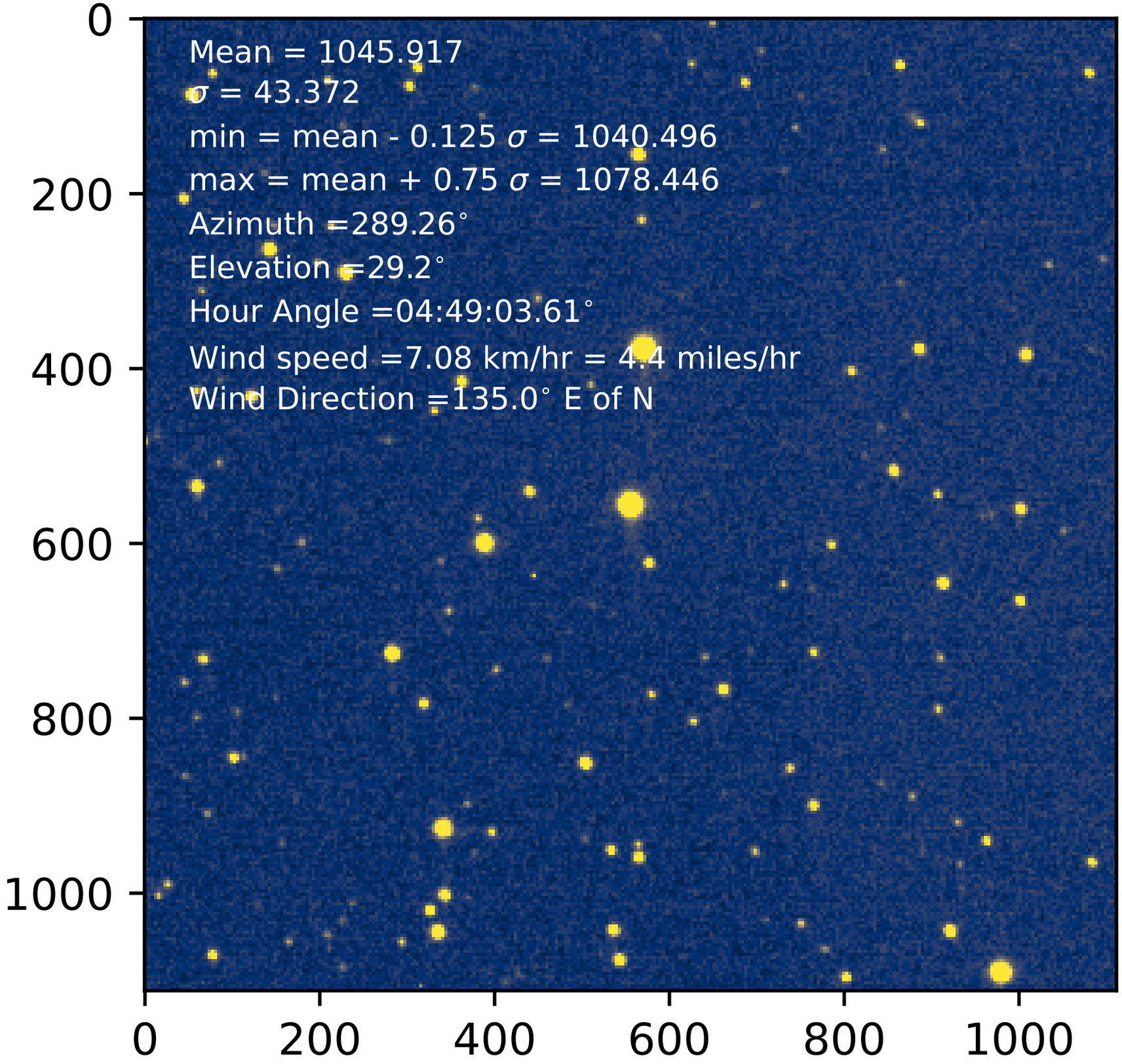

Mean = 1046.010
σ = 42.776
min = mean - 0.125 σ = 1040.663
max = mean + 0.75 σ = 1078.092
Azimuth =288.93°
Elevation =29.93°
Hour Angle =04:45:25.02°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

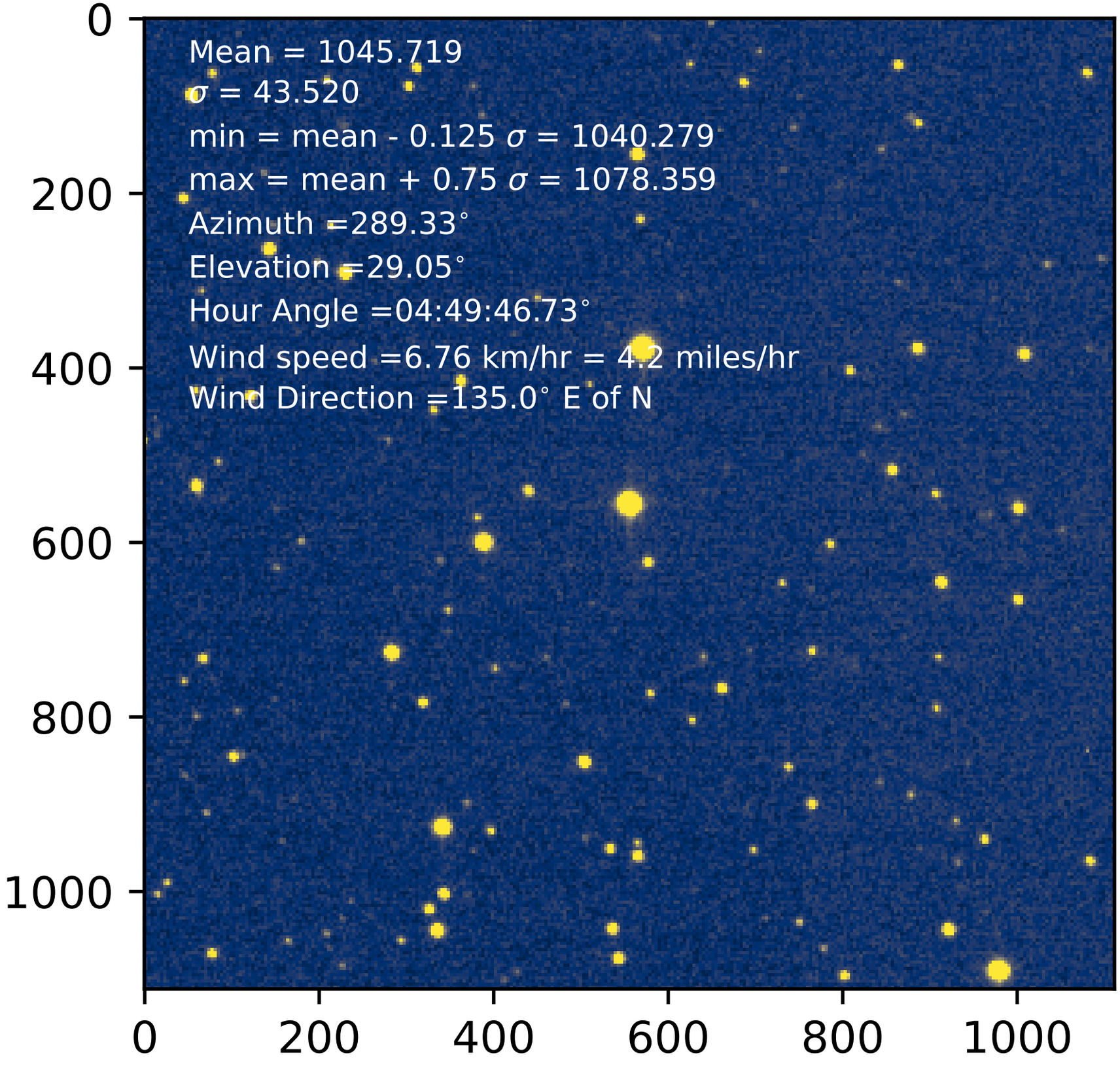

Mean = 1046.050
σ = 42.887
min = mean - 0.125 σ = 1040.689
max = mean + 0.75 σ = 1078.215
Azimuth =288.99°
Elevation =29.79°
Hour Angle =04:46:08.13°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

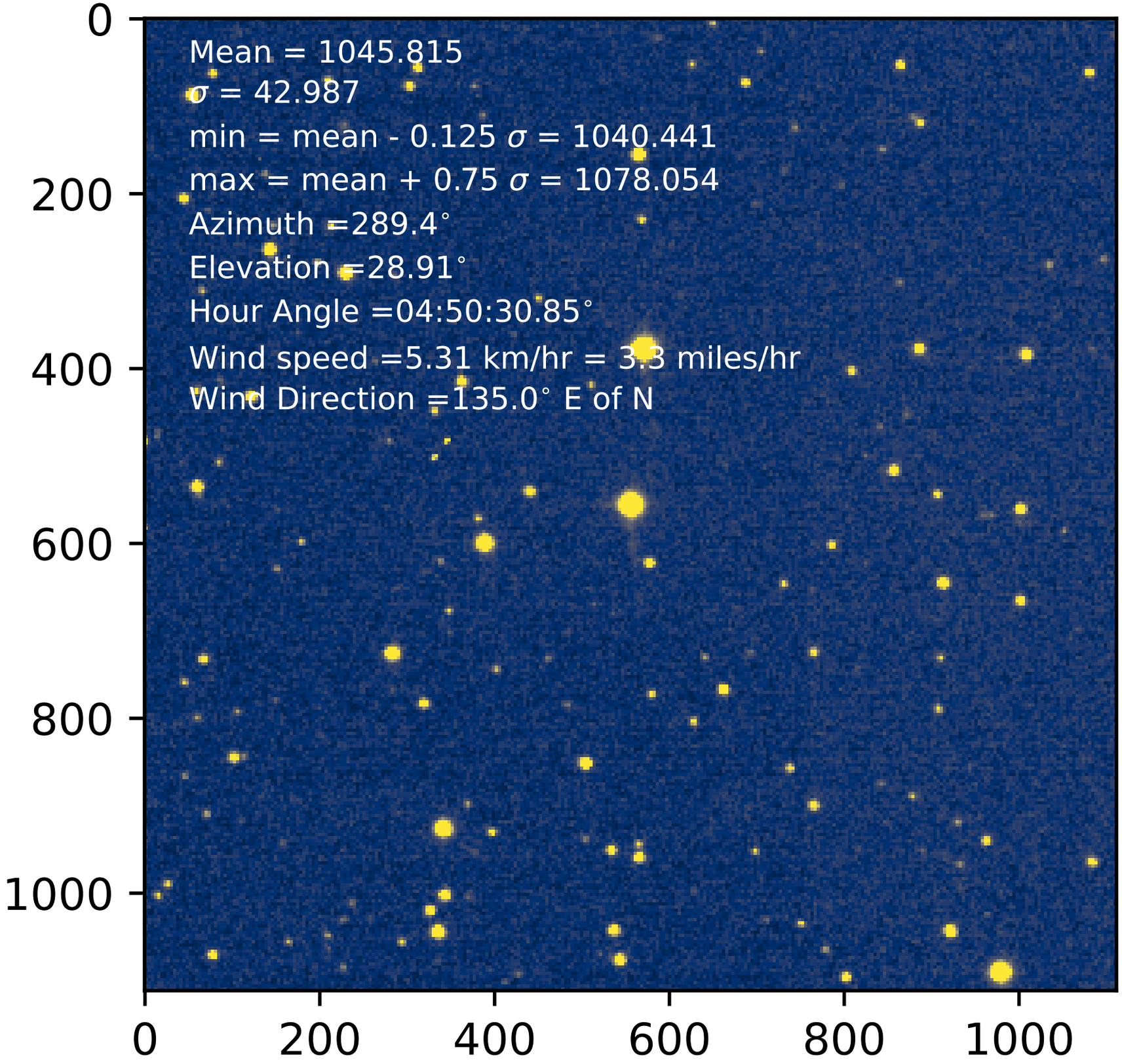

Mean = 1046.055
σ = 43.120
min = mean - 0.125 σ = 1040.665
max = mean + 0.75 σ = 1078.395
Azimuth =289.06°
Elevation =29.64°
Hour Angle =04:46:52.25°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

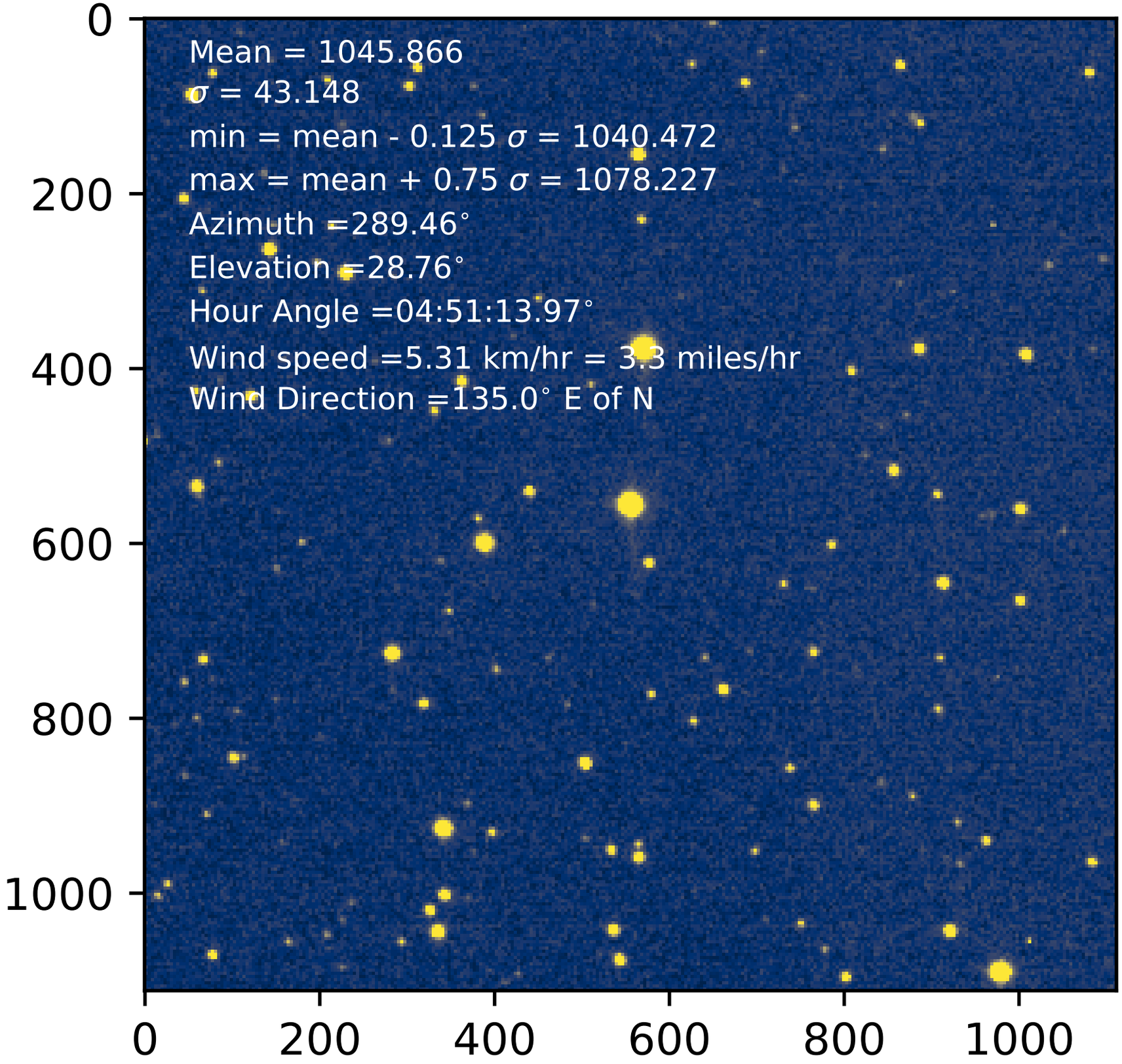

Mean = 1046.582
σ = 42.334
min = mean - 0.125 σ = 1041.29
max = mean + 0.75 σ = 1078.332
Azimuth =289.13°
Elevation =29.49°
Hour Angle =04:47:36.37°
Wind speed =6.44 km/hr = 4.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

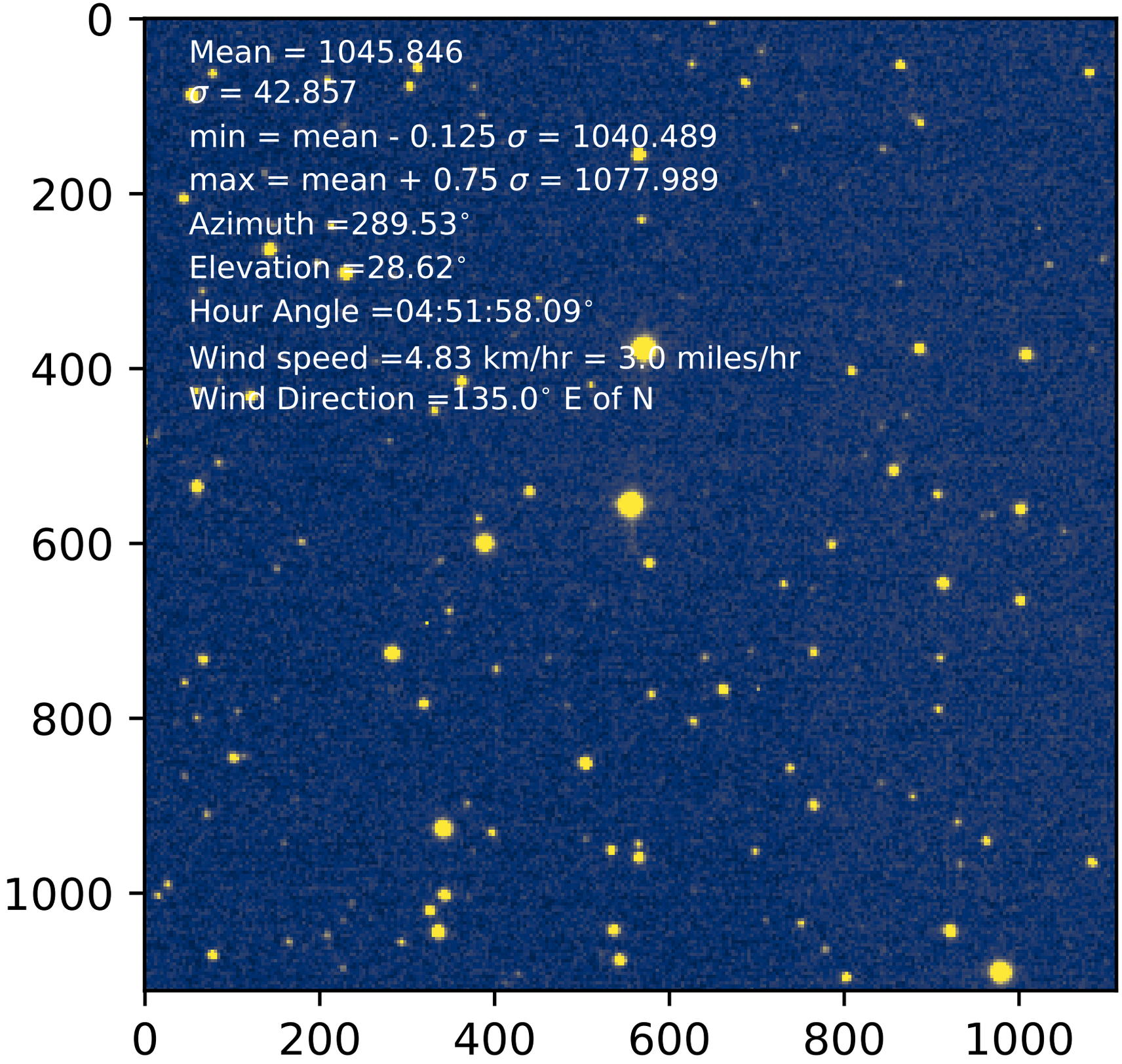

Mean = 1046.456
σ = 42.295
min = mean - 0.125 σ = 1041.169
max = mean + 0.75 σ = 1078.177
Azimuth =289.2°
Elevation =29.35°
Hour Angle =04:48:19.49°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

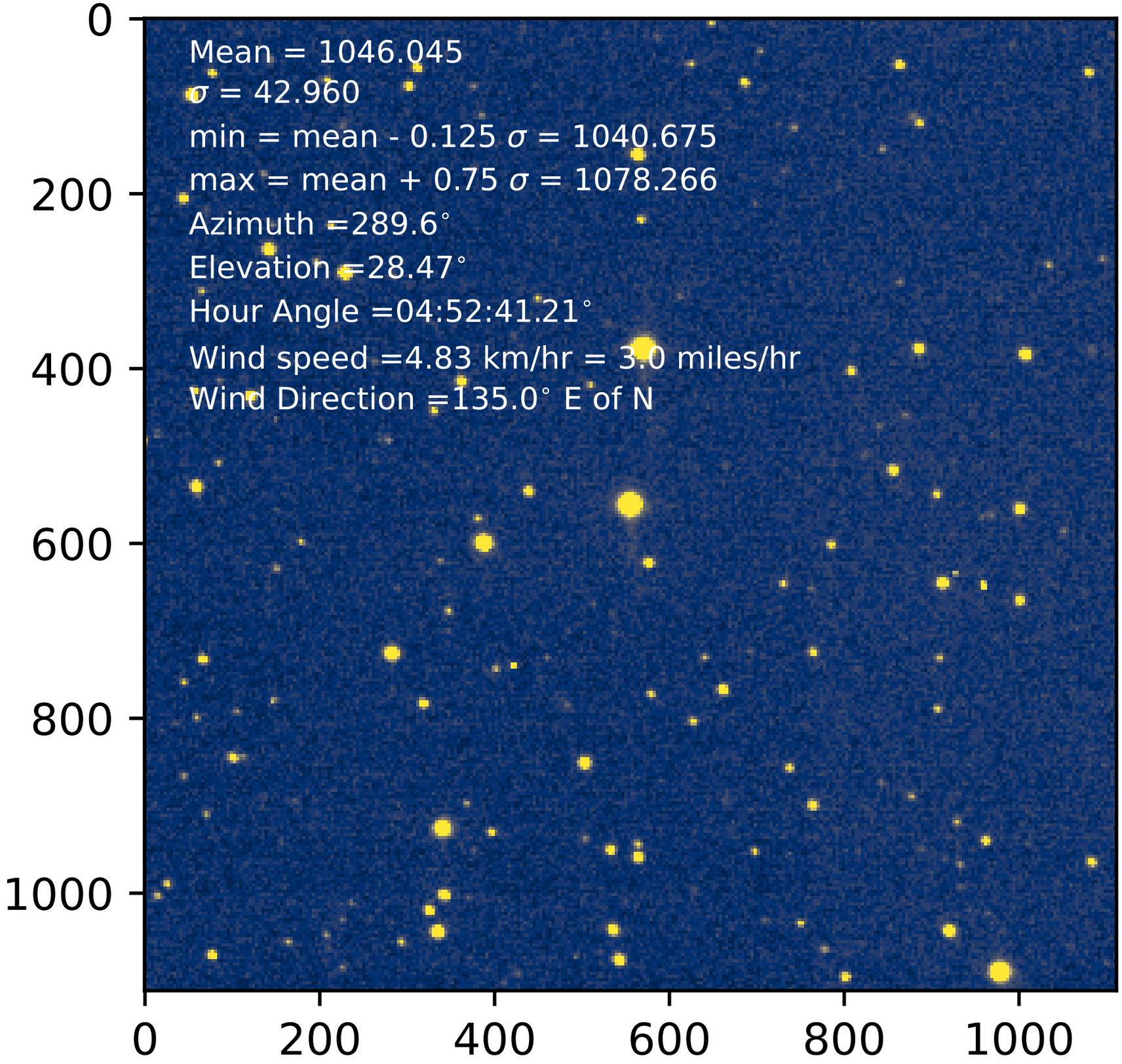

Mean = 1045.917
σ = 43.372
min = mean - 0.125 σ = 1040.496
max = mean + 0.75 σ = 1078.446
Azimuth =289.26°
Elevation =29.2°
Hour Angle =04:49:03.61°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

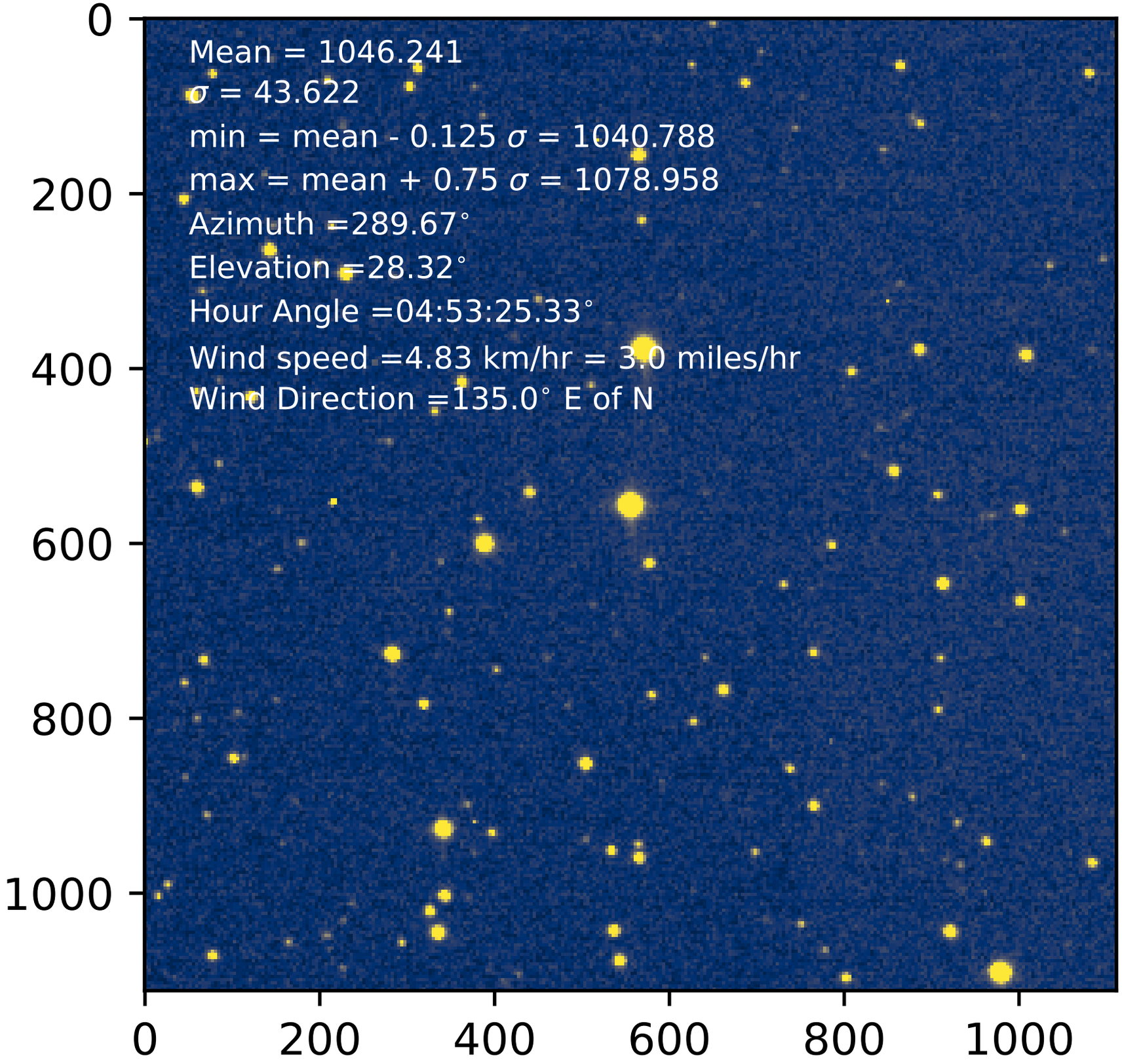

Mean = 1045.719
σ = 43.520
min = mean - 0.125 σ = 1040.279
max = mean + 0.75 σ = 1078.359
Azimuth =289.33°
Elevation =29.05°
Hour Angle =04:49:46.73°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

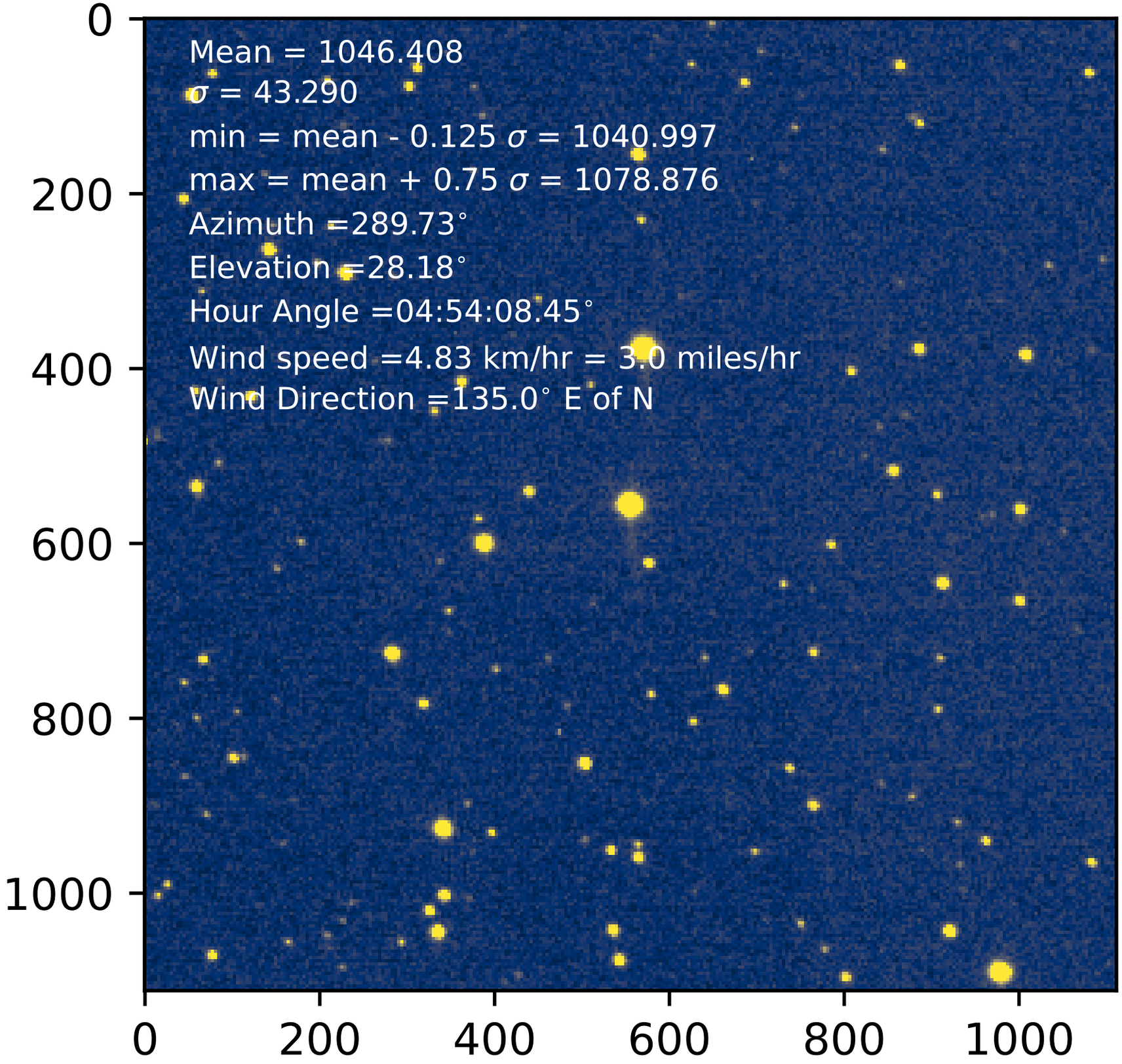

Mean = 1045.815
σ = 42.987
min = mean - 0.125 σ = 1040.441
max = mean + 0.75 σ = 1078.054
Azimuth =289.4°
Elevation =28.91°
Hour Angle =04:50:30.85°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

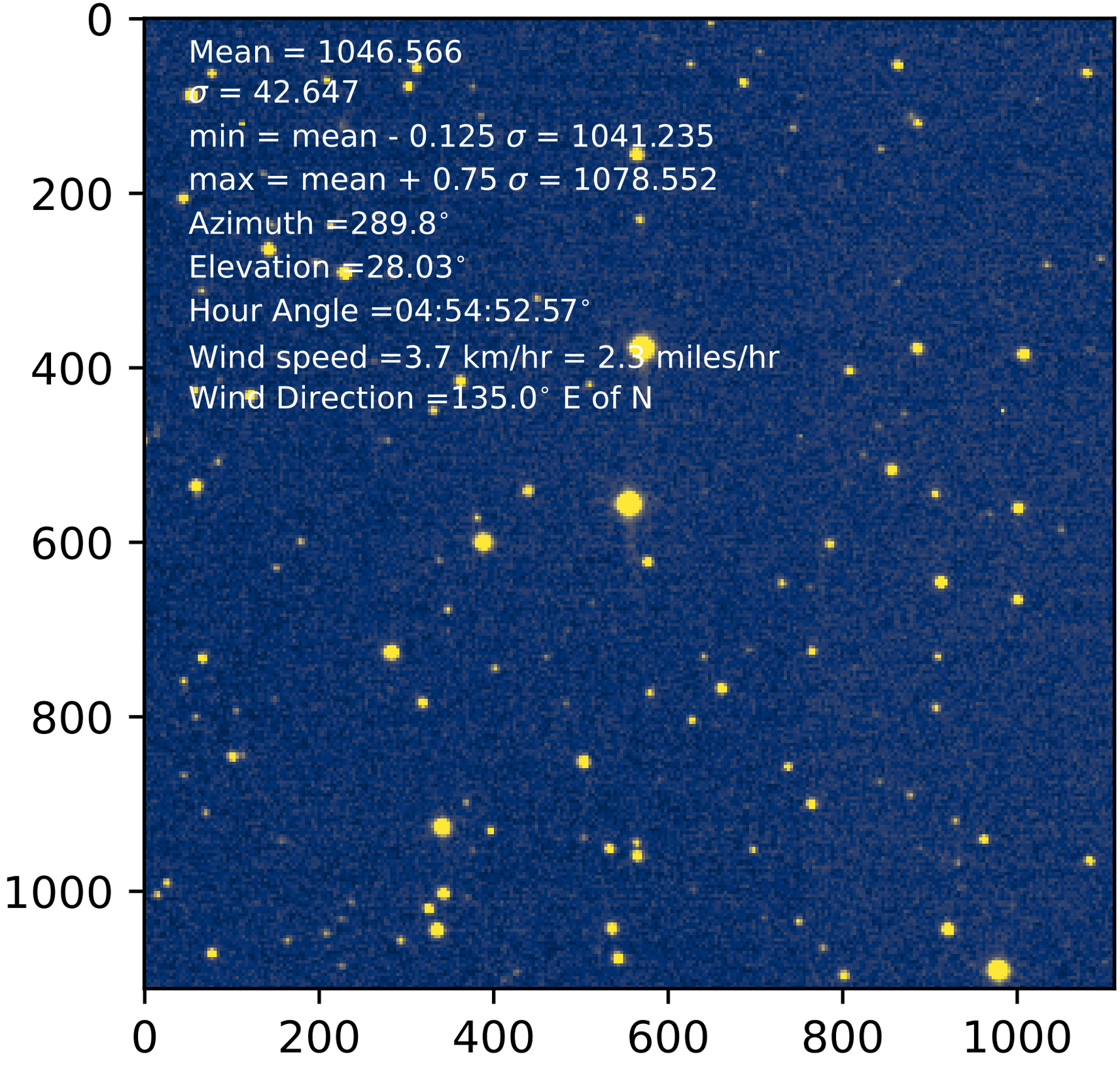

Mean = 1045.866
σ = 43.148
min = mean - 0.125 σ = 1040.472
max = mean + 0.75 σ = 1078.227
Azimuth =289.46°
Elevation =28.76°
Hour Angle =04:51:13.97°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1045.846
σ = 42.857
min = mean - 0.125 σ = 1040.489
max = mean + 0.75 σ = 1077.989
Azimuth =289.53°
Elevation =28.62°
Hour Angle =04:51:58.09°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1046.045
σ = 42.960
min = mean - 0.125 σ = 1040.675
max = mean + 0.75 σ = 1078.266
Azimuth =289.6°
Elevation =28.47°
Hour Angle =04:52:41.21°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1046.241
σ = 43.622
min = mean - 0.125 σ = 1040.788
max = mean + 0.75 σ = 1078.958
Azimuth =289.67°
Elevation =28.32°
Hour Angle =04:53:25.33°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1046.408
σ = 43.290
min = mean - 0.125 σ = 1040.997
max = mean + 0.75 σ = 1078.876
Azimuth =289.73°
Elevation =28.18°
Hour Angle =04:54:08.45°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1046.566
σ = 42.647
min = mean - 0.125 σ = 1041.235
max = mean + 0.75 σ = 1078.552
Azimuth =289.8°
Elevation =28.03°
Hour Angle =04:54:52.57°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
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0
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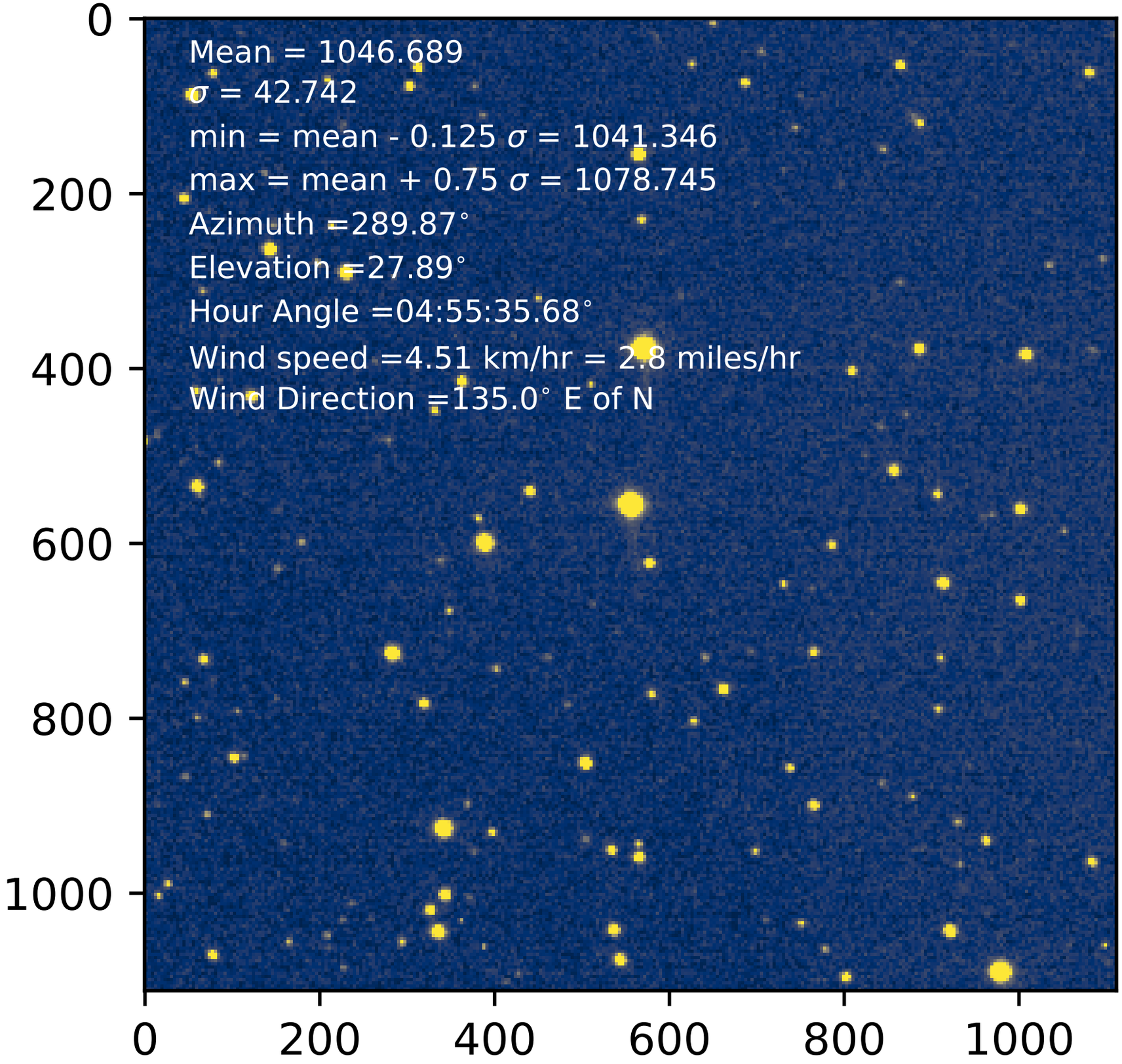
400
600
800
1000


Mean = 1046.689
σ = 42.742
min = mean - 0.125 σ = 1041.346
max = mean + 0.75 σ = 1078.745
Azimuth =289.87°
Elevation =27.89°
Hour Angle =04:55:35.68°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
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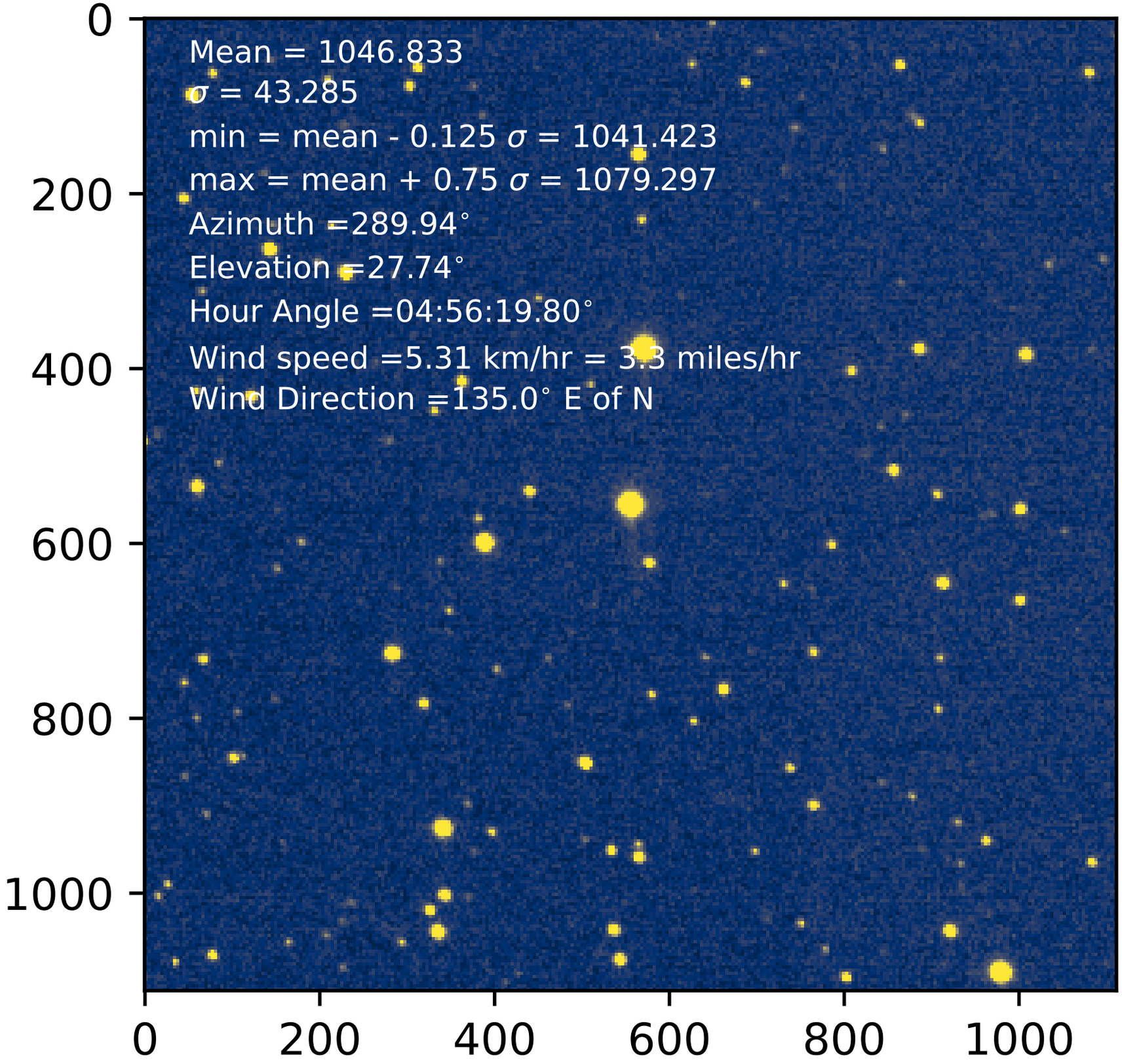
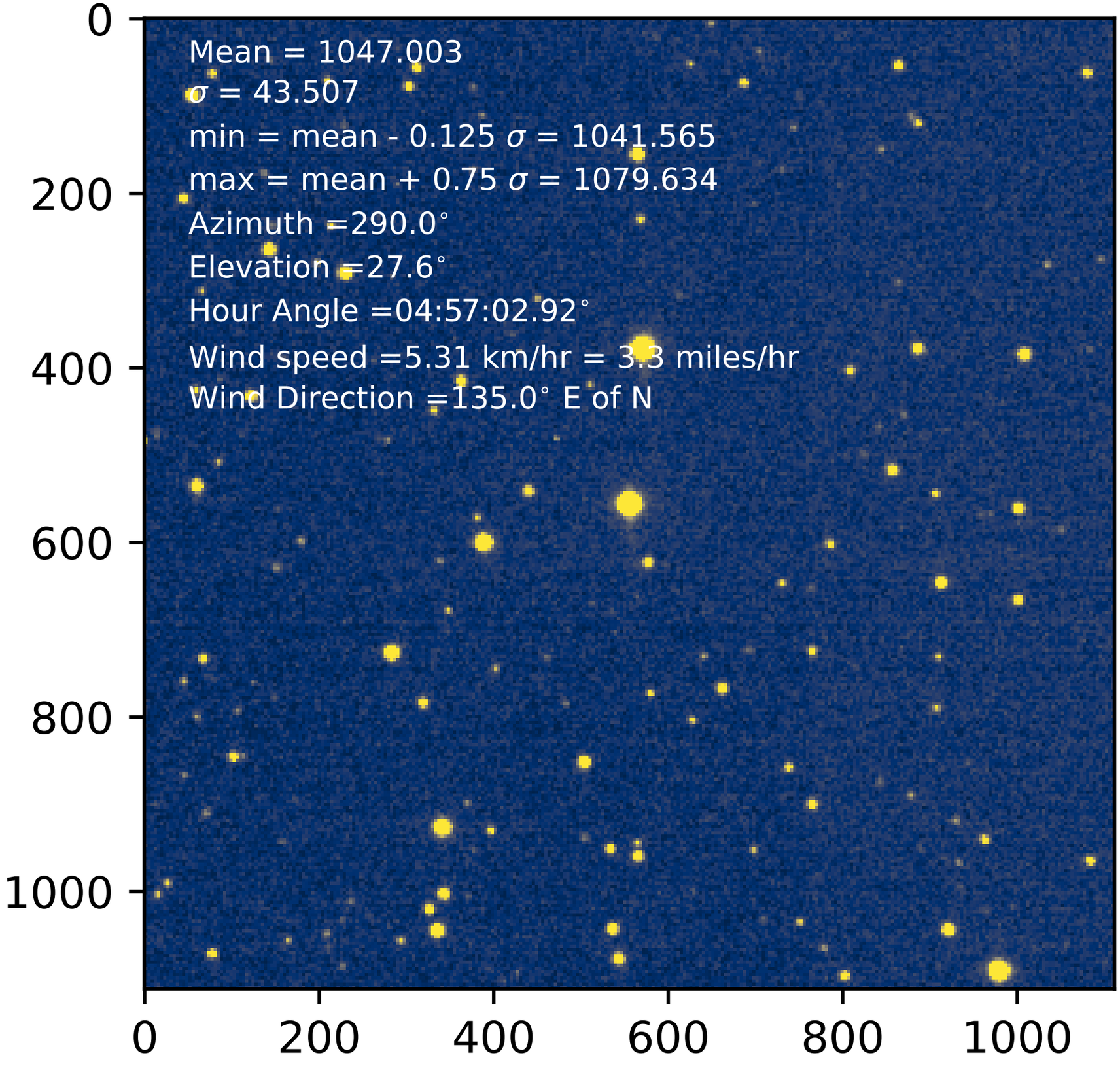

Mean = 1046.833
σ = 43.285
min = mean - 0.125 σ = 1041.423
max = mean + 0.75 σ = 1079.297
Azimuth =289.94°
Elevation =27.74°
Hour Angle =04:56:19.80°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1047.003
σ = 43.507
min = mean - 0.125 σ = 1041.565
max = mean + 0.75 σ = 1079.634
Azimuth =290.0°
Elevation =27.6°
Hour Angle =04:57:02.92°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
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400
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800
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0
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400
600
800
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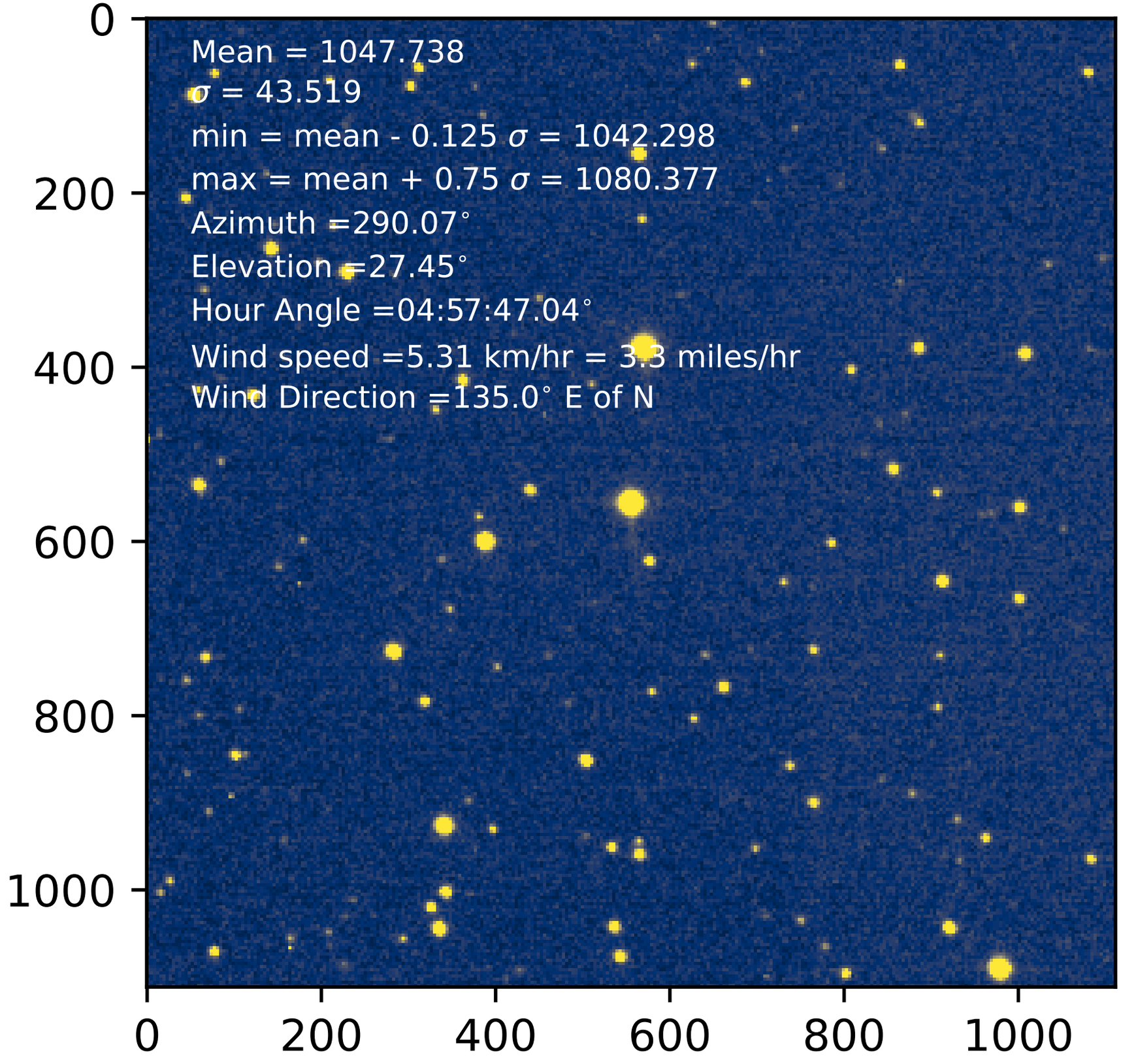
Mean = 1047.738
σ = 43.519
min = mean - 0.125 σ = 1042.298
max = mean + 0.75 σ = 1080.377
Azimuth =290.07°
Elevation =27.45°
Hour Angle =04:57:47.04°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
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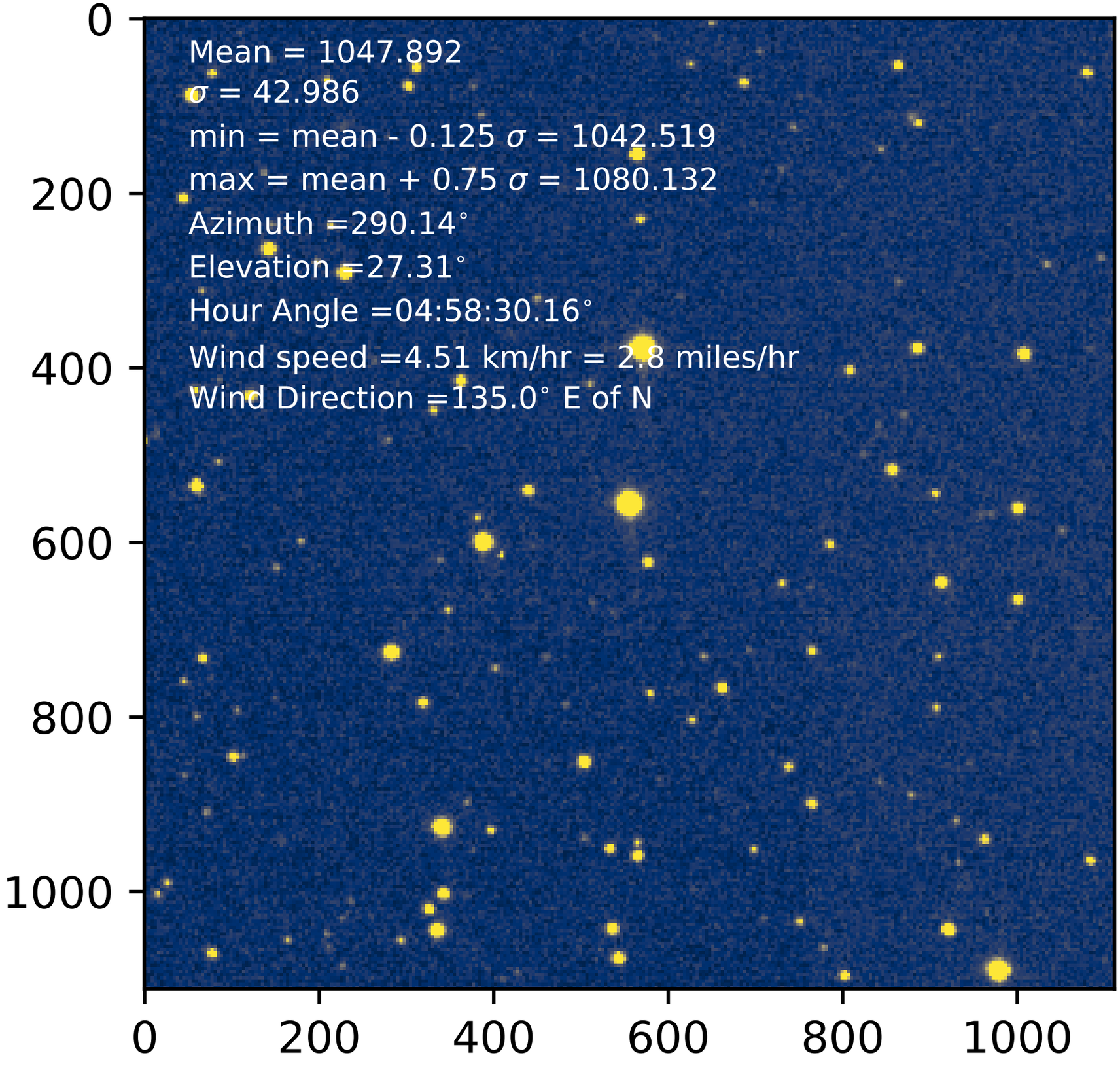
800
1000


Mean = 1047.892
σ = 42.986
min = mean - 0.125 σ = 1042.519
max = mean + 0.75 σ = 1080.132
Azimuth =290.14°
Elevation =27.31°
Hour Angle =04:58:30.16°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
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400
600
800
1000
0
200
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600
800
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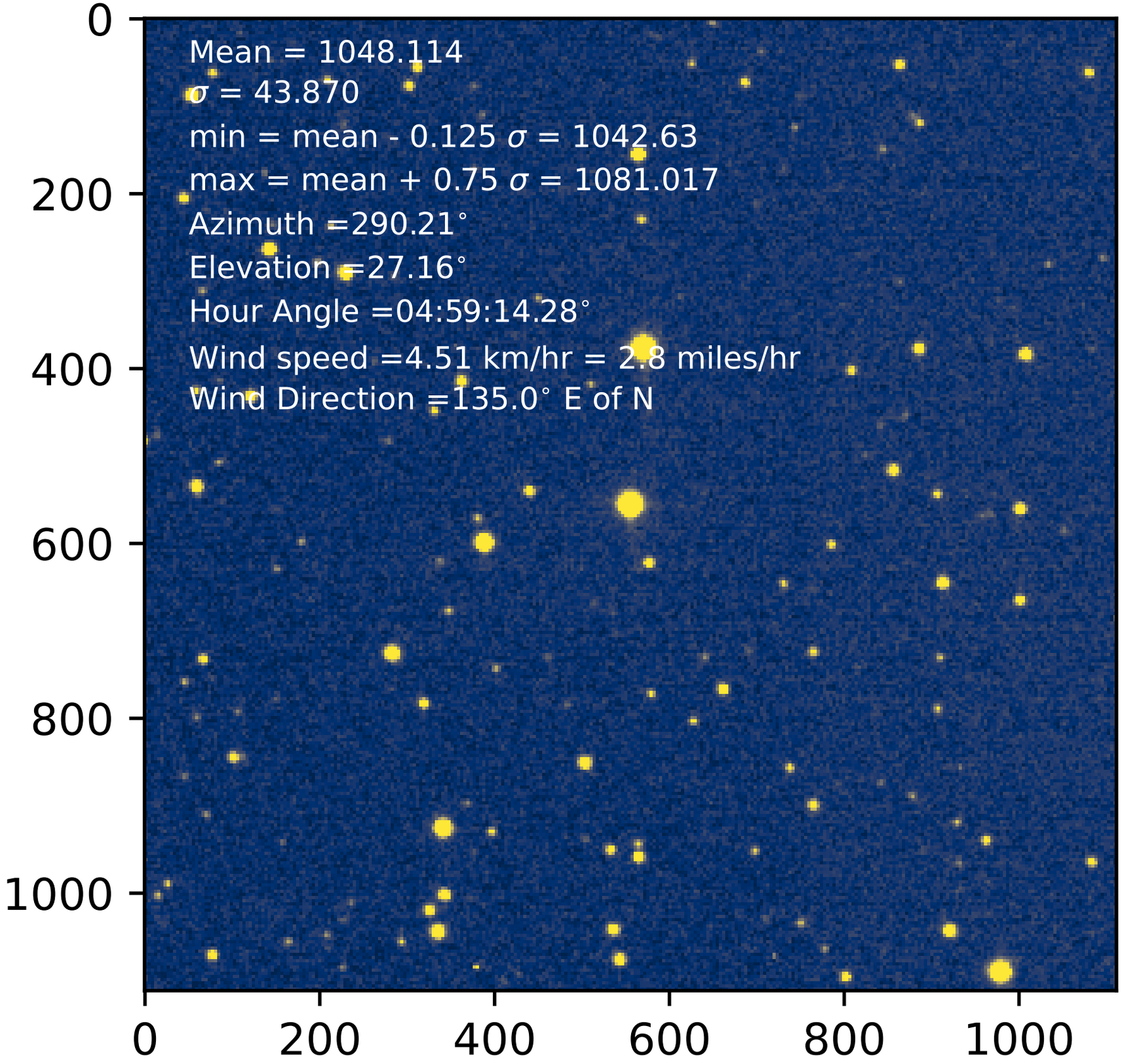
Mean = 1048.114
σ = 43.870
min = mean - 0.125 σ = 1042.63
max = mean + 0.75 σ = 1081.017
Azimuth =290.21°
Elevation =27.16°
Hour Angle =04:59:14.28°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
200
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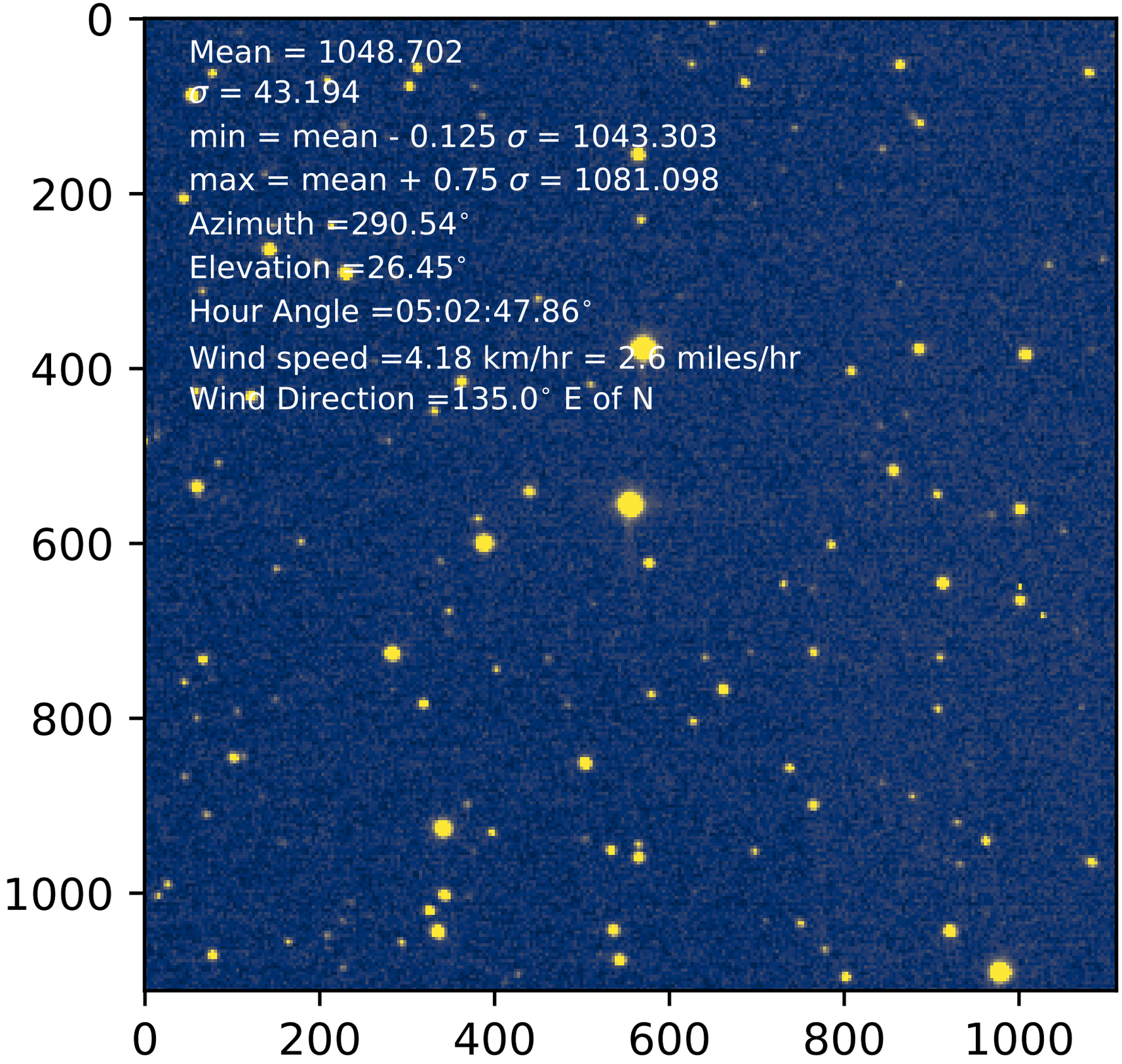
1000


Mean = 1048.702
σ = 43.194
min = mean - 0.125 σ = 1043.303
max = mean + 0.75 σ = 1081.098
Azimuth =290.54°
Elevation =26.45°
Hour Angle =05:02:47.86°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
200
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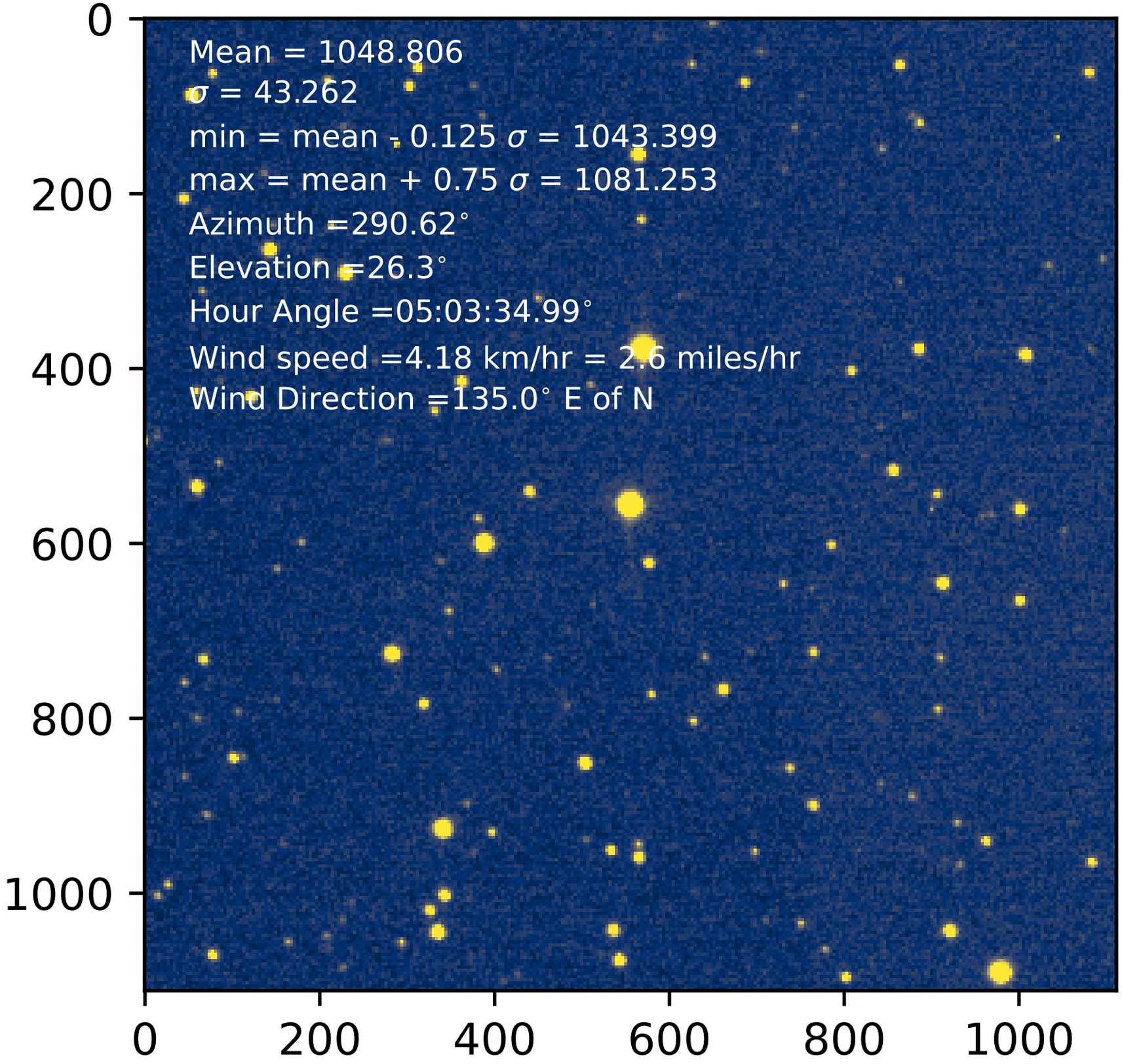
1000


Mean = 1048.806
σ = 43.262
min = mean - 0.125 σ = 1043.399
max = mean + 0.75 σ = 1081.253
Azimuth =290.62°
Elevation =26.3°
Hour Angle =05:03:34.99°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
200
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600
800
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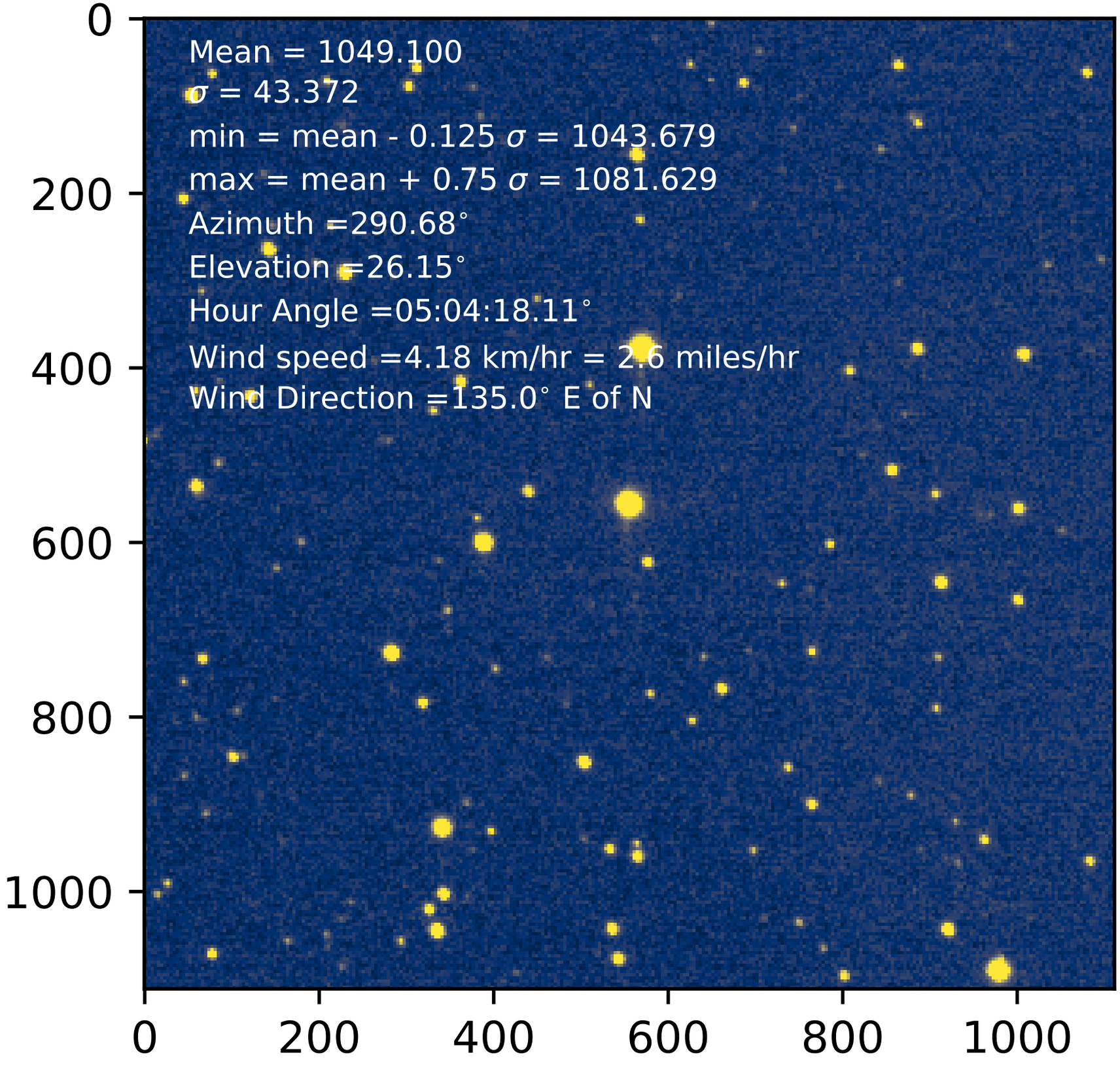
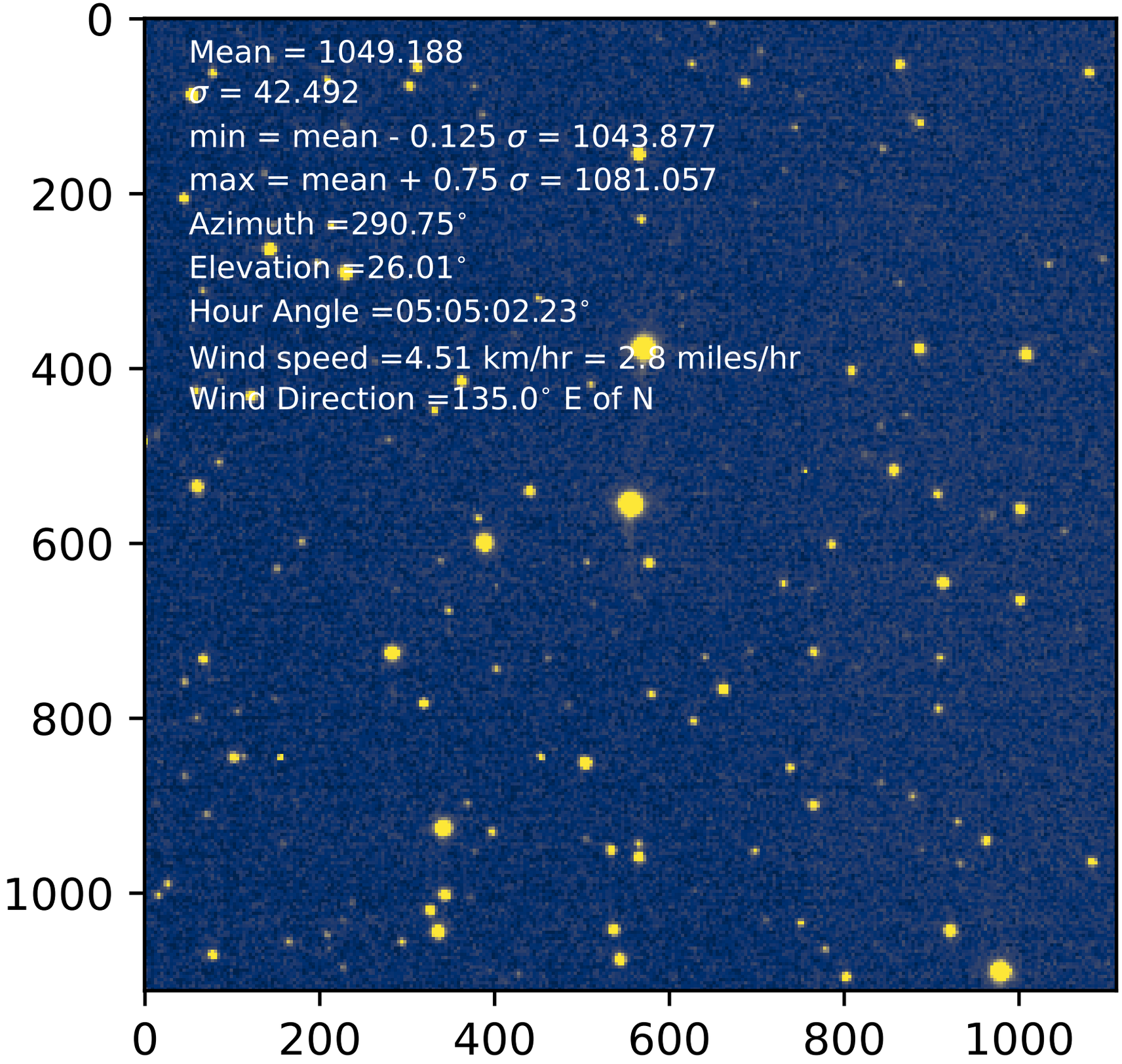

Mean = 1049.100
σ = 43.372
min = mean - 0.125 σ = 1043.679
max = mean + 0.75 σ = 1081.629
Azimuth =290.68°
Elevation =26.15°
Hour Angle =05:04:18.11°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =135.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1049.188
σ = 42.492
min = mean - 0.125 σ = 1043.877
max = mean + 0.75 σ = 1081.057
Azimuth =290.75°
Elevation =26.01°
Hour Angle =05:05:02.23°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
200
400
600
800
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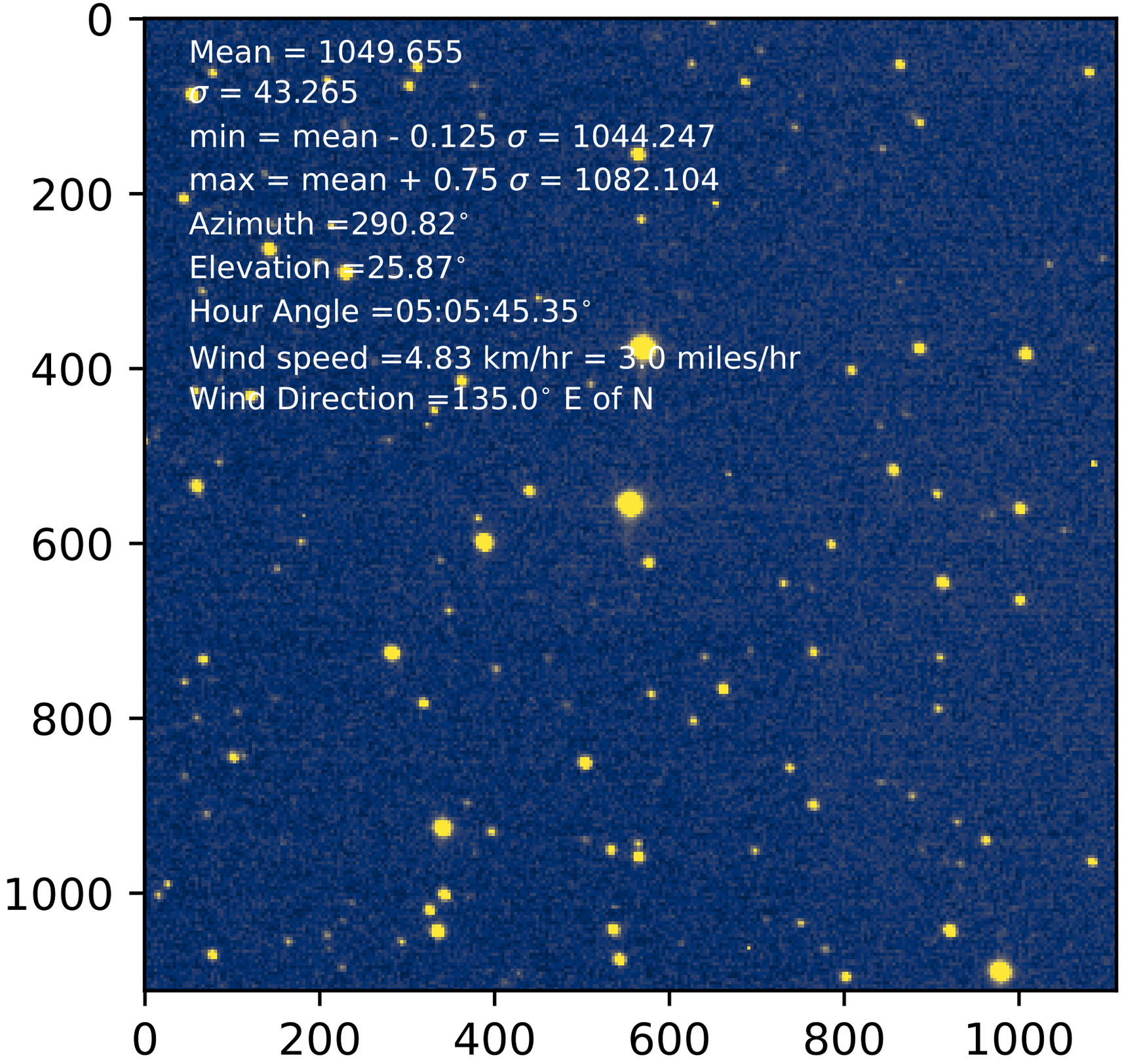
Mean = 1049.655
σ = 43.265
min = mean - 0.125 σ = 1044.247
max = mean + 0.75 σ = 1082.104
Azimuth =290.82°
Elevation =25.87°
Hour Angle =05:05:45.35°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
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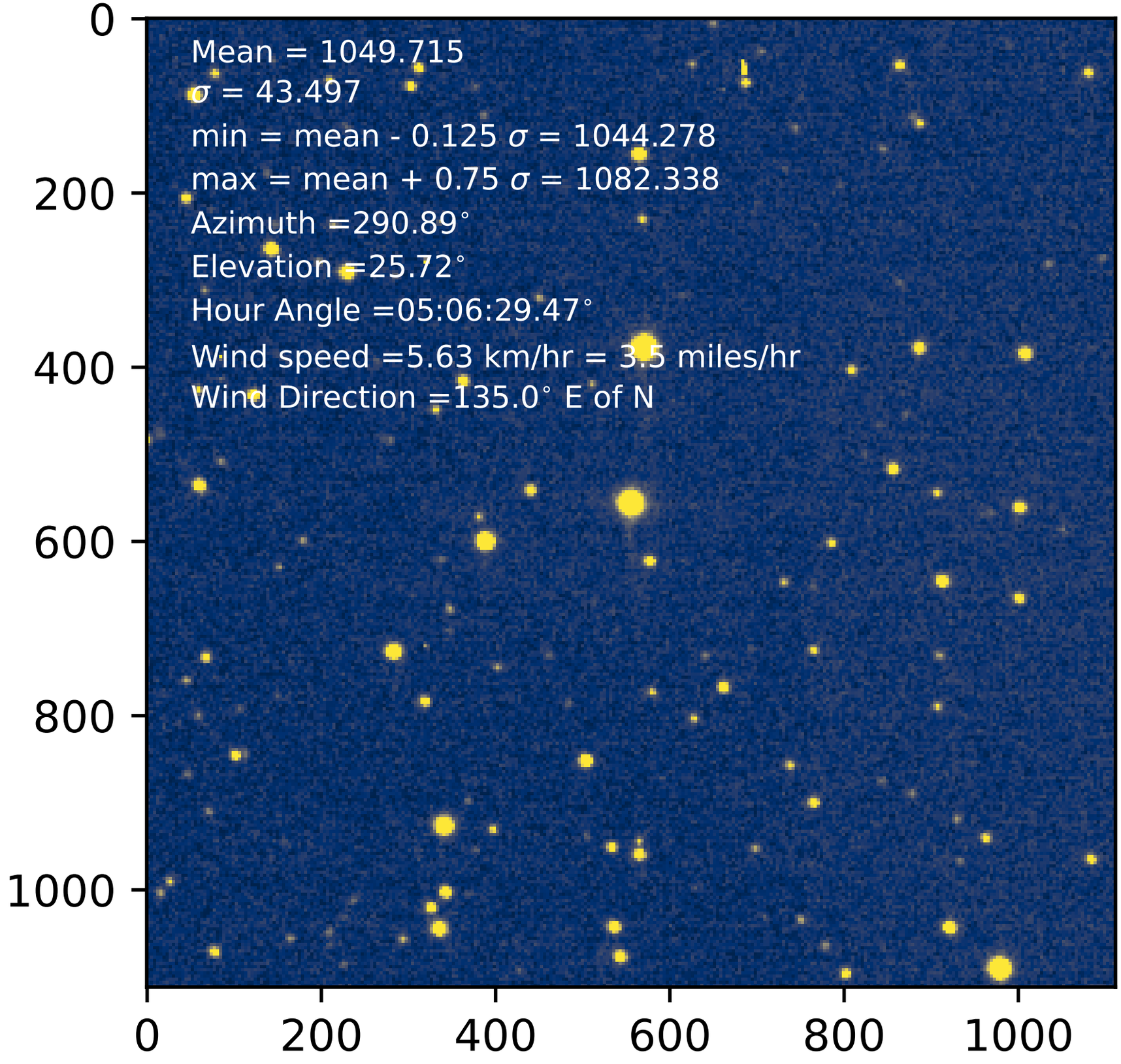
Mean = 1049.715
σ = 43.497
min = mean - 0.125 σ = 1044.278
max = mean + 0.75 σ = 1082.338
Azimuth =290.89°
Elevation =25.72°
Hour Angle =05:06:29.47°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
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200
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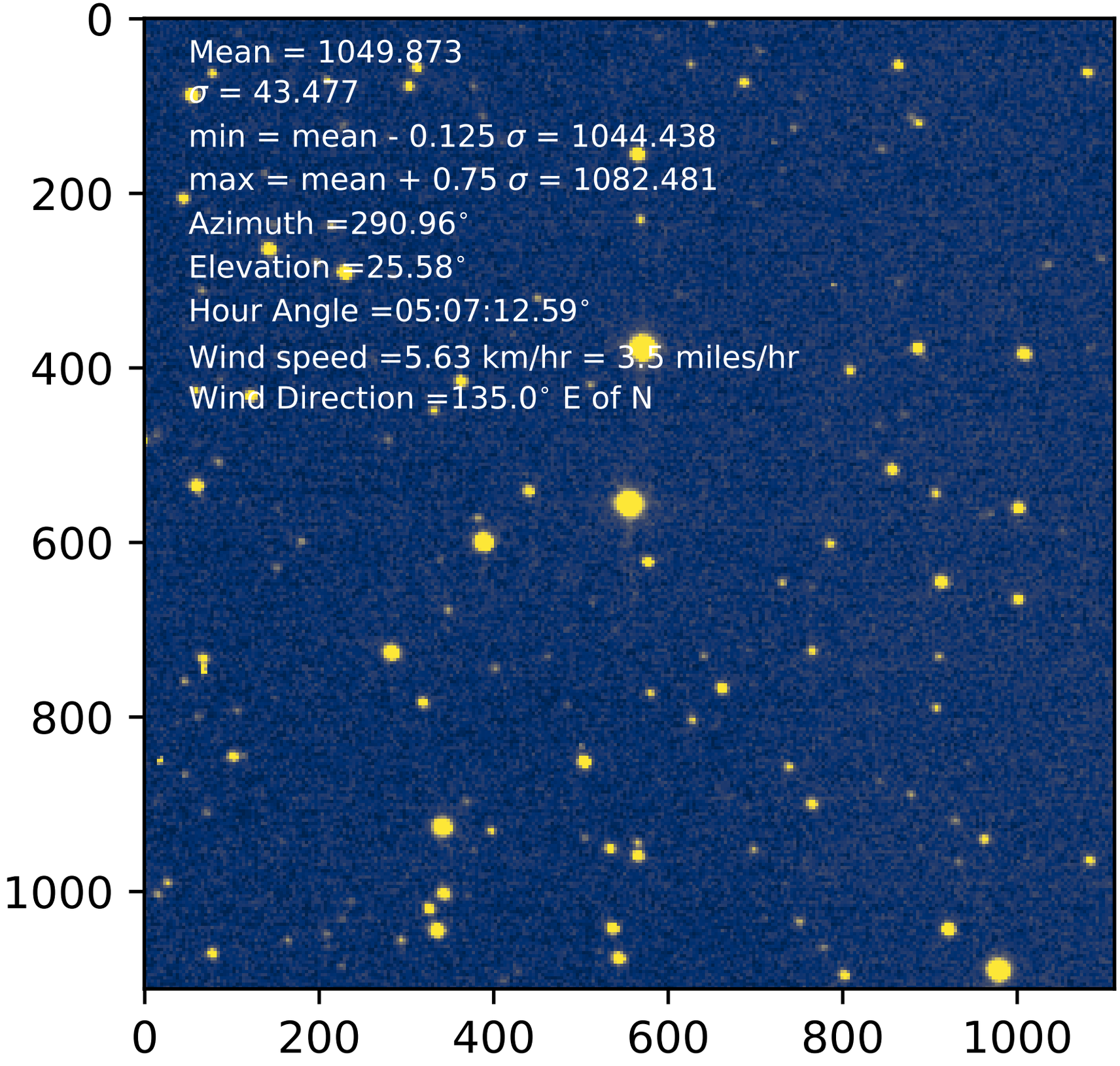
Mean = 1049.873
σ = 43.477
min = mean - 0.125 σ = 1044.438
max = mean + 0.75 σ = 1082.481
Azimuth =290.96°
Elevation =25.58°
Hour Angle =05:07:12.59°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
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200
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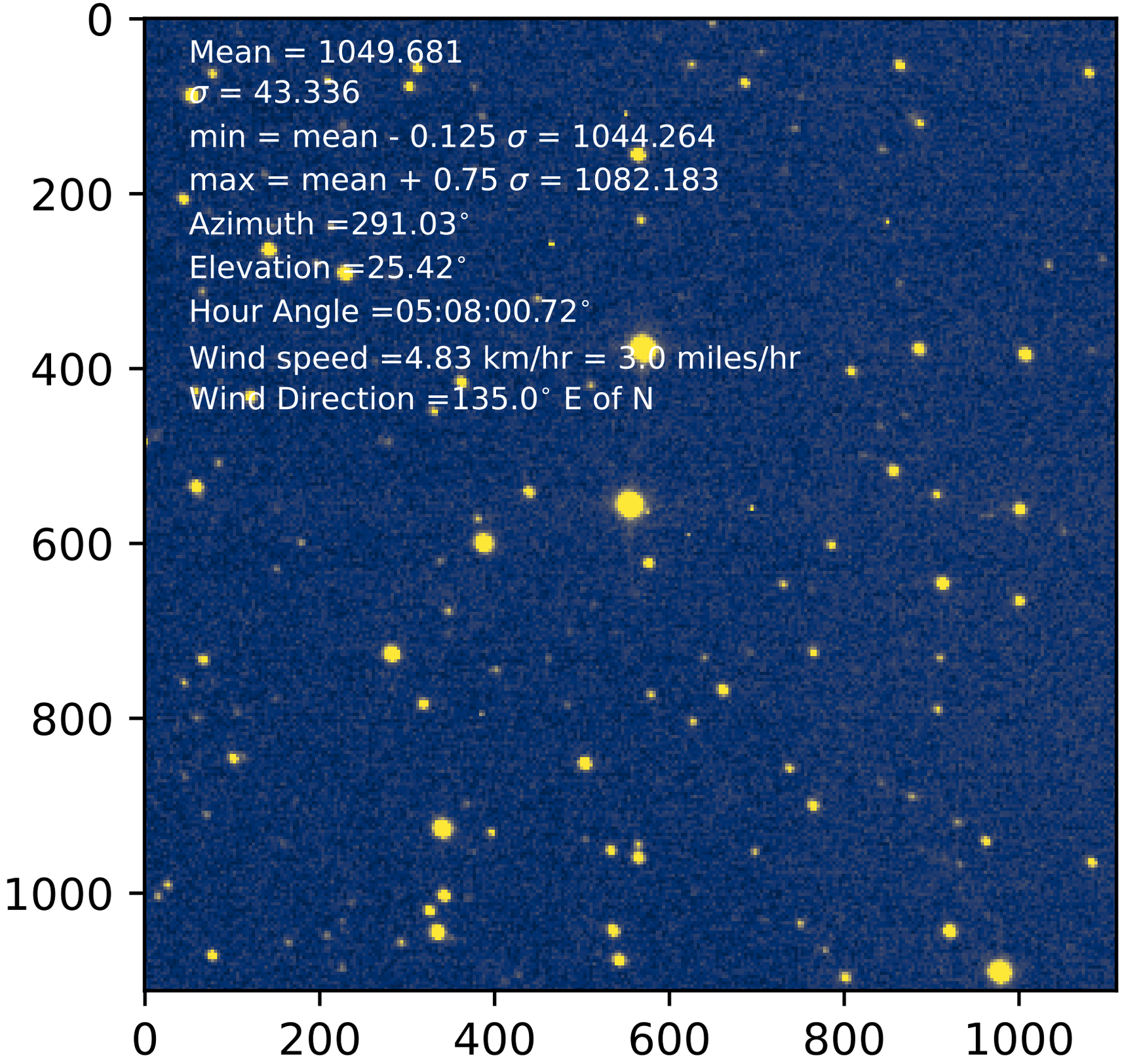
Mean = 1049.681
σ = 43.336
min = mean - 0.125 σ = 1044.264
max = mean + 0.75 σ = 1082.183
Azimuth =291.03°
Elevation =25.42°
Hour Angle =05:08:00.72°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
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800
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200
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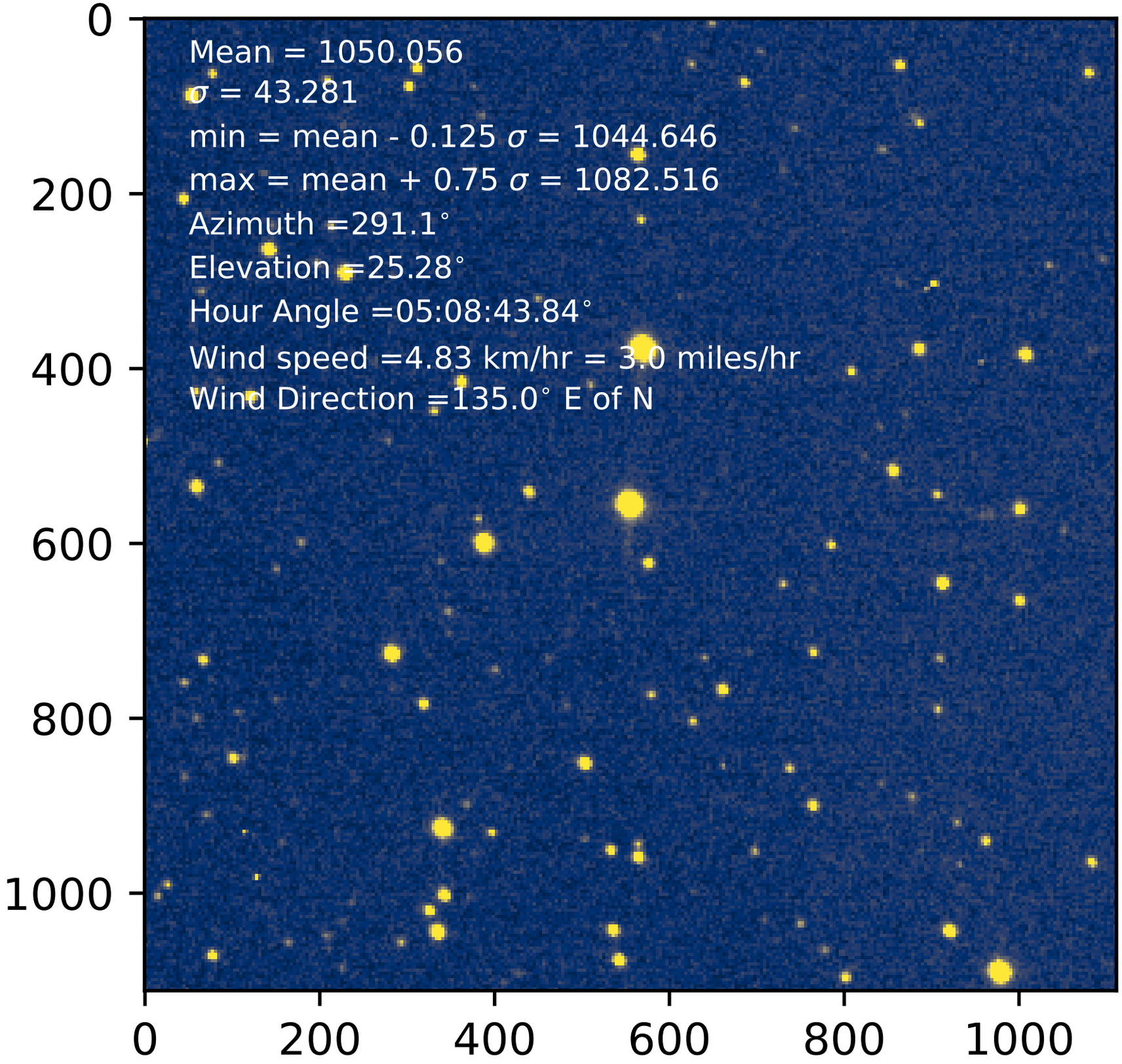
Mean = 1050.056
σ = 43.281
min = mean - 0.125 σ = 1044.646
max = mean + 0.75 σ = 1082.516
Azimuth =291.1°
Elevation =25.28°
Hour Angle =05:08:43.84°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
200
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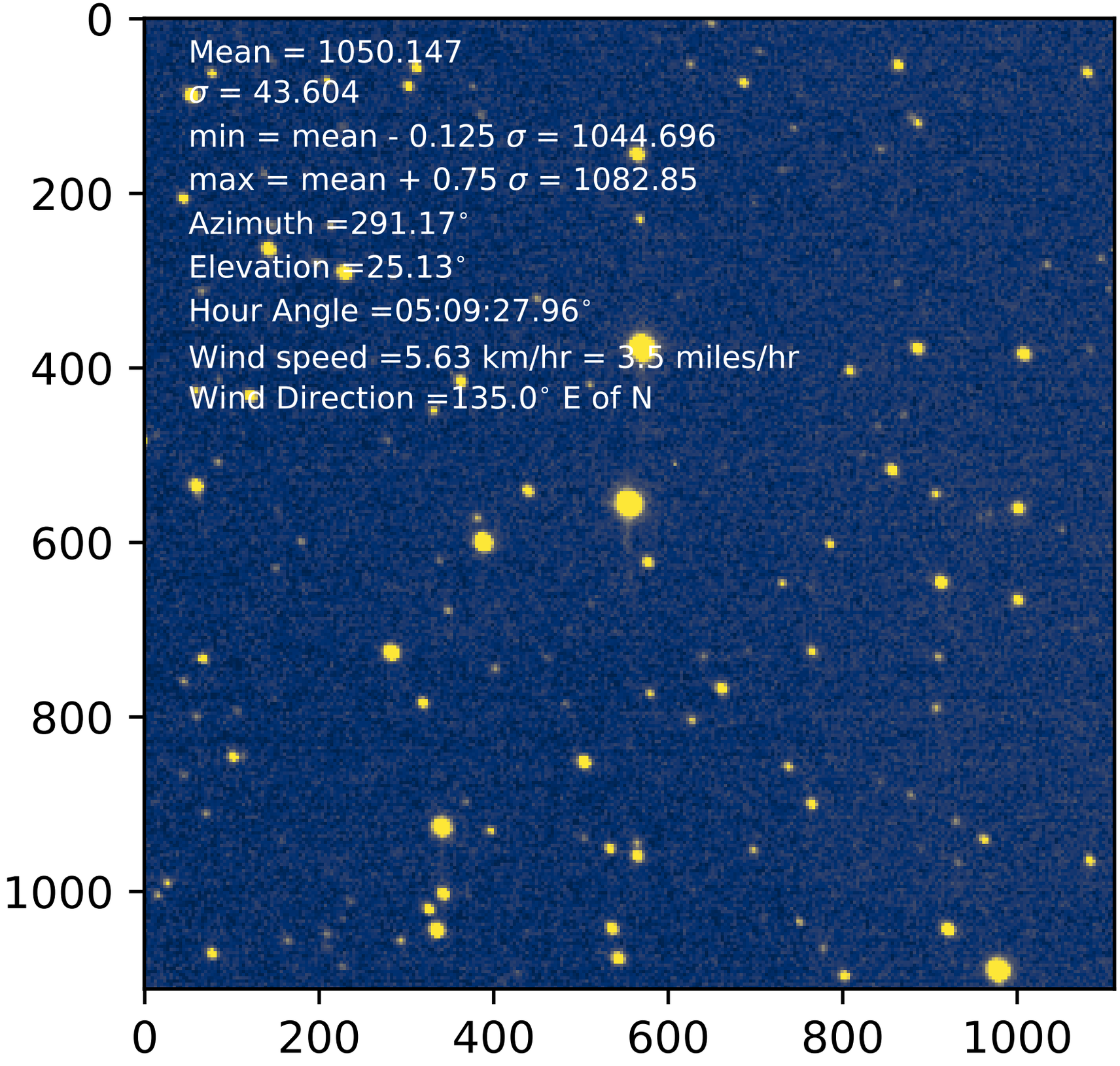
600
800
1000


Mean = 1050.147
σ = 43.604
min = mean - 0.125 σ = 1044.696
max = mean + 0.75 σ = 1082.85
Azimuth =291.17°
Elevation =25.13°
Hour Angle =05:09:27.96°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
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200
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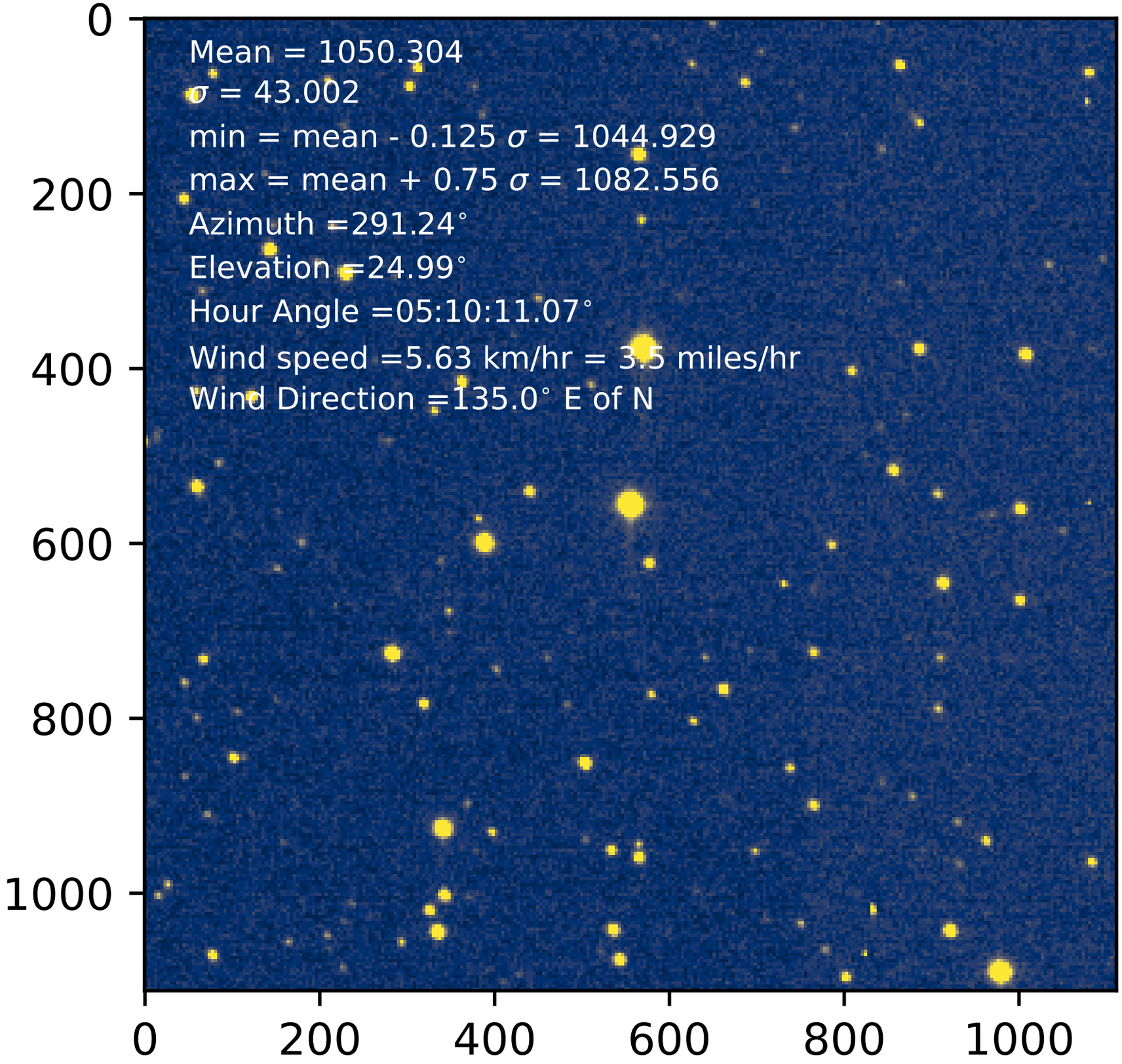
Mean = 1050.304
σ = 43.002
min = mean - 0.125 σ = 1044.929
max = mean + 0.75 σ = 1082.556
Azimuth =291.24°
Elevation =24.99°
Hour Angle =05:10:11.07°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
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200
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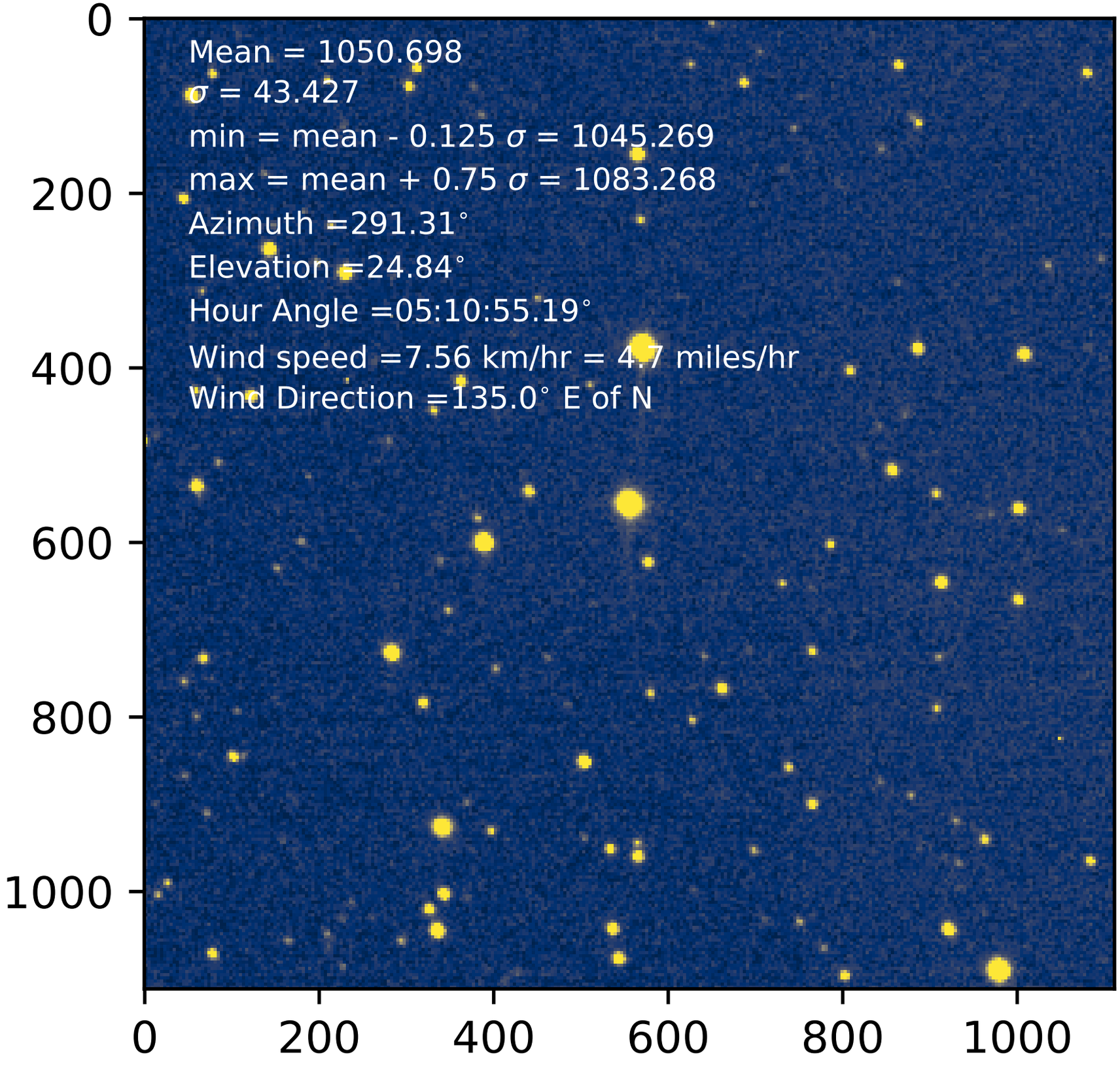
Mean = 1050.698
σ = 43.427
min = mean - 0.125 σ = 1045.269
max = mean + 0.75 σ = 1083.268
Azimuth =291.31°
Elevation =24.84°
Hour Angle =05:10:55.19°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =135.0° E of N
0
200
400
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800
1000
0
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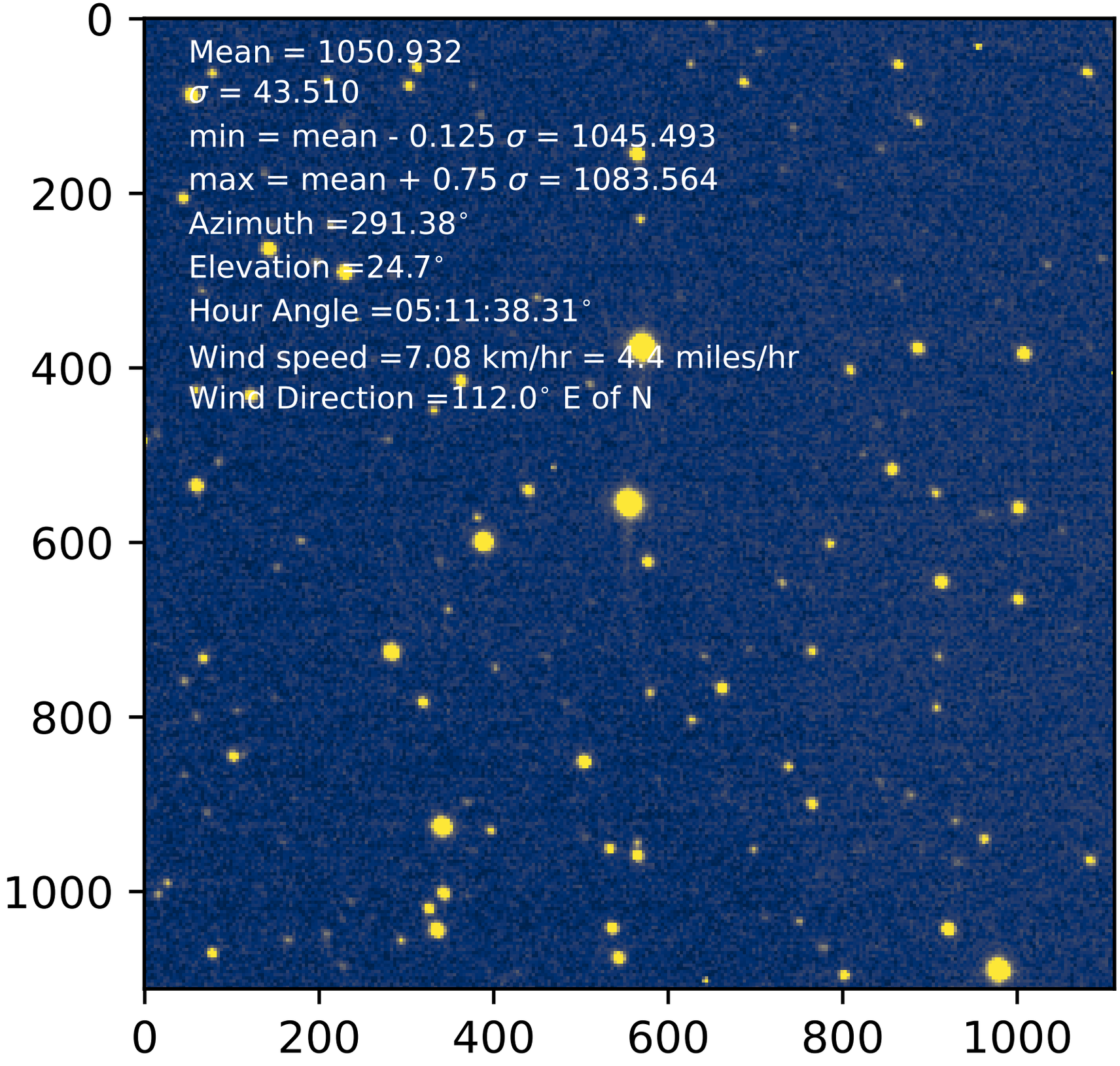
800
1000


Mean = 1050.932
σ = 43.510
min = mean - 0.125 σ = 1045.493
max = mean + 0.75 σ = 1083.564
Azimuth =291.38°
Elevation =24.7°
Hour Angle =05:11:38.31°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
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800
1000
0
200
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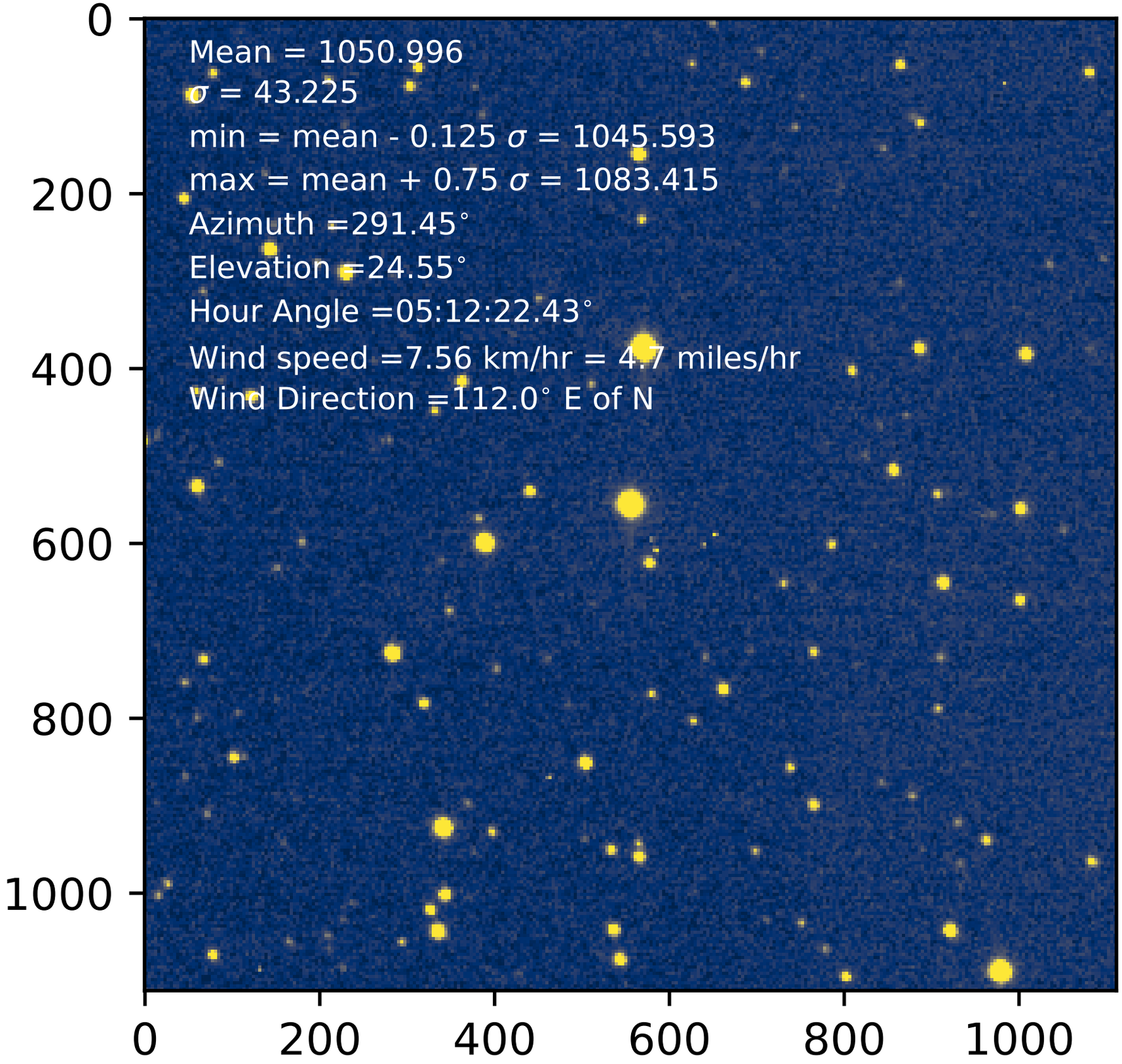
600
800
1000


Mean = 1050.996
σ = 43.225
min = mean - 0.125 σ = 1045.593
max = mean + 0.75 σ = 1083.415
Azimuth =291.45°
Elevation =24.55°
Hour Angle =05:12:22.43°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =112.0° E of N
0
200
400
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800
1000
0
200
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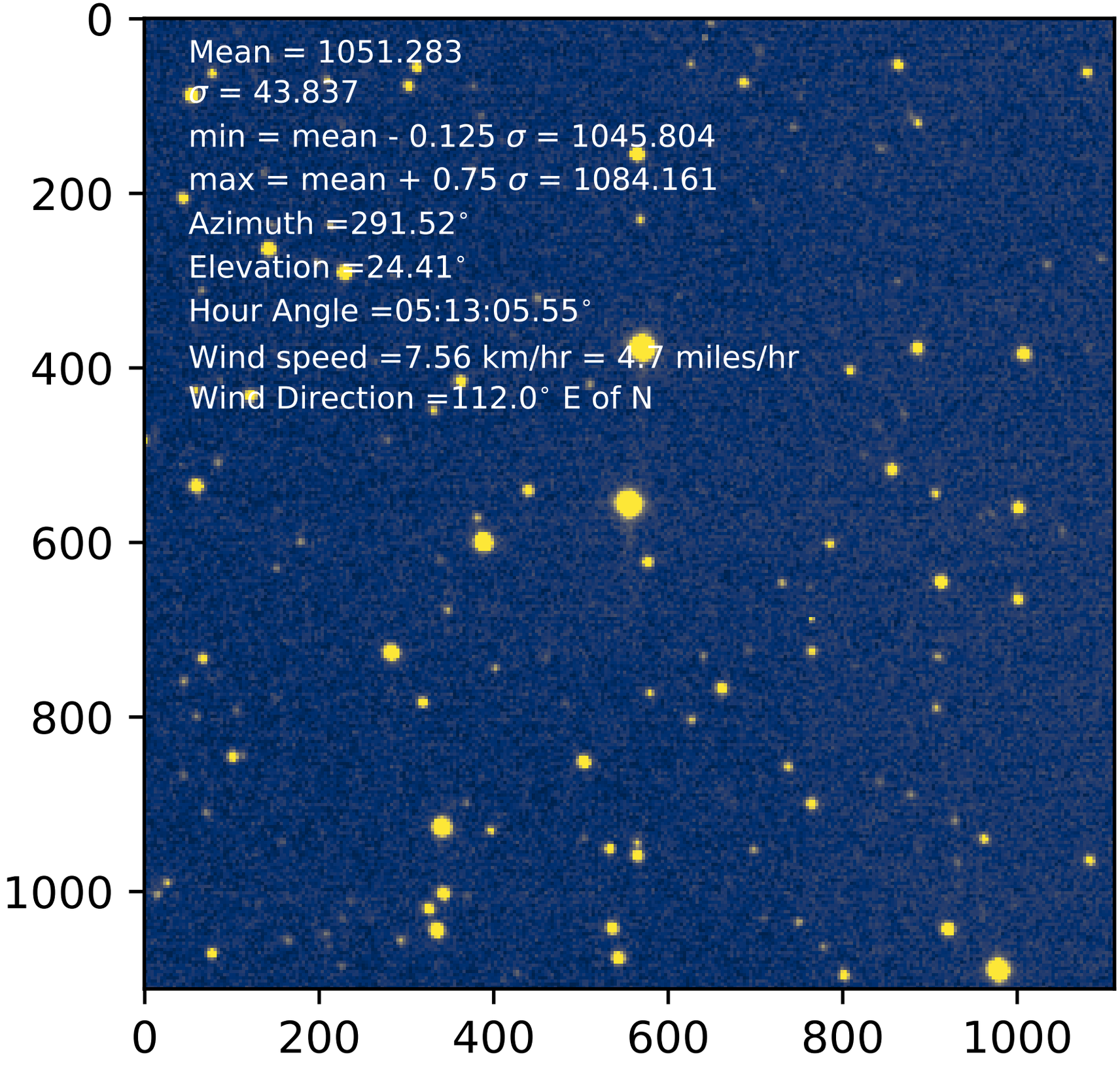
600
800
1000


Mean = 1051.283
σ = 43.837
min = mean - 0.125 σ = 1045.804
max = mean + 0.75 σ = 1084.161
Azimuth =291.52°
Elevation =24.41°
Hour Angle =05:13:05.55°
Wind speed =7.56 km/hr = 4.7 miles/hr
Wind Direction =112.0° E of N
0
200
400
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800
1000
0
200
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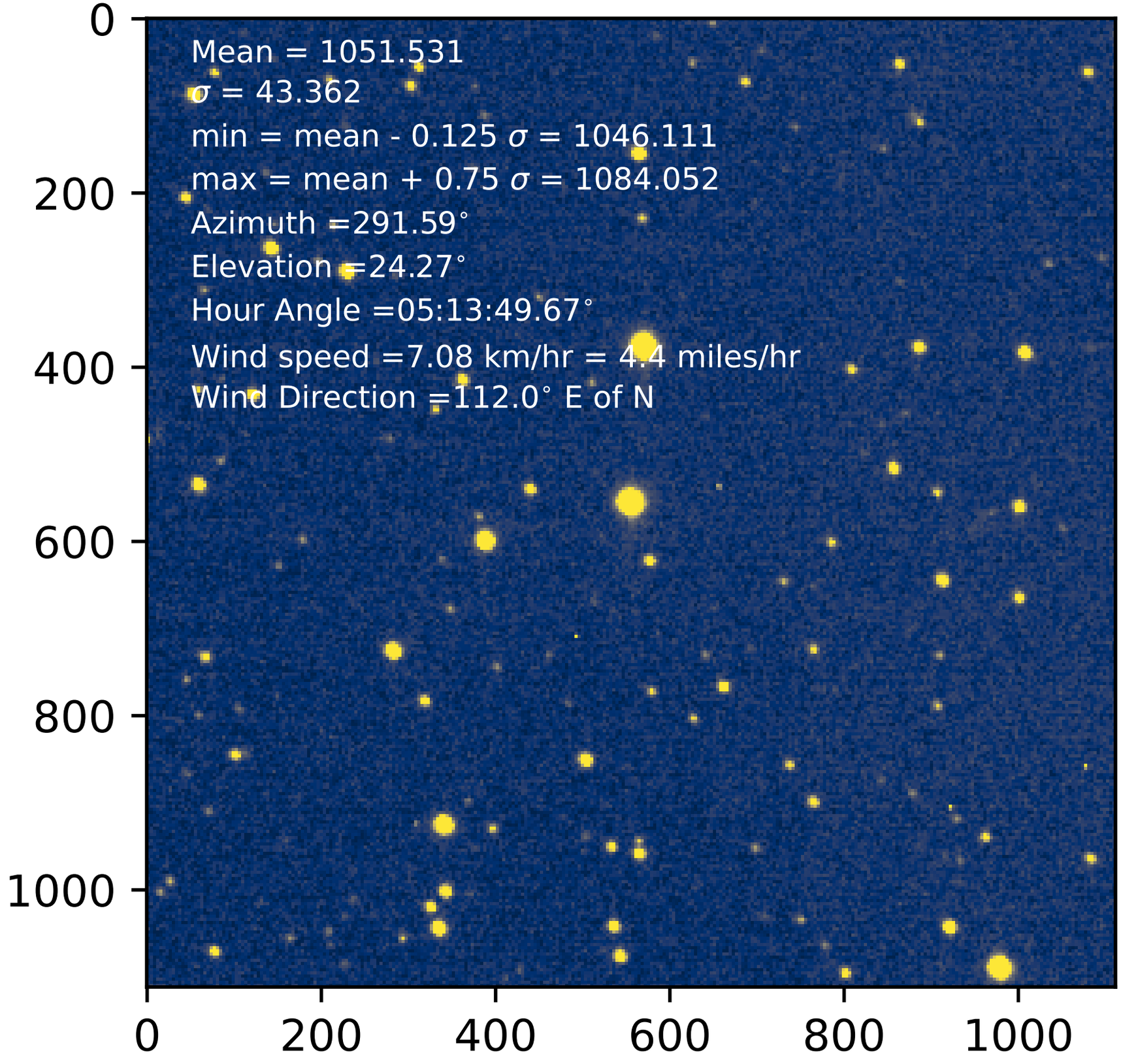
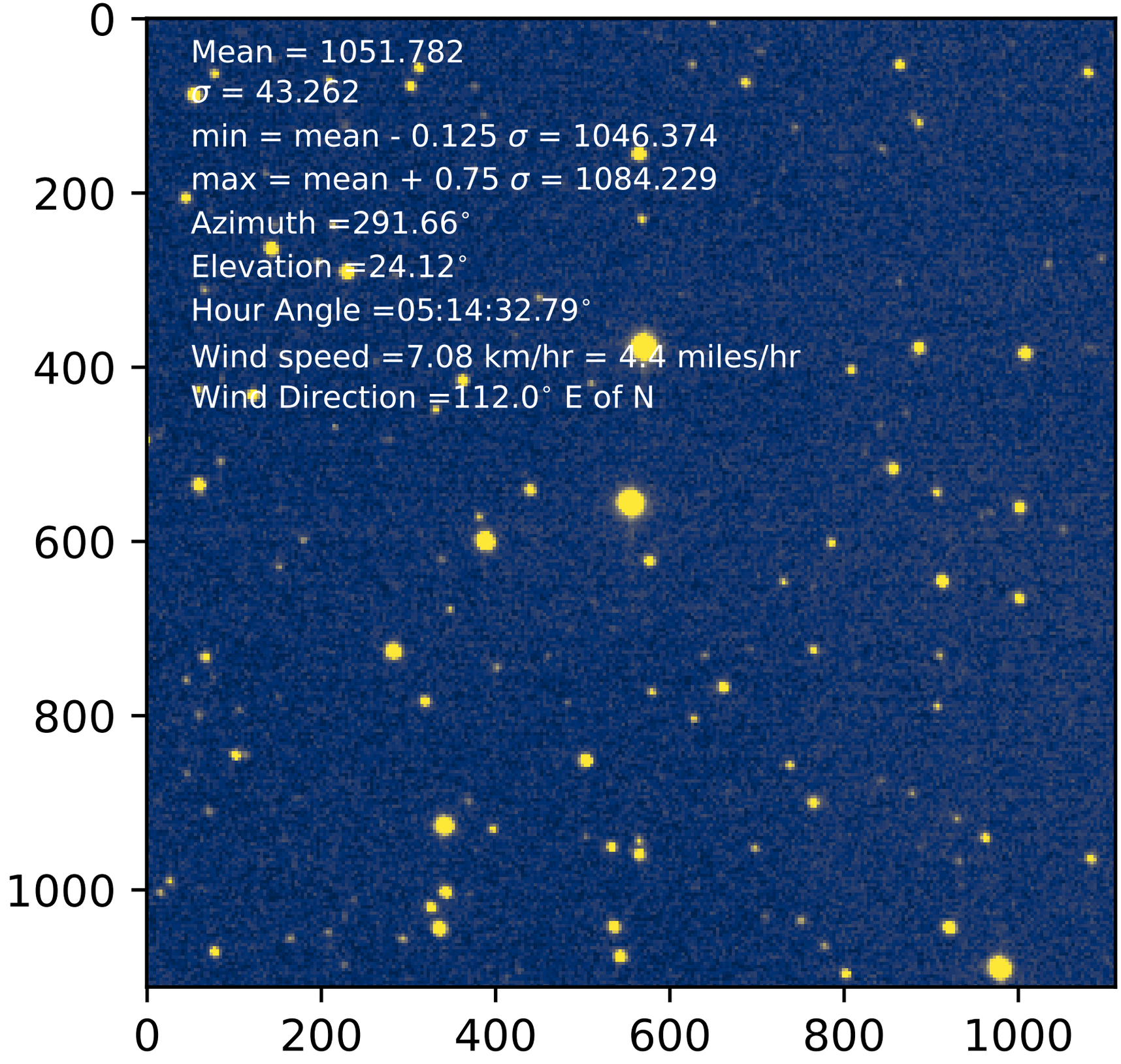
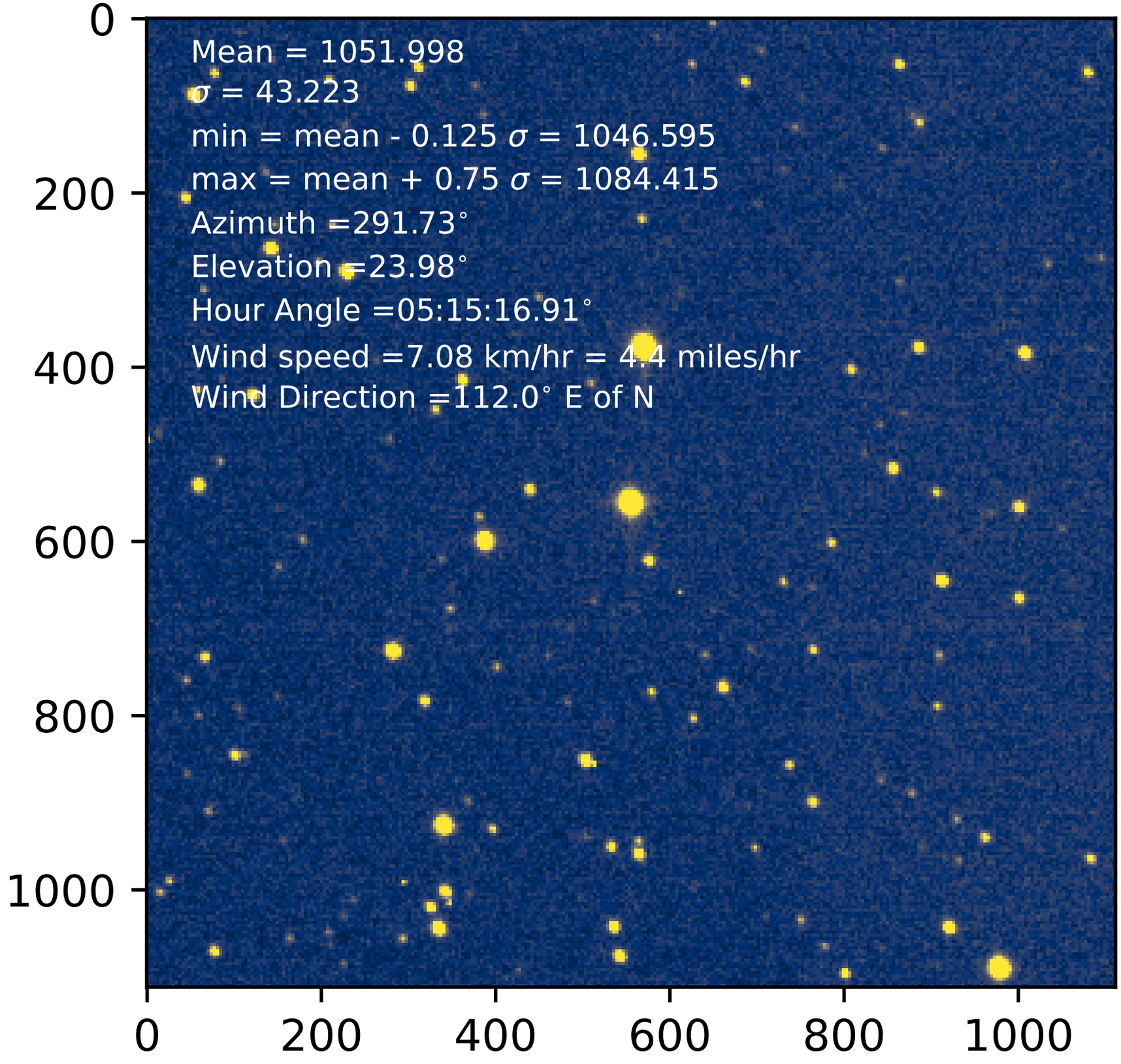
800
1000


Mean = 1051.531
σ = 43.362
min = mean - 0.125 σ = 1046.111
max = mean + 0.75 σ = 1084.052
Azimuth =291.59°
Elevation =24.27°
Hour Angle =05:13:49.67°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1051.782
σ = 43.262
min = mean - 0.125 σ = 1046.374
max = mean + 0.75 σ = 1084.229
Azimuth =291.66°
Elevation =24.12°
Hour Angle =05:14:32.79°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1051.998
σ = 43.223
min = mean - 0.125 σ = 1046.595
max = mean + 0.75 σ = 1084.415
Azimuth =291.73°
Elevation =23.98°
Hour Angle =05:15:16.91°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
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800
1000
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200
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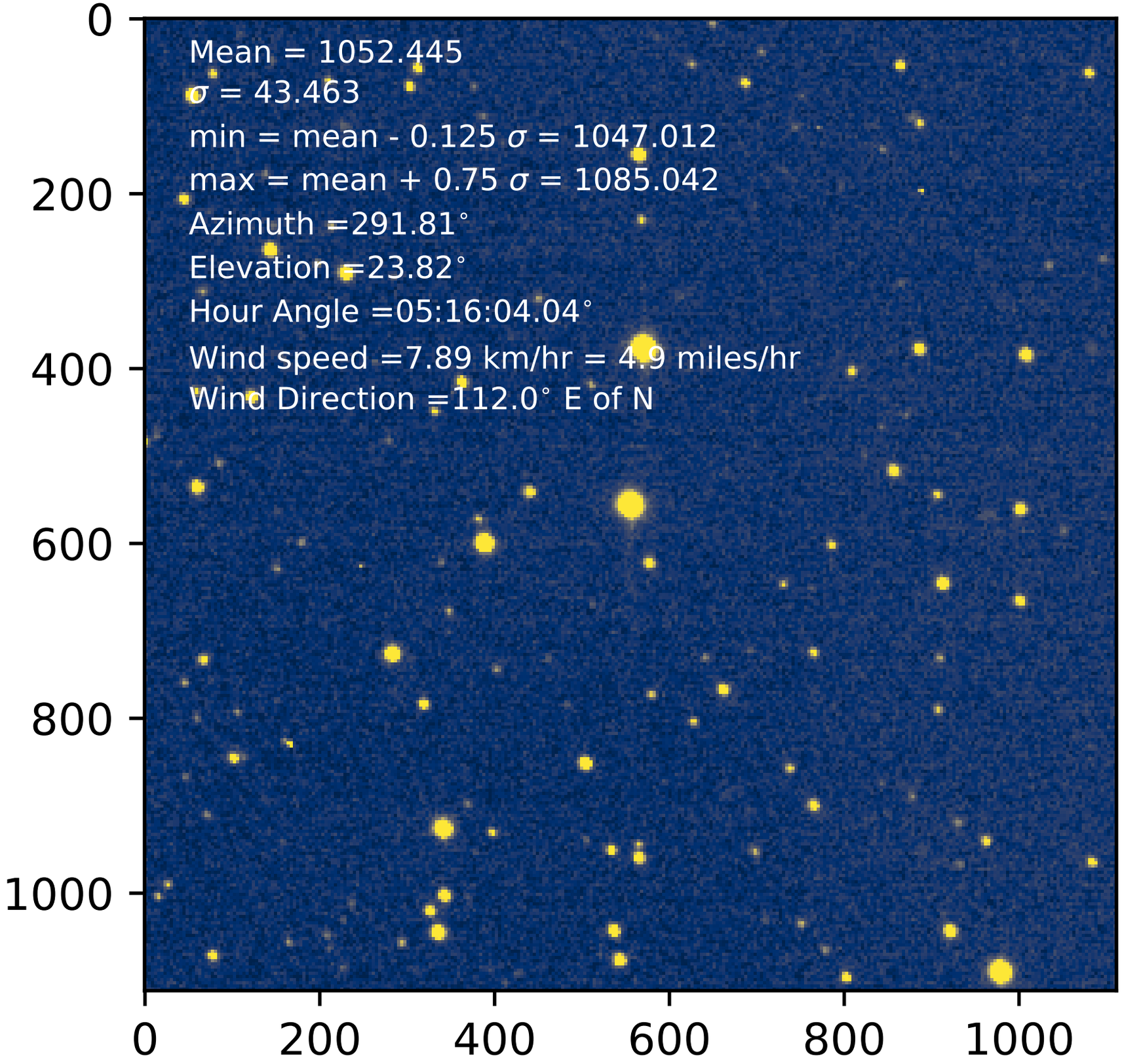
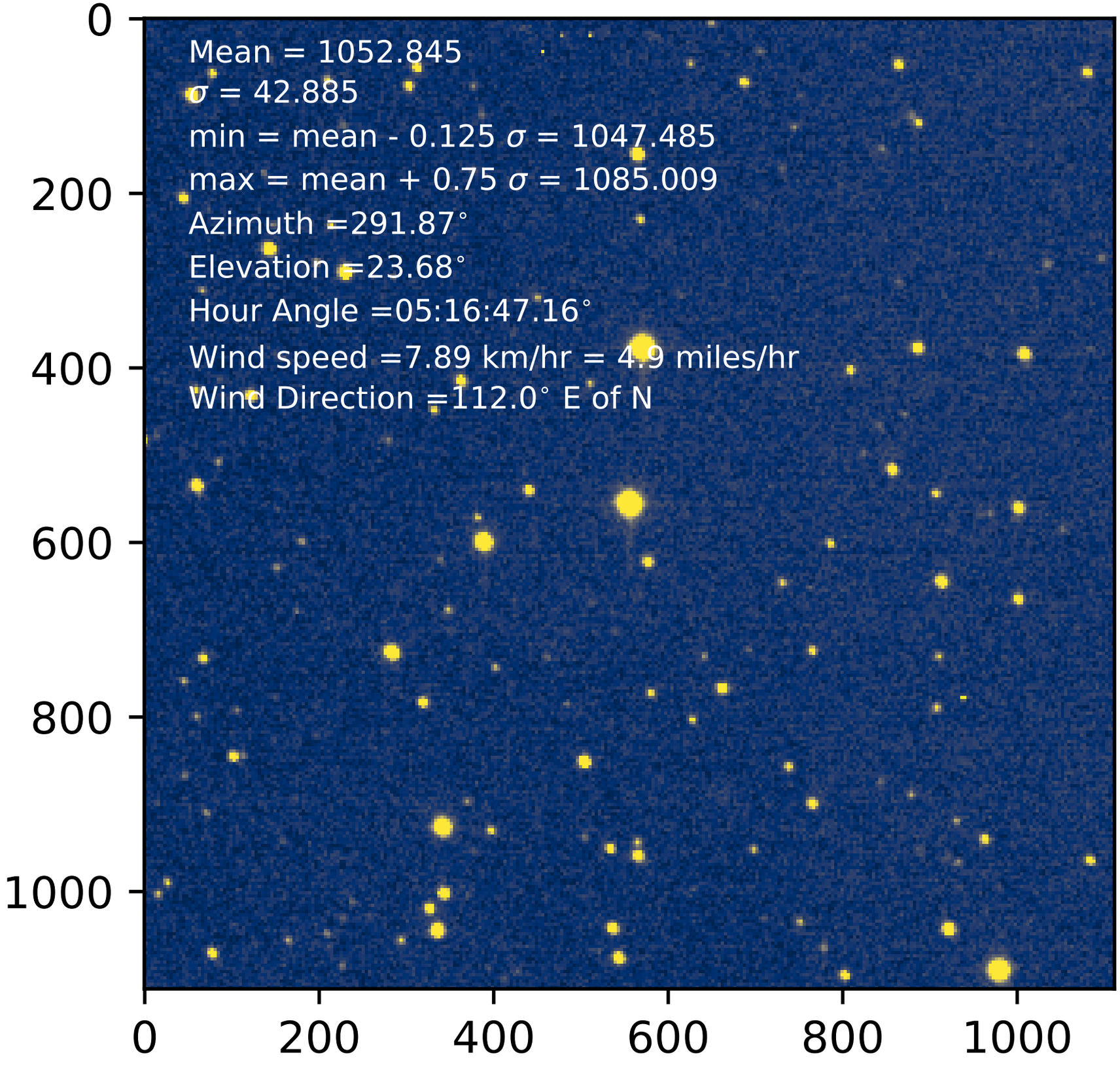
1000


Mean = 1052.445
σ = 43.463
min = mean - 0.125 σ = 1047.012
max = mean + 0.75 σ = 1085.042
Azimuth =291.81°
Elevation =23.82°
Hour Angle =05:16:04.04°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1052.845
σ = 42.885
min = mean - 0.125 σ = 1047.485
max = mean + 0.75 σ = 1085.009
Azimuth =291.87°
Elevation =23.68°
Hour Angle =05:16:47.16°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
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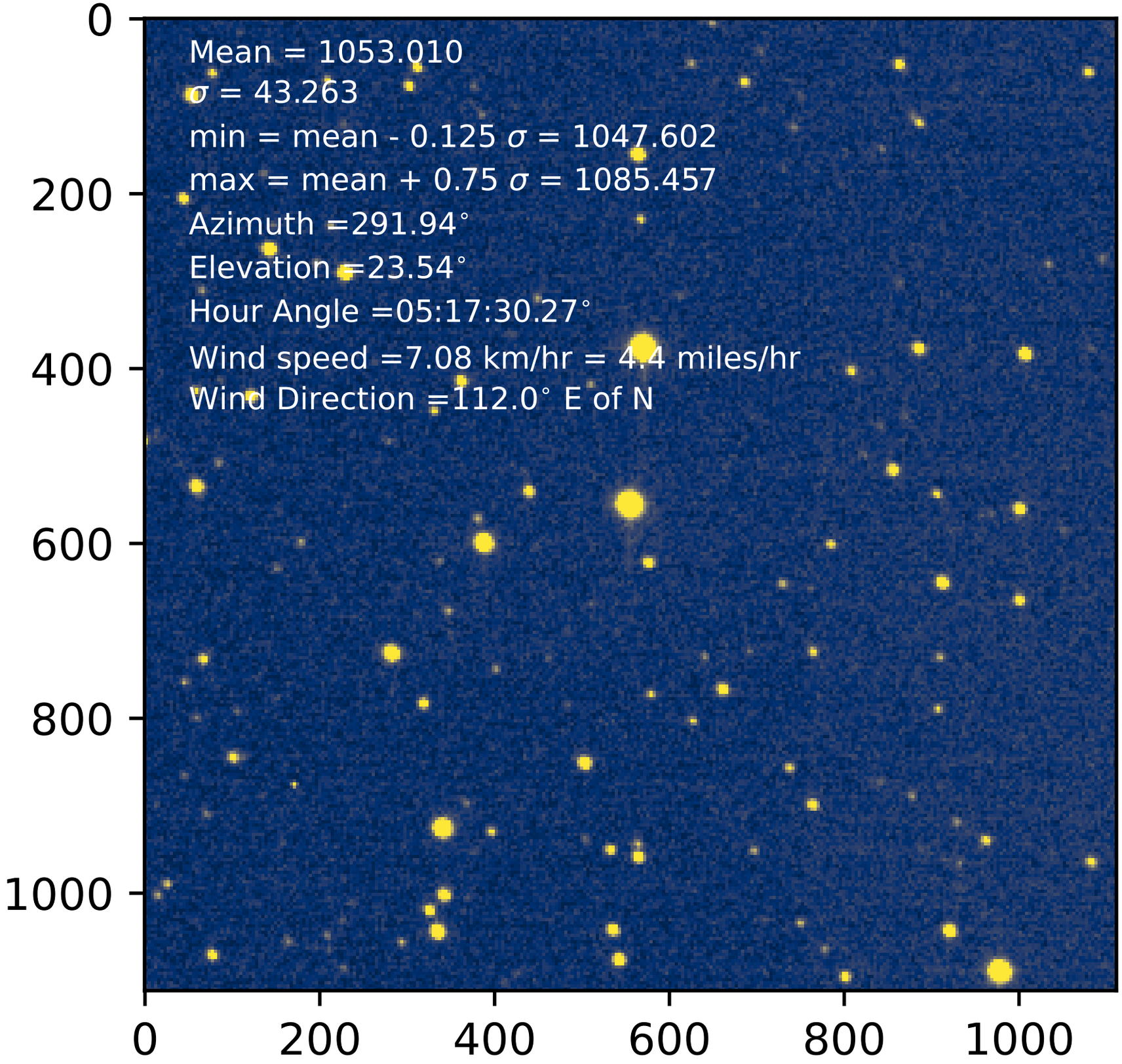
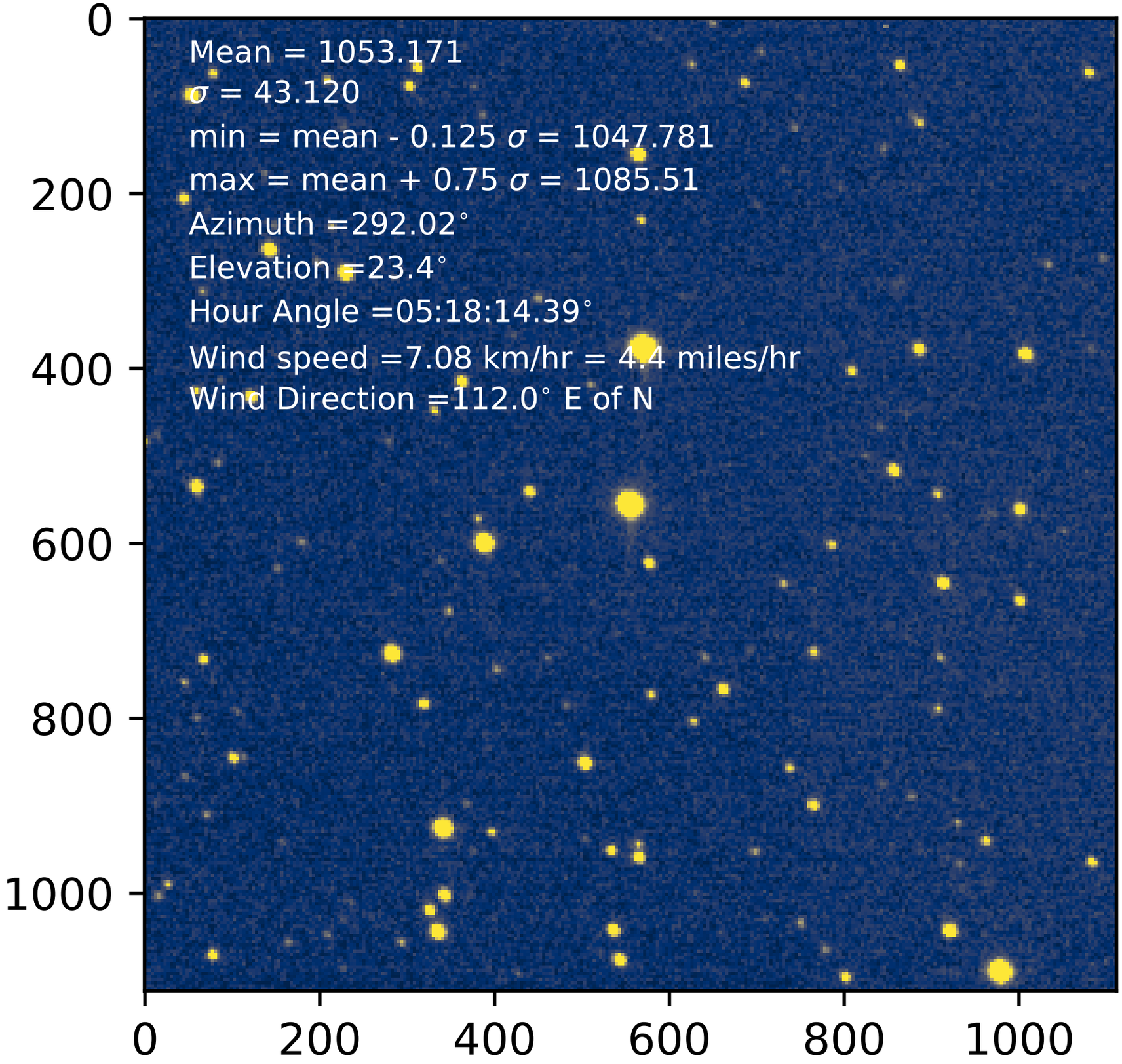
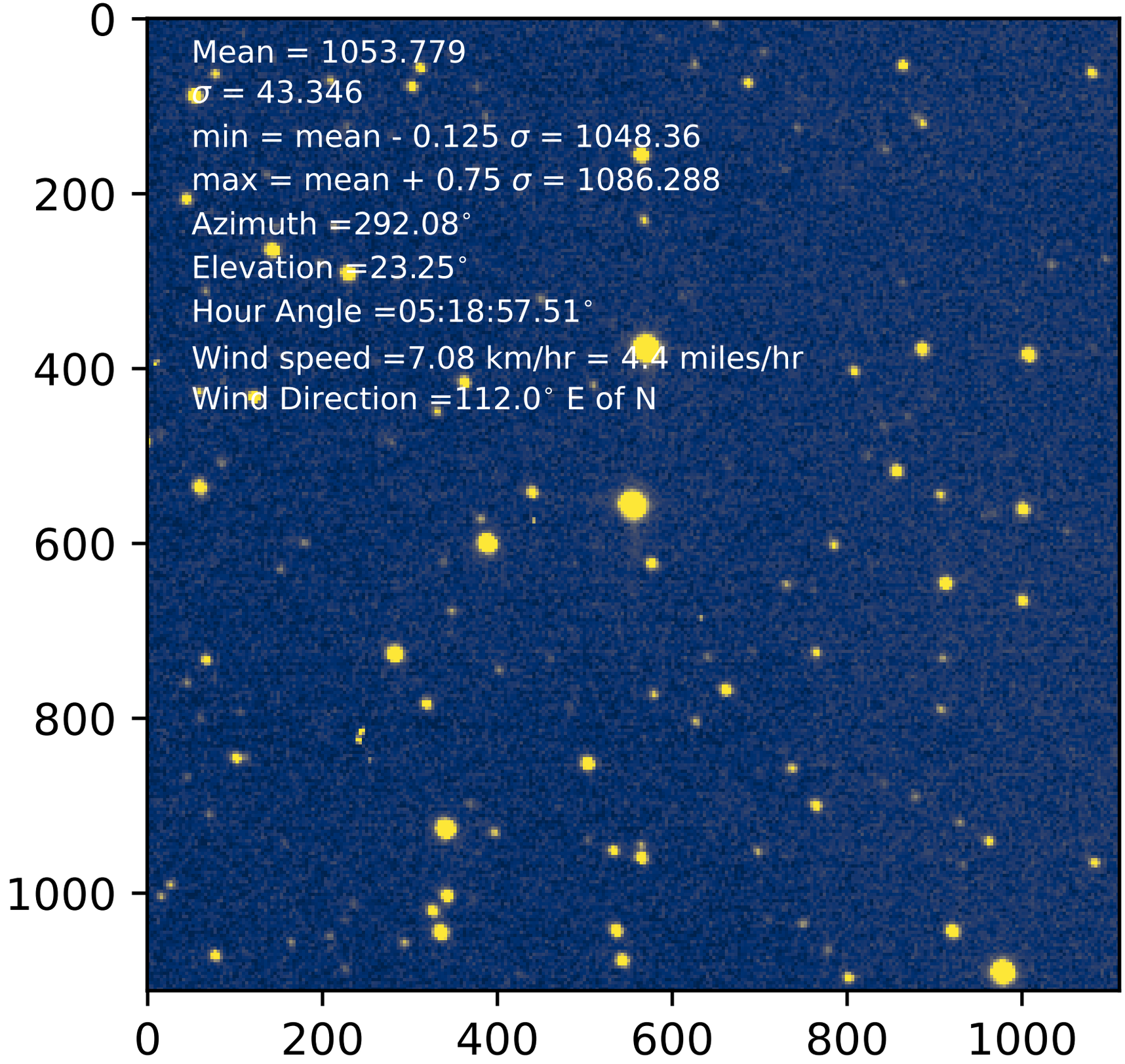
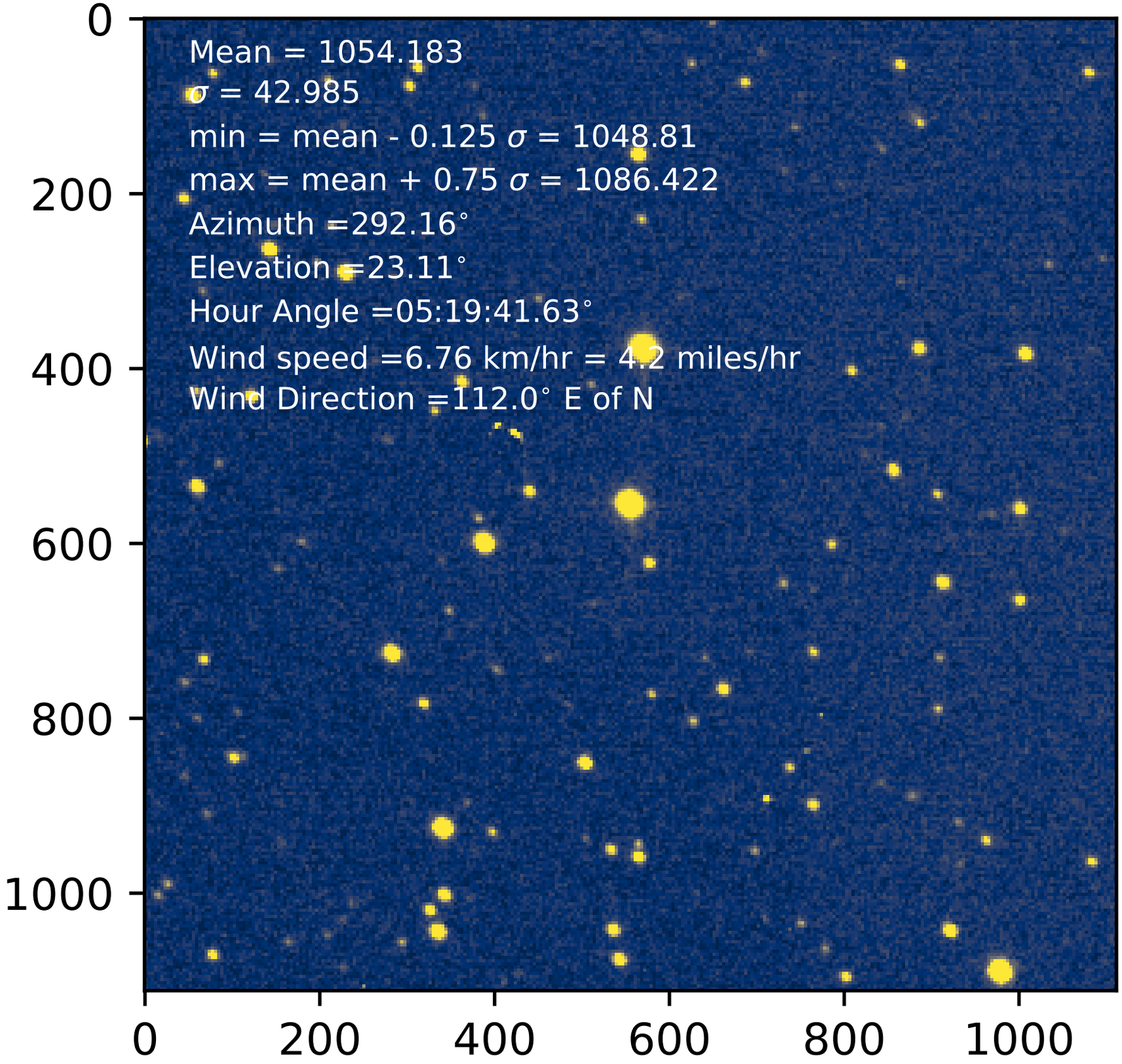
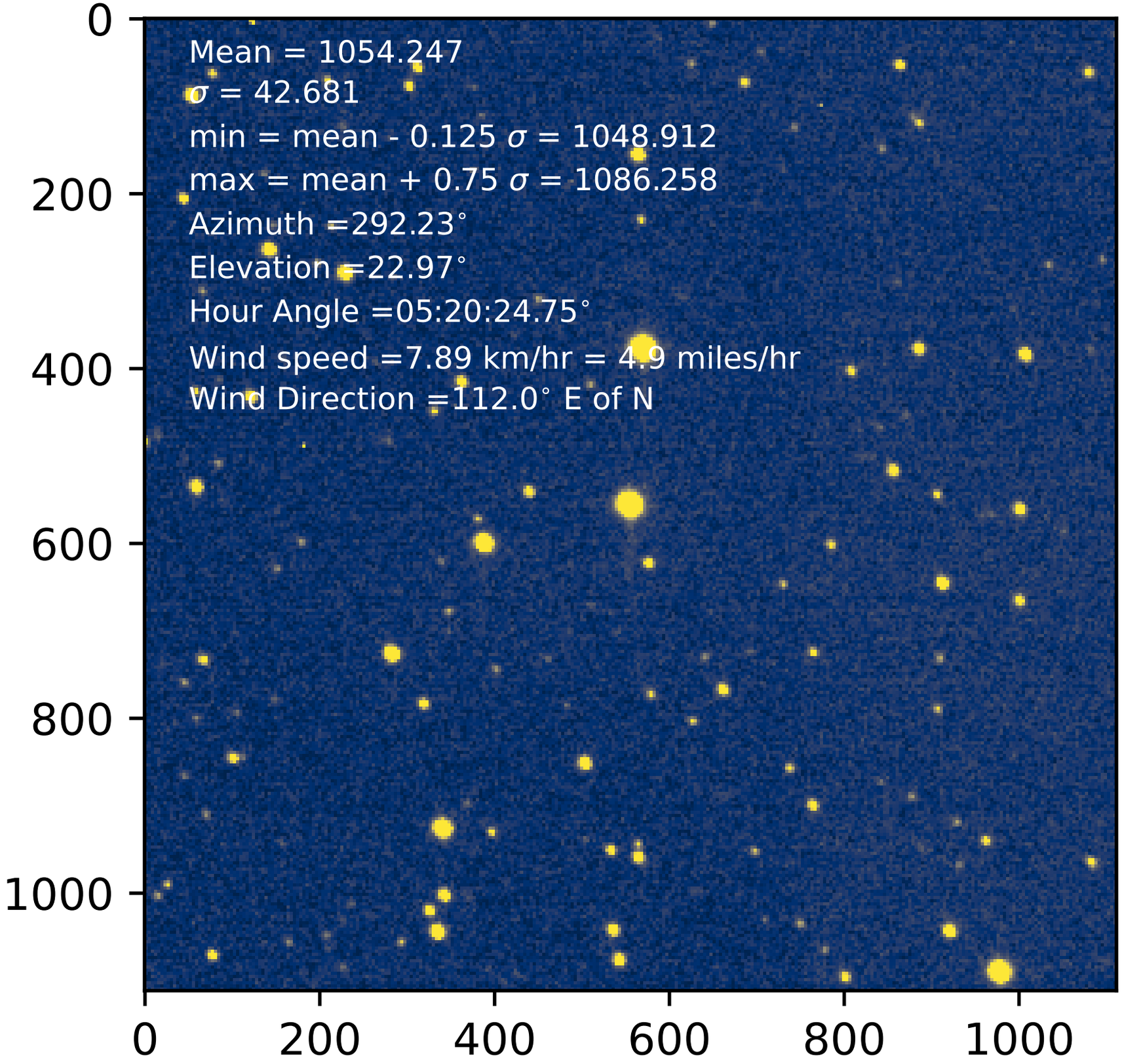
1000

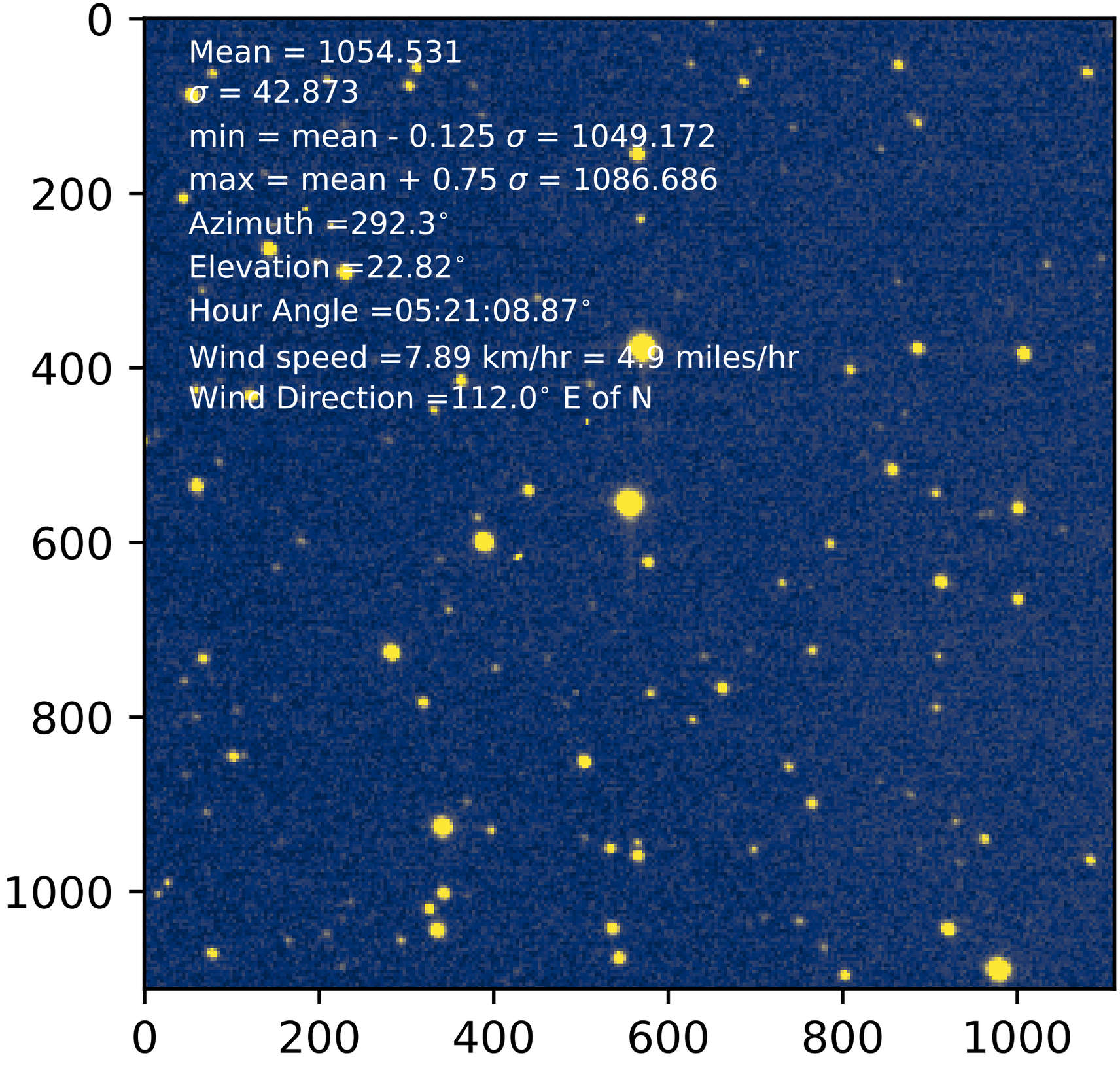

Mean = 1053.010
σ = 43.263
min = mean - 0.125 σ = 1047.602
max = mean + 0.75 σ = 1085.457
Azimuth =291.94°
Elevation =23.54°
Hour Angle =05:17:30.27°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

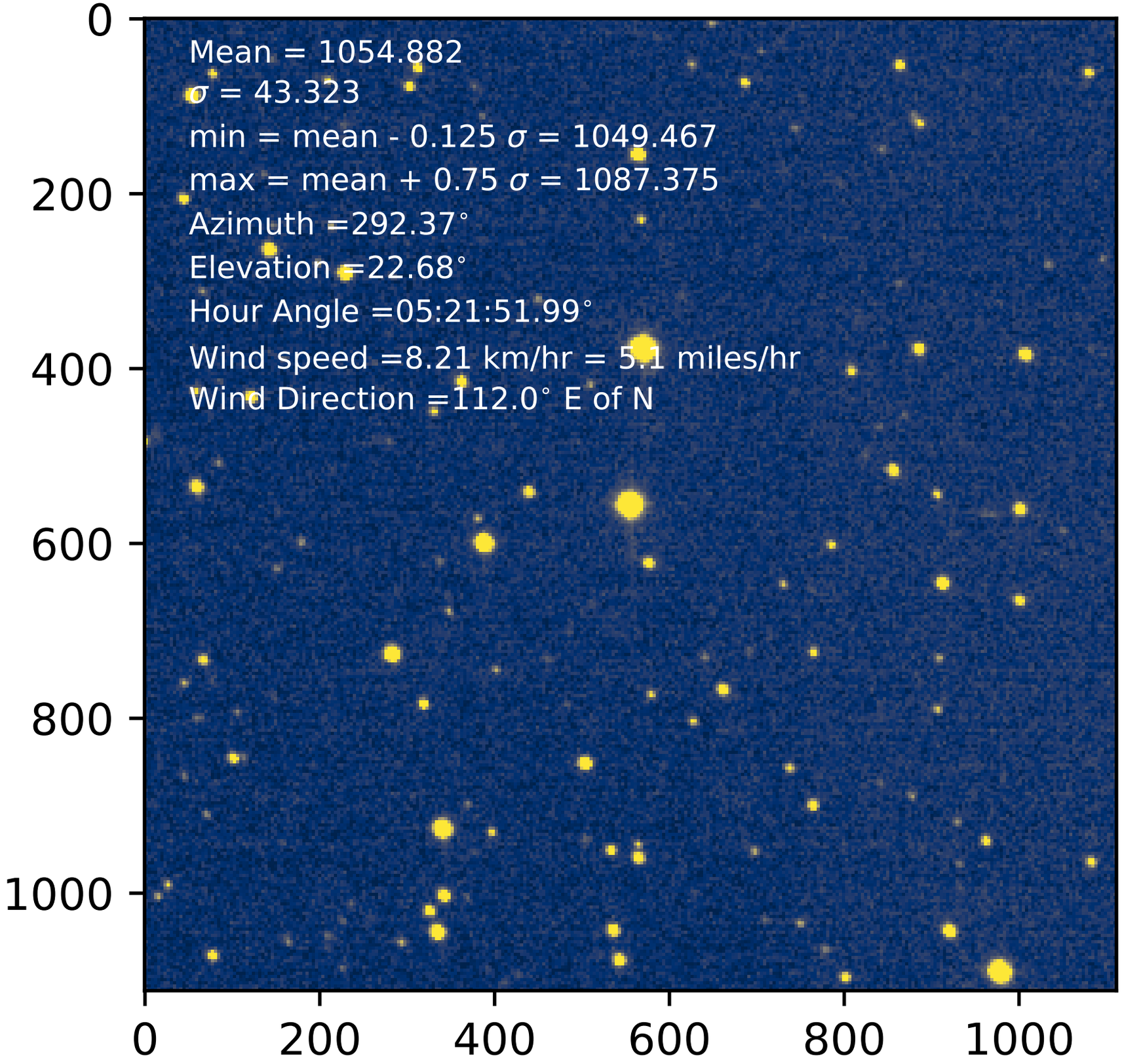

Mean = 1053.171
σ = 43.120
min = mean - 0.125 σ = 1047.781
max = mean + 0.75 σ = 1085.51
Azimuth =292.02°
Elevation =23.4°
Hour Angle =05:18:14.39°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

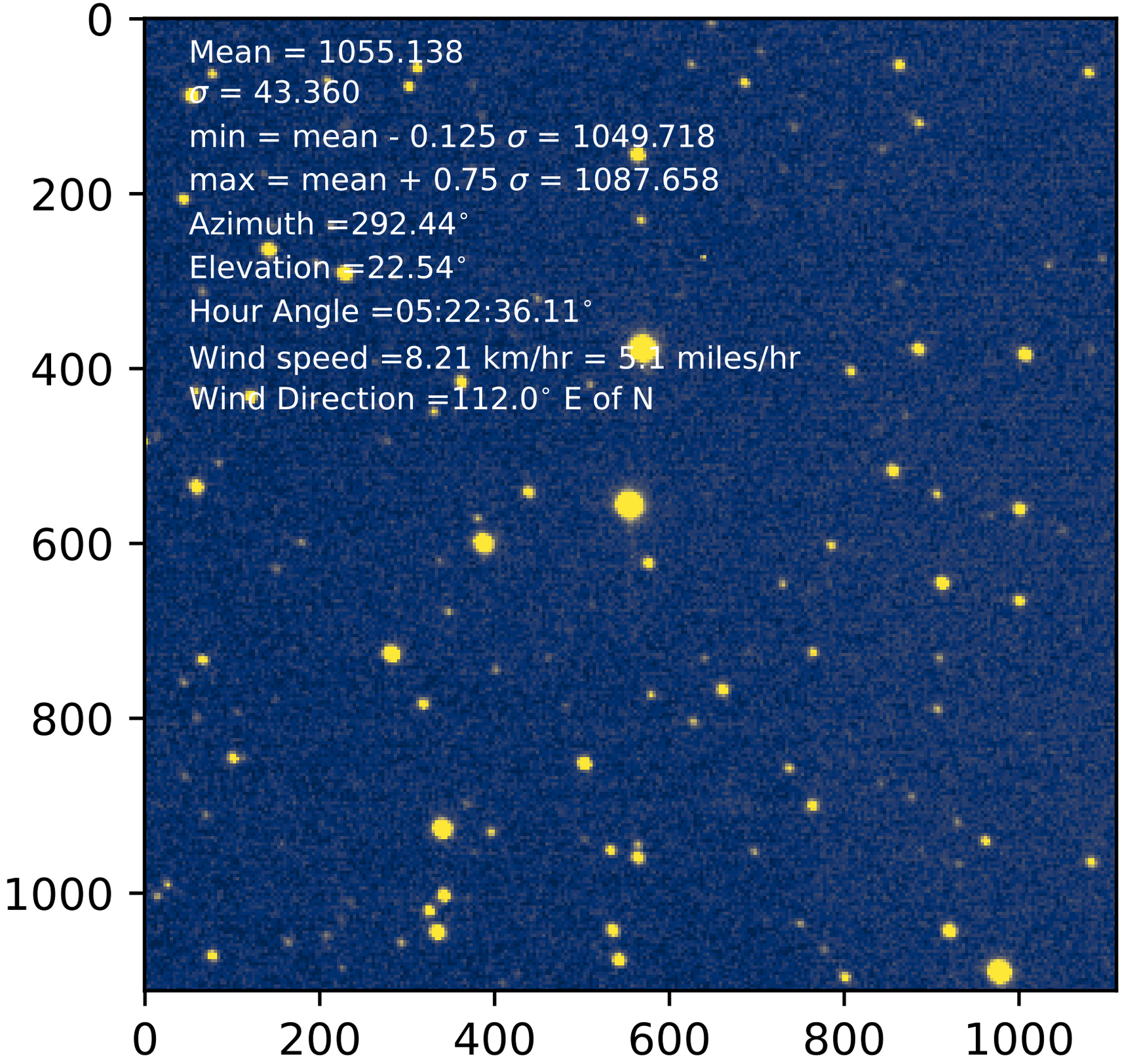

Mean = 1053.779
σ = 43.346
min = mean - 0.125 σ = 1048.36
max = mean + 0.75 σ = 1086.288
Azimuth =292.08°
Elevation =23.25°
Hour Angle =05:18:57.51°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

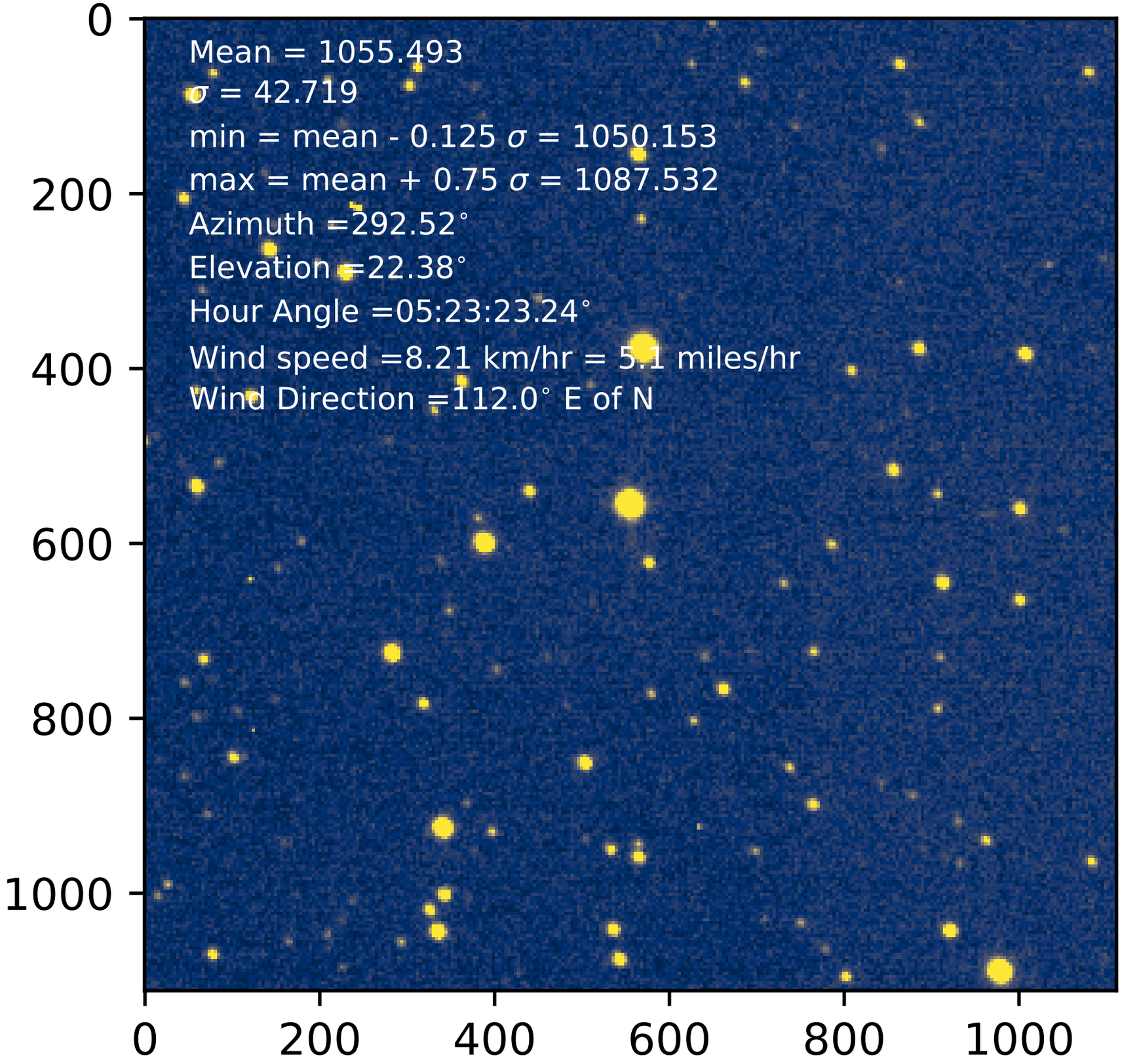

Mean = 1054.183
σ = 42.985
min = mean - 0.125 σ = 1048.81
max = mean + 0.75 σ = 1086.422
Azimuth =292.16°
Elevation =23.11°
Hour Angle =05:19:41.63°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

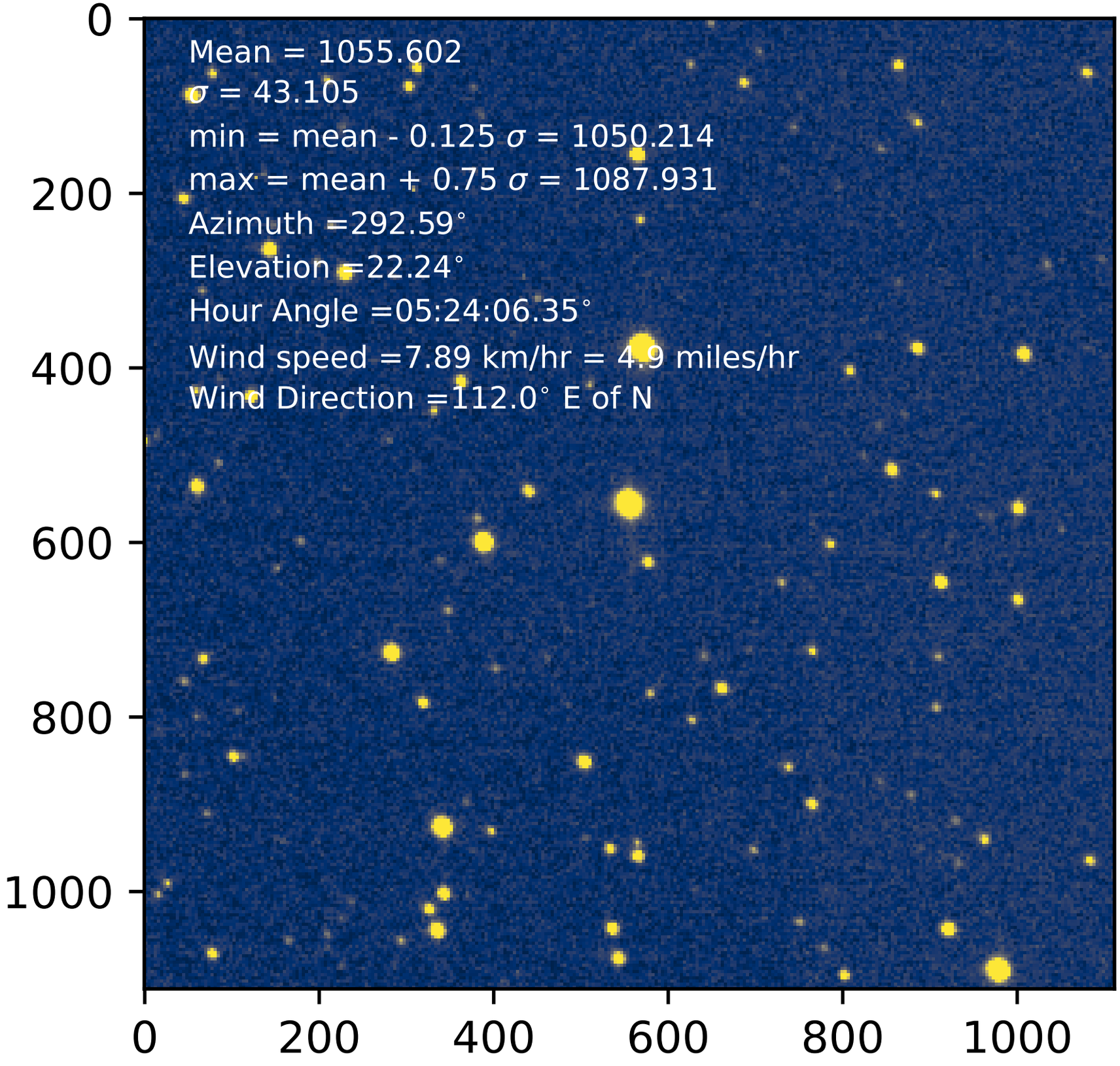

Mean = 1054.247
σ = 42.681
min = mean - 0.125 σ = 1048.912
max = mean + 0.75 σ = 1086.258
Azimuth =292.23°
Elevation =22.97°
Hour Angle =05:20:24.75°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

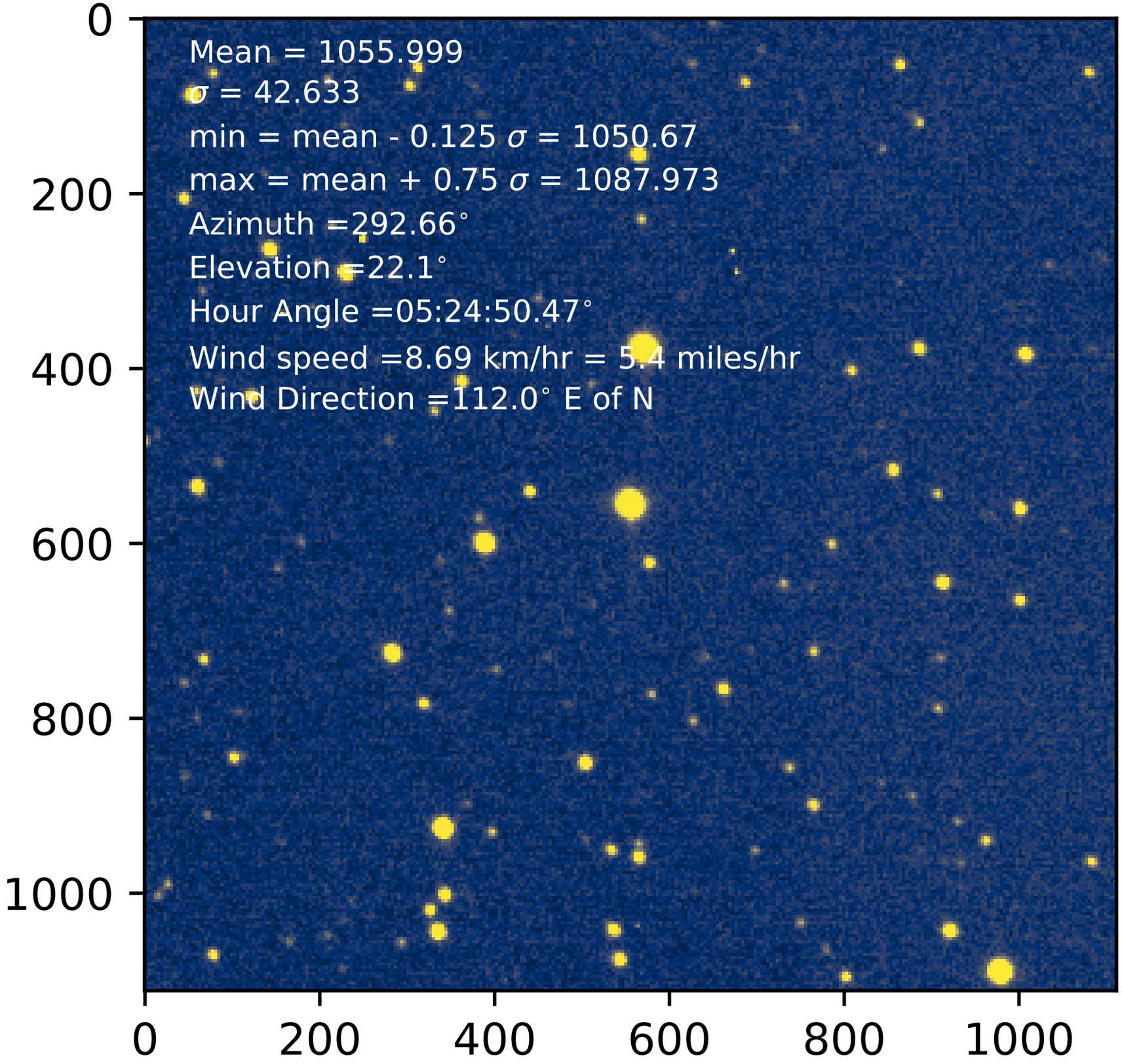

Mean = 1054.531
σ = 42.873
min = mean - 0.125 σ = 1049.172
max = mean + 0.75 σ = 1086.686
Azimuth =292.3°
Elevation =22.82°
Hour Angle =05:21:08.87°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

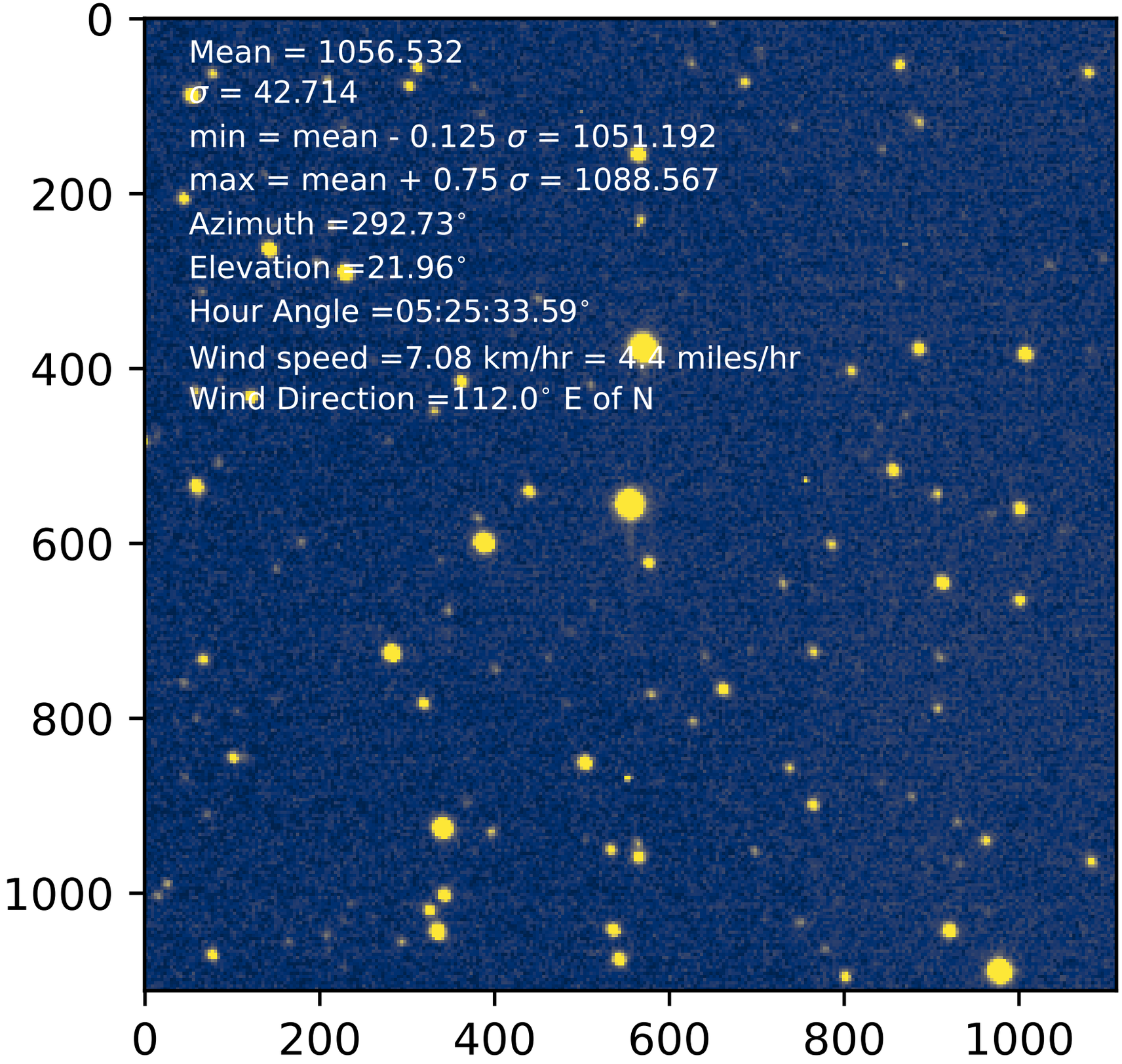

Mean = 1054.882
σ = 43.323
min = mean - 0.125 σ = 1049.467
max = mean + 0.75 σ = 1087.375
Azimuth =292.37°
Elevation =22.68°
Hour Angle =05:21:51.99°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

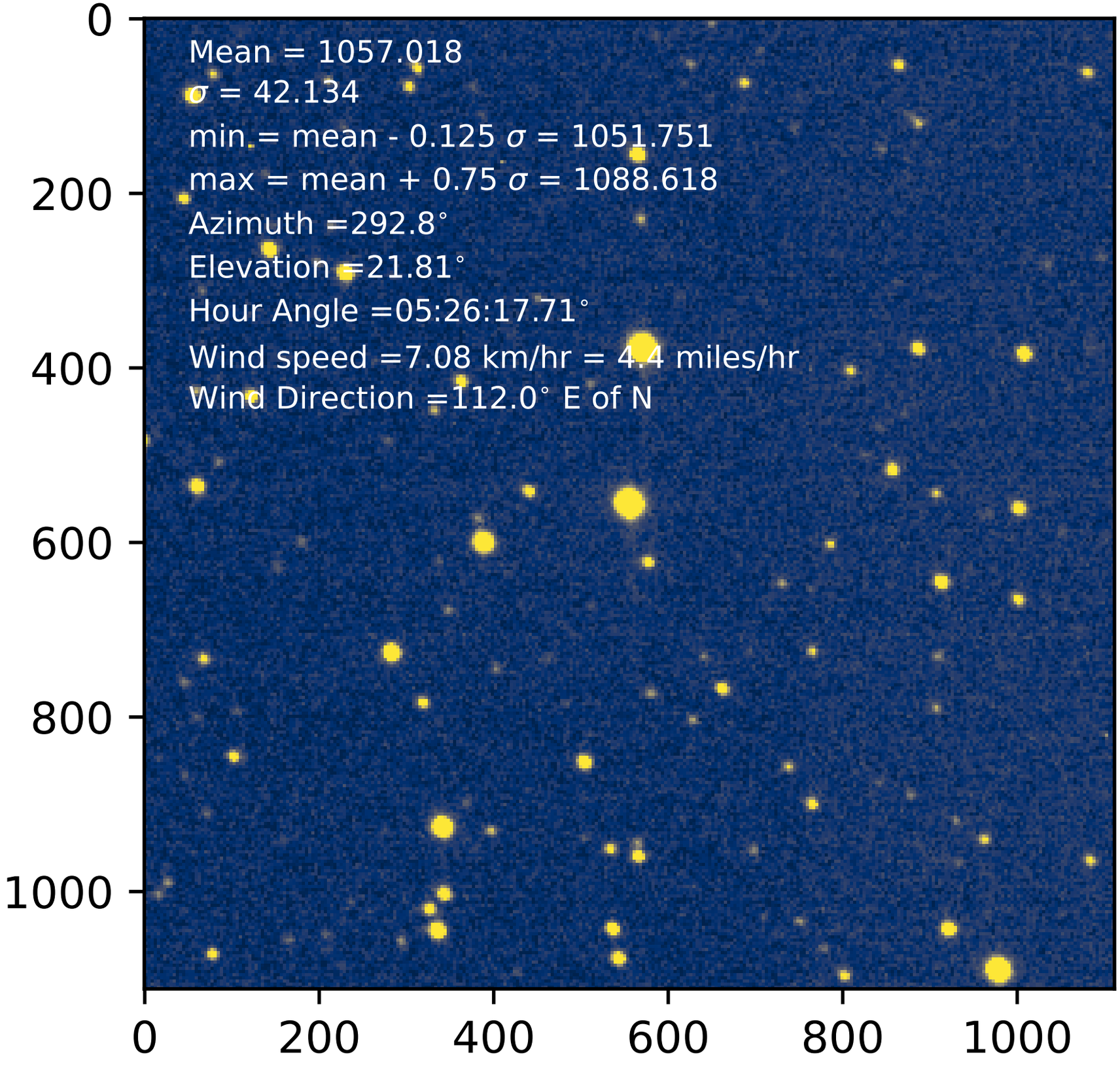

Mean = 1055.138
σ = 43.360
min = mean - 0.125 σ = 1049.718
max = mean + 0.75 σ = 1087.658
Azimuth =292.44°
Elevation =22.54°
Hour Angle =05:22:36.11°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

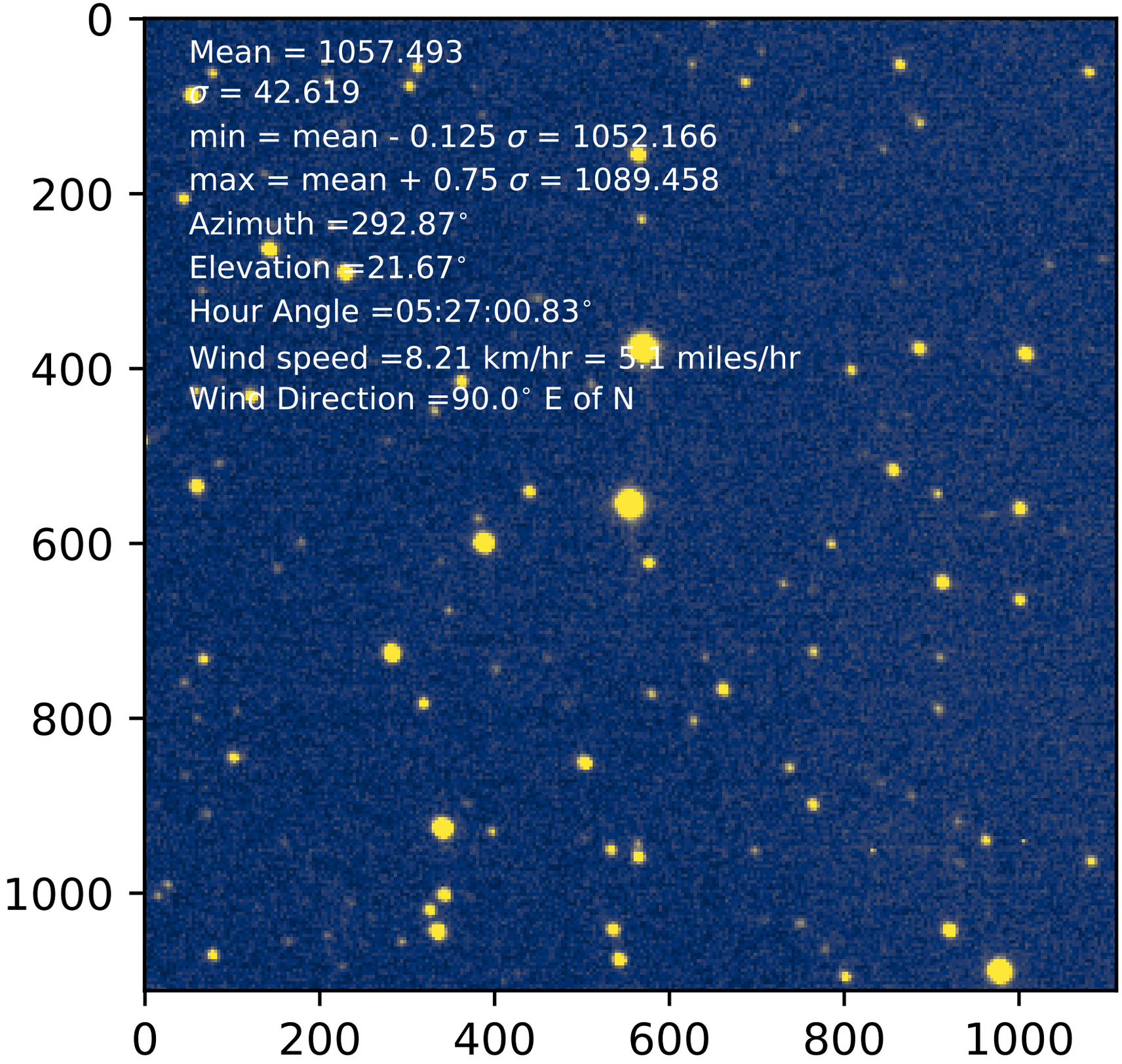

Mean = 1055.493
σ = 42.719
min = mean - 0.125 σ = 1050.153
max = mean + 0.75 σ = 1087.532
Azimuth =292.52°
Elevation =22.38°
Hour Angle =05:23:23.24°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

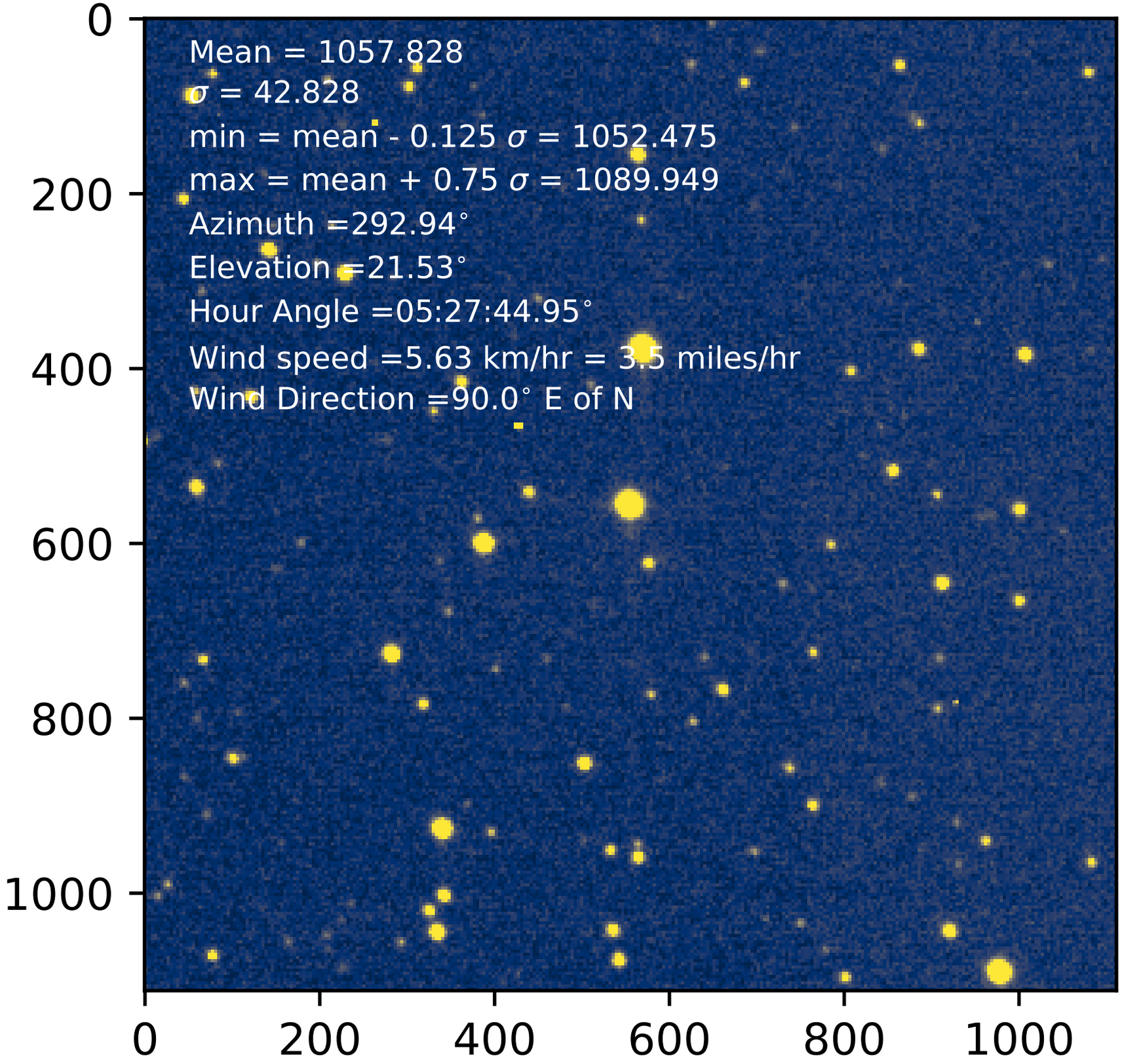

Mean = 1055.602
σ = 43.105
min = mean - 0.125 σ = 1050.214
max = mean + 0.75 σ = 1087.931
Azimuth =292.59°
Elevation =22.24°
Hour Angle =05:24:06.35°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

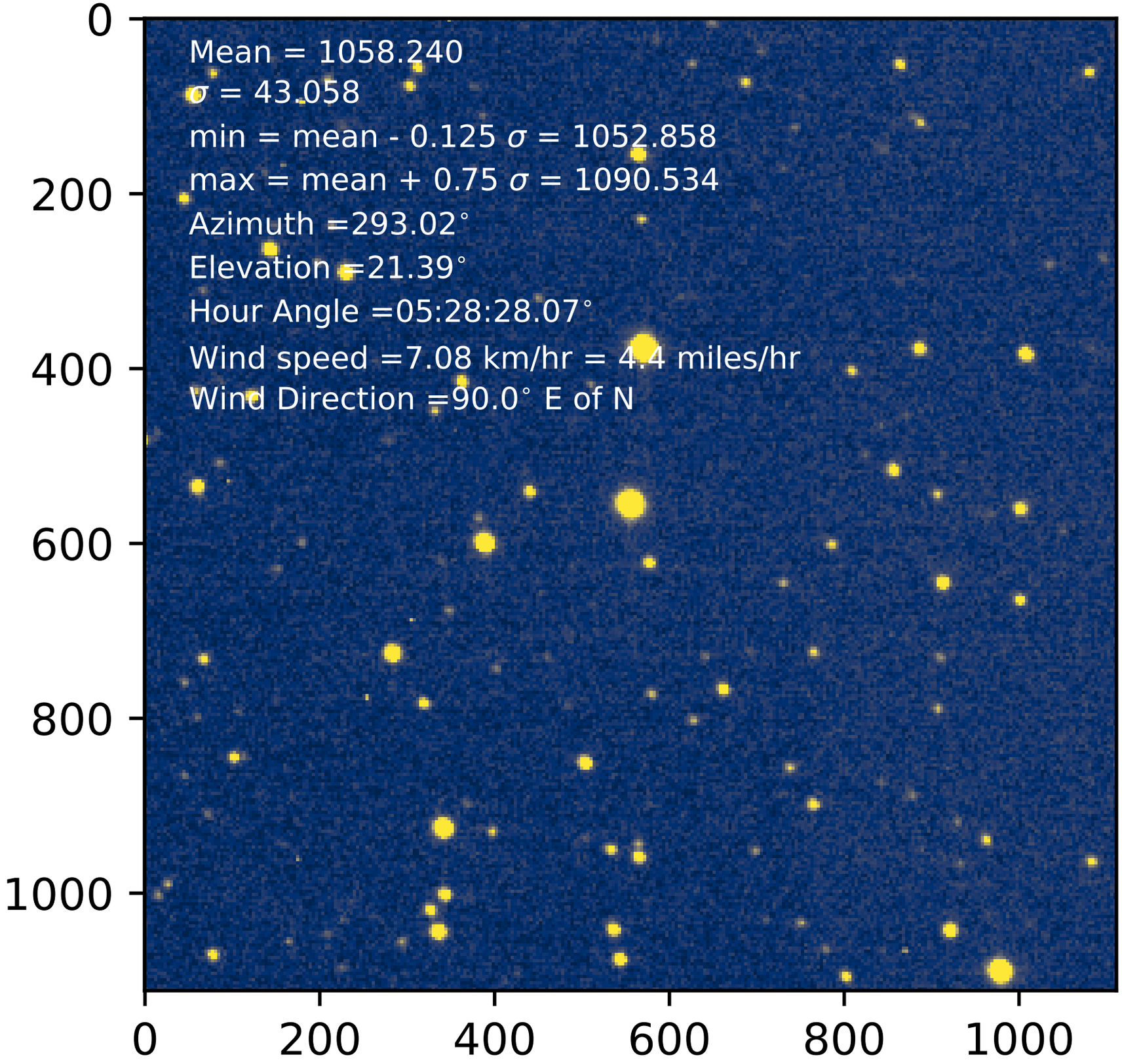

Mean = 1055.999
σ = 42.633
min = mean - 0.125 σ = 1050.67
max = mean + 0.75 σ = 1087.973
Azimuth =292.66°
Elevation =22.1°
Hour Angle =05:24:50.47°
Wind speed =8.69 km/hr = 5.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

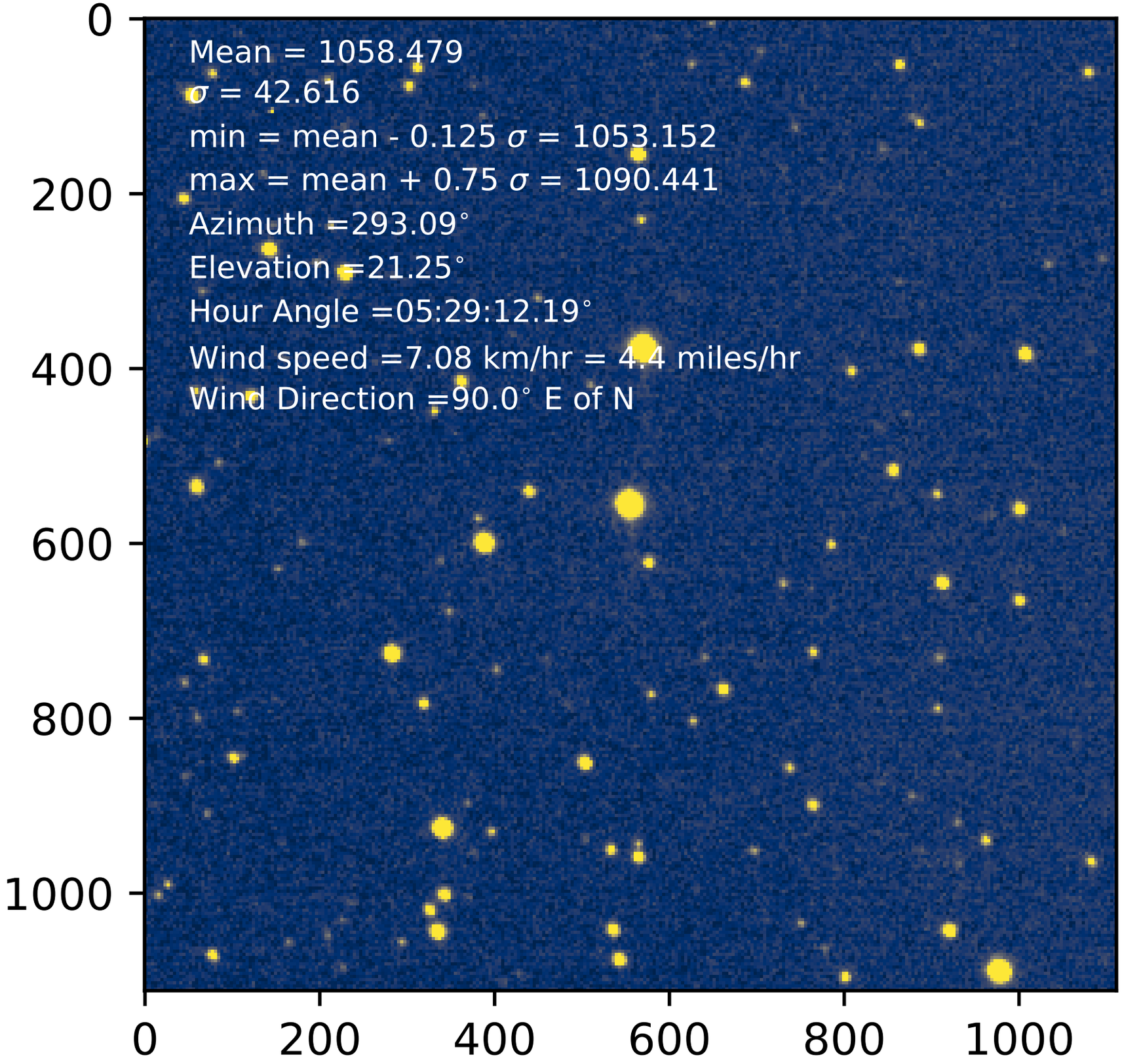

Mean = 1056.532
σ = 42.714
min = mean - 0.125 σ = 1051.192
max = mean + 0.75 σ = 1088.567
Azimuth =292.73°
Elevation =21.96°
Hour Angle =05:25:33.59°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000

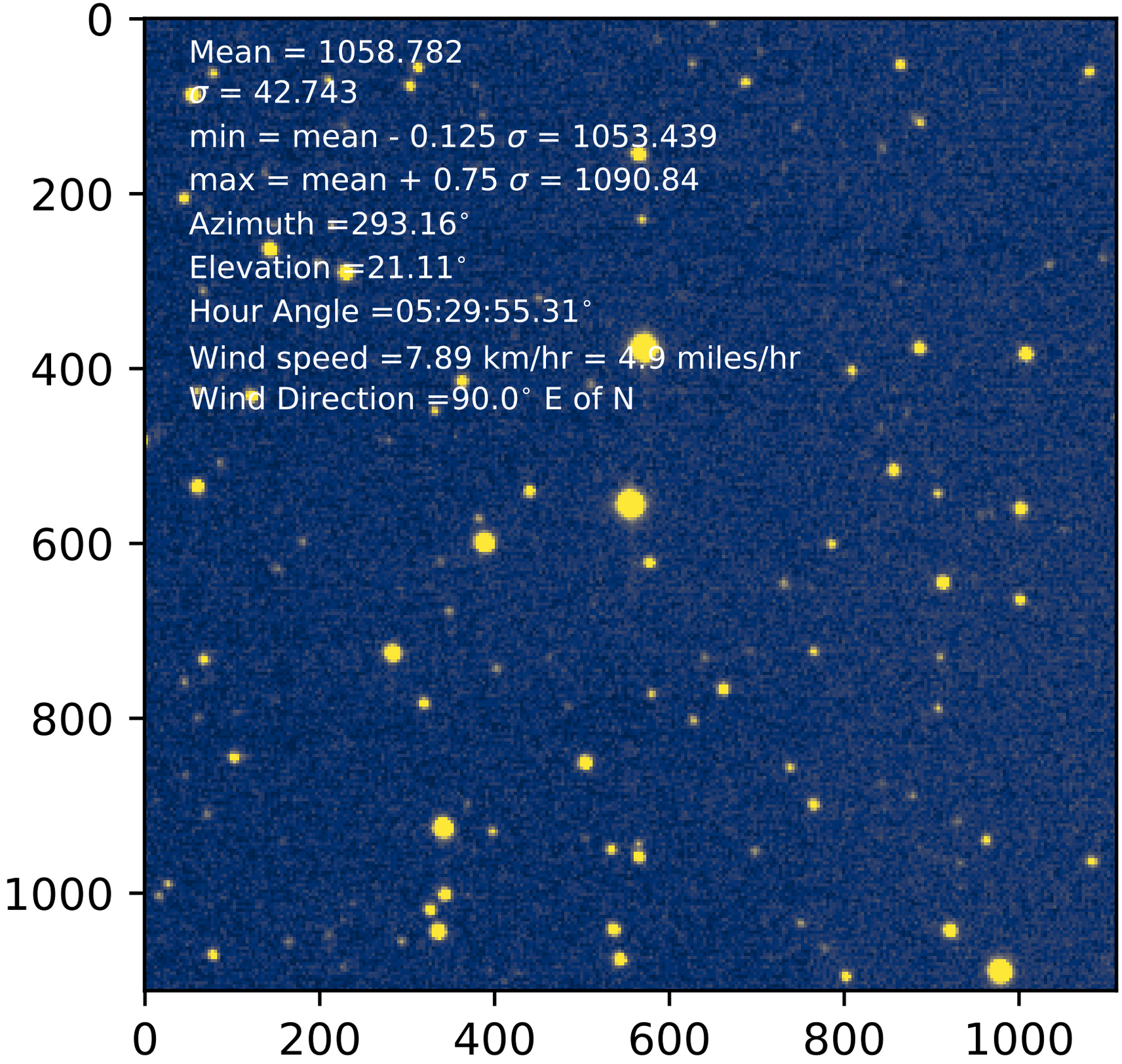

Mean = 1057.018
σ = 42.134
min = mean - 0.125 σ = 1051.751
max = mean + 0.75 σ = 1088.618
Azimuth =292.8°
Elevation =21.81°
Hour Angle =05:26:17.71°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =112.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1057.493
σ = 42.619
min = mean - 0.125 σ = 1052.166
max = mean + 0.75 σ = 1089.458
Azimuth =292.87°
Elevation =21.67°
Hour Angle =05:27:00.83°
Wind speed =8.21 km/hr = 5.1 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1057.828
σ = 42.828
min = mean - 0.125 σ = 1052.475
max = mean + 0.75 σ = 1089.949
Azimuth =292.94°
Elevation =21.53°
Hour Angle =05:27:44.95°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1058.240
σ = 43.058
min = mean - 0.125 σ = 1052.858
max = mean + 0.75 σ = 1090.534
Azimuth =293.02°
Elevation =21.39°
Hour Angle =05:28:28.07°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1058.479
σ = 42.616
min = mean - 0.125 σ = 1053.152
max = mean + 0.75 σ = 1090.441
Azimuth =293.09°
Elevation =21.25°
Hour Angle =05:29:12.19°
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000


Mean = 1058.782
σ = 42.743
min = mean - 0.125 σ = 1053.439
max = mean + 0.75 σ = 1090.84
Azimuth =293.16°
Elevation =21.11°
Hour Angle =05:29:55.31°
Wind speed =7.89 km/hr = 4.9 miles/hr
Wind Direction =90.0° E of N
0
200
400
600
800
1000
0
200
400
600
800
1000