

0

Mean = 1058.568

σ = 55.620

min = mean - 0.125 σ = 1051.616

max = mean + 0.75 σ = 1100.283

Azimuth = 67.18°

Elevation = 21.65°

Hour Angle = -05:27:02.06°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

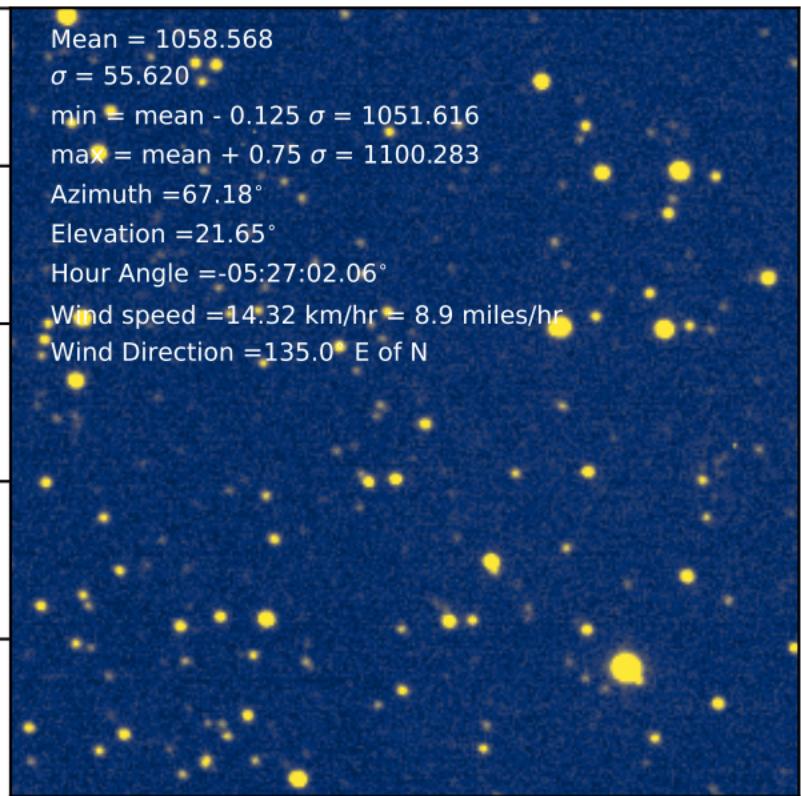
0

200

400

600

800



0

Mean = 1060.652

σ = 59.803

min = mean - 0.125 σ = 1053.177

max = mean + 0.75 σ = 1105.505

Azimuth = 67.27°

Elevation = 21.82°

Hour Angle = -05:26:09.92°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

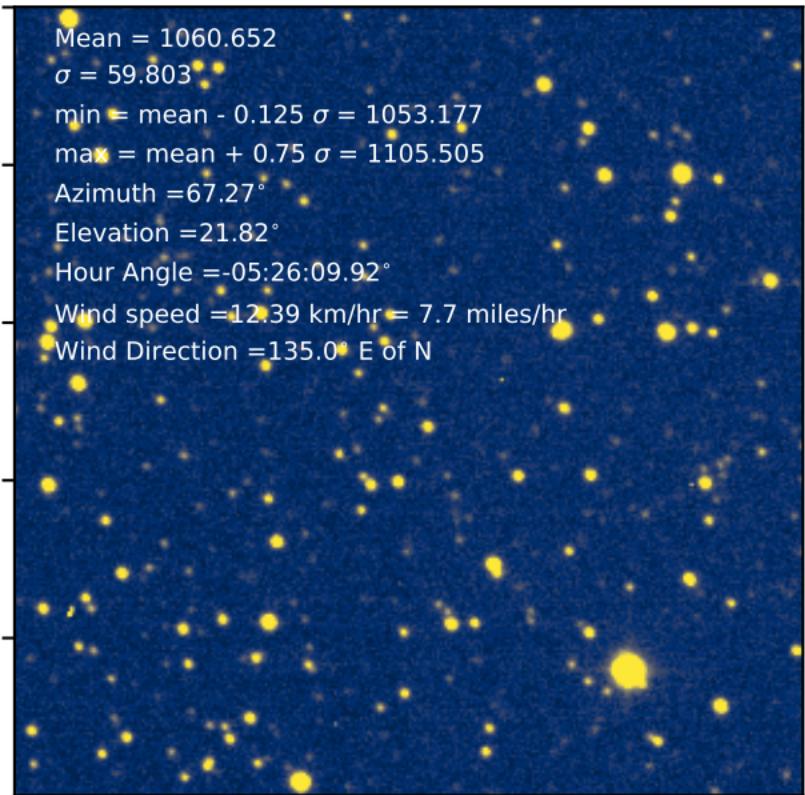
0

200

400

600

800



0

Mean = 1071.004

σ = 66.852

min = mean - 0.125 σ = 1062.648

max = mean + 0.75 σ = 1121.144

Azimuth = 67.35°

Elevation = 21.97°

Hour Angle = -05:25:22.79°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

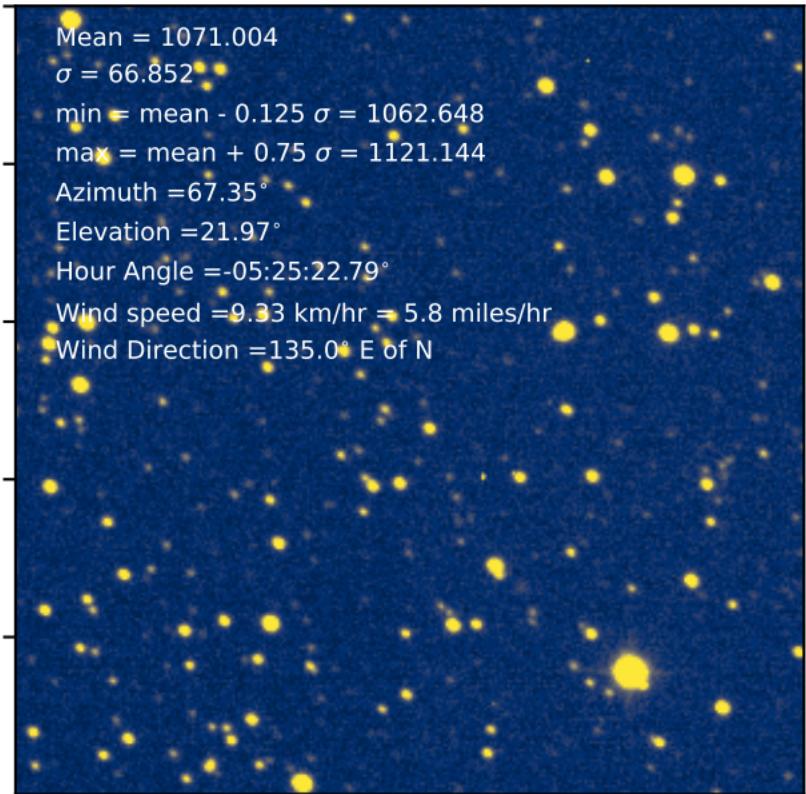
0

200

400

600

800



0

Mean = 1057.500

σ = 55.462

min = mean - 0.125 σ = 1050.567

max = mean + 0.75 σ = 1099.096

Azimuth = 67.43°

Elevation = 22.14°

Hour Angle = -05:24:29.64°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

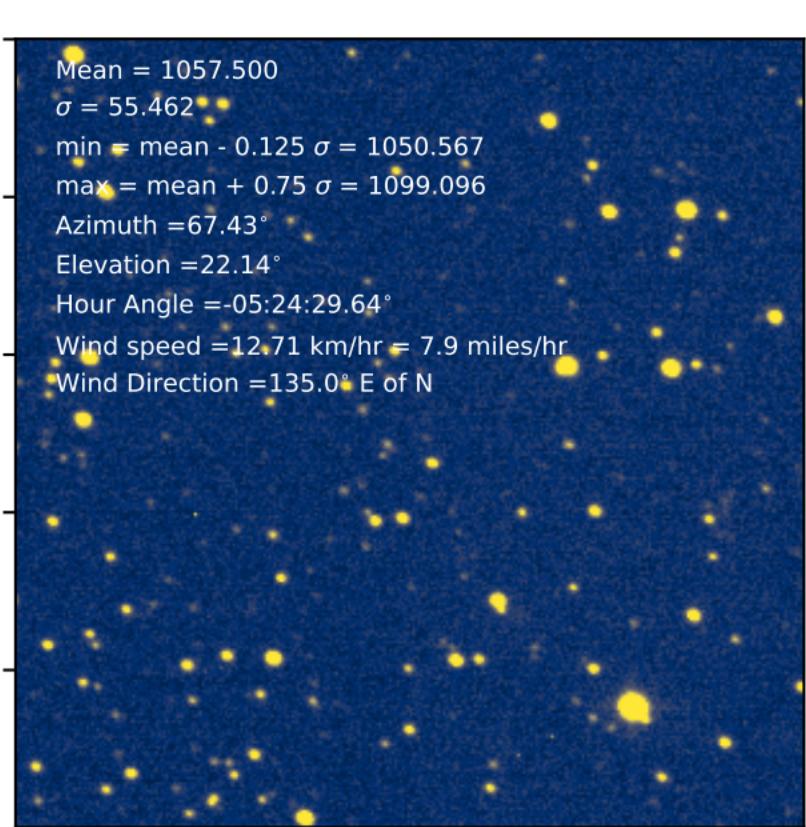
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1060.543

σ = 59.708

min = mean - 0.125 σ = 1053.079

max = mean + 0.75 σ = 1105.323

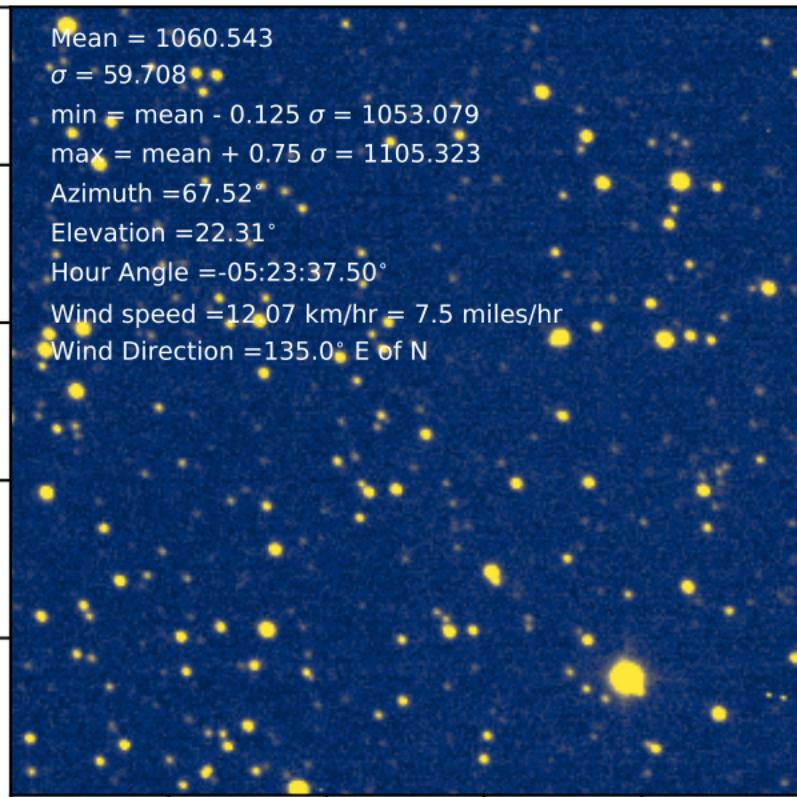
Azimuth = 67.52°

Elevation = 22.31°

Hour Angle = -05:23:37.50°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N



0

200

400

600

800

0

200

400

600

800

Mean = 1057.217

σ = 55.734

min = mean - 0.125 σ = 1050.25

max = mean + 0.75 σ = 1099.017

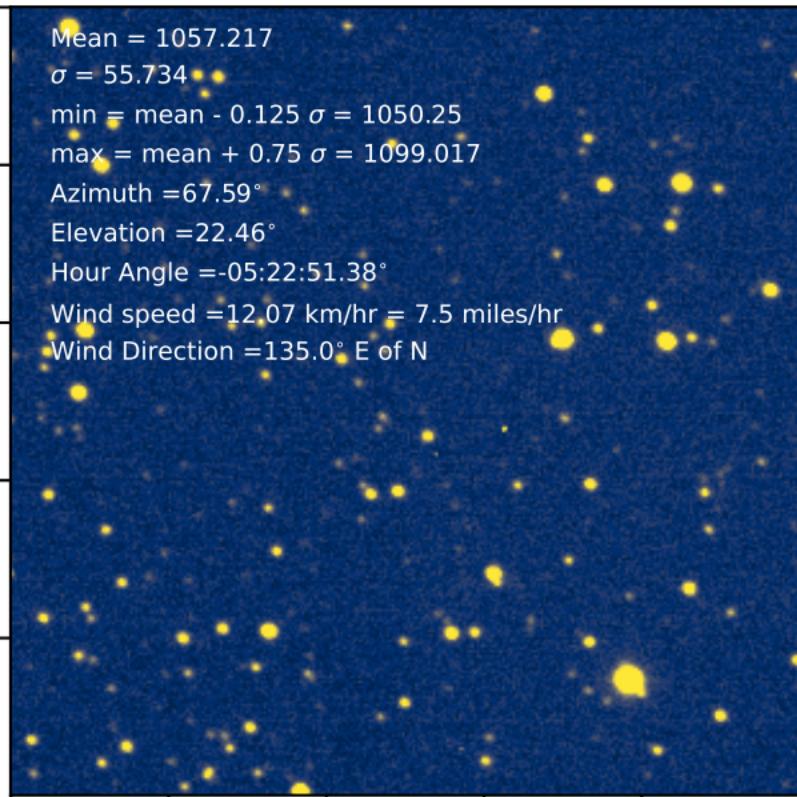
Azimuth = 67.59°

Elevation = 22.46°

Hour Angle = -05:22:51.38°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1060.361

σ = 59.232

min = mean - 0.125 σ = 1052.956

max = mean + 0.75 σ = 1104.785

Azimuth = 67.68°

Elevation = 22.64°

Hour Angle = -05:21:59.23°

200

400

600

800

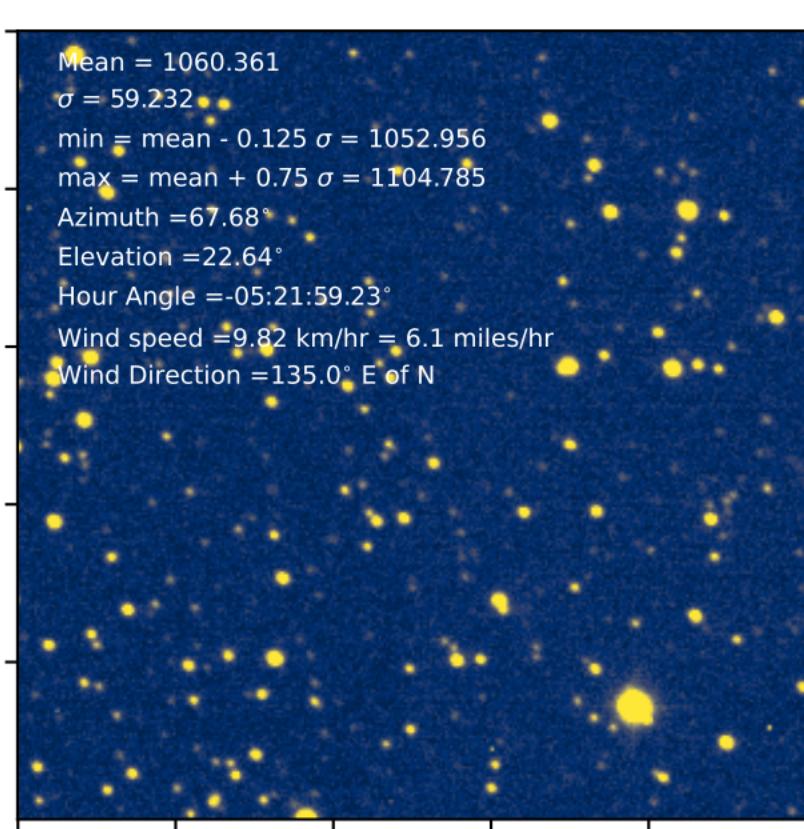
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1068.647

σ = 68.061

min = mean - 0.125 σ = 1060.139

max = mean + 0.75 σ = 1119.693

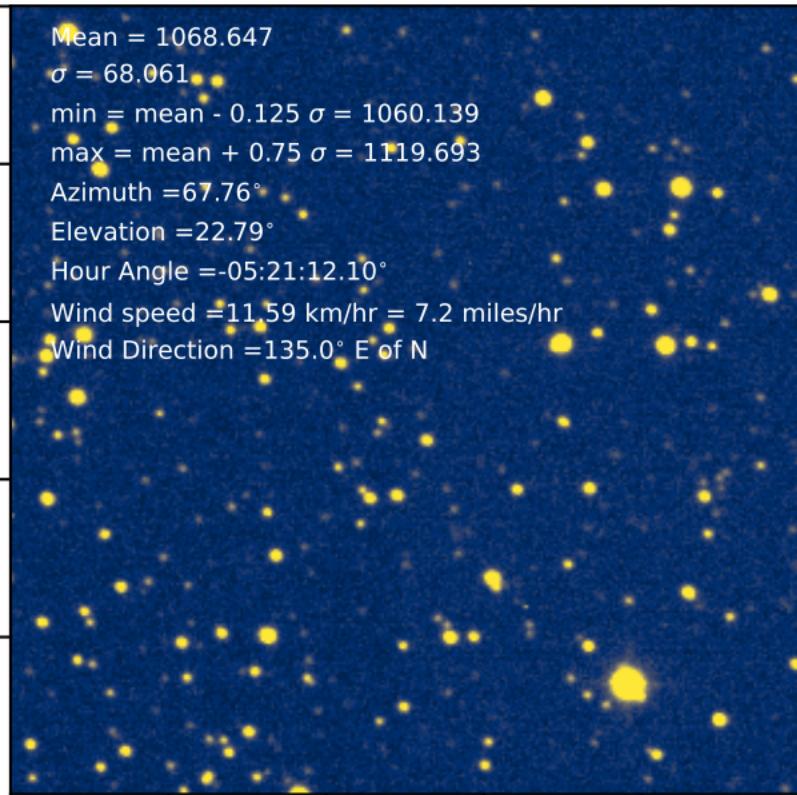
Azimuth = 67.76°

Elevation = 22.79°

Hour Angle = -05:21:12.10°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1056.497

σ = 55.980

min = mean - 0.125 σ = 1049.499

max = mean + 0.75 σ = 1098.482

Azimuth = 67.84°

Elevation = 22.96°

Hour Angle = -05:20:18.96°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

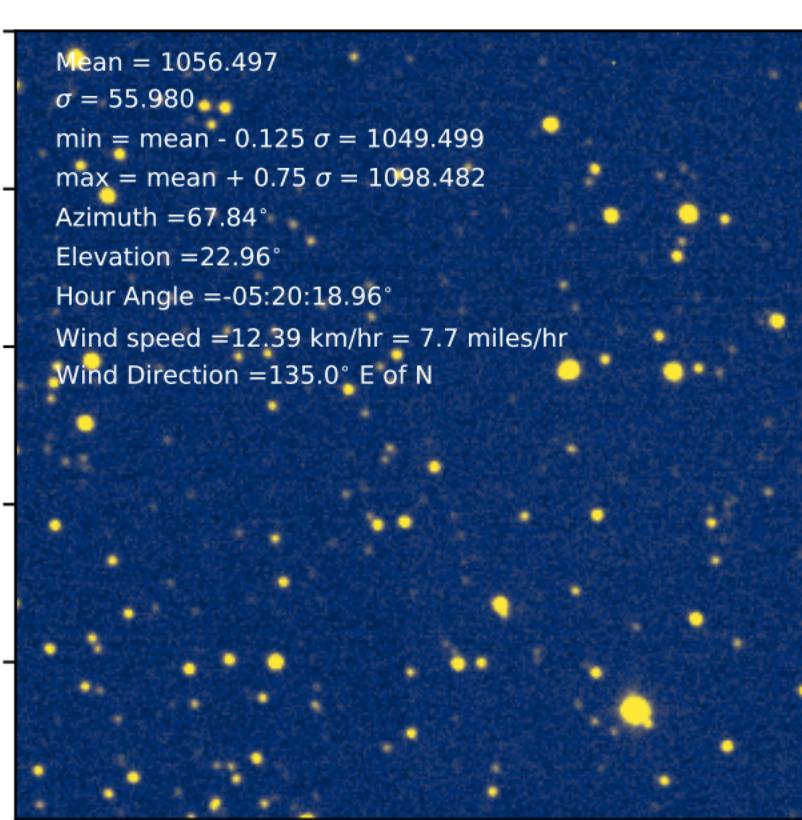
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1059.482

σ = 59.618

min = mean - 0.125 σ = 1052.03

max = mean + 0.75 σ = 1104.195

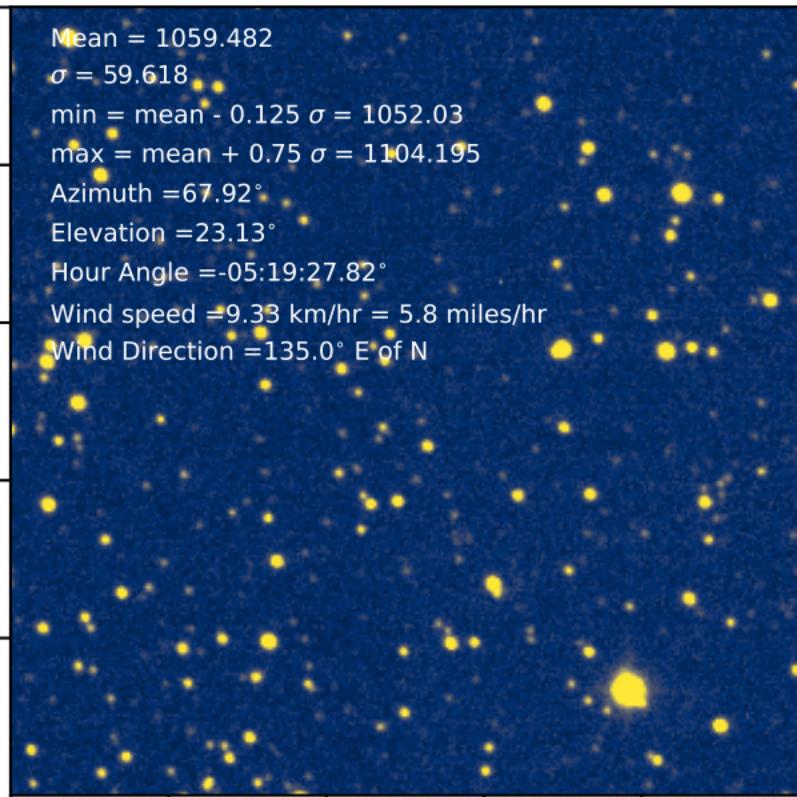
Azimuth = 67.92°

Elevation = 23.13°

Hour Angle = -05:19:27.82°

Wind speed = 9.38 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1067.600

σ = 68.318

min = mean - 0.125 σ = 1059.06

max = mean + 0.75 σ = 1118.838

Azimuth = 68.0°

Elevation = 23.29°

Hour Angle = -05:18:40.69°

Wind speed = 9.38 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

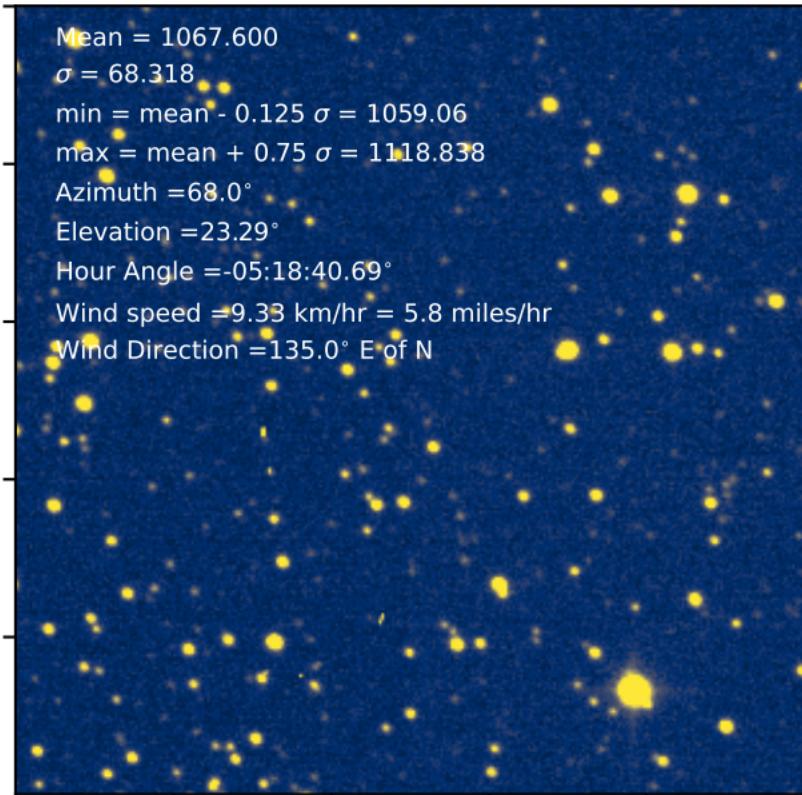
0

200

400

600

800



0

Mean = 1055.729

σ = 56.376

min = mean - 0.125 σ = 1048.682

max = mean + 0.75 σ = 1098.011

Azimuth = 68.09°

Elevation = 23.46°

Hour Angle = -05:17:47.55°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

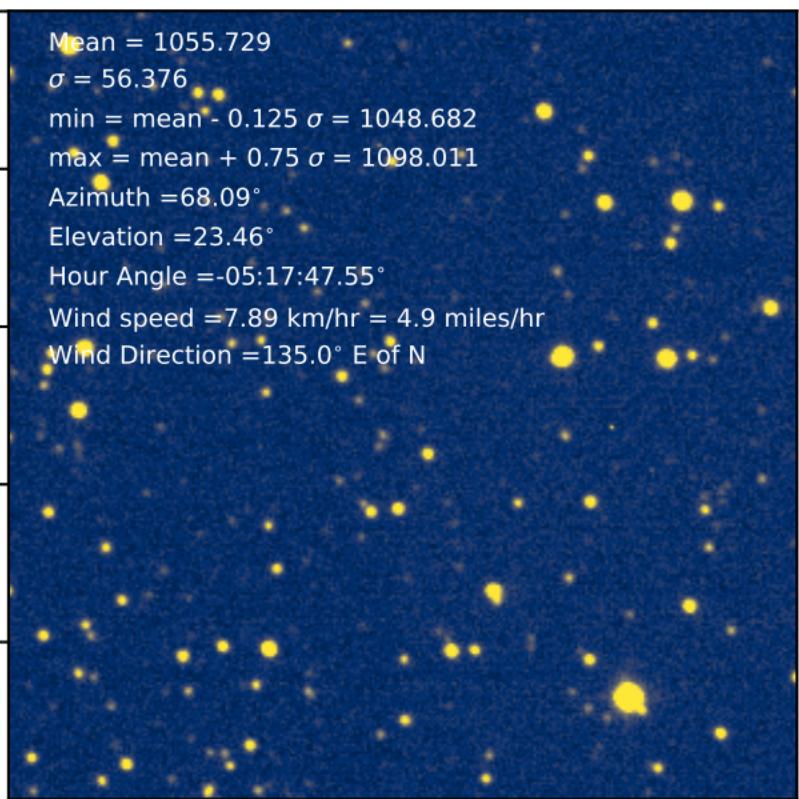
0

200

400

600

800



0

Mean = 1058.941

σ = 59.997

min = mean - 0.125 σ = 1051.442

max = mean + 0.75 σ = 1103.939

Azimuth = 68.17°

Elevation = 23.63°

Hour Angle = -05:16:55.40°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

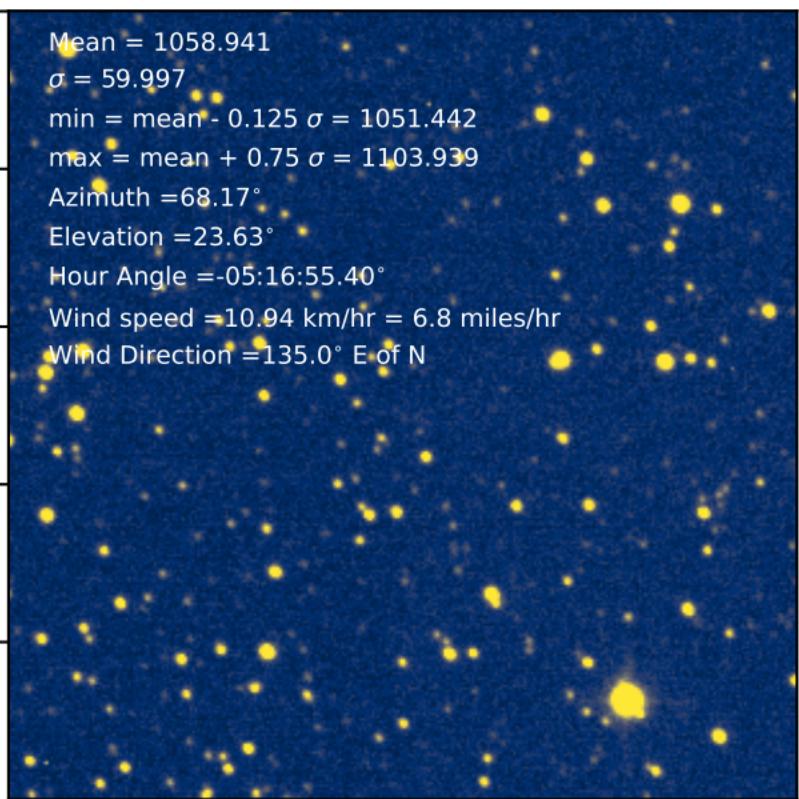
0

200

400

600

800



0

Mean = 1055.408

σ = 56.525

min = mean - 0.125 σ = 1048.342

max = mean + 0.75 σ = 1097.802

Azimuth = 68.24°

Elevation = 23.78°

Hour Angle = -05:16:09.28°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

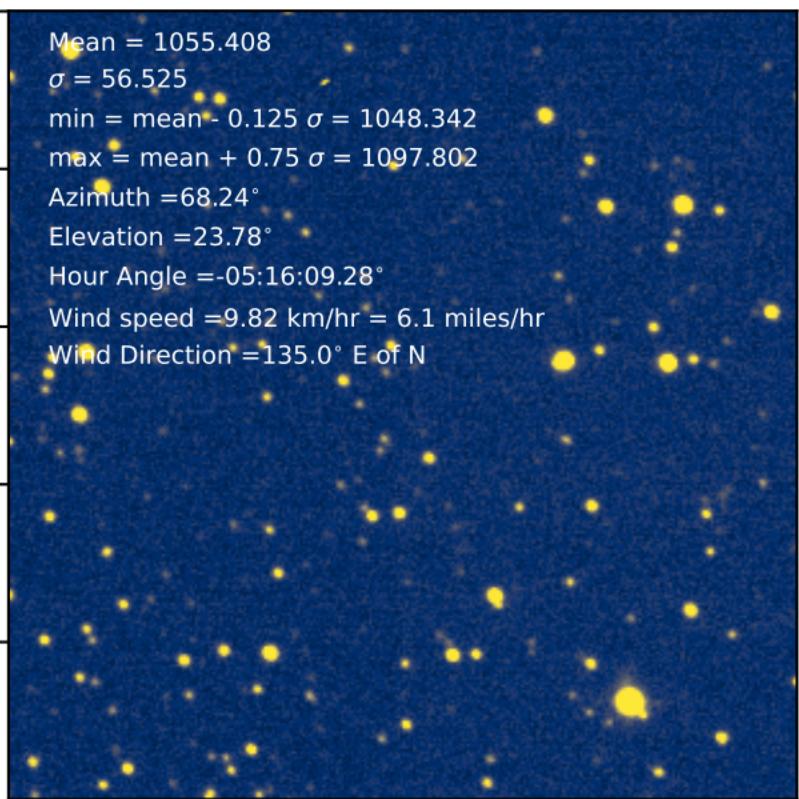
0

200

400

600

800



0

Mean = 1058.784

σ = 60.396

min = mean - 0.125 σ = 1051.234

max = mean + 0.75 σ = 1104.081

Azimuth = 68.33°

Elevation = 23.95°

Hour Angle = -05:15:17.14°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

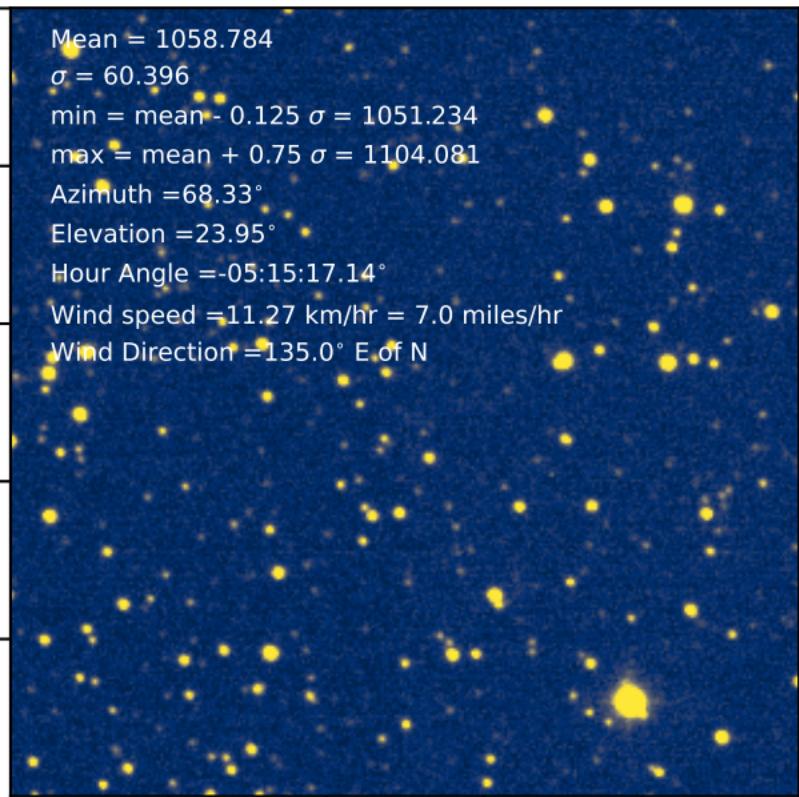
0

200

400

600

800



0

Mean = 1066.692

σ = 69.077

min = mean - 0.125 σ = 1058.057

max = mean + 0.75 σ = 1118.5

Azimuth = 68.4°

Elevation = 24.11°

Hour Angle = -05:14:30.01°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

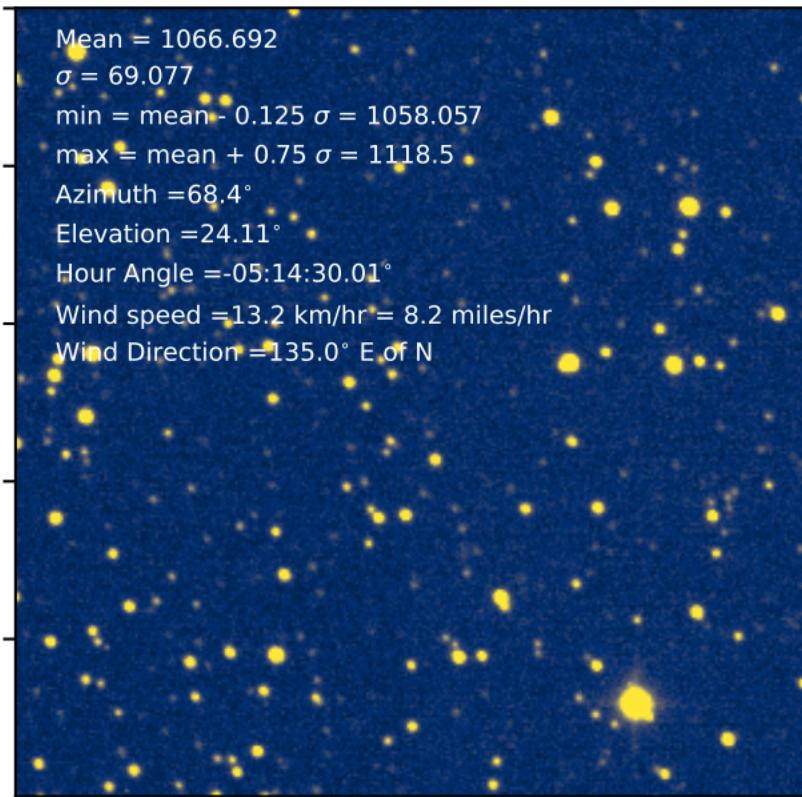
0

200

400

600

800



0

Mean = 1054.781

σ = 57.118

min = mean - 0.125 σ = 1047.642

max = mean + 0.75 σ = 1097.62

Azimuth = 68.49°

Elevation = 24.29°

Hour Angle = -05:13:36.86°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

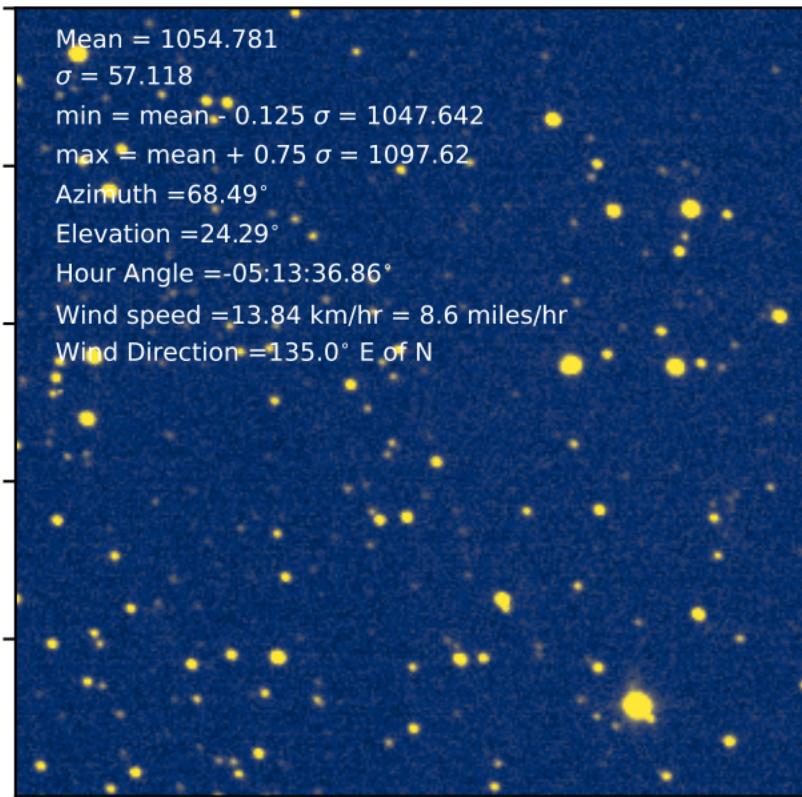
0

200

400

600

800



0

Mean = 1059.544

σ = 59.590

min = mean - 0.125 σ = 1052.096

max = mean + 0.75 σ = 1104.237

Azimuth = 68.57°

Elevation = 24.46°

Hour Angle = -05:12:44.72°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

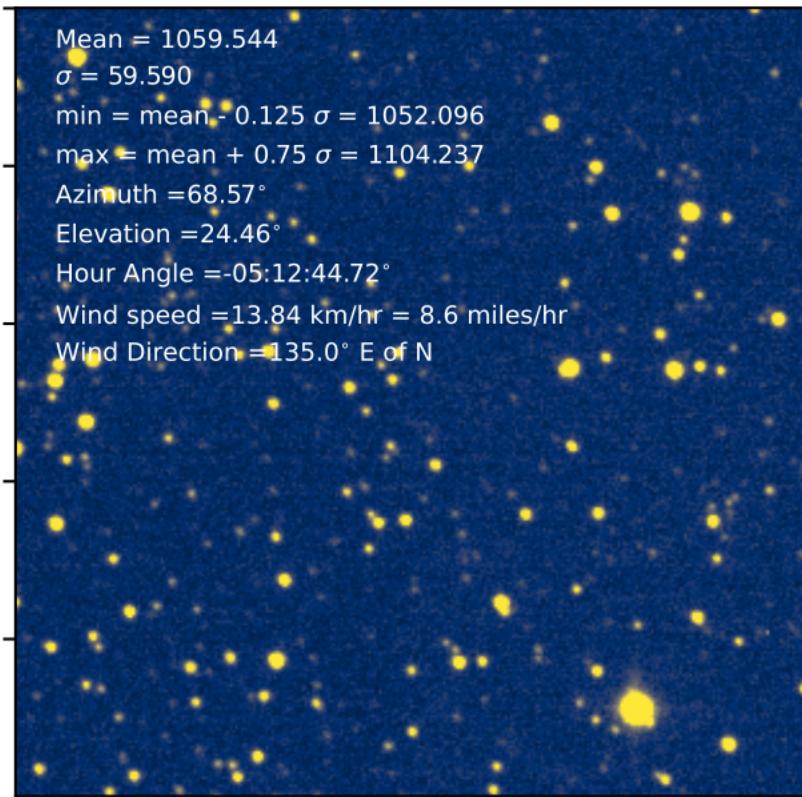
0

200

400

600

800



0

Mean = 1065.679

σ = 68.624

min = mean - 0.125 σ = 1057.101

max = mean + 0.75 σ = 1117.147

Azimuth = 68.65°

Elevation = 24.61°

Hour Angle = -05:11:57.59°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

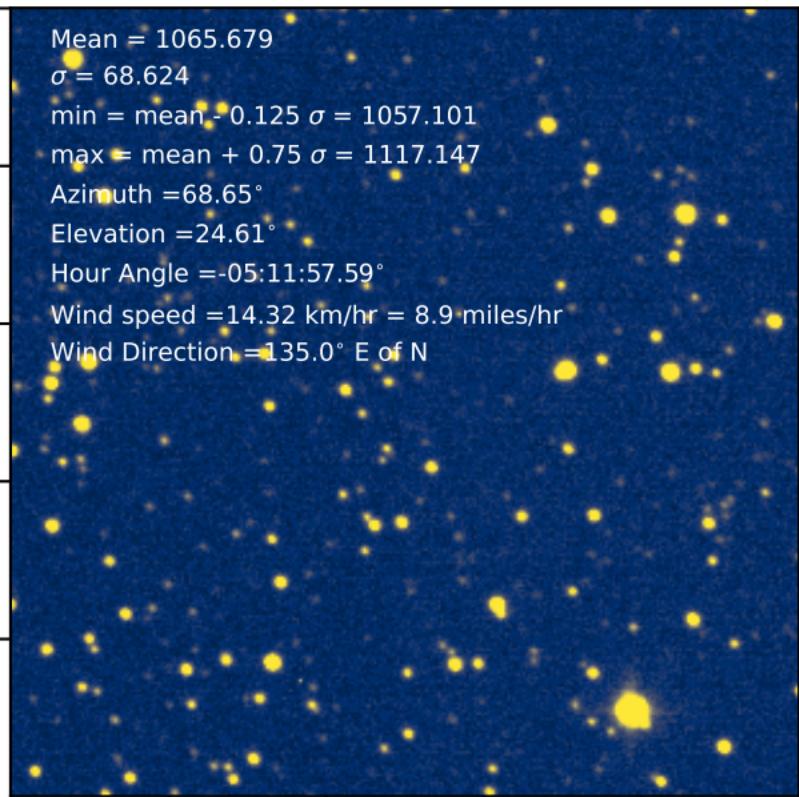
0

200

400

600

800



0

Mean = 1054.228

σ = 57.154

min = mean - 0.125 σ = 1047.084

max = mean + 0.75 σ = 1097.094

Azimuth = 68.73°

Elevation = 24.79°

Hour Angle = -05:11:04.45°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

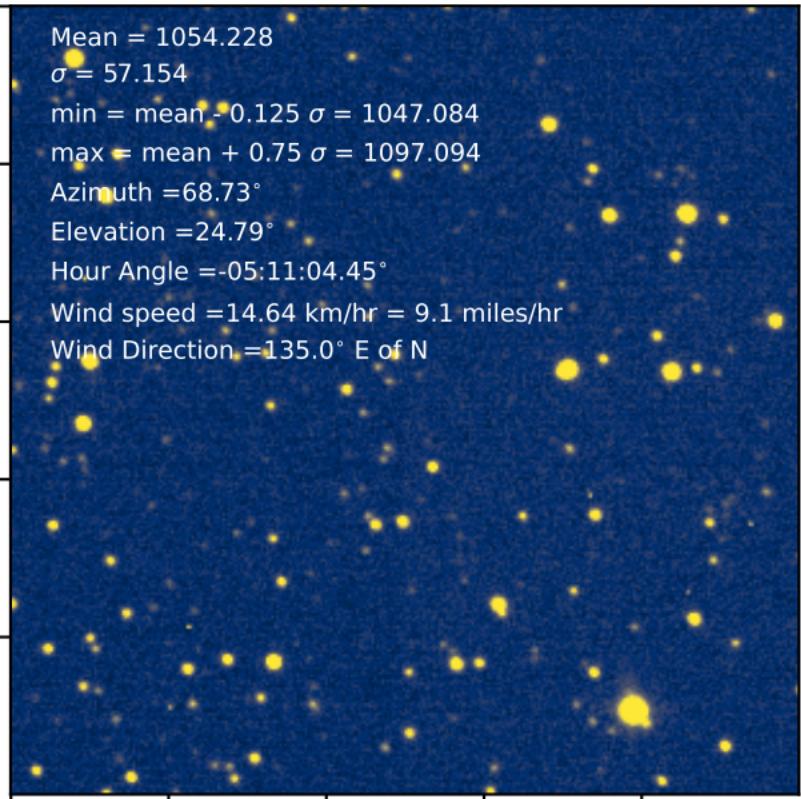
0

200

400

600

800



0

Mean = 1057.237

σ = 58.541

min = mean - 0.125 σ = 1049.919

max = mean + 0.75 σ = 1101.143

Azimuth = 68.82°

Elevation = 24.96°

Hour Angle = -05:10:12.30°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

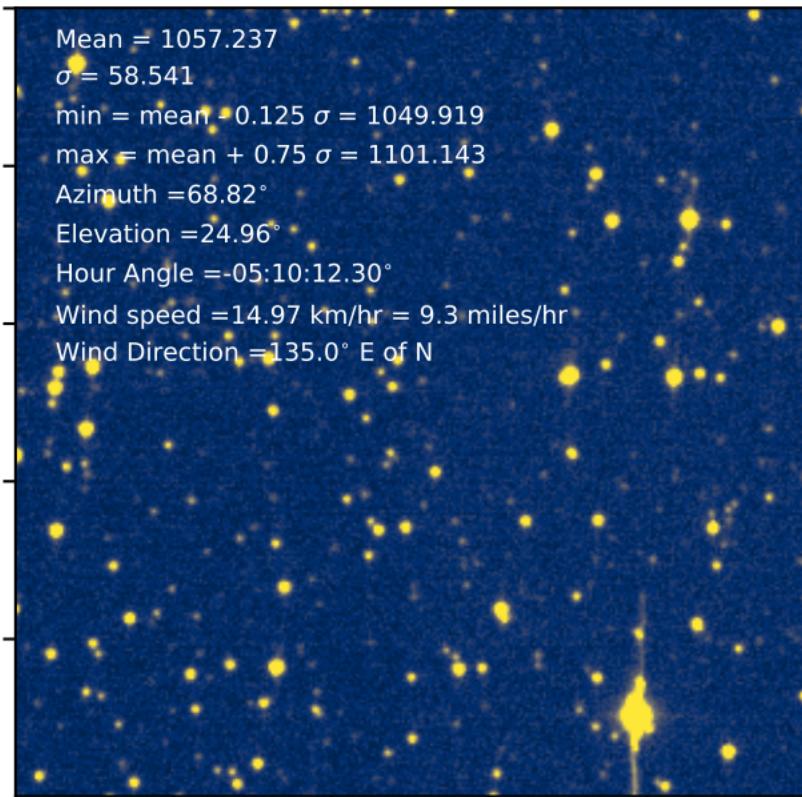
0

200

400

600

800



0

Mean = 1053.763

σ = 57.362

min = mean - 0.125 σ = 1046.593

200

max = mean + 0.75 σ = 1096.785

Azimuth = 68.89°

Elevation = 25.11°

Hour Angle = -05:09:26.18°

400

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

600

800

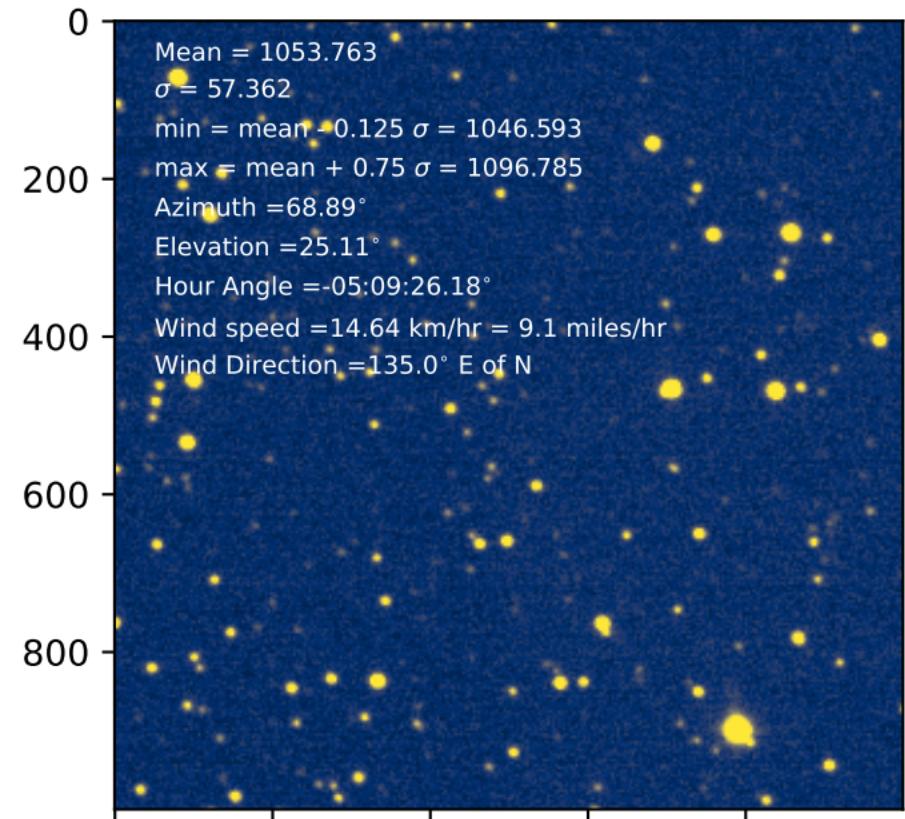
0

200

400

600

800



0

Mean = 1055.941

σ = 60.407

min = mean - 0.125 σ = 1048.39

max = mean + 0.75 σ = 1101.247

Azimuth = 68.97°

Elevation = 25.28°

Hour Angle = -05:08:35.04°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1063.783

σ = 67.497

min = mean - 0.125 σ = 1055.346

max = mean + 0.75 σ = 1114.406

Azimuth = 69.05°

Elevation = 25.44°

Hour Angle = -05:07:47.91°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1053.155

σ = 57.433

min = mean - 0.125 σ = 1045.975

max = mean + 0.75 σ = 1096.229

Azimuth = 69.13°

Elevation = 25.61°

Hour Angle = -05:06:54.76°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

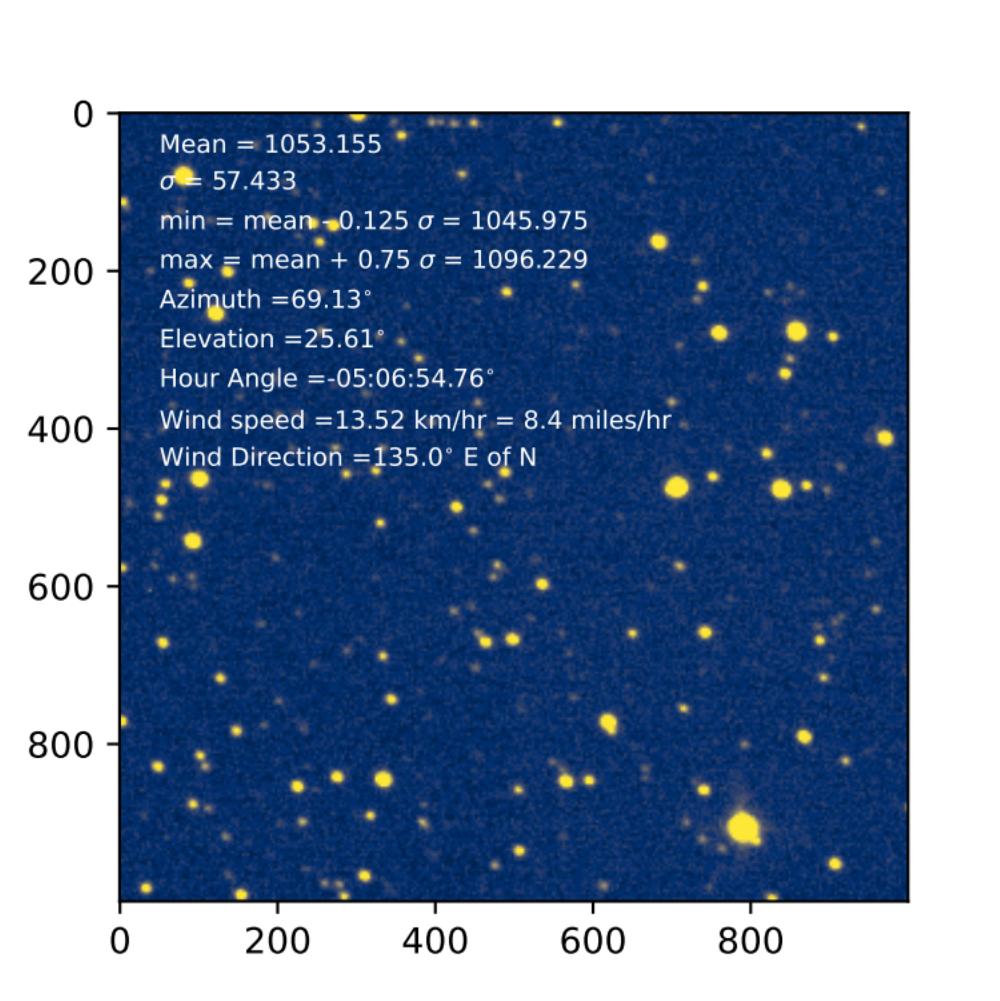
0

200

400

600

800



0

Mean = 1055.101

σ = 60.217

min = mean - 0.125 σ = 1047.574

200

max = mean + 0.75 σ = 1100.264

Azimuth = 69.21°

Elevation = 25.79°

400

Hour Angle = -05:06:02.62°

600

Wind speed = 14.97 km/hr = 9.3 miles/hr

800

Wind Direction = 135.0° E of N

0

200

400

600

800



0

Mean = 1062.574

σ = 69.590

min = mean - 0.125 σ = 1053.875

max = mean + 0.75 σ = 1114.766

Azimuth = 69.29°

Elevation = 25.94°

Hour Angle = -05:05:15.49°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

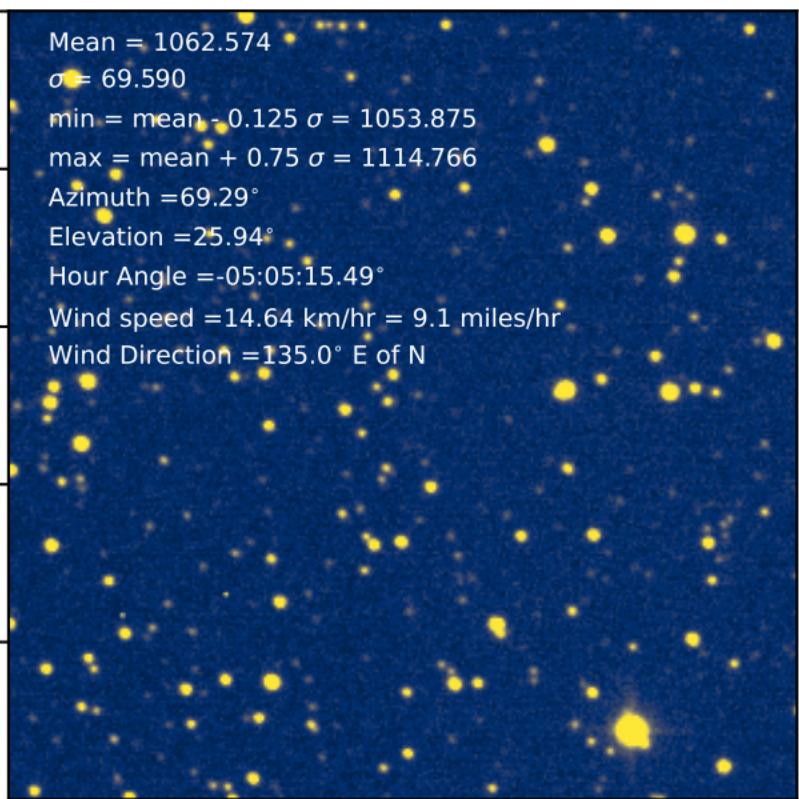
0

200

400

600

800



0

Mean = 1052.559

σ = 57.222

min = mean - 0.125 σ = 1045.406

max = mean + 0.75 σ = 1095.475

Azimuth = 69.37°

Elevation = 26.12°

Hour Angle = -05:04:22.35°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

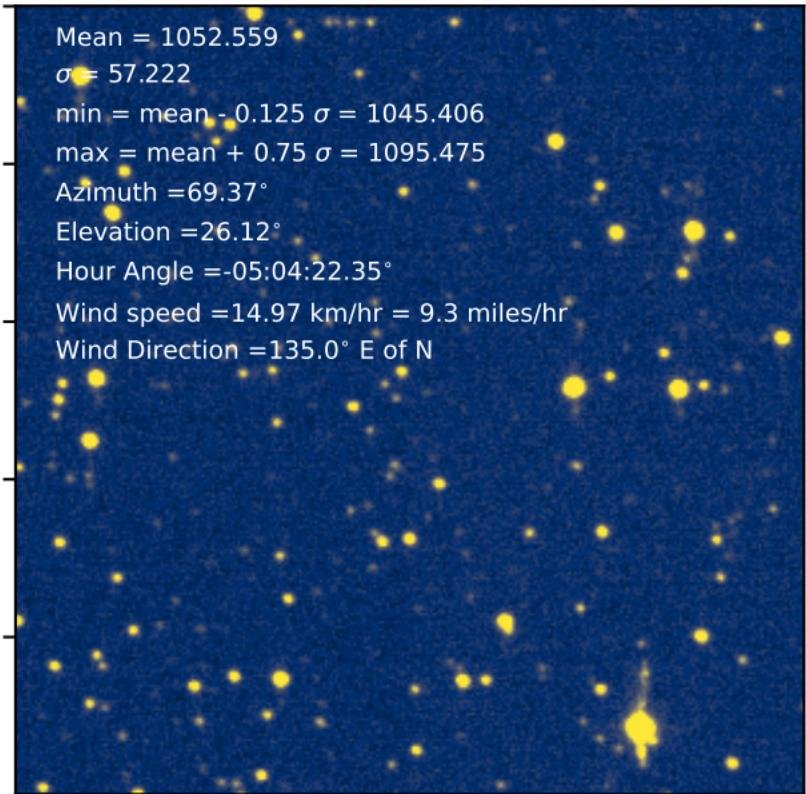
0

200

400

600

800



0

Mean = 1054.622

σ = 57.307

min = mean - 0.125 σ = 1047.458

max = mean + 0.75 σ = 1097.602

Azimuth = 69.45°

Elevation = 26.29°

Hour Angle = -05:03:30.21°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

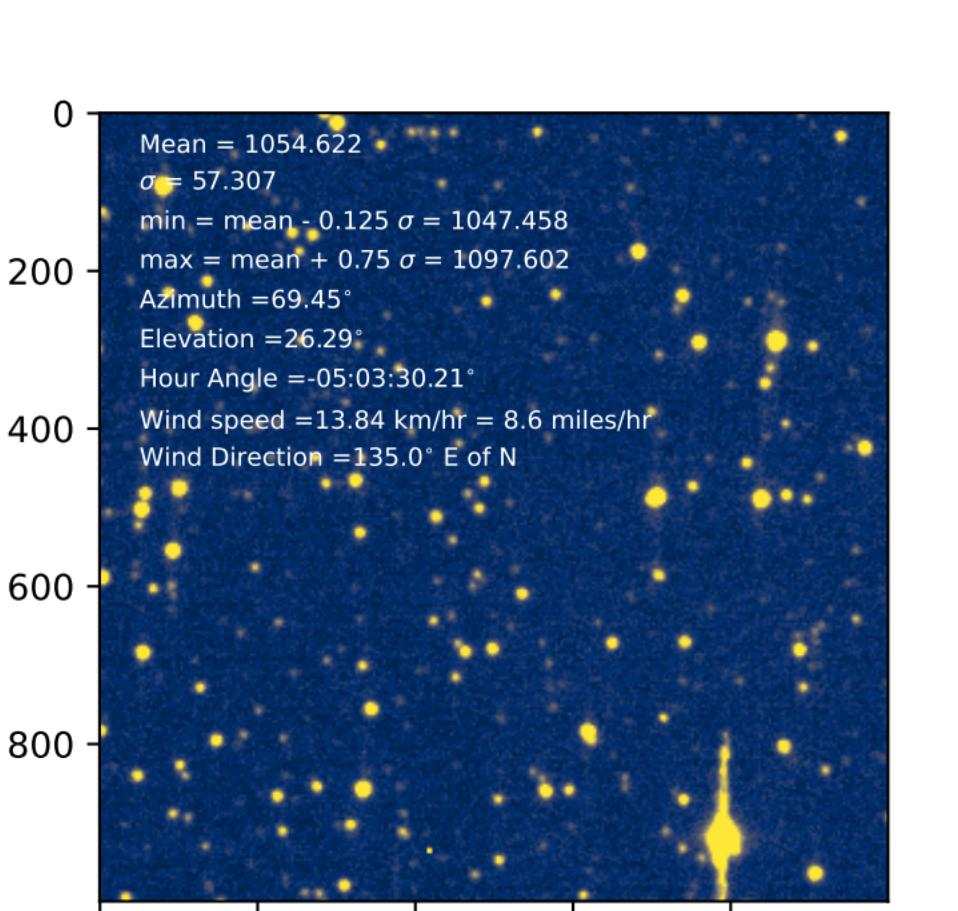
0

200

400

600

800



0

Mean = 1052.268

σ = 57.969

min = mean - 0.125 σ = 1045.021

max = mean + 0.75 σ = 1095.745

Azimuth = 69.52°

Elevation = 26.44°

Hour Angle = -05:02:44.08°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

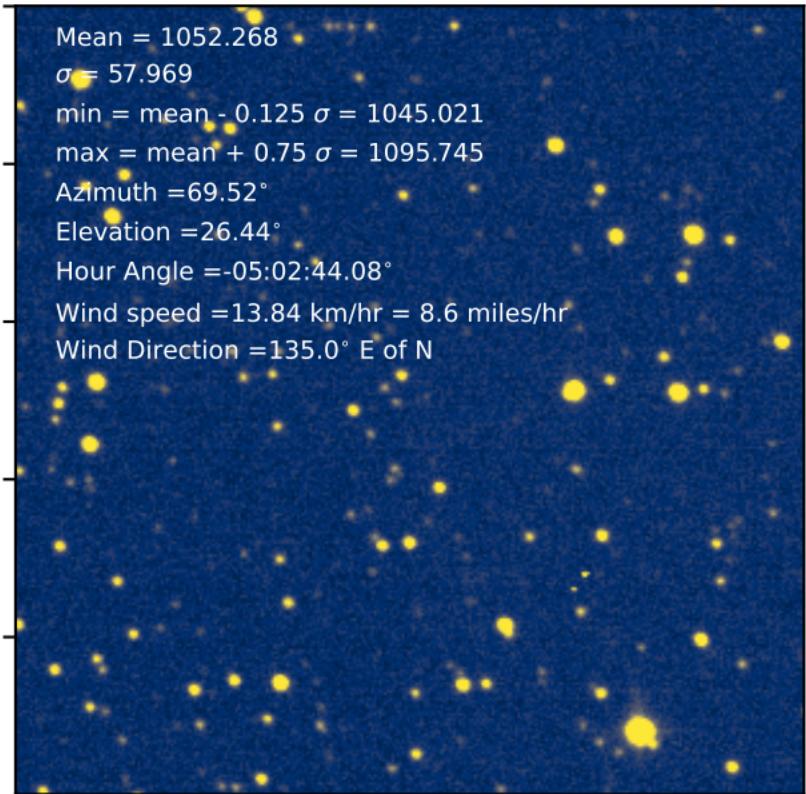
0

200

400

600

800



0

Mean = 1054.372

σ = 59.904

min = mean - 0.125 σ = 1046.884

max = mean + 0.75 σ = 1099.3

Azimuth = 69.61°

Elevation = 26.62°

Hour Angle = -05:01:51.94°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

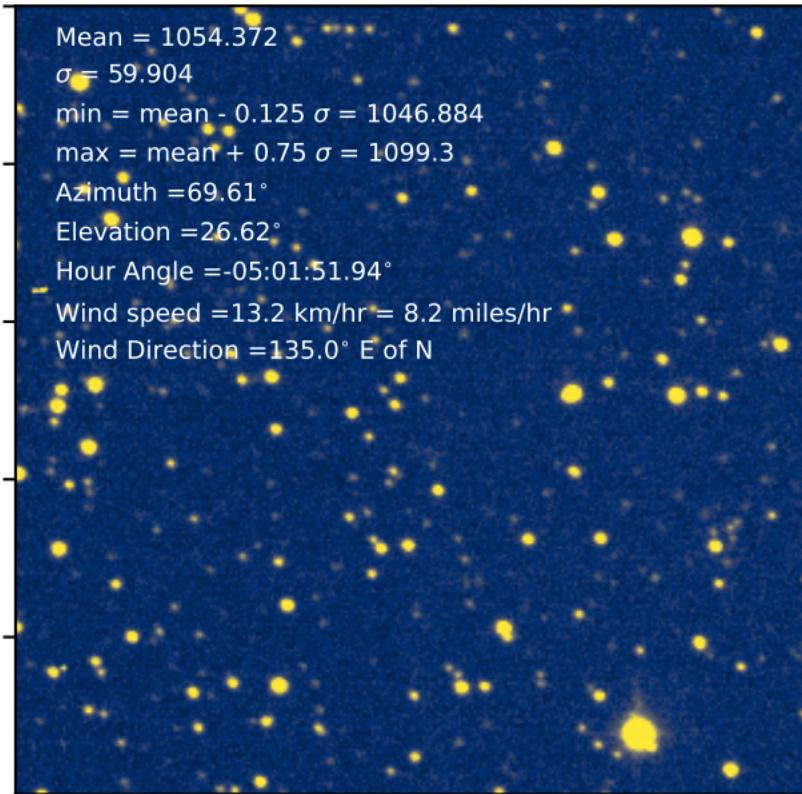
0

200

400

600

800



0

Mean = 1061.700

σ = 68.541

min = mean - 0.125 σ = 1053.133

max = mean + 0.75 σ = 1113.106

Azimuth = 69.68°

Elevation = 26.77°

Hour Angle = -05:01:04.81°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

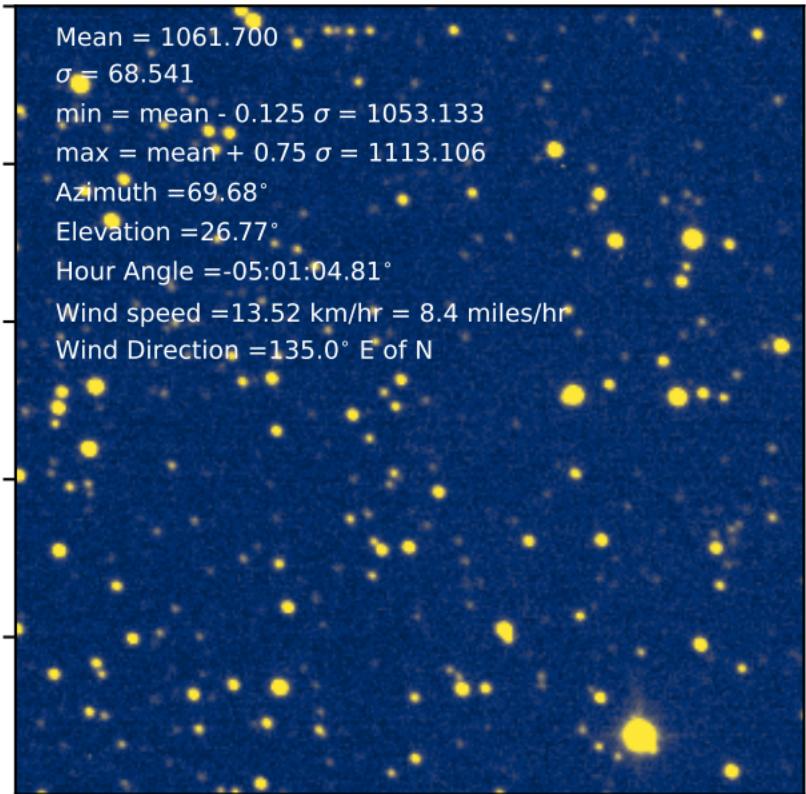
0

200

400

600

800



0

Mean = 1051.757

σ = 56.114

min = mean - 0.125 σ = 1044.743

max = mean + 0.75 σ = 1093.843

Azimuth = 69.76°

Elevation = 26.95°

Hour Angle = -05:00:11.66°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

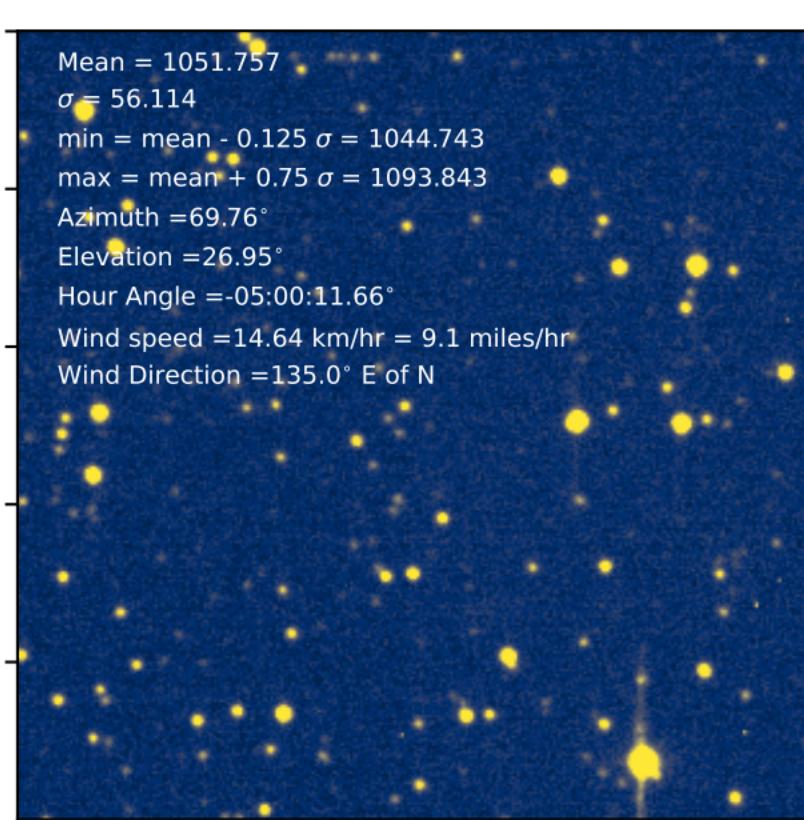
0

200

400

600

800



0

Mean = 1053.190

σ = 58.582

min = mean - 0.125 σ = 1045.867

max = mean + 0.75 σ = 1097.126

Azimuth = 69.85°

Elevation = 27.12°

Hour Angle = -04:59:19.52°

200

400

600

800

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

0

200

400

600

800

0

Mean = 1061.542

σ = 66.388

min = mean - 0.125 σ = 1053.243

max = mean + 0.75 σ = 1111.333

Azimuth = 69.92°

Elevation = 27.28°

Hour Angle = -04:58:32.39°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1050.987

σ = 56.446

min = mean - 0.125 σ = 1043.932

max = mean + 0.75 σ = 1093.322

Azimuth = 70.0°

Elevation = 27.46°

Hour Angle = -04:57:39.25°

200

400

600

800

0

200

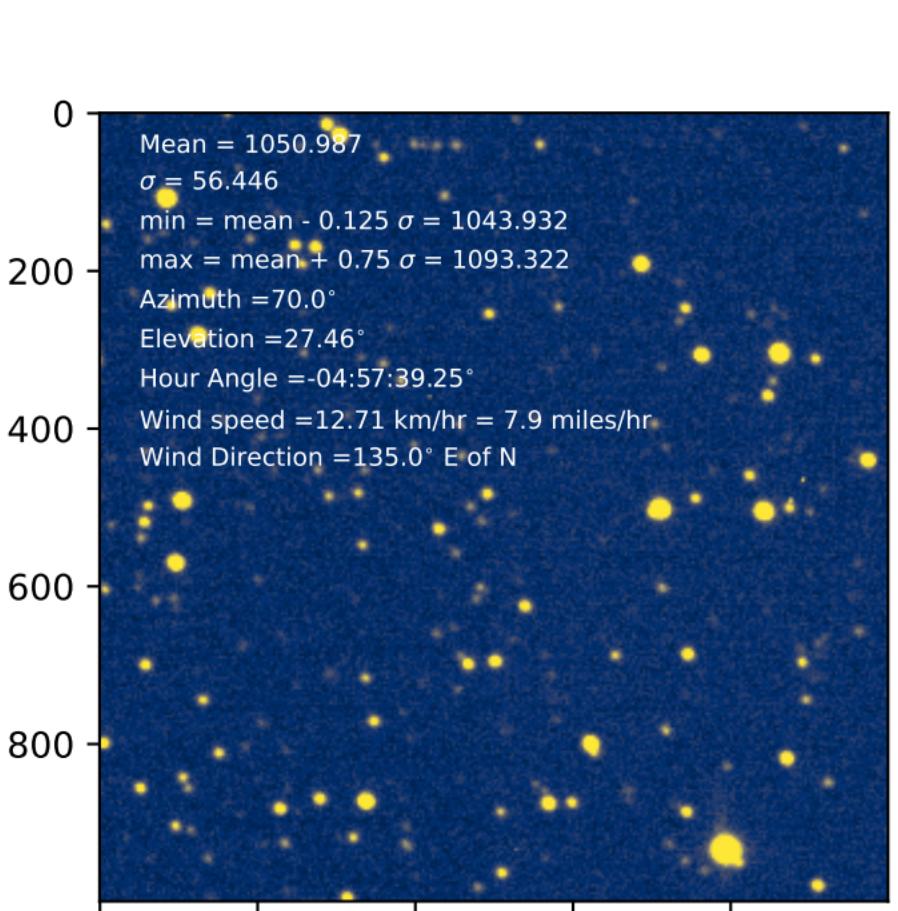
400

600

800

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1052.188

σ = 59.183

min = mean - 0.125 σ = 1044.79

max = mean + 0.75 σ = 1096.576

Azimuth = 70.33°

Elevation = 28.16°

Hour Angle = -04:54:07.67°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

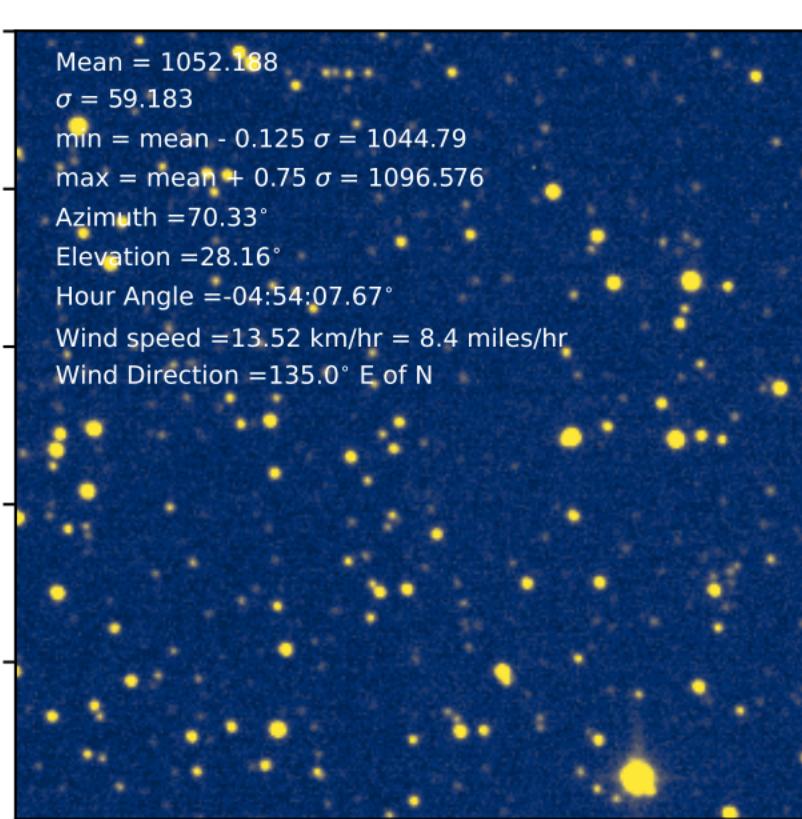
0

200

400

600

800



0

Mean = 1050.343

σ = 57.304

min = mean - 0.125 σ = 1043.18

max = mean + 0.75 σ = 1093.321

Azimuth = 70.4°

Elevation = 28.32°

Hour Angle = -04:53:20.54°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

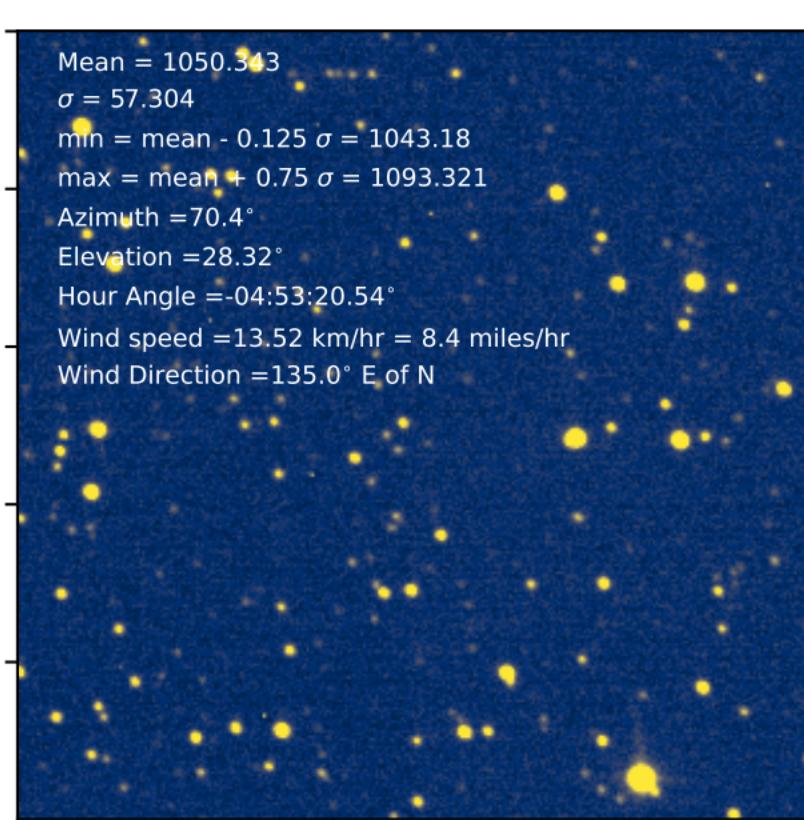
0

200

400

600

800



0

Mean = 1051.510

σ = 57.985

min = mean - 0.125 σ = 1044.262

max = mean + 0.75 σ = 1094.999

Azimuth = 70.48°

Elevation = 28.49°

Hour Angle = -04:52:28.40°

200

400

600

800

0

200

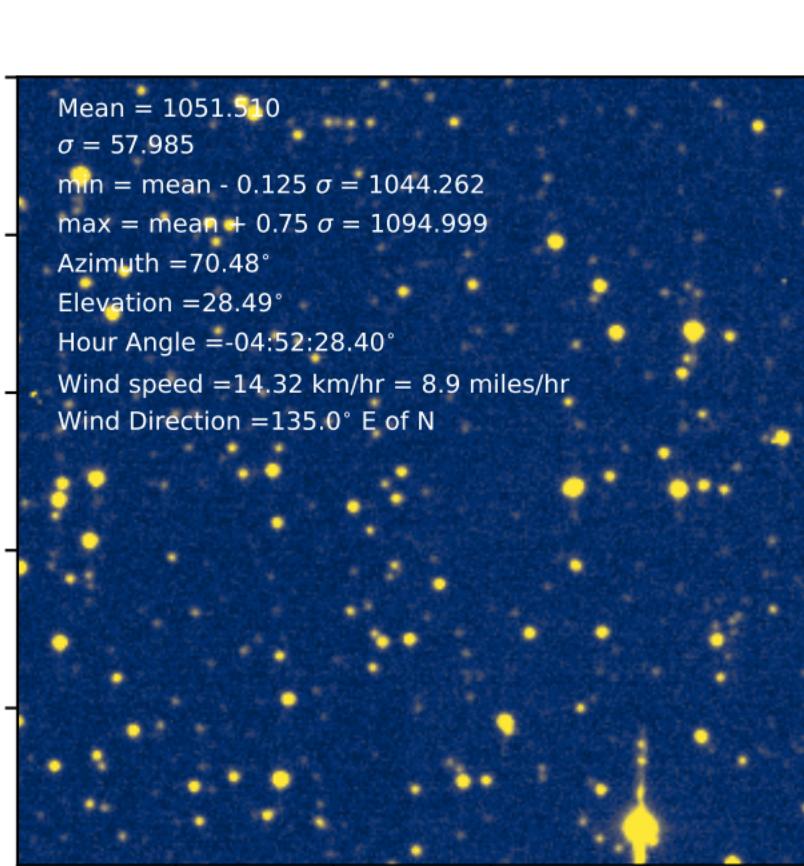
400

600

800

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1058.207

σ = 67.390

min = mean - 0.125 σ = 1049.783

max = mean + 0.75 σ = 1108.75

Azimuth = 70.56°

Elevation = 28.65°

Hour Angle = -04:51:41.27°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

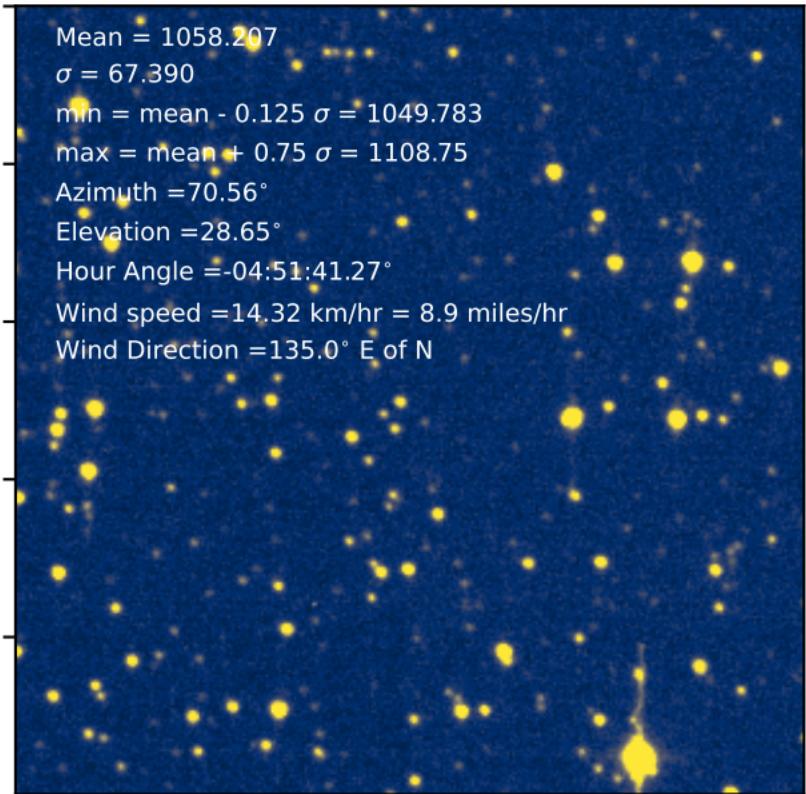
0

200

400

600

800



0

Mean = 1049.482

σ = 56.020

min = mean - 0.125 σ = 1042.48

max = mean + 0.75 σ = 1091.498

Azimuth = 70.64°

Elevation = 28.83°

Hour Angle = -04:50:48.12°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

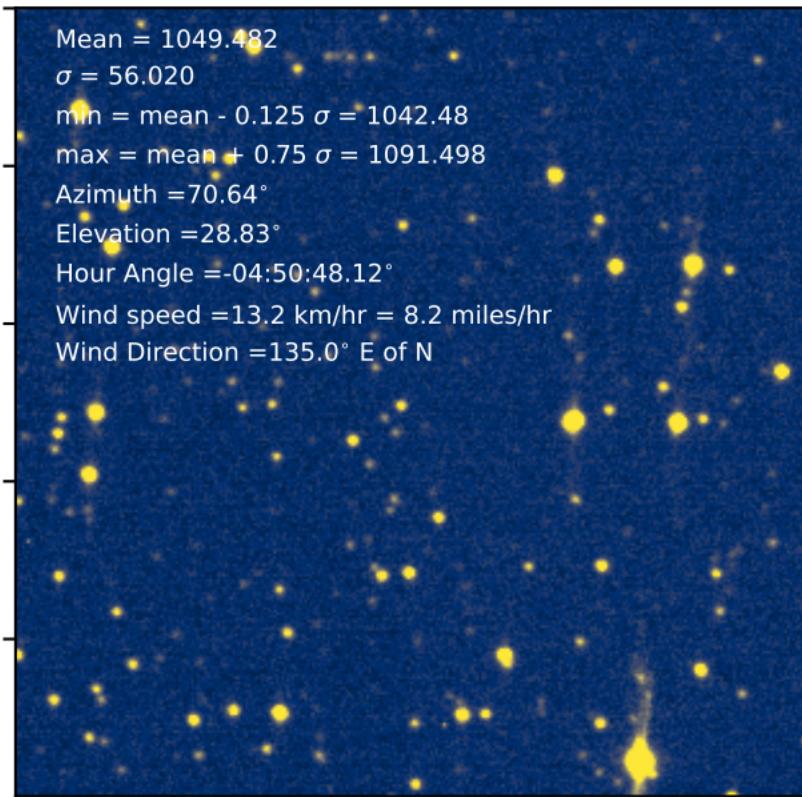
0

200

400

600

800



0

Mean = 1057.696

σ = 69.090

min = mean - 0.125 σ = 1049.06

max = mean + 0.75 σ = 1109.514

Azimuth = 70.71°

Elevation = 28.98°

Hour Angle = -04:50:03.00°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

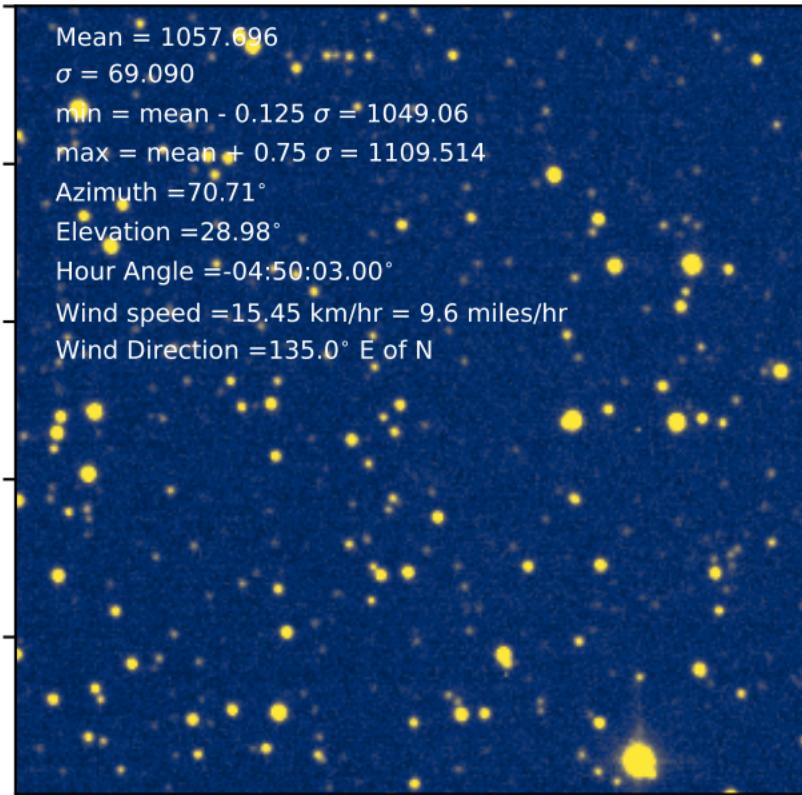
0

200

400

600

800



0

Mean = 1051.086

σ = 59.837

min = mean - 0.125 σ = 1043.606

max = mean + 0.75 σ = 1095.964

Azimuth = 70.79°

Elevation = 29.15°

Hour Angle = -04:49:10.86°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

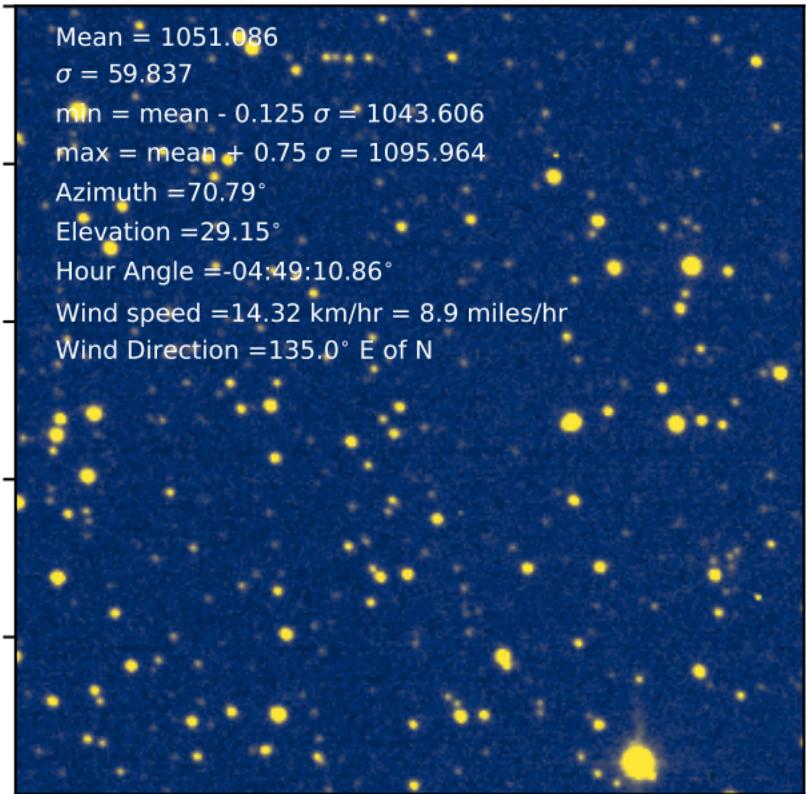
0

200

400

600

800



0

Mean = 1048.989

σ = 57.179

min = mean - 0.125 σ = 1041.842

max = mean + 0.75 σ = 1091.873

Azimuth = 70.86°

Elevation = 29.31°

Hour Angle = -04:48:24.73°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

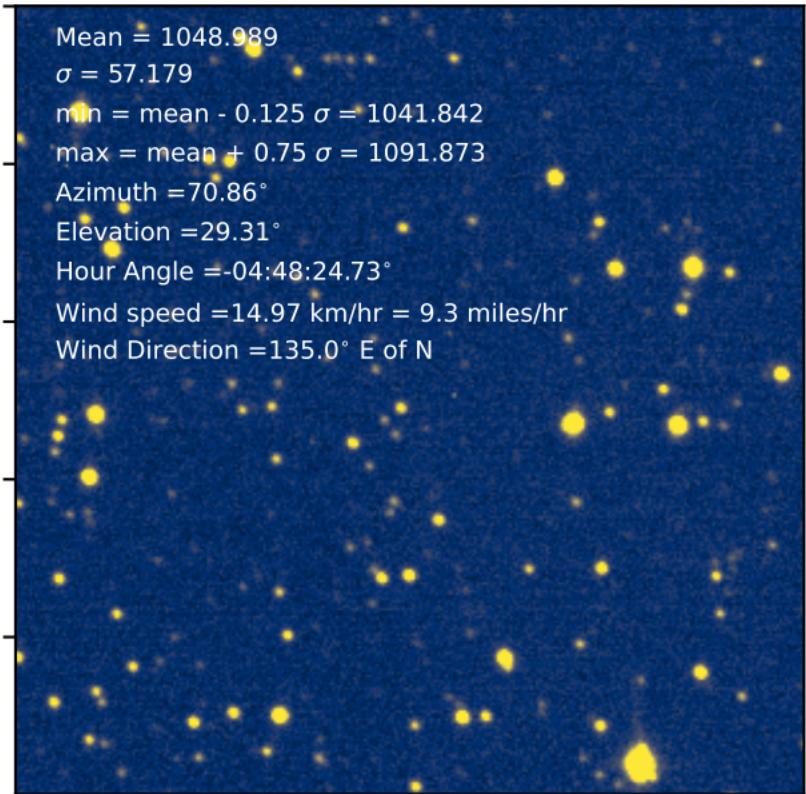
0

200

400

600

800



0

Mean = 1049.872

σ = 59.675

min = mean - 0.125 σ = 1042.412

max = mean + 0.75 σ = 1094.628

Azimuth = 70.94°

Elevation = 29.48°

Hour Angle = -04:47:32.59°

200

400

600

800

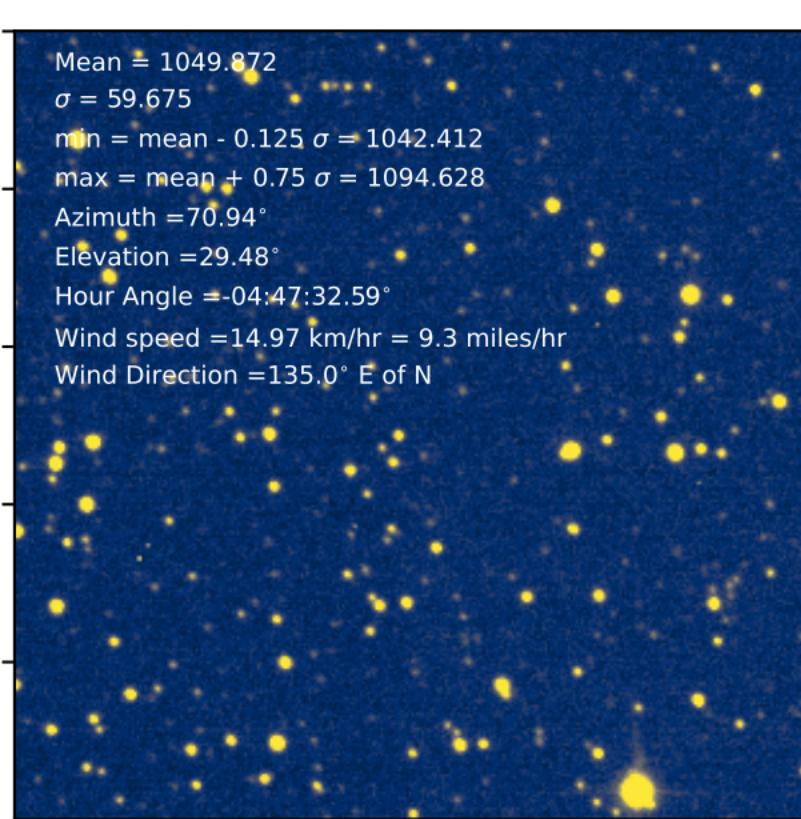
0

200

400

600

800



0

Mean = 1048.504

σ = 57.061

min = mean - 0.125 σ = 1041.371

max = mean + 0.75 σ = 1091.299

Azimuth = 71.01°

Elevation = 29.64°

Hour Angle = -04:46:46.46°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

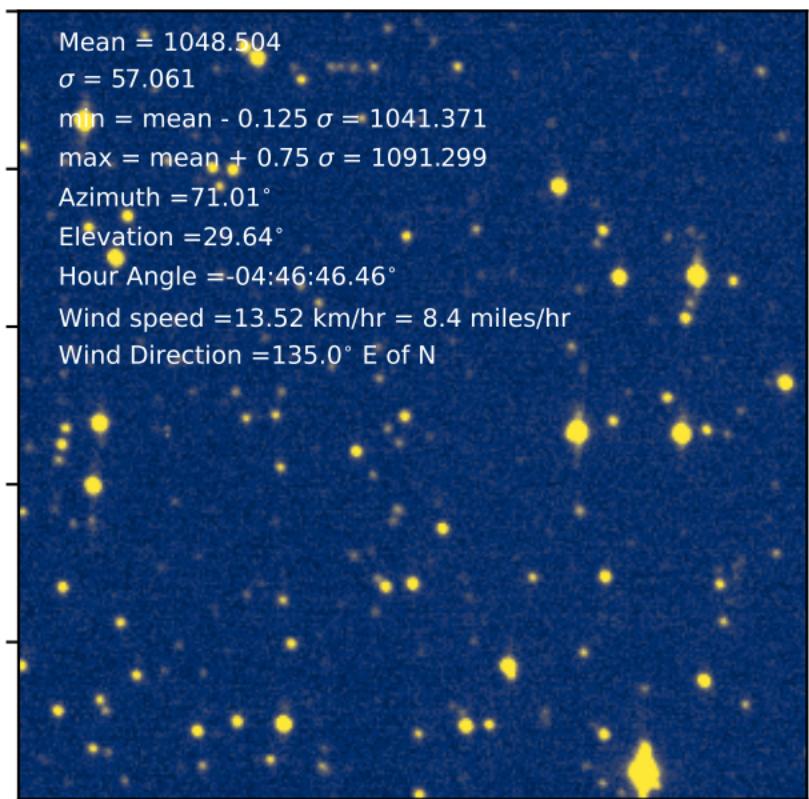
0

200

400

600

800



0

Mean = 1049.459

σ = 57.029

min = mean - 0.125 σ = 1042.331

max = mean + 0.75 σ = 1092.231

Azimuth = 71.09°

Elevation = 29.81°

Hour Angle = -04:45:53.32°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

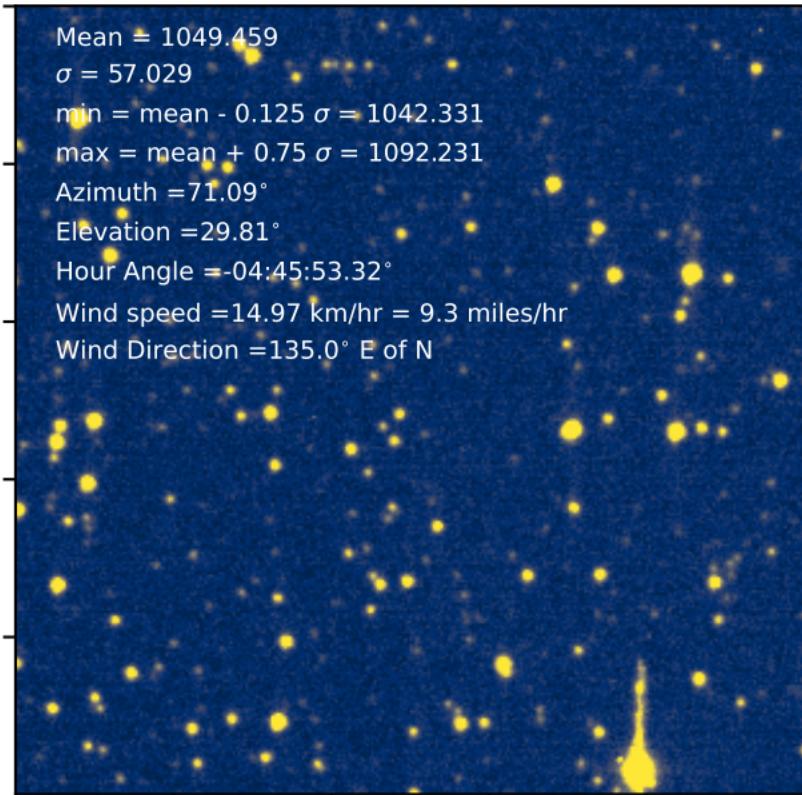
0

200

400

600

800



0

Mean = 1055.751

σ = 69.346

min = mean - 0.125 σ = 1047.082

max = mean + 0.75 σ = 1107.76

Azimuth = 71.16°

Elevation = 29.97°

Hour Angle = -04:45:07.19°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

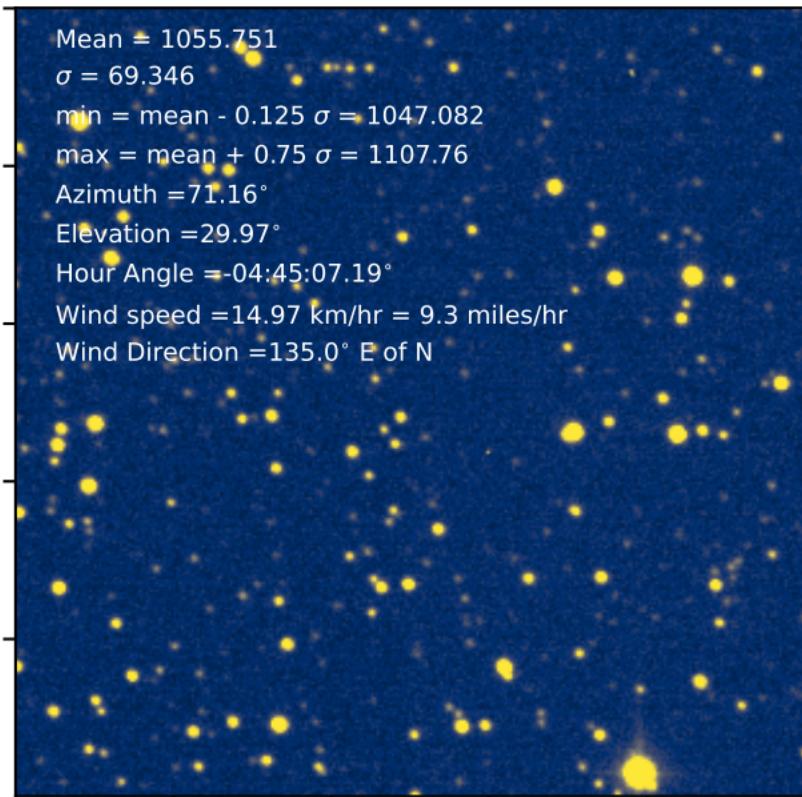
0

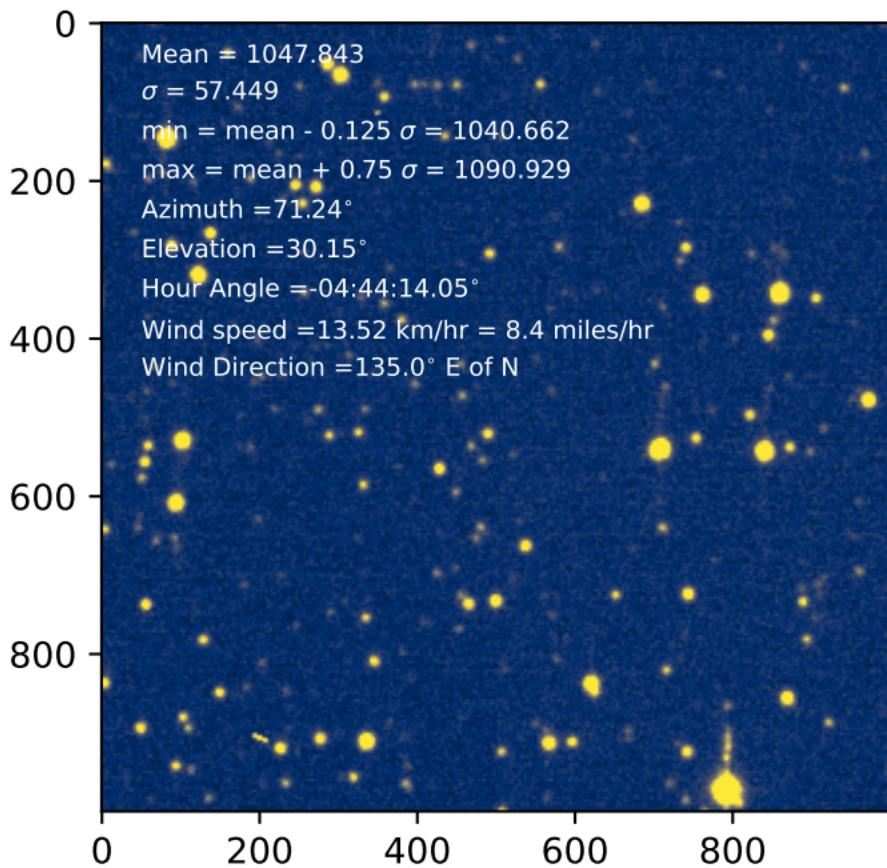
200

400

600

800





0

Mean = 1048.495

σ = 59.922

min = mean - 0.125 σ = 1041.005

max = mean + 0.75 σ = 1093.436

Azimuth = 71.32°

Elevation = 30.32°

Hour Angle = -04:43:21.91°

200

400

600

800

0

200

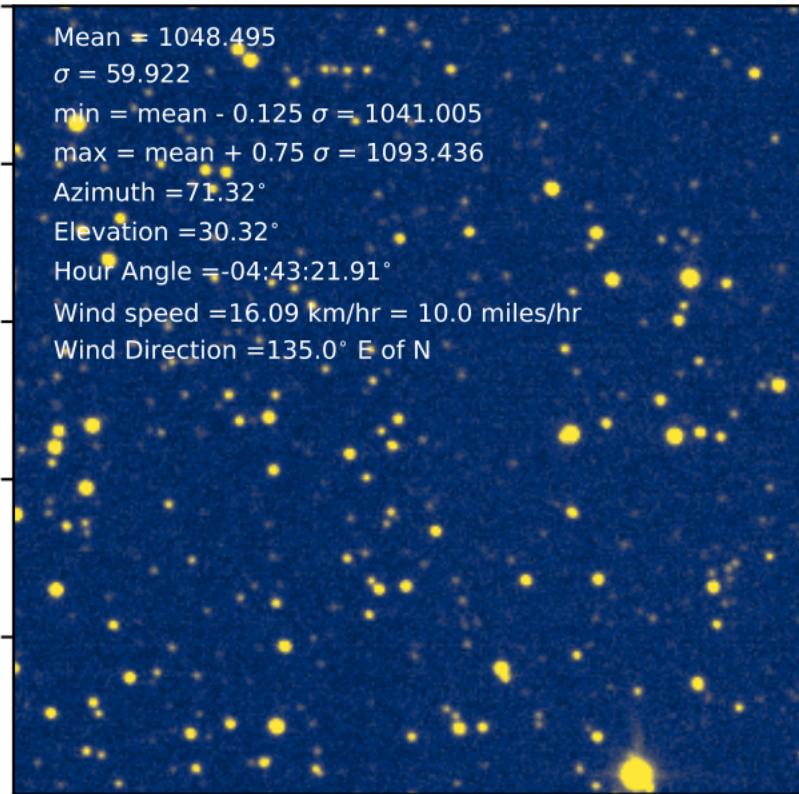
400

600

800

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N



0

200

400

600

800

0

200

400

600

800

Mean = 1055.151

σ = 69.073

min = mean - 0.125 σ = 1046.517

max = mean + 0.75 σ = 1106.956

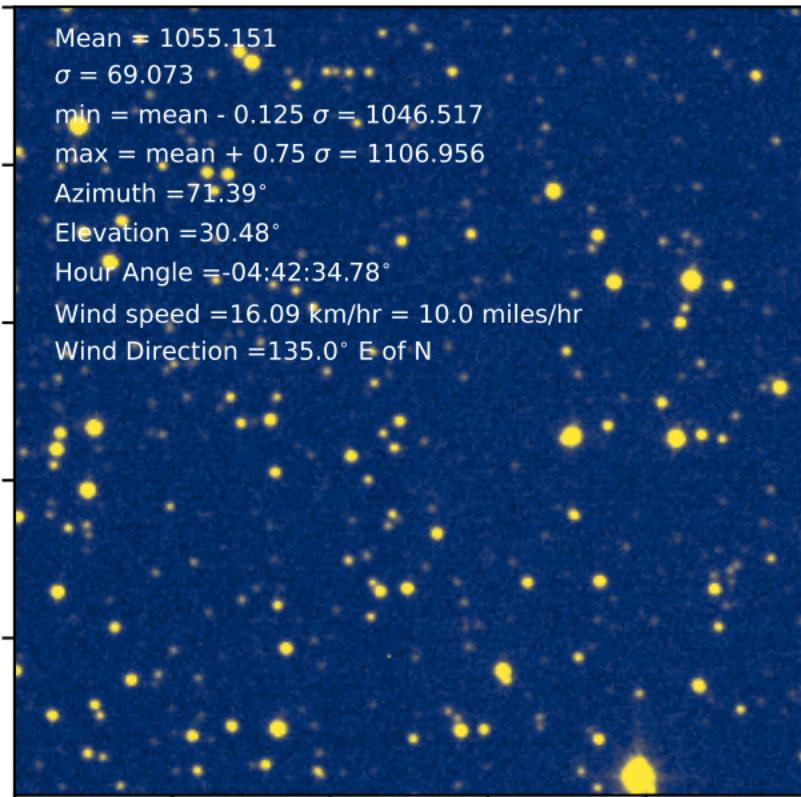
Azimuth = 71.39°

Elevation = 30.48°

Hour Angle = -04:42:34.78°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1047.410

σ = 56.385

min = mean - 0.125 σ = 1040.361

max = mean + 0.75 σ = 1089.698

Azimuth = 71.47°

Elevation = 30.66°

Hour Angle = -04:41:41.63°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

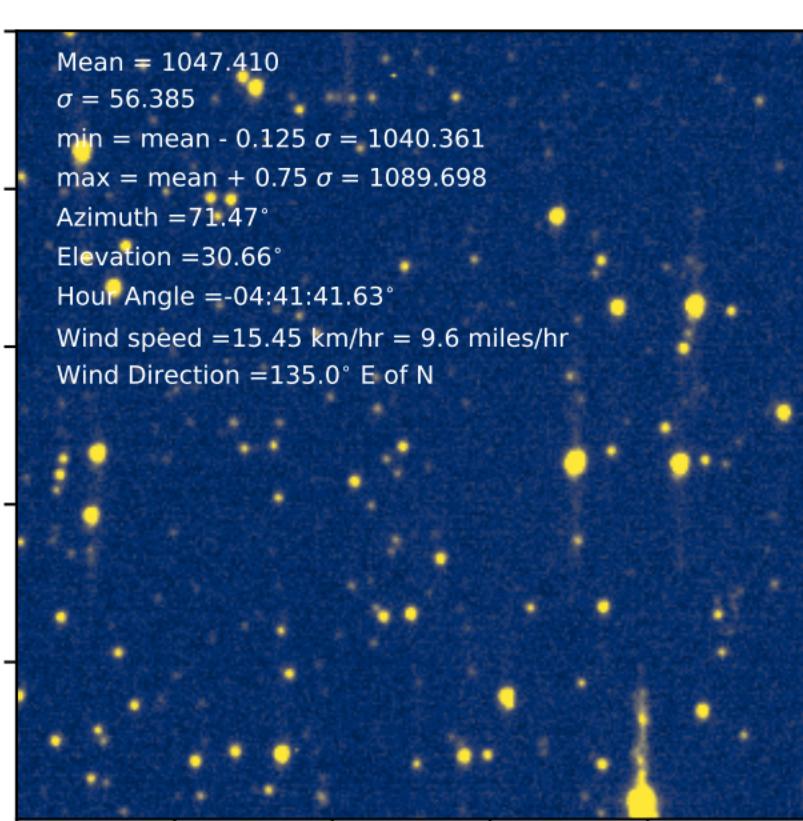
0

200

400

600

800



0

Mean = 1048.191

σ = 58.702

min = mean - 0.125 σ = 1040.853

200

max = mean + 0.75 σ = 1092.217

Azimuth = 71.55°

Elevation = 30.83°

Hour Angle = -04:40:49.49°

400

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

600

0

200

400

600

800

0

Mean = 1055.096

σ = 65.902

min = mean - 0.125 σ = 1046.859

max = mean + 0.75 σ = 1104.523

Azimuth = 71.63°

Elevation = 31.0°

Hour Angle = -04:40:01.36°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

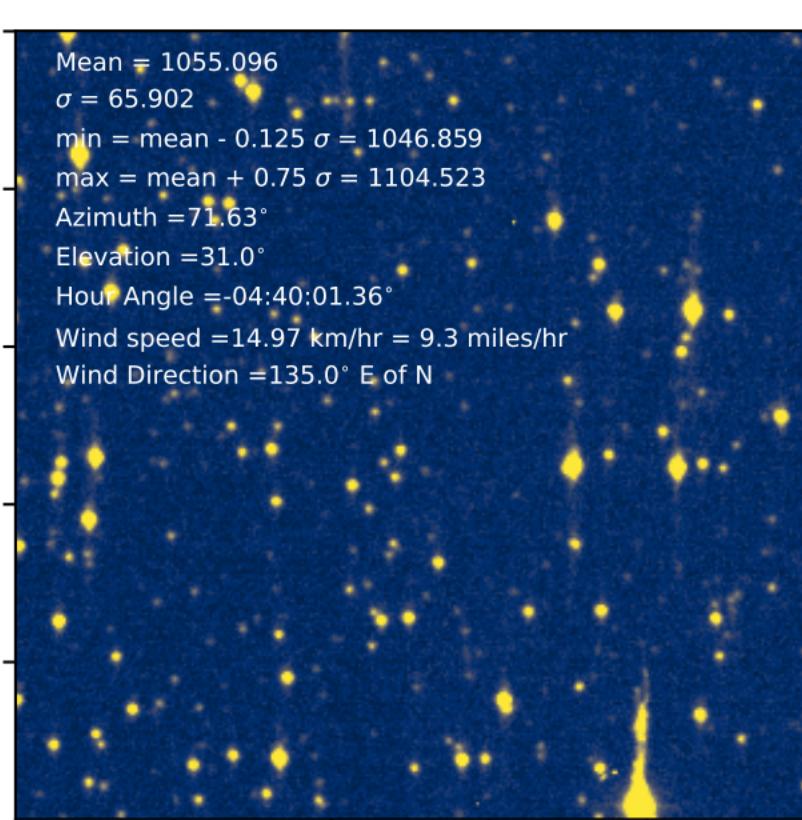
0

200

400

600

800



0

Mean = 1046.971

σ = 57.652

min = mean - 0.125 σ = 1039.764

200

max = mean + 0.75 σ = 1090.21

Azimuth = 71.71°

Elevation = 31.17°

Hour Angle = -04:39:09.22°

400

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

600

800

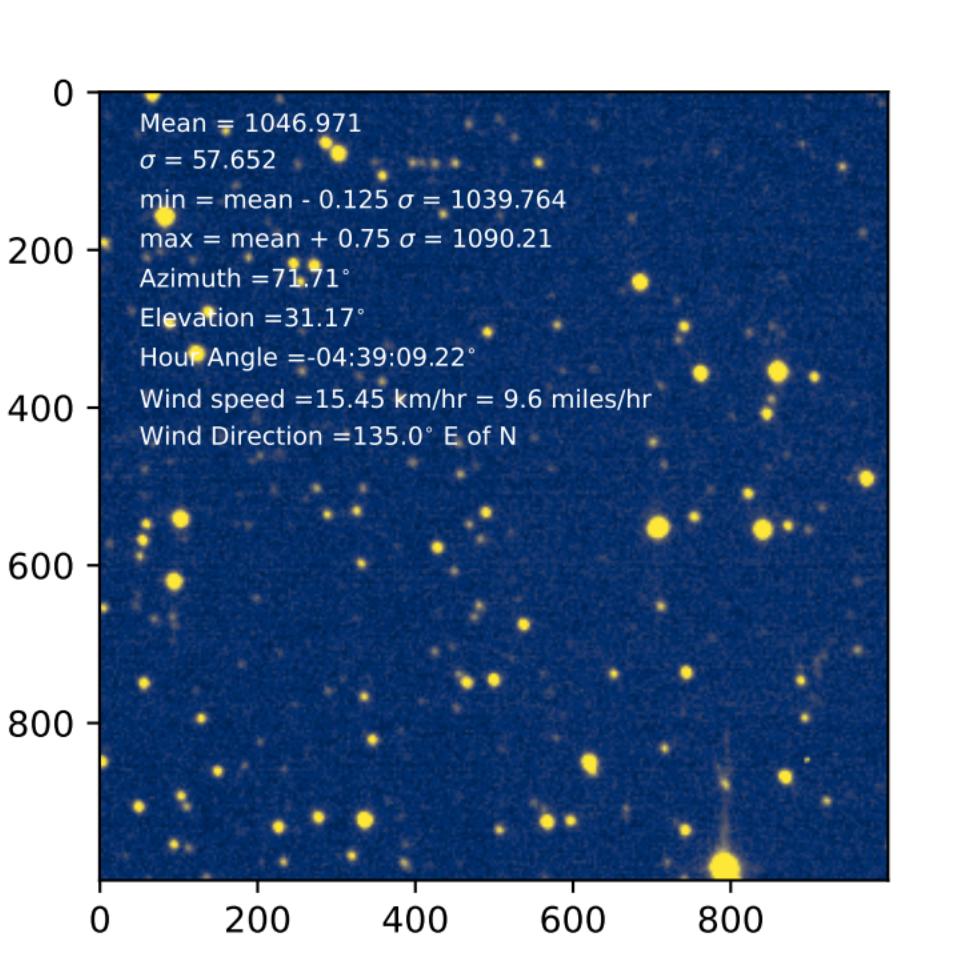
0

200

400

600

800



0

Mean = 1054.523

σ = 66.136

min = mean - 0.125 σ = 1046.256

max = mean + 0.75 σ = 1104.125

Azimuth = 71.78°

Elevation = 31.33°

Hour Angle = -04:38:23.09°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

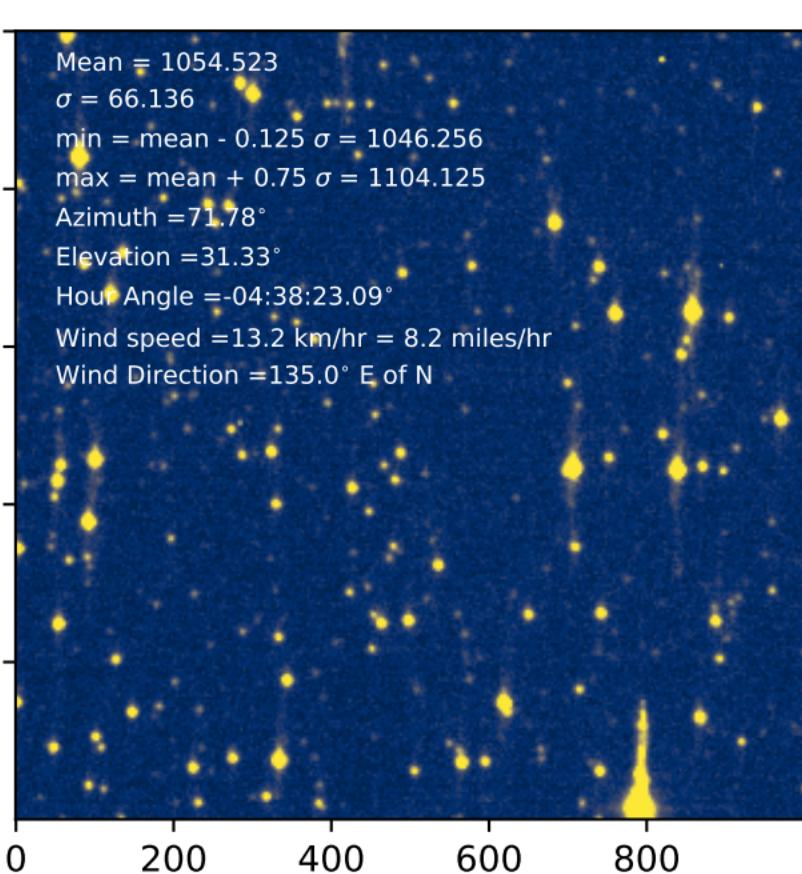
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1046.514

σ = 58.018

min = mean - 0.125 σ = 1039.262

max = mean + 0.75 σ = 1090.028

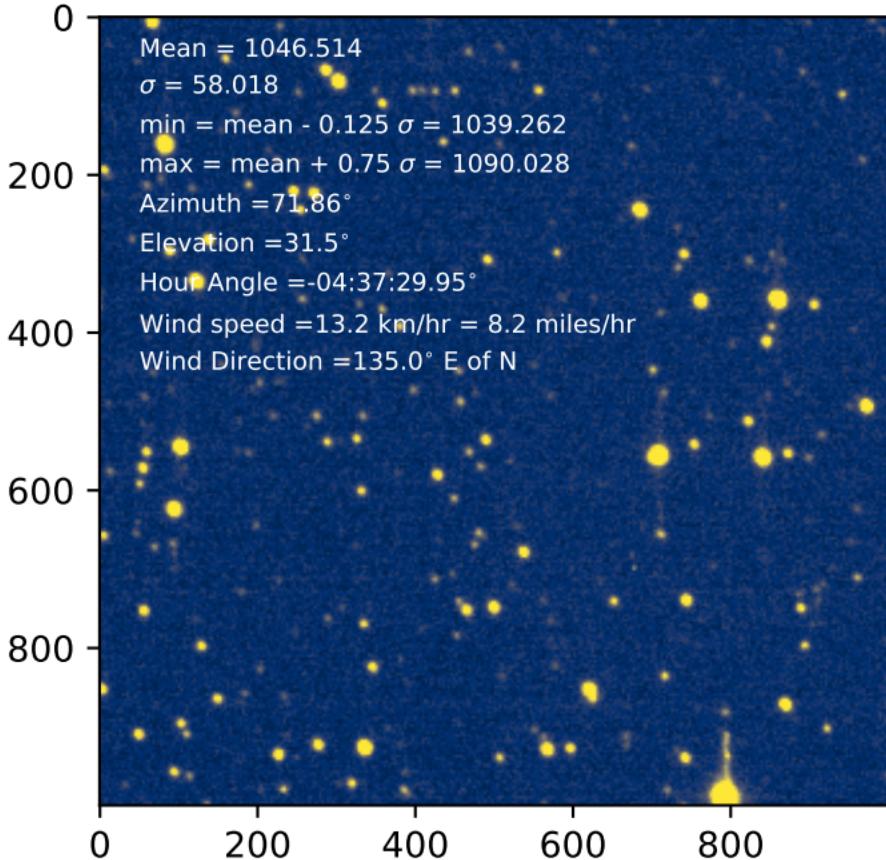
Azimuth = 71.86°

Elevation = 31.5°

Hour Angle = -04:37:29.95°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1048.308

σ = 59.383

min = mean - 0.125 σ = 1040.886

max = mean + 0.75 σ = 1092.846

Azimuth = 71.93°

Elevation = 31.68°

Hour Angle = -04:36:38.81°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

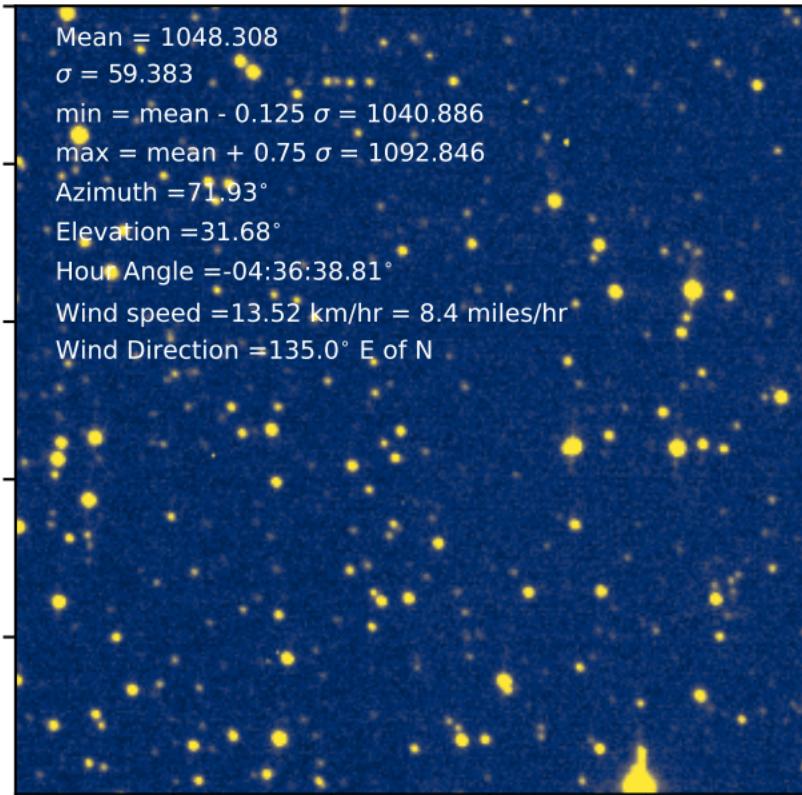
0

200

400

600

800



0

Mean = 1053.778

σ = 65.395

min = mean - 0.125 σ = 1045.603

max = mean + 0.75 σ = 1102.824

Azimuth = 72.01°

Elevation = 31.84°

Hour Angle = -04:35:50.67°

200

400

600

800

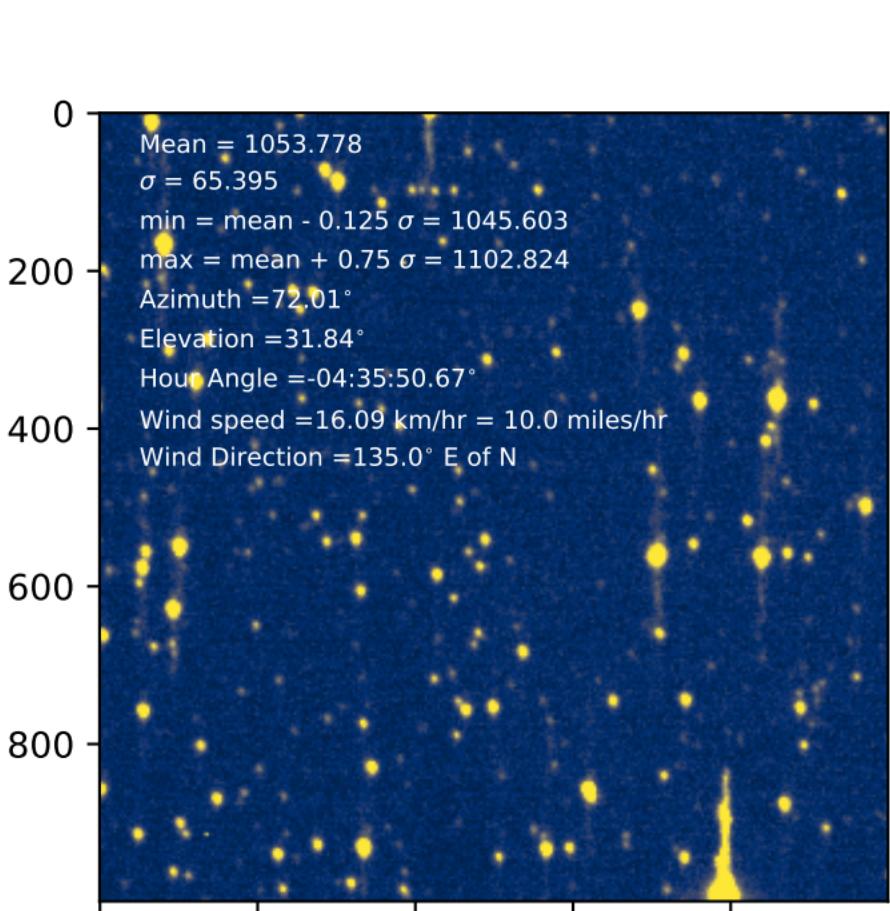
0

200

400

600

800



0

Mean = 1046.016

σ = 57.292

min = mean - 0.125 σ = 1038.854

max = mean + 0.75 σ = 1088.985

Azimuth = 72.08°

Elevation = 32.01°

Hour Angle = -04:34:58.53°

200

400

600

800

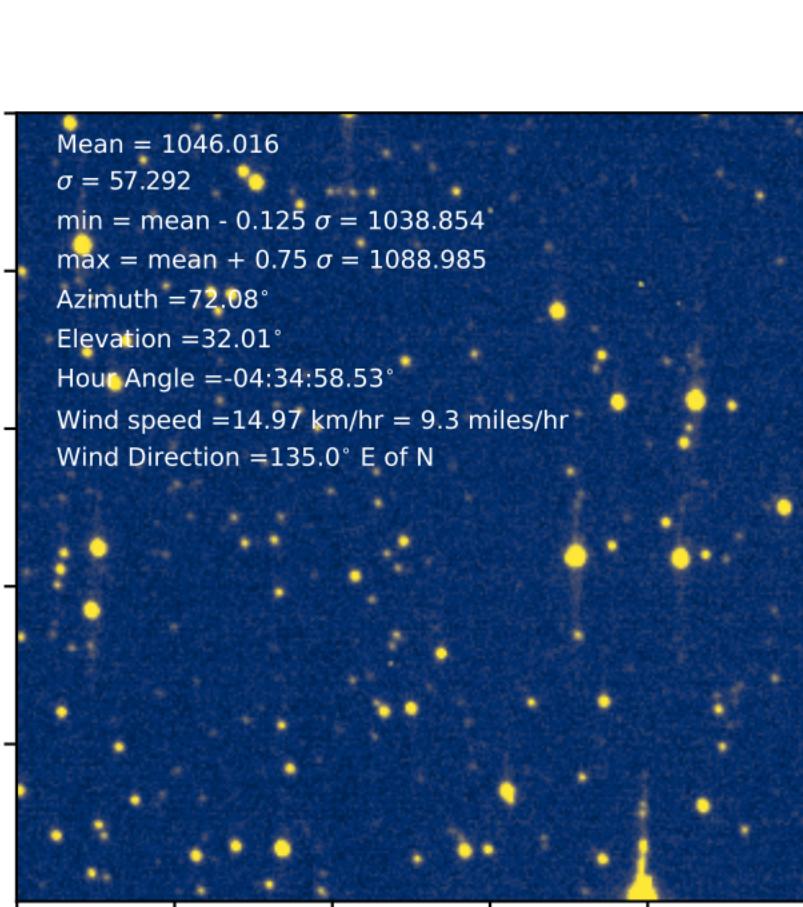
0

200

400

600

800



0

Mean = 1046.822

σ = 57.014

min = mean - 0.125 σ = 1039.696

max = mean + 0.75 σ = 1089.582

Azimuth = 72.16°

Elevation = 32.19°

Hour Angle = -04:34:06.39°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1053.411

σ = 62.835

min = mean - 0.125 σ = 1045.556

max = mean + 0.75 σ = 1100.537

Azimuth = 72.23°

Elevation = 32.35°

Hour Angle = -04:33:19.26°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

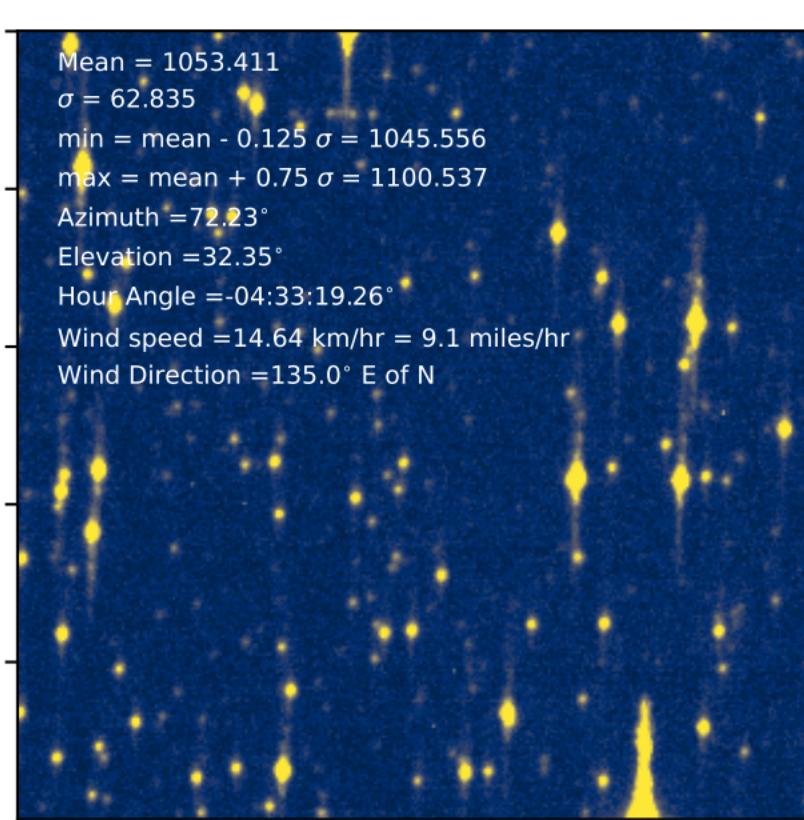
0

200

400

600

800



0

Mean = 1045.471

σ = 57.940

min = mean - 0.125 σ = 1038.228

max = mean + 0.75 σ = 1088.926

Azimuth = 72.31°

Elevation = 32.53°

Hour Angle = -04:32:26.12°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

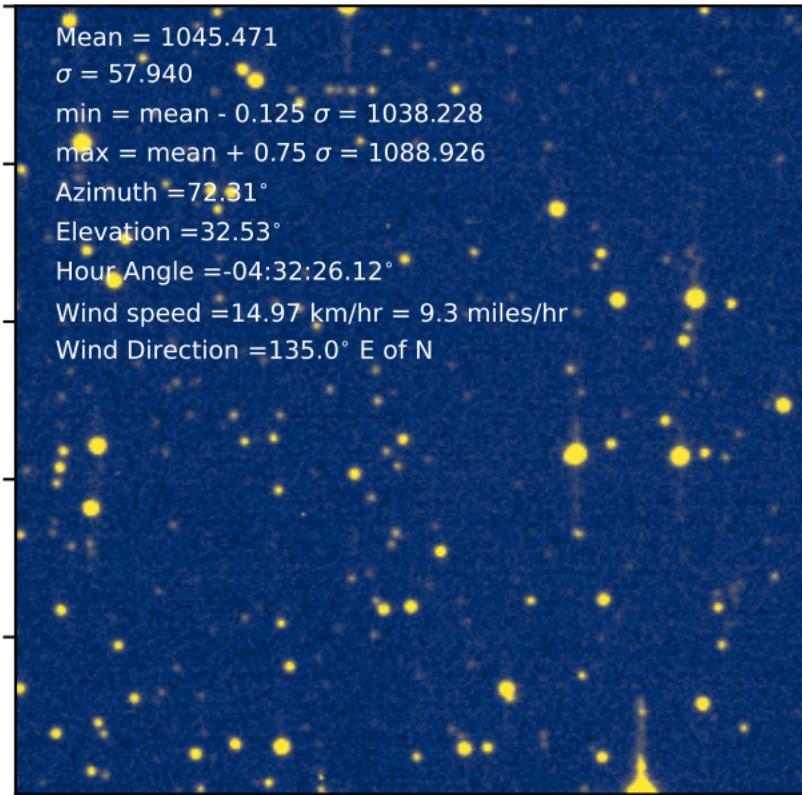
0

200

400

600

800



0

Mean = 1052.743

σ = 67.262

min = mean - 0.125 σ = 1044.335

max = mean + 0.75 σ = 1103.19

Azimuth = 72.38°

Elevation = 32.68°

Hour Angle = -04:31:39.99°

200

400

600

800

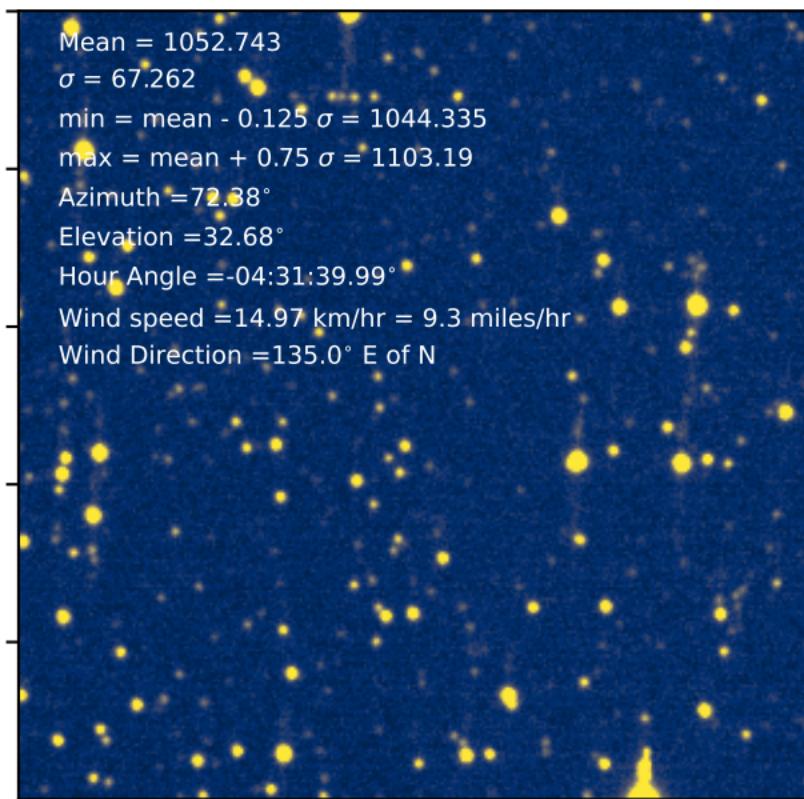
0

200

400

600

800



0

Mean = 1045.273

σ = 57.195

min = mean - 0.125 σ = 1038.123

max = mean + 0.75 σ = 1088.169

Azimuth = 72.46°

Elevation = 32.86°

Hour Angle = -04:30:47.85°

200

400

600

800

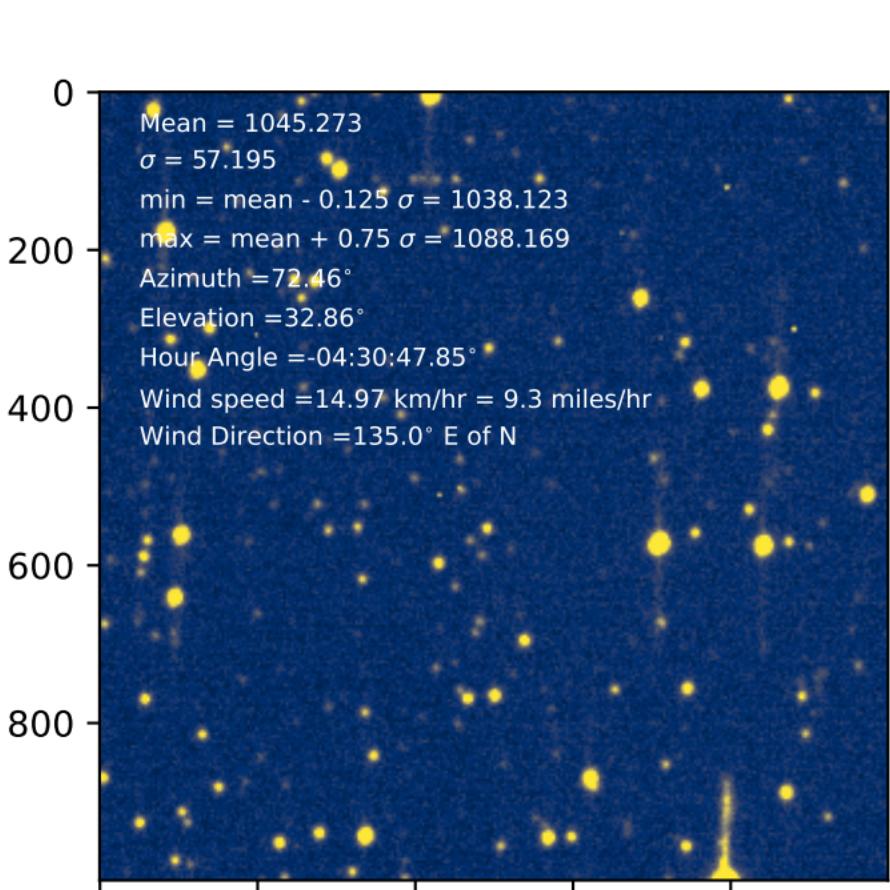
0

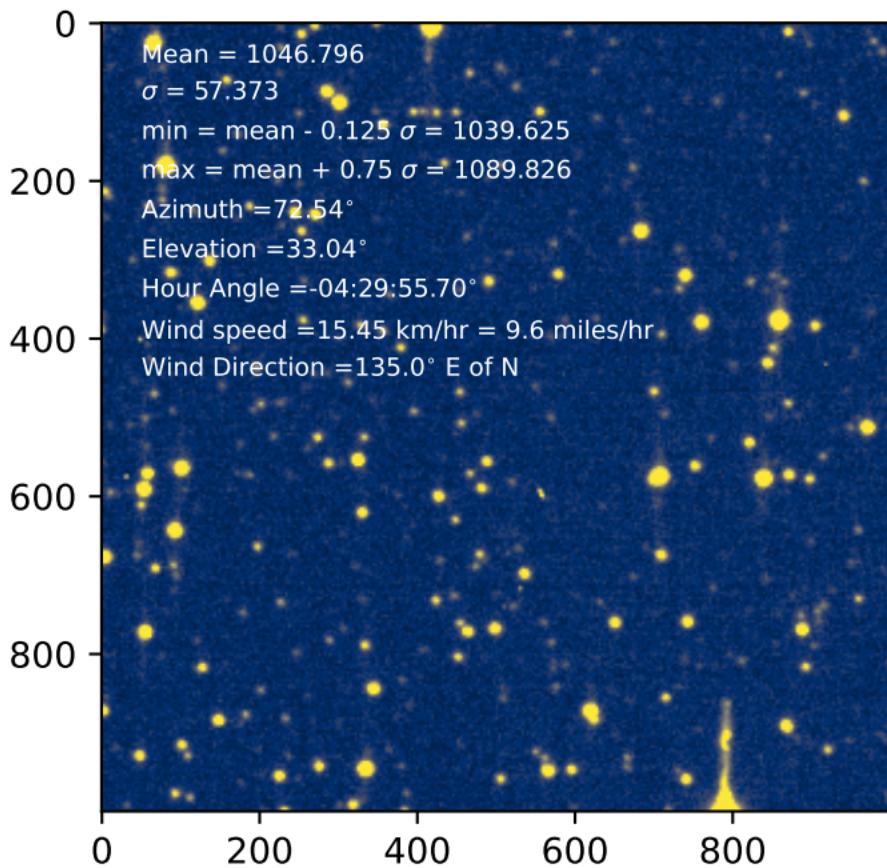
200

400

600

800





0

Mean = 1052.487

σ = 65.425

min = mean - 0.125 σ = 1044.309

max = mean + 0.75 σ = 1101.556

Azimuth = 72.61°

Elevation = 33.2°

Hour Angle = -04:29:08.58°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1044.779

σ = 57.007

min = mean - 0.125 σ = 1037.654

max = mean + 0.75 σ = 1087.534

Azimuth = 72.69°

Elevation = 33.38°

Hour Angle = -04:28:15.43°

200

400

600

800

0

200

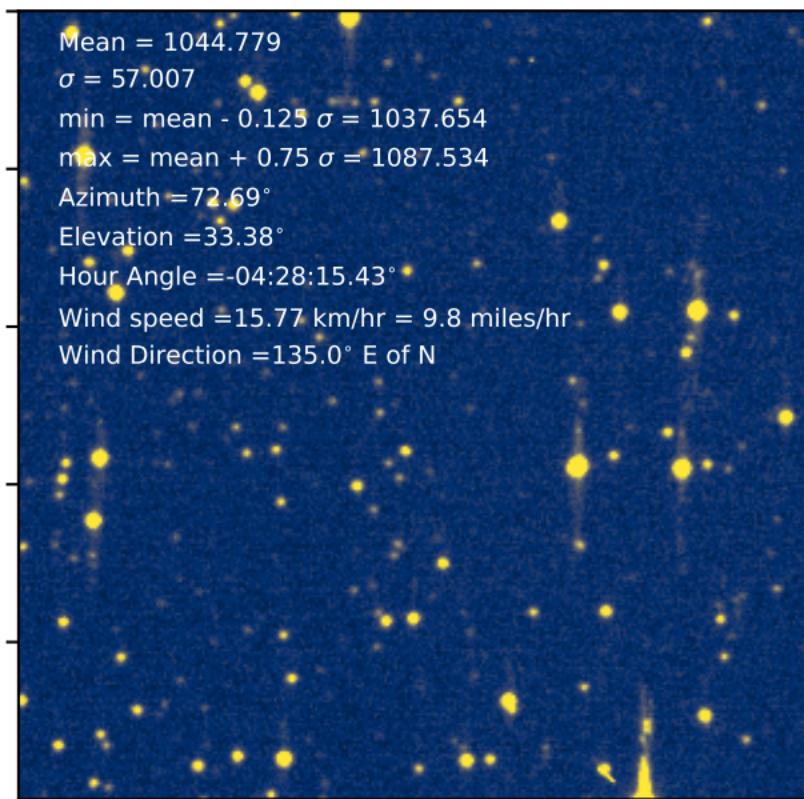
400

600

800

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1045.224

σ = 58.153

min = mean - 0.125 σ = 1037.955

max = mean + 0.75 σ = 1088.839

Azimuth = 72.77°

Elevation = 33.55°

Hour Angle = -04:27:23.29°

Wind speed = 16.9 km/hr = 10.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

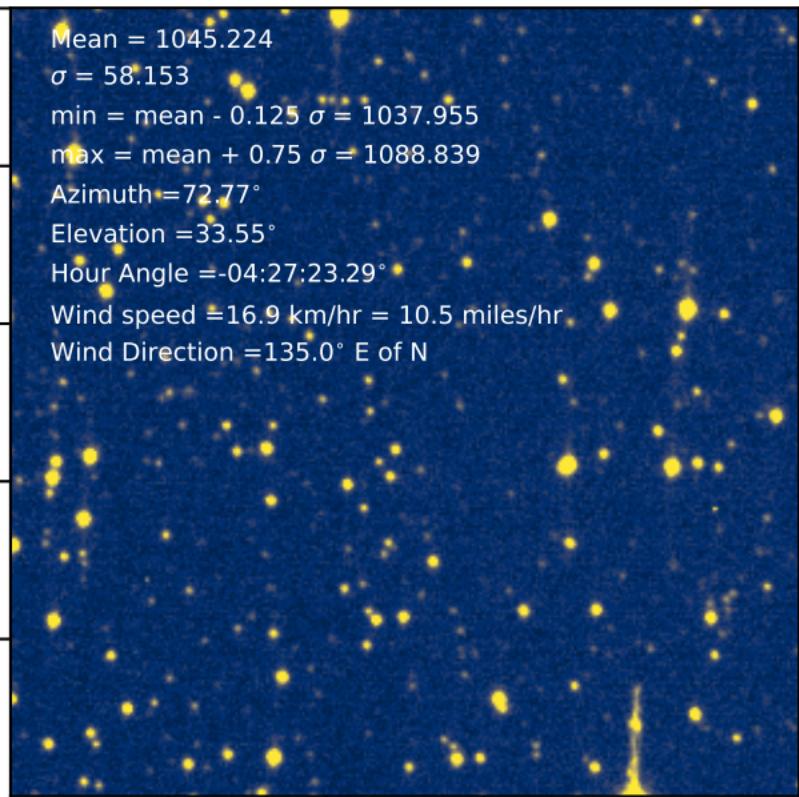
0

200

400

600

800



0

Mean = 1051.189

σ = 69.769

min = mean - 0.125 σ = 1042.468

max = mean + 0.75 σ = 1103.516

Azimuth = 72.84°

Elevation = 33.71°

Hour Angle = -04:26:36.16°

Wind speed = 16.9 km/hr = 10.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

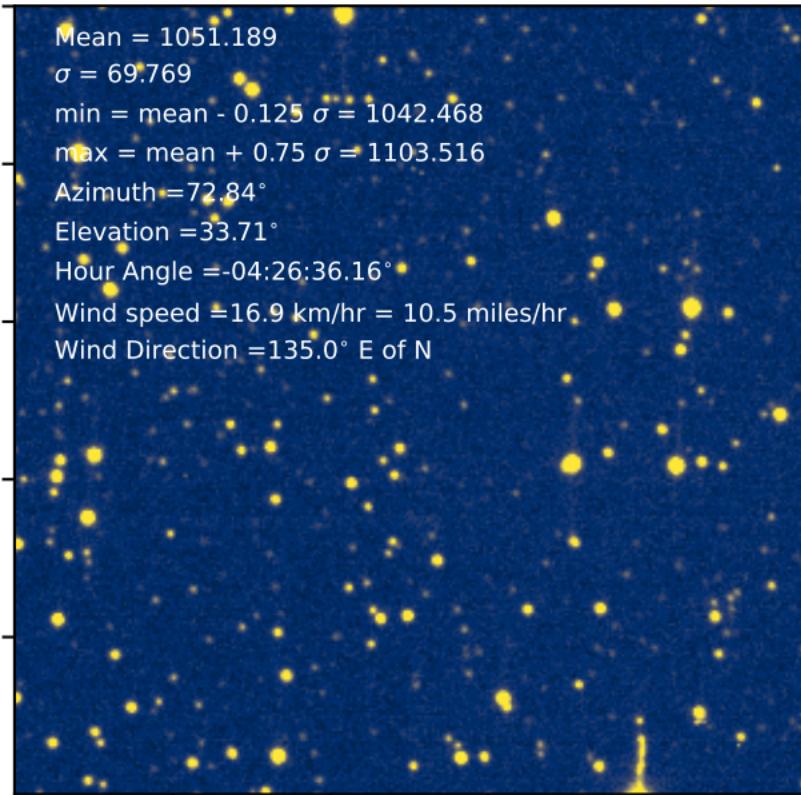
0

200

400

600

800



0

Mean = 1044.268

σ = 57.460

min = mean - 0.125 σ = 1037.085

max = mean + 0.75 σ = 1087.363

Azimuth = 72.92°

Elevation = 33.89°

Hour Angle = -04:25:43.01°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

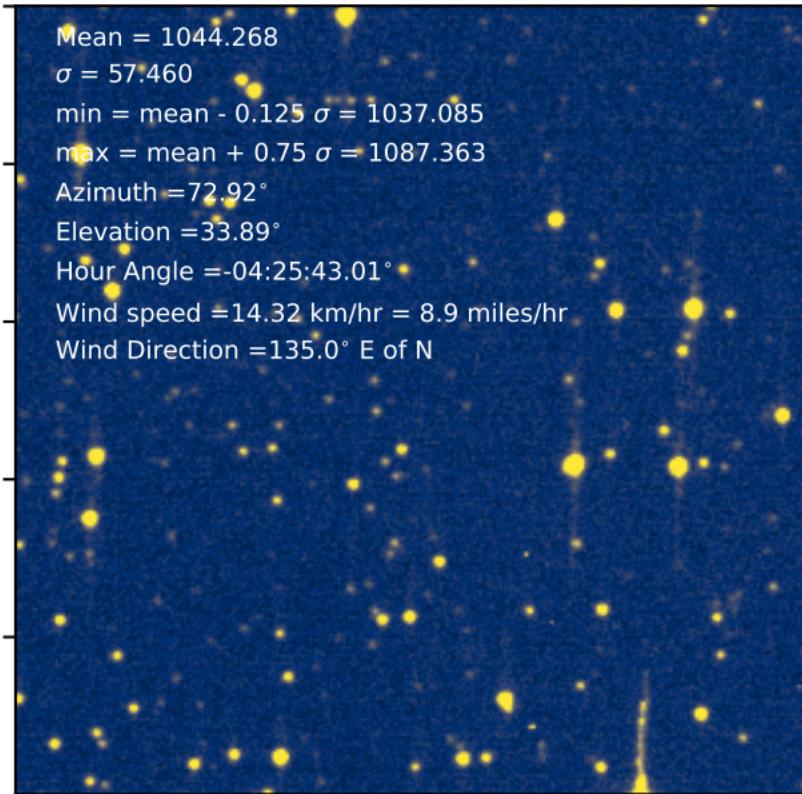
0

200

400

600

800



0

Mean = 1051.023

σ = 67.167

min = mean - 0.125 σ = 1042.628

max = mean + 0.75 σ = 1101.399

200

Azimuth = 72.98°

Elevation = 34.04°

Hour Angle = -04:24:57.89°

400

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1043.909

σ = 57.204

min = mean - 0.125 σ = 1036.758

max = mean + 0.75 σ = 1086.811

Azimuth = 73.06°

Elevation = 34.22°

Hour Angle = -04:24:04.75°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

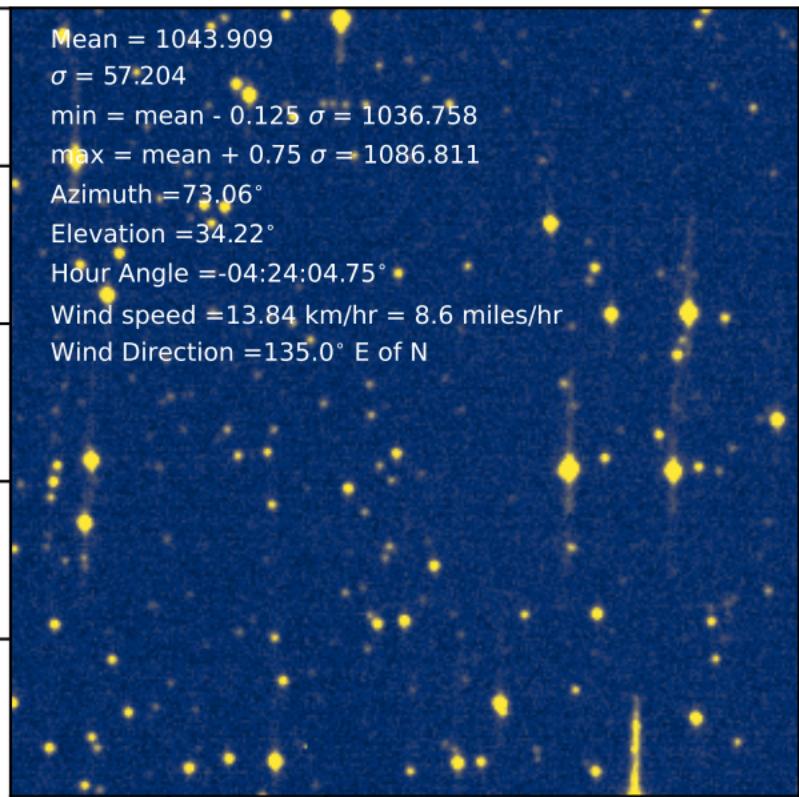
0

200

400

600

800



0

Mean = 1044.774

σ = 54.525

min = mean - 0.125 σ = 1037.958

max = mean + 0.75 σ = 1085.668

Azimuth = 73.14°

Elevation = 34.4°

Hour Angle = -04:23:12.60°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

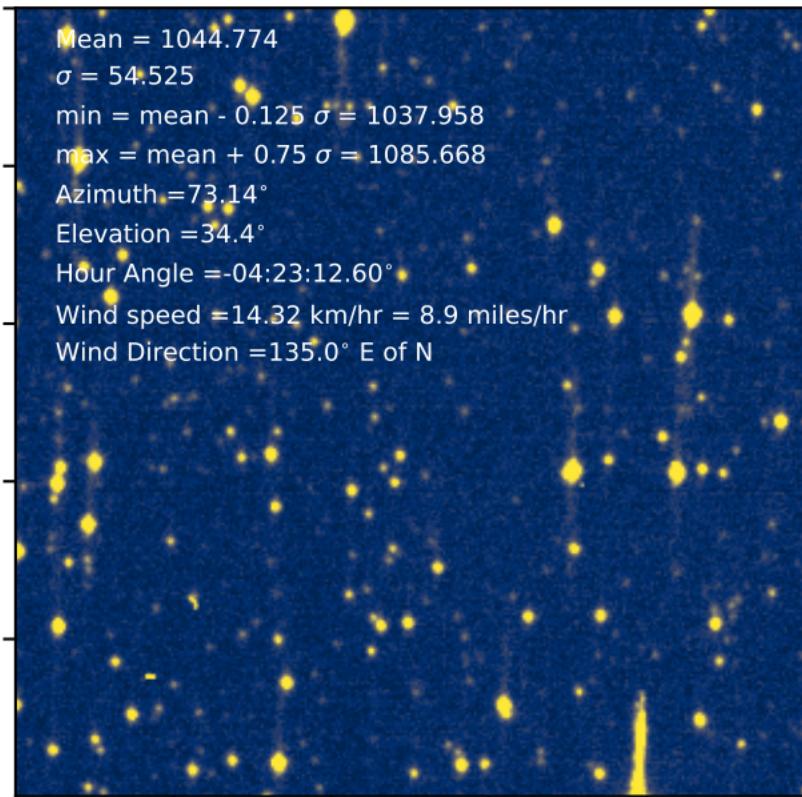
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1050.858

σ = 67.965

min = mean - 0.125 σ = 1042.362

max = mean + 0.75 σ = 1101.831

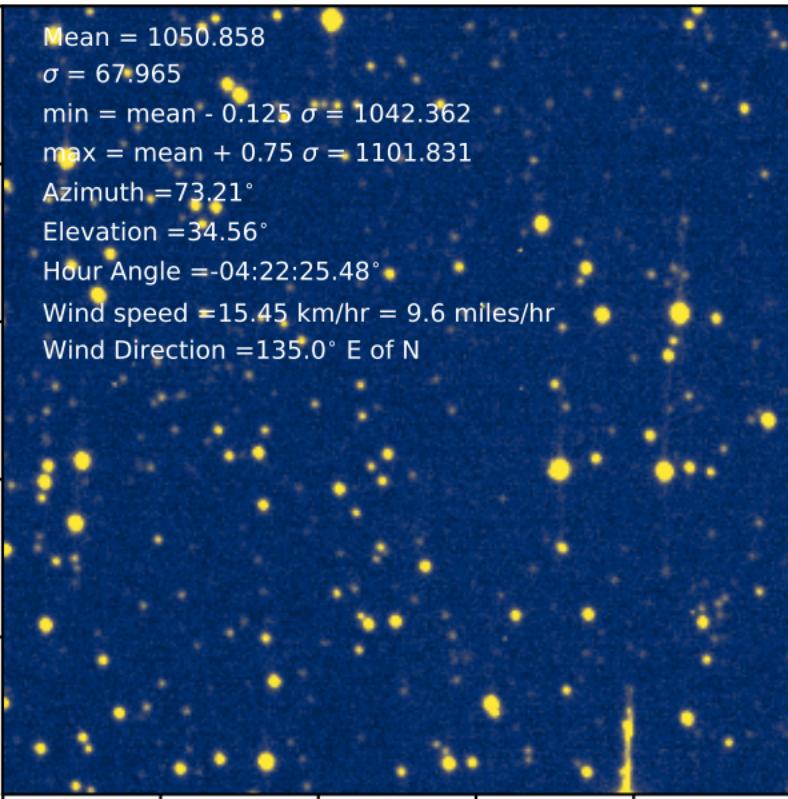
Azimuth = 73.21°

Elevation = 34.56°

Hour Angle = -04:22:25.48°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1043.723

σ = 58.007

min = mean - 0.125 σ = 1036.472

max = mean + 0.75 σ = 1087.229

Azimuth = 73.29°

Elevation = 34.74°

Hour Angle = -04:21:33.33°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

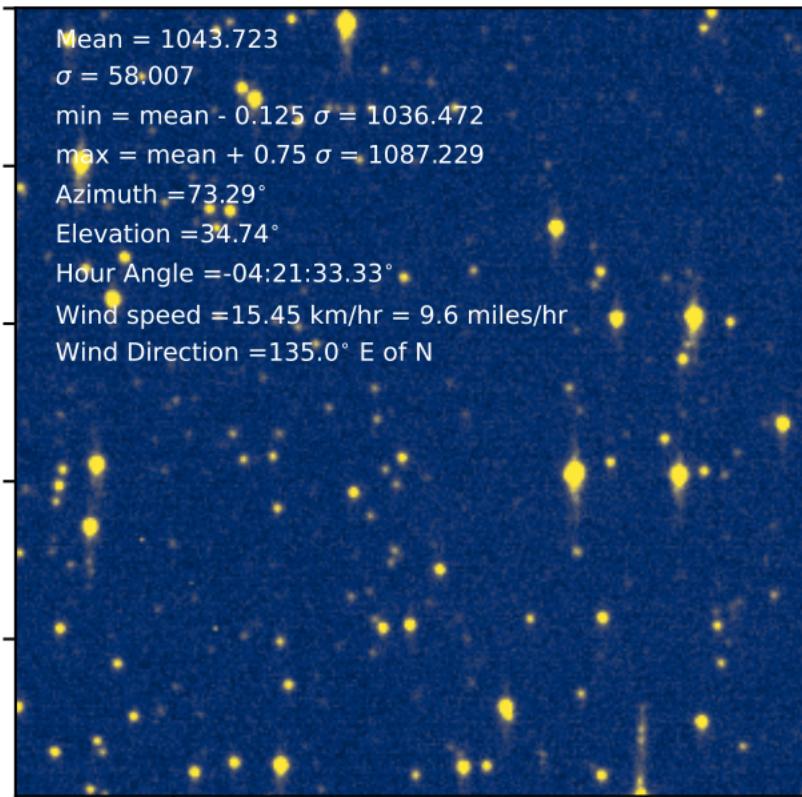
0

200

400

600

800



0

Mean = 1045.100

σ = 58.504

min = mean - 0.125 σ = 1037.787

200

max = mean + 0.75 σ = 1088.978

Azimuth = 73.36°

Elevation = 34.92°

Hour Angle = -04:20:41.19°

400

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1050.759

σ = 65.988

min = mean - 0.125 σ = 1042.51

max = mean + 0.75 σ = 1100.25

200

Azimuth = 73.43°

Elevation = 35.08°

Hour Angle = -04:19:54.06°

400

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1042.934

σ = 58.827

min = mean - 0.125 σ = 1035.581

max = mean + 0.75 σ = 1087.055

Azimuth = 73.51°

Elevation = 35.26°

Hour Angle = -04:19:00.92°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

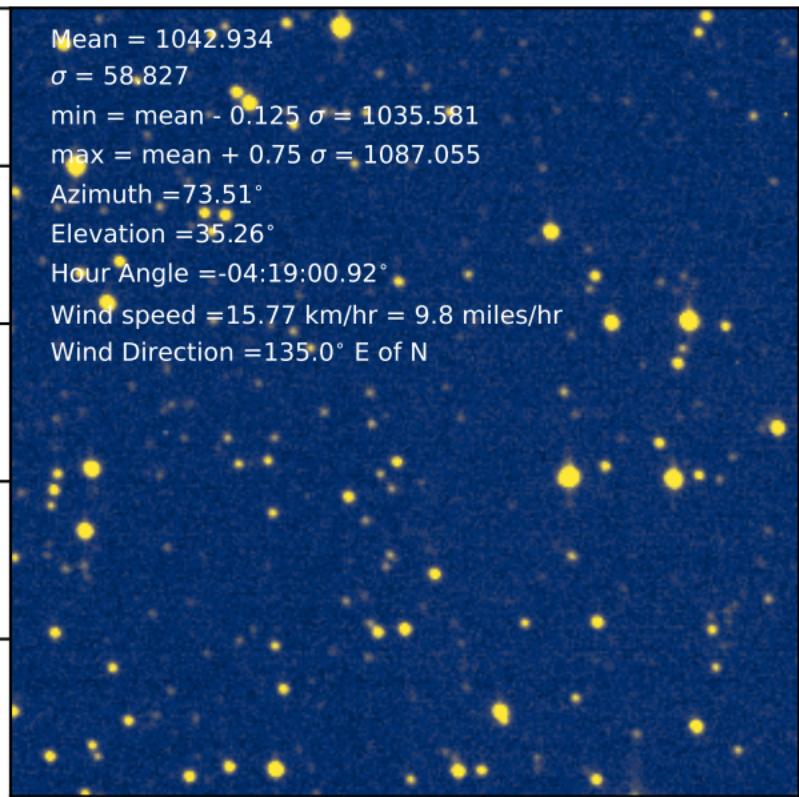
0

200

400

600

800



0

Mean = 1050.071

σ = 68.149

min = mean - 0.125 σ = 1041.552

200

max = mean + 0.75 σ = 1101.183

Azimuth = 73.58°

Elevation = 35.41°

Hour Angle = -04:18:14.79°

400

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

600

800

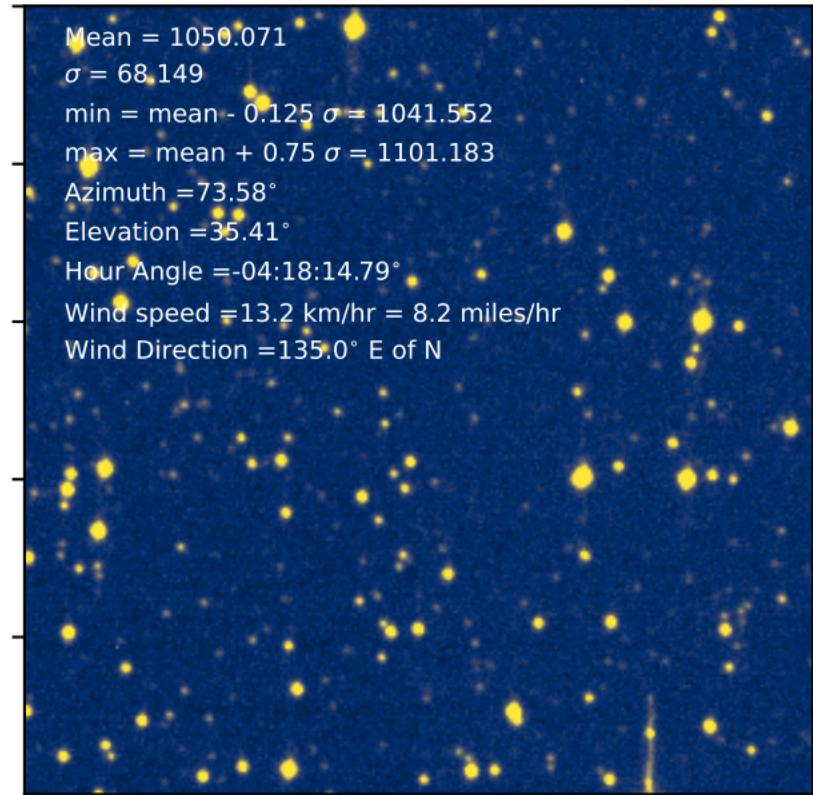
0

200

400

600

800



0

Mean = 1042.731

σ = 58.204

min = mean - 0.125 σ = 1035.455

max = mean + 0.75 σ = 1086.384

Azimuth = 73.66°

Elevation = 35.59°

Hour Angle = -04:17:21.65°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

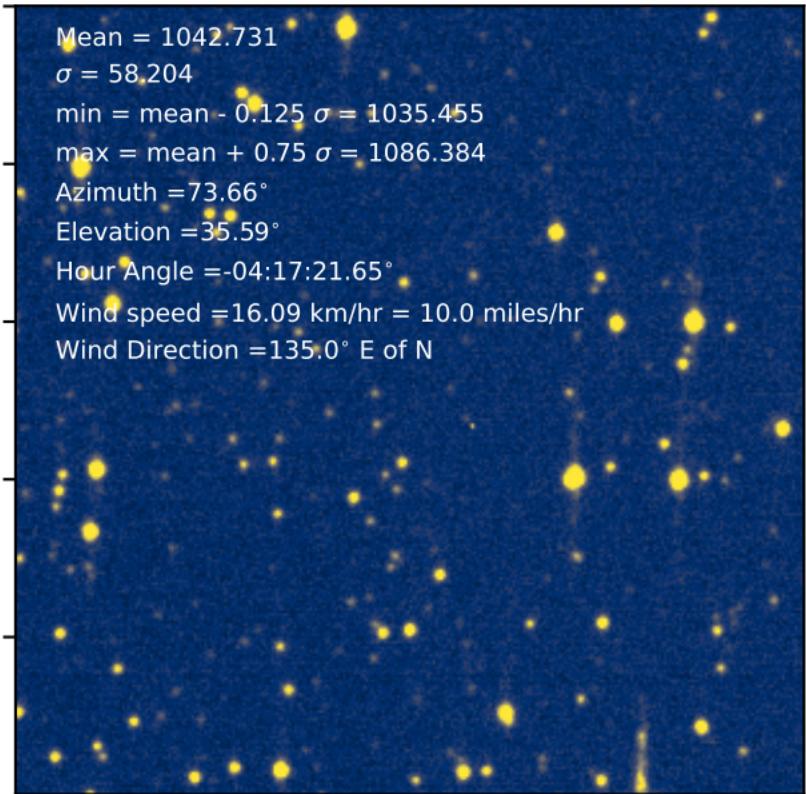
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200

400

600

800



0

Mean = 1044.082

σ = 55.162

min = mean - 0.125 σ = 1037.187

max = mean + 0.75 σ = 1085.454

Azimuth = 73.74°

Elevation = 35.77°

Hour Angle = -04:16:29.50°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

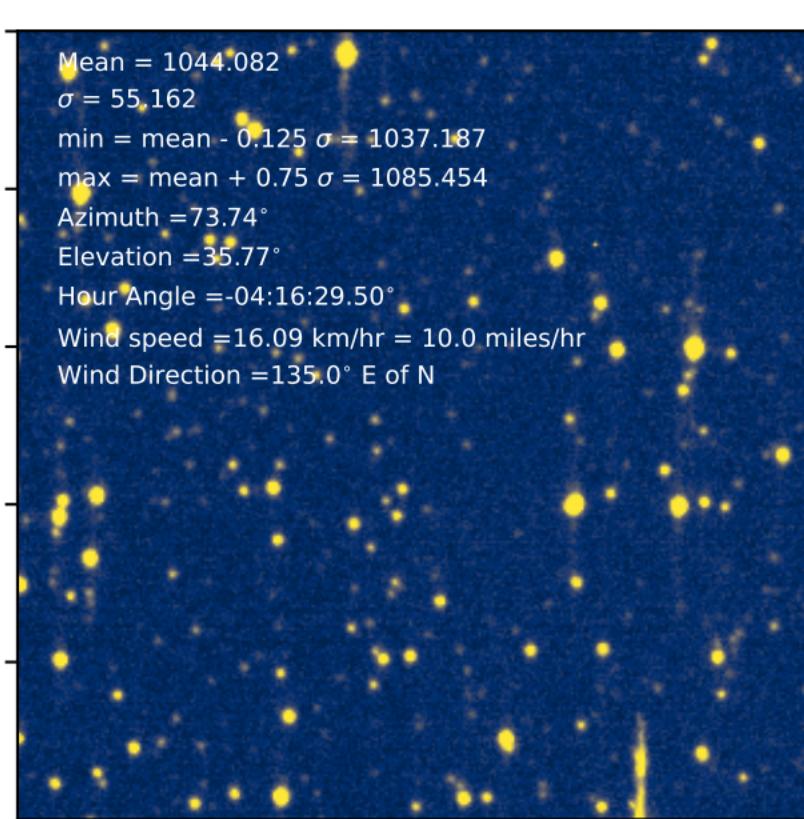
0

200

400

600

800



0

Mean = 1049.815

σ = 64.313

min = mean - 0.125 σ = 1041.775

200

max = mean + 0.75 σ = 1098.05

Azimuth = 73.8°

Elevation = 35.93°

Hour Angle = -04:15:43.38°

400

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1042.506

σ = 56.615

min = mean - 0.125 σ = 1035.429

max = mean + 0.75 σ = 1084.967

Azimuth = 73.88°

Elevation = 36.11°

Hour Angle = -04:14:50.23°

Wind speed = 17.7 km/hr = 11.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

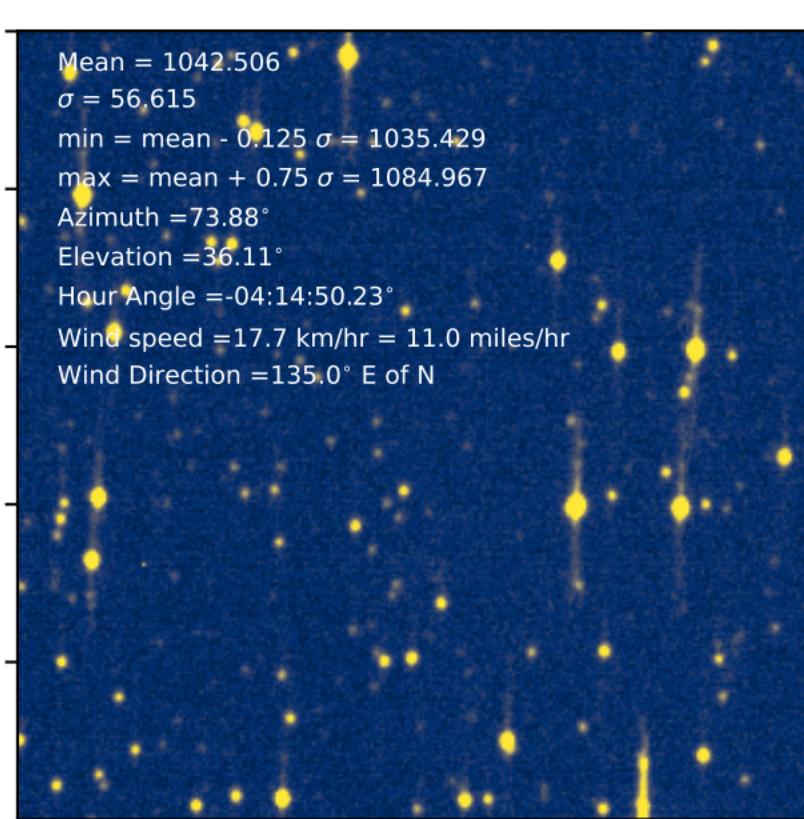
0

200

400

600

800



0

Mean = 1043.300

σ = 56.264

min = mean - 0.125 σ = 1036.267

max = mean + 0.75 σ = 1085.498

Azimuth = 73.96°

Elevation = 36.29°

Hour Angle = -04:13:58.09°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

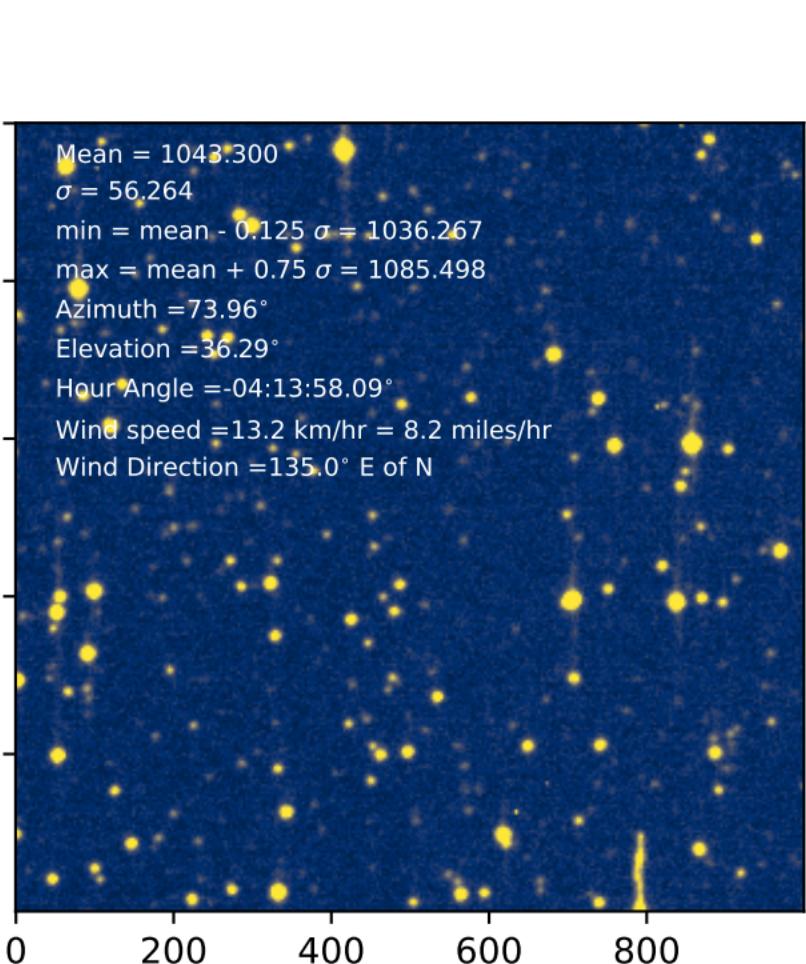
0

200

400

600

800



0

Mean = 1049.227

σ = 65.182

min = mean - 0.125 σ = 1041.079

max = mean + 0.75 σ = 1098.114

Azimuth = 74.03°

Elevation = 36.45°

Hour Angle = -04:13:10.96°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

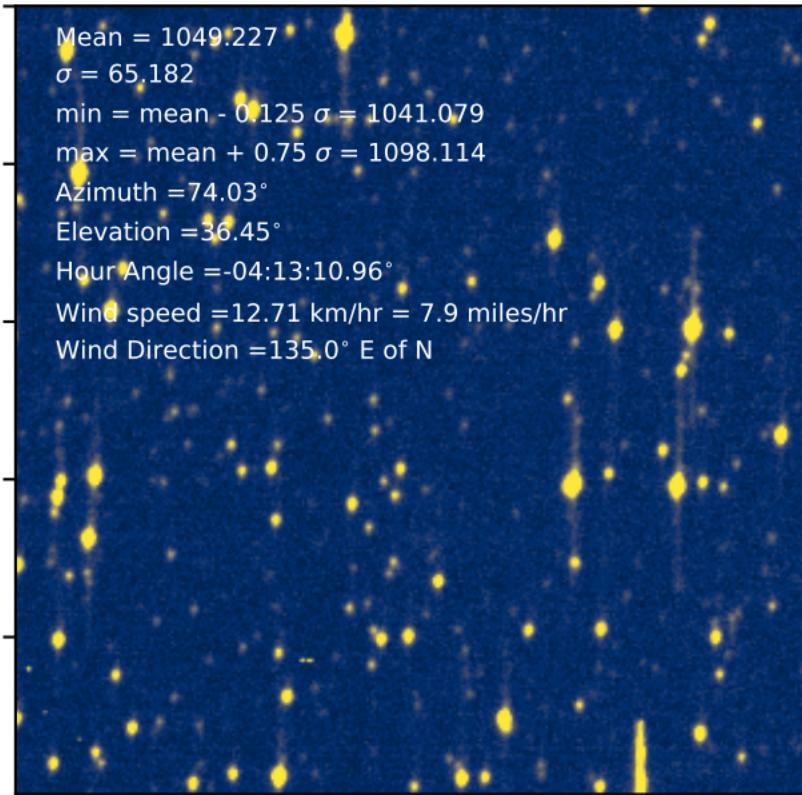
0

200

400

600

800



0

Mean = 1042.125

σ = 56.911

min = mean - 0.125 σ = 1035.012

max = mean + 0.75 σ = 1084.808

Azimuth = 74.11°

Elevation = 36.63°

Hour Angle = -04:12:17.82°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

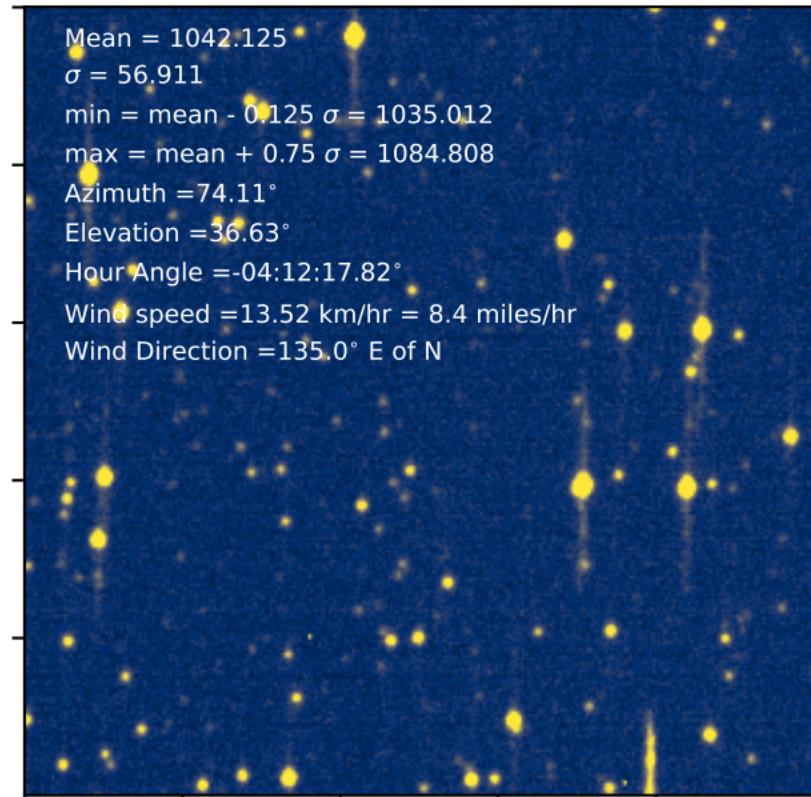
0

200

400

600

800



0

Mean = 1048.631

σ = 65.015

min = mean - 0.125 σ = 1040.504

max = mean + 0.75 σ = 1097.392

Azimuth = 74.17°

Elevation = 36.78°

Hour Angle = -04:11:32.69°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

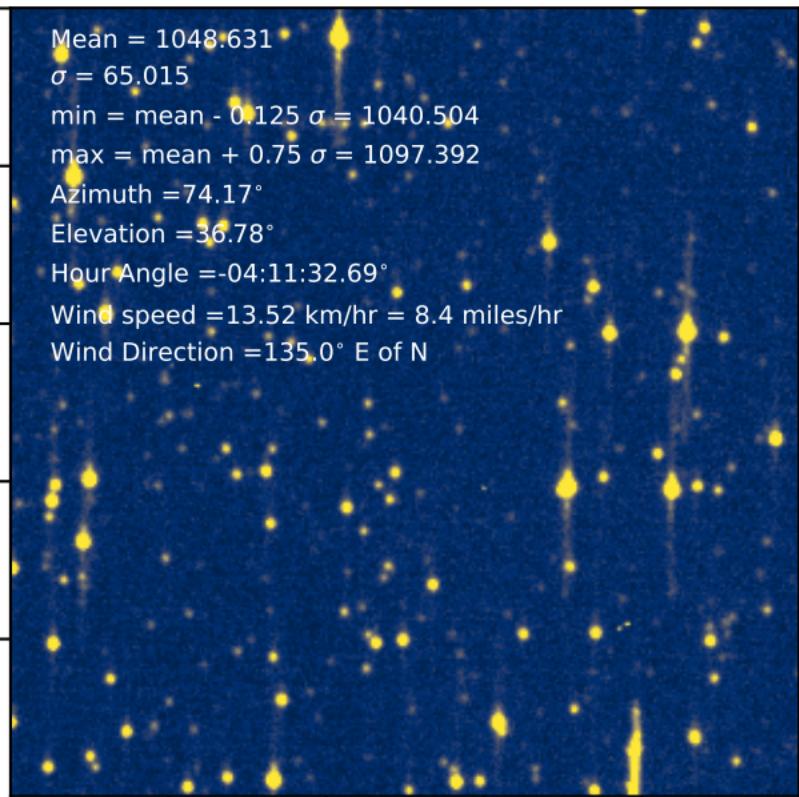
0

200

400

600

800



0

Mean = 1041.690

σ = 57.503

min = mean - 0.125 σ = 1034.502

max = mean + 0.75 σ = 1084.818

Azimuth = 74.25°

Elevation = 36.96°

Hour Angle = -04:10:39.55°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

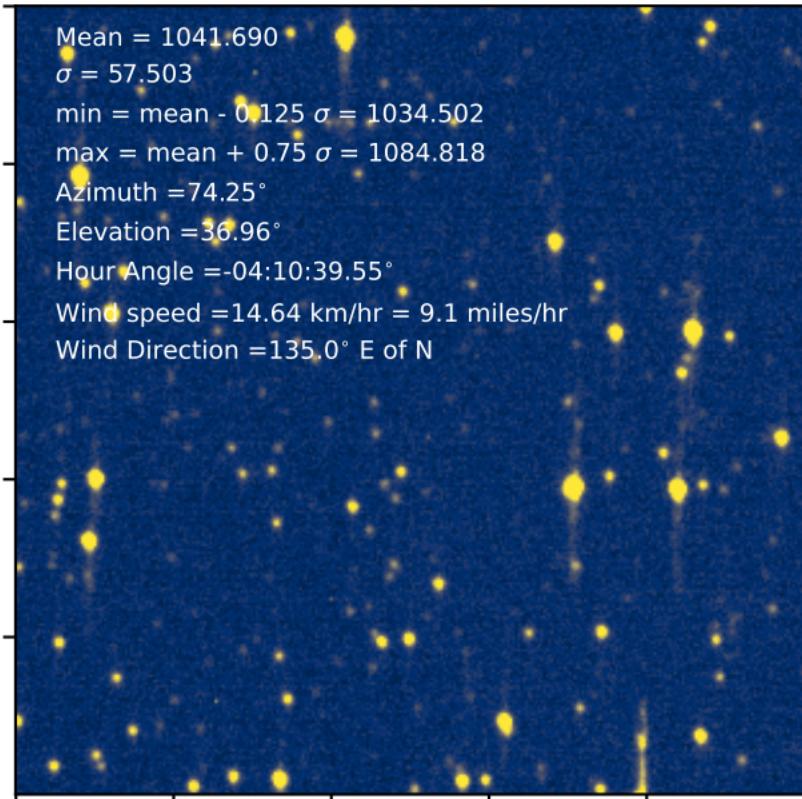
0

200

400

600

800



0

Mean = 1041.958

σ = 54.888

min = mean - 0.125 σ = 1035.097

200

max = mean + 0.75 σ = 1083.124

Azimuth = 74.33°

Elevation = 37.14°

400

Hour Angle = -04:09:47.41°

600

Wind speed = 13.84 km/hr = 8.6 miles/hr

800

Wind Direction = 135.0° E of N

0

200

400

600

800

0

Mean = 1047.871

σ = 65.847

min = mean - 0.125 σ = 1039.64

max = mean + 0.75 σ = 1097.256

Azimuth = 74.39°

Elevation = 37.3°

Hour Angle = -04:09:00.28°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

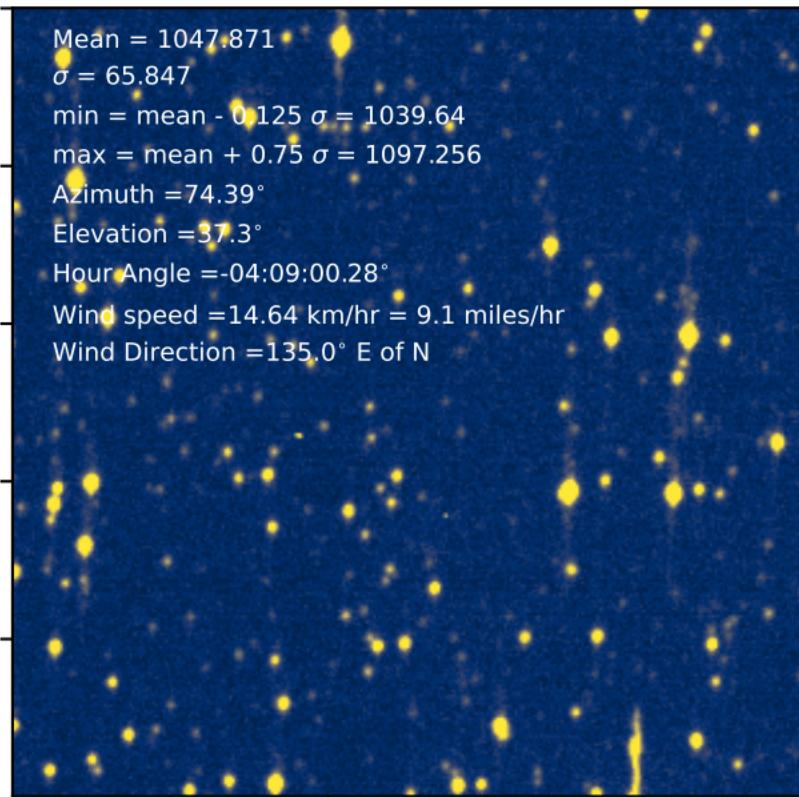
0

200

400

600

800



0

Mean = 1041.162

σ = 57.903

min = mean - 0.125 σ = 1033.924

max = mean + 0.75 σ = 1084.59

Azimuth = 74.47°

Elevation = 37.48°

Hour Angle = -04:08:07.13°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1041.536

σ = 55.538

min = mean - 0.125 σ = 1034.594

max = mean + 0.75 σ = 1083.19

Azimuth = 74.55°

Elevation = 37.66°

Hour Angle = -04:07:14.99°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1047.622

σ = 66.079

min = mean - 0.125 σ = 1039.362

max = mean + 0.75 σ = 1097.182

Azimuth = 74.62°

Elevation = 37.82°

Hour Angle = -04:06:27.86°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

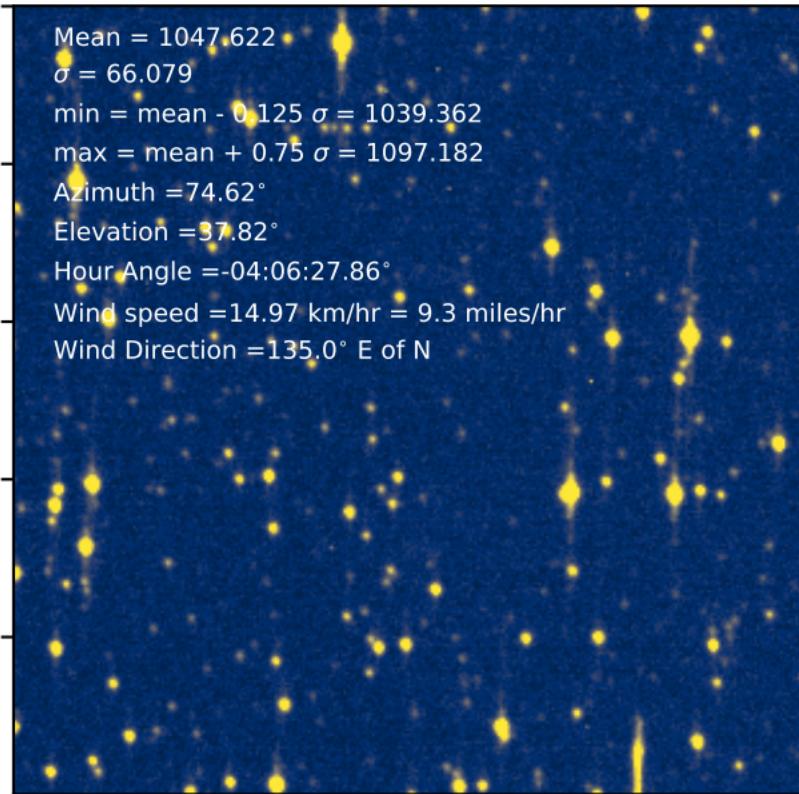
0

200

400

600

800



0

Mean = 1041.070

σ = 57.943

min = mean - 0.125 σ = 1033.827

max = mean + 0.75 σ = 1084.527

Azimuth = 74.69°

Elevation = 38.0°

Hour Angle = -04:05:34.72°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

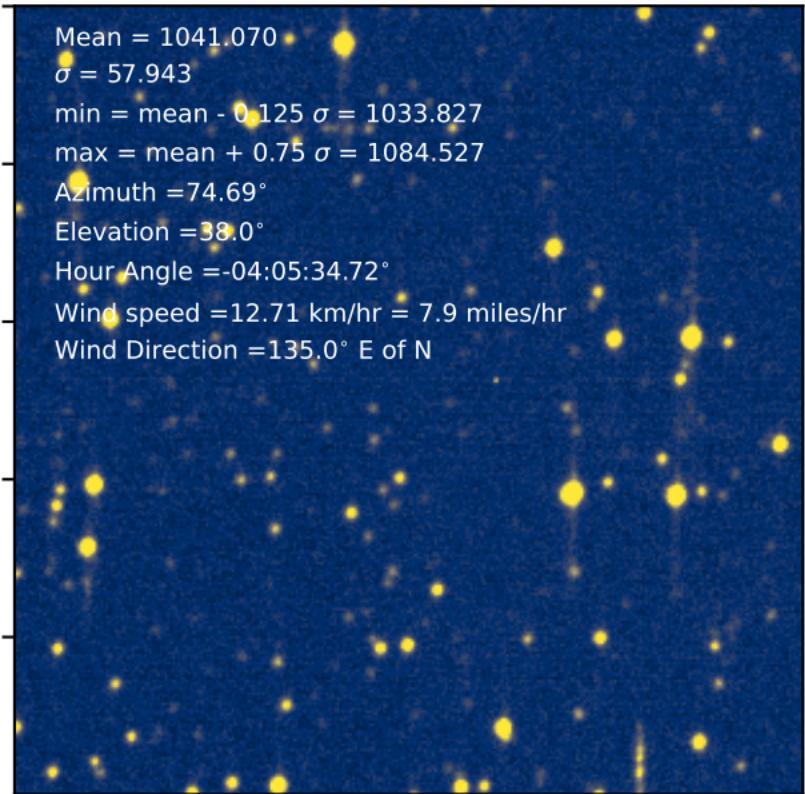
0

200

400

600

800



0

Mean = 1047.473

σ = 66.835

min = mean - 0.125 σ = 1039.119

max = mean + 0.75 σ = 1097.6

Azimuth = 74.76°

Elevation = 38.16°

Hour Angle = -04:04:48.59°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

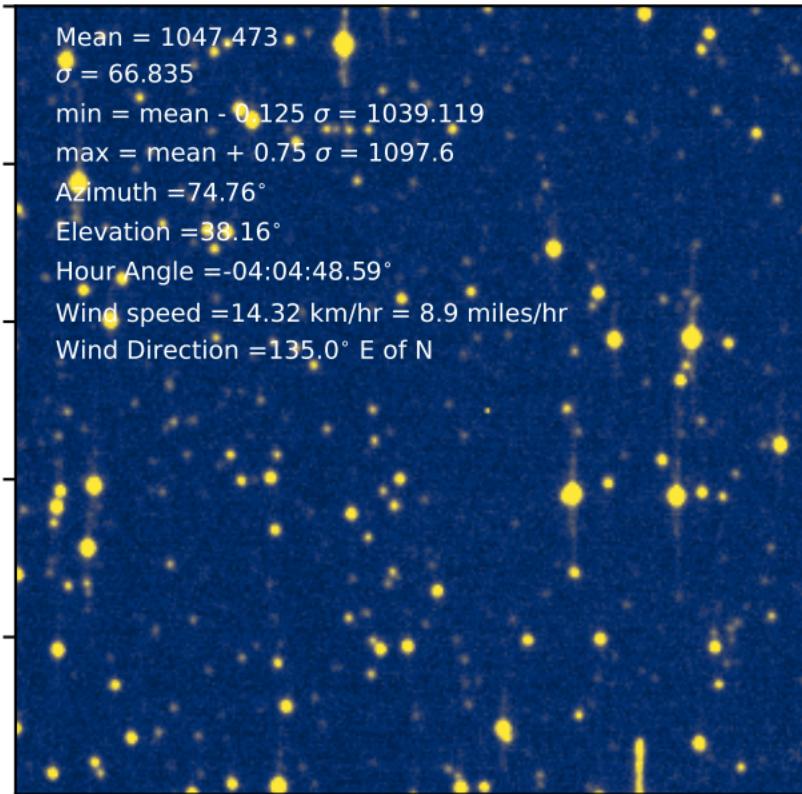
0

200

400

600

800



0

Mean = 1040.988

σ = 57.915

min = mean - 0.125 σ = 1033.749

max = mean + 0.75 σ = 1084.424

Azimuth = 74.84°

Elevation = 38.34°

Hour Angle = -04:03:56.45°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

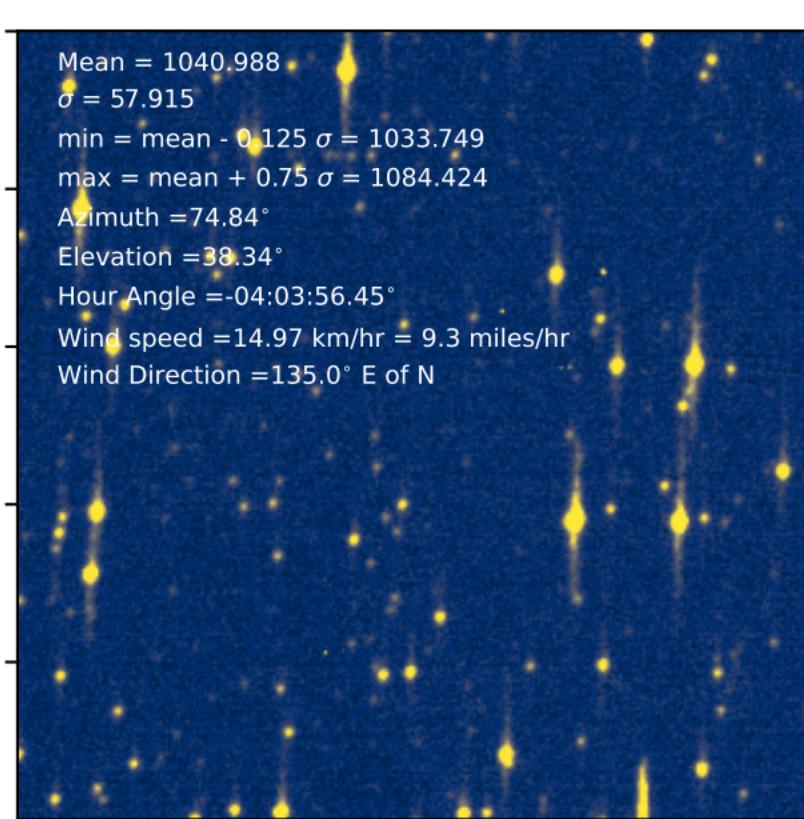
0

200

400

600

800



0

Mean = 1041.209

σ = 56.090

min = mean - 0.125 σ = 1034.198

max = mean + 0.75 σ = 1083.277

Azimuth = 74.91°

Elevation = 38.52°

Hour Angle = -04:03:04.31°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

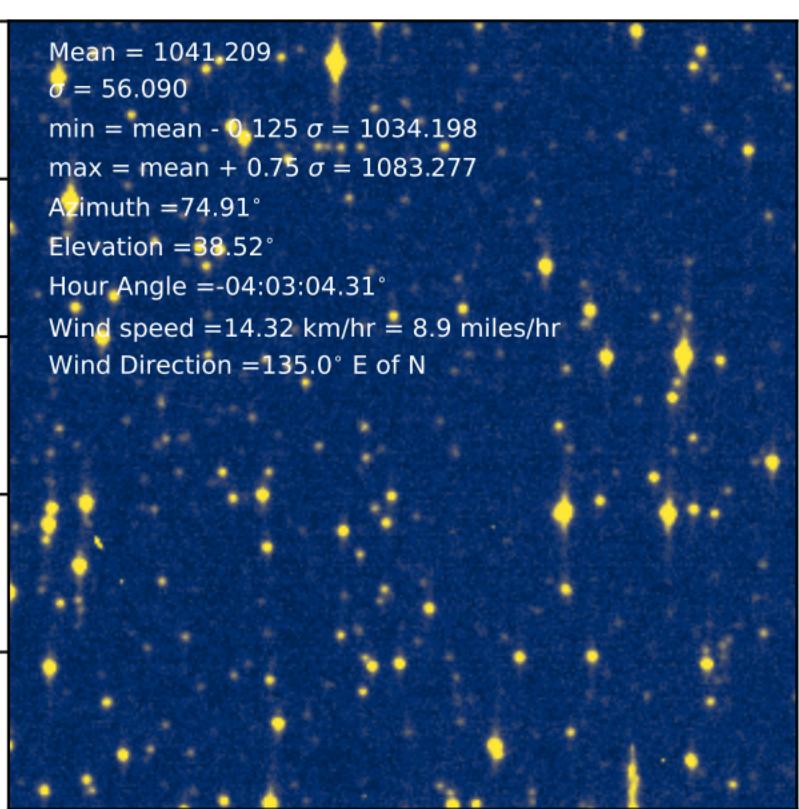
0

200

400

600

800



0

Mean = 1047.016

σ = 65.799

min = mean - 0.125 σ = 1038.791

max = mean + 0.75 σ = 1096.365

Azimuth = 74.98°

Elevation = 38.68°

Hour Angle = -04:02:17.18°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

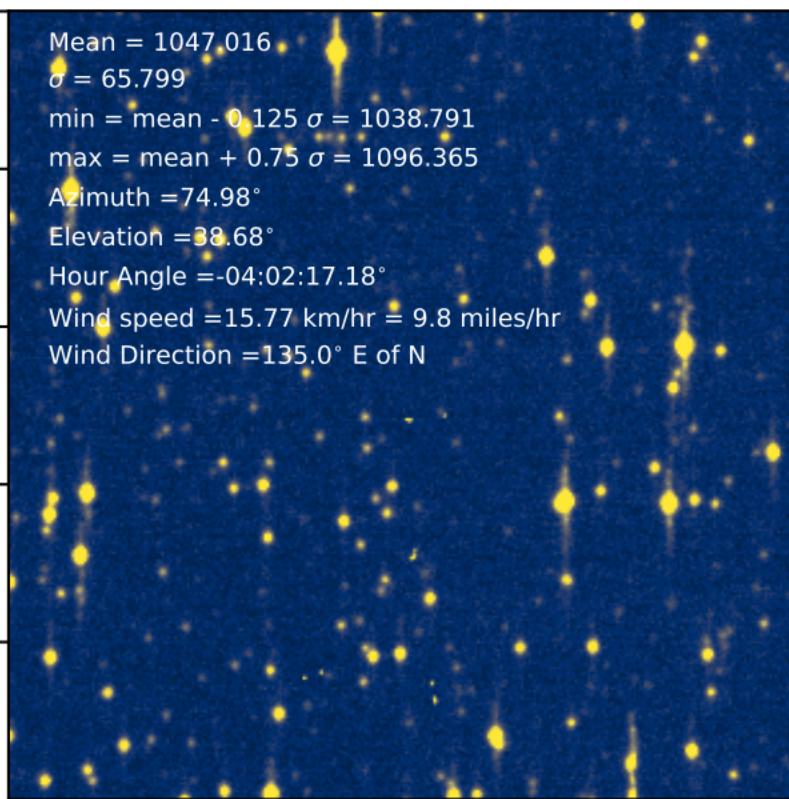
0

200

400

600

800



0

Mean = 1040.436

σ = 57.301

min = mean - 0.125 σ = 1033.274

max = mean + 0.75 σ = 1083.412

Azimuth = 75.06°

Elevation = 38.86°

Hour Angle = -04:01:24.03°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1041.282

σ = 59.126

min = mean - 0.125 σ = 1033.891

max = mean + 0.75 σ = 1085.627

Azimuth = 75.13°

Elevation = 39.04°

Hour Angle = -04:00:31.89°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

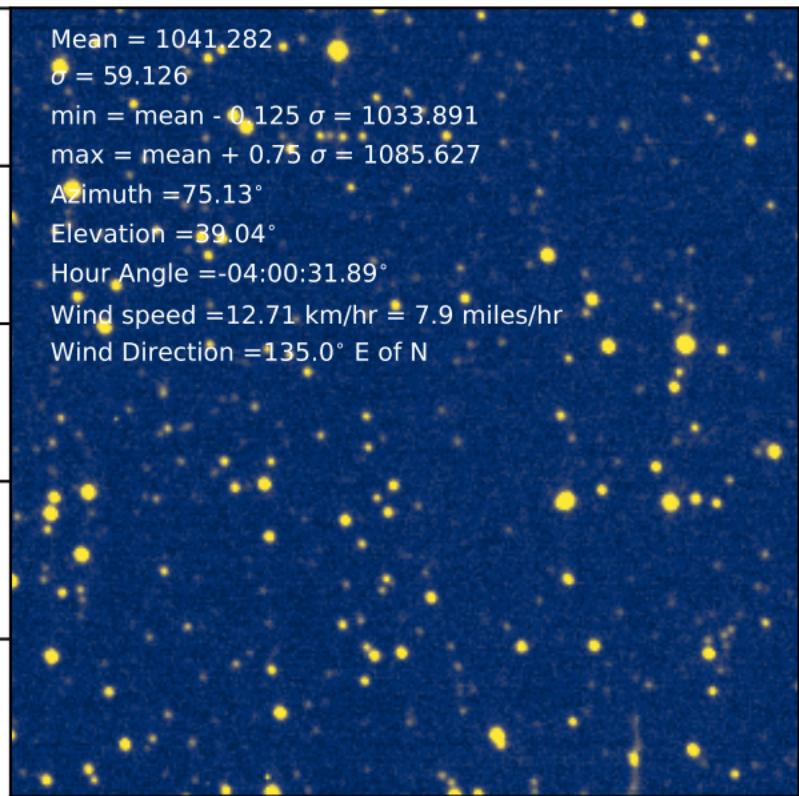
0

200

400

600

800



0

Mean = 1046.870

σ = 66.641

min = mean - 0.125 σ = 1038.54

max = mean + 0.75 σ = 1096.851

Azimuth = 75.2°

Elevation = 39.2°

Hour Angle = -03:59:44.76°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1040.206

σ = 58.302

min = mean - 0.125 σ = 1032.919

max = mean + 0.75 σ = 1083.933

Azimuth = 75.28°

Elevation = 39.38°

Hour Angle = -03:58:51.62°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

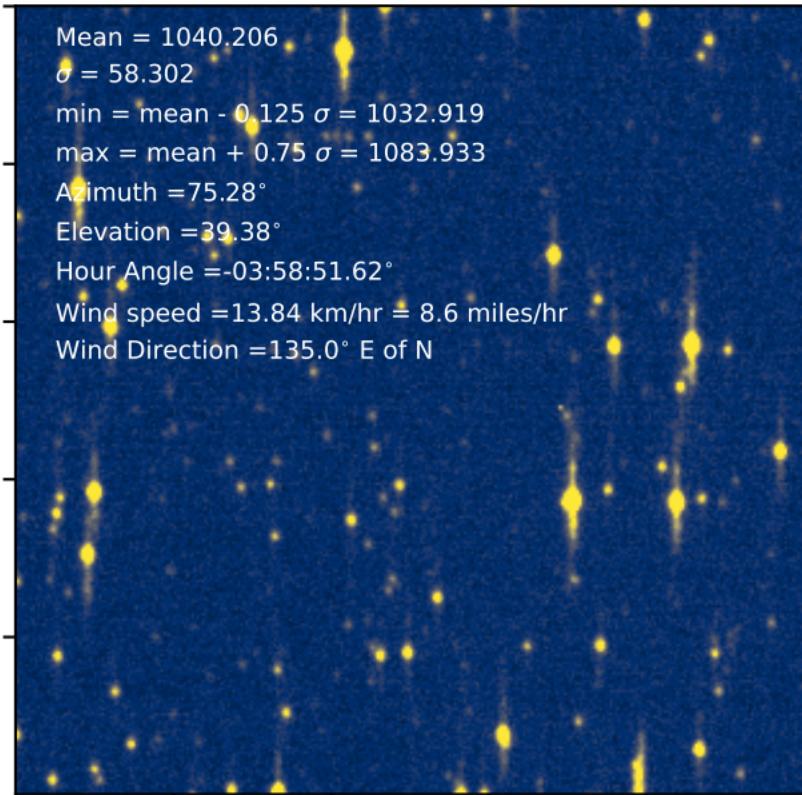
0

200

400

600

800



0

Mean = 1046.913

σ = 66.632

min = mean - 0.125 σ = 1038.584

max = mean + 0.75 σ = 1096.887

Azimuth = 75.34°

Elevation = 39.54°

Hour Angle = -03:58:06.49°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

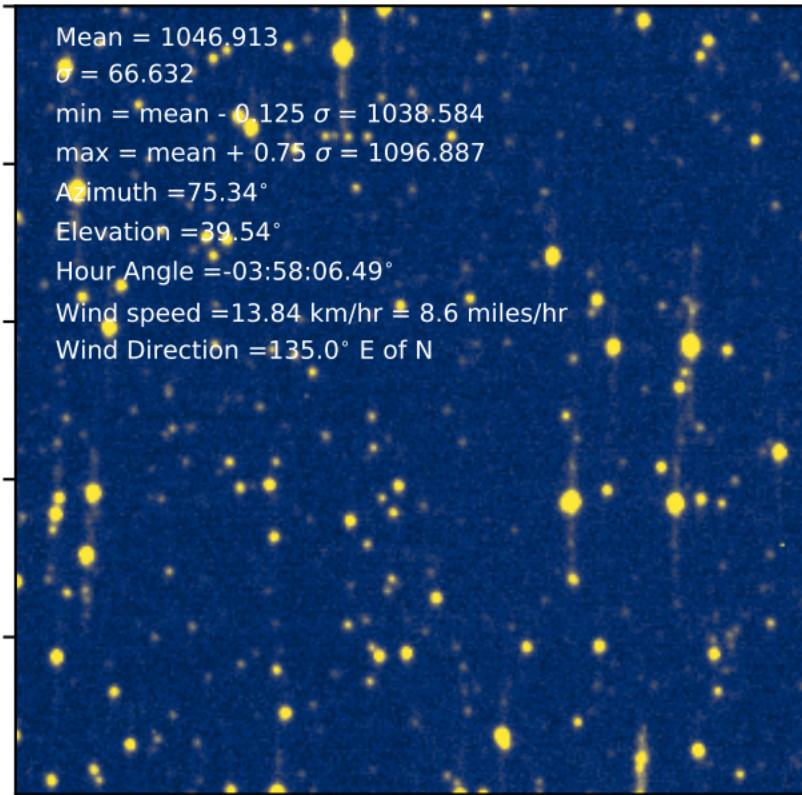
0

200

400

600

800



0

Mean = 1040.062

σ = 56.981

min = mean - 0.125 σ = 1032.94

max = mean + 0.75 σ = 1082.798

Azimuth = 75.42°

Elevation = 39.72°

Hour Angle = -03:57:13.35°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

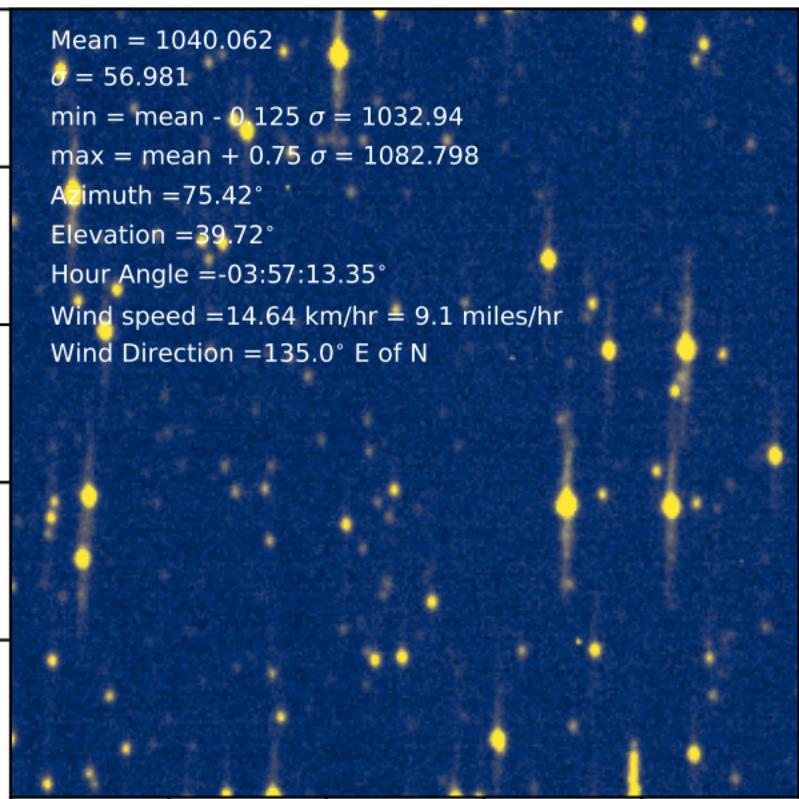
0

200

400

600

800



0

Mean = 1042.844

σ = 54.803

min = mean - 0.125 σ = 1035.994

max = mean + 0.75 σ = 1083.946

Azimuth = 75.5°

Elevation = 39.9°

Hour Angle = -03:56:21.20°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0 200 400 600 800

0 200 400 600 800

0

Mean = 1046.906

σ = 66.839

min = mean - 0.125 σ = 1038.551

max = mean + 0.75 σ = 1097.035

Azimuth = 75.57°

Elevation = 40.06°

Hour Angle = -03:55:34.08°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

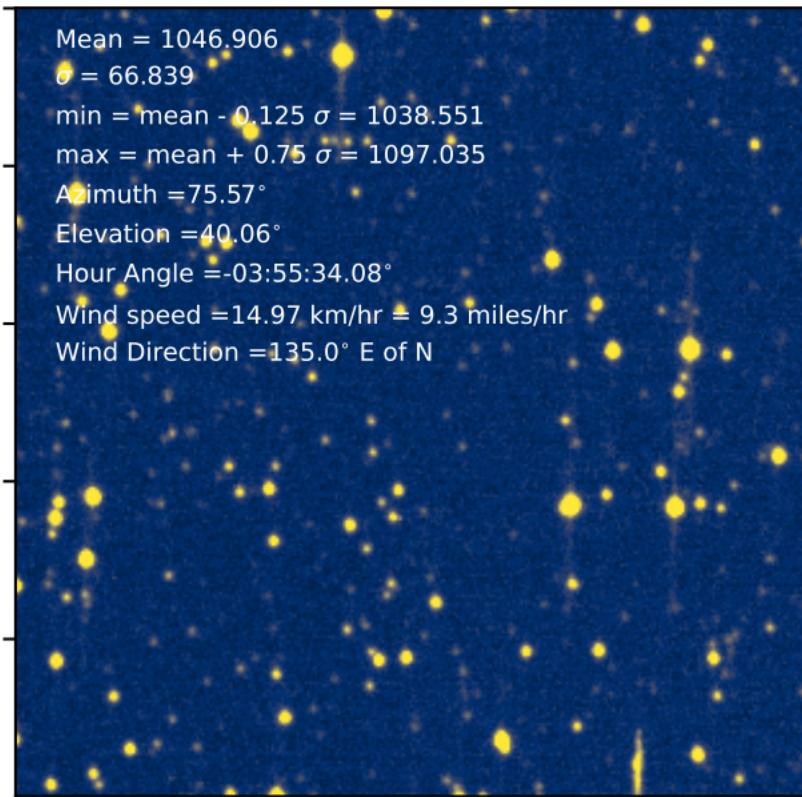
0

200

400

600

800



0

Mean = 1039.796

σ = 58.829

min = mean - 0.125 σ = 1032.442

max = mean + 0.75 σ = 1083.918

Azimuth = 75.64°

Elevation = 40.24°

Hour Angle = -03:54:41.93°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

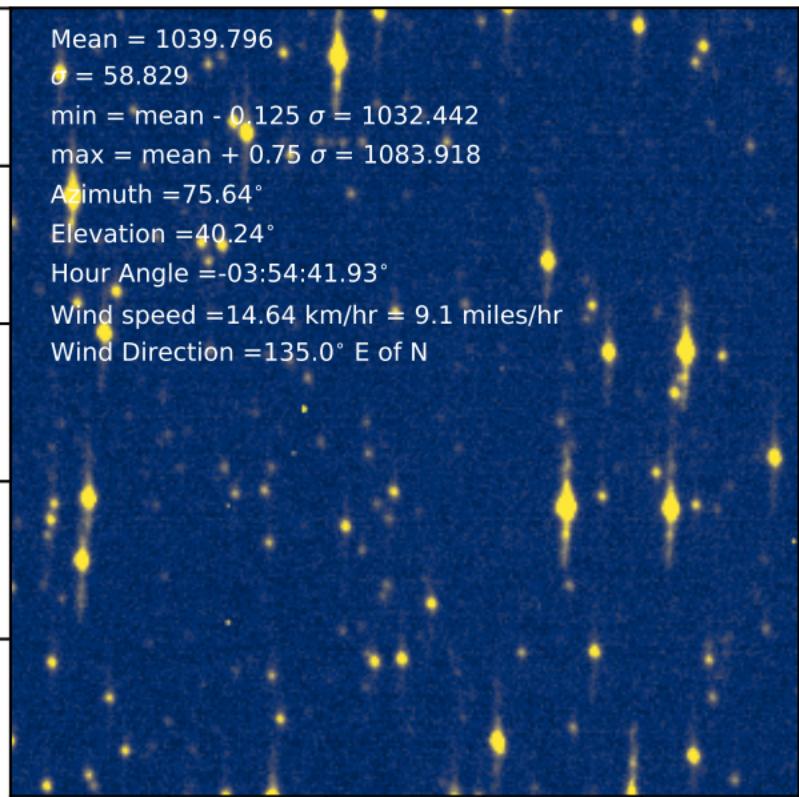
0

200

400

600

800



0

Mean = 1042.832

σ = 58.189

min = mean - 0.125 σ = 1035.559

max = mean + 0.75 σ = 1086.475

Azimuth = 75.95°

Elevation = 40.97°

Hour Angle = -03:51:10.36°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

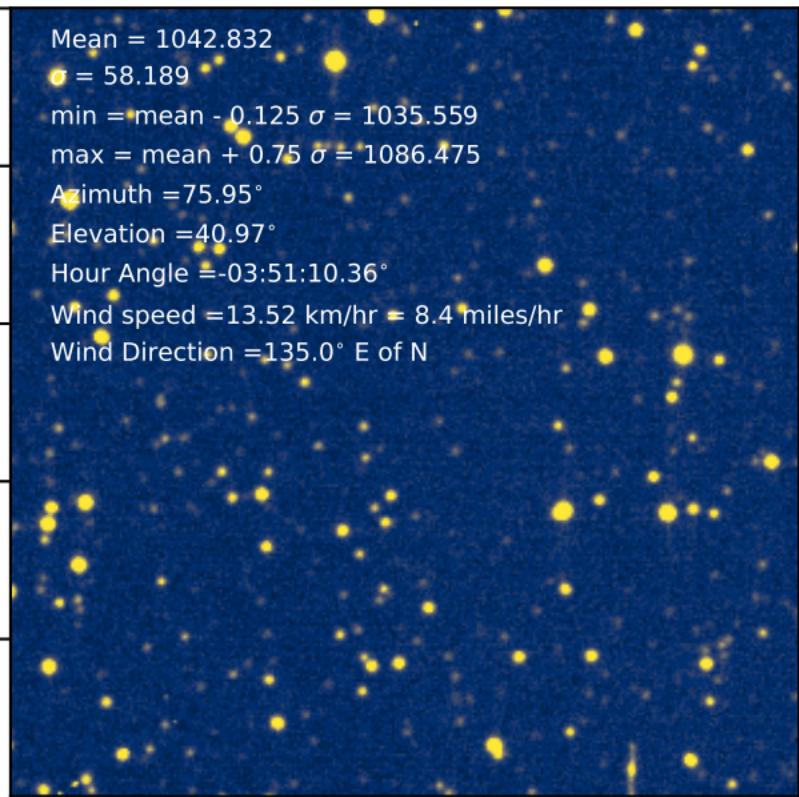
0

200

400

600

800



0

Mean = 1046.551

σ = 66.614

min = mean - 0.125 σ = 1038.224

max = mean + 0.75 σ = 1096.511

200

Azimuth = 76.01°

Elevation = 41.13°

Hour Angle = -03:50:23.23°

400

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

600

800

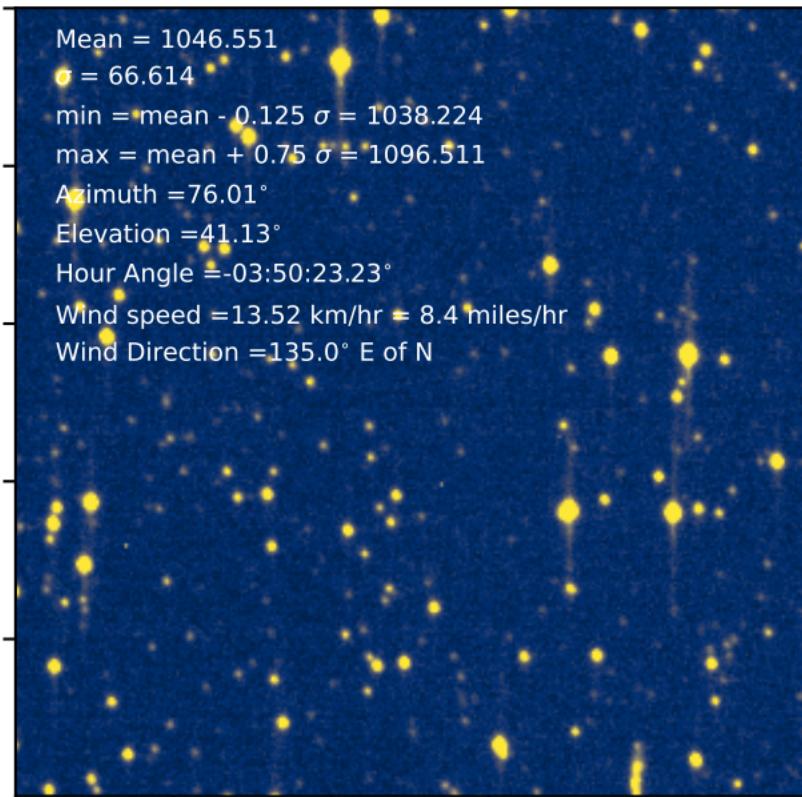
0

200

400

600

800



0

Mean = 1038.611

σ = 58.696

min = mean - 0.125 σ = 1031.274

max = mean + 0.75 σ = 1082.633

Azimuth = 76.09°

Elevation = 41.31°

Hour Angle = -03:49:30.08°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

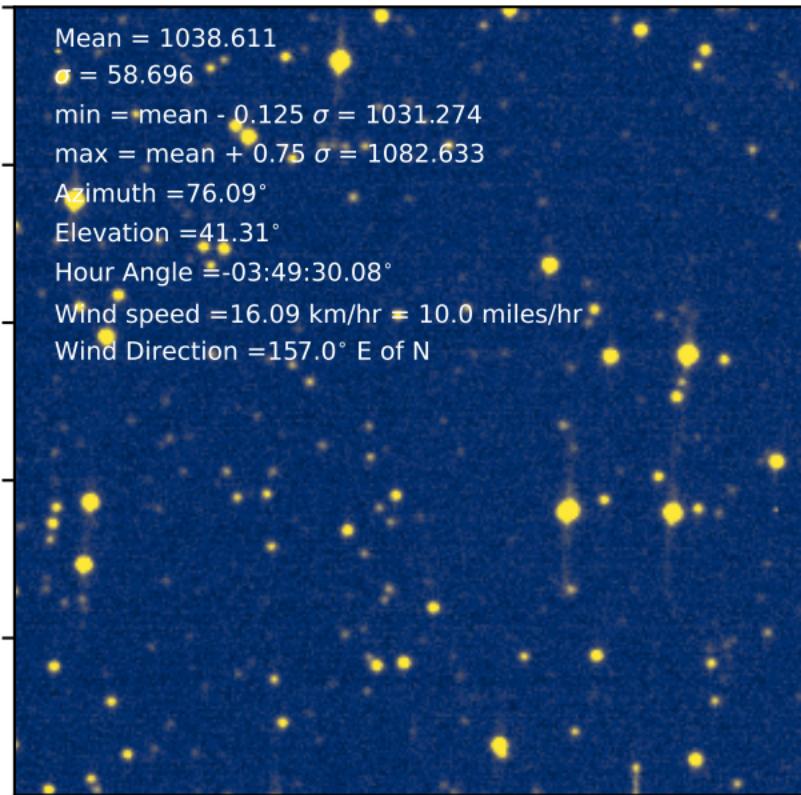
0

200

400

600

800



0

Mean = 1046.181

σ = 67.362

min = mean - 0.125 σ = 1037.76

max = mean + 0.75 σ = 1096.702

Azimuth = 76.16°

Elevation = 41.47°

Hour Angle = -03:48:43.96°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

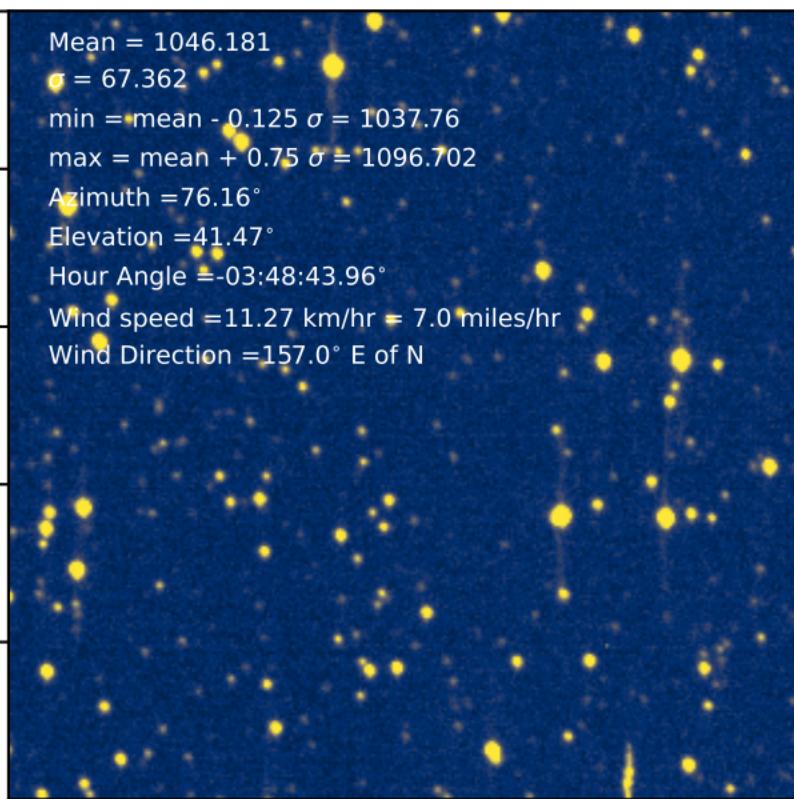
0

200

400

600

800



0

Mean = 1038.447

σ = 59.022

min = mean - 0.125 σ = 1031.069

max = mean + 0.75 σ = 1082.713

Azimuth = 76.23°

Elevation = 41.65°

Hour Angle = -03:47:51.81°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1042.027

σ = 60.350

min = mean - 0.125 σ = 1034.484

max = mean + 0.75 σ = 1087.29

Azimuth = 76.31°

Elevation = 41.83°

Hour Angle = -03:46:58.67°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1046.216

σ = 66.281

min = mean - 0.125 σ = 1037.931

200

max = mean + 0.75 σ = 1095.927

Azimuth = 76.37°

Elevation = 41.99°

Hour Angle = -03:46:12.54°

400

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 157.0° E of N

600

800

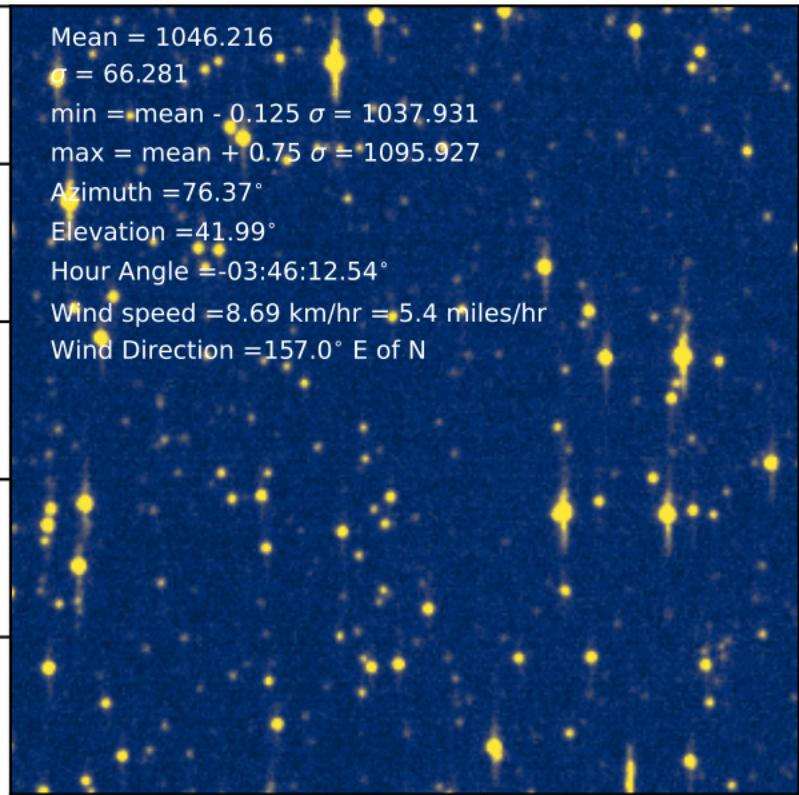
0

200

400

600

800



0

Mean = 1038.134

σ = 58.568

min = mean - 0.125 σ = 1030.813

max = mean + 0.75 σ = 1082.06

Azimuth = 76.45°

Elevation = 42.17°

Hour Angle = -03:45:19.40°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

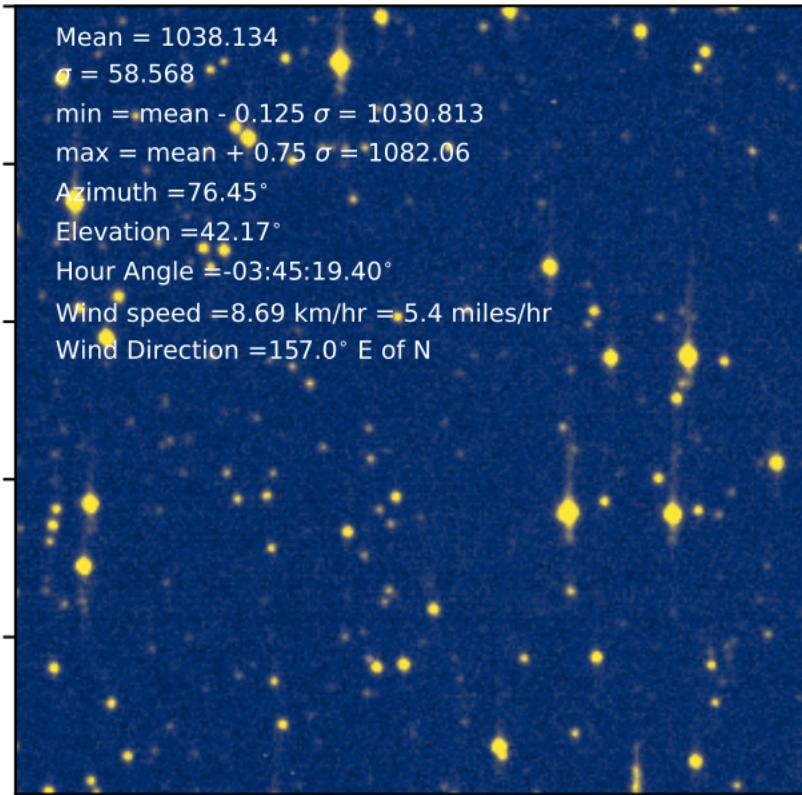
0

200

400

600

800



0

Mean = 1041.861

σ = 56.033

min = mean - 0.125 σ = 1034.856

200

max = mean + 0.75 σ = 1083.885

Azimuth = 76.53°

Elevation = 42.35°

Hour Angle = -03:44:27.26°

400

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

600

800

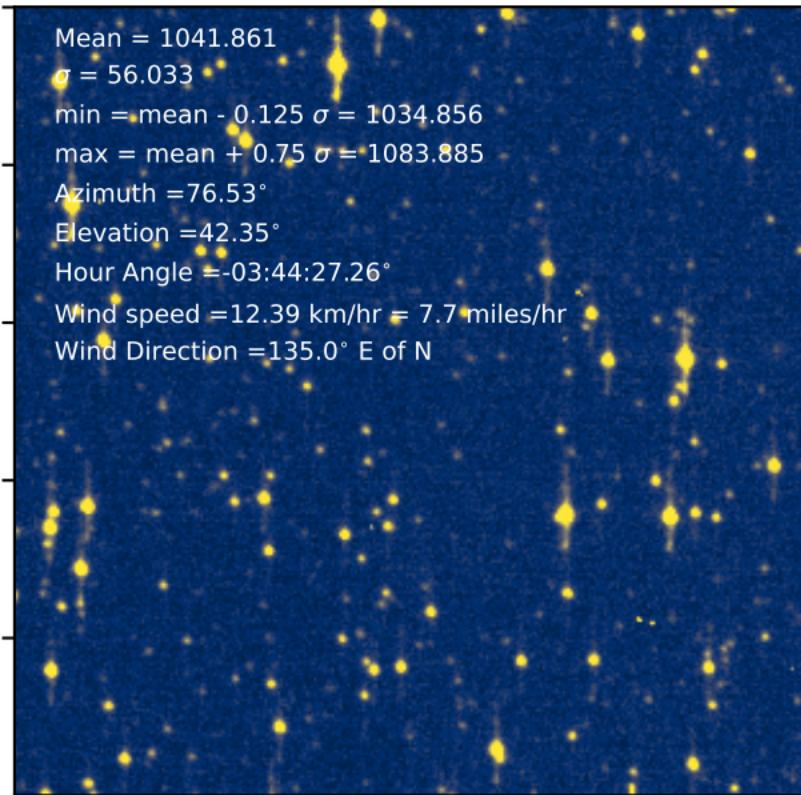
0

200

400

600

800



0

Mean = 1045.452

σ = 68.047

min = mean - 0.125 σ = 1036.946

max = mean + 0.75 σ = 1096.487

Azimuth = 76.59°

Elevation = 42.52°

Hour Angle = -03:43:40.13°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

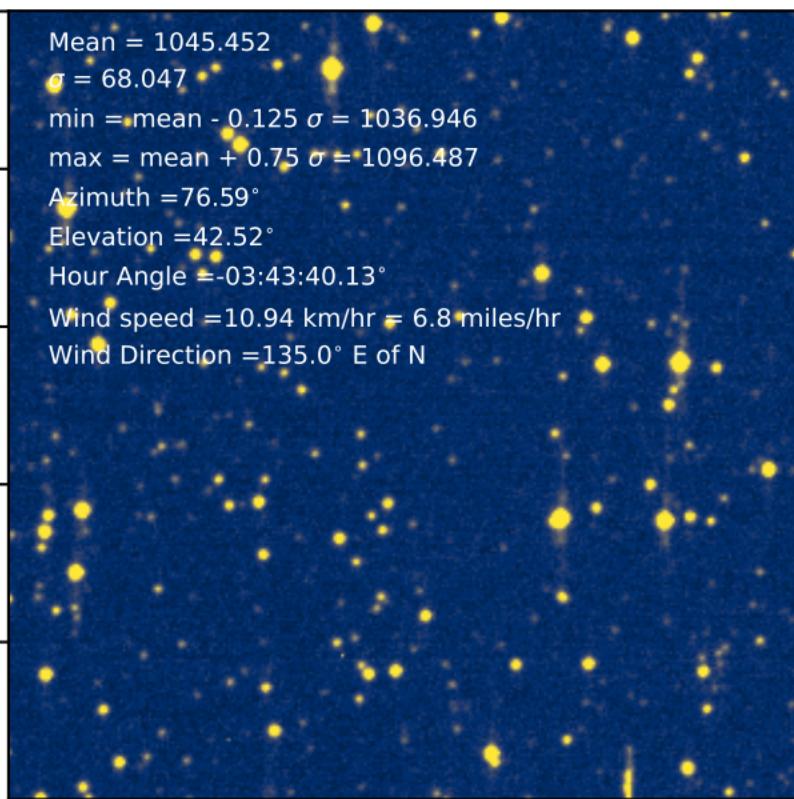
0

200

400

600

800



0

Mean = 1037.824

σ = 59.525

min = mean - 0.125 σ = 1030.383

max = mean + 0.75 σ = 1082.467

Azimuth = 76.67°

Elevation = 42.7°

Hour Angle = -03:42:46.98°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

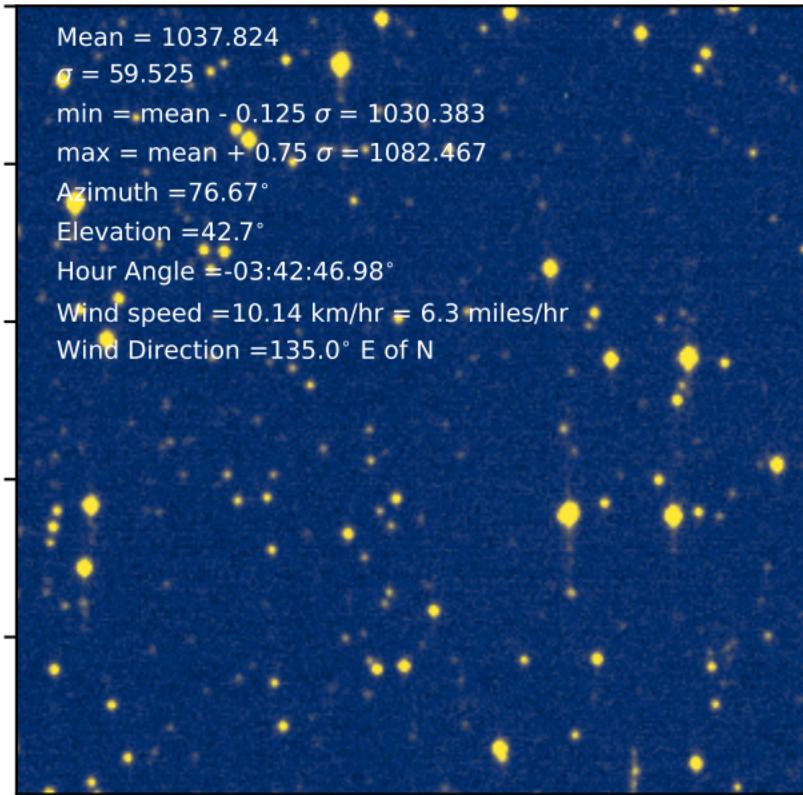
0

200

400

600

800



0

Mean = 1045.527

σ = 68.708

min = mean - 0.125 σ = 1036.938

max = mean + 0.75 σ = 1097.058

Azimuth = 76.73°

Elevation = 42.86°

Hour Angle = -03:42:00.86°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

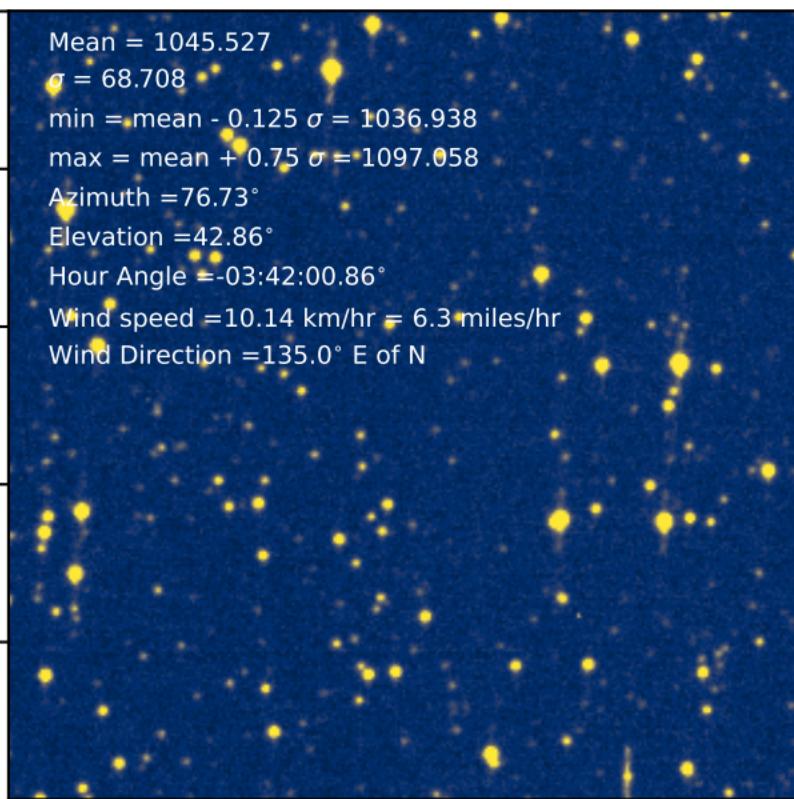
0

200

400

600

800



0

Mean = 1037.772

σ = 58.617

min = mean - 0.125 σ = 1030.445

max = mean + 0.75 σ = 1081.735

Azimuth = 76.81°

Elevation = 43.04°

Hour Angle = -03:41:08.71°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

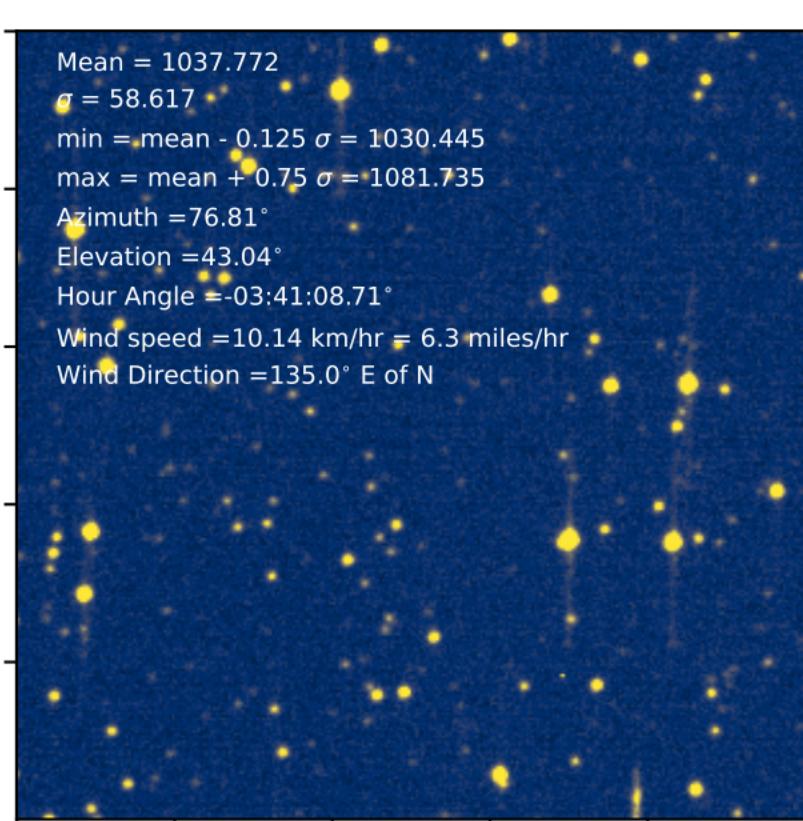
0

200

400

600

800



0

Mean = 1041.507

σ = 57.245

min = mean - 0.125 σ = 1034.352

max = mean + 0.75 σ = 1084.441

Azimuth = 76.88°

Elevation = 43.22°

Hour Angle = -03:40:16.57°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

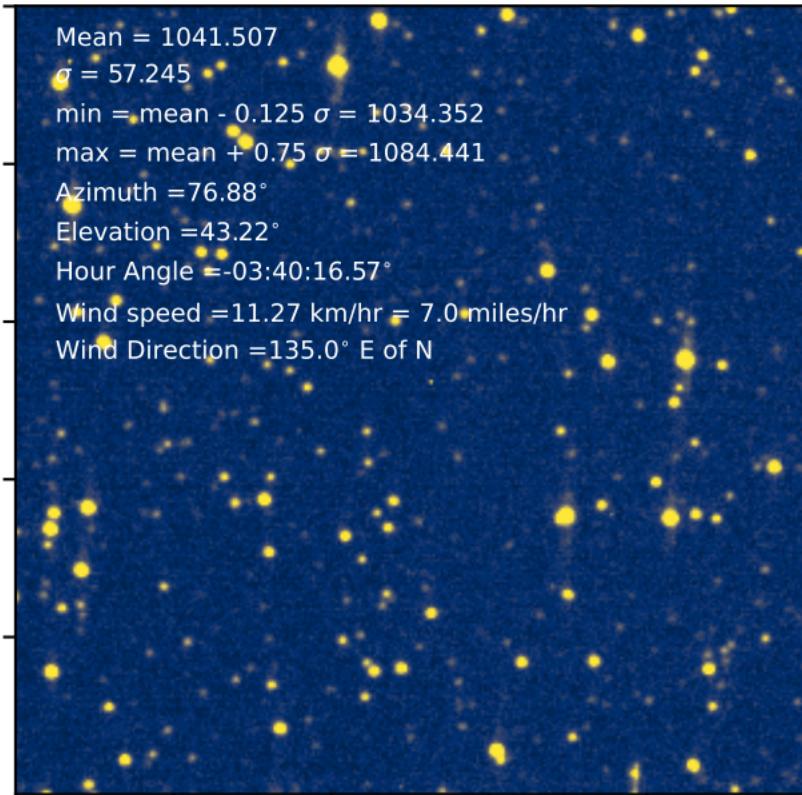
0

200

400

600

800



0

Mean = 1045.019

σ = 68.792

min = mean - 0.125 σ = 1036.42

max = mean + 0.75 σ = 1096.613

Azimuth = 76.95°

Elevation = 43.38°

Hour Angle = -03:39:29.44°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

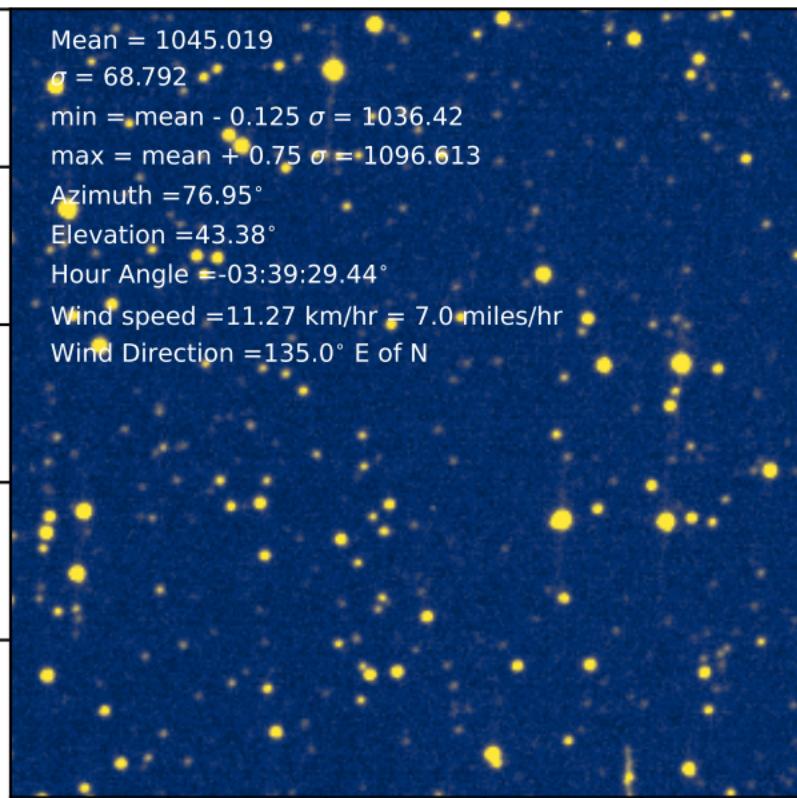
0

200

400

600

800



0

Mean = 1037.340

σ = 60.126

min = mean - 0.125 σ = 1029.824

max = mean + 0.75 σ = 1082.435

Azimuth = 77.03°

Elevation = 43.57°

Hour Angle = -03:38:36.30°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1040.957

σ = 57.735

min = mean - 0.125 σ = 1033.74

max = mean + 0.75 σ = 1084.258

Azimuth = 77.1°

Elevation = 43.75°

Hour Angle = -03:37:44.15°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

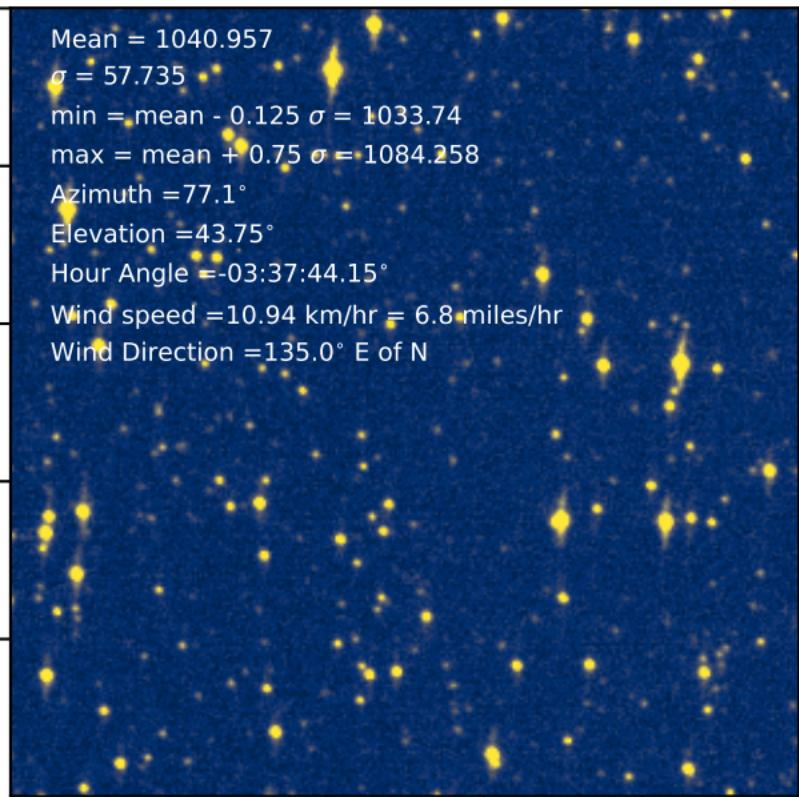
0

200

400

600

800



0

Mean = 1044.867

σ = 67.119

min = mean - 0.125 σ = 1036.477

max = mean + 0.75 σ = 1095.206

Azimuth = 77.17°

Elevation = 43.91°

Hour Angle = -03:36:57.03°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

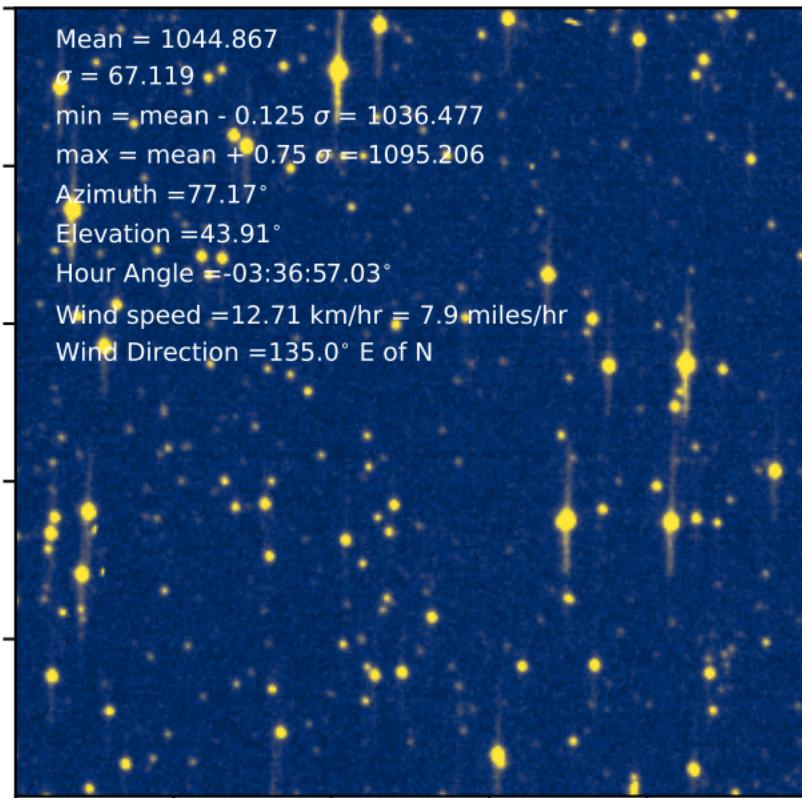
0

200

400

600

800



0

Mean = 1037.216

σ = 59.559

min = mean - 0.125 σ = 1029.772

max = mean + 0.75 σ = 1081.885

Azimuth = 77.24°

Elevation = 44.09°

Hour Angle = -03:36:04.88°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

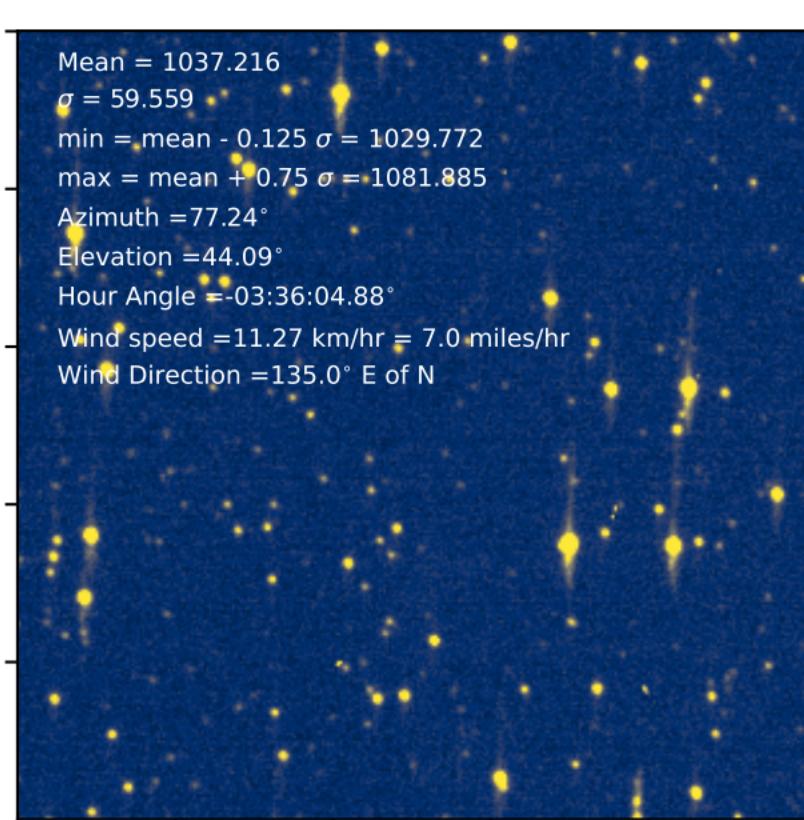
0

200

400

600

800



0

Mean = 1044.188

σ = 71.386

min = mean - 0.125 σ = 1035.264

max = mean + 0.75 σ = 1097.727

Azimuth = 77.31°

Elevation = 44.25°

Hour Angle = -03:35:18.76°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

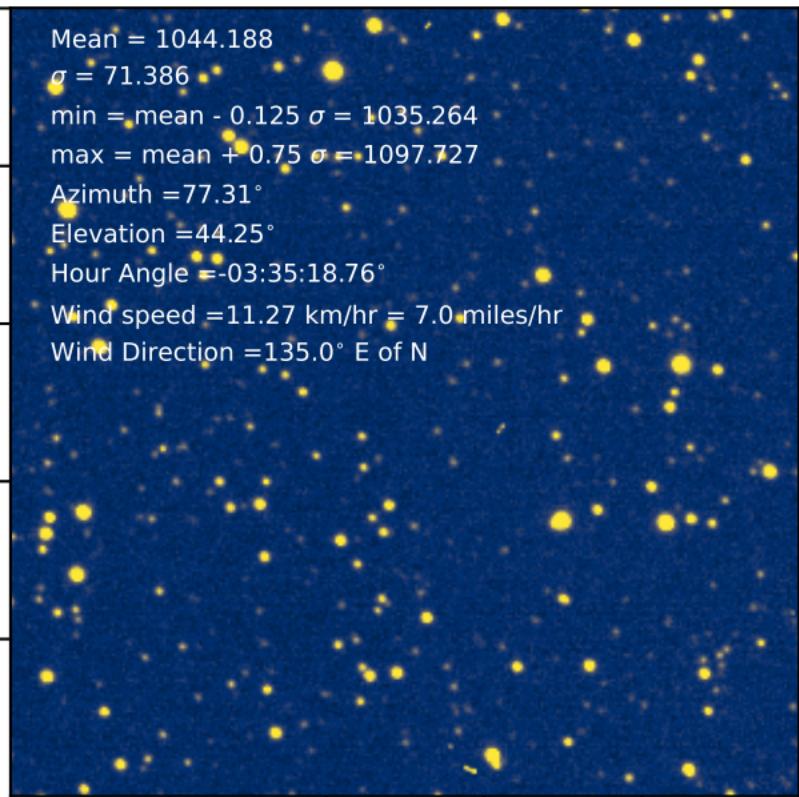
0

200

400

600

800



0

Mean = 1036.800

σ = 59.686

min = mean - 0.125 σ = 1029.339

max = mean + 0.75 σ = 1081.564

Azimuth = 77.39°

Elevation = 44.43°

Hour Angle = -03:34:25.61°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1040.088

σ = 61.727

min = mean - 0.125 σ = 1032.372

max = mean + 0.75 σ = 1086.383

Azimuth = 77.46°

Elevation = 44.61°

Hour Angle = -03:33:34.47°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

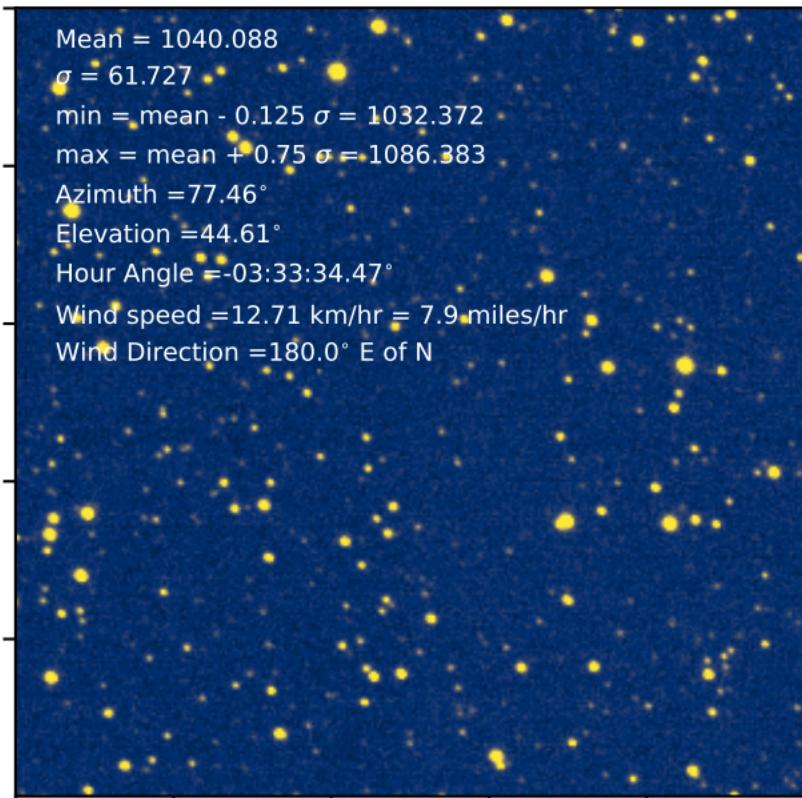
0

200

400

600

800



0

Mean = 1043.561

σ = 71.972

min = mean - 0.125 σ = 1034.564

max = mean + 0.75 σ = 1097.539

Azimuth = 77.53°

Elevation = 44.77°

Hour Angle = -03:32:47.34°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

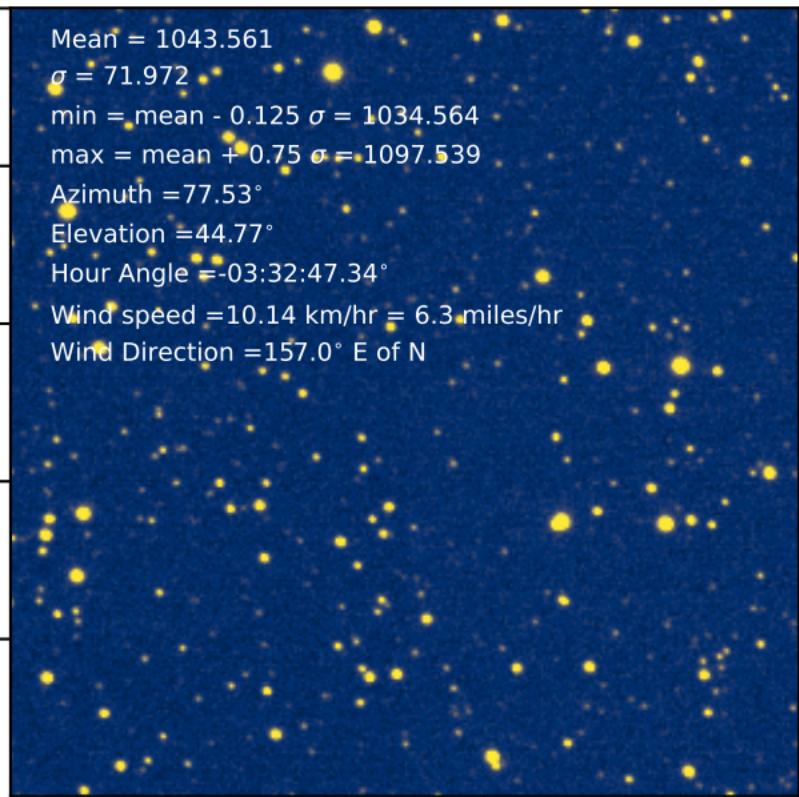
0

200

400

600

800



0

Mean = 1036.125

σ = 61.356

min = mean - 0.125 σ = 1028.455

max = mean + 0.75 σ = 1082.142

Azimuth = 77.6°

Elevation = 44.96°

Hour Angle = -03:31:54.20°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

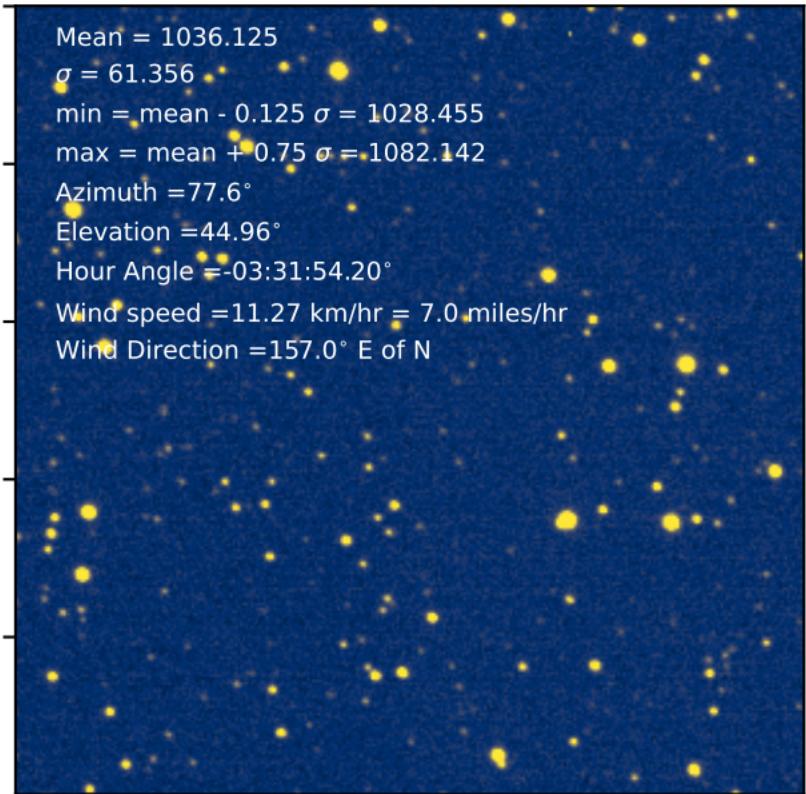
0

200

400

600

800



0

Mean = 1039.052

σ = 62.086

min = mean - 0.125 σ = 1031.291

max = mean + 0.75 σ = 1085.617

Azimuth = 77.68°

Elevation = 45.14°

Hour Angle = -03:31:02.06°

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

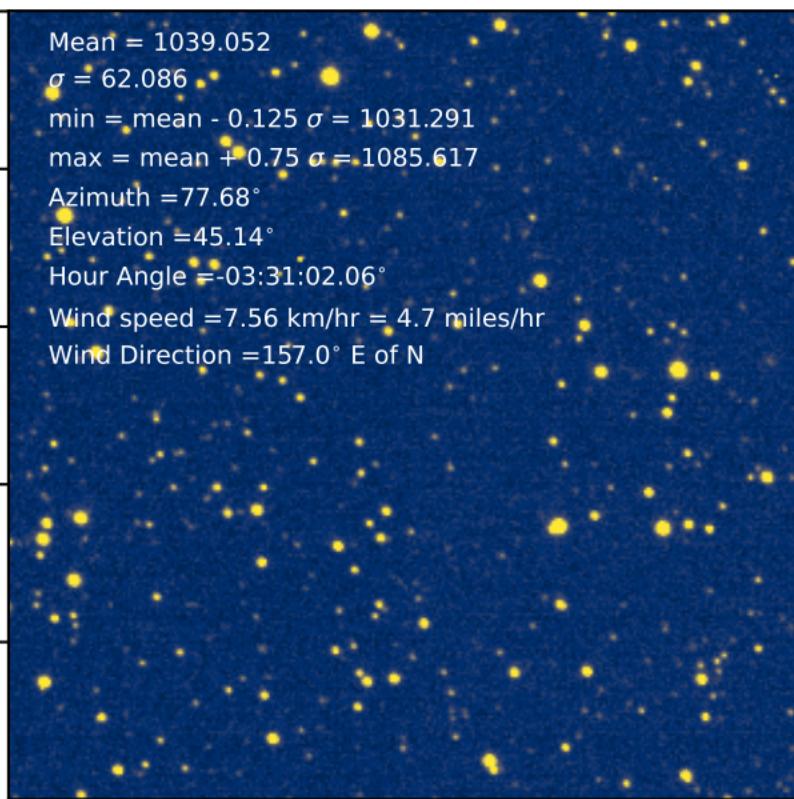
0

200

400

600

800



0

Mean = 1043.106

σ = 72.097

min = mean - 0.125 σ = 1034.094

max = mean + 0.75 σ = 1097.179

Azimuth = 77.74°

Elevation = 45.3°

Hour Angle = -03:30:14.93°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

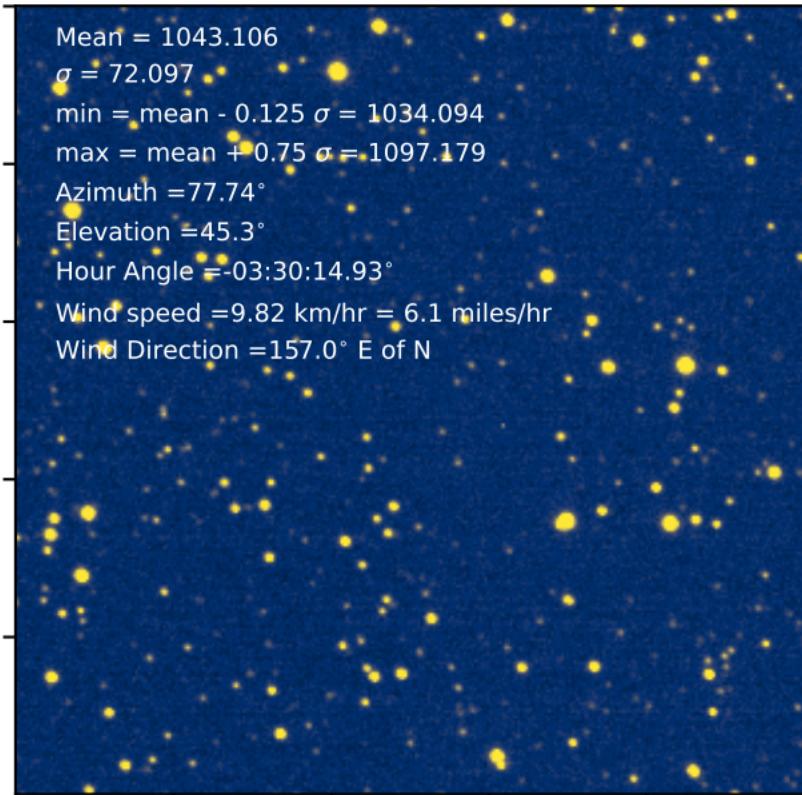
0

200

400

600

800



0

Mean = 1035.865

σ = 61.536

min = mean - 0.125 σ = 1028.173

max = mean + 0.75 σ = 1082.017

Azimuth = 77.82°

Elevation = 45.48°

Hour Angle = -03:29:22.79°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

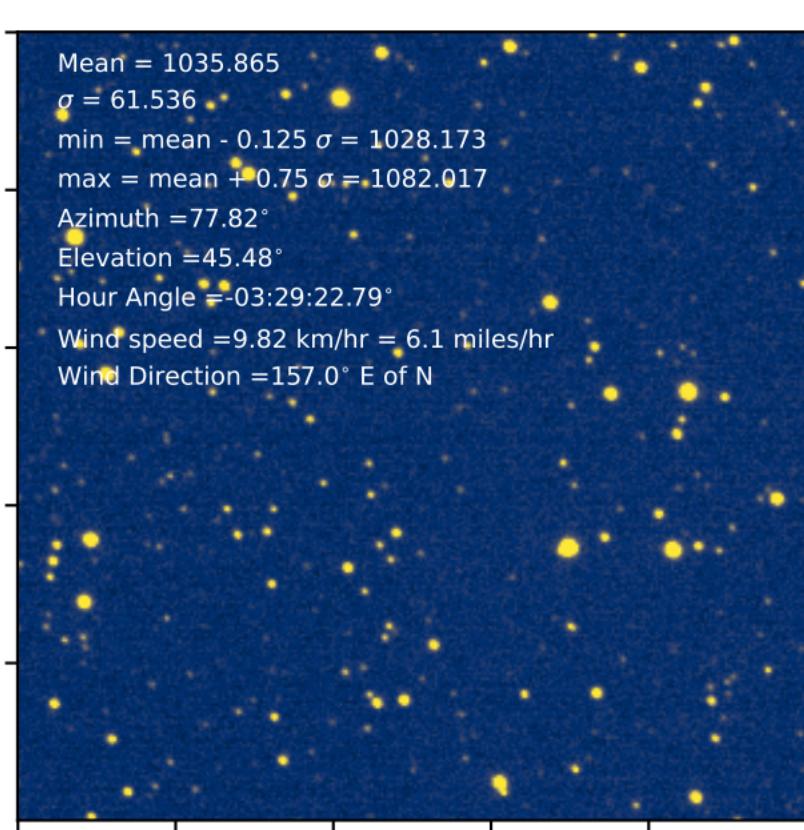
0

200

400

600

800



0

Mean = 1043.062

σ = 72.141

min = mean - 0.125 σ = 1034.045

max = mean + 0.75 σ = 1097.168

Azimuth = 77.88°

Elevation = 45.64°

Hour Angle = -03:28:36.66°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

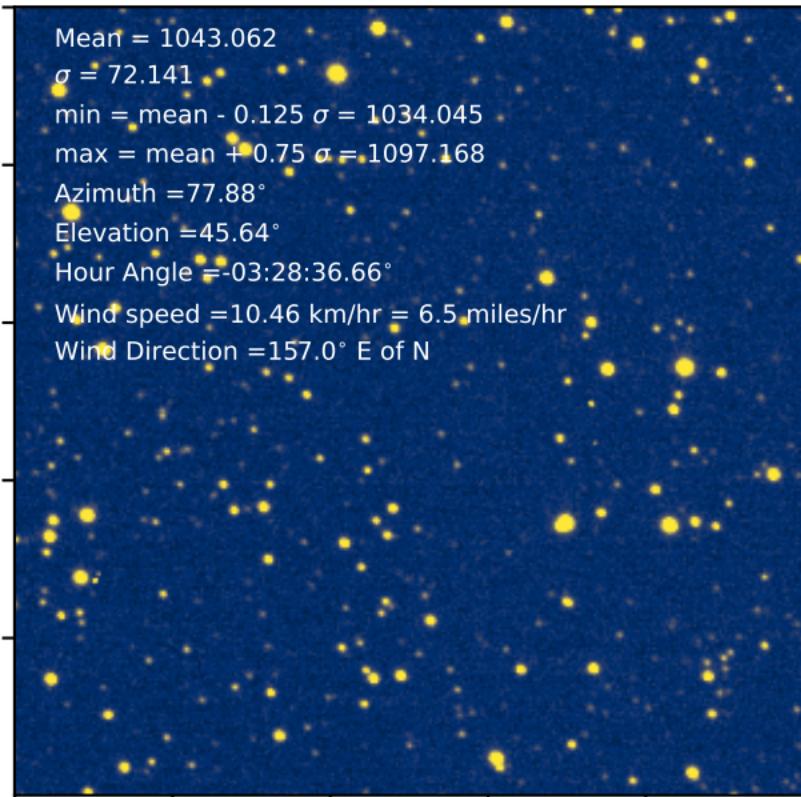
0

200

400

600

800



0

Mean = 1035.744

σ = 61.475

min = mean - 0.125 σ = 1028.06

max = mean + 0.75 σ = 1081.851

Azimuth = 77.96°

Elevation = 45.82°

Hour Angle = -03:27:43.51°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

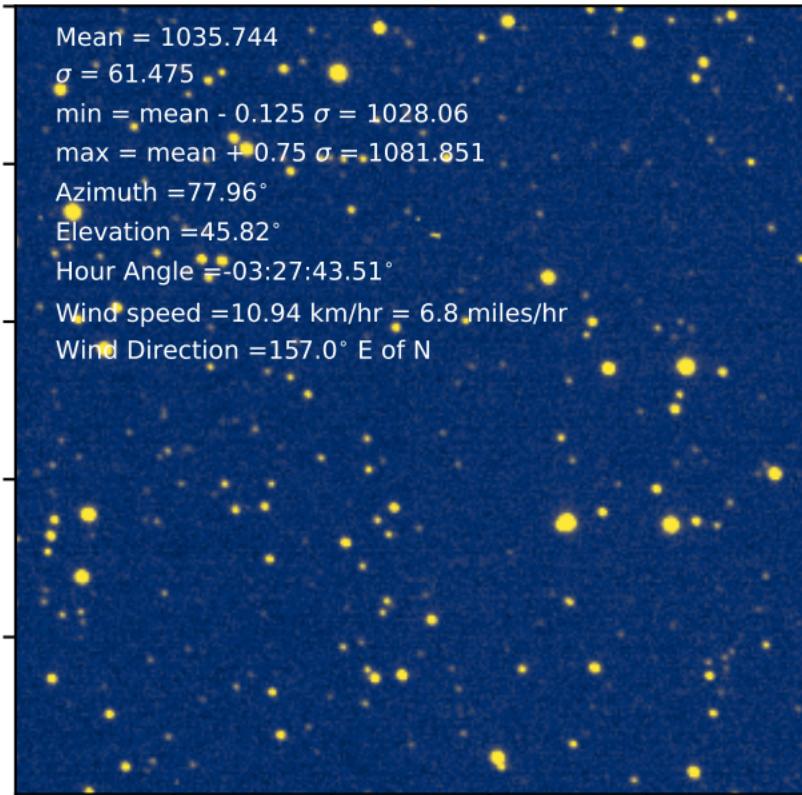
0

200

400

600

800



0

Mean = 1039.796

σ = 61.889

min = mean - 0.125 σ = 1032.06

max = mean + 0.75 σ = 1086.213

Azimuth = 78.03°

Elevation = 46.0°

Hour Angle = -03:26:52.38°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

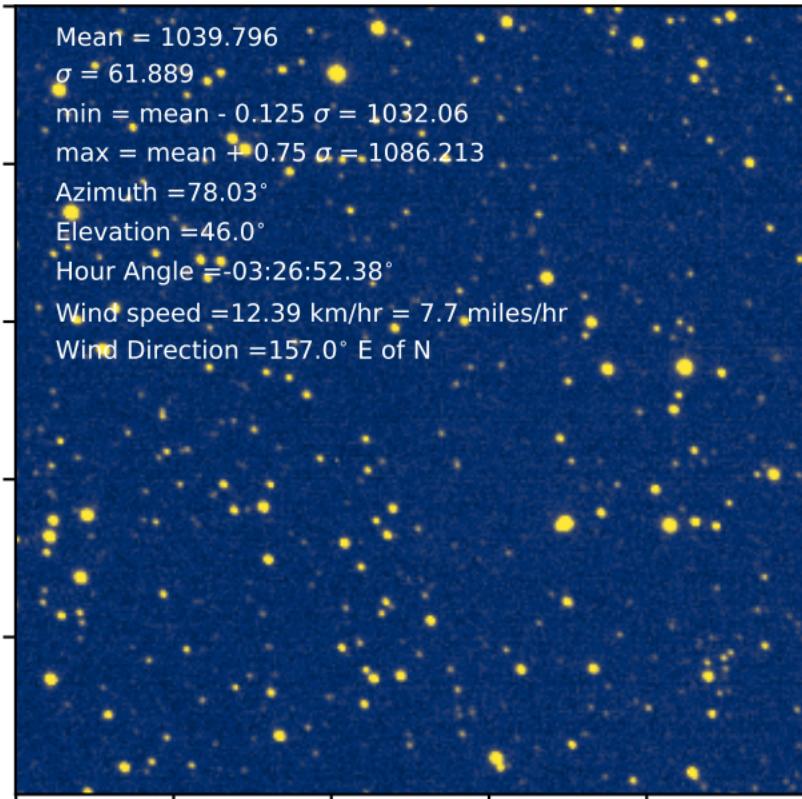
0

200

400

600

800



0

Mean = 1043.282

σ = 72.008

min = mean - 0.125 σ = 1034.281

max = mean + 0.75 σ = 1097.288

Azimuth = 78.1°

Elevation = 46.16°

Hour Angle = -03:26:05.25°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

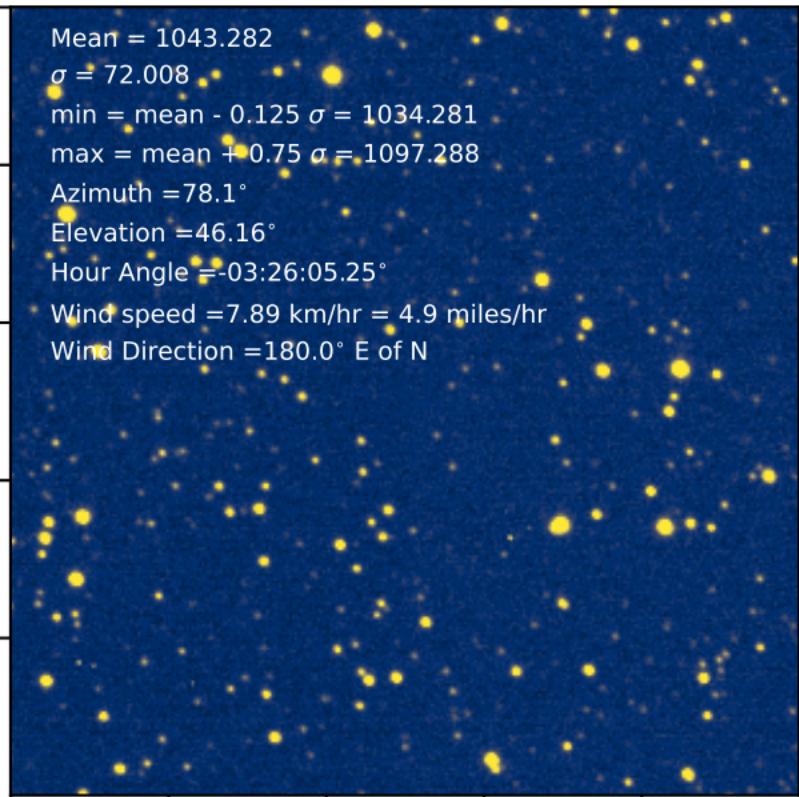
0

200

400

600

800



0

Mean = 1035.696

σ = 61.255

min = mean - 0.125 σ = 1028.039

max = mean + 0.75 σ = 1081.638

Azimuth = 78.18°

Elevation = 46.35°

Hour Angle = -03:25:12.10°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

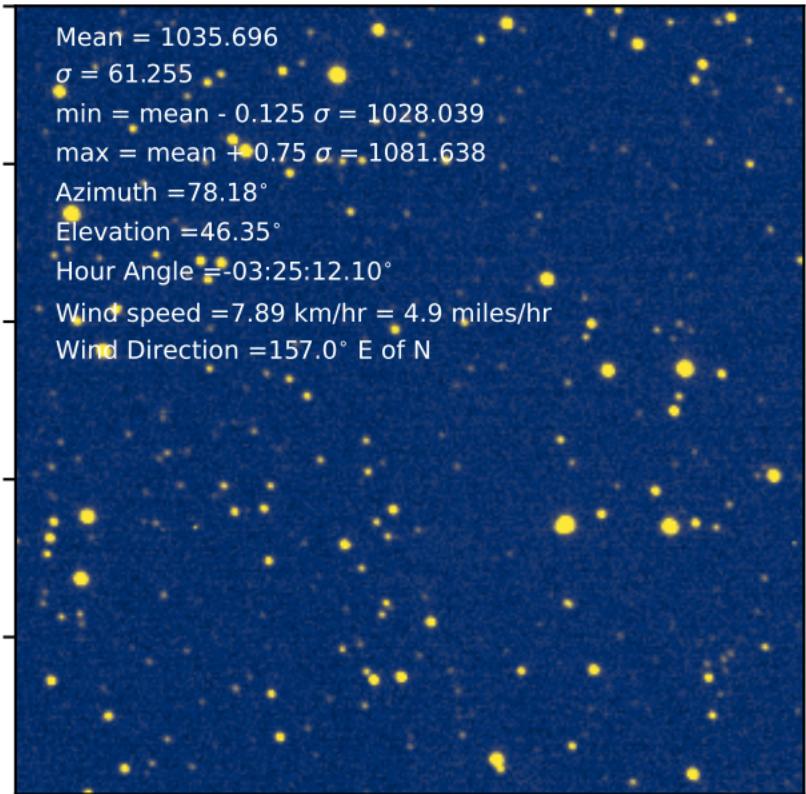
0

200

400

600

800



0

Mean = 1043.160

σ = 71.911

min = mean - 0.125 σ = 1034.171

max = mean + 0.75 σ = 1097.093

Azimuth = 78.24°

Elevation = 46.51°

Hour Angle = -03:24:26.98°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

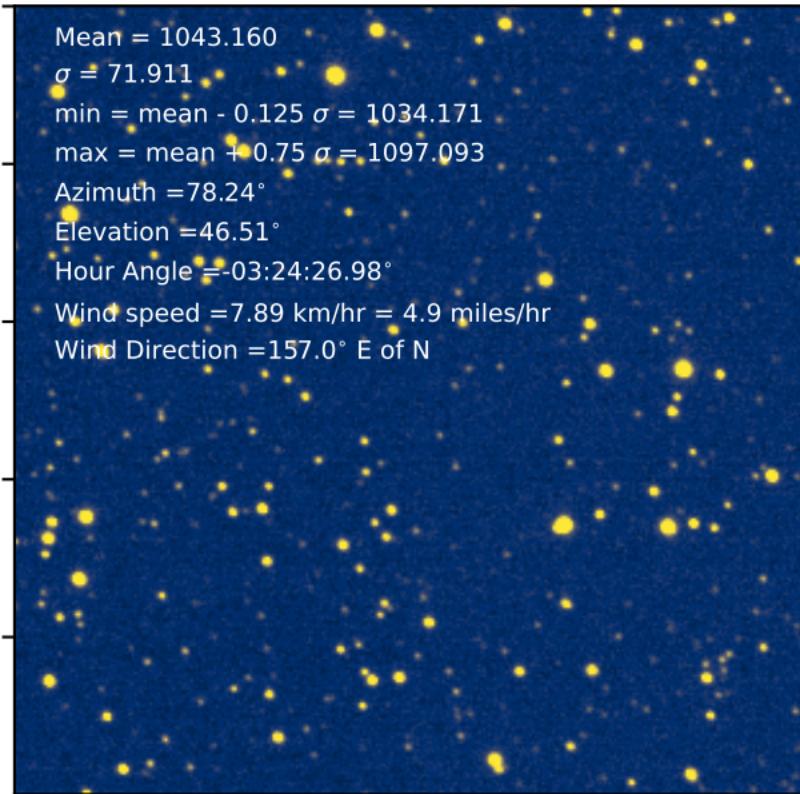
0

200

400

600

800



0

Mean = 1039.196

σ = 62.045

min = mean - 0.125 σ = 1031.441

max = mean + 0.75 σ = 1085.73

Azimuth = 78.31°

Elevation = 46.69°

Hour Angle = -03:23:34.84°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

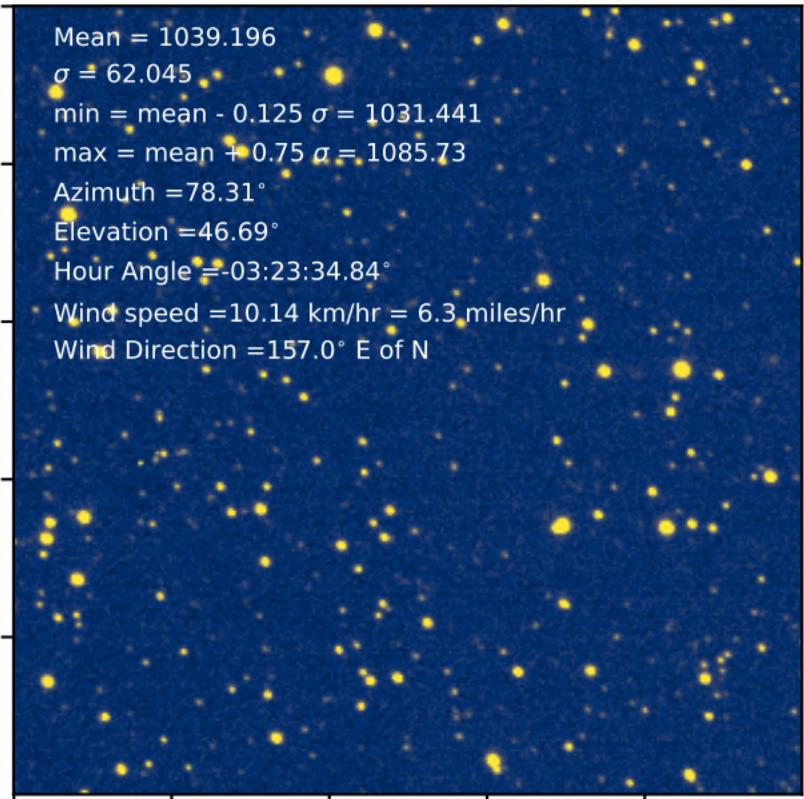
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1035.170

σ = 61.644

min = mean - 0.125 σ = 1027.465

max = mean + 0.75 σ = 1081.403

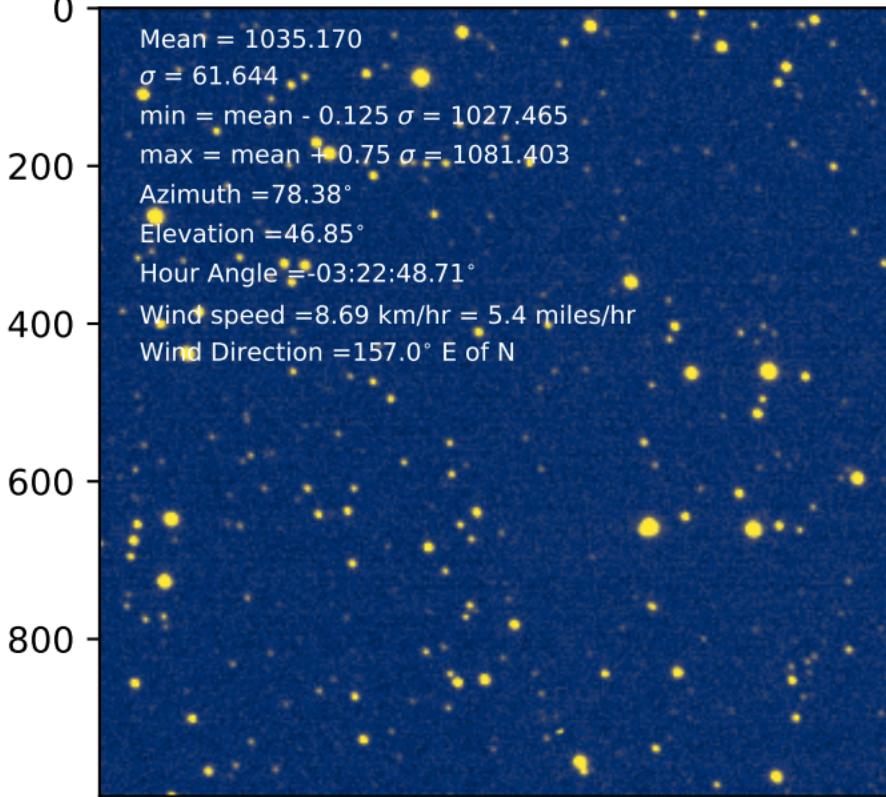
Azimuth = 78.38°

Elevation = 46.85°

Hour Angle = -03:22:48.71°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 157.0° E of N



0

Mean = 1038.763

σ = 62.405

min = mean - 0.125 σ = 1030.962

max = mean + 0.75 σ = 1085.567

Azimuth = 78.45°

Elevation = 47.03°

Hour Angle = -03:21:56.57°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

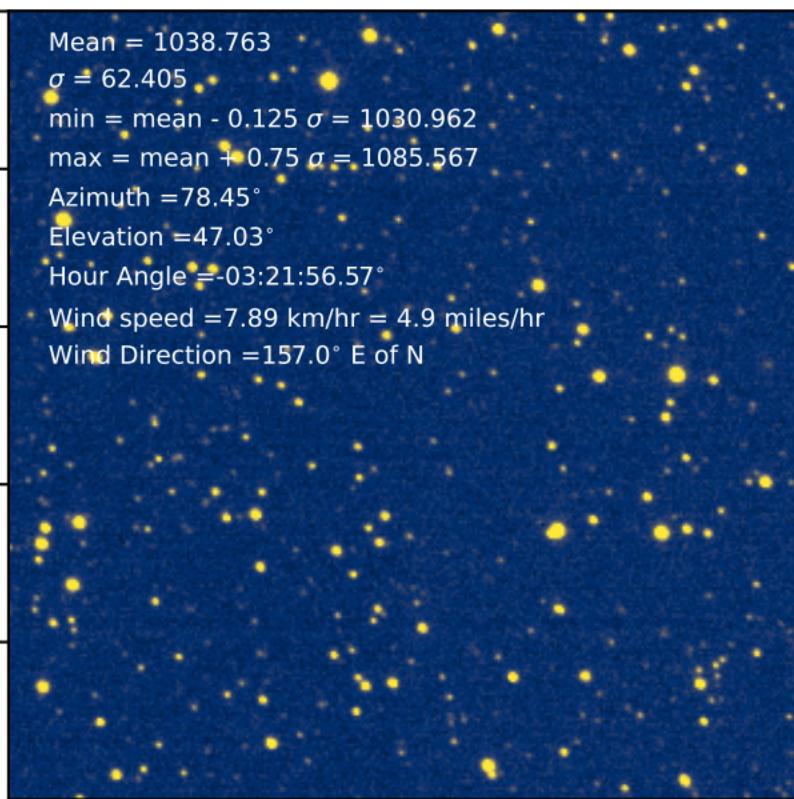
0

200

400

600

800



0

Mean = 1034.927

σ = 61.878

min = mean - 0.125 σ = 1027.192

max = mean + 0.75 σ = 1081.335

Azimuth = 78.52°

Elevation = 47.19°

Hour Angle = -03:21:10.44°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

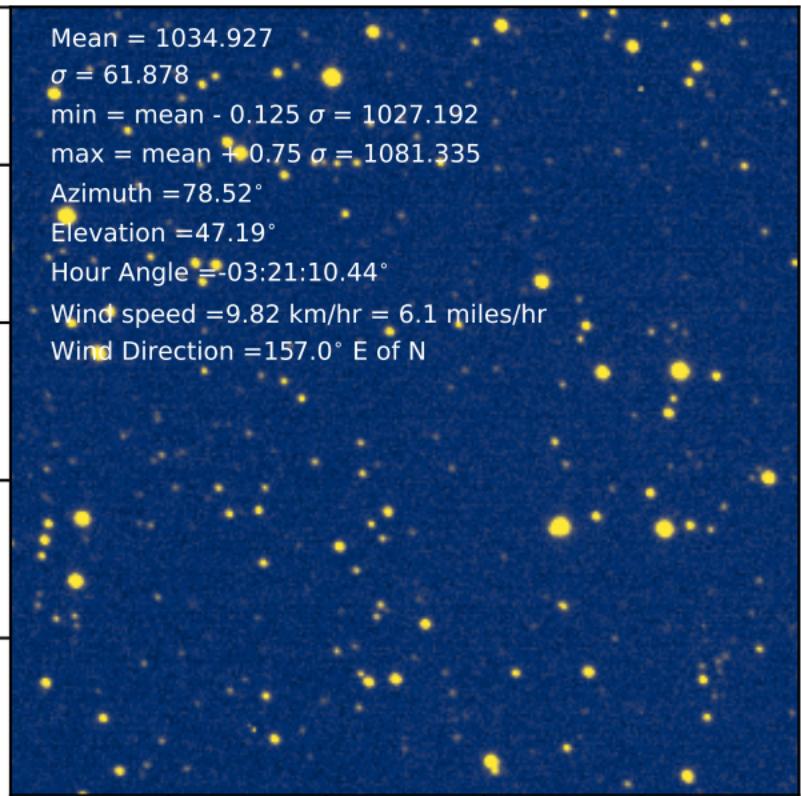
0

200

400

600

800



0

Mean = 1038.471

σ = 62.180

min = mean - 0.125 σ = 1030.698

max = mean + 0.75 σ = 1085.105

Azimuth = 78.59°

Elevation = 47.37°

Hour Angle = -03:20:18.30°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

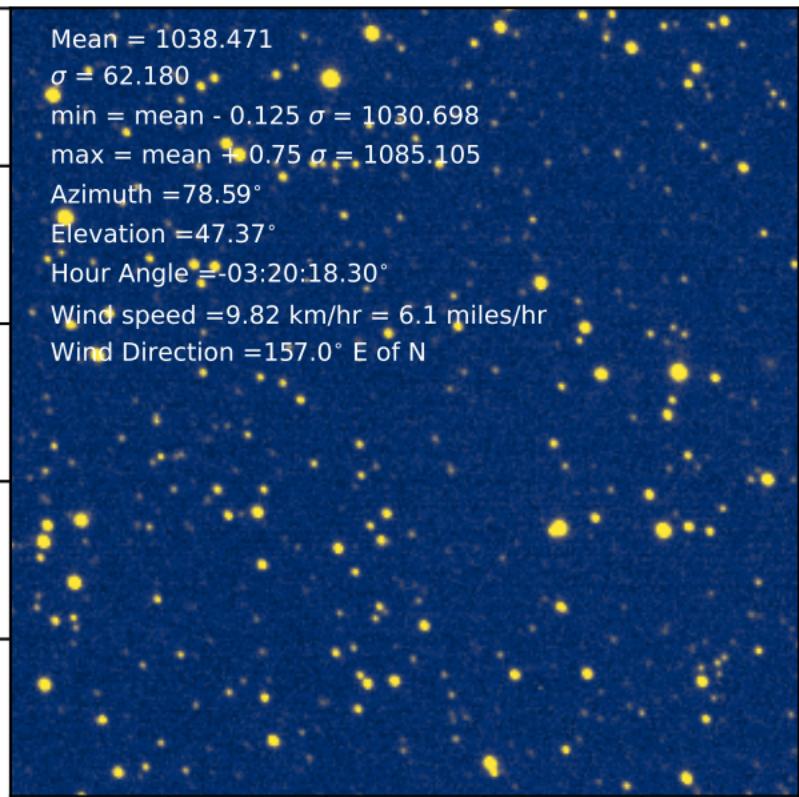
0

200

400

600

800



0

Mean = 1038.549

σ = 62.419

min = mean - 0.125 σ = 1030.746

max = mean + 0.75 σ = 1085.363

Azimuth = 78.66°

Elevation = 47.52°

Hour Angle = -03:19:34.18°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

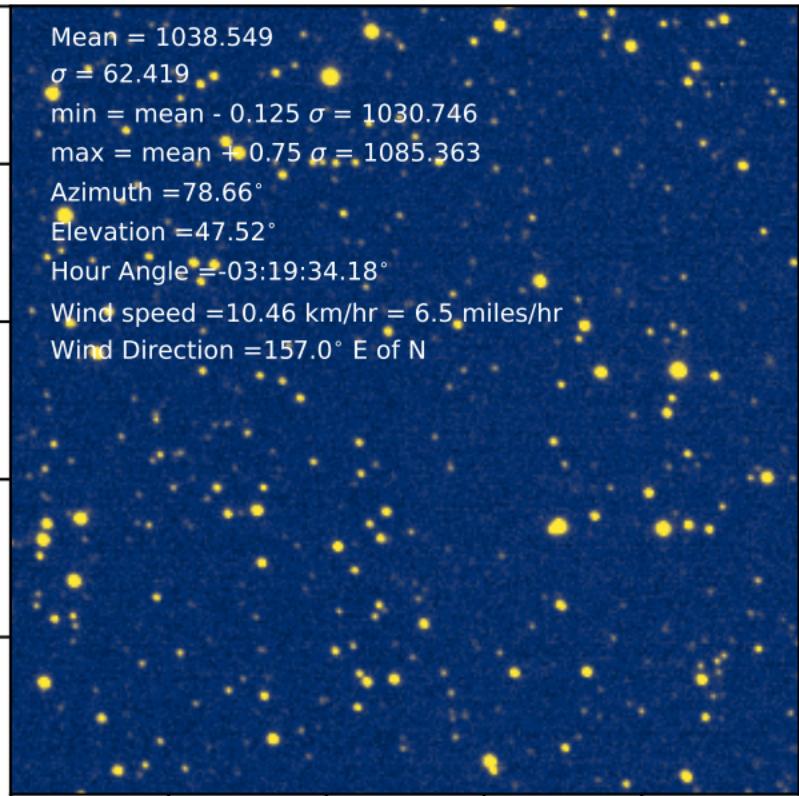
0

200

400

600

800



0

Mean = 1034.621

σ = 61.764

min = mean - 0.125 σ = 1026.901

max = mean + 0.75 σ = 1080.945

200

Azimuth = 78.72°

Elevation = 47.68°

Hour Angle = -03:18:48.05°

400

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 157.0° E of N

600

800

0

200

400

600

800

0

Mean = 1038.812

σ = 62.300

min = mean - 0.125 σ = 1031.024

max = mean + 0.75 σ = 1085.537

Azimuth = 78.8°

Elevation = 47.86°

Hour Angle = -03:17:55.91°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

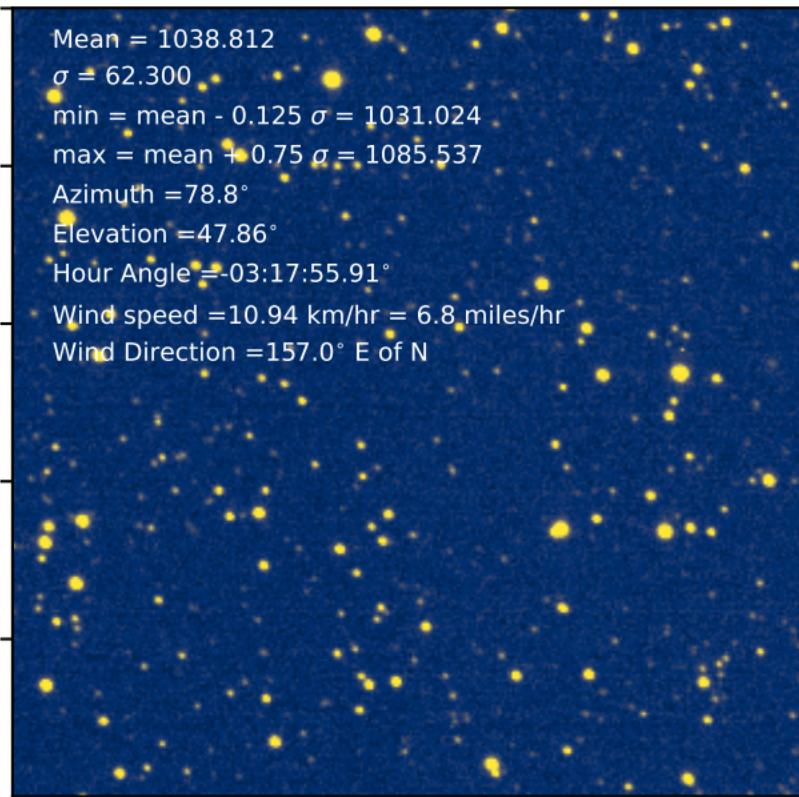
0

200

400

600

800



0

Mean = 1041.918

σ = 72.477

min = mean - 0.125 σ = 1032.858

max = mean + 0.75 σ = 1096.276

Azimuth = 78.87°

Elevation = 48.03°

Hour Angle = -03:17:08.78°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

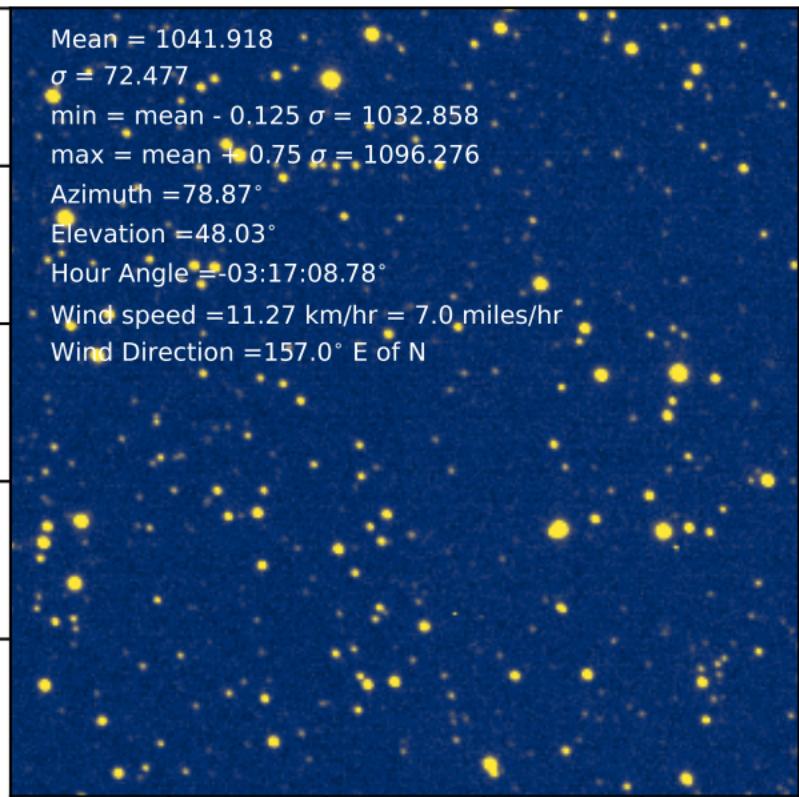
0

200

400

600

800



0

Mean = 1034.429

σ = 61.665

min = mean - 0.125 σ = 1026.721

max = mean + 0.75 σ = 1080.678

Azimuth = 78.94°

Elevation = 48.21°

Hour Angle = -03:16:15.64°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

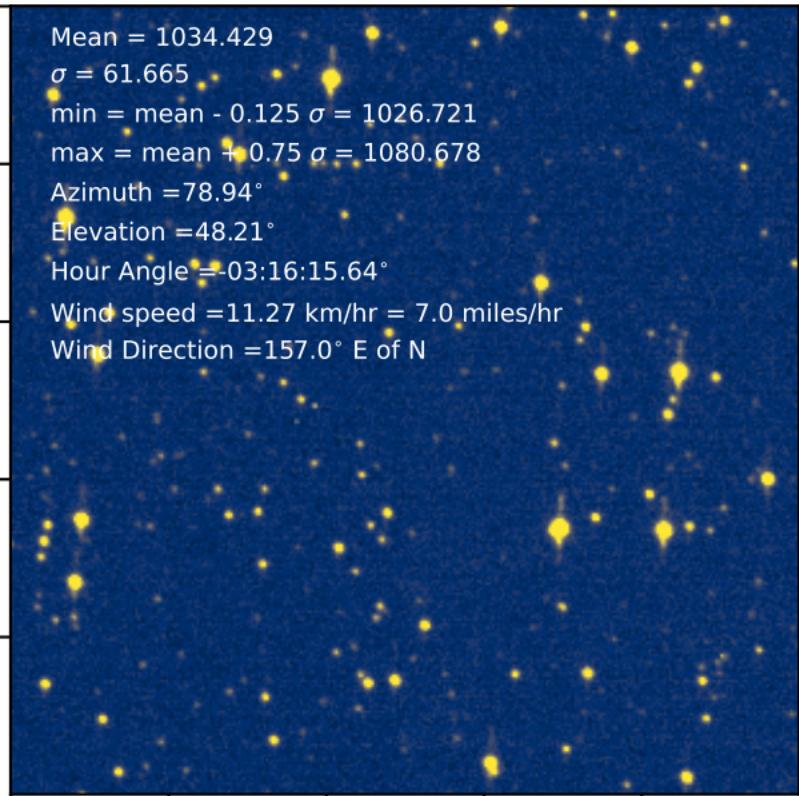
0

200

400

600

800



0

Mean = 1038.762

σ = 62.441

min = mean - 0.125 σ = 1030.957

max = mean + 0.75 σ = 1085.592

Azimuth = 79.02°

Elevation = 48.39°

Hour Angle = -03:15:23.49°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

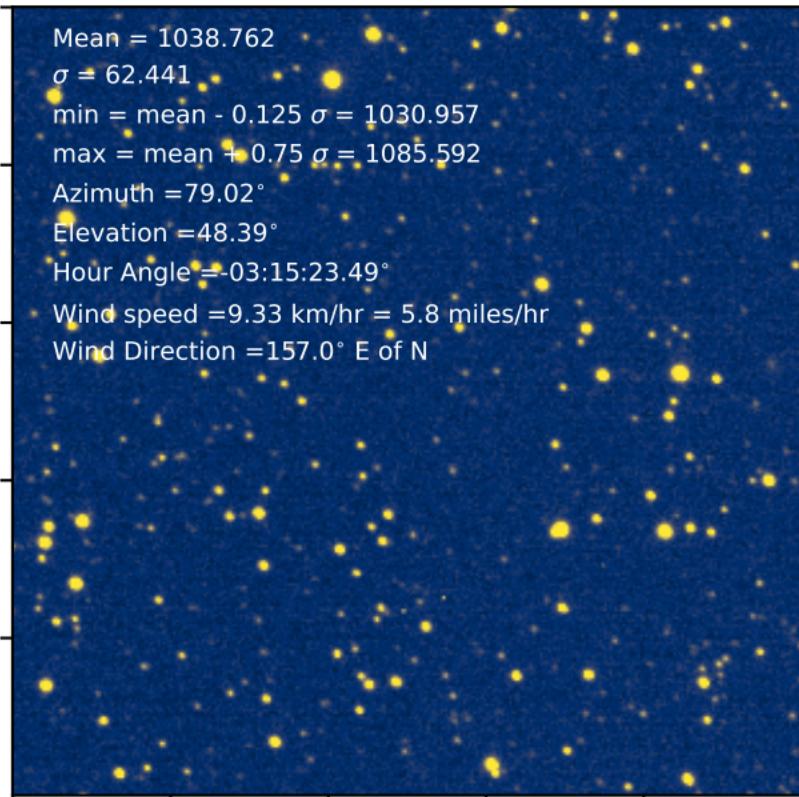
0

200

400

600

800



0

Mean = 1041.595

σ = 72.512

min = mean - 0.125 σ = 1032.531

max = mean + 0.75 σ = 1095.979

Azimuth = 79.08°

Elevation = 48.56°

Hour Angle = -03:14:36.37°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

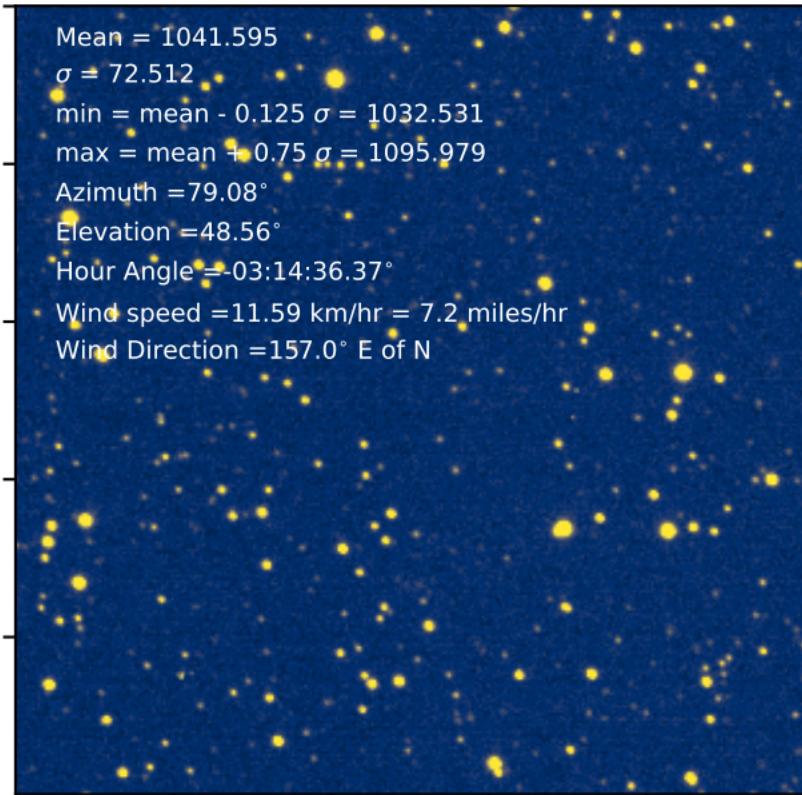
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1033.838

σ = 61.770

min = mean - 0.125 σ = 1026.117

max = mean + 0.75 σ = 1080.166

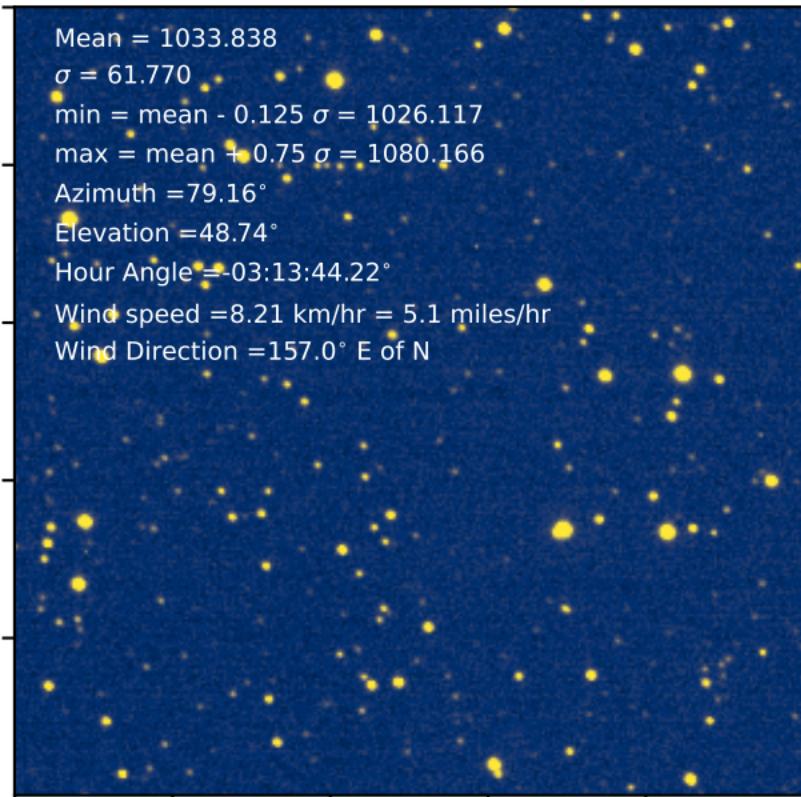
Azimuth = 79.16°

Elevation = 48.74°

Hour Angle = -03:13:44.22°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N



0

Mean = 1038.218

σ = 62.591

min = mean - 0.125 σ = 1030.394

max = mean + 0.75 σ = 1085.161

Azimuth = 79.23°

Elevation = 48.92°

Hour Angle = -03:12:52.08°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

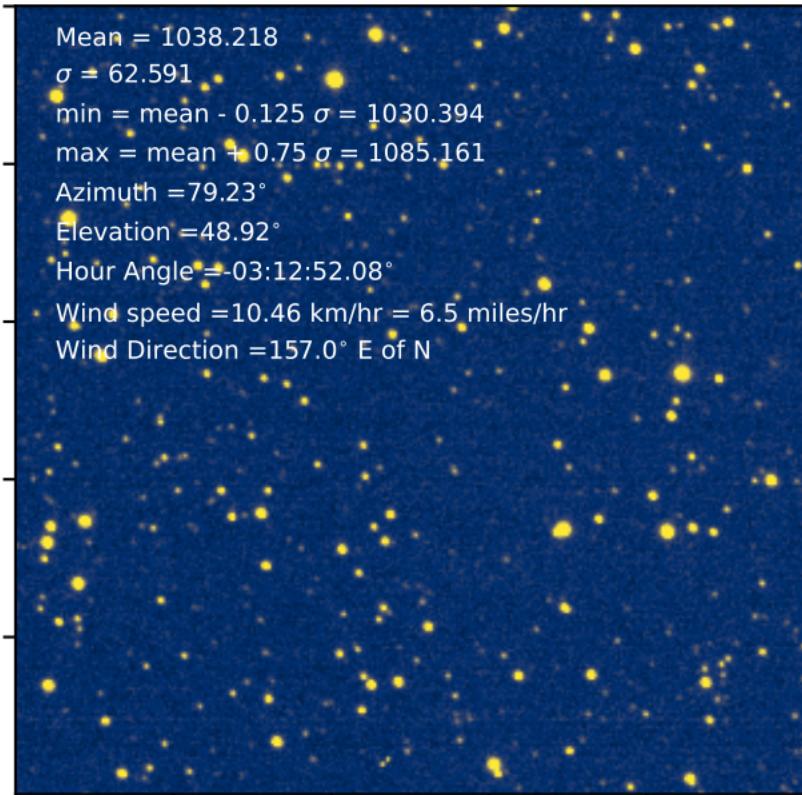
0

200

400

600

800



0

Mean = 1033.734

σ = 61.974

min = mean - 0.125 σ = 1025.987

max = mean + 0.75 σ = 1080.214

Azimuth = 79.3°

Elevation = 49.08°

Hour Angle = -03:12:05.95°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

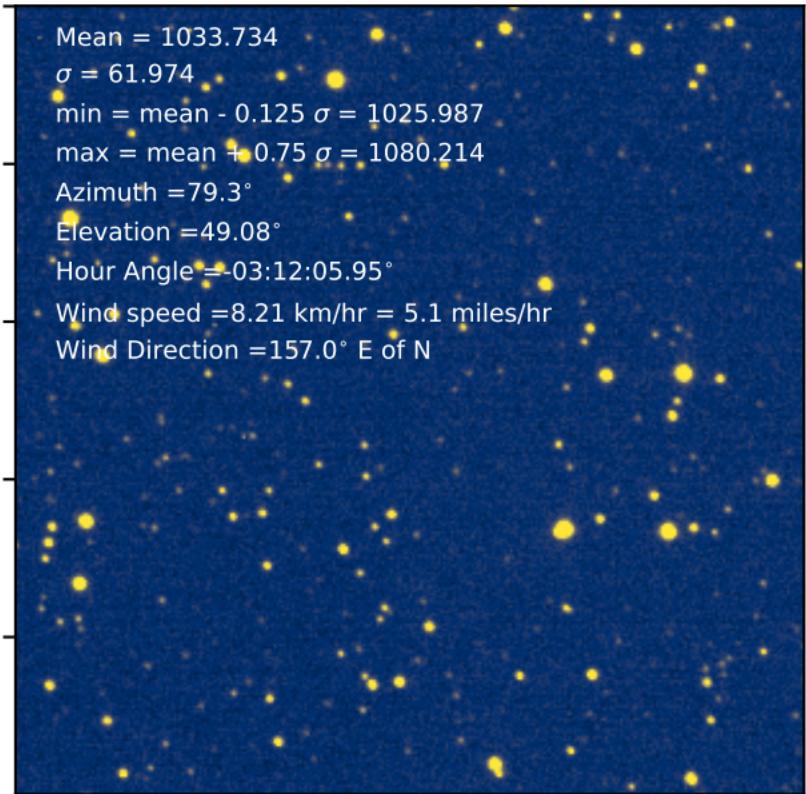
0

200

400

600

800



0

Mean = 1038.525

σ = 62.534

min = mean - 0.125 σ = 1030.708

max = mean + 0.75 σ = 1085.425

Azimuth = 79.37°

Elevation = 49.26°

Hour Angle = -03:11:13.81°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1041.221

σ = 72.596

min = mean - 0.125 σ = 1032.147

max = mean + 0.75 σ = 1095.668

Azimuth = 79.44°

Elevation = 49.42°

Hour Angle = -03:10:27.69°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

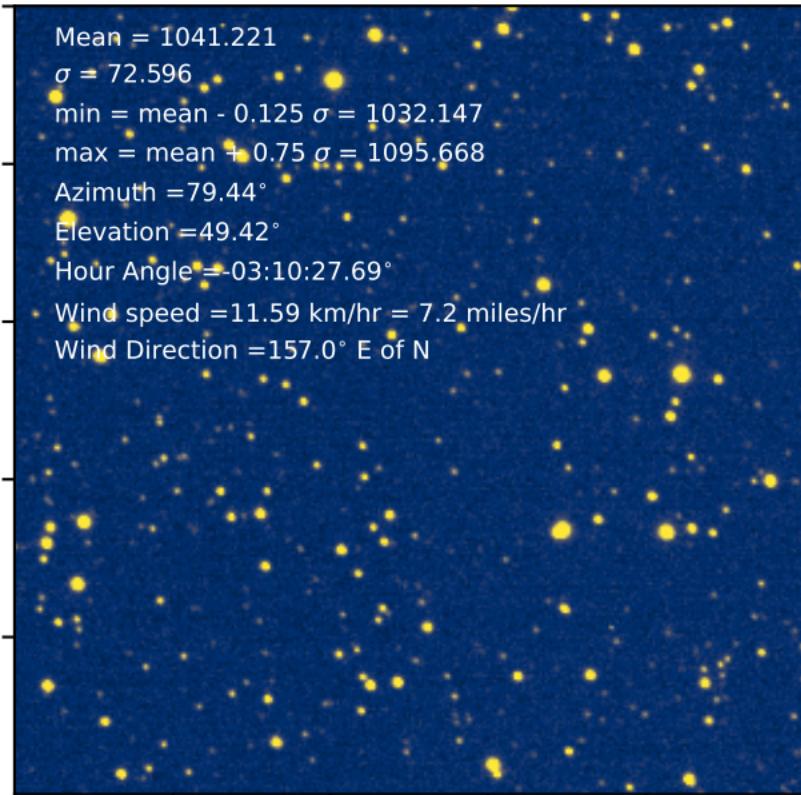
0

200

400

600

800



0

Mean = 1033.327

σ = 61.858

min = mean - 0.125 σ = 1025.595

max = mean + 0.75 σ = 1079.72

Azimuth = 79.51°

Elevation = 49.61°

Hour Angle = -03:09:34.54°

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

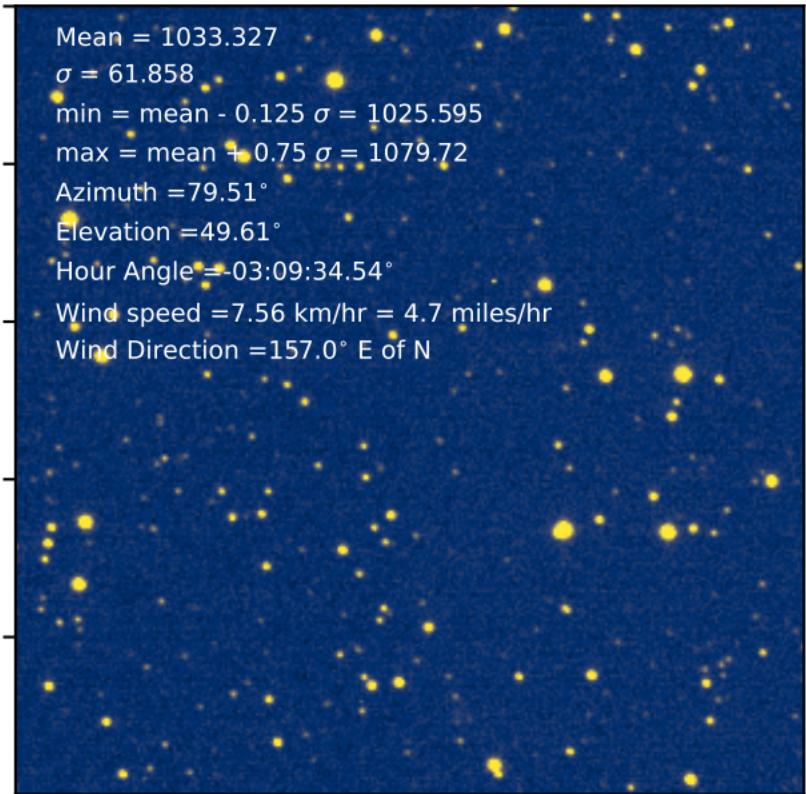
0

200

400

600

800



0

Mean = 1038.329

σ = 62.507

min = mean - 0.125 σ = 1030.516

max = mean + 0.75 σ = 1085.209

Azimuth = 79.59°

Elevation = 49.79°

Hour Angle = -03:08:42.40°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1041.119

σ = 72.934

min = mean - 0.125 σ = 1032.002

max = mean + 0.75 σ = 1095.819

Azimuth = 79.66°

Elevation = 49.96°

Hour Angle = -03:07:55.27°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

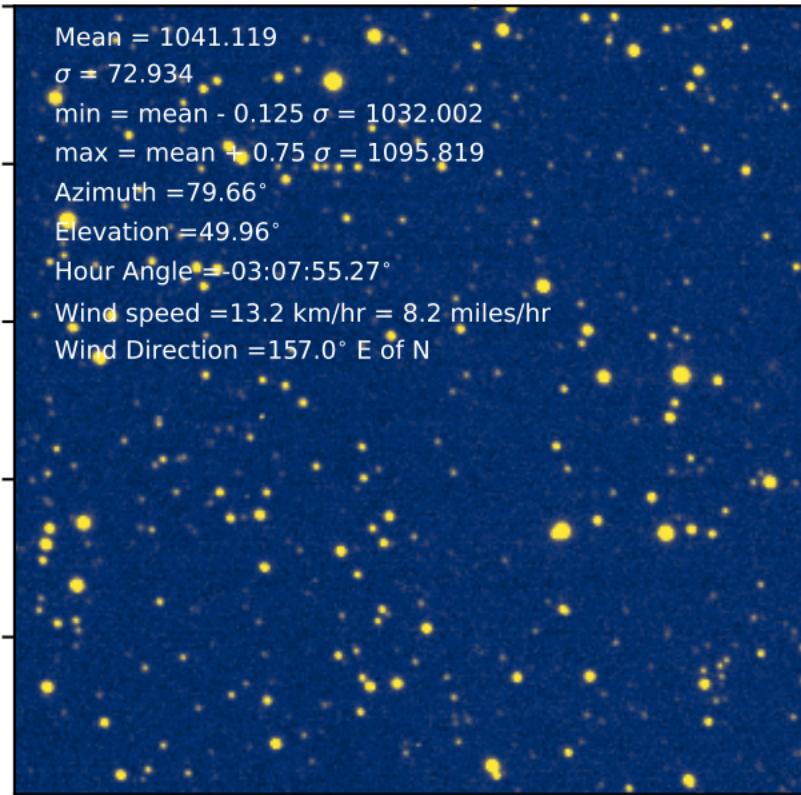
0

200

400

600

800



0

Mean = 1033.159

σ = 62.235

min = mean - 0.125 σ = 1025.379

max = mean + 0.75 σ = 1079.835

Azimuth = 79.73°

Elevation = 50.14°

Hour Angle = -03:07:03.13°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

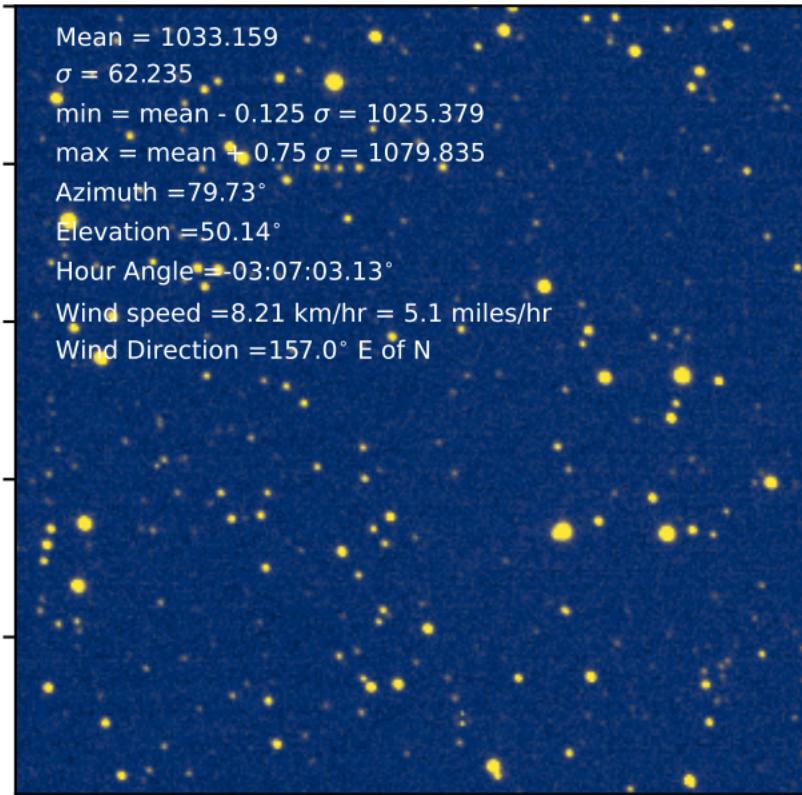
0

200

400

600

800



0

Mean = 1037.904

σ = 62.828

min = mean - 0.125 σ = 1030.051

max = mean + 0.75 σ = 1085.026

Azimuth = 79.8°

Elevation = 50.32°

Hour Angle = -03:06:10.99°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

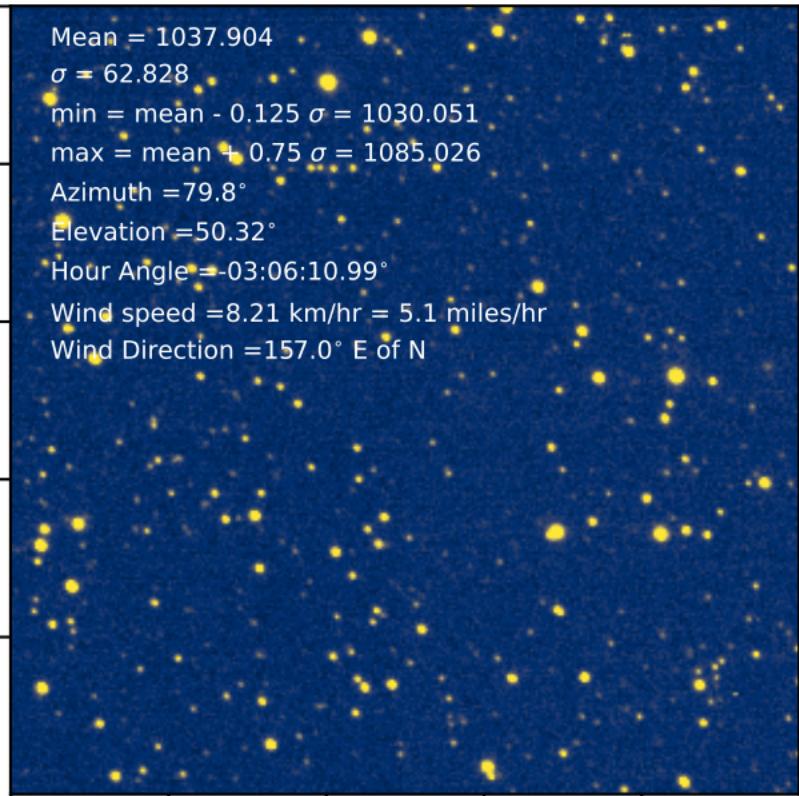
0

200

400

600

800



0

Mean = 1032.792

σ = 62.140

min = mean - 0.125 σ = 1025.025

max = mean + 0.75 σ = 1079.398

Azimuth = 79.87°

Elevation = 50.48°

Hour Angle = -03:05:24.86°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

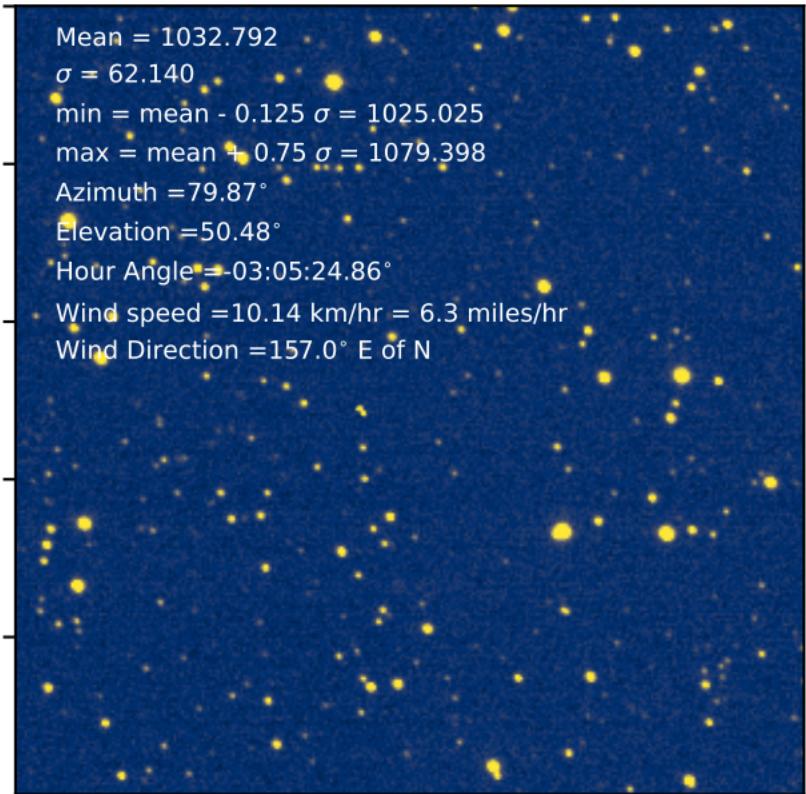
0

200

400

600

800



0

Mean = 1037.985

σ = 62.718

min = mean - 0.125 σ = 1030.145

max = mean + 0.75 σ = 1085.024

Azimuth = 79.95°

Elevation = 50.66°

Hour Angle = -03:04:32.72°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

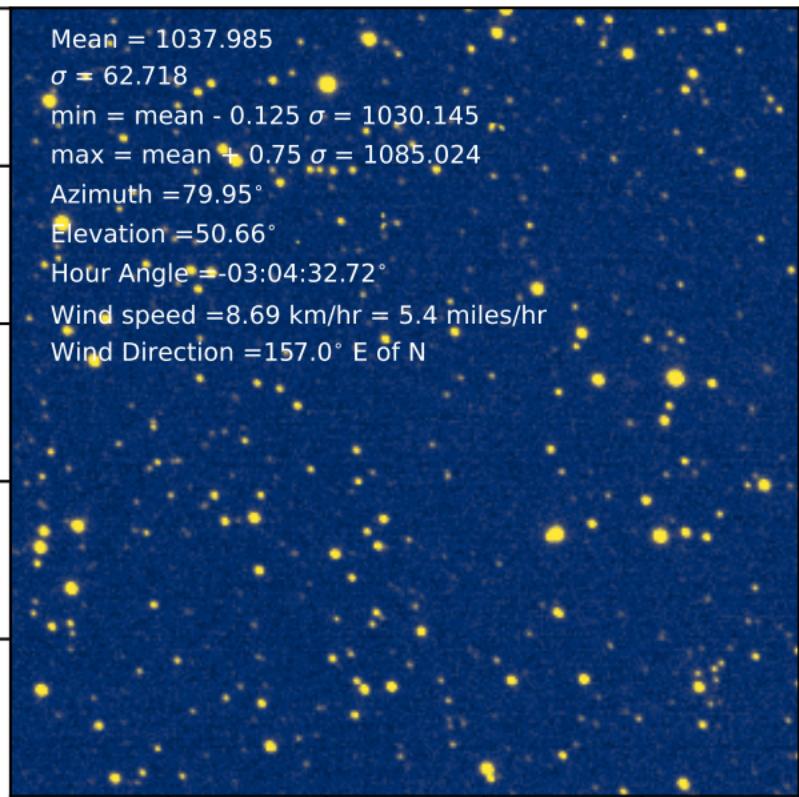
0

200

400

600

800



0

Mean = 1040.512

σ = 72.952

min = mean - 0.125 σ = 1031.393

max = mean + 0.75 σ = 1095.226

Azimuth = 80.01°

Elevation = 50.83°

Hour Angle = -03:03:45.59°

200

400

600

800

0

200

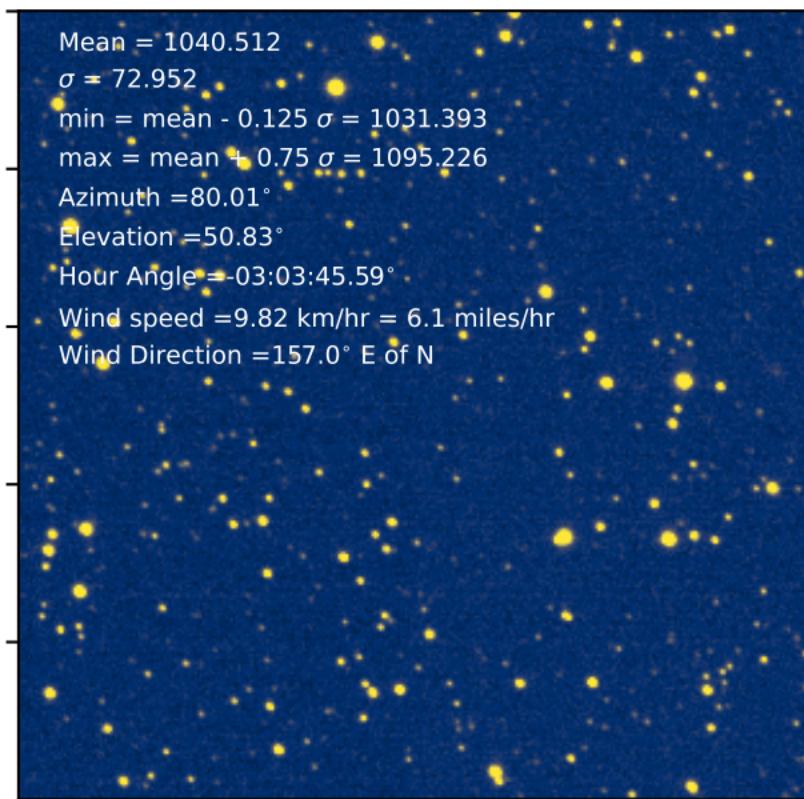
400

600

800

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N



0

Mean = 1032.588

σ = 62.420

min = mean - 0.125 σ = 1024.786

max = mean + 0.75 σ = 1079.404

Azimuth = 80.09°

Elevation = 51.01°

Hour Angle = -03:02:52.44°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

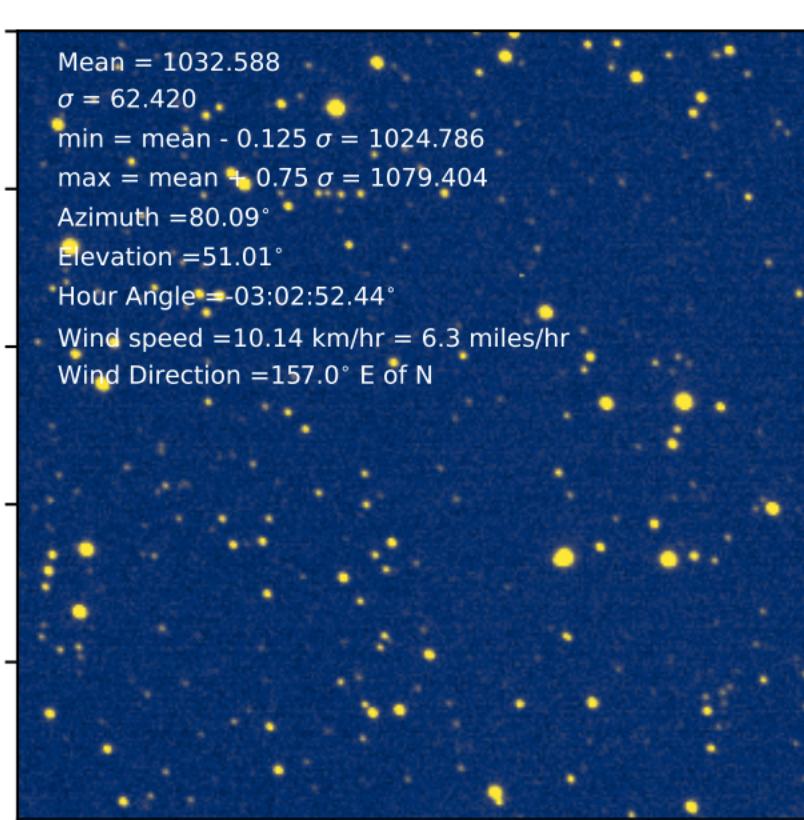
0

200

400

600

800



0

Mean = 1036.921

σ = 62.342

min = mean - 0.125 σ = 1029.128

max = mean + 0.75 σ = 1083.677

Azimuth = 80.16°

Elevation = 51.19°

Hour Angle = -03:02:00.30°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

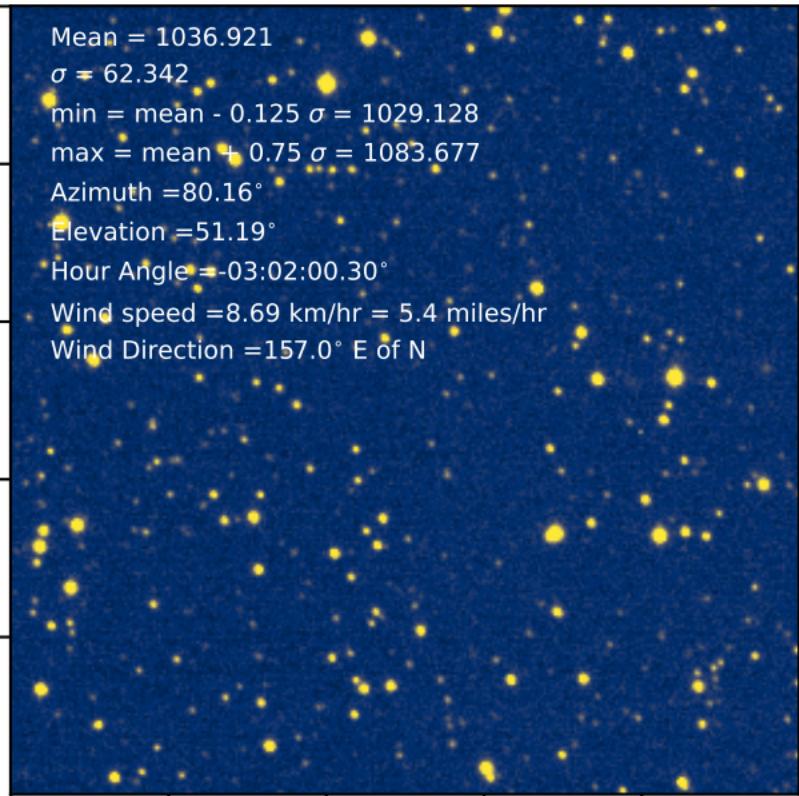
0

200

400

600

800



0

Mean = 1039.947

σ = 72.763

min = mean - 0.125 σ = 1030.852

max = mean + 0.75 σ = 1094.519

Azimuth = 80.23°

Elevation = 51.36°

Hour Angle = -03:01:13.17°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

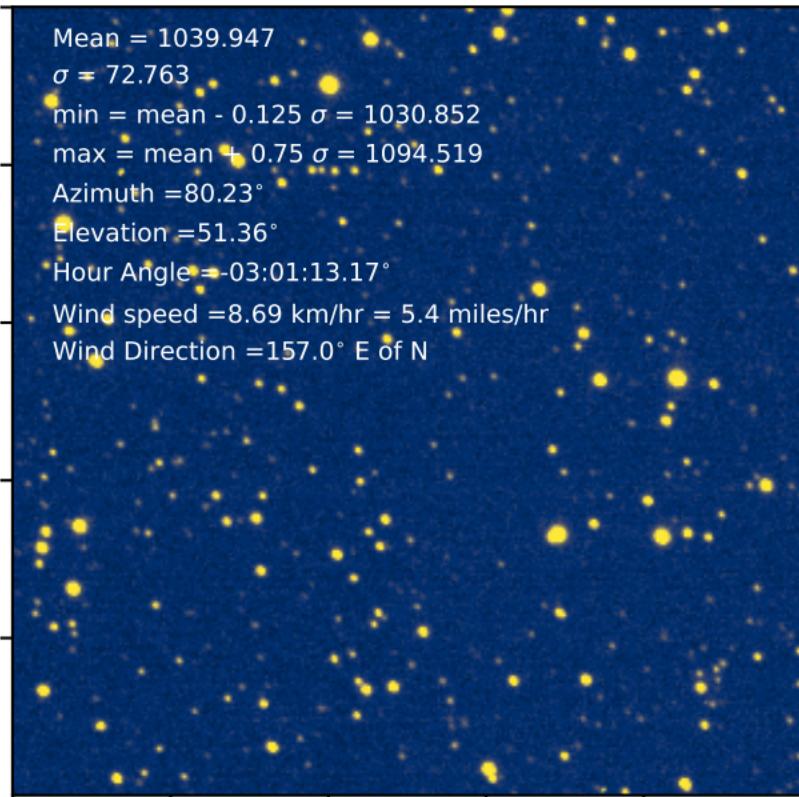
0

200

400

600

800



0

Mean = 1032.273

σ = 62.335

min = mean - 0.125 σ = 1024.481

max = mean + 0.75 σ = 1079.024

Azimuth = 80.31°

Elevation = 51.54°

Hour Angle = -03:00:20.03°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

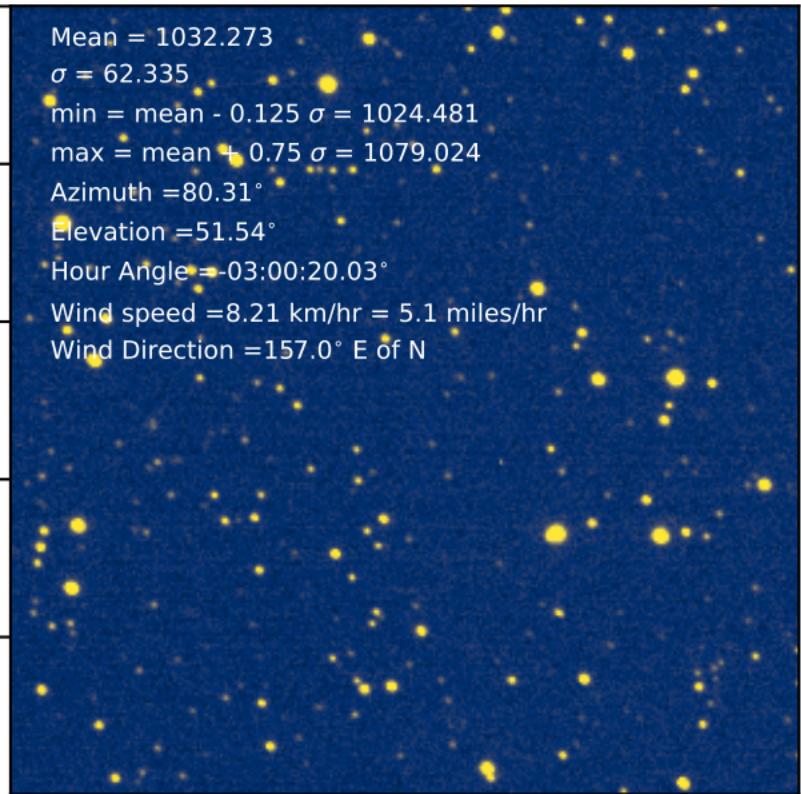
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1037.071

σ = 62.259

min = mean - 0.125 σ = 1029.288

max = mean + 0.75 σ = 1083.765

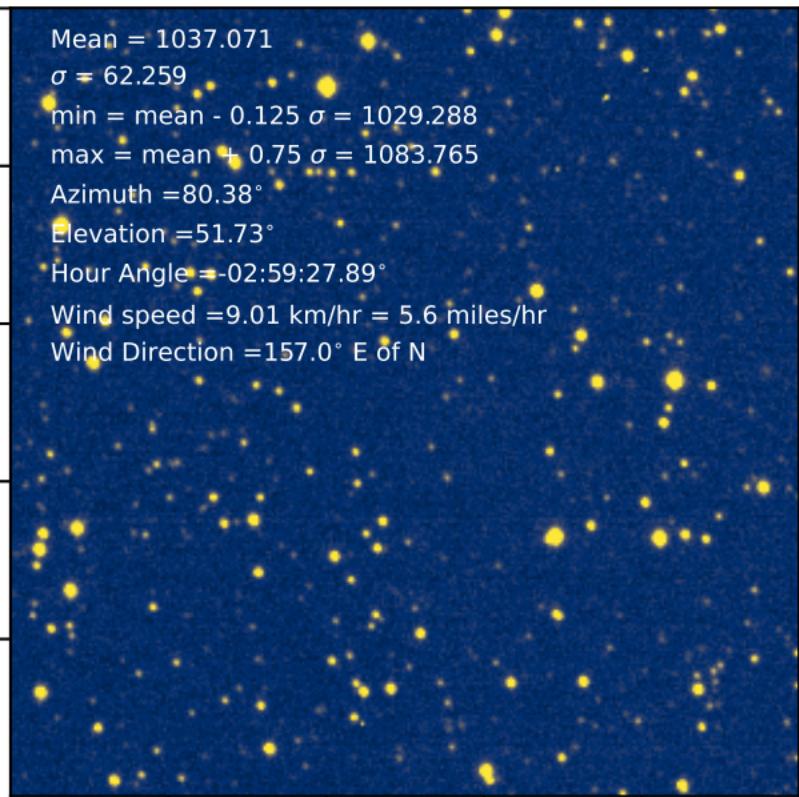
Azimuth = 80.38°

Elevation = 51.73°

Hour Angle = -02:59:27.89°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 157.0° E of N



0

Mean = 1032.297

σ = 61.288

min = mean - 0.125 σ = 1024.636

max = mean + 0.75 σ = 1078.263

Azimuth = 80.45°

Elevation = 51.89°

Hour Angle = -02:58:41.76°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

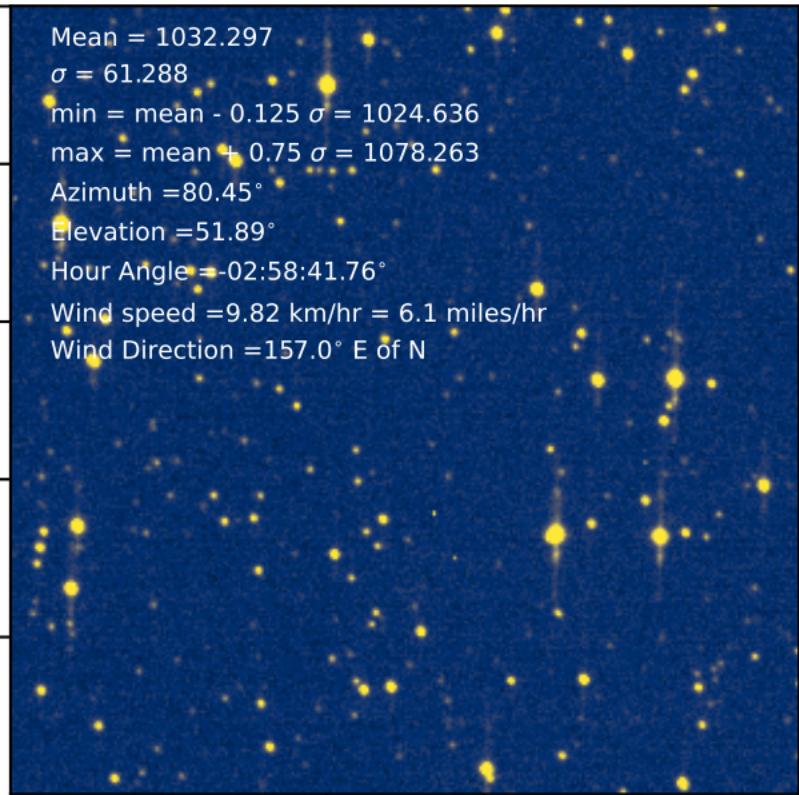
0

200

400

600

800



0

Mean = 1036.885

σ = 62.509

min = mean - 0.125 σ = 1029.072

max = mean + 0.75 σ = 1083.767

Azimuth = 80.52°

Elevation = 52.07°

Hour Angle = -02:57:50.62°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

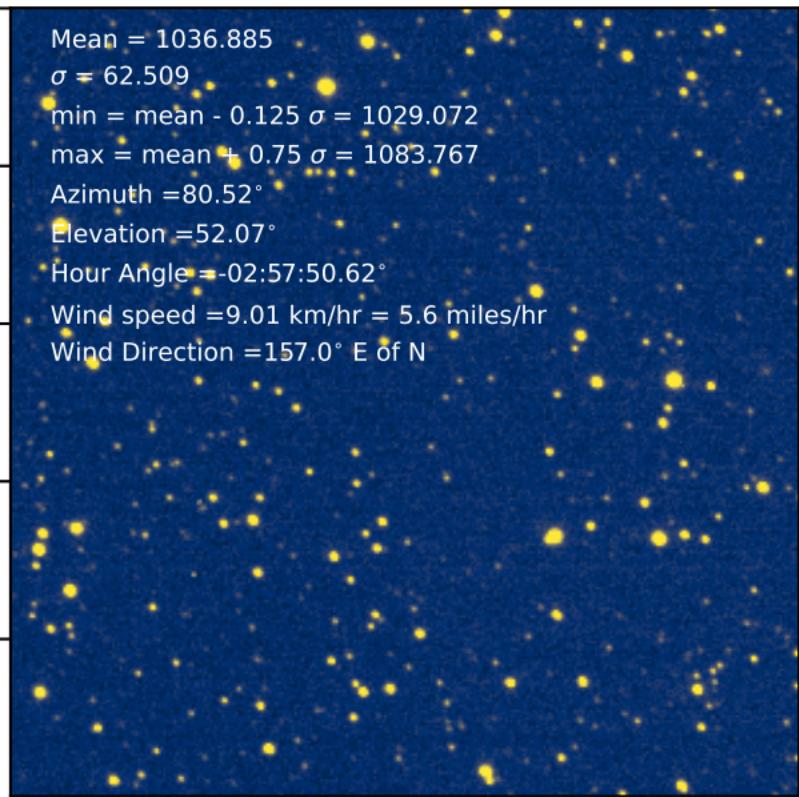
0

200

400

600

800



0

Mean = 1039.868

σ = 70.679

min = mean - 0.125 σ = 1031.034

max = mean + 0.75 σ = 1092.877

Azimuth = 80.59°

Elevation = 52.23°

Hour Angle = -02:57:03.49°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

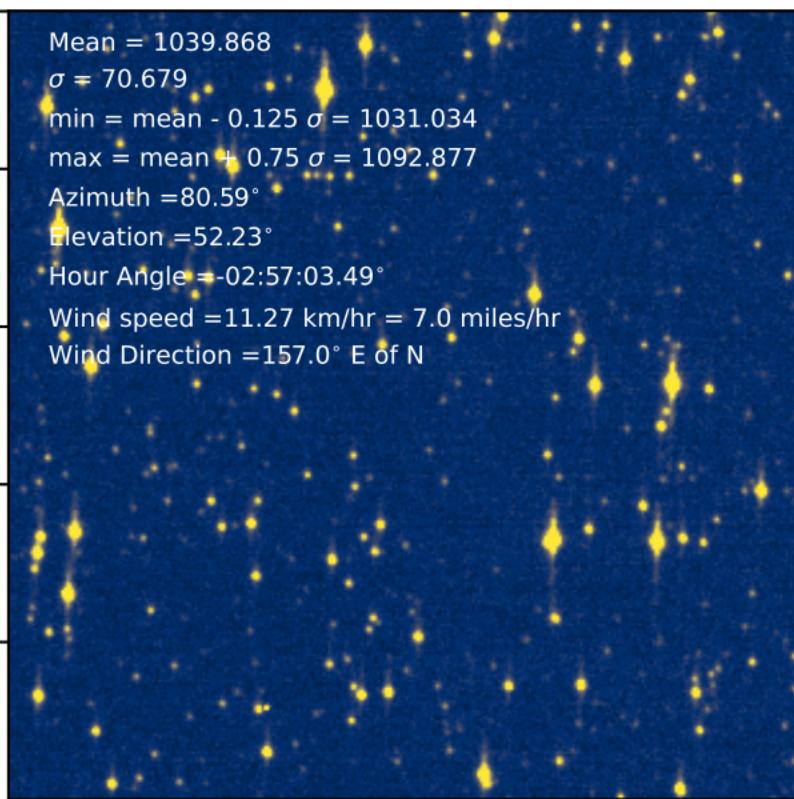
0

200

400

600

800



0

Mean = 1031.697

σ = 62.601

min = mean - 0.125 σ = 1023.872

max = mean + 0.75 σ = 1078.648

Azimuth = 80.67°

Elevation = 52.42°

Hour Angle = -02:56:10.35°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

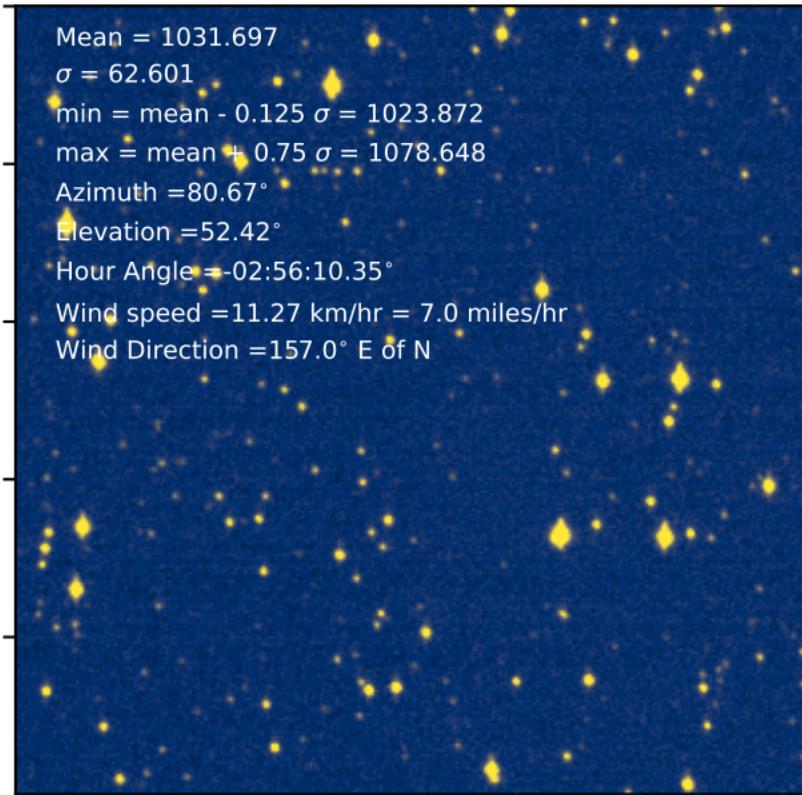
0

200

400

600

800



0

Mean = 1036.359

σ = 62.178

min = mean - 0.125 σ = 1028.586

200

max = mean + 0.75 σ = 1082.992

Azimuth = 80.74°

Elevation = 52.6°

Hour Angle = -02:55:18.20°

400

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 157.0° E of N

600

800

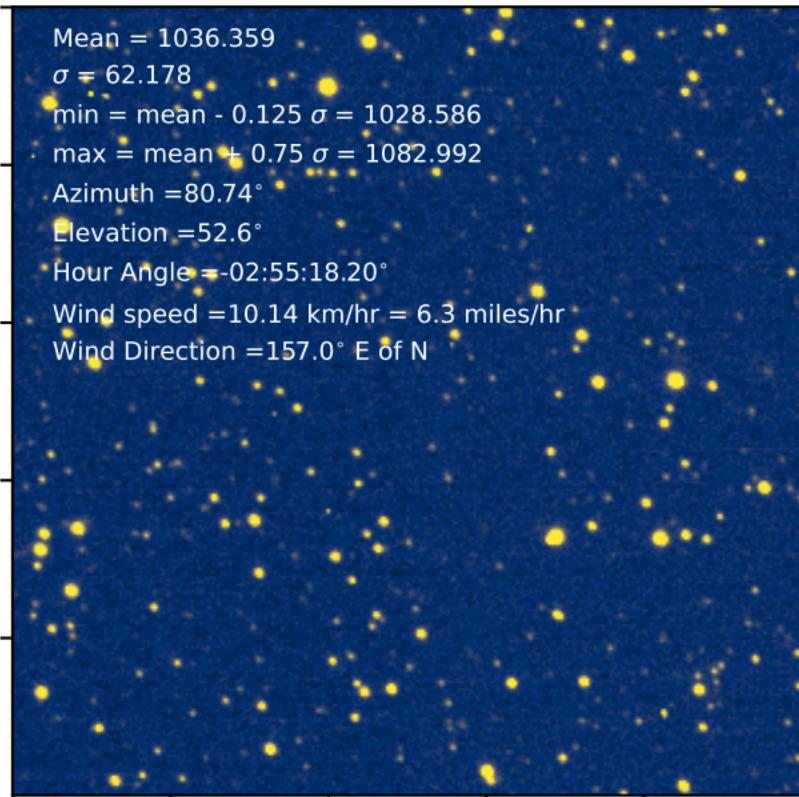
0

200

400

600

800



0

Mean = 1039.084

σ = 72.526

min = mean - 0.125 σ = 1030.018

max = mean + 0.75 σ = 1093.479

Azimuth = 80.81°

Elevation = 52.76°

Hour Angle = -02:54:31.07°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

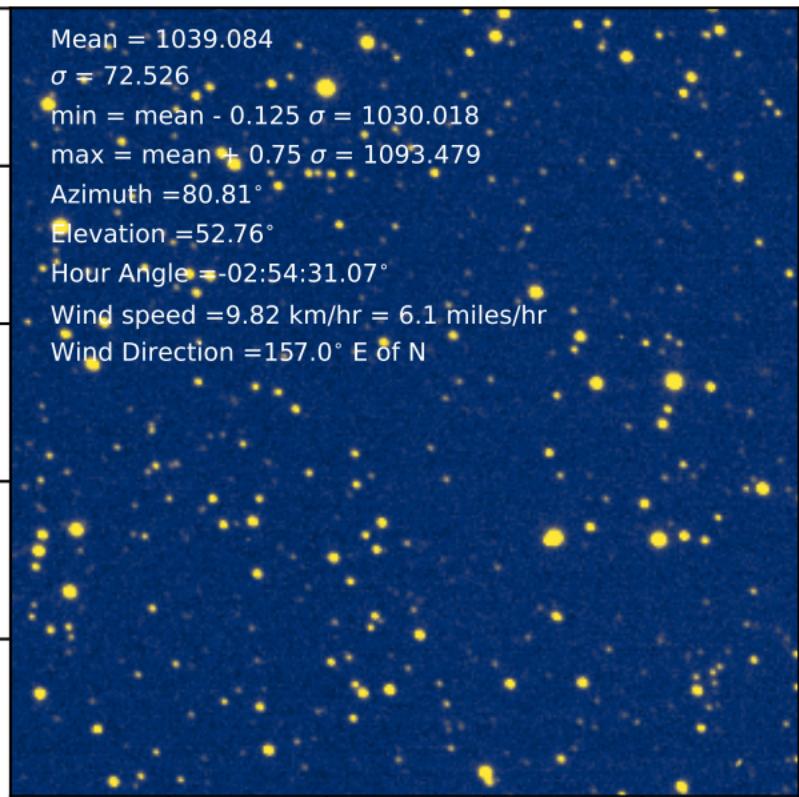
0

200

400

600

800



0

Mean = 1031.277

σ = 62.067

min = mean - 0.125 σ = 1023.519

max = mean + 0.75 σ = 1077.827

Azimuth = 80.89°

Elevation = 52.95°

Hour Angle = -02:53:37.93°

200

400

600

800

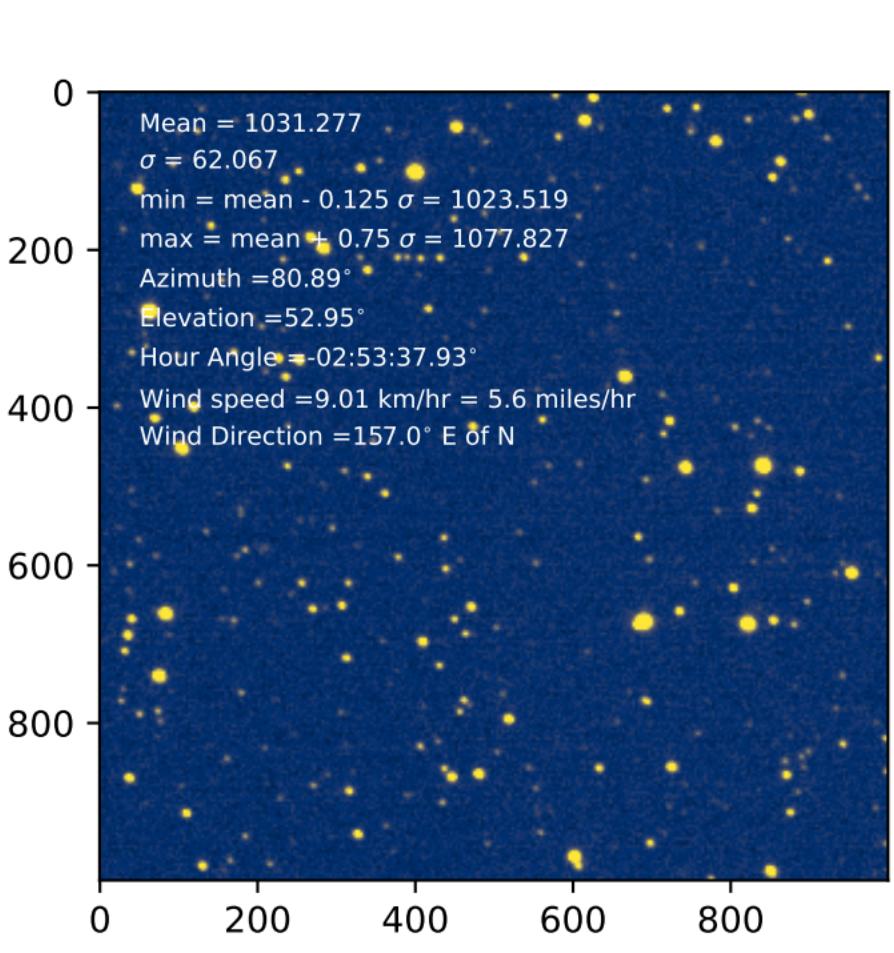
0

200

400

600

800



0

Mean = 1036.681

σ = 62.287

min = mean - 0.125 σ = 1028.895

max = mean + 0.75 σ = 1083.396

Azimuth = 80.96°

Elevation = 53.13°

Hour Angle = -02:52:45.79°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

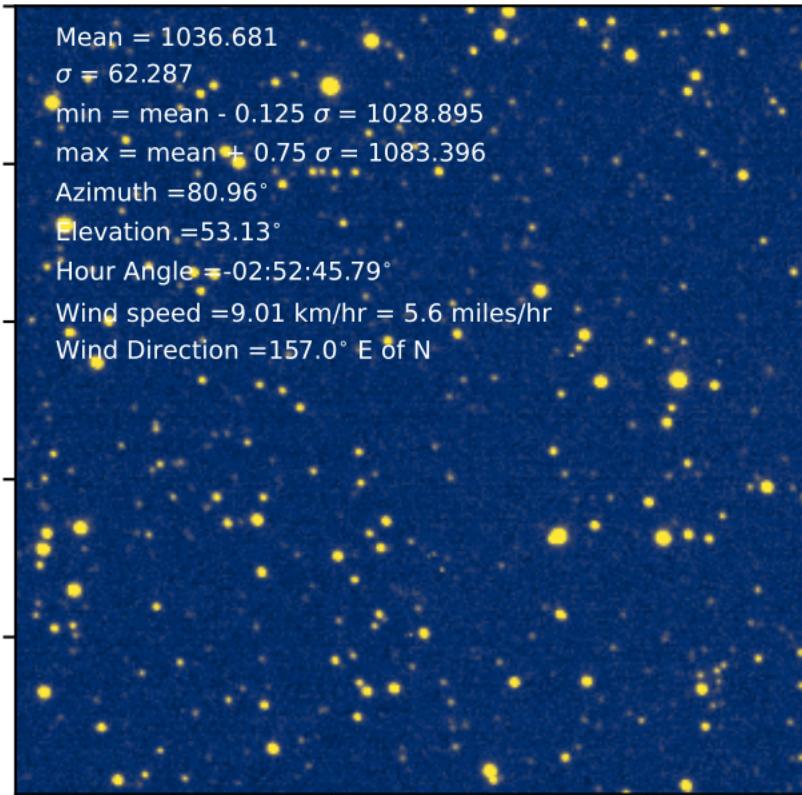
0

200

400

600

800



0

Mean = 1031.015

σ = 62.401

min = mean - 0.125 σ = 1023.215

max = mean + 0.75 σ = 1077.816

Azimuth = 81.03°

Elevation = 53.29°

Hour Angle = -02:51:59.66°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

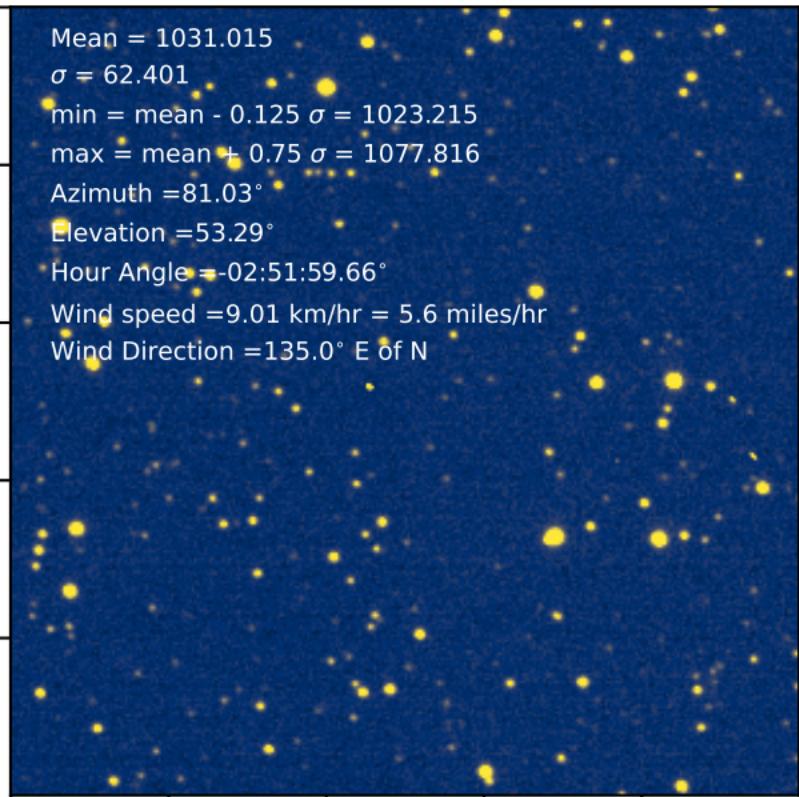
0

200

400

600

800



0

Mean = 1036.783

σ = 62.594

min = mean - 0.125 σ = 1028.959

max = mean + 0.75 σ = 1083.729

Azimuth = 81.1°

Elevation = 53.48°

Hour Angle = -02:51:07.52°

200

400

600

800

0

200

400

600

800

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

0

Mean = 1038.405

σ = 72.728

min = mean - 0.125 σ = 1029.314

max = mean + 0.75 σ = 1092.95

Azimuth = 81.42°

Elevation = 54.24°

Hour Angle = -02:47:28.92°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

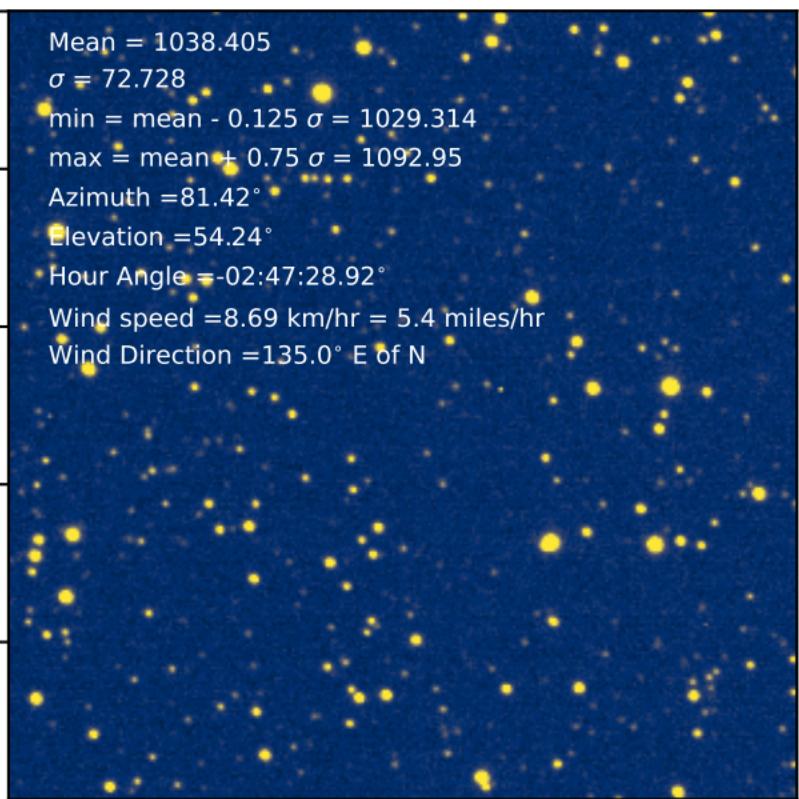
0

200

400

600

800



0

Mean = 1030.081

σ = 62.394

min = mean - 0.125 σ = 1022.282

max = mean + 0.75 σ = 1076.876

Azimuth = 81.5°

Elevation = 54.43°

Hour Angle = -02:46:35.78°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

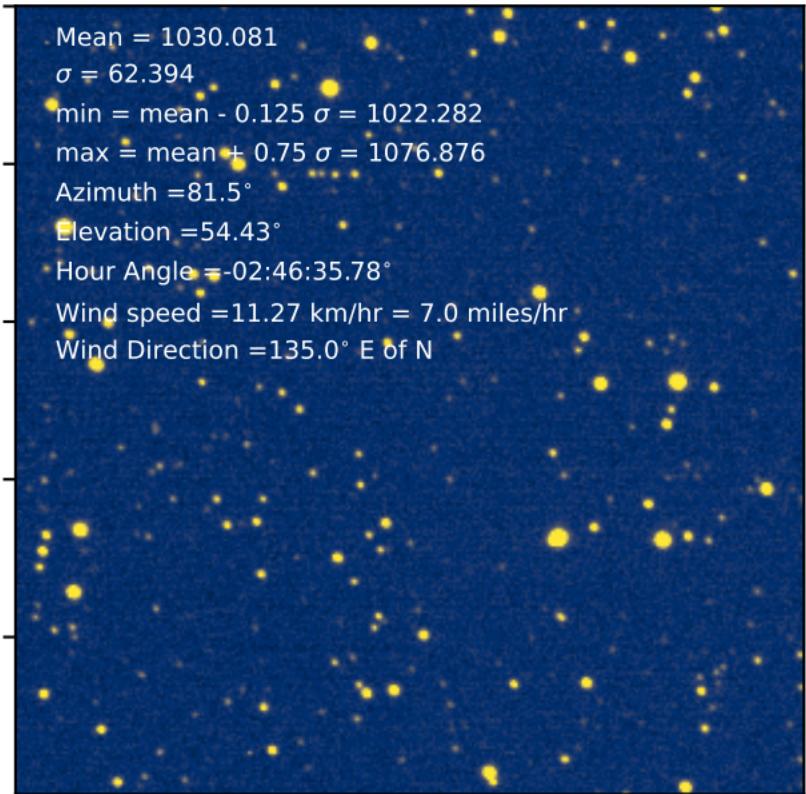
0

200

400

600

800



0

Mean = 1036.884

σ = 62.599

min = mean - 0.125 σ = 1029.059

max = mean + 0.75 σ = 1083.834

Azimuth = 81.57°

Elevation = 54.61°

Hour Angle = -02:45:44.64°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

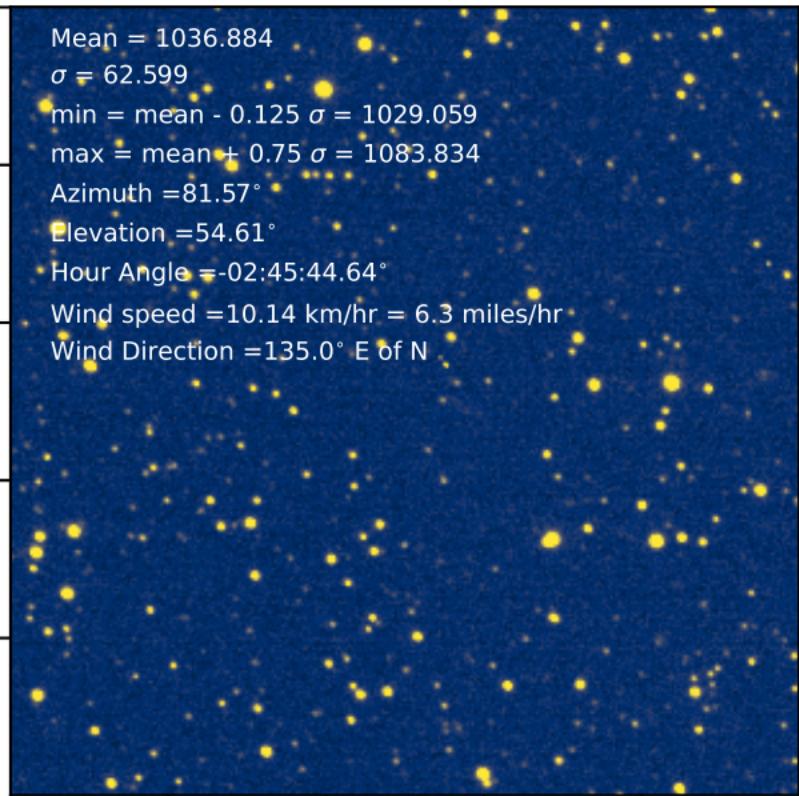
0

200

400

600

800



0

Mean = 1038.215

σ = 72.823

min = mean - 0.125 σ = 1029.112

max = mean + 0.75 σ = 1092.832

Azimuth = 81.64°

Elevation = 54.77°

Hour Angle = -02:44:57.51°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

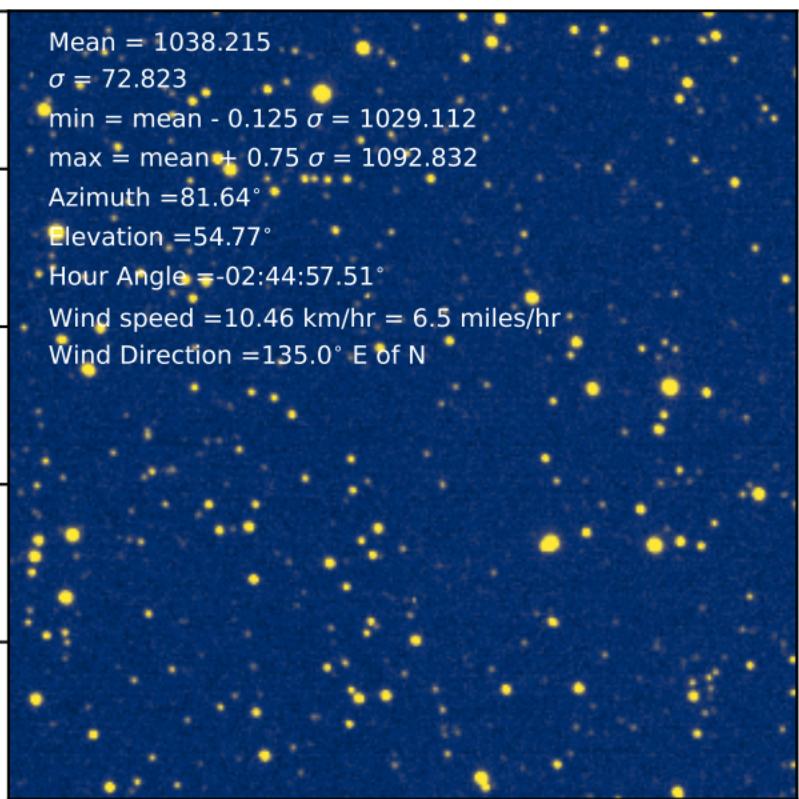
0

200

400

600

800



0

Mean = 1029.644

σ = 62.529

min = mean - 0.125 σ = 1021.828

max = mean + 0.75 σ = 1076.54

Azimuth = 81.72°

Elevation = 54.96°

Hour Angle = -02:44:04.36°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

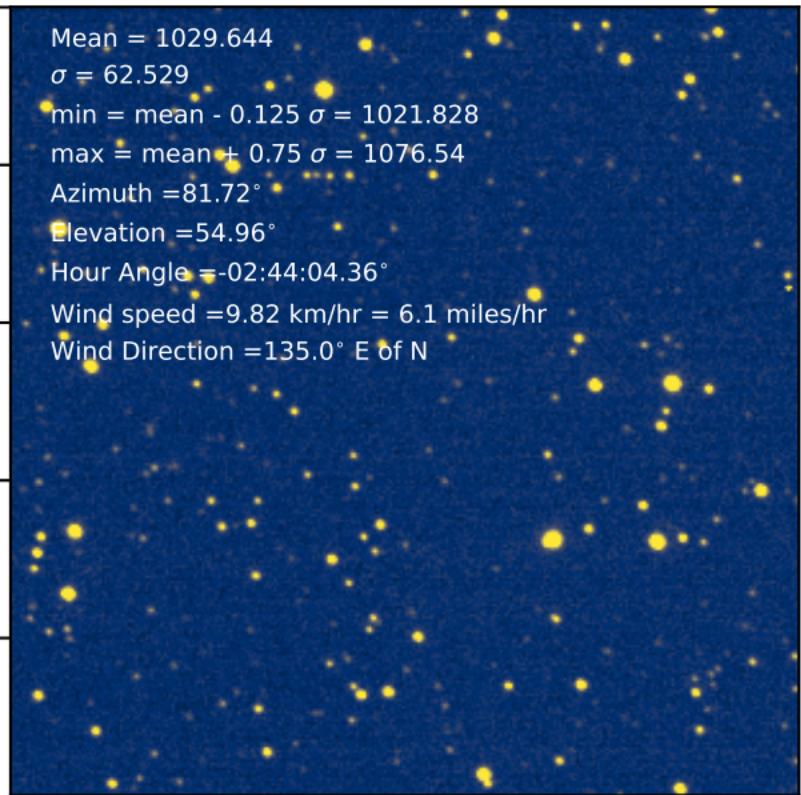
0

200

400

600

800



0

Mean = 1036.622

σ = 62.619

min = mean - 0.125 σ = 1028.795

max = mean + 0.75 σ = 1083.586

Azimuth = 81.79°

Elevation = 55.14°

Hour Angle = -02:43:12.22°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

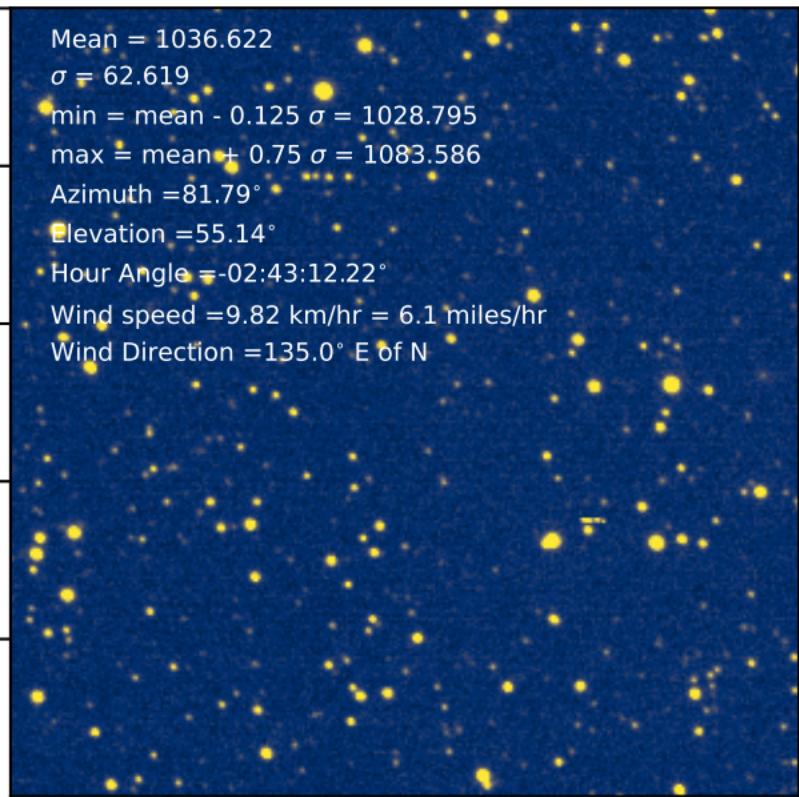
0

200

400

600

800



0

Mean = 1029.423

σ = 62.426

min = mean - 0.125 σ = 1021.62

max = mean + 0.75 σ = 1076.242

Azimuth = 81.86°

Elevation = 55.31°

Hour Angle = -02:42:26.10°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

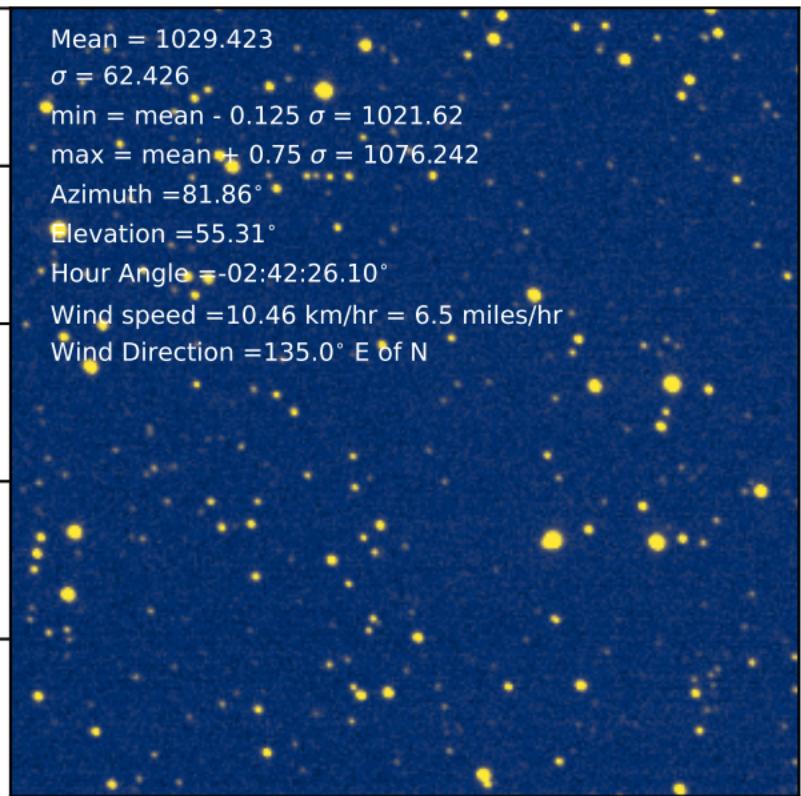
0

200

400

600

800



0

Mean = 1036.381

σ = 62.470

min = mean - 0.125 σ = 1028.572

max = mean + 0.75 σ = 1083.233

Azimuth = 81.94°

Elevation = 55.49°

Hour Angle = -02:41:33.95°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

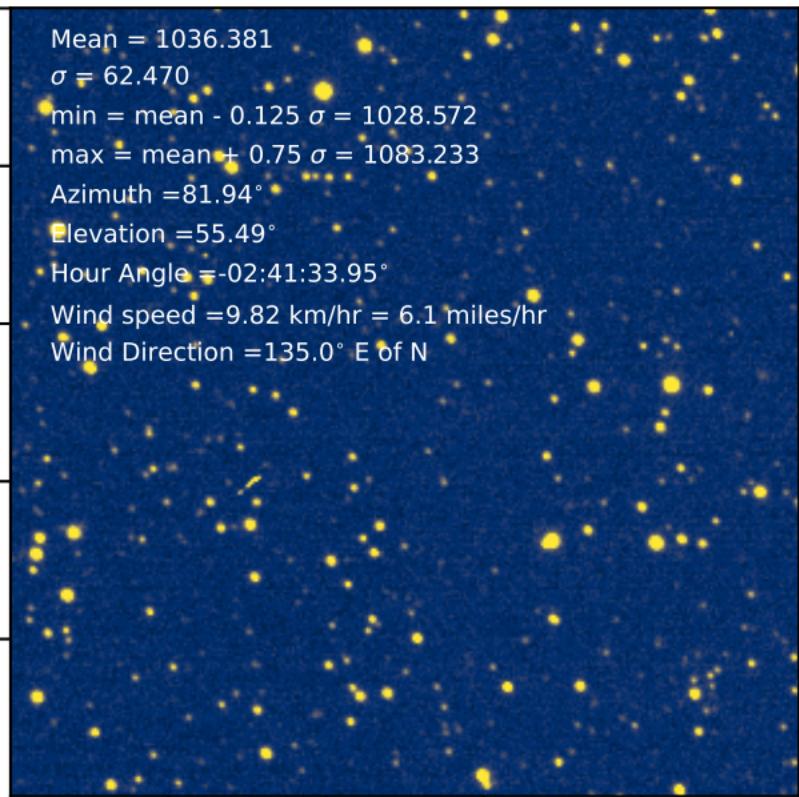
0

200

400

600

800



0

Mean = 1038.085

σ = 72.955

min = mean - 0.125 σ = 1028.966

max = mean + 0.75 σ = 1092.801

Azimuth = 82.01°

Elevation = 55.65°

Hour Angle = -02:40:46.82°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

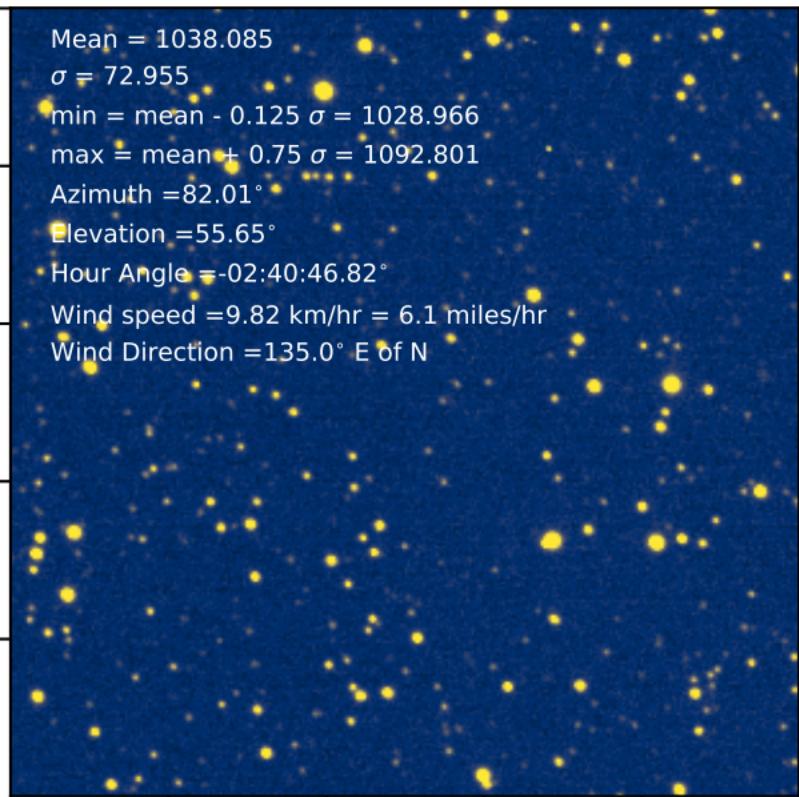
0

200

400

600

800



0

Mean = 1029.251

σ = 62.685

min = mean - 0.125 σ = 1021.415

max = mean + 0.75 σ = 1076.265

Azimuth = 82.08°

Elevation = 55.84°

Hour Angle = -02:39:54.68°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

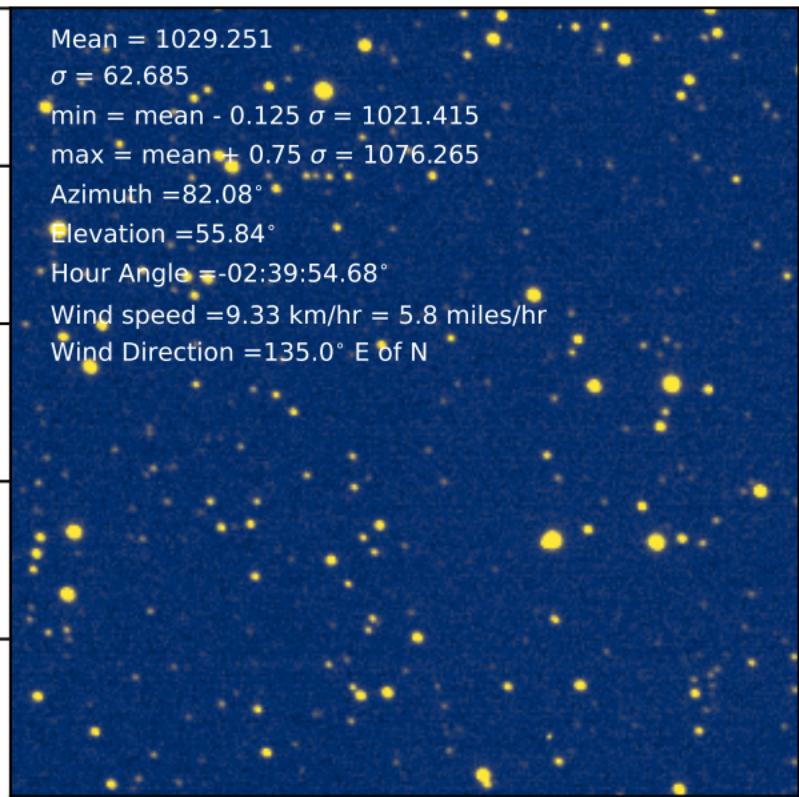
0

200

400

600

800



0

Mean = 1035.746

σ = 62.371

min = mean - 0.125 σ = 1027.949

max = mean + 0.75 σ = 1082.524

Azimuth = 82.16°

Elevation = 56.02°

Hour Angle = -02:39:02.54°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

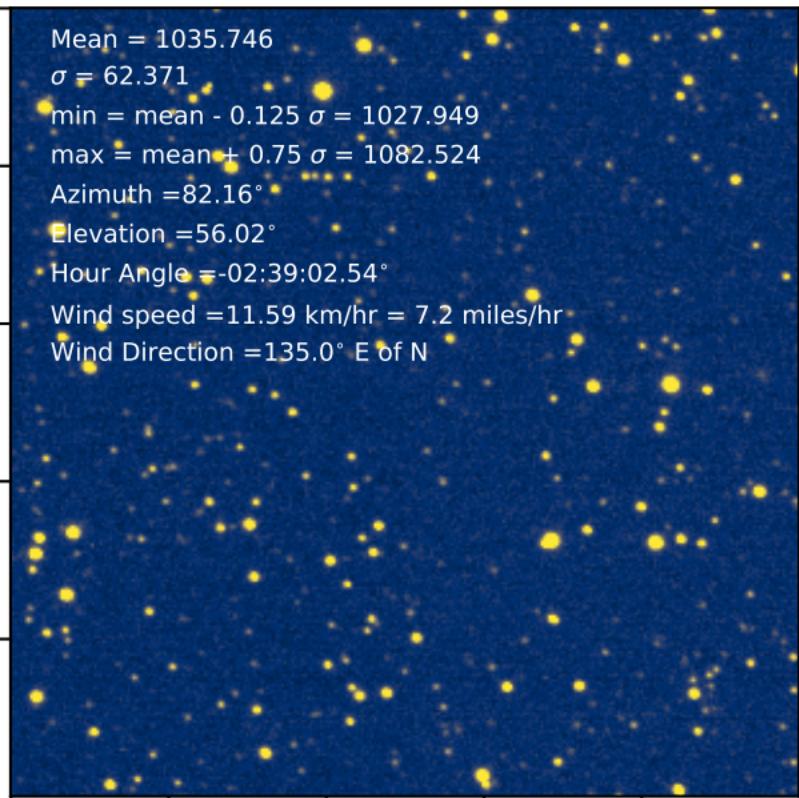
0

200

400

600

800



0

Mean = 1037.192

σ = 73.041

min = mean - 0.125 σ = 1028.061

max = mean + 0.75 σ = 1091.972

Azimuth = 82.23°

Elevation = 56.19°

Hour Angle = -02:38:15.41°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1028.514

σ = 62.392

min = mean - 0.125 σ = 1020.715

max = mean + 0.75 σ = 1075.308

Azimuth = 82.31°

Elevation = 56.37°

Hour Angle = -02:37:22.27°

200

400

600

800

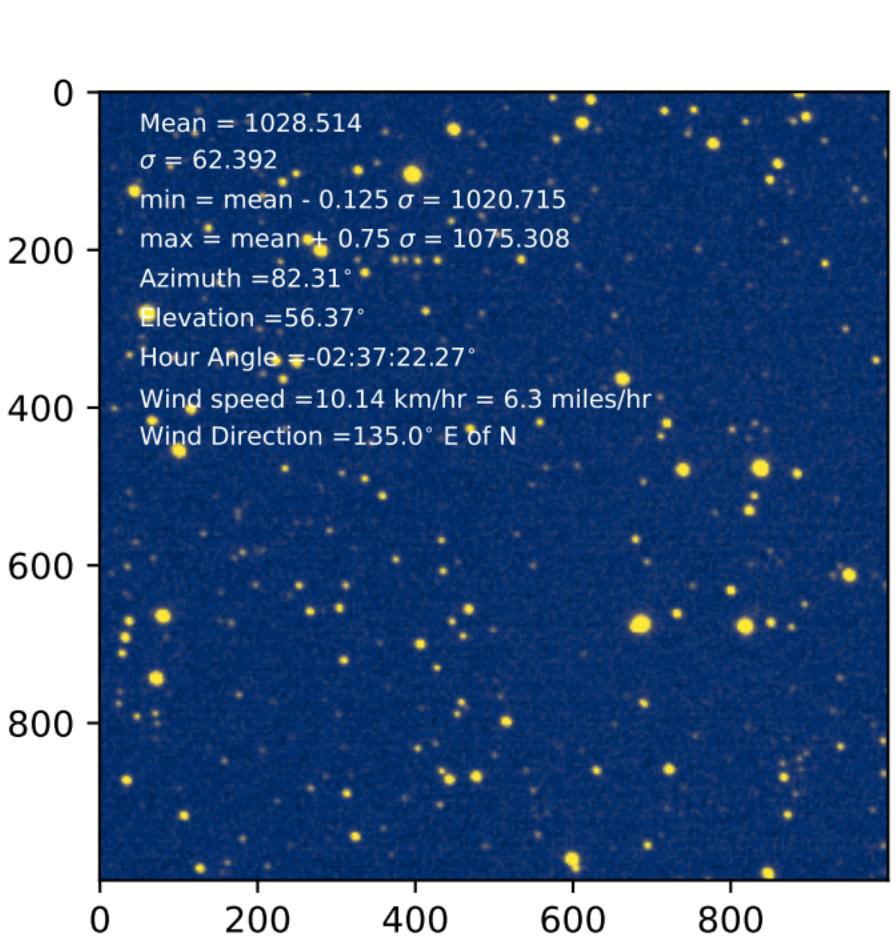
0

200

400

600

800



0

Mean = 1034.812

σ = 62.594

min = mean - 0.125 σ = 1026.988

max = mean + 0.75 σ = 1081.758

Azimuth = 82.39°

Elevation = 56.56°

Hour Angle = -02:36:30.12°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

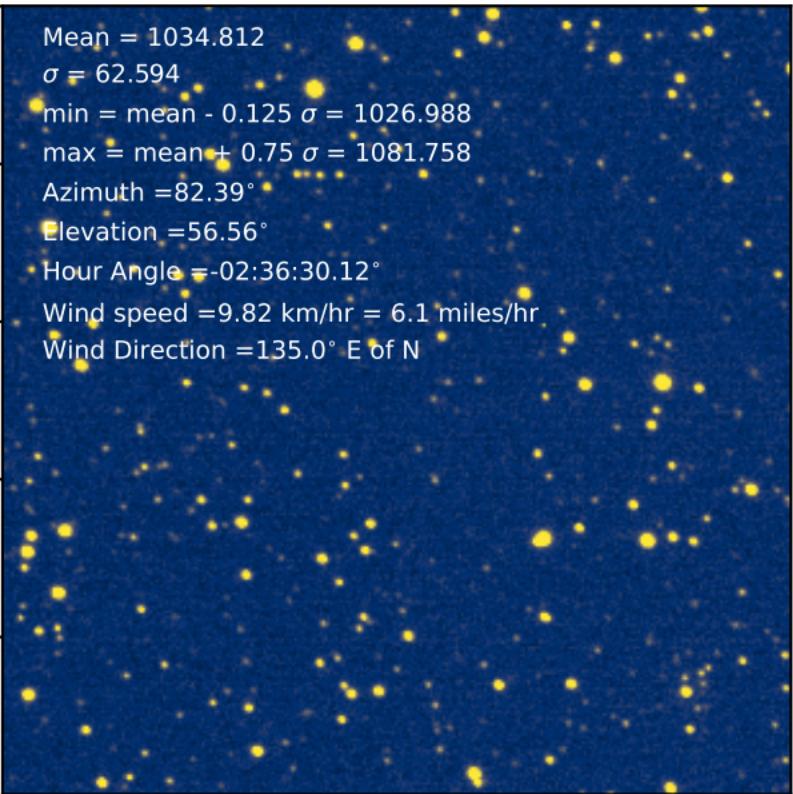
0

200

400

600

800



0

Mean = 1028.303

σ = 62.598

min = mean - 0.125 σ = 1020.478

max = mean + 0.75 σ = 1075.252

Azimuth = 82.45°

Elevation = 56.72°

Hour Angle = -02:35:44.00°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

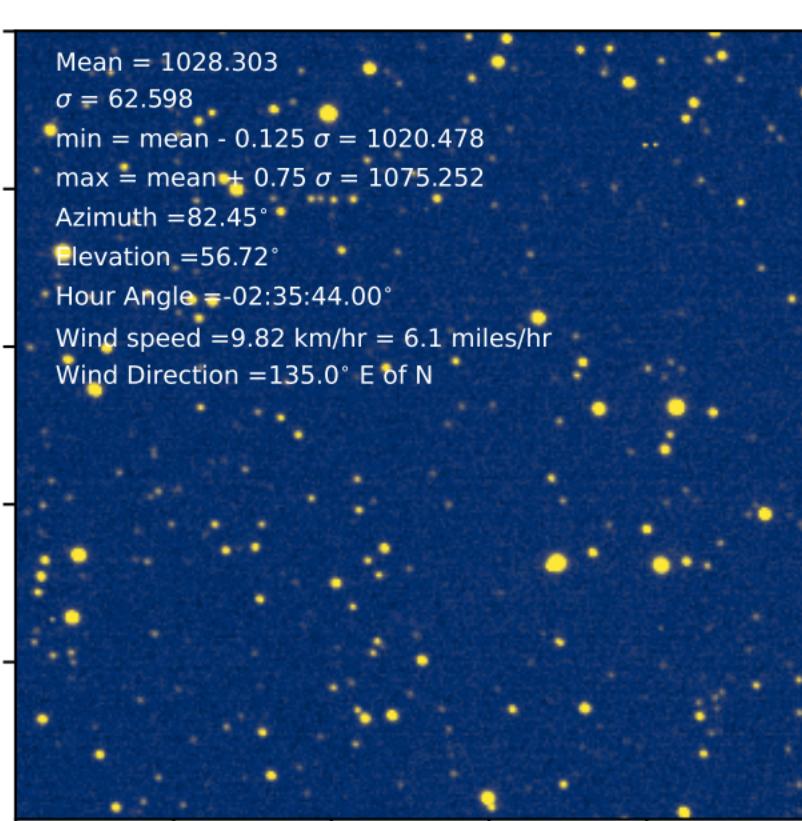
0

200

400

600

800



0

Mean = 1034.899

σ = 62.648

min = mean - 0.125 σ = 1027.068

max = mean + 0.75 σ = 1081.886

Azimuth = 82.53°

Elevation = 56.9°

Hour Angle = -02:34:51.86°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

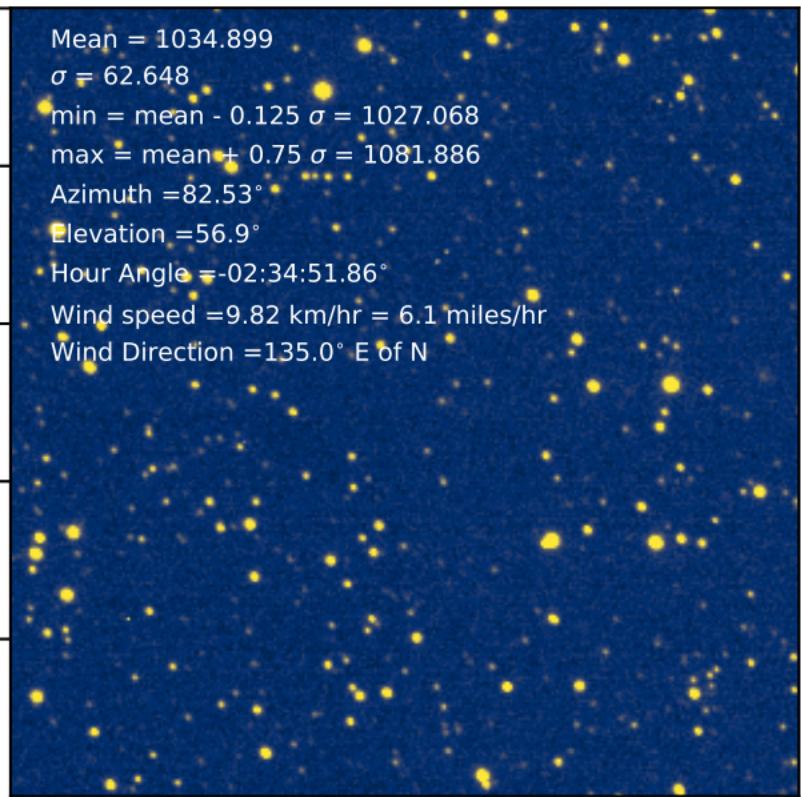
0

200

400

600

800



0

Mean = 1036.635

σ = 73.004

min = mean - 0.125 σ = 1027.51

max = mean + 0.75 σ = 1091.388

Azimuth = 82.6°

Elevation = 57.07°

Hour Angle = -02:34:04.73°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

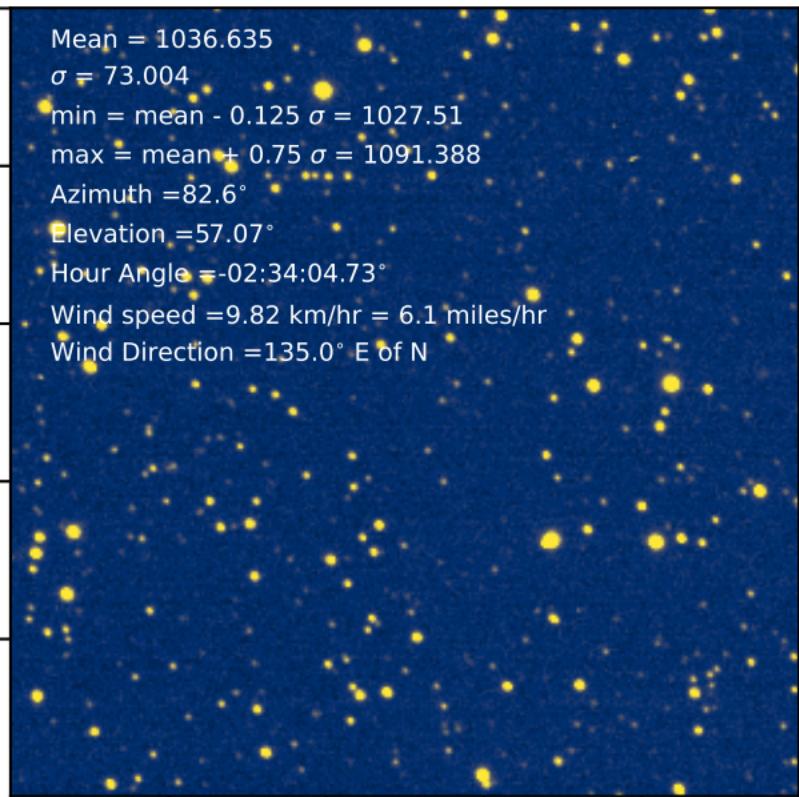
0

200

400

600

800



0

Mean = 1028.072

σ = 62.557

min = mean - 0.125 σ = 1020.252

max = mean + 0.75 σ = 1074.989

Azimuth = 82.68°

Elevation = 57.25°

Hour Angle = -02:33:11.58°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

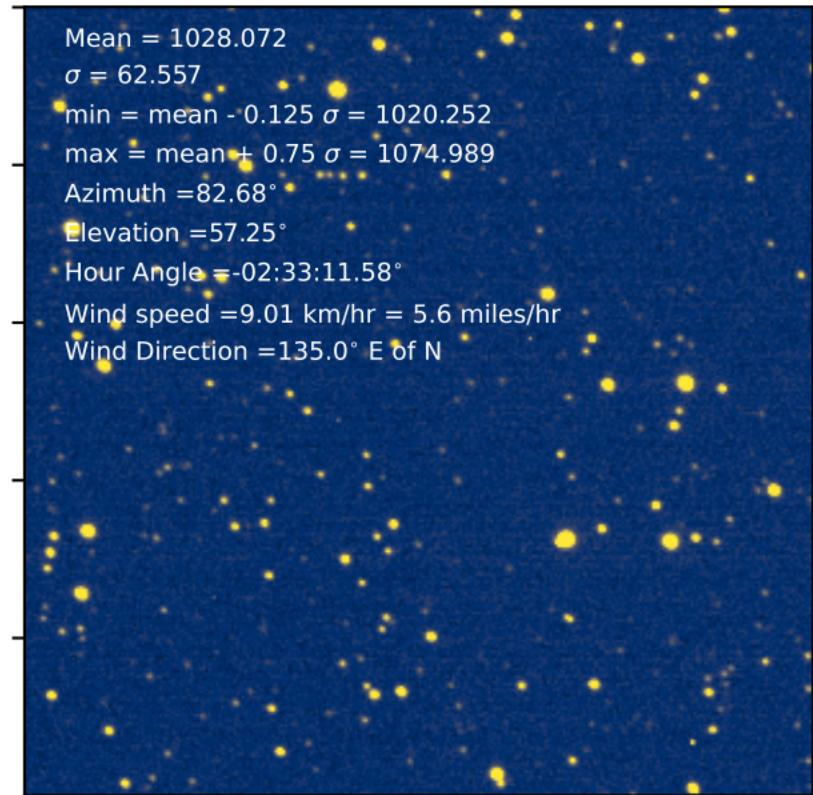
0

200

400

600

800



0

Mean = 1034.067

σ = 62.660

min = mean - 0.125 σ = 1026.235

max = mean + 0.75 σ = 1081.062

Azimuth = 82.76°

Elevation = 57.44°

Hour Angle = -02:32:19.44°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

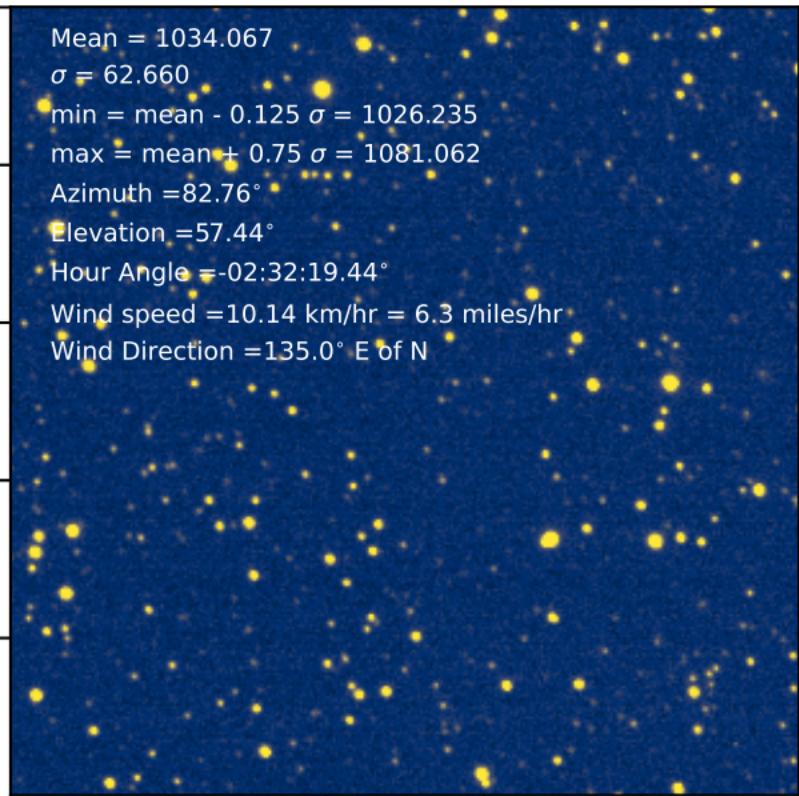
0

200

400

600

800



0

Mean = 1036.101

σ = 72.902

min = mean - 0.125 σ = 1026.988

max = mean + 0.75 σ = 1090.778

Azimuth = 82.83°

Elevation = 57.6°

Hour Angle = -02:31:32.31°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

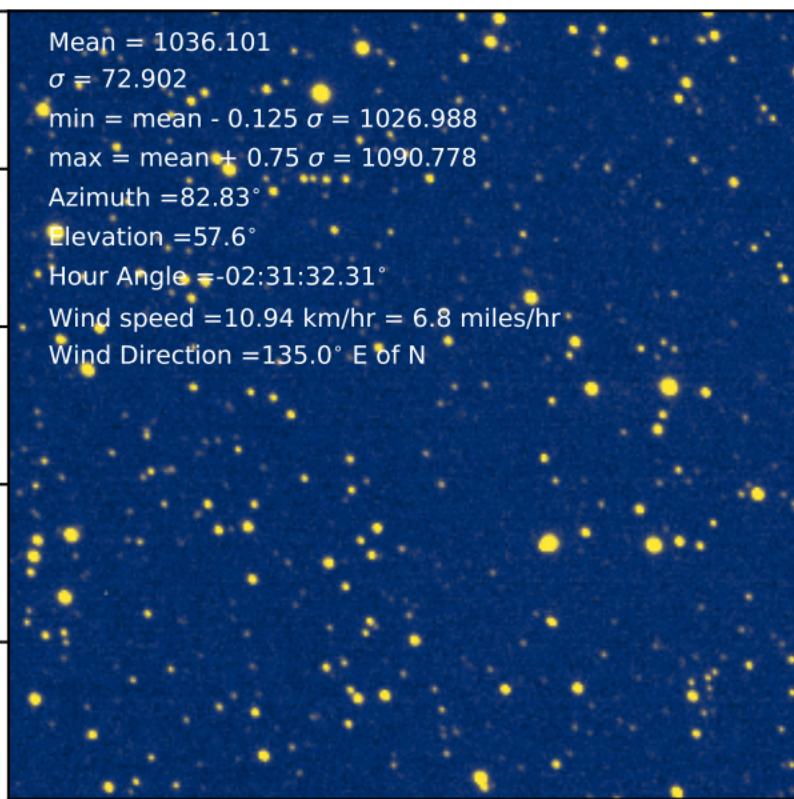
0

200

400

600

800



0

Mean = 1027.821

σ = 62.699

min = mean - 0.125 σ = 1019.983

max = mean + 0.75 σ = 1074.845

Azimuth = 82.91°

Elevation = 57.79°

Hour Angle = -02:30:39.17°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

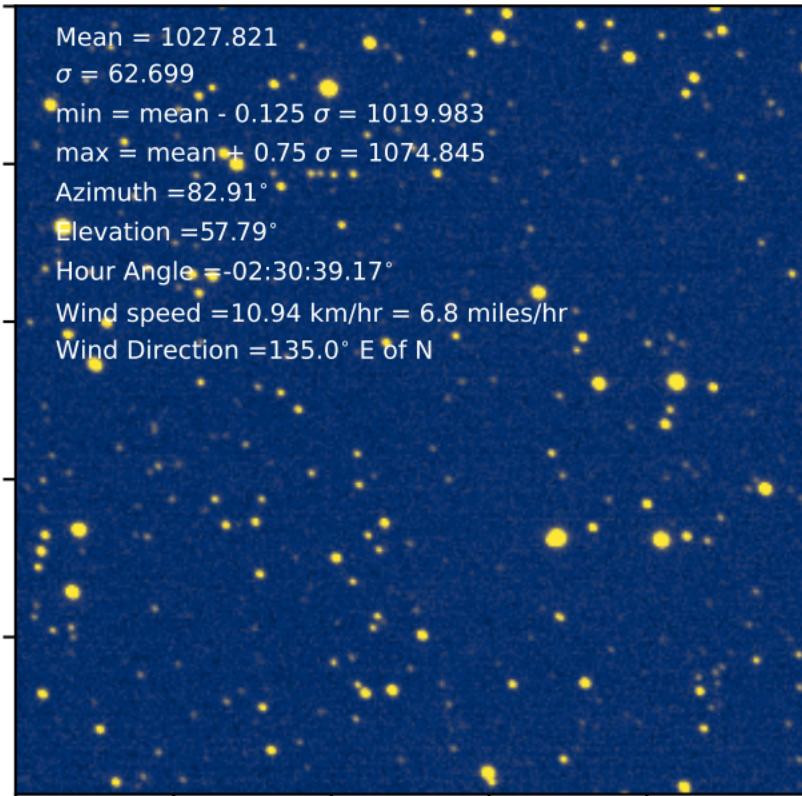
0

200

400

600

800



0

Mean = 1032.964

σ = 62.174

min = mean - 0.125 σ = 1025.192

max = mean + 0.75 σ = 1079.594

Azimuth = 82.98°

Elevation = 57.97°

Hour Angle = -02:29:47.02°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

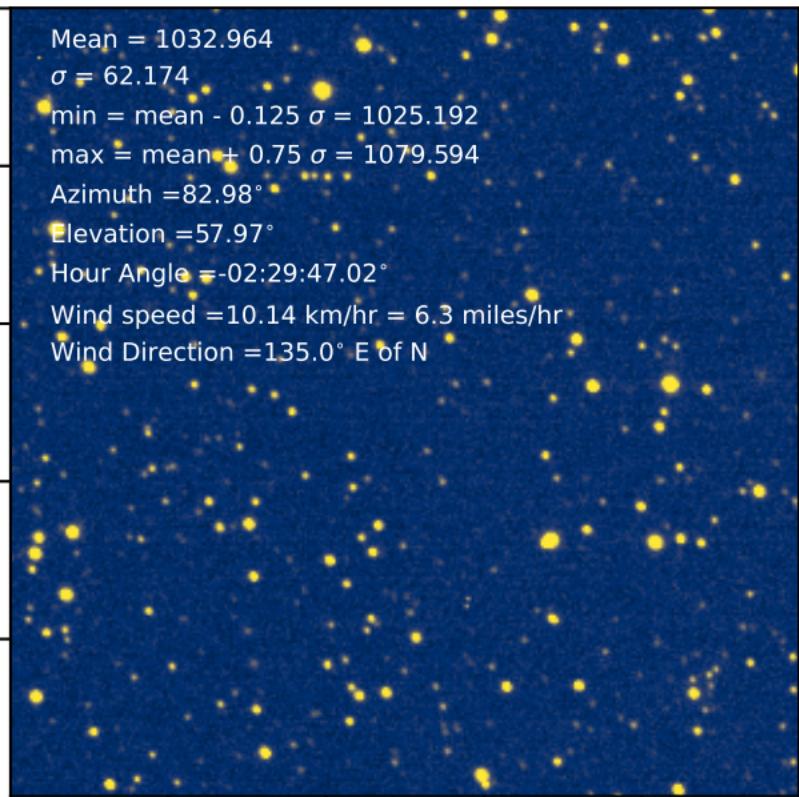
0

200

400

600

800



0

Mean = 1027.877

σ = 61.895

min = mean - 0.125 σ = 1020.14

max = mean + 0.75 σ = 1074.298

Azimuth = 83.05°

Elevation = 58.13°

Hour Angle = -02:29:00.90°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

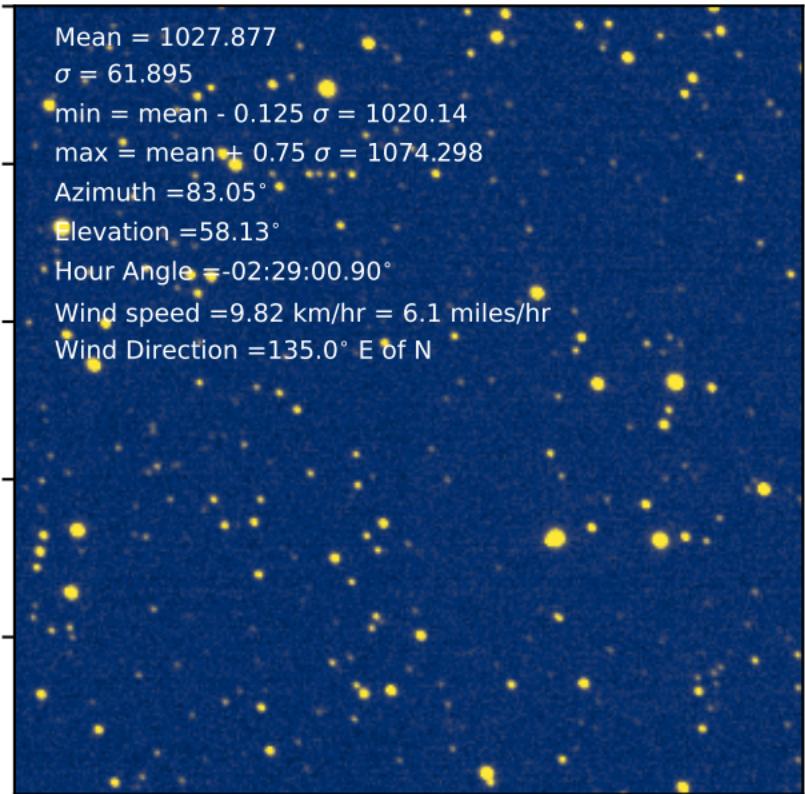
0

200

400

600

800



0

Mean = 1032.917

σ = 62.505

min = mean - 0.125 σ = 1025.104

max = mean + 0.75 σ = 1079.795

Azimuth = 83.13°

Elevation = 58.32°

Hour Angle = -02:28:08.75°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

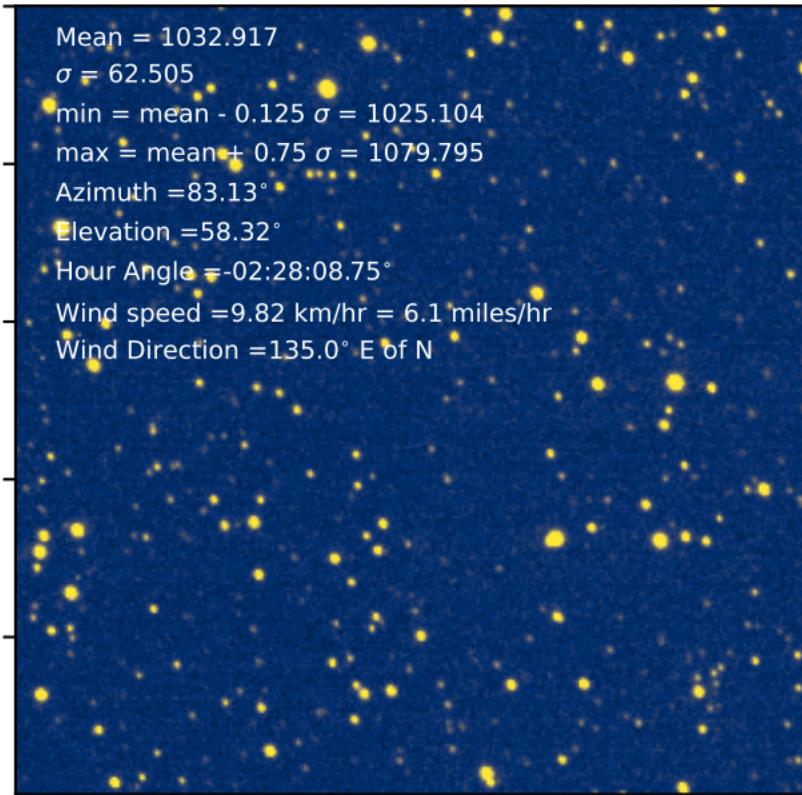
0

200

400

600

800



0

Mean = 1035.387

σ = 73.220

min = mean - 0.125 σ = 1026.235

max = mean + 0.75 σ = 1090.302

Azimuth = 83.2°

Elevation = 58.48°

Hour Angle = -02:27:21.63°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

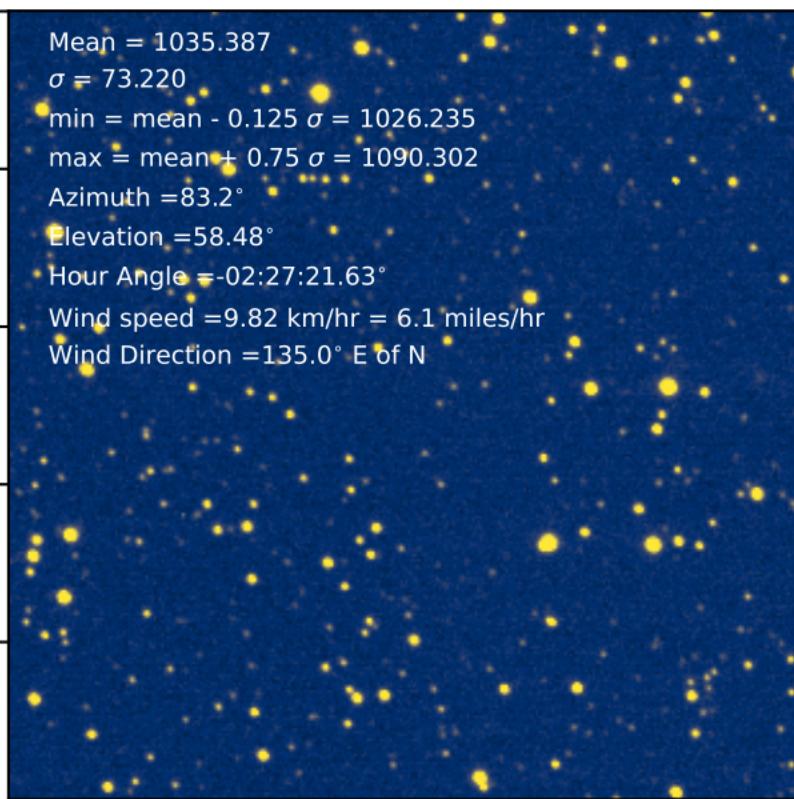
0

200

400

600

800



0

Mean = 1026.905

σ = 62.710

min = mean - 0.125 σ = 1019.066

max = mean + 0.75 σ = 1073.938

Azimuth = 83.28°

Elevation = 58.67°

Hour Angle = -02:26:28.48°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

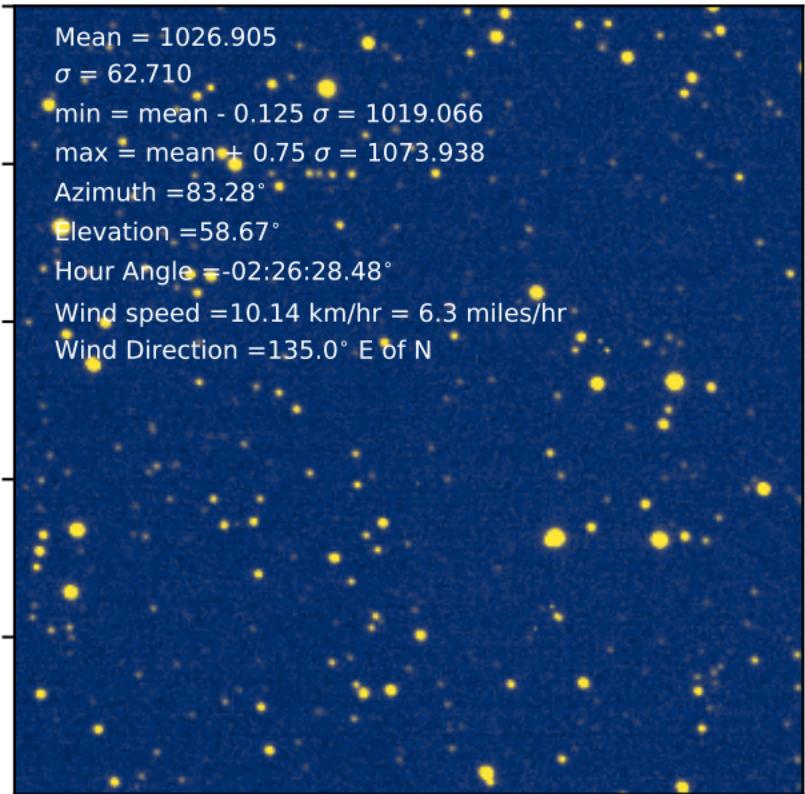
0

200

400

600

800



0

Mean = 1032.710

σ = 62.438

min = mean - 0.125 σ = 1024.905

max = mean + 0.75 σ = 1079.538

Azimuth = 83.36°

Elevation = 58.86°

Hour Angle = -02:25:36.34°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

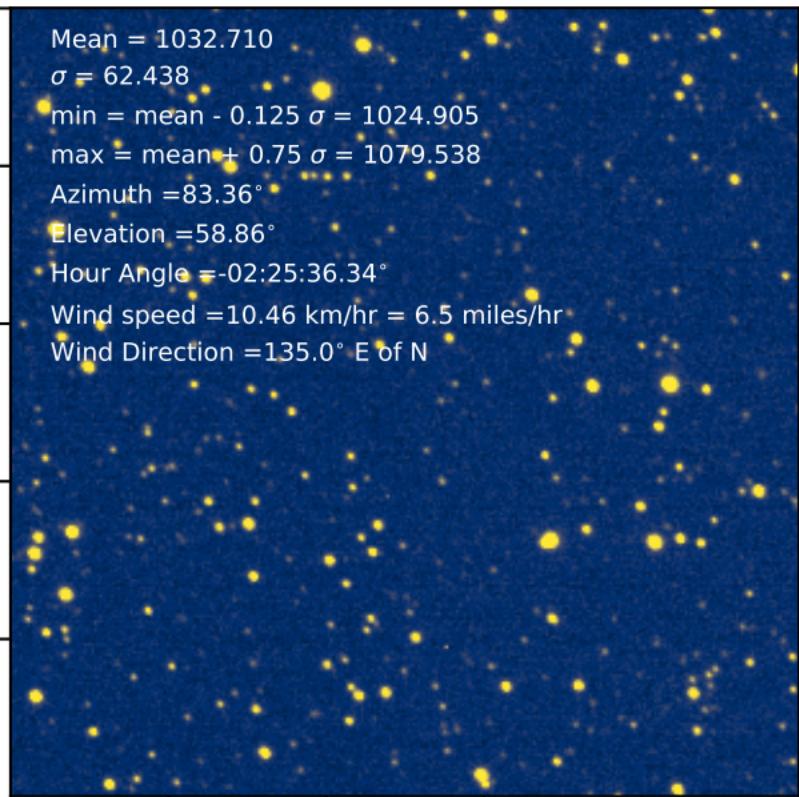
0

200

400

600

800



0

Mean = 1034.661

σ = 72.882

min = mean - 0.125 σ = 1025.551

max = mean + 0.75 σ = 1089.323

Azimuth = 83.43°

Elevation = 59.02°

Hour Angle = -02:24:49.21°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

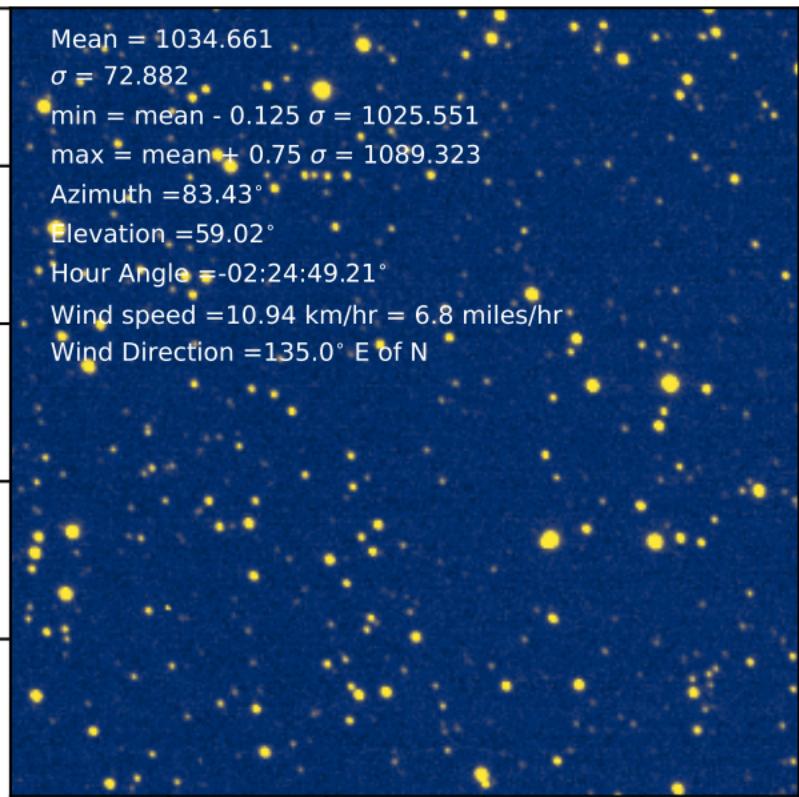
0

200

400

600

800



0

Mean = 1026.261

σ = 62.737

min = mean - 0.125 σ = 1018.419

max = mean + 0.75 σ = 1073.313

Azimuth = 83.51°

Elevation = 59.21°

Hour Angle = -02:23:56.06°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

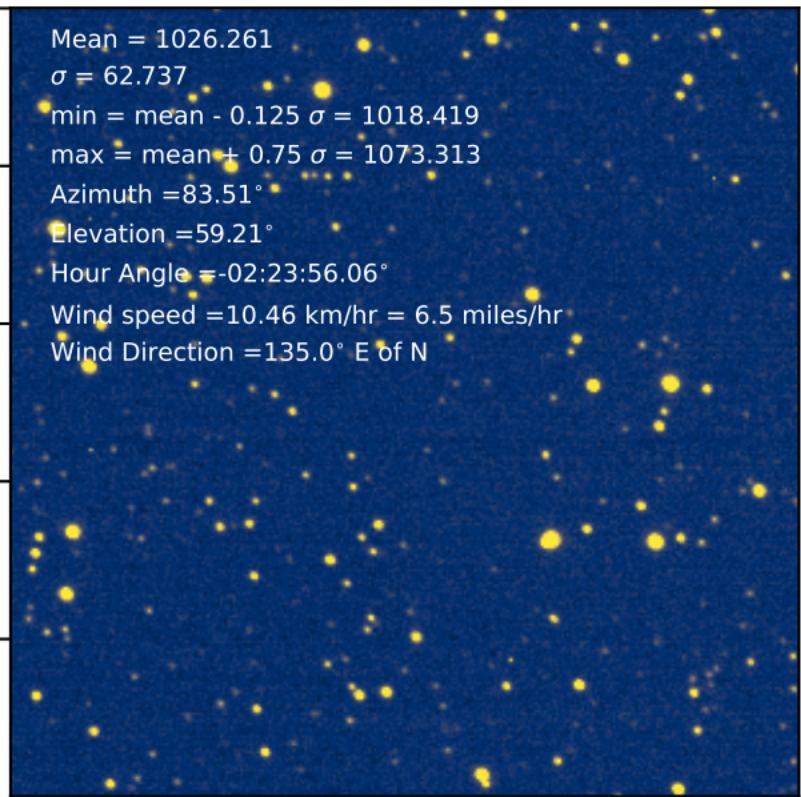
0

200

400

600

800



0

Mean = 1032.205

σ = 62.710

min = mean - 0.125 σ = 1024.366

200

max = mean + 0.75 σ = 1079.237

Azimuth = 83.59°

Elevation = 59.39°

Hour Angle = -02:23:03.92°

400

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1025.872

σ = 62.743

min = mean - 0.125 σ = 1018.029

max = mean + 0.75 σ = 1072.929

Azimuth = 83.66°

Elevation = 59.55°

Hour Angle = -02:22:17.80°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

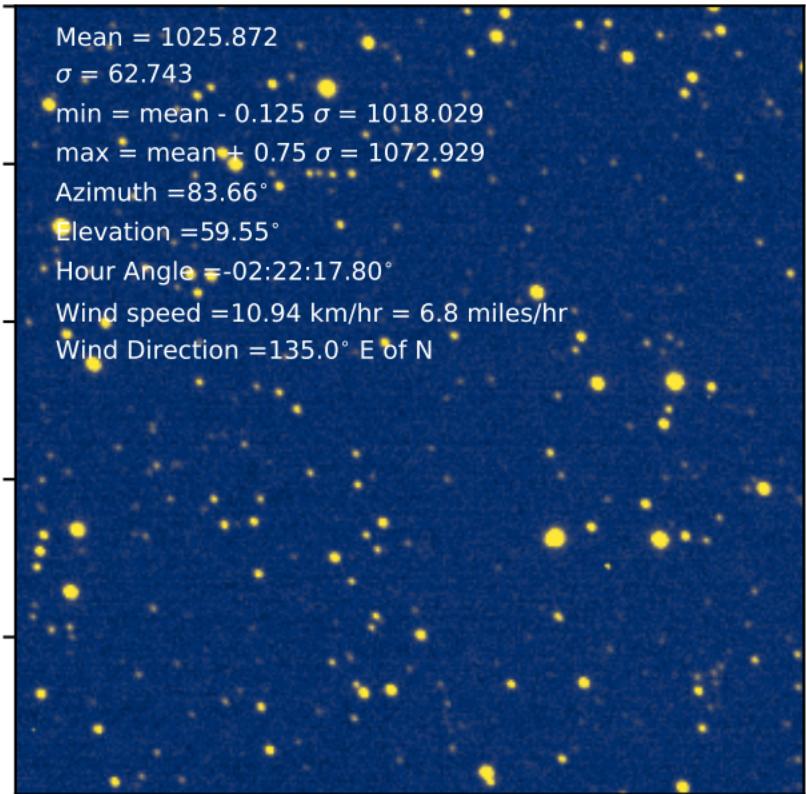
0

200

400

600

800



0

Mean = 1032.201

σ = 62.809

min = mean - 0.125 σ = 1024.35

max = mean + 0.75 σ = 1079.308

Azimuth = 83.74°

Elevation = 59.74°

Hour Angle = -02:21:25.65°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

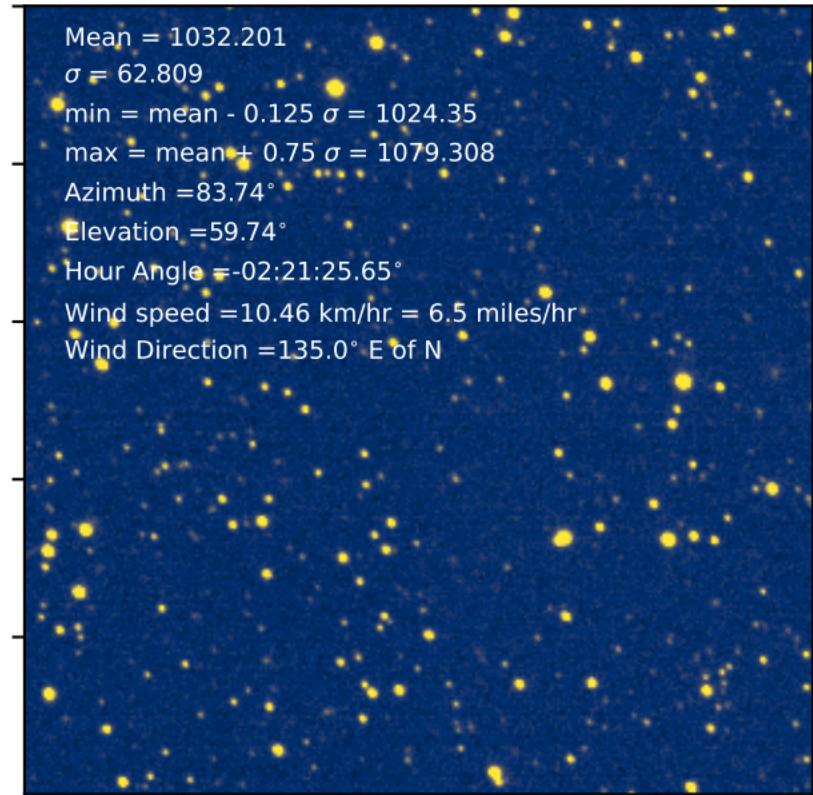
0

200

400

600

800



0

Mean = 1033.980

σ = 73.039

min = mean - 0.125 σ = 1024.85

max = mean + 0.75 σ = 1088.759

Azimuth = 83.81°

Elevation = 59.9°

Hour Angle = -02:20:38.53°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

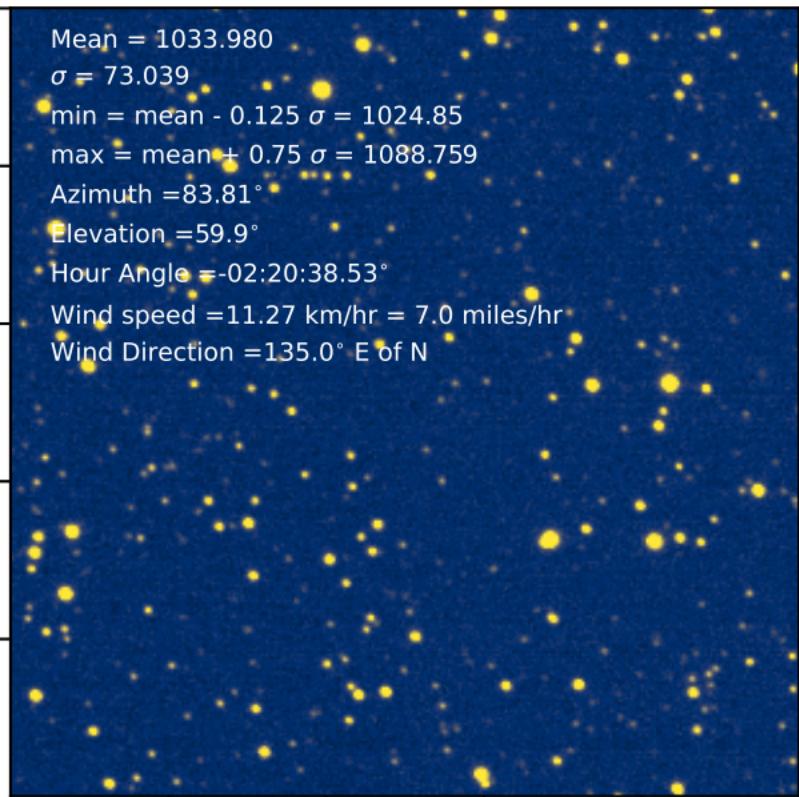
0

200

400

600

800



0

Mean = 1025.222

σ = 62.978

min = mean - 0.125 σ = 1017.35

max = mean + 0.75 σ = 1072.456

Azimuth = 83.89°

Elevation = 60.09°

Hour Angle = -02:19:45.38°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

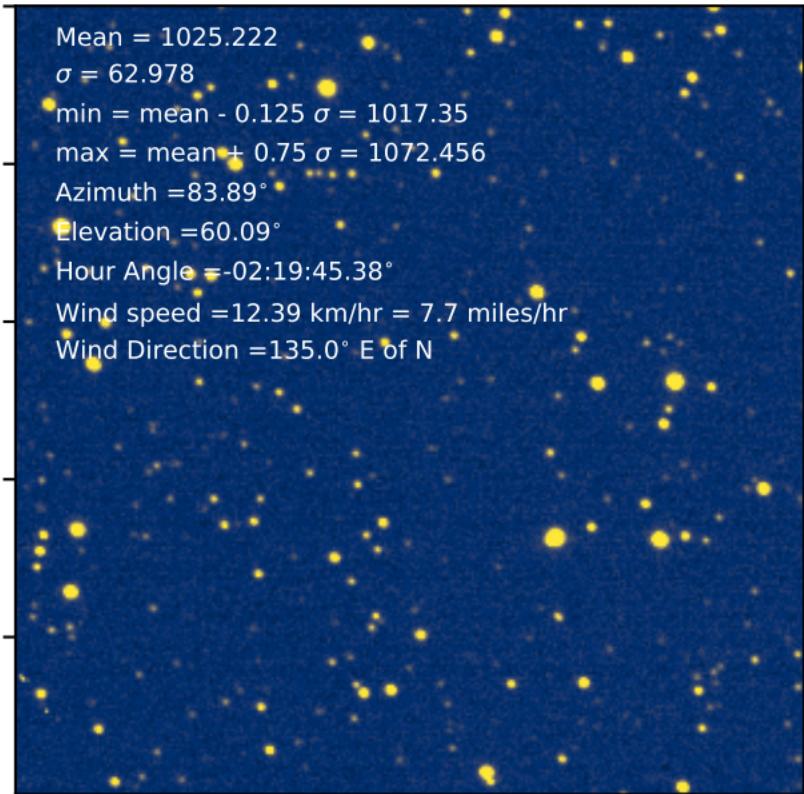
0

200

400

600

800



0

Mean = 1031.607

σ = 62.317

min = mean - 0.125 σ = 1023.817

max = mean + 0.75 σ = 1078.344

Azimuth = 83.97°

Elevation = 60.28°

Hour Angle = -02:18:53.24°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

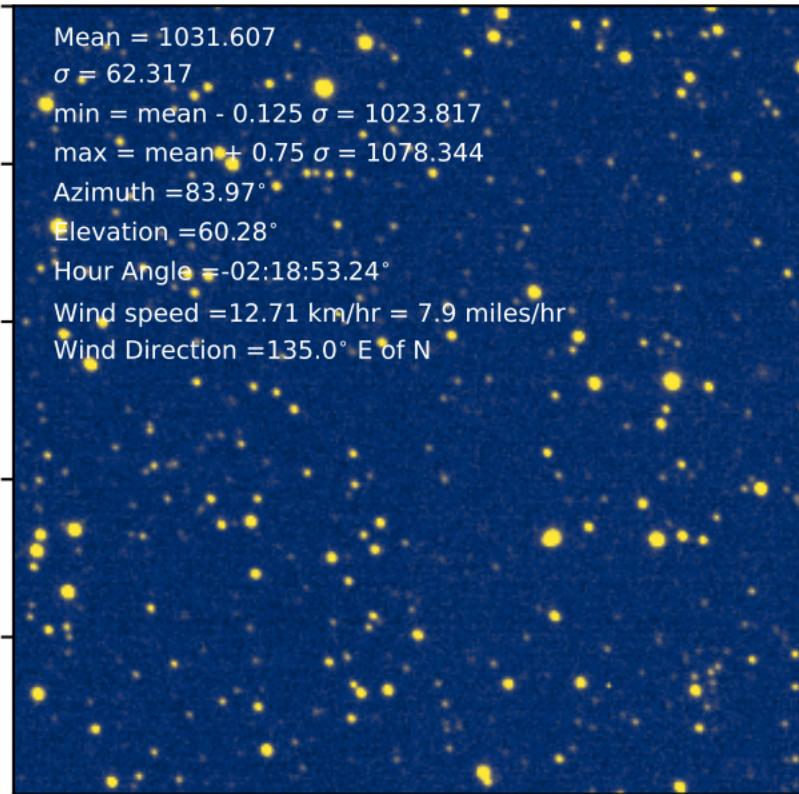
0

200

400

600

800



0

Mean = 1033.388

σ = 73.097

min = mean - 0.125 σ = 1024.251

max = mean + 0.75 σ = 1088.211

Azimuth = 84.05°

Elevation = 60.44°

Hour Angle = -02:18:06.11°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

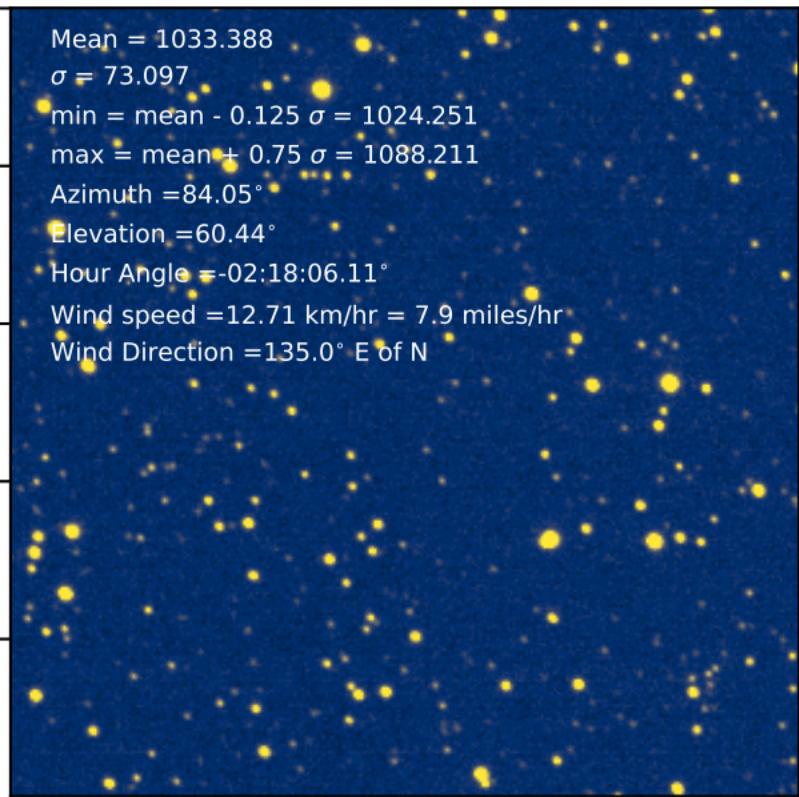
0

200

400

600

800



0

Mean = 1024.693

σ = 62.795

min = mean - 0.125 σ = 1016.844

max = mean + 0.75 σ = 1071.79

Azimuth = 84.13°

Elevation = 60.63°

Hour Angle = -02:17:13.97°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

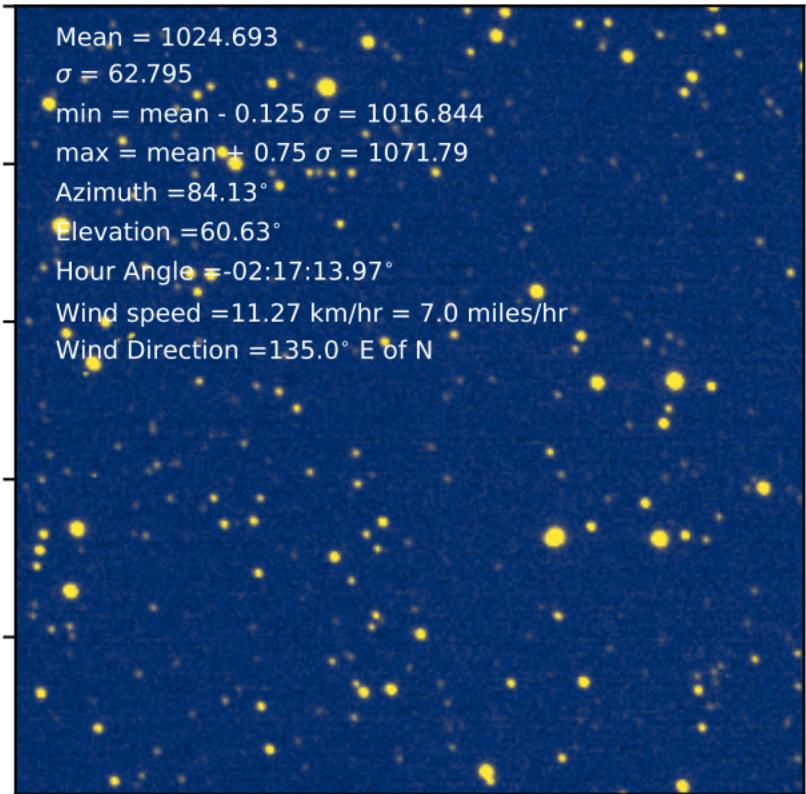
0

200

400

600

800



0

Mean = 1031.380

σ = 62.592

min = mean - 0.125 σ = 1023.555

max = mean + 0.75 σ = 1078.324

Azimuth = 84.21°

Elevation = 60.81°

Hour Angle = -02:16:21.82°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

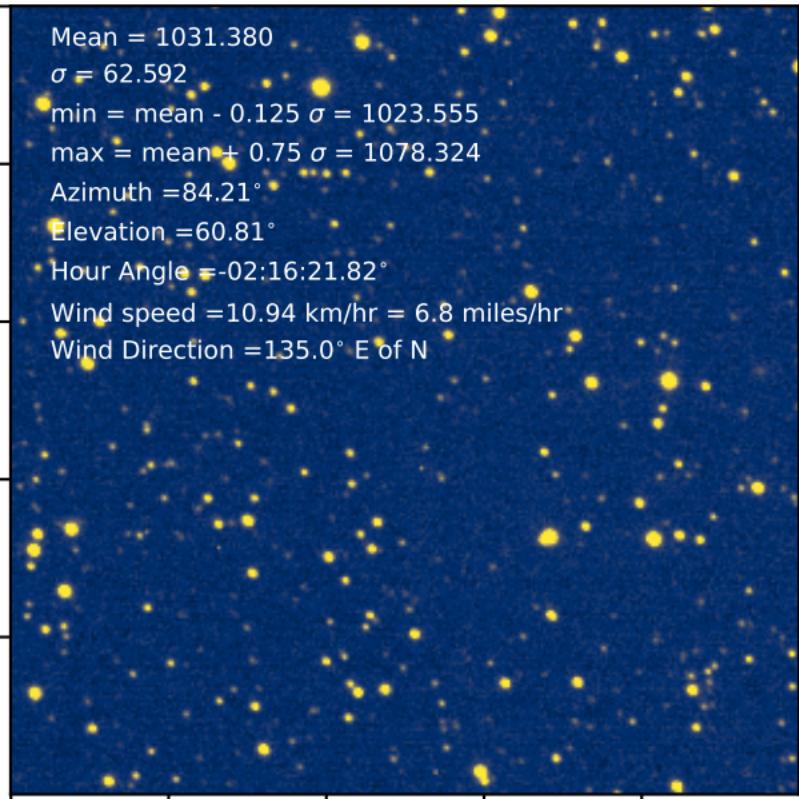
0

200

400

600

800



0

Mean = 1024.492

σ = 62.809

min = mean - 0.125 σ = 1016.641

max = mean + 0.75 σ = 1071.599

Azimuth = 84.28°

Elevation = 60.97°

Hour Angle = -02:15:35.70°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

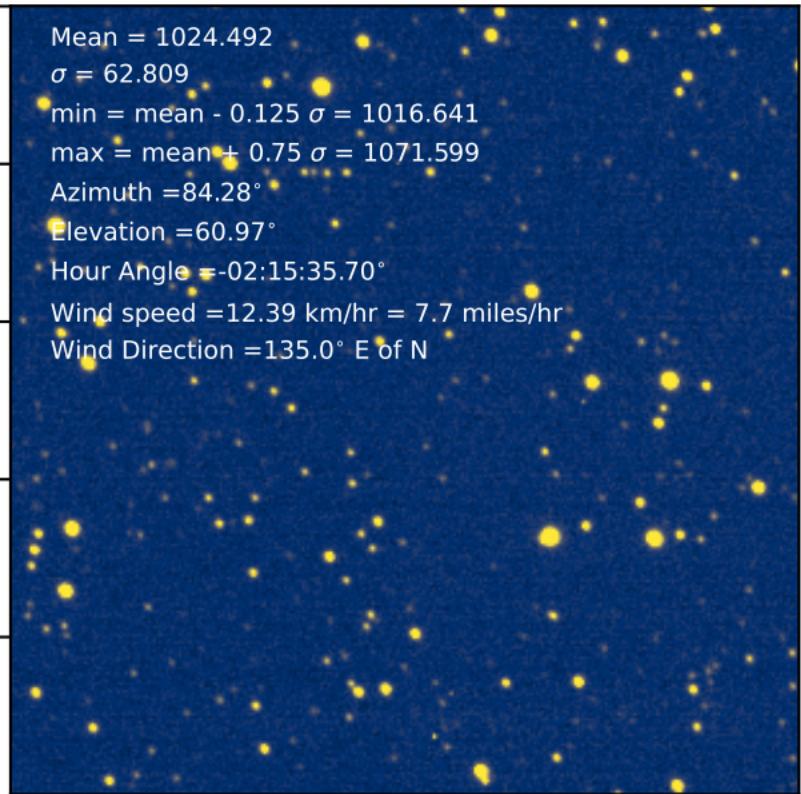
0

200

400

600

800



0

Mean = 1031.085

σ = 62.485

min = mean - 0.125 σ = 1023.274

max = mean + 0.75 σ = 1077.949

Azimuth = 84.36°

Elevation = 61.16°

Hour Angle = -02:14:43.56°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

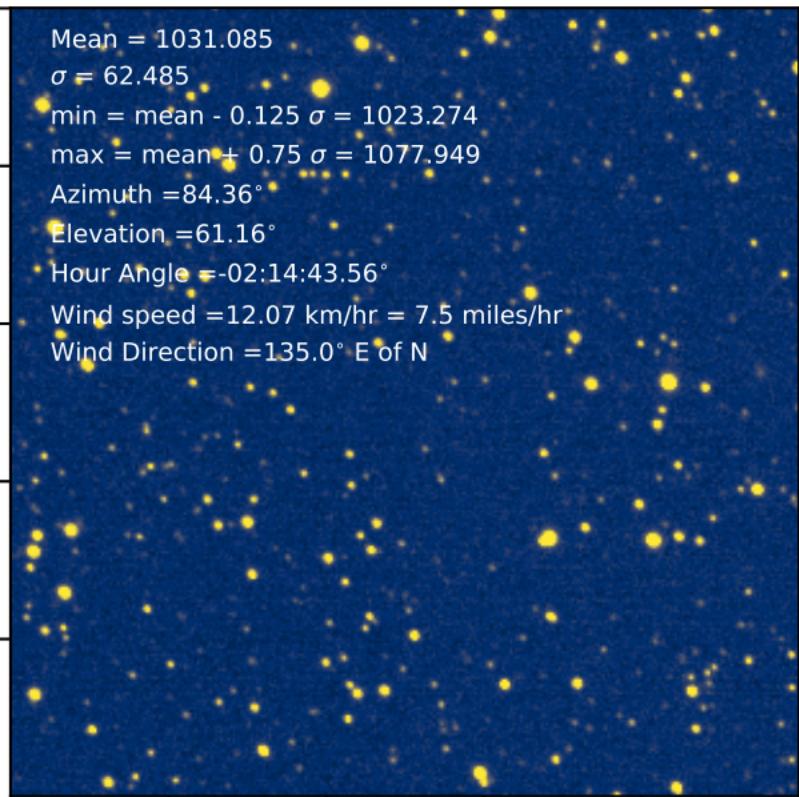
0

200

400

600

800



0

Mean = 1032.889

σ = 72.887

min = mean - 0.125 σ = 1023.778

max = mean + 0.75 σ = 1087.554

Azimuth = 84.43°

Elevation = 61.32°

Hour Angle = -02:13:56.43°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

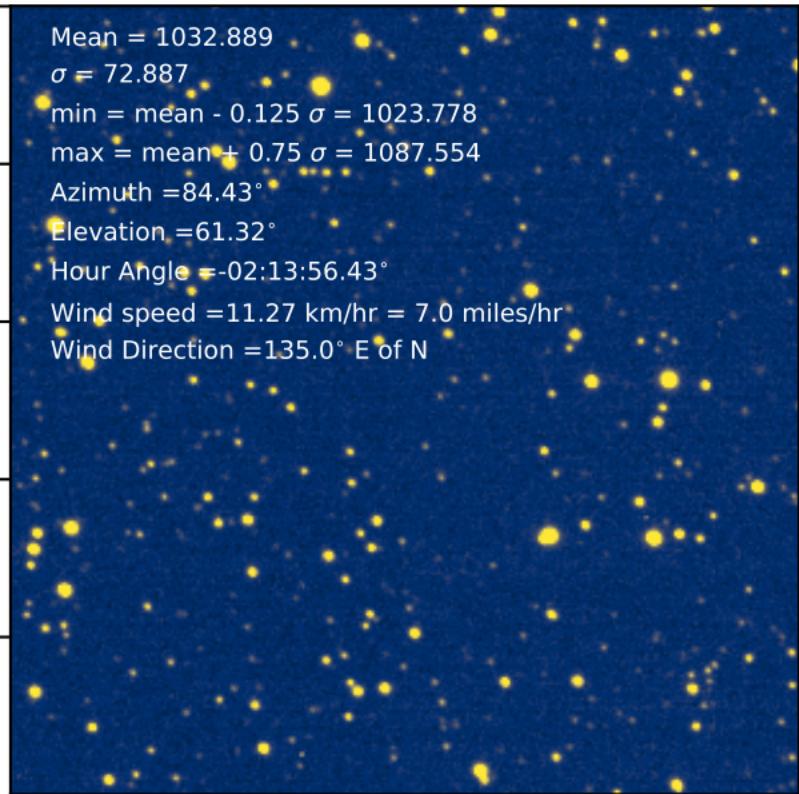
0

200

400

600

800



0

Mean = 1023.936

σ = 62.651

min = mean - 0.125 σ = 1016.105

max = mean + 0.75 σ = 1070.925

Azimuth = 84.52°

Elevation = 61.51°

Hour Angle = -02:13:03.28°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

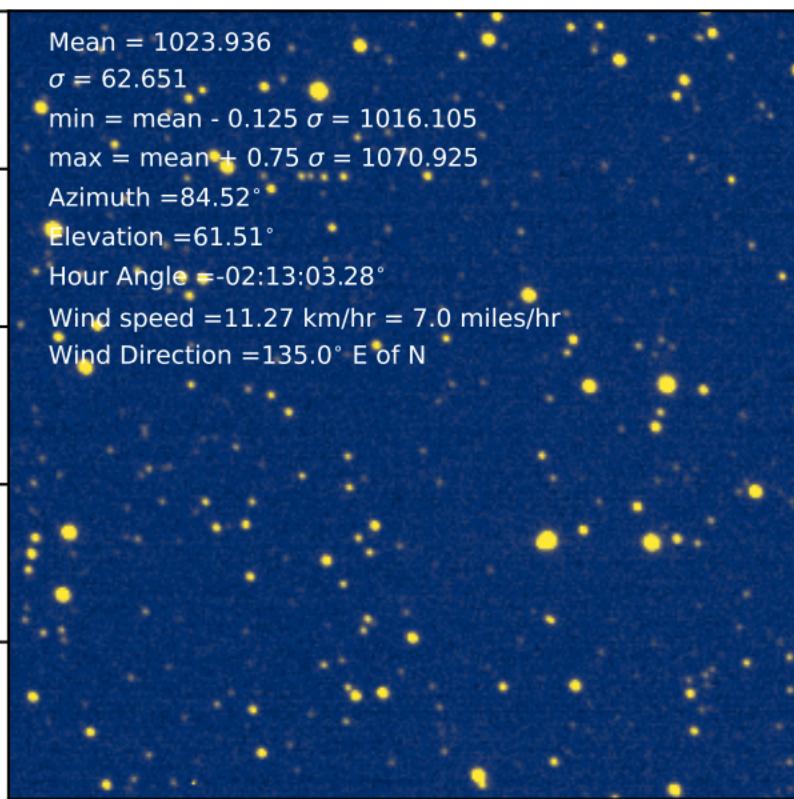
0

200

400

600

800



0

Mean = 1030.318

σ = 62.267

min = mean - 0.125 σ = 1022.535

200

max = mean + 0.75 σ = 1077.018

Azimuth = 84.6°

Elevation = 61.69°

Hour Angle = -02:12:11.14°

400

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

600

800

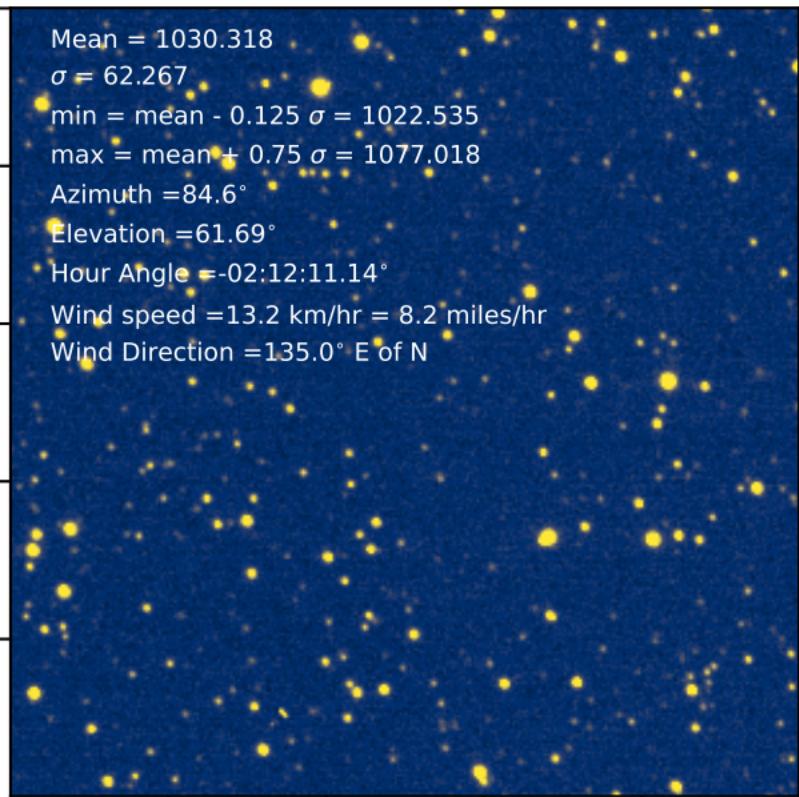
0

200

400

600

800



0

Mean = 1032.461

σ = 72.921

min = mean - 0.125 σ = 1023.346

max = mean + 0.75 σ = 1087.152

Azimuth = 84.67°

Elevation = 61.86°

Hour Angle = -02:11:24.01°

200

400

600

800

0

200

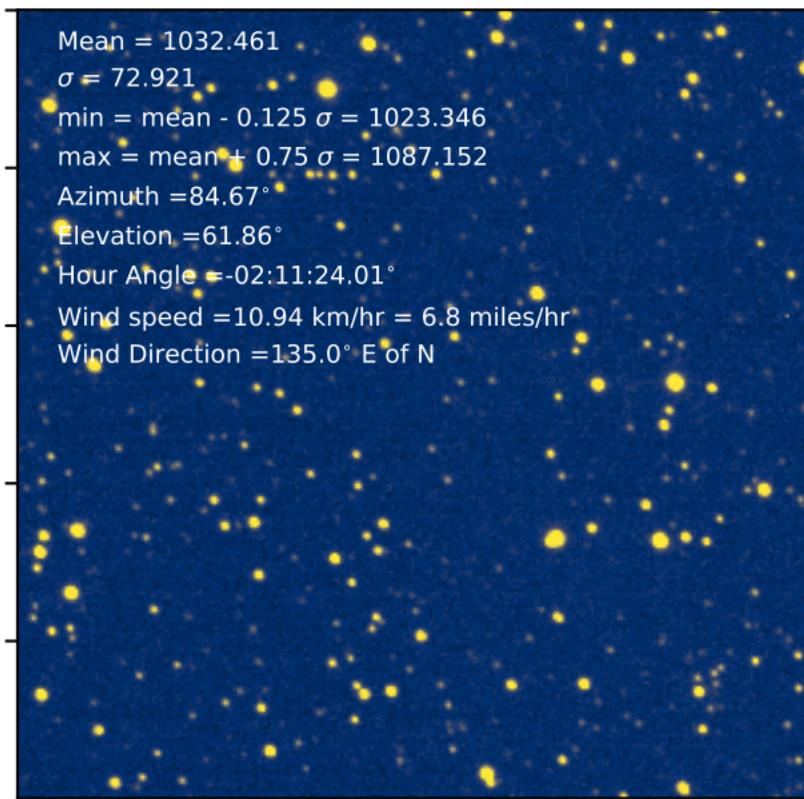
400

600

800

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1030.420

σ = 61.509

min = mean - 0.125 σ = 1022.731

max = mean + 0.75 σ = 1076.552

Azimuth = 84.76°

Elevation = 62.05°

Hour Angle = -02:10:29.86°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

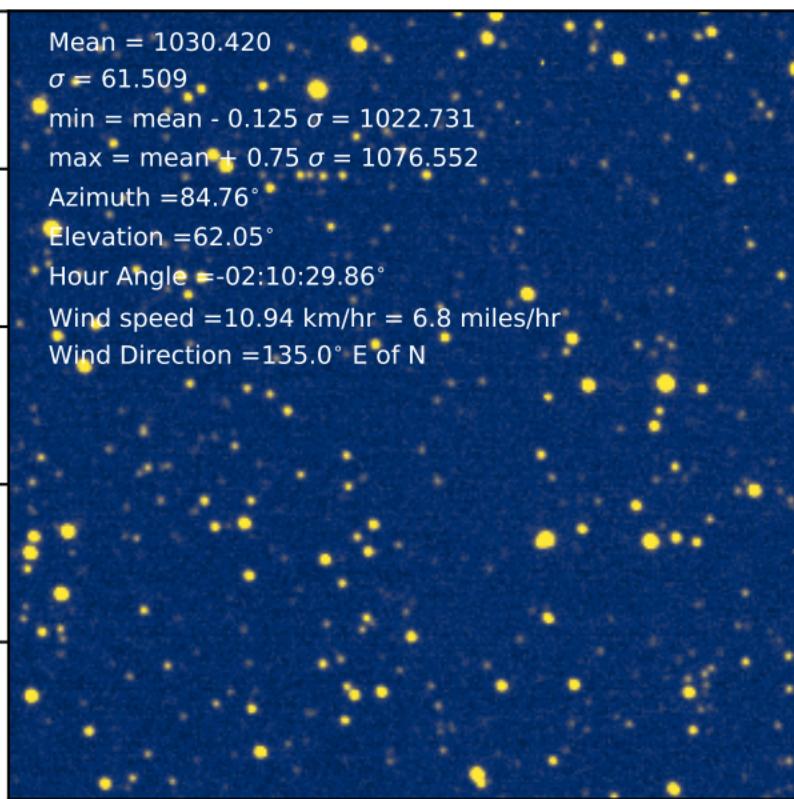
0

200

400

600

800



0

Mean = 1023.590

σ = 62.378

min = mean - 0.125 σ = 1015.792

max = mean + 0.75 σ = 1070.373

Azimuth = 84.83°

Elevation = 62.21°

Hour Angle = -02:09:43.74°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

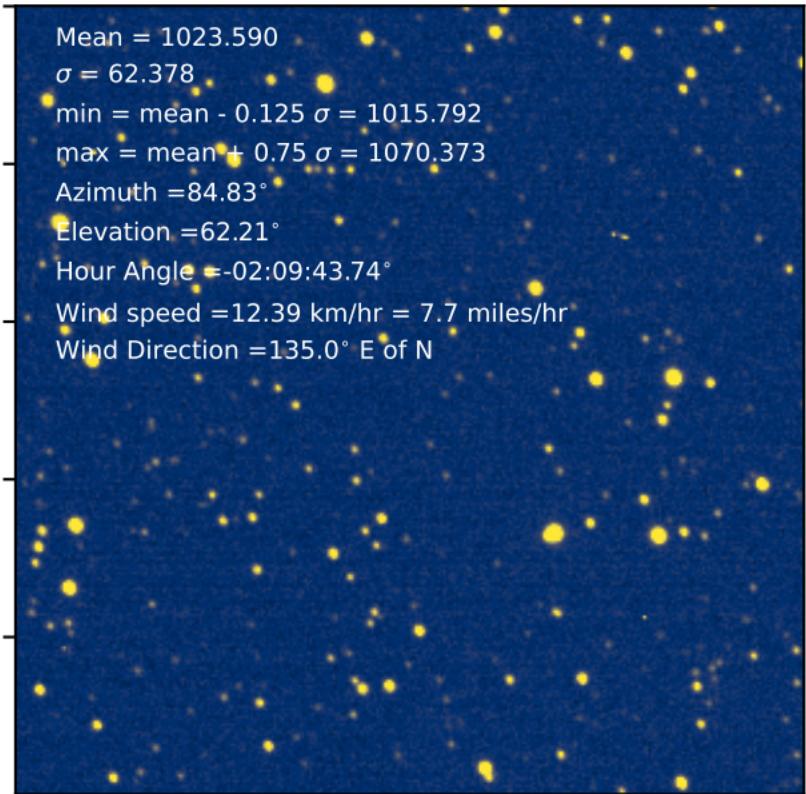
0

200

400

600

800



0

Mean = 1032.590

σ = 72.729

min = mean - 0.125 σ = 1023.499

max = mean + 0.75 σ = 1087.137

Azimuth = 84.91°

Elevation = 62.39°

Hour Angle = -02:08:54.60°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

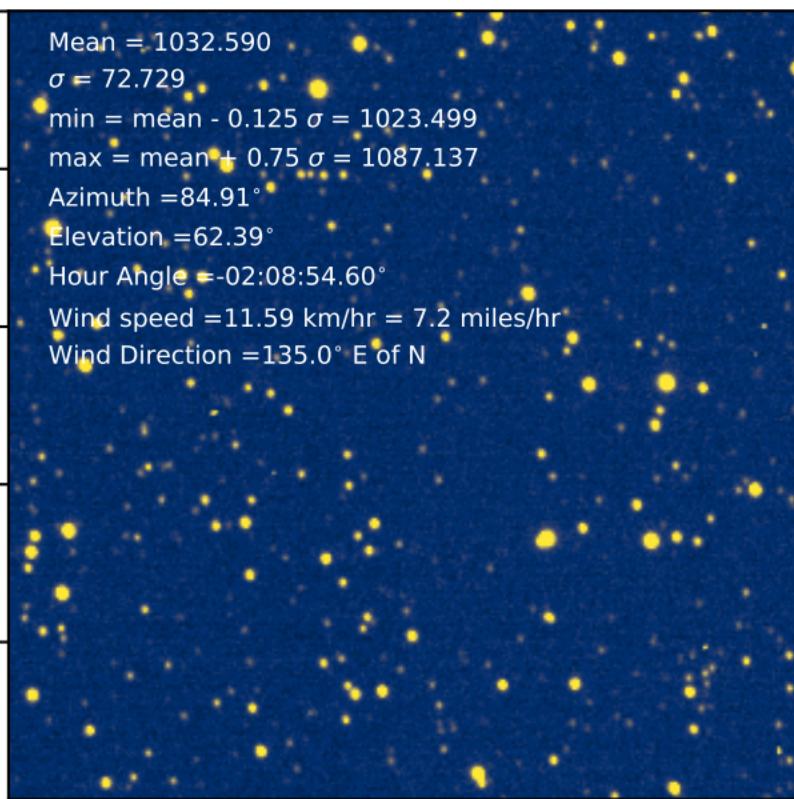
0

200

400

600

800



0

Mean = 1023.390

σ = 62.440

min = mean - 0.125 σ = 1015.585

max = mean + 0.75 σ = 1070.219

Azimuth = 84.99°

Elevation = 62.58°

Hour Angle = -02:08:01.46°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

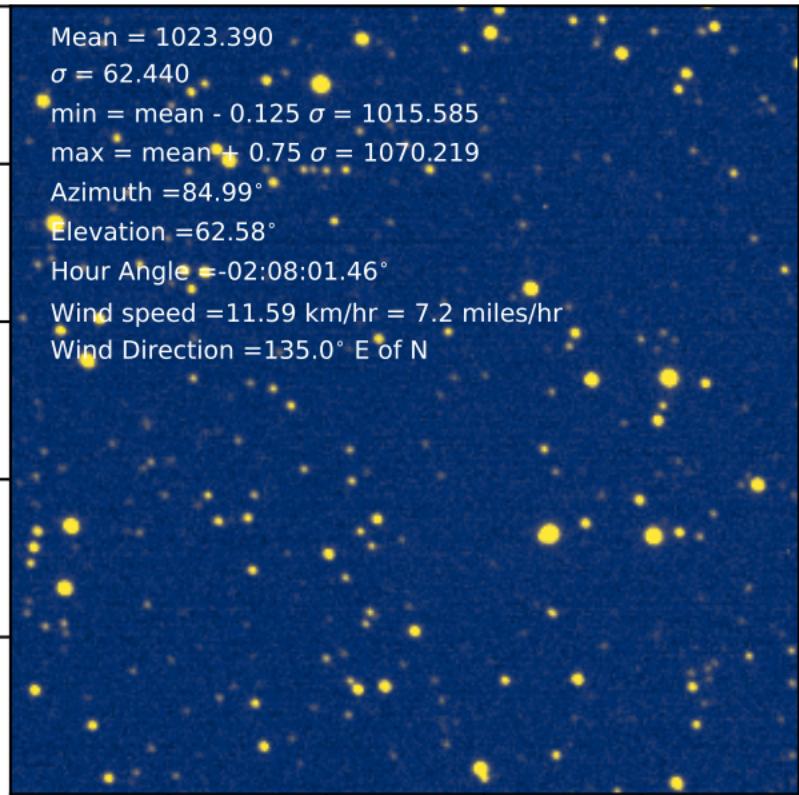
0

200

400

600

800



0

Mean = 1030.244

σ = 62.110

min = mean - 0.125 σ = 1022.48

max = mean + 0.75 σ = 1076.826

Azimuth = 85.07°

Elevation = 62.76°

Hour Angle = -02:07:09.32°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

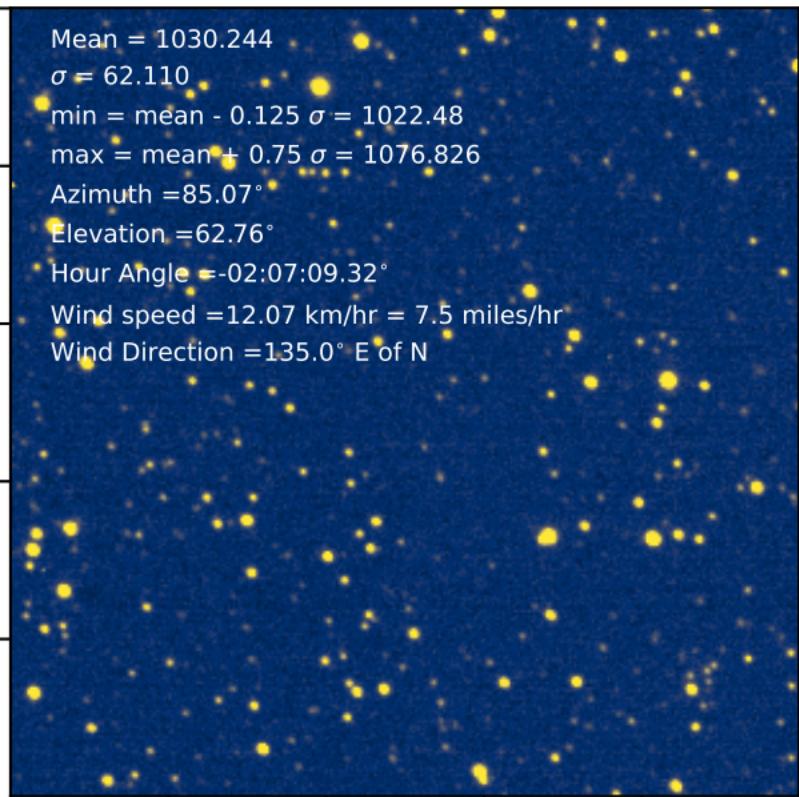
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1022.990

σ = 62.632

min = mean - 0.125 σ = 1015.161

max = mean + 0.75 σ = 1069.964

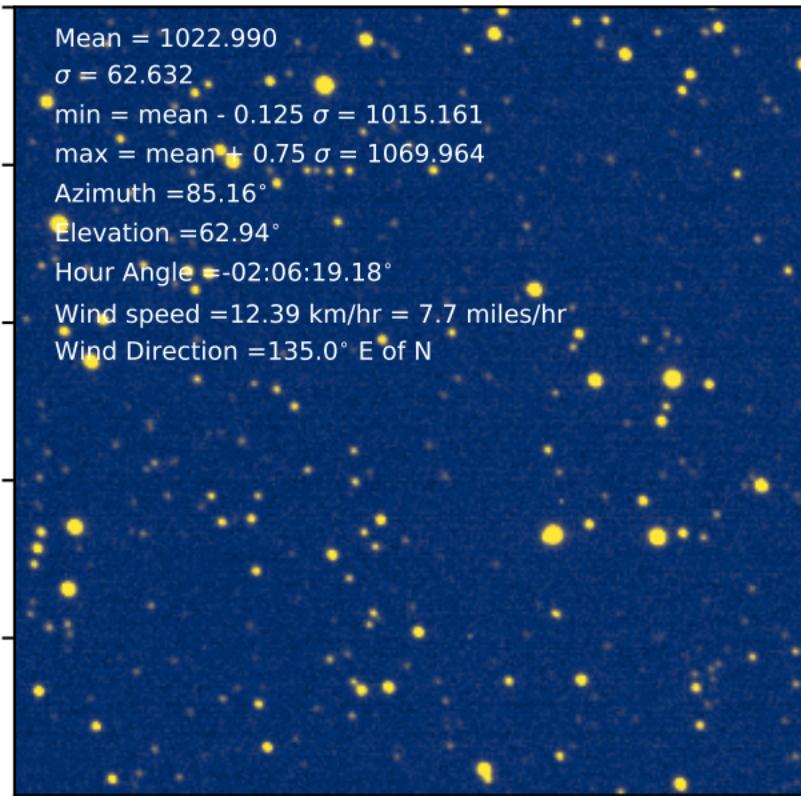
Azimuth = 85.16°

Elevation = 62.94°

Hour Angle = -02:06:19.18°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1030.064

σ = 61.883

min = mean - 0.125 σ = 1022.329

max = mean + 0.75 σ = 1076.477

Azimuth = 85.24°

Elevation = 63.12°

Hour Angle = -02:05:27.04°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

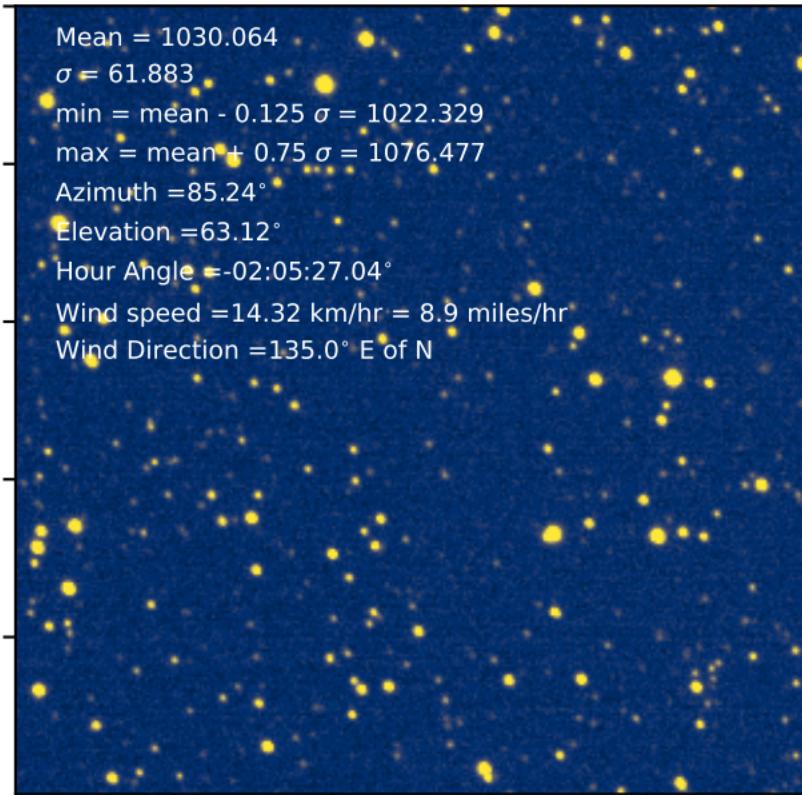
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200

400

600

800



0

Mean = 1030.156

σ = 61.641

min = mean - 0.125 σ = 1022.451

max = mean + 0.75 σ = 1076.386

Azimuth = 85.32°

Elevation = 63.29°

Hour Angle = -02:04:38.91°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

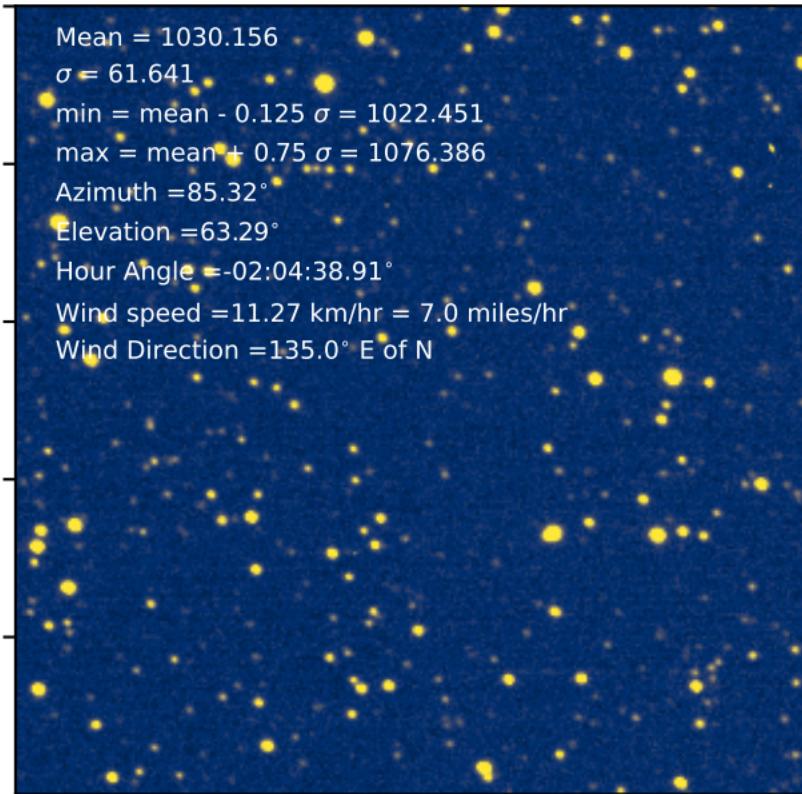
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200

400

600

800



0

Mean = 1031.848

σ = 72.716

min = mean - 0.125 σ = 1022.758

max = mean + 0.75 σ = 1086.385

Azimuth = 85.39°

Elevation = 63.46°

Hour Angle = -02:03:51.78°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

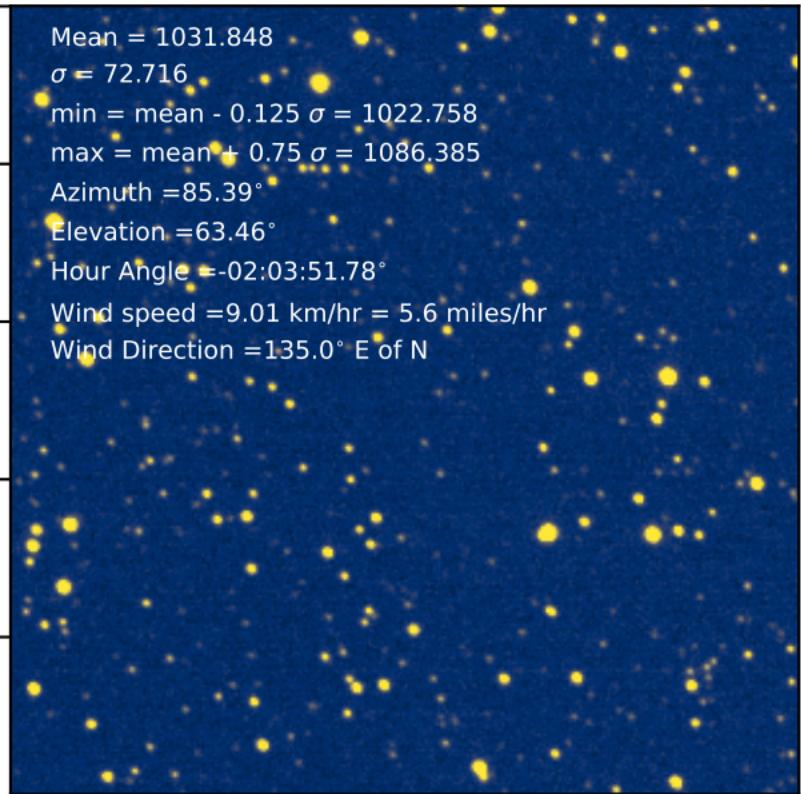
0

200

400

600

800



0

Mean = 1031.625

σ = 72.821

min = mean - 0.125 σ = 1022.523

max = mean + 0.75 σ = 1086.241

Azimuth = 85.47°

Elevation = 63.63°

Hour Angle = -02:03:03.65°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

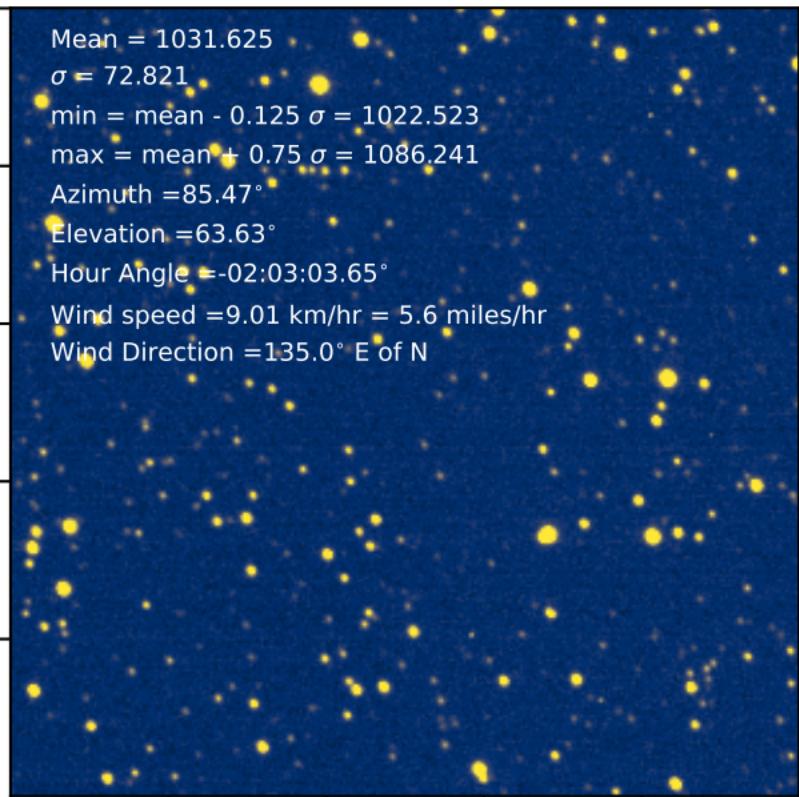
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200

400

600

800



0

Mean = 1029.778

σ = 62.339

min = mean - 0.125 σ = 1021.986

max = mean + 0.75 σ = 1076.532

Azimuth = 85.55°

Elevation = 63.81°

Hour Angle = -02:02:12.51°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

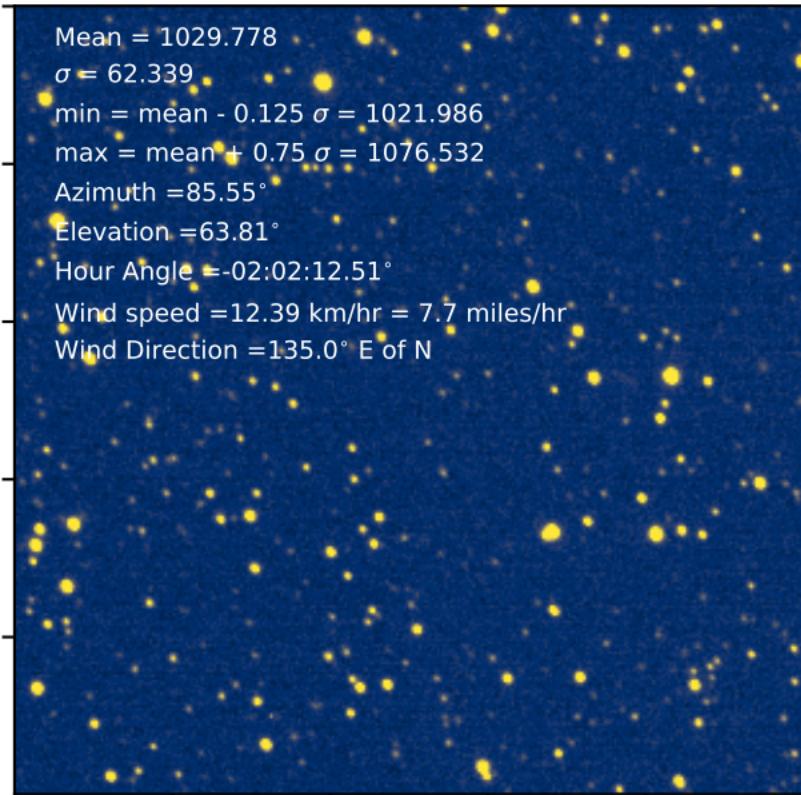
0

200

400

600

800



0

Mean = 1022.203

σ = 62.464

min = mean - 0.125 σ = 1014.395

max = mean + 0.75 σ = 1069.05

Azimuth = 85.63°

Elevation = 63.97°

Hour Angle = -02:01:26.38°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

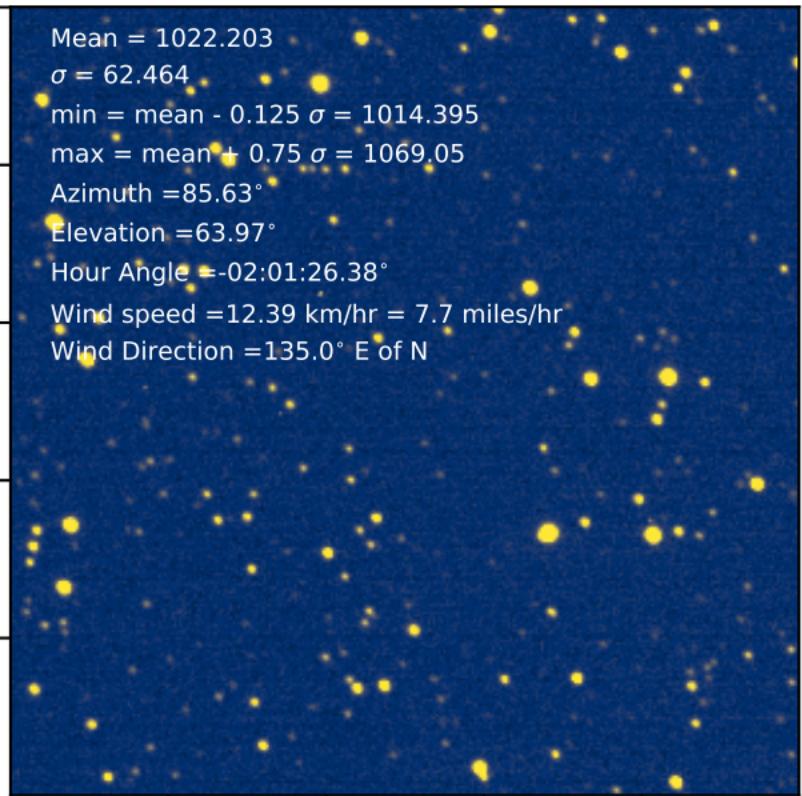
0

200

400

600

800



0

Mean = 1022.178

σ = 62.119

min = mean - 0.125 σ = 1014.413

max = mean + 0.75 σ = 1068.767

Azimuth = 85.71°

Elevation = 64.14°

Hour Angle = -02:00:37.25°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

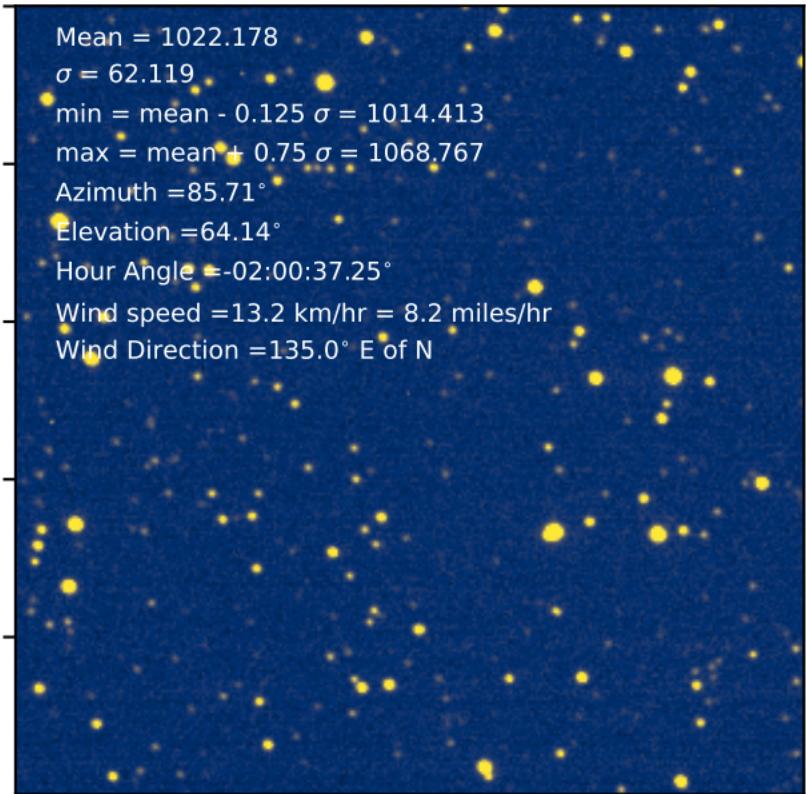
0

200

400

600

800



0

Mean = 1030.238

σ = 61.178

min = mean - 0.125 σ = 1022.591

max = mean + 0.75 σ = 1076.122

Azimuth = 85.79°

Elevation = 64.33°

Hour Angle = -01:59:45.10°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

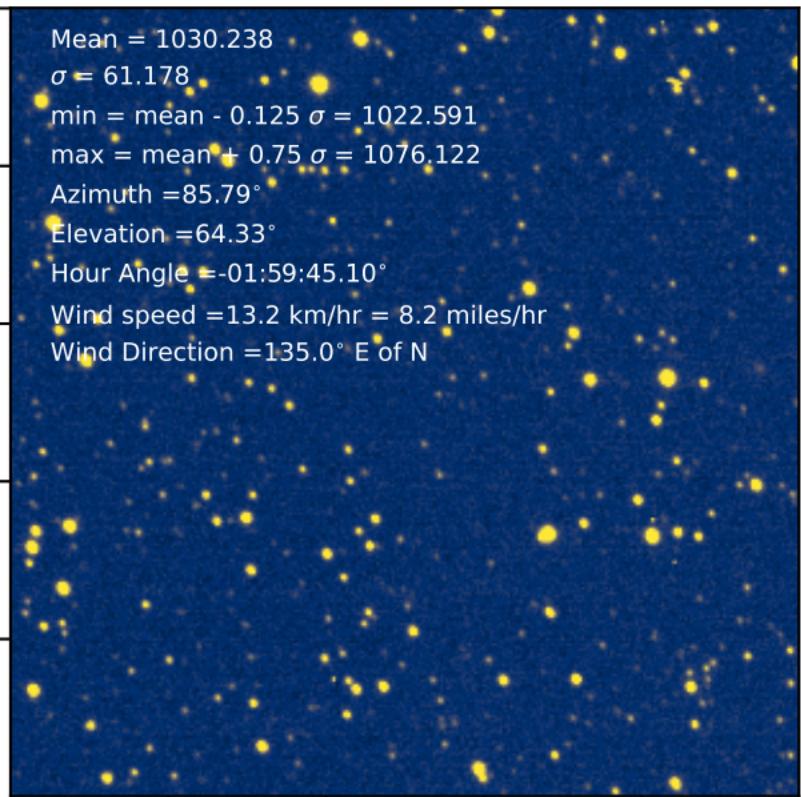
0

200

400

600

800



0

Mean = 1029.831

σ = 61.668

min = mean - 0.125 σ = 1022.123

max = mean + 0.75 σ = 1076.082

Azimuth = 85.87°

Elevation = 64.49°

Hour Angle = -01:59:00.98°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

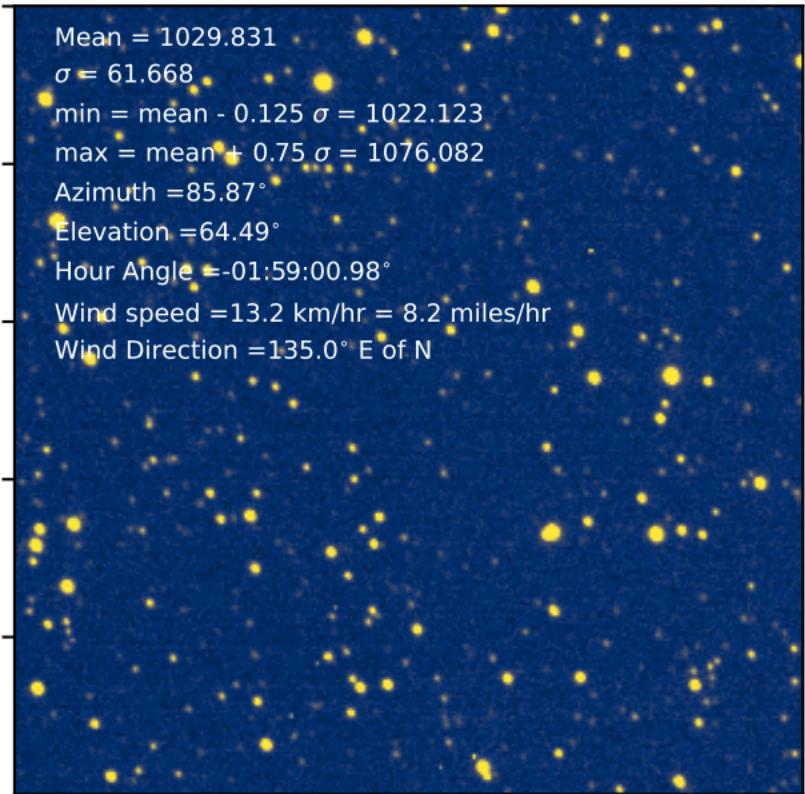
0

200

400

600

800



0

Mean = 1021.732

σ = 62.741

min = mean - 0.125 σ = 1013.889

max = mean + 0.75 σ = 1068.788

Azimuth = 85.94°

Elevation = 64.65°

Hour Angle = -01:58:14.86°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

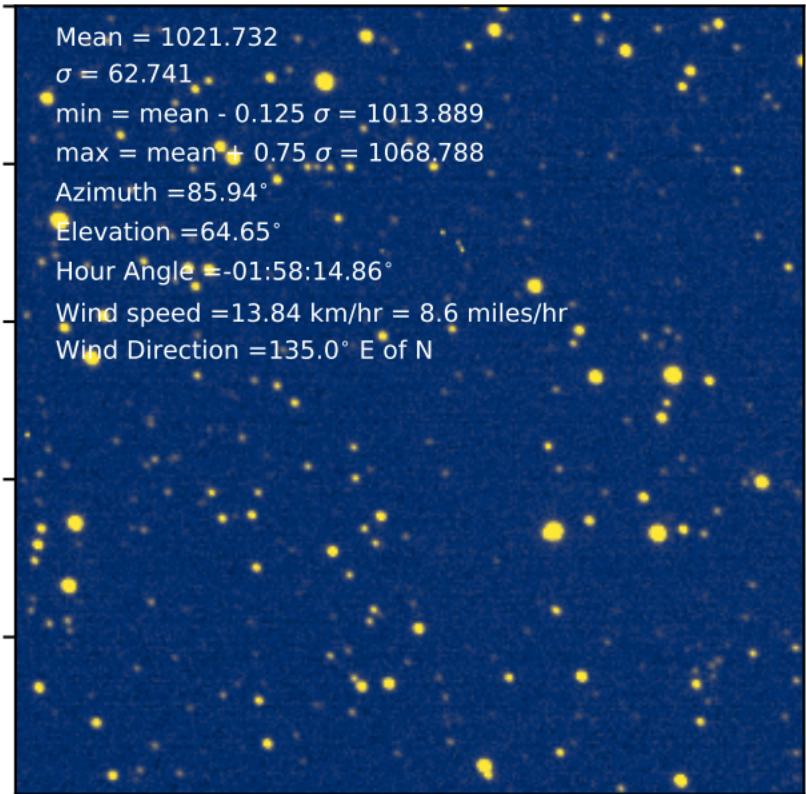
0

200

400

600

800



0

Mean = 1029.492

σ = 61.706

min = mean - 0.125 σ = 1021.779

max = mean + 0.75 σ = 1075.772

Azimuth = 86.03°

Elevation = 64.83°

Hour Angle = -01:57:22.71°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

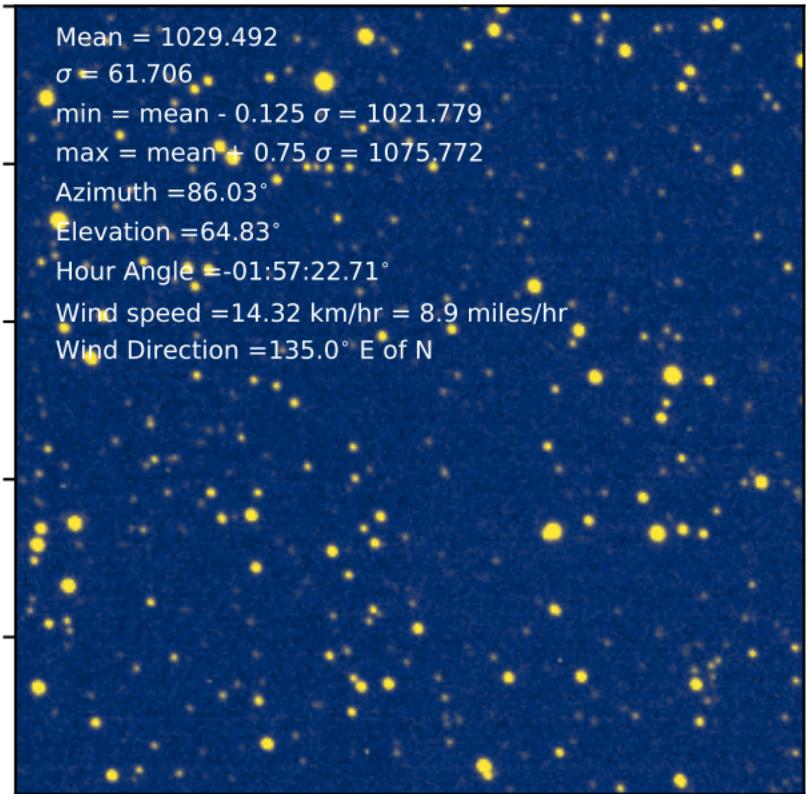
0

200

400

600

800



0

Mean = 1030.821

σ = 72.845

min = mean - 0.125 σ = 1021.715

max = mean + 0.75 σ = 1085.455

Azimuth = 86.11°

Elevation = 65.0°

Hour Angle = -01:56:35.59°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

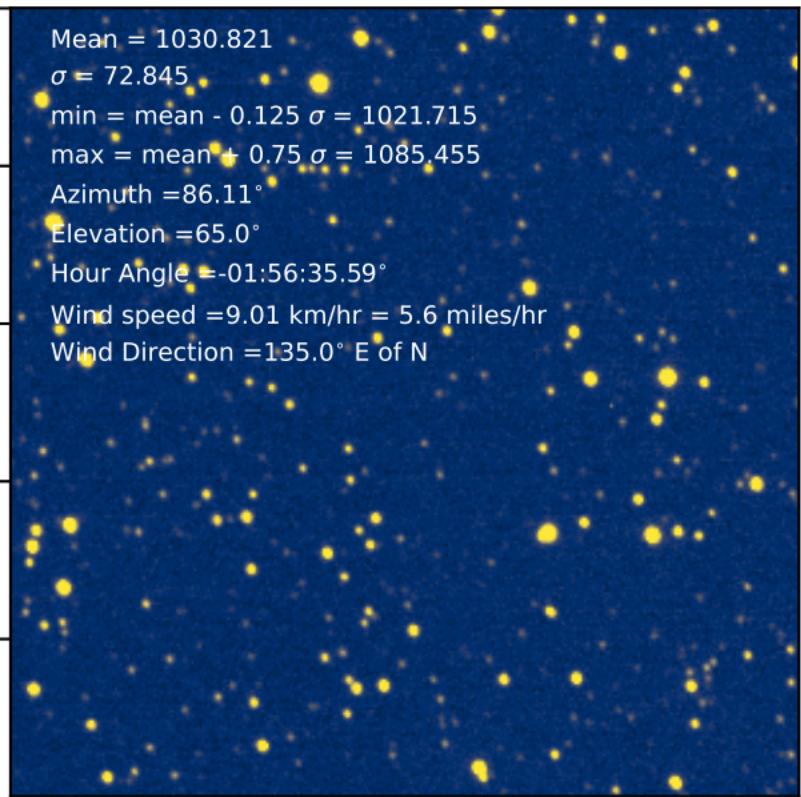
0

200

400

600

800



0

Mean = 1021.420

σ = 62.821

min = mean - 0.125 σ = 1013.567

max = mean + 0.75 σ = 1068.536

Azimuth = 86.2°

Elevation = 65.18°

Hour Angle = -01:55:43.44°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

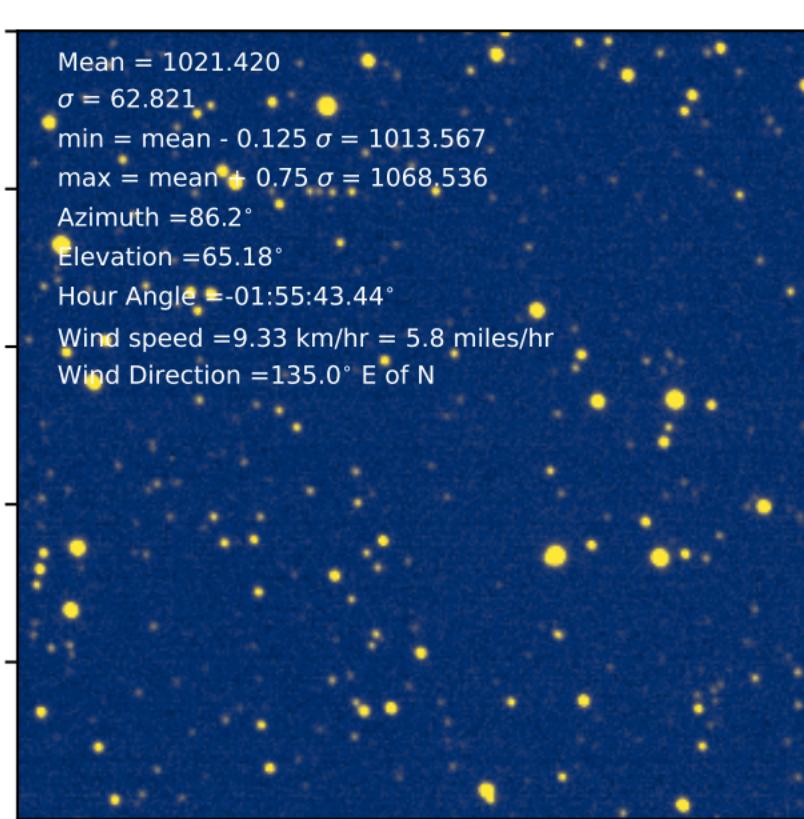
0

200

400

600

800



0

Mean = 1029.374

σ = 61.855

min = mean - 0.125 σ = 1021.643

max = mean + 0.75 σ = 1075.766

Azimuth = 86.28°

Elevation = 65.37°

Hour Angle = -01:54:51.30°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

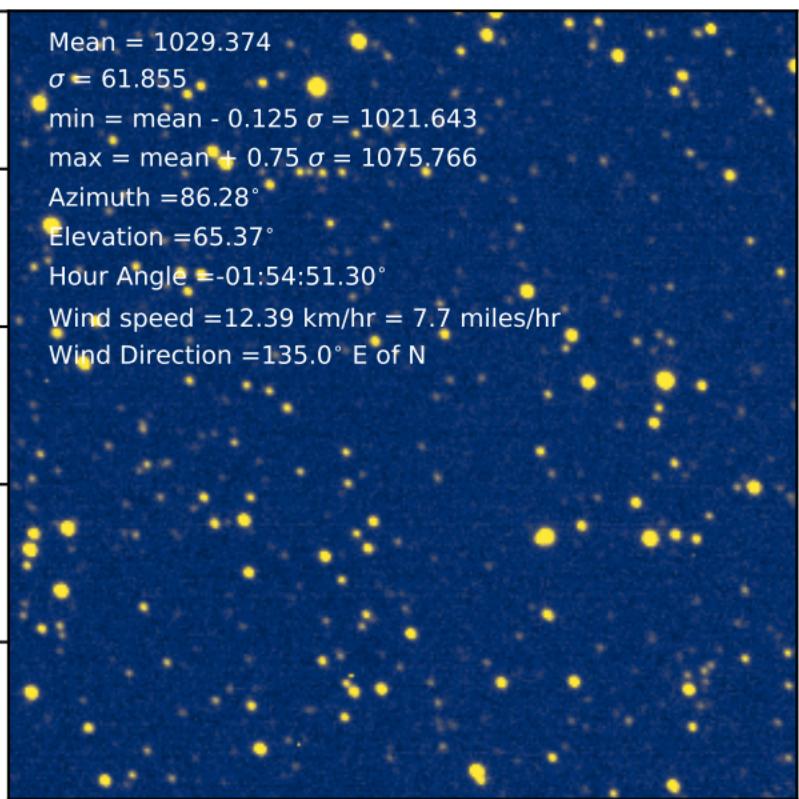
0

200

400

600

800



0

Mean = 1030.834

σ = 72.449

min = mean - 0.125 σ = 1021.778

max = mean + 0.75 σ = 1085.171

Azimuth = 86.36°

Elevation = 65.53°

Hour Angle = -01:54:04.17°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

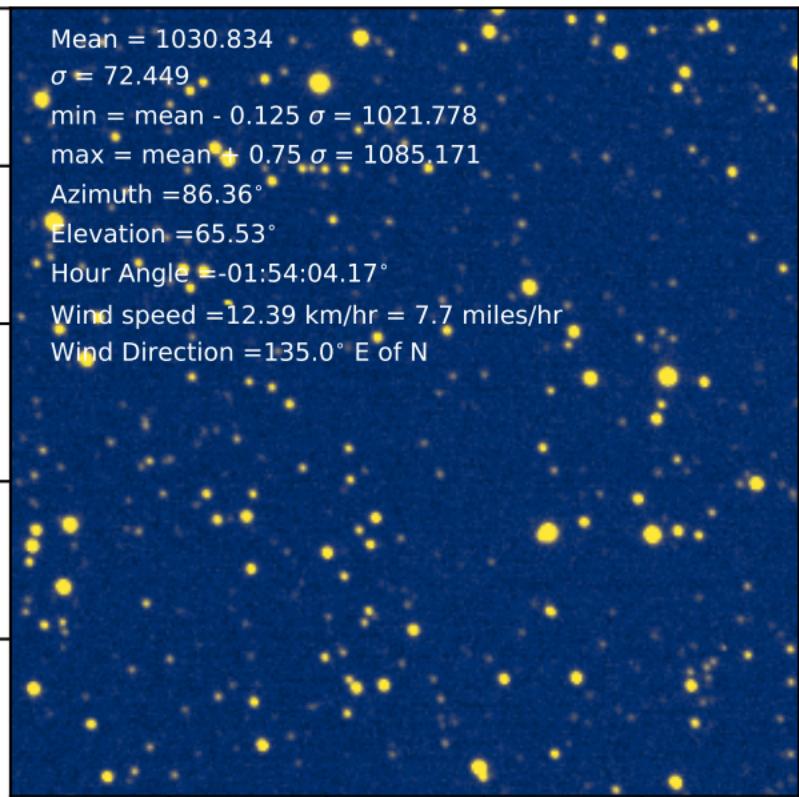
0

200

400

600

800



0

Mean = 1021.436

σ = 62.046

min = mean - 0.125 σ = 1013.681

max = mean + 0.75 σ = 1067.971

Azimuth = 86.45°

Elevation = 65.72°

Hour Angle = -01:53:11.03°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

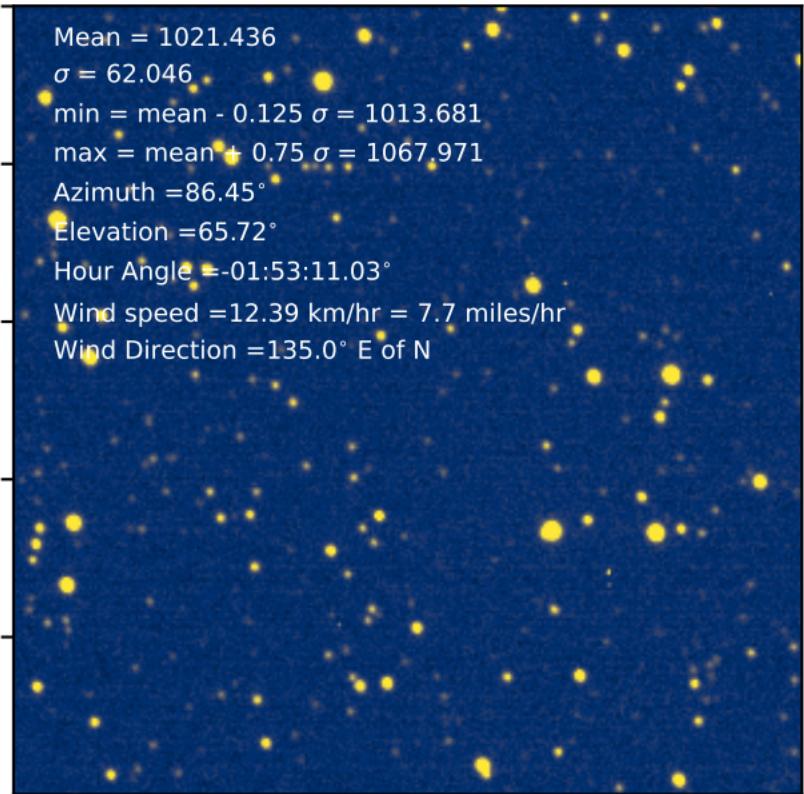
0

200

400

600

800



0

Mean = 1029.788

σ = 59.663

min = mean - 0.125 σ = 1022.33

max = mean + 0.75 σ = 1074.535

Azimuth = 86.54°

Elevation = 65.91°

Hour Angle = -01:52:18.88°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

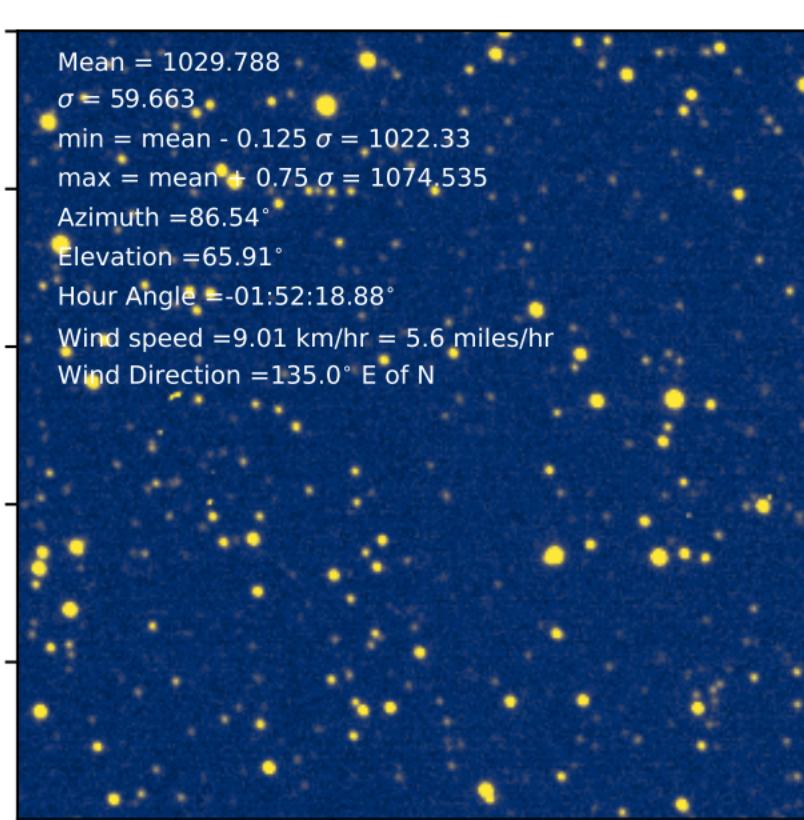
0

200

400

600

800



0

Mean = 1021.298

σ = 61.417

min = mean - 0.125 σ = 1013.621

max = mean + 0.75 σ = 1067.361

Azimuth = 86.62°

Elevation = 66.07°

Hour Angle = -01:51:32.76°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

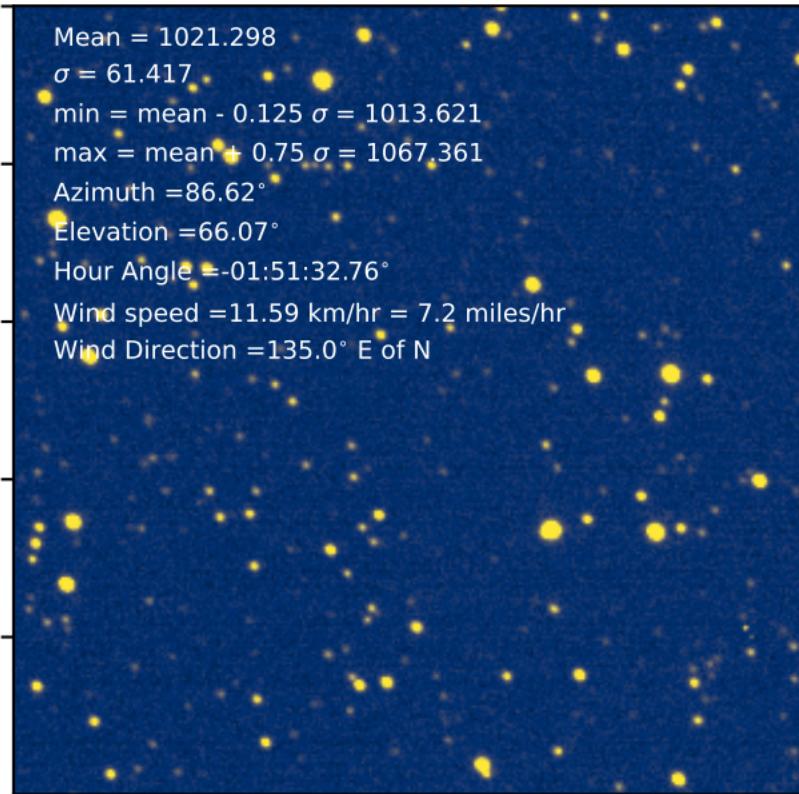
0

200

400

600

800



0

Mean = 1031.497

σ = 70.918

min = mean - 0.125 σ = 1022.632

max = mean + 0.75 σ = 1084.685

Azimuth = 86.71°

Elevation = 66.24°

Hour Angle = -01:50:43.62°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

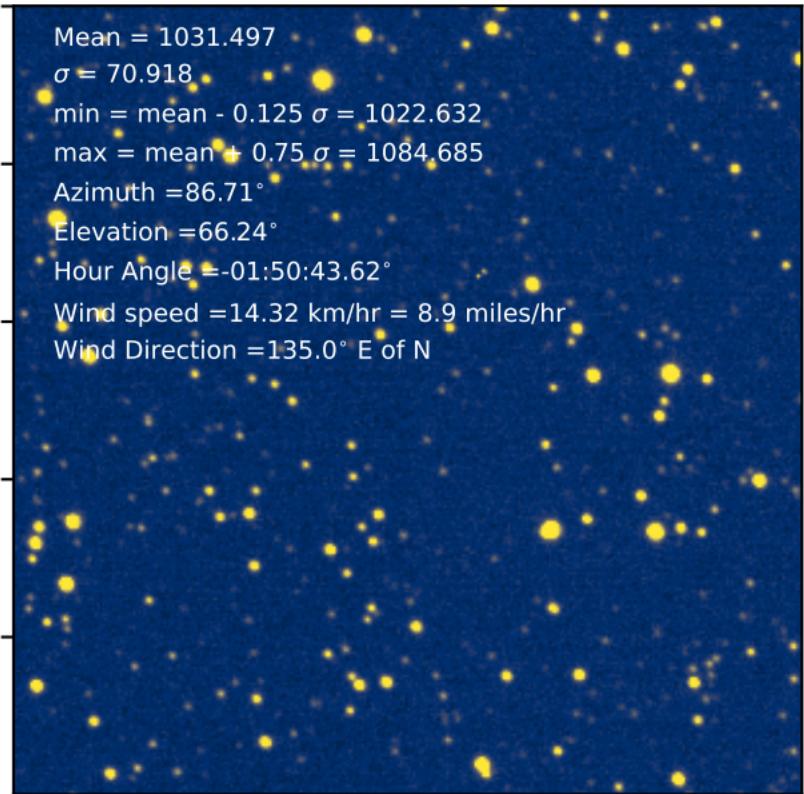
0

200

400

600

800



0

Mean = 1021.019

σ = 61.191

min = mean - 0.125 σ = 1013.37

max = mean + 0.75 σ = 1066.912

Azimuth = 86.8°

Elevation = 66.43°

Hour Angle = -01:49:50.48°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

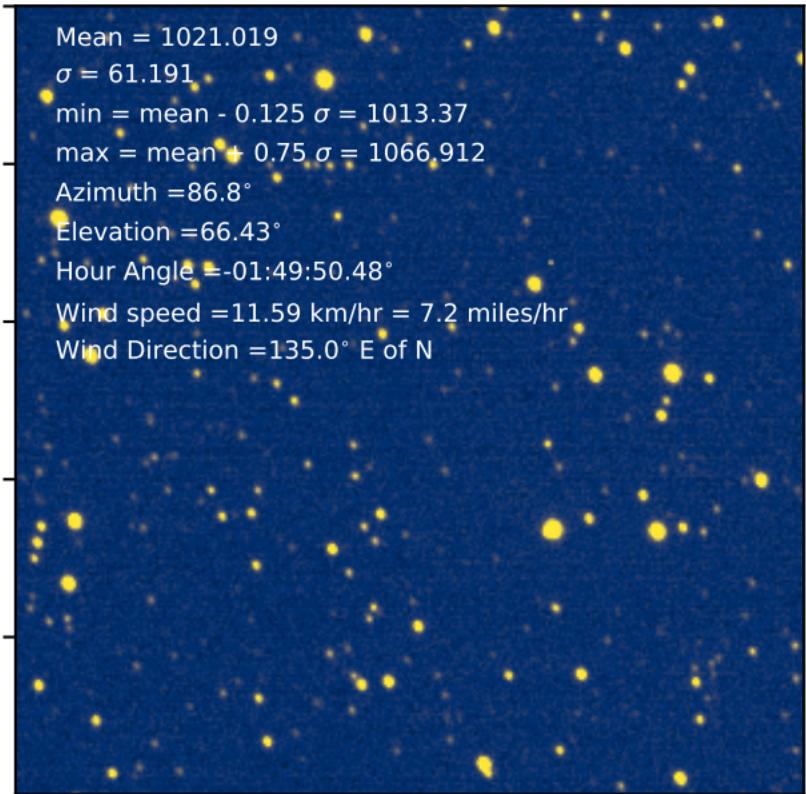
0

200

400

600

800



0

Mean = 1031.072

σ = 70.767

min = mean - 0.125 σ = 1022.226

max = mean + 0.75 σ = 1084.147

Azimuth = 86.89°

Elevation = 66.61°

Hour Angle = -01:49:00.34°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

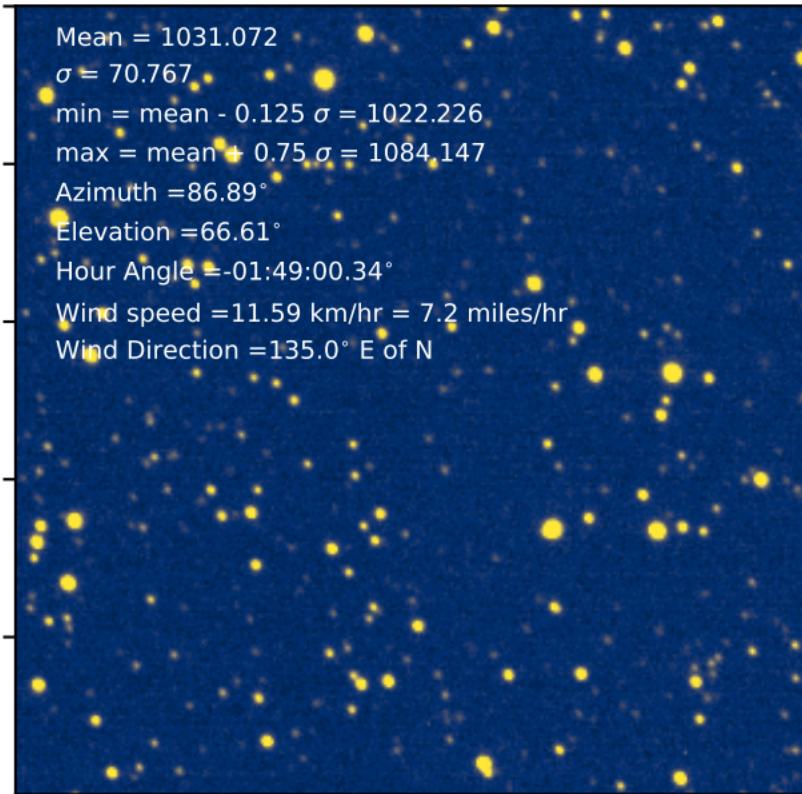
0

200

400

600

800



0

Mean = 1020.547

σ = 62.061

min = mean - 0.125 σ = 1012.79

max = mean + 0.75 σ = 1067.093

Azimuth = 86.98°

Elevation = 66.79°

Hour Angle = -01:48:08.20°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

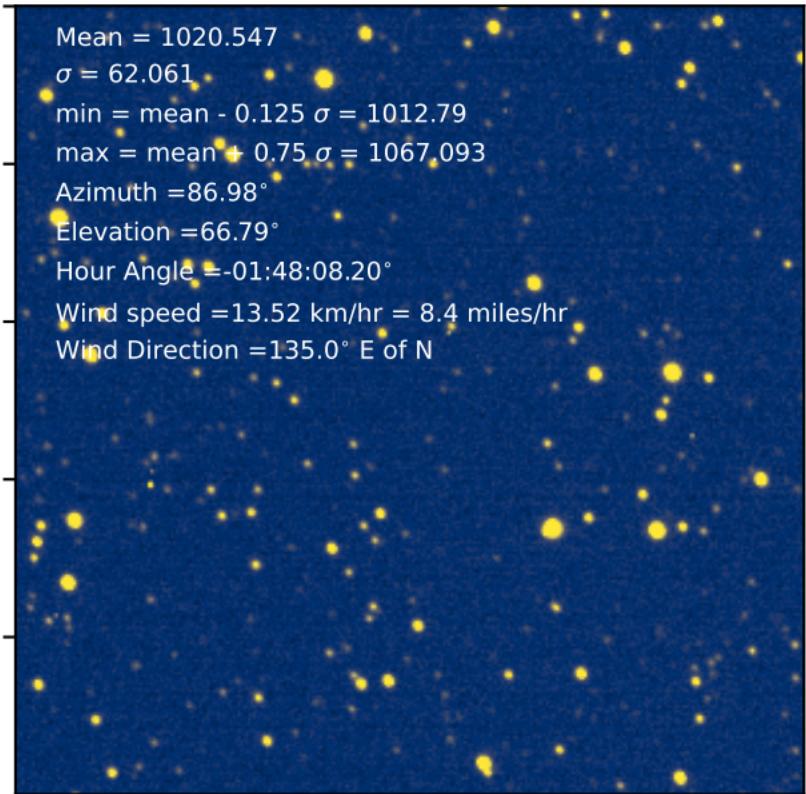
0

200

400

600

800



0

Mean = 1028.606

σ = 59.723

min = mean - 0.125 σ = 1021.141

max = mean + 0.75 σ = 1073.398

Azimuth = 87.36°

Elevation = 67.57°

Hour Angle = -01:44:30.61°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

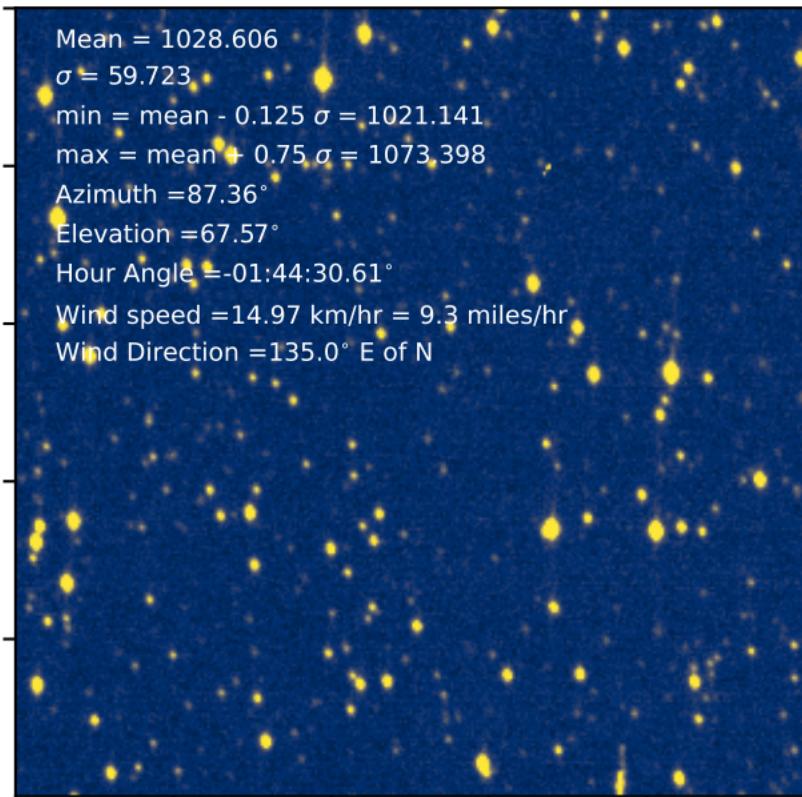
0

200

400

600

800



0

Mean = 1019.804

σ = 62.977

min = mean - 0.125 σ = 1011.932

max = mean + 0.75 σ = 1067.037

Azimuth = 87.45°

Elevation = 67.74°

Hour Angle = -01:43:41.47°

Wind speed = 16.58 km/hr = 10.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

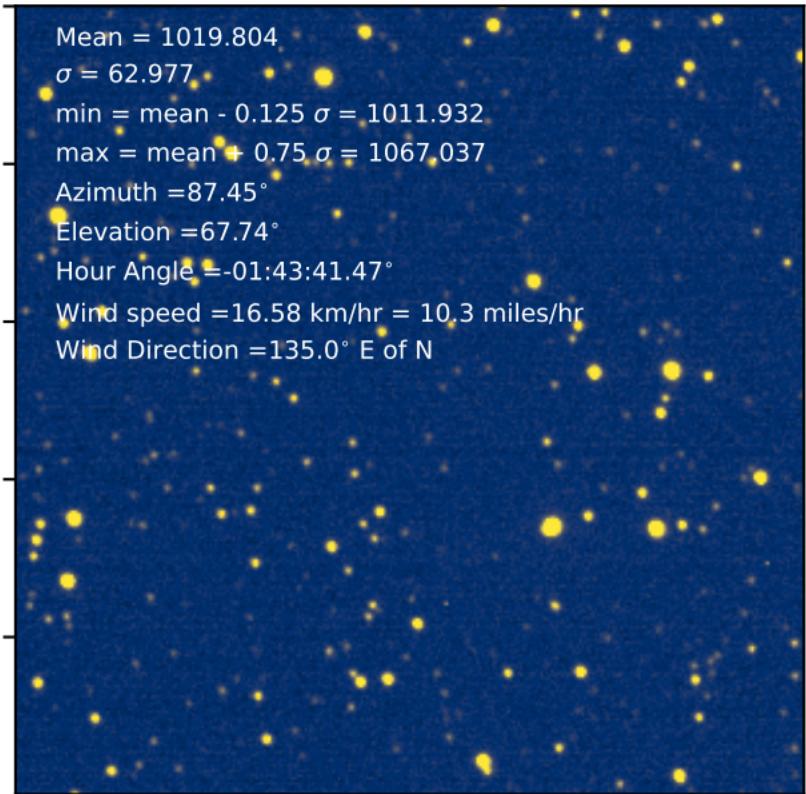
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200

400

600

800



0

Mean = 1028.326

σ = 62.131

min = mean - 0.125 σ = 1020.56

max = mean + 0.75 σ = 1074.924

Azimuth = 87.54°

Elevation = 67.92°

Hour Angle = -01:42:49.33°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

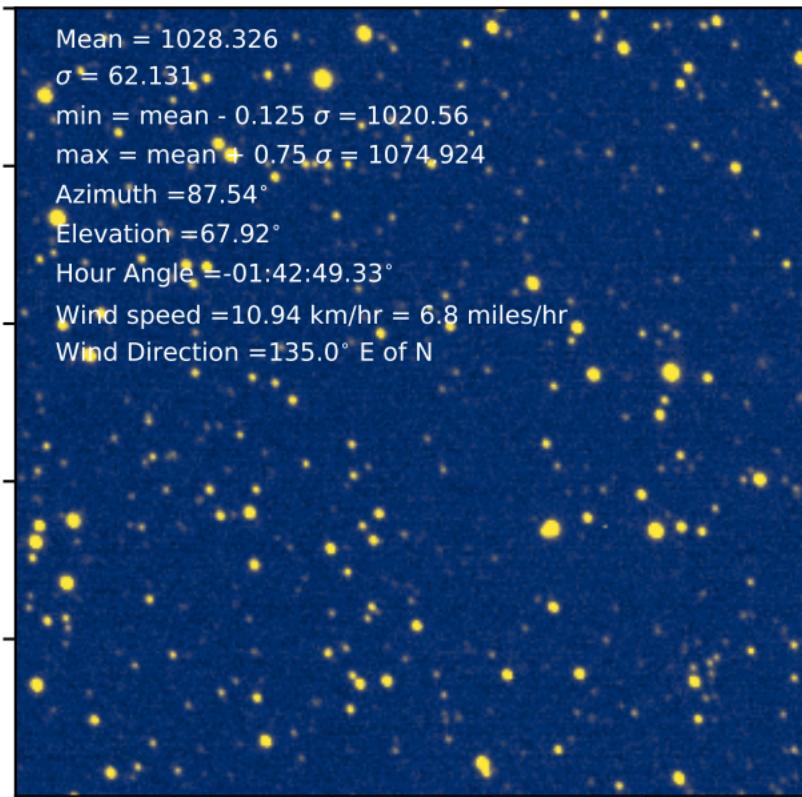
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200

400

600

800



0

Mean = 1028.216

σ = 61.796

min = mean - 0.125 σ = 1020.491

max = mean + 0.75 σ = 1074.563

Azimuth = 87.63°

Elevation = 68.09°

Hour Angle = -01:42:01.20°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

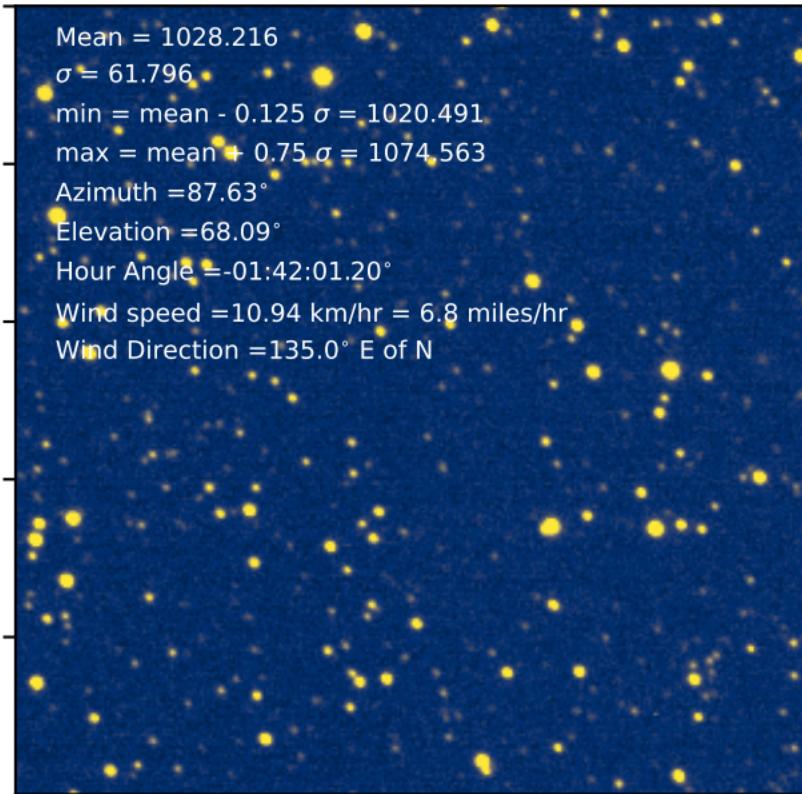
0

200

400

600

800



0

Mean = 1029.118

σ = 72.870

min = mean - 0.125 σ = 1020.009

max = mean + 0.75 σ = 1083.77

Azimuth = 87.72°

Elevation = 68.26°

Hour Angle = -01:41:14.07°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

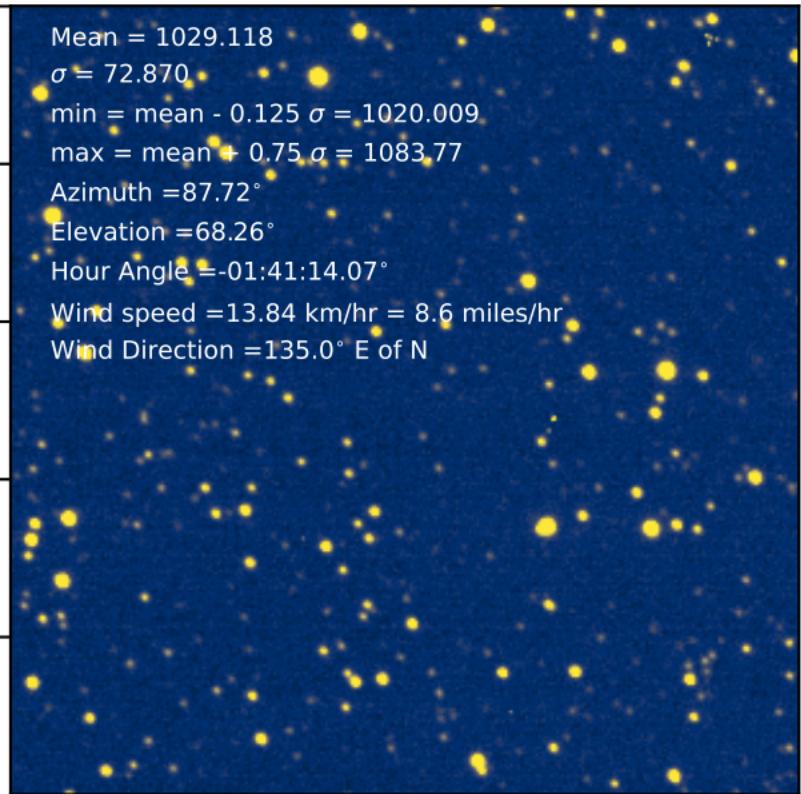
0

200

400

600

800



0

Mean = 1019.478

σ = 62.826

min = mean - 0.125 σ = 1011.624

max = mean + 0.75 σ = 1066.597

Azimuth = 87.81°

Elevation = 68.45°

Hour Angle = -01:40:21.93°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

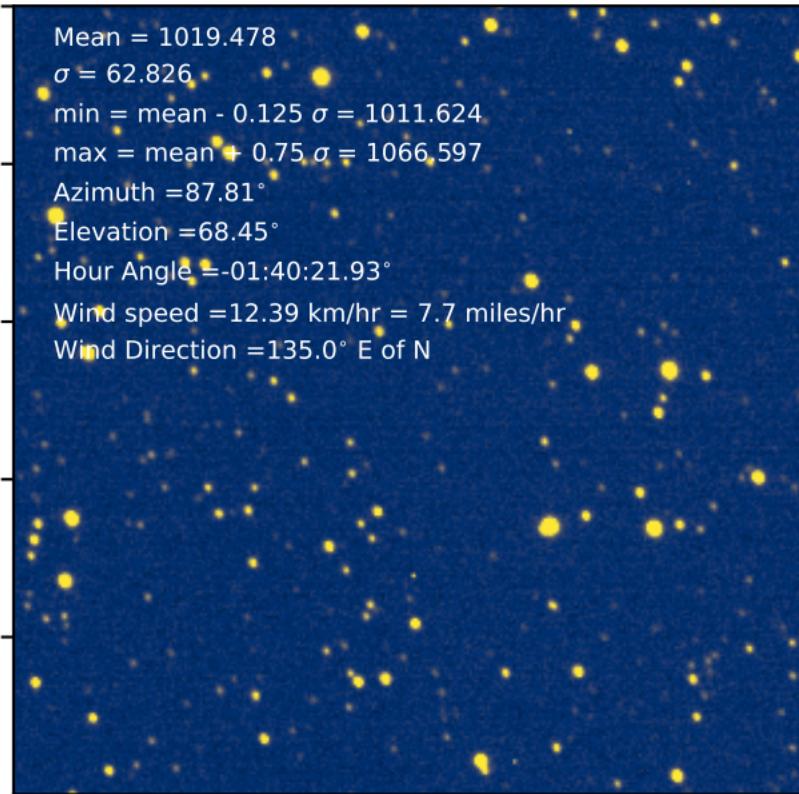
0

200

400

600

800



0

Mean = 1029.094

σ = 71.534

min = mean - 0.125 σ = 1020.152

max = mean + 0.75 σ = 1082.744

Azimuth = 87.9°

Elevation = 68.62°

Hour Angle = -01:39:32.79°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

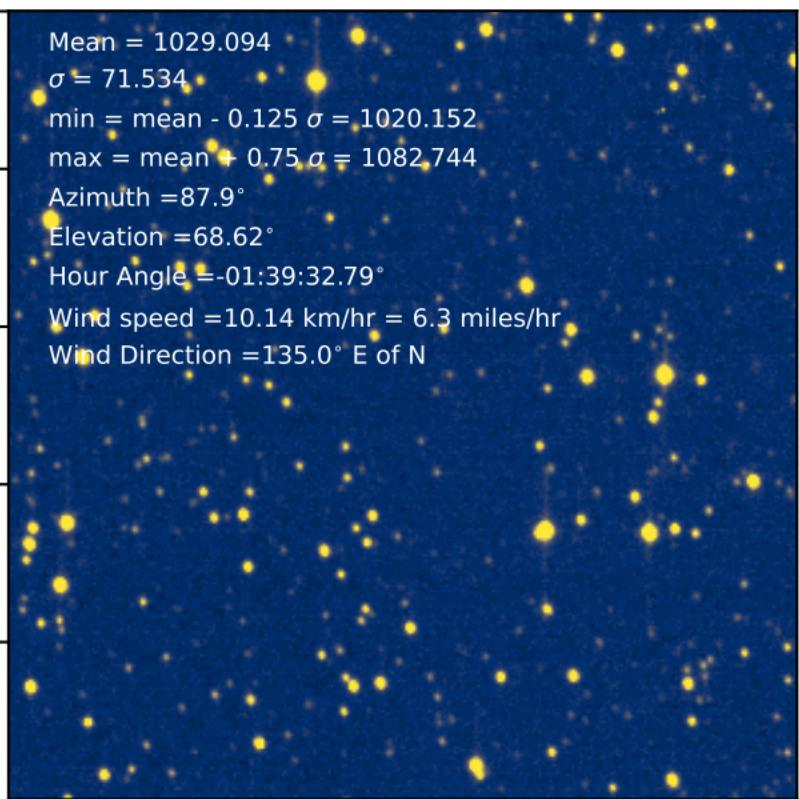
0

200

400

600

800



0

Mean = 1019.512

σ = 62.541

min = mean - 0.125 σ = 1011.695

max = mean + 0.75 σ = 1066.419

Azimuth = 88.0°

Elevation = 68.81°

Hour Angle = -01:38:39.65°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

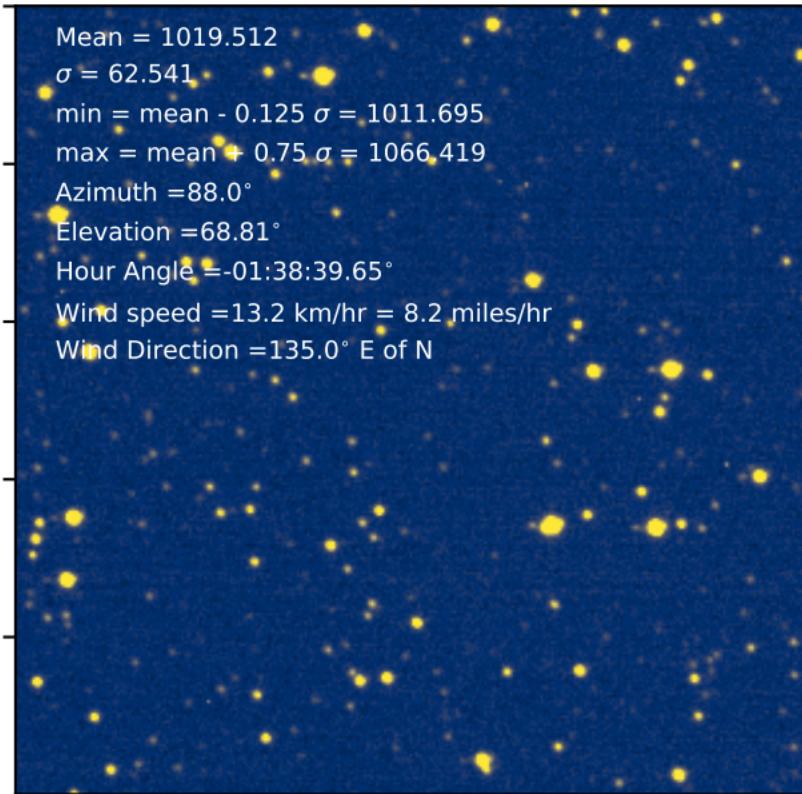
0

200

400

600

800



0

Mean = 1019.708

σ = 61.310

min = mean - 0.125 σ = 1012.044

max = mean + 0.75 σ = 1065.69

Azimuth = 88.09°

Elevation = 68.98°

Hour Angle = -01:37:51.52°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

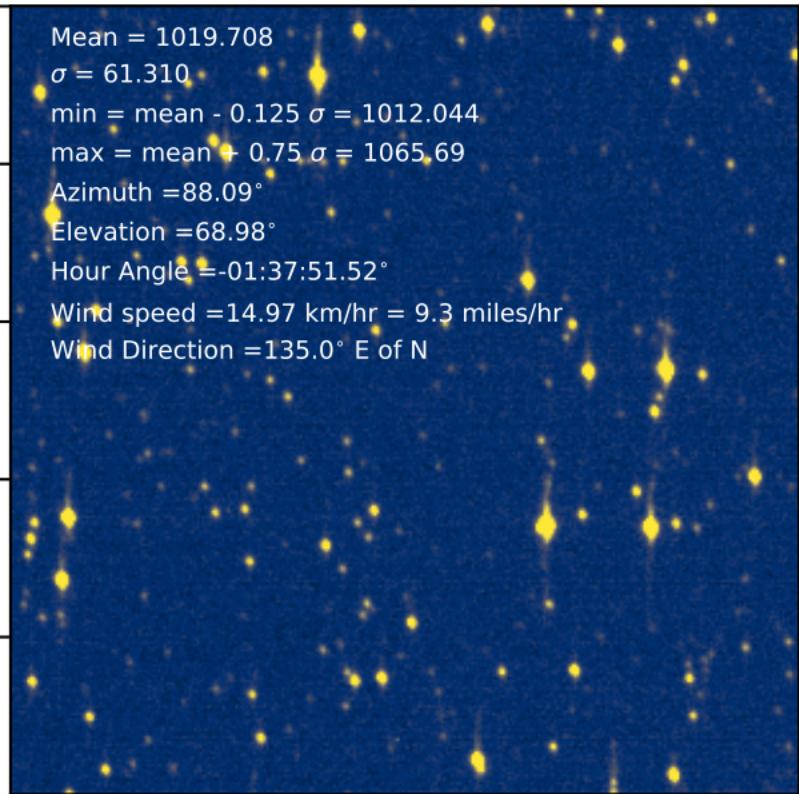
0

200

400

600

800



0

Mean = 1027.846

σ = 58.349

min = mean - 0.125 σ = 1020.553

max = mean + 0.75 σ = 1071.609

Azimuth = 88.19°

Elevation = 69.16°

Hour Angle = -01:36:59.37°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

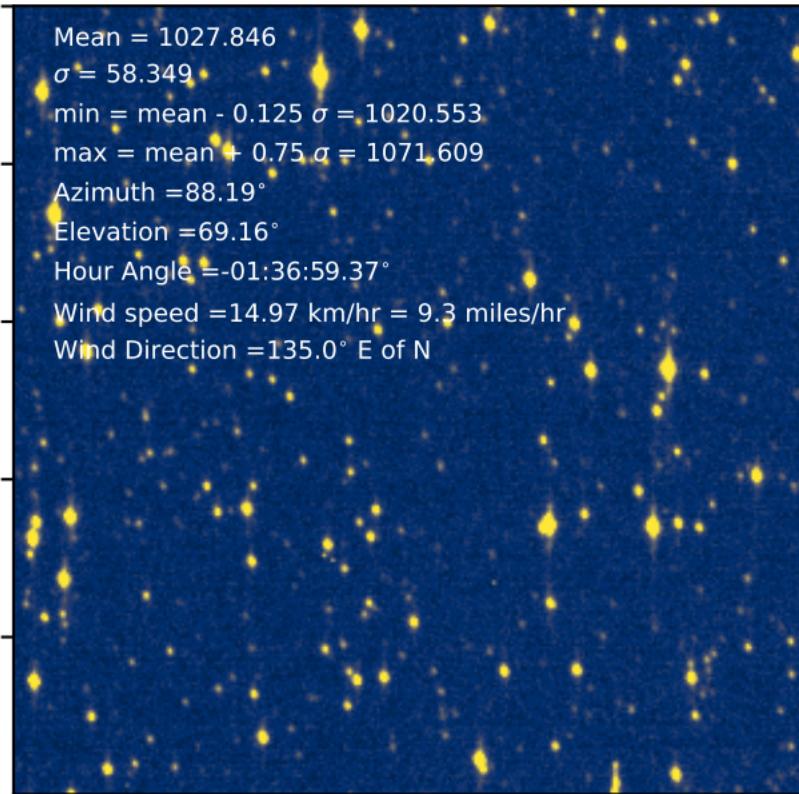
0

200

400

600

800



0

Mean = 1029.268

σ = 70.708

min = mean - 0.125 σ = 1020.429

max = mean + 0.75 σ = 1082.299

Azimuth = 88.28°

Elevation = 69.33°

Hour Angle = -01:36:12.25°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

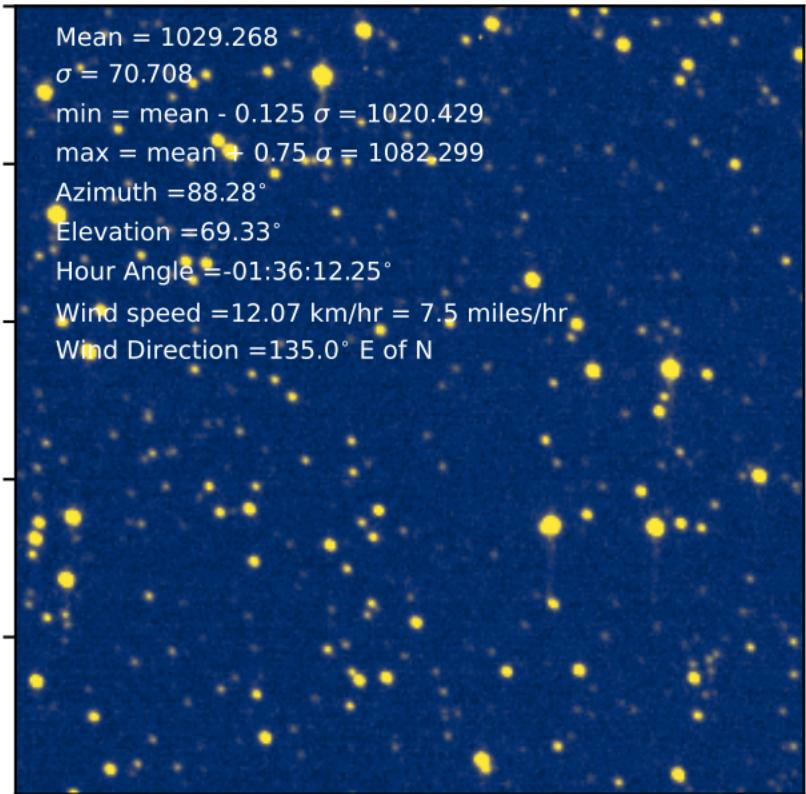
0

200

400

600

800



0

Mean = 1027.429

σ = 61.241

min = mean - 0.125 σ = 1019.774

max = mean + 0.75 σ = 1073.359

Azimuth = 88.39°

Elevation = 69.52°

Hour Angle = -01:35:18.10°

Wind speed = 19.15 km/hr = 11.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

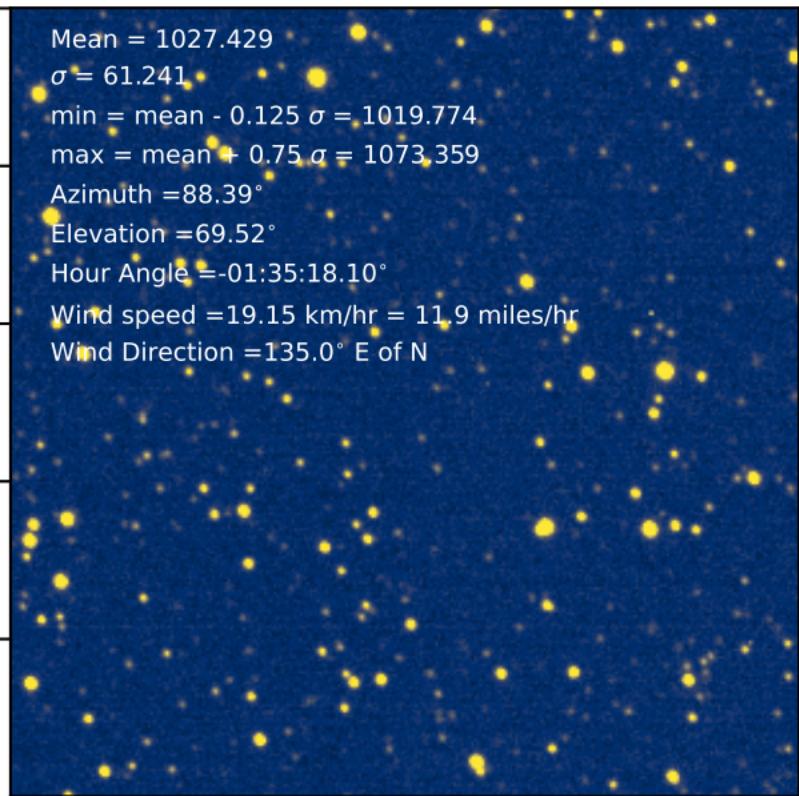
0

200

400

600

800



0

Mean = 1029.273

σ = 67.532

min = mean - 0.125 σ = 1020.832

max = mean + 0.75 σ = 1079.922

Azimuth = 88.48°

Elevation = 69.69°

Hour Angle = -01:34:30.97°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

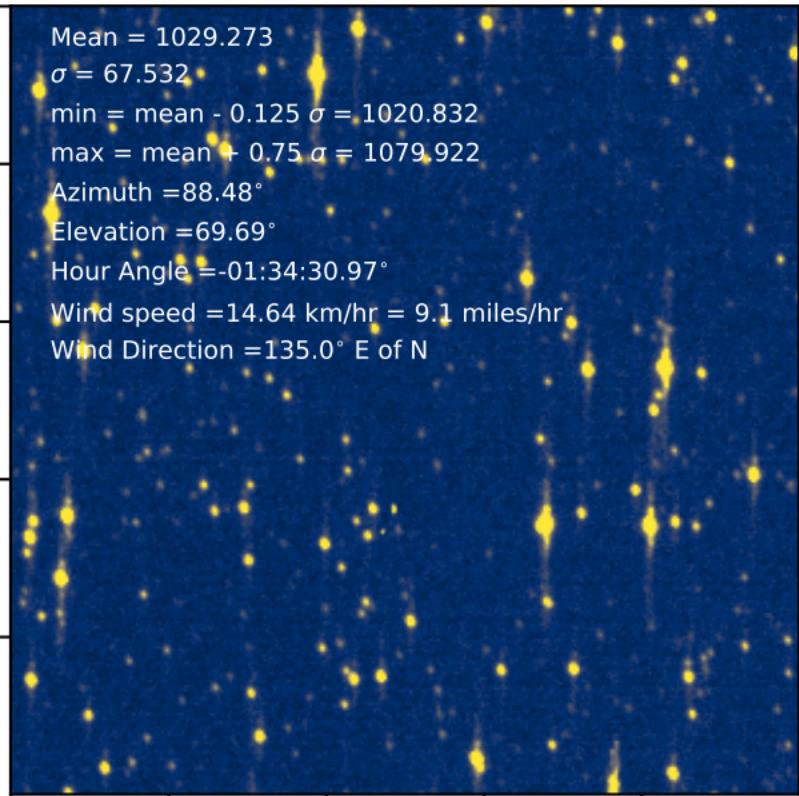
0

200

400

600

800



0

Mean = 1027.273

σ = 57.559

min = mean - 0.125 σ = 1020.079

max = mean + 0.75 σ = 1070.443

Azimuth = 88.58°

Elevation = 69.88°

Hour Angle = -01:33:36.82°

Wind speed = 16.58 km/hr = 10.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

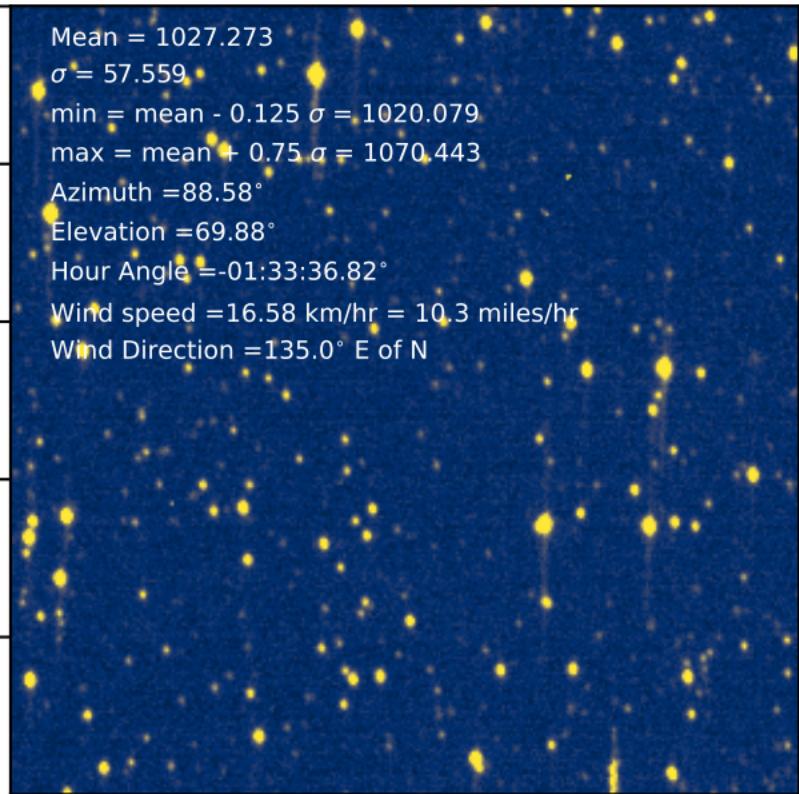
0

200

400

600

800



0

Mean = 1019.425

σ = 60.276

min = mean - 0.125 σ = 1011.89

max = mean + 0.75 σ = 1064.632

Azimuth = 88.67°

Elevation = 70.05°

Hour Angle = -01:32:50.70°

Wind speed = 20.28 km/hr = 12.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

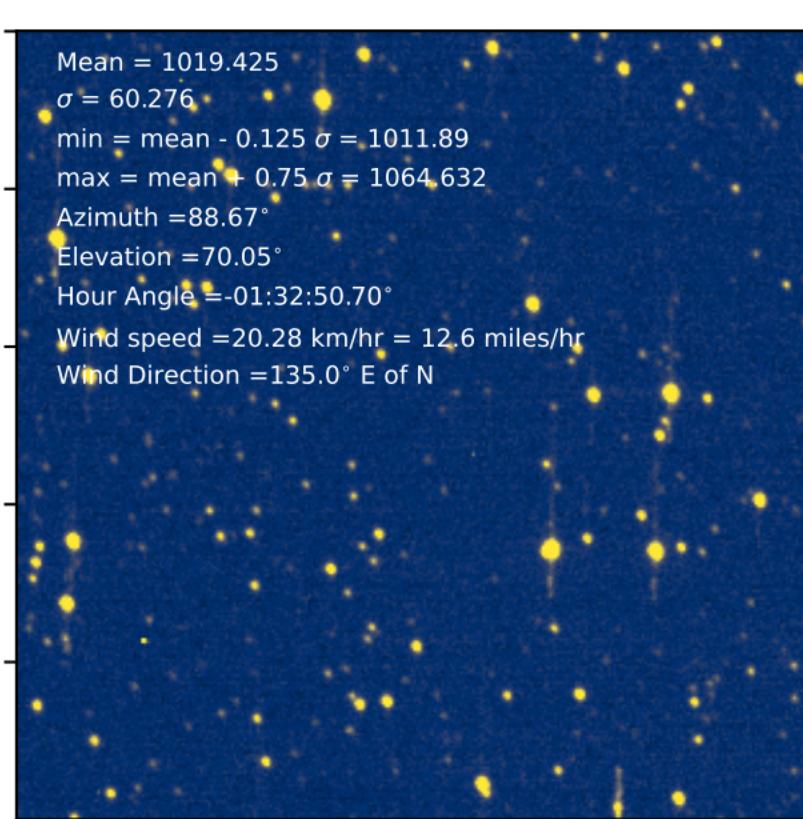
0

200

400

600

800



0

Mean = 1029.164

σ = 70.956

min = mean - 0.125 σ = 1020.295

max = mean + 0.75 σ = 1082.381

Azimuth = 88.77°

Elevation = 70.22°

Hour Angle = -01:32:01.56°

Wind speed = 20.28 km/hr = 12.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

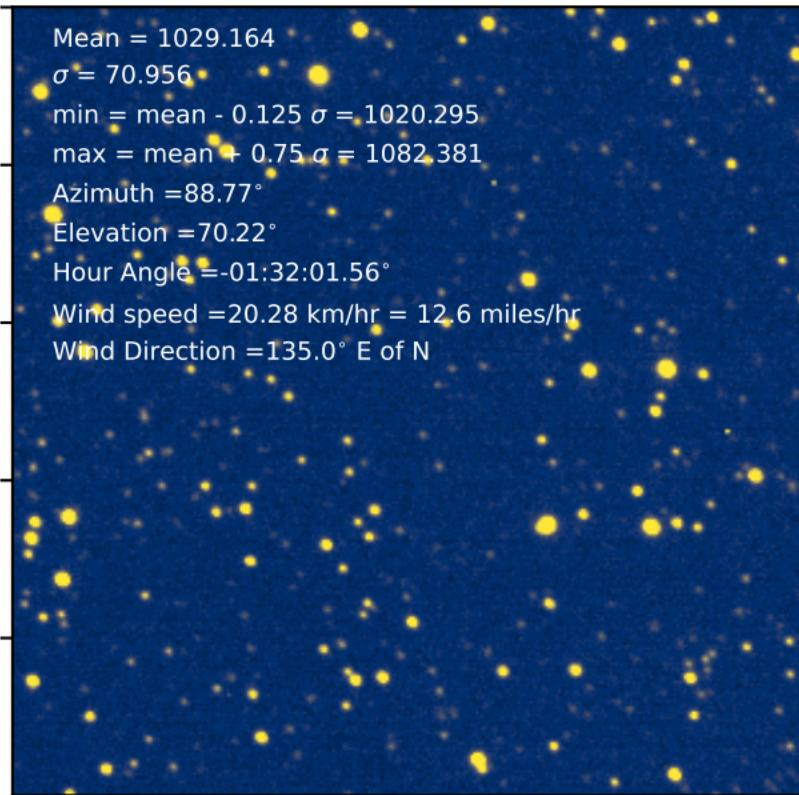
0

200

400

600

800



0

Mean = 1019.161

σ = 61.455

min = mean - 0.125 σ = 1011.479

max = mean + 0.75 σ = 1065.252

Azimuth = 88.87°

Elevation = 70.41°

Hour Angle = -01:31:08.42°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

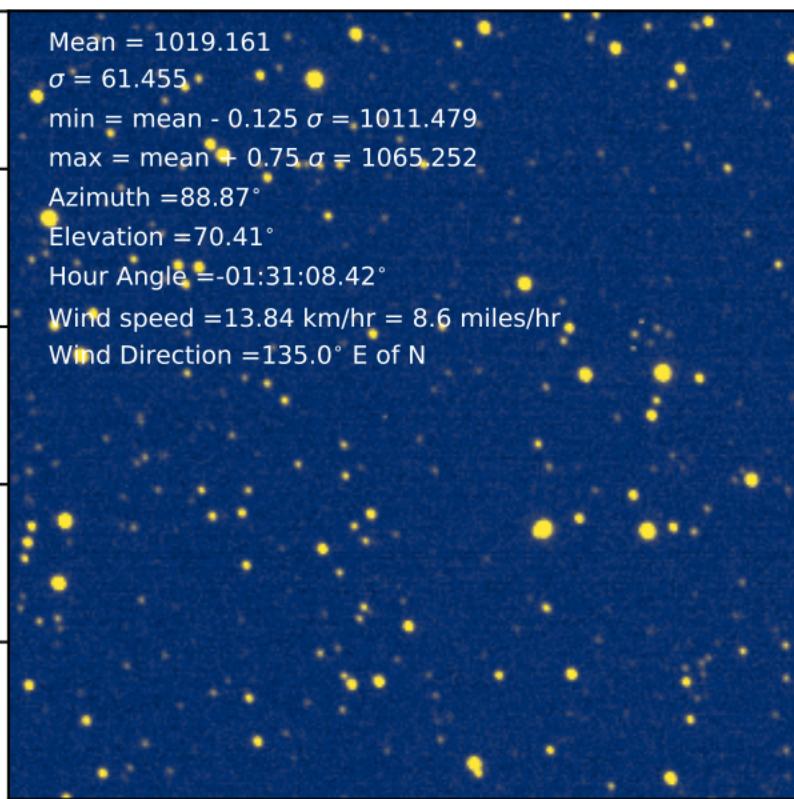
0

200

400

600

800



0

Mean = 1026.853

σ = 60.751

min = mean - 0.125 σ = 1019.259

max = mean + 0.75 σ = 1072.416

Azimuth = 88.98°

Elevation = 70.59°

Hour Angle = -01:30:16.27°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

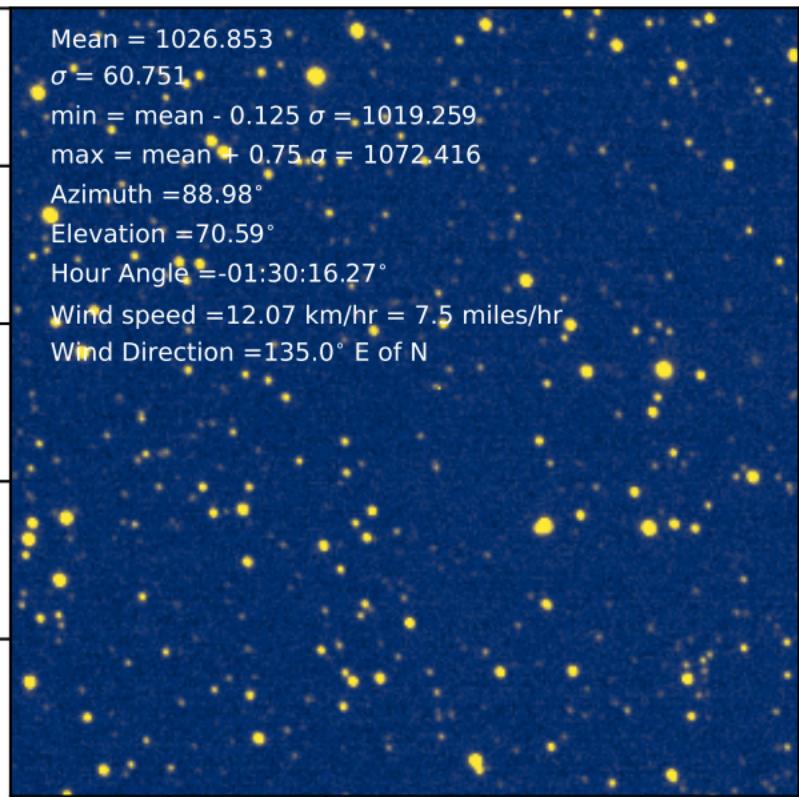
0

200

400

600

800



0

Mean = 1019.226

σ = 61.454

min = mean - 0.125 σ = 1011.545

max = mean + 0.75 σ = 1065.317

Azimuth = 89.08°

Elevation = 70.77°

Hour Angle = -01:29:26.14°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

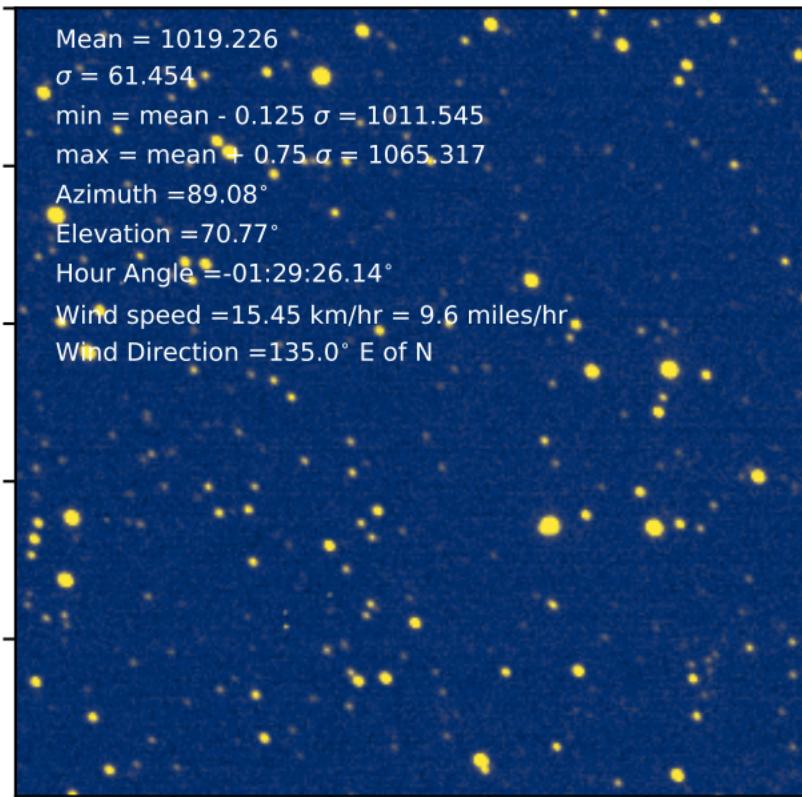
0

200

400

600

800



0

Mean = 1026.772

σ = 60.755

min = mean - 0.125 σ = 1019.177

max = mean + 0.75 σ = 1072.338

Azimuth = 89.19°

Elevation = 70.95°

Hour Angle = -01:28:33.99°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

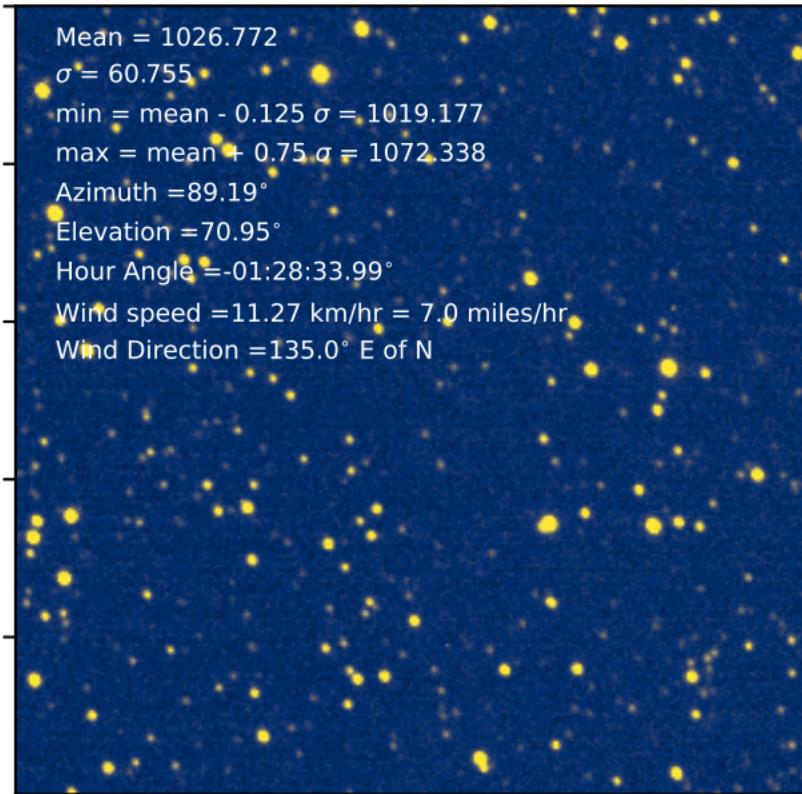
0

200

400

600

800



0

Mean = 1026.656

σ = 61.162

min = mean - 0.125 σ = 1019.01

max = mean + 0.75 σ = 1072.527

Azimuth = 89.29°

Elevation = 71.13°

Hour Angle = -01:27:44.86°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

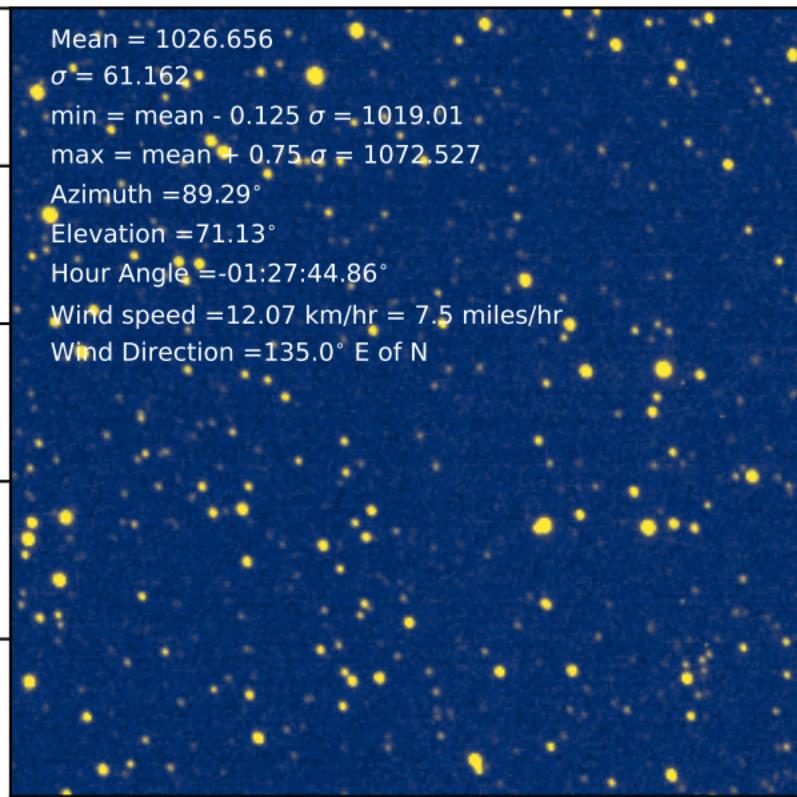
0

200

400

600

800



0

Mean = 1029.016

σ = 70.520

min = mean - 0.125 σ = 1020.201

max = mean + 0.75 σ = 1081.907

Azimuth = 89.38°

Elevation = 71.29°

Hour Angle = -01:26:58.73°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

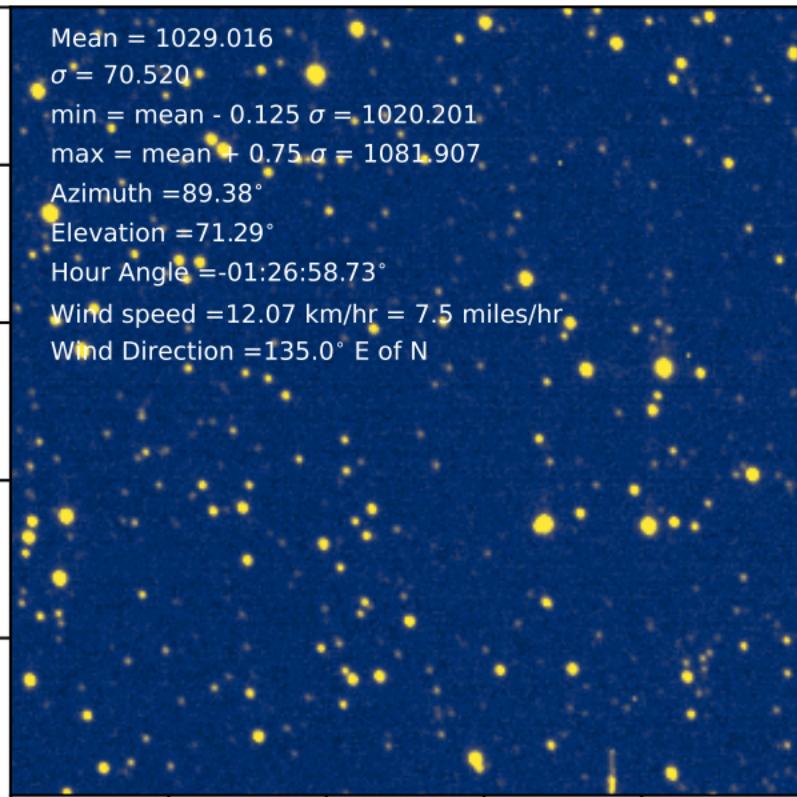
0

200

400

600

800



0

Mean = 1026.914

σ = 59.687

min = mean - 0.125 σ = 1019.453

max = mean + 0.75 σ = 1071.679

200

Azimuth = 89.5°

Elevation = 71.49°

Hour Angle = -01:26:03.58°

400

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

600

800

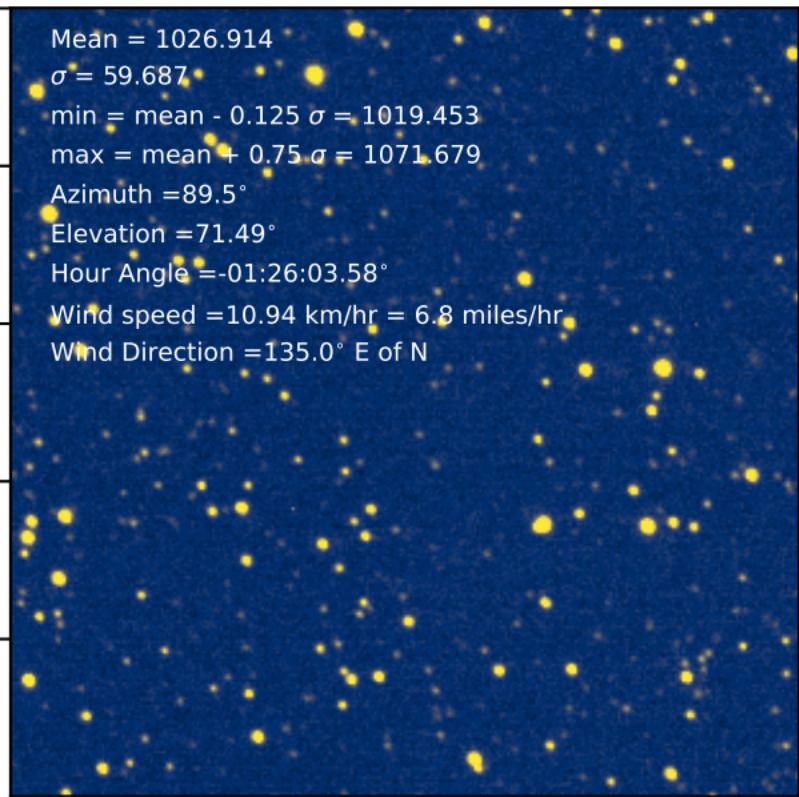
0

200

400

600

800



0

Mean = 1029.877

σ = 69.405

min = mean - 0.125 σ = 1021.202

max = mean + 0.75 σ = 1081.931

Azimuth = 89.6°

Elevation = 71.66°

Hour Angle = -01:25:16.46°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

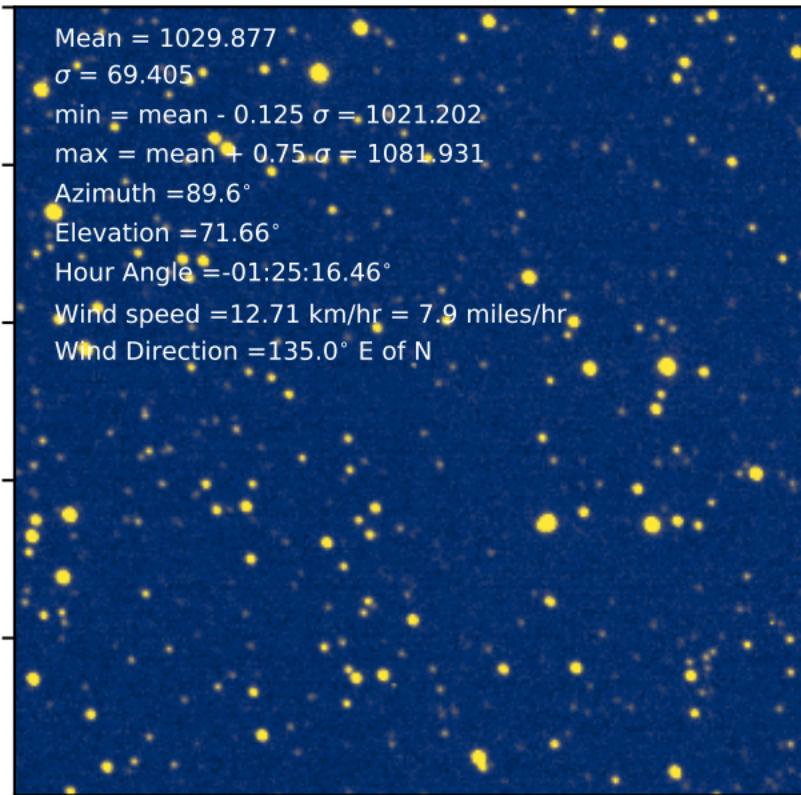
0

200

400

600

800



0

Mean = 1026.368

σ = 60.747

min = mean - 0.125 σ = 1018.775

max = mean + 0.75 σ = 1071.928

Azimuth = 89.71°

Elevation = 71.85°

Hour Angle = -01:24:22.31°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

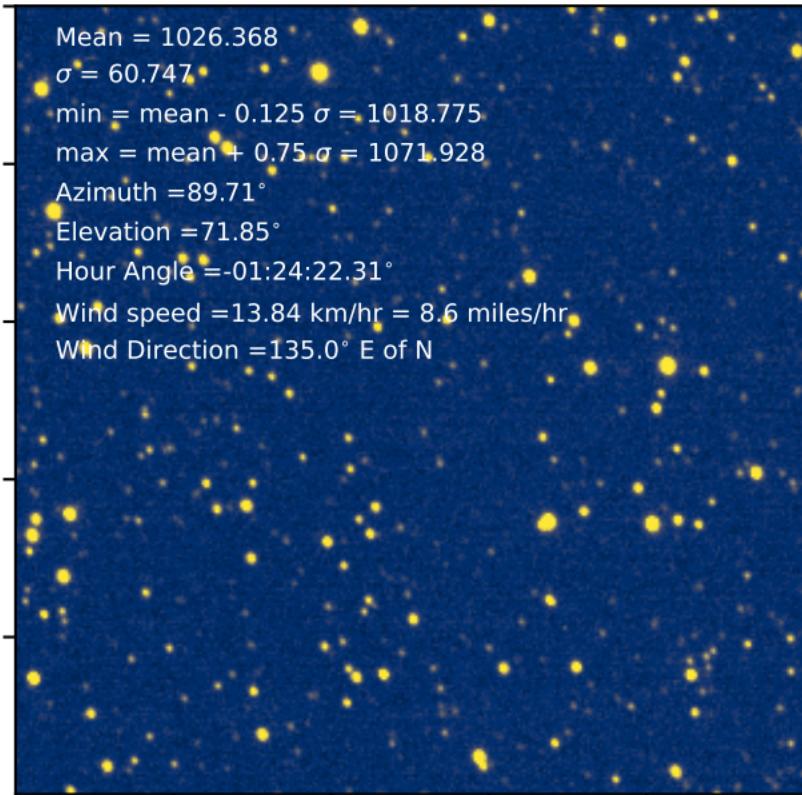
0

200

400

600

800



0

Mean = 1019.184

σ = 62.005

min = mean - 0.125 σ = 1011.433

max = mean + 0.75 σ = 1065.687

Azimuth = 89.81°

Elevation = 72.01°

Hour Angle = -01:23:36.18°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

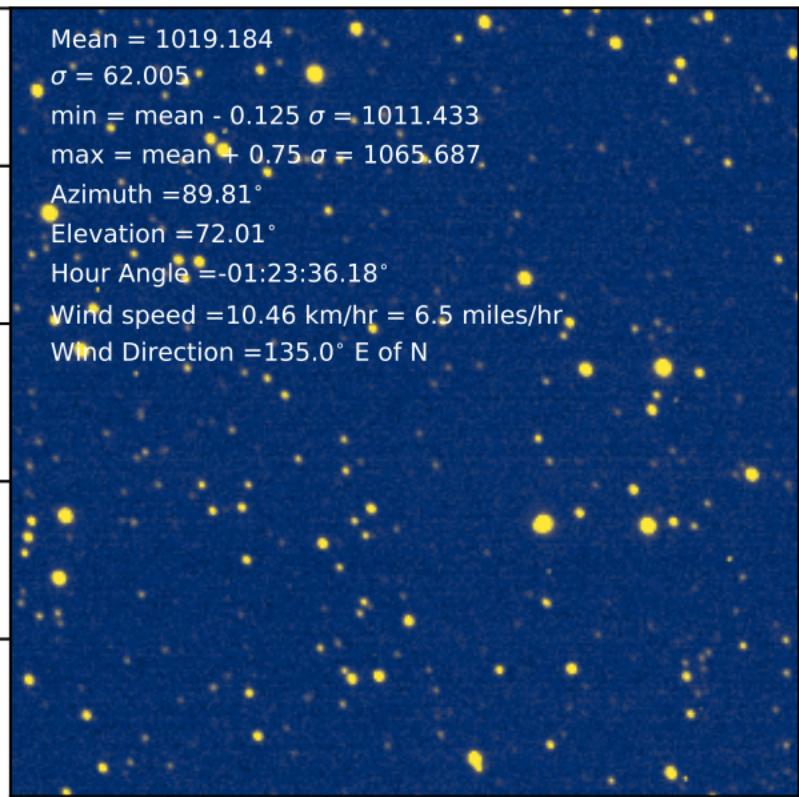
0

200

400

600

800



0

Mean = 1026.367

σ = 59.176

min = mean - 0.125 σ = 1018.97

max = mean + 0.75 σ = 1070.749

Azimuth = 89.92°

Elevation = 72.2°

Hour Angle = -01:22:44.04°

Wind speed = 16.9 km/hr = 10.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

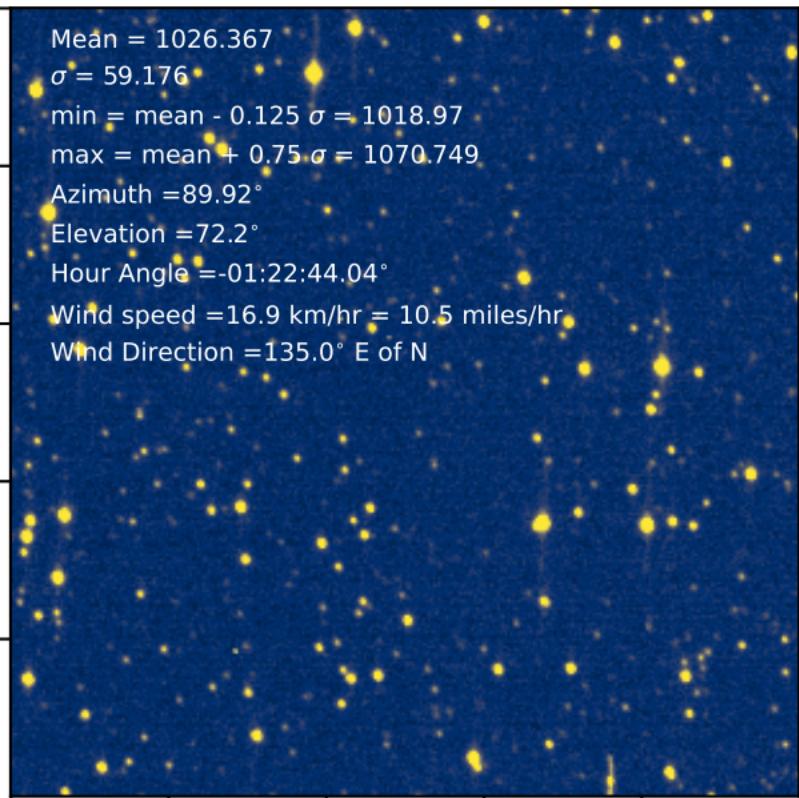
0

200

400

600

800



0

Mean = 1019.520

σ = 60.196

min = mean - 0.125 σ = 1011.996

max = mean + 0.75 σ = 1064.668

Azimuth = 90.03°

Elevation = 72.37°

Hour Angle = -01:21:53.90°

Wind speed = 16.9 km/hr = 10.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

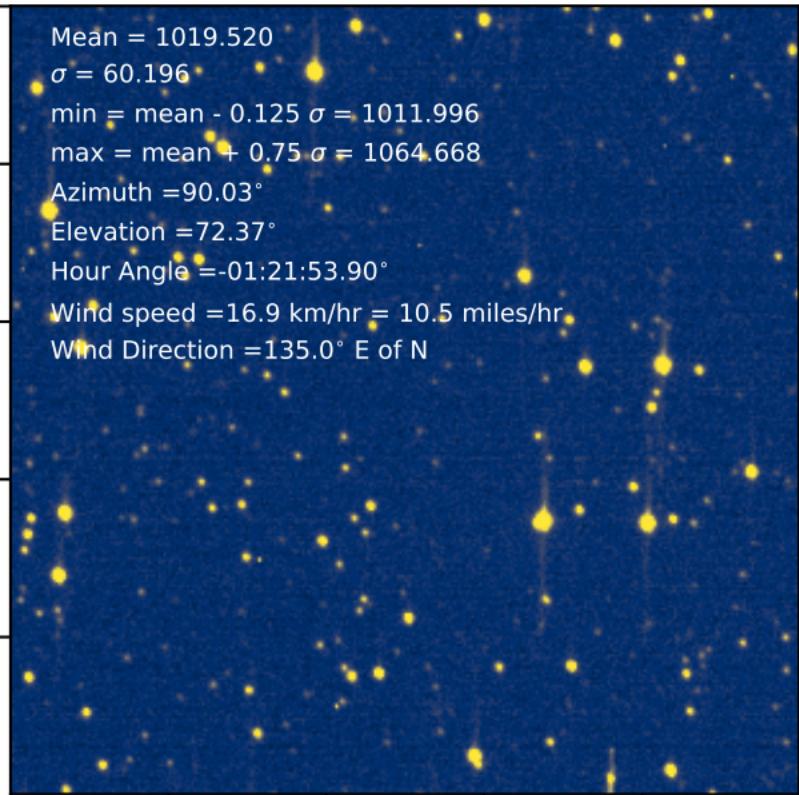
0

200

400

600

800



0

Mean = 1026.446

σ = 60.209

min = mean - 0.125 σ = 1018.919

max = mean + 0.75 σ = 1071.603

Azimuth = 90.15°

Elevation = 72.56°

Hour Angle = -01:21:01.76°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

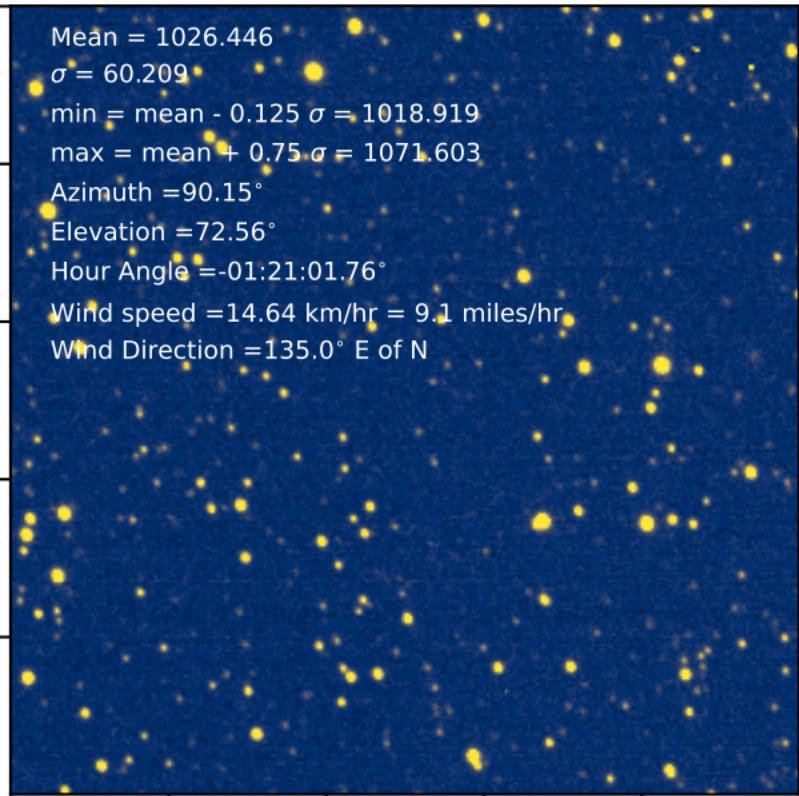
0

200

400

600

800



0

Mean = 1019.508

σ = 60.555

min = mean - 0.125 σ = 1011.938

max = mean + 0.75 σ = 1064.924

Azimuth = 90.26°

Elevation = 72.74°

Hour Angle = -01:20:11.62°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

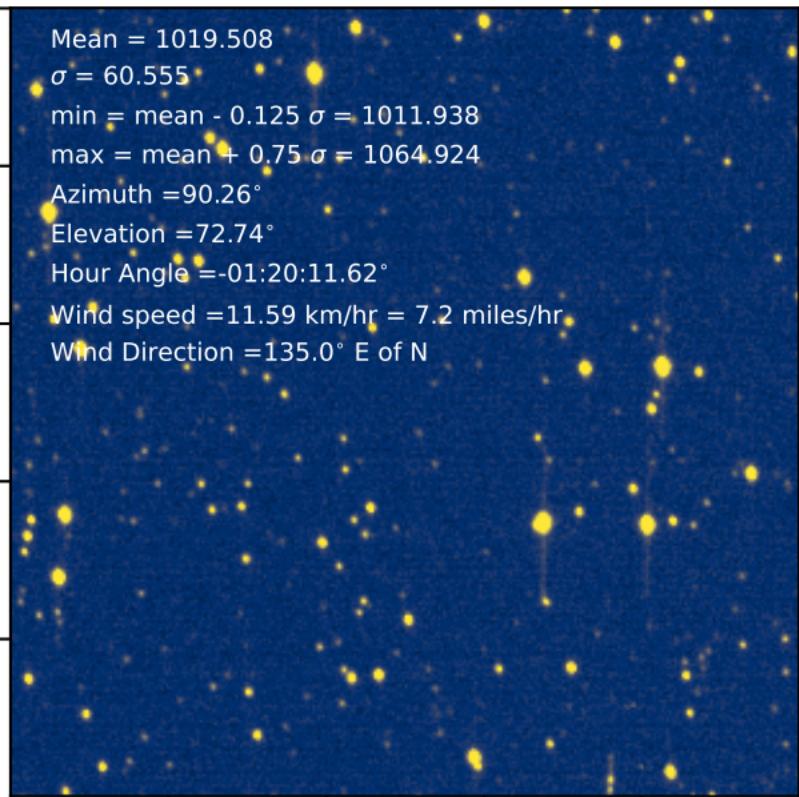
0

200

400

600

800



0

Mean = 1026.439

σ = 57.959

min = mean - 0.125 σ = 1019.194

max = mean + 0.75 σ = 1069.908

Azimuth = 90.38°

Elevation = 72.92°

Hour Angle = -01:19:19.48°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

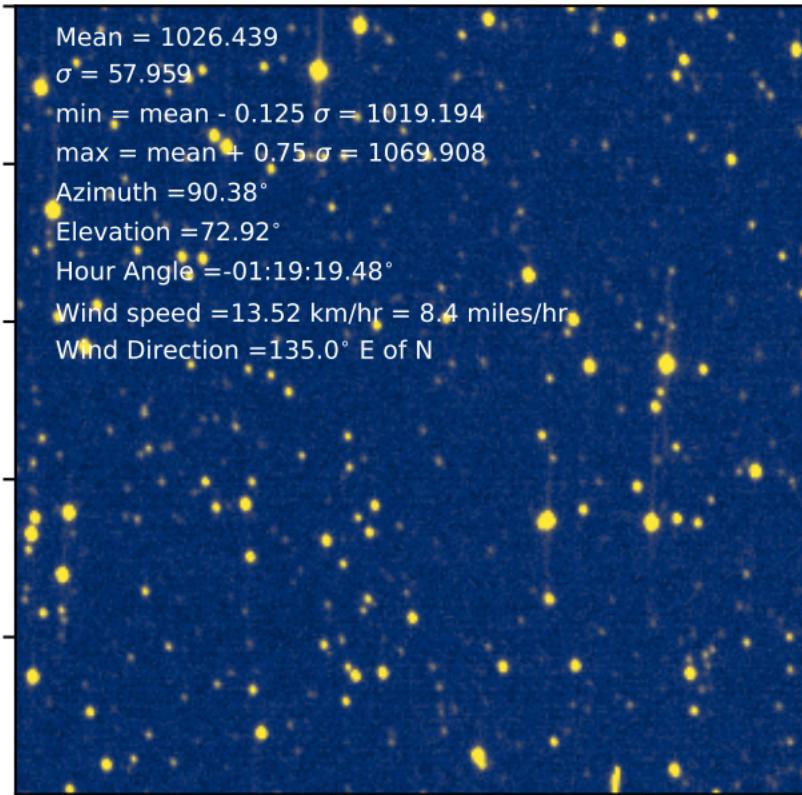
0

200

400

600

800



0

Mean = 1026.652

σ = 57.279

min = mean - 0.125 σ = 1019.492

max = mean + 0.75 σ = 1069.611

Azimuth = 90.48°

Elevation = 73.09°

Hour Angle = -01:18:31.35°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

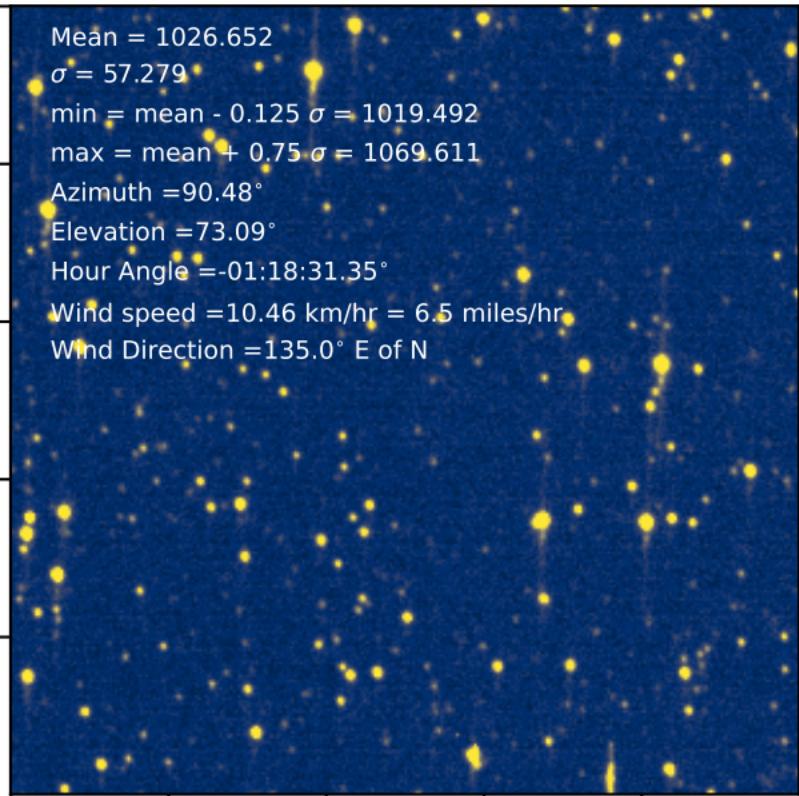
0

200

400

600

800



0

Mean = 1029.309

σ = 68.765

min = mean - 0.125 σ = 1020.713

max = mean + 0.75 σ = 1080.883

Azimuth = 90.59°

Elevation = 73.26°

Hour Angle = -01:17:45.22°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

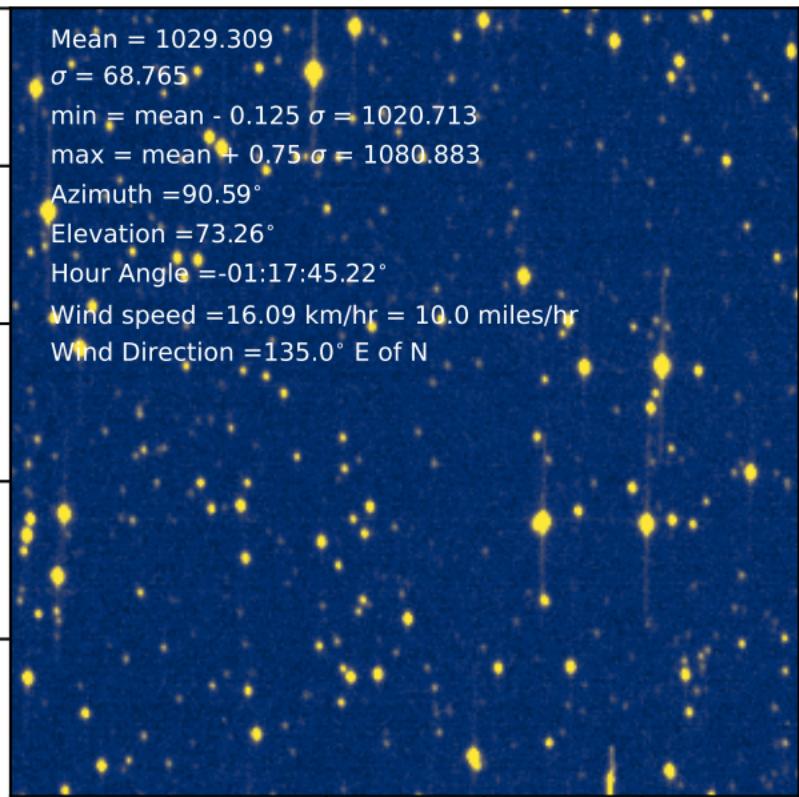
0

200

400

600

800



0

Mean = 1019.503

σ = 61.704

min = mean - 0.125 σ = 1011.79

max = mean + 0.75 σ = 1065.781

Azimuth = 90.71°

Elevation = 73.44°

Hour Angle = -01:16:52.08°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

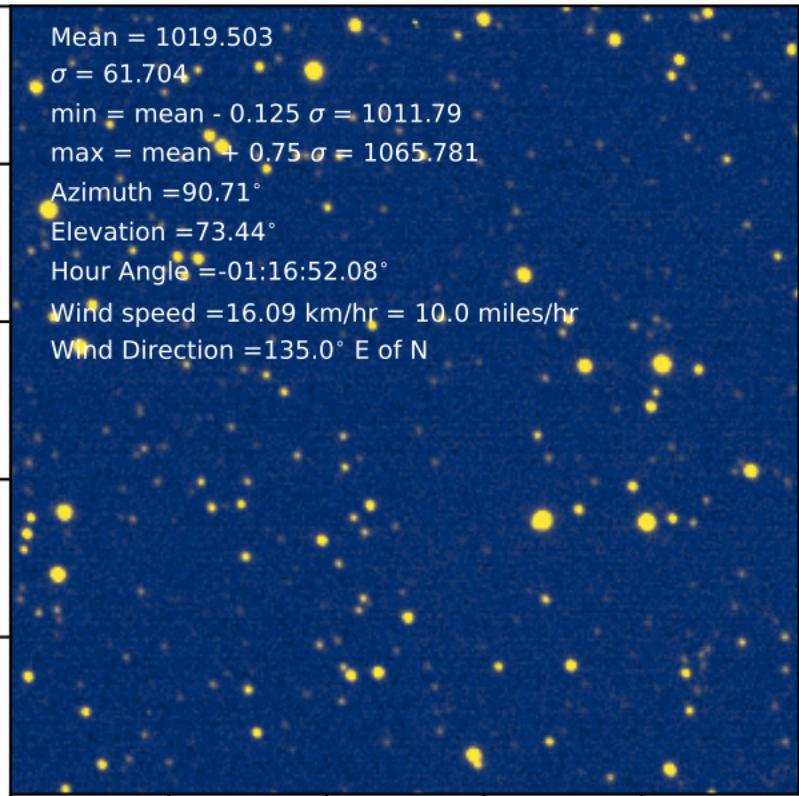
0

200

400

600

800



0

Mean = 1029.033

σ = 71.060

min = mean - 0.125 σ = 1020.15

max = mean + 0.75 σ = 1082.328

Azimuth = 90.83°

Elevation = 73.62°

Hour Angle = -01:16:02.94°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

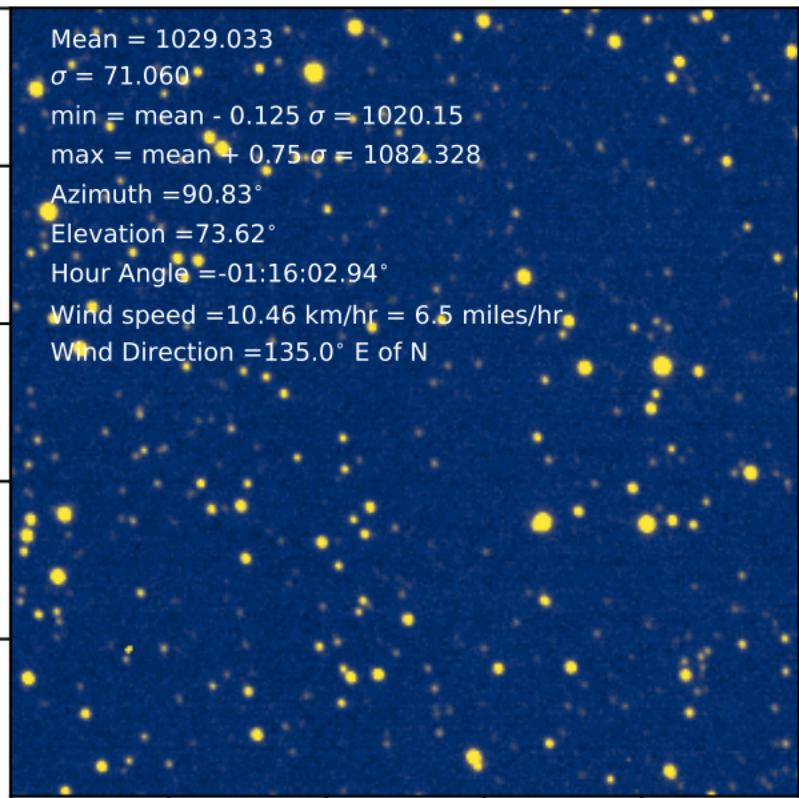
0

200

400

600

800



0

Mean = 1019.479

σ = 61.790

min = mean - 0.125 σ = 1011.755

max = mean + 0.75 σ = 1065.821

Azimuth = 90.95°

Elevation = 73.8°

Hour Angle = -01:15:10.80°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

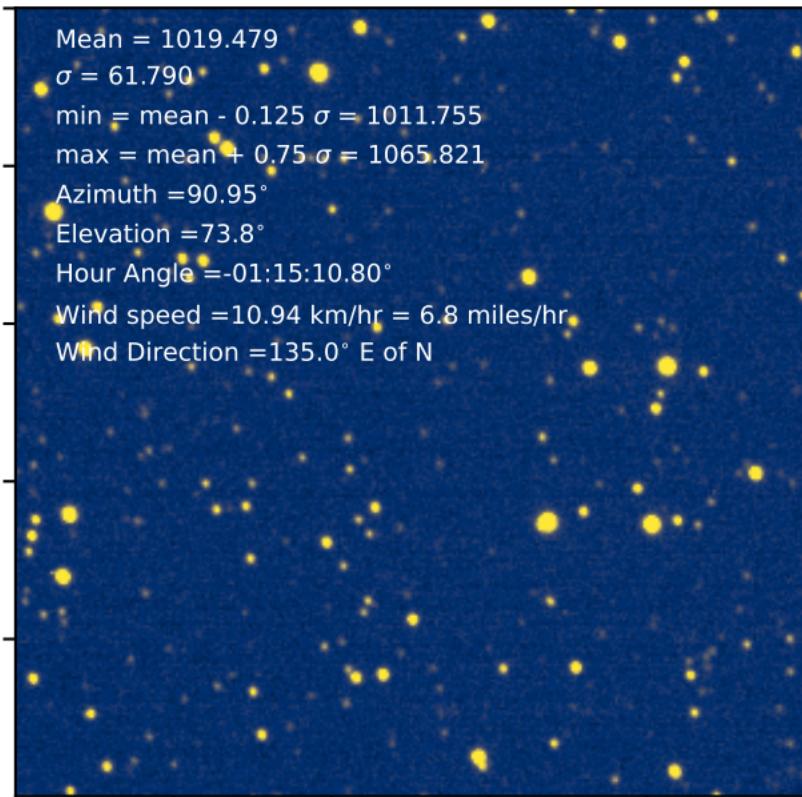
0

200

400

600

800



0

Mean = 1019.313

σ = 62.468

min = mean - 0.125 σ = 1011.505

max = mean + 0.75 σ = 1066.164

Azimuth = 91.07°

Elevation = 73.98°

Hour Angle = -01:14:21.67°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

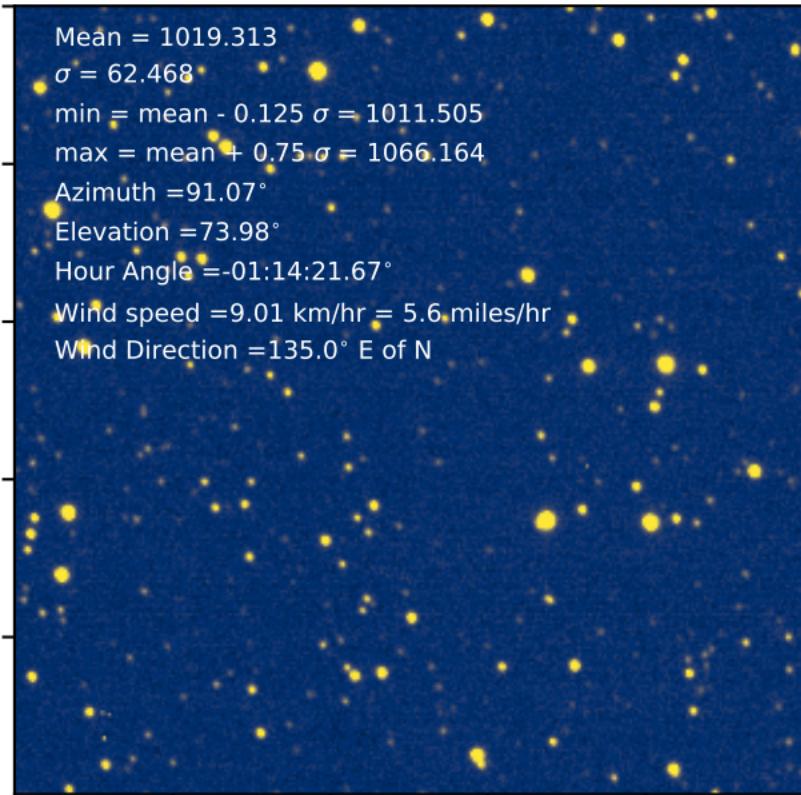
0

200

400

600

800



0

Mean = 1026.386

σ = 62.067

min = mean - 0.125 σ = 1018.628

max = mean + 0.75 σ = 1072.936

Azimuth = 91.2°

Elevation = 74.16°

Hour Angle = -01:13:30.53°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

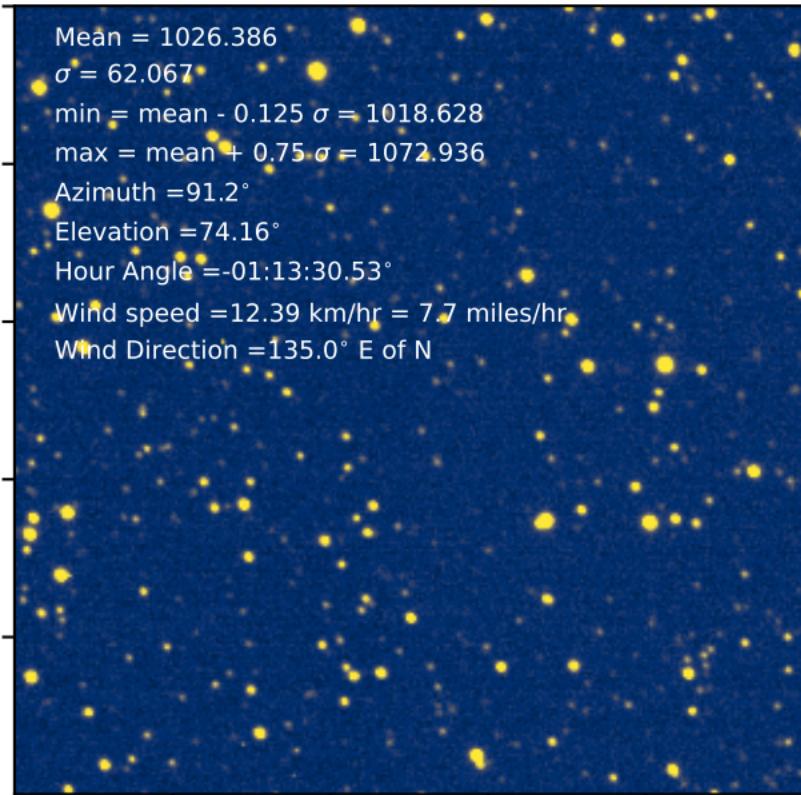
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1019.311

σ = 62.799

min = mean - 0.125 σ = 1011.461

max = mean + 0.75 σ = 1066.41

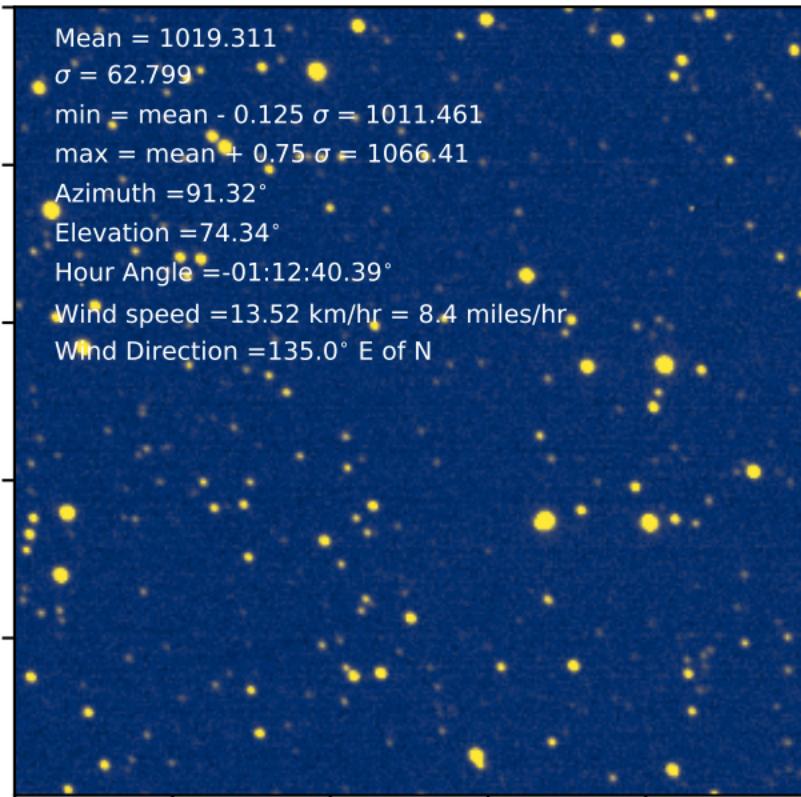
Azimuth = 91.32°

Elevation = 74.34°

Hour Angle = -01:12:40.39°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1026.093

σ = 61.928

min = mean - 0.125 σ = 1018.352

max = mean + 0.75 σ = 1072.54

Azimuth = 91.45°

Elevation = 74.52°

Hour Angle = -01:11:48.25°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

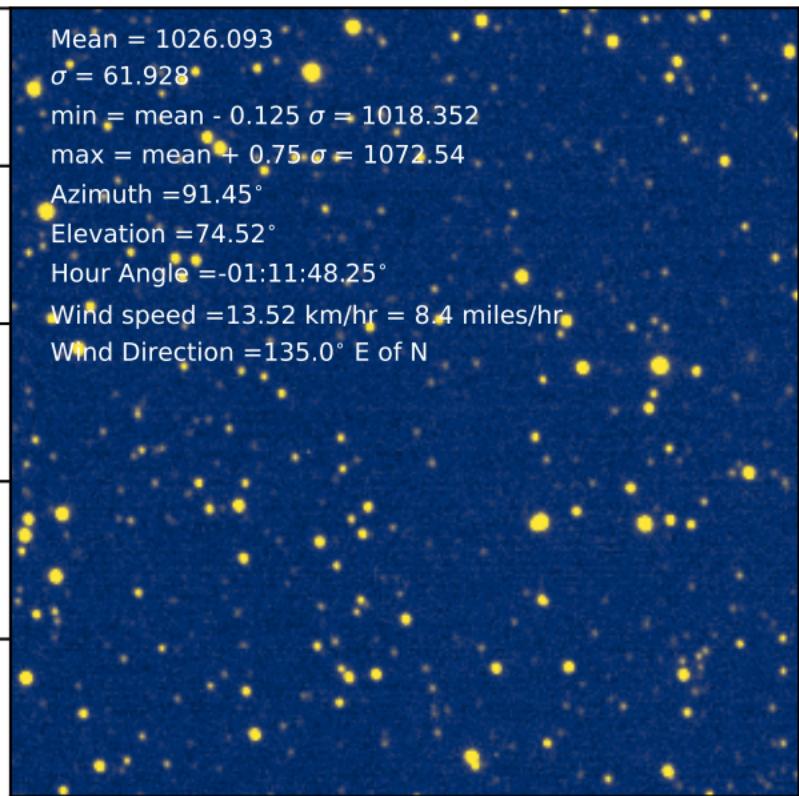
0

200

400

600

800



0

Mean = 1019.321

σ = 63.115

min = mean - 0.125 σ = 1011.431

max = mean + 0.75 σ = 1066.657

Azimuth = 91.57°

Elevation = 74.69°

Hour Angle = -01:10:59.11°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

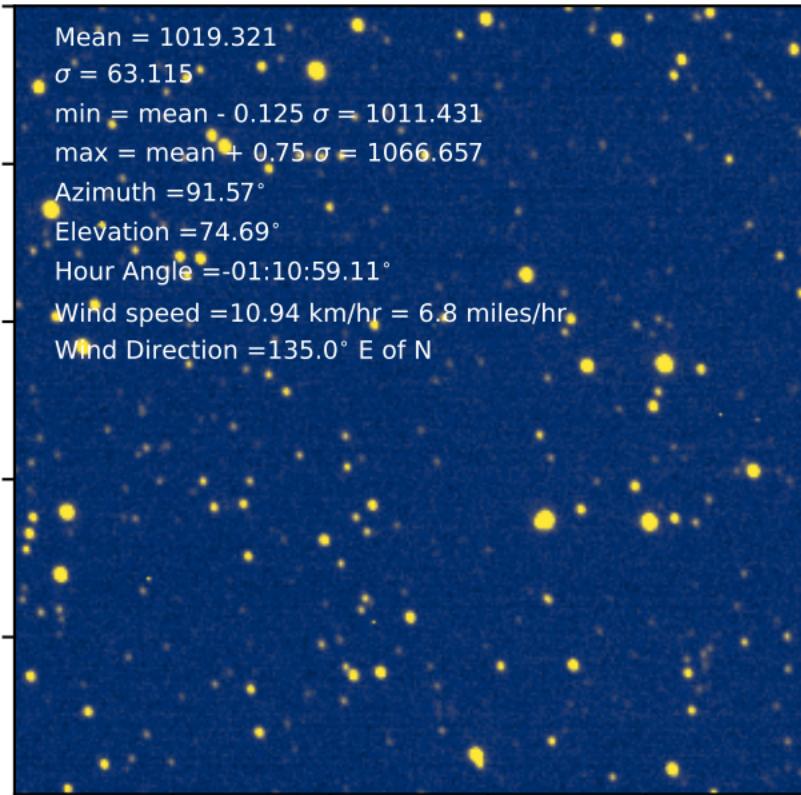
0

200

400

600

800



0

Mean = 1026.129

σ = 62.243

min = mean - 0.125 σ = 1018.348

max = mean + 0.75 σ = 1072.811

Azimuth = 91.71°

Elevation = 74.88°

Hour Angle = -01:10:06.97°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

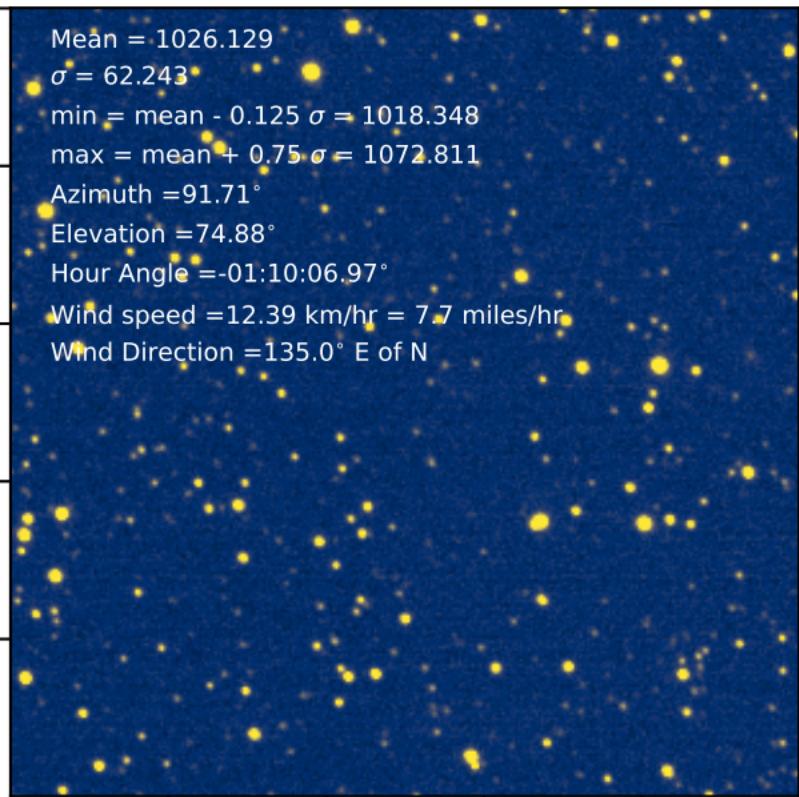
0

200

400

600

800



0

Mean = 1019.466

σ = 62.886

min = mean - 0.125 σ = 1011.605

max = mean + 0.75 σ = 1066.631

Azimuth = 91.83°

Elevation = 75.04°

Hour Angle = -01:09:20.85°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

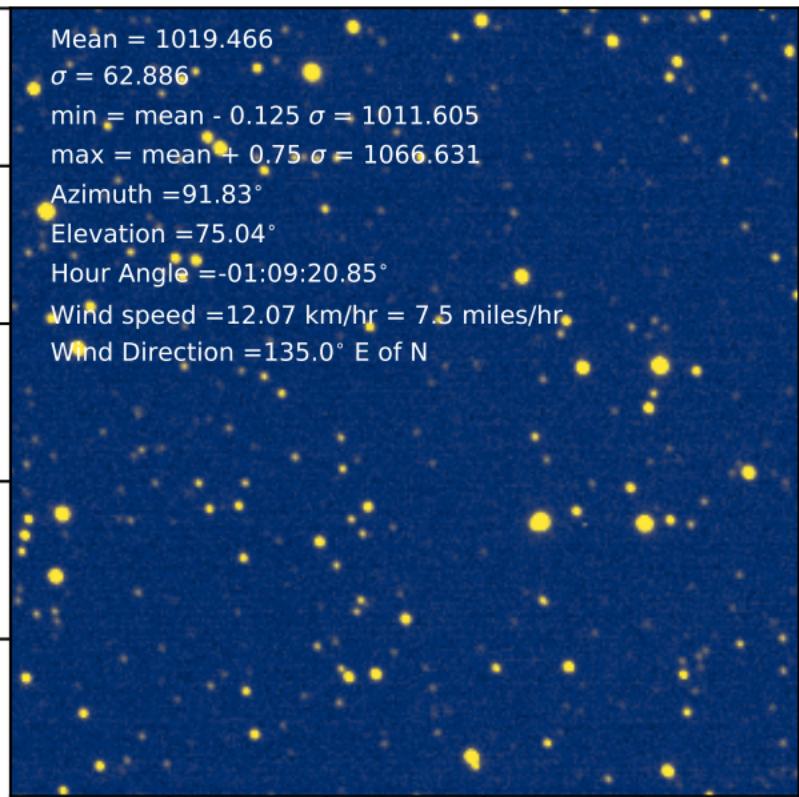
0

200

400

600

800



0

Mean = 1028.561

σ = 73.006

min = mean - 0.125 σ = 1019.435

max = mean + 0.75 σ = 1083.315

Azimuth = 91.96°

Elevation = 75.22°

Hour Angle = -01:08:31.71°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

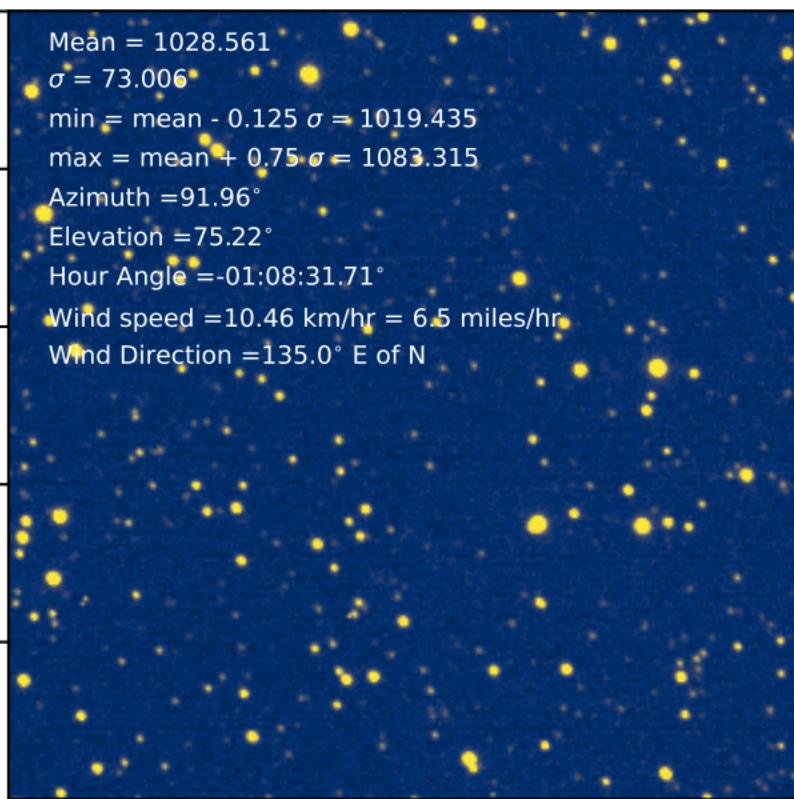
0

200

400

600

800



0

Mean = 1019.479

σ = 62.594

min = mean - 0.125 σ = 1011.655

max = mean + 0.75 σ = 1066.424

Azimuth = 92.09°

Elevation = 75.4°

Hour Angle = -01:07:39.57°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

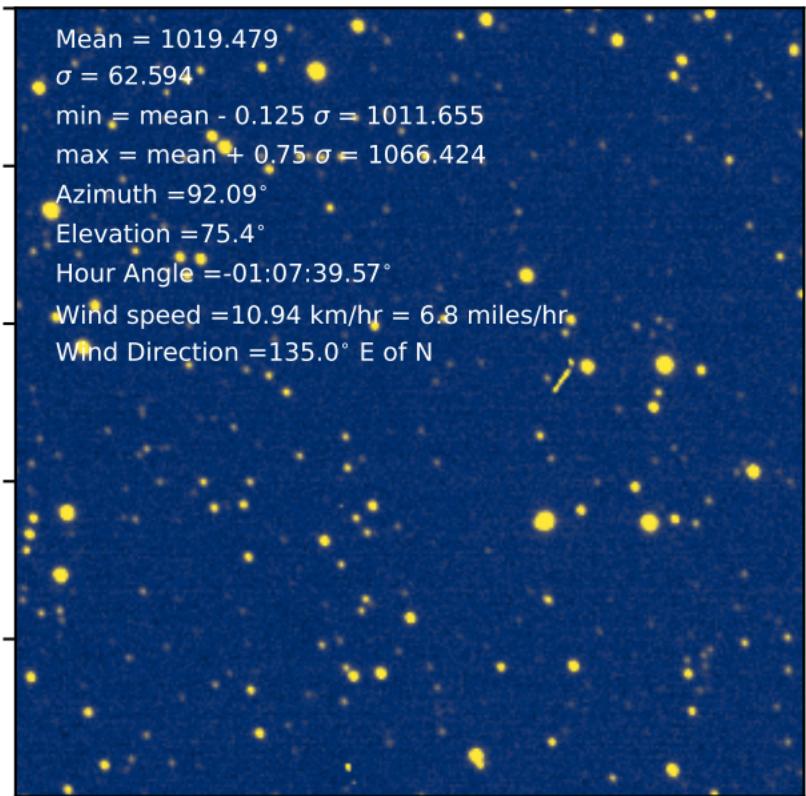
0

200

400

600

800



0

Mean = 1029.271

σ = 71.375

min = mean - 0.125 σ = 1020.349

max = mean + 0.75 σ = 1082.803

Azimuth = 92.23°

Elevation = 75.58°

Hour Angle = -01:06:50.44°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

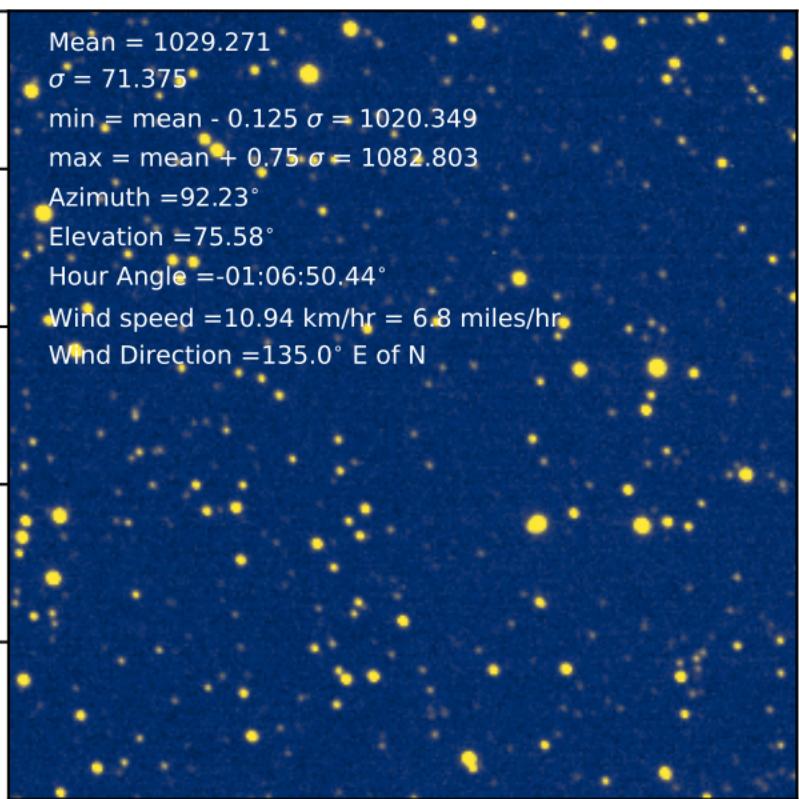
0

200

400

600

800



0

Mean = 1019.716

σ = 61.197

min = mean - 0.125 σ = 1012.066

max = mean + 0.75 σ = 1065.614

Azimuth = 92.37°

Elevation = 75.76°

Hour Angle = -01:05:57.29°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

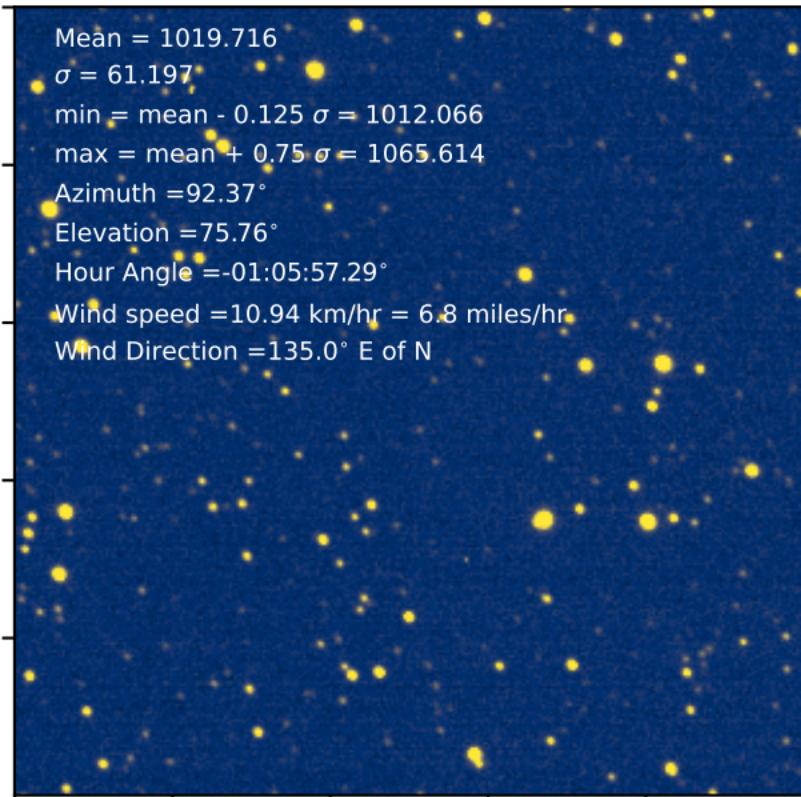
0

200

400

600

800



0

Mean = 1019.864

σ = 60.394

min = mean - 0.125 σ = 1012.315

max = mean + 0.75 σ = 1065.16

Azimuth = 92.51°

Elevation = 75.94°

Hour Angle = -01:05:08.16°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

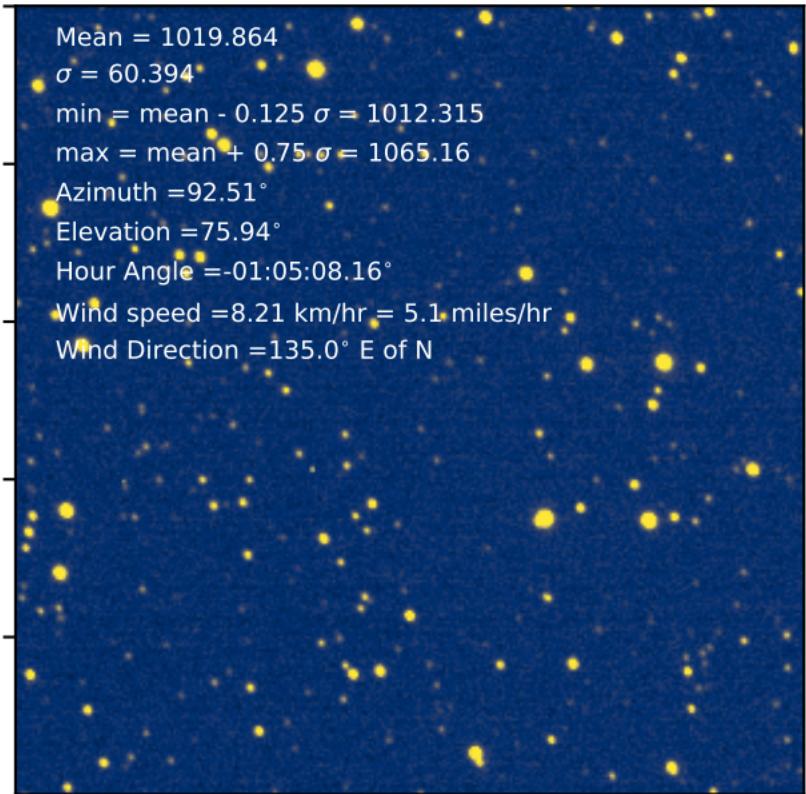
0

200

400

600

800



0

Mean = 1026.823

σ = 60.226

min = mean - 0.125 σ = 1019.295

max = mean + 0.75 σ = 1071.992

Azimuth = 92.66°

Elevation = 76.12°

Hour Angle = -01:04:16.01°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

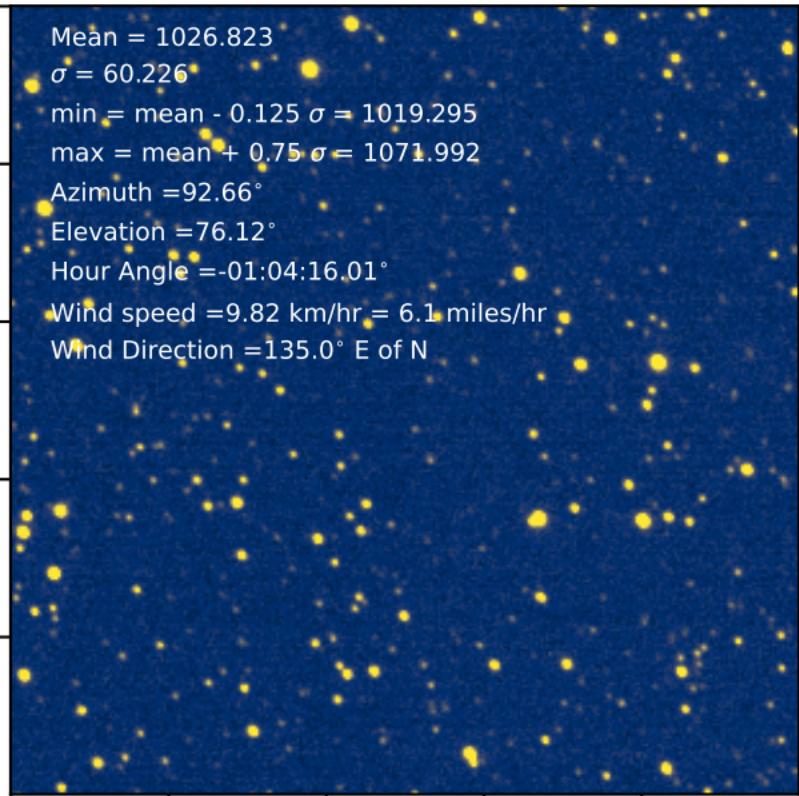
0

200

400

600

800



0

Mean = 1029.927

σ = 70.063

min = mean - 0.125 σ = 1021.169

max = mean + 0.75 σ = 1082.475

Azimuth = 92.79°

Elevation = 76.29°

Hour Angle = -01:03:29.89°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

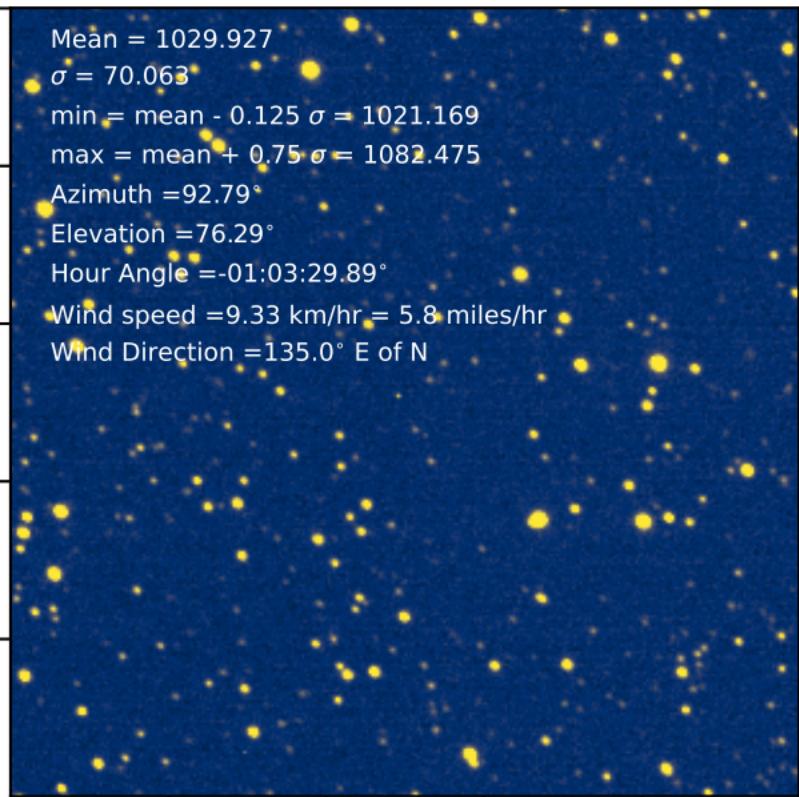
0

200

400

600

800



0

Mean = 1029.078

σ = 71.526

min = mean - 0.125 σ = 1020.137

max = mean + 0.75 σ = 1082.722

Azimuth = 92.93°

Elevation = 76.46°

Hour Angle = -01:02:40.75°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1026.180

σ = 61.687

min = mean - 0.125 σ = 1018.469

max = mean + 0.75 σ = 1072.445

Azimuth = 93.09°

Elevation = 76.64°

Hour Angle = -01:01:49.61°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

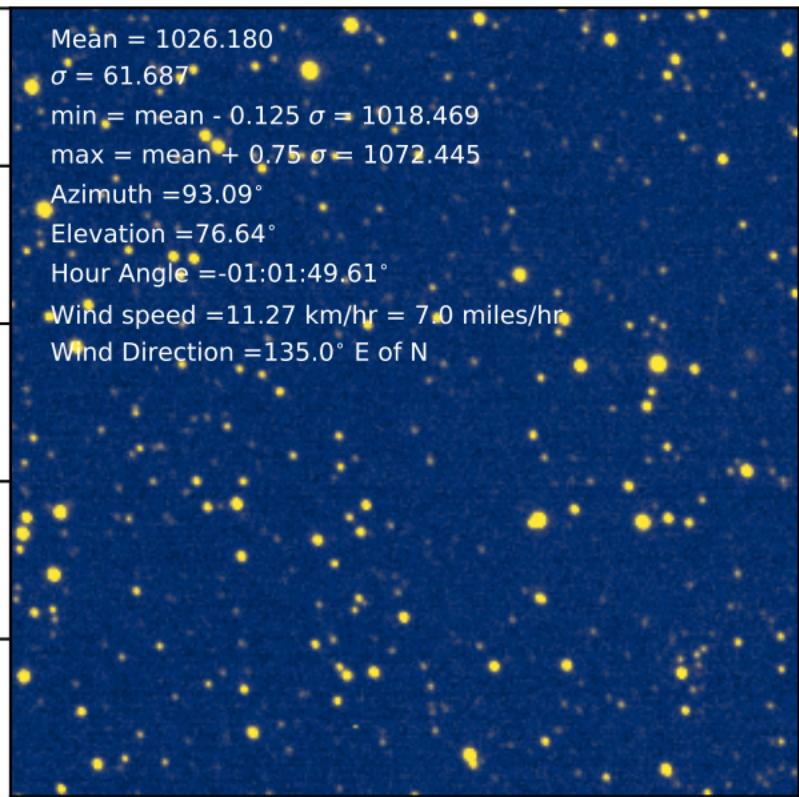
0

200

400

600

800



0

Mean = 1025.878

σ = 61.901

min = mean - 0.125 σ = 1018.14

max = mean + 0.75 σ = 1072.303

Azimuth = 93.23°

Elevation = 76.81°

Hour Angle = -01:01:01.48°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

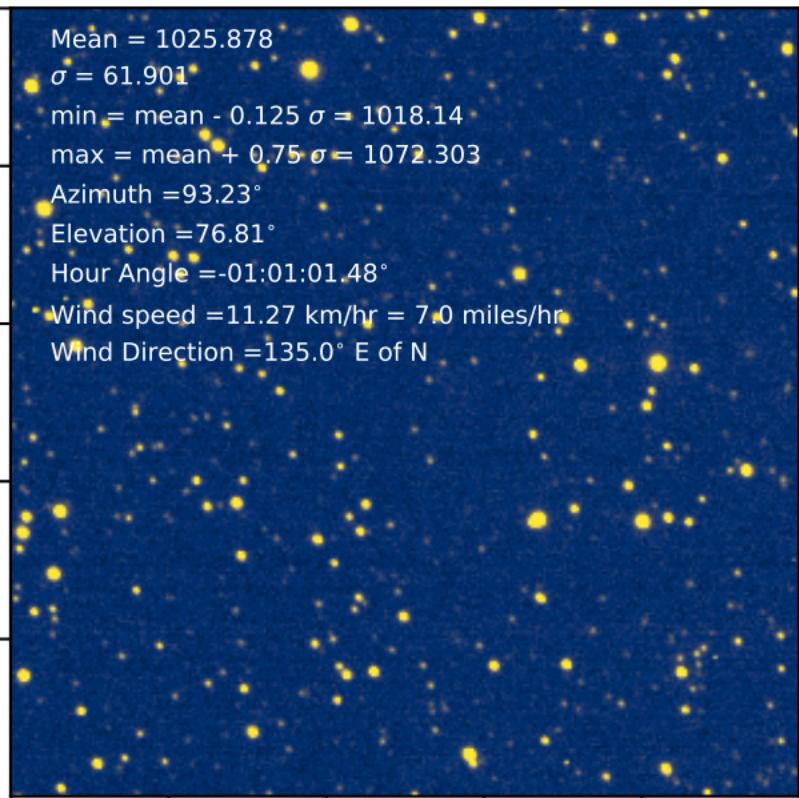
0

200

400

600

800



0

Mean = 1019.398

σ = 62.587

min = mean - 0.125 σ = 1011.575

max = mean + 0.75 σ = 1066.338

Azimuth = 93.37°

Elevation = 76.97°

Hour Angle = -01:00:15.36°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

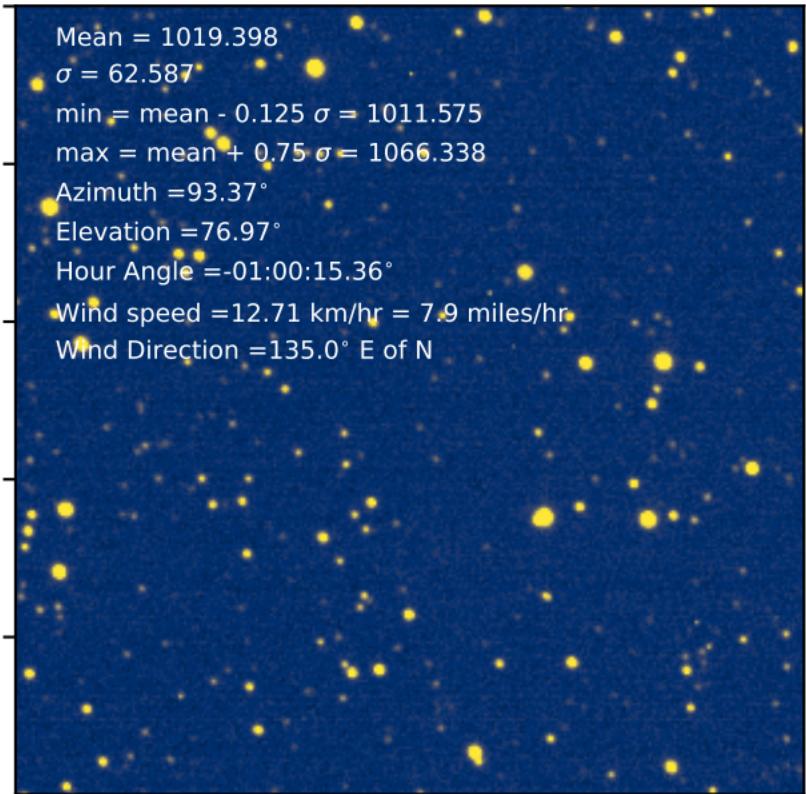
0

200

400

600

800



0

Mean = 1027.780

σ = 56.510

min = mean - 0.125 σ = 1020.716

max = mean + 0.75 σ = 1070.162

Azimuth = 93.53°

Elevation = 77.16°

Hour Angle = -00:59:23.21°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

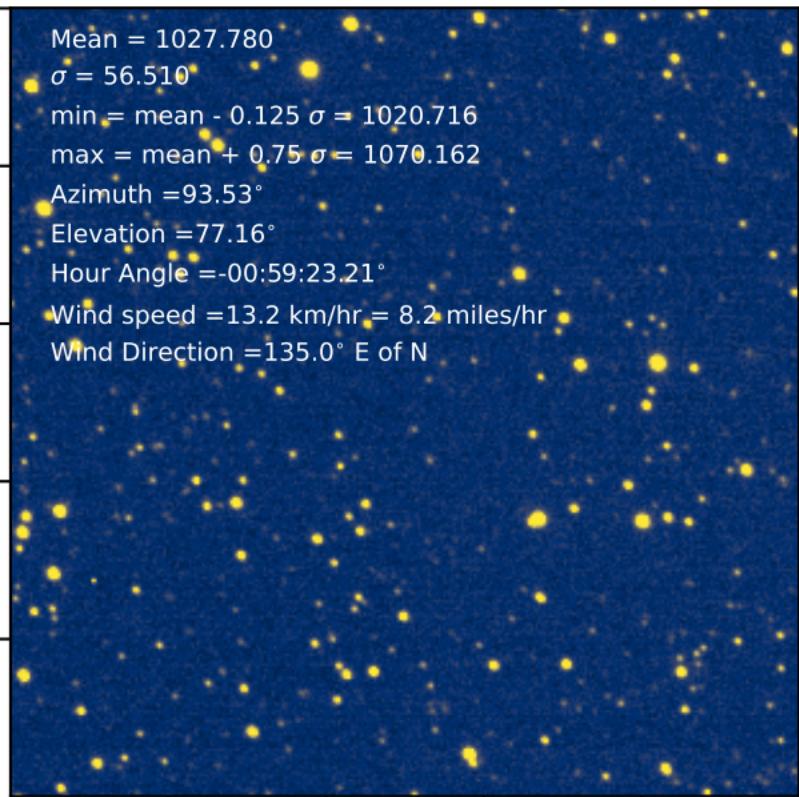
0

200

400

600

800



0

Mean = 1032.074

σ = 66.886

min = mean - 0.125 σ = 1023.713

max = mean + 0.75 σ = 1082.238

Azimuth = 93.68°

Elevation = 77.33°

Hour Angle = -00:58:36.09°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

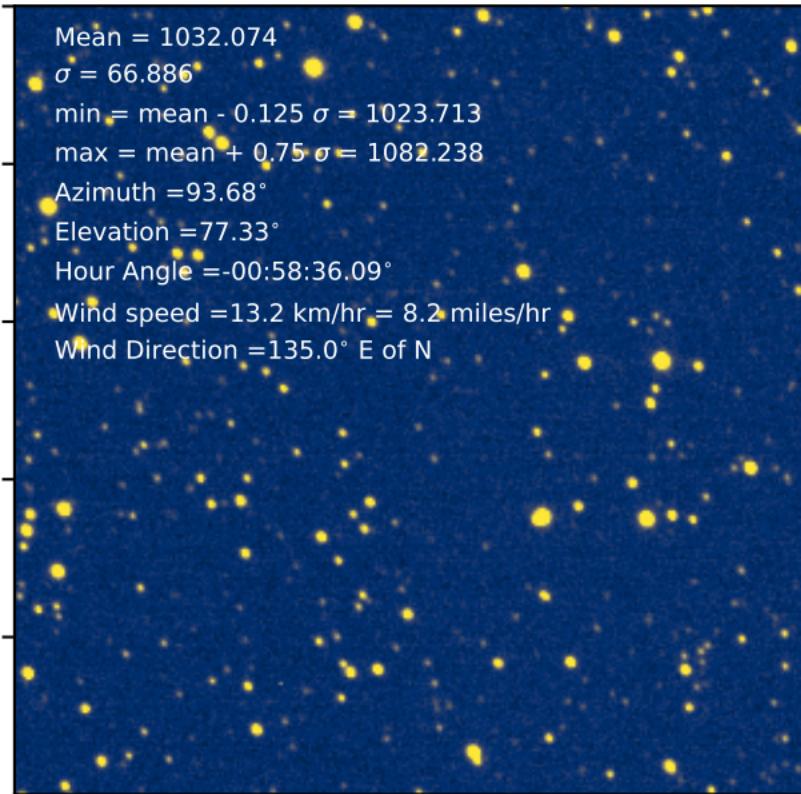
0

200

400

600

800



0

Mean = 1020.687

σ = 57.892

min = mean - 0.125 σ = 1013.45

max = mean + 0.75 σ = 1064.106

Azimuth = 93.86°

Elevation = 77.51°

Hour Angle = -00:57:42.94°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

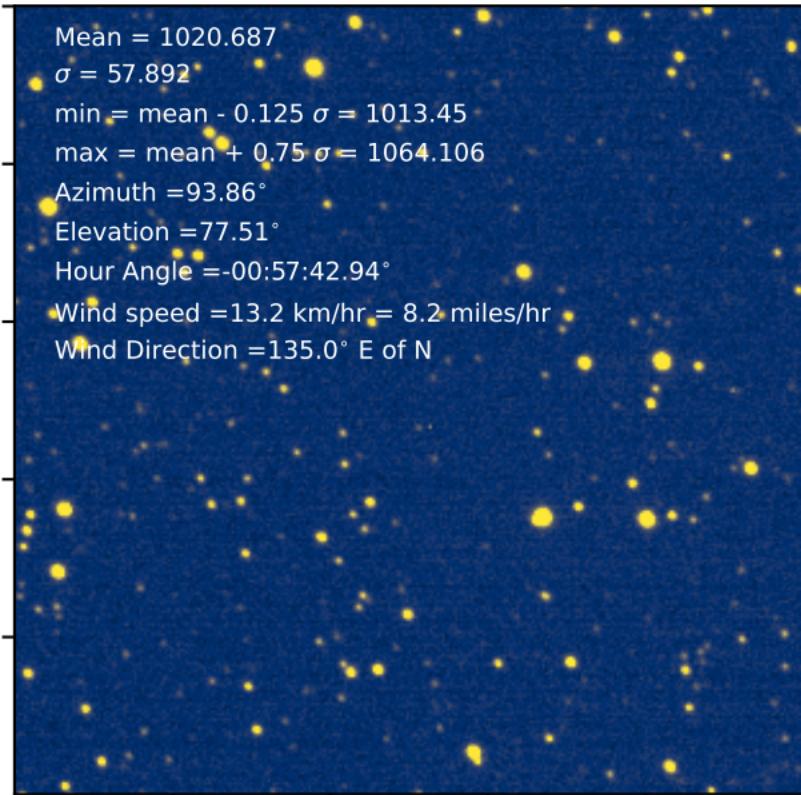
0

200

400

600

800



0

Mean = 1027.210

σ = 59.019

min = mean - 0.125 σ = 1019.832

max = mean + 0.75 σ = 1071.474

Azimuth = 94.03°

Elevation = 77.7°

Hour Angle = -00:56:50.80°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1028.713

σ = 72.331

min = mean - 0.125 σ = 1019.671

max = mean + 0.75 σ = 1082.961

Azimuth = 94.18°

Elevation = 77.86°

Hour Angle = -00:56:04.67°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

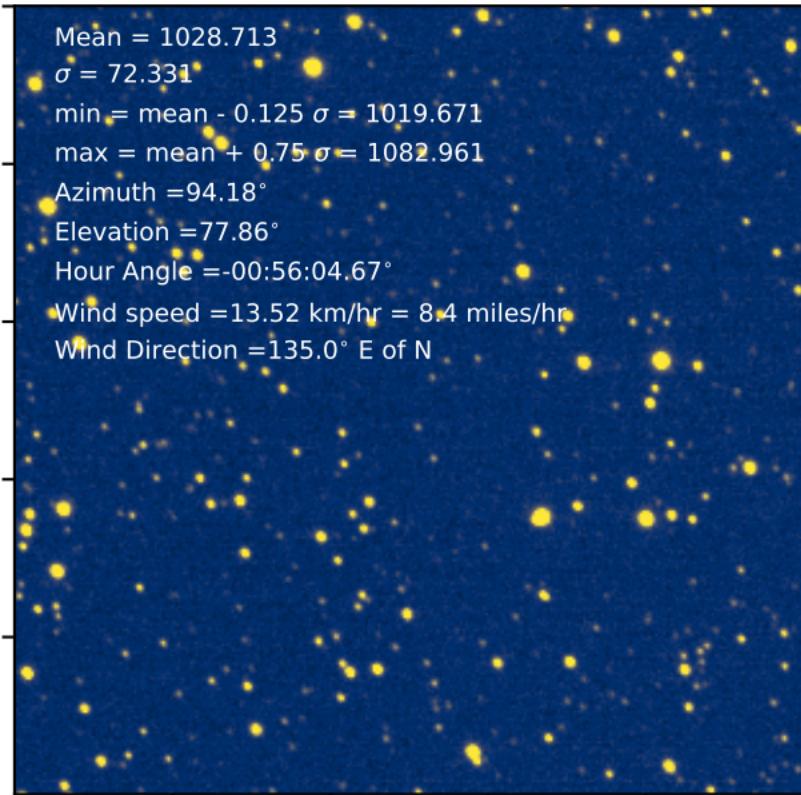
0

200

400

600

800



0

Mean = 1019.306

σ = 62.458

min = mean - 0.125 σ = 1011.499

max = mean + 0.75 σ = 1066.15

Azimuth = 94.36°

Elevation = 78.05°

Hour Angle = -00:55:11.53°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

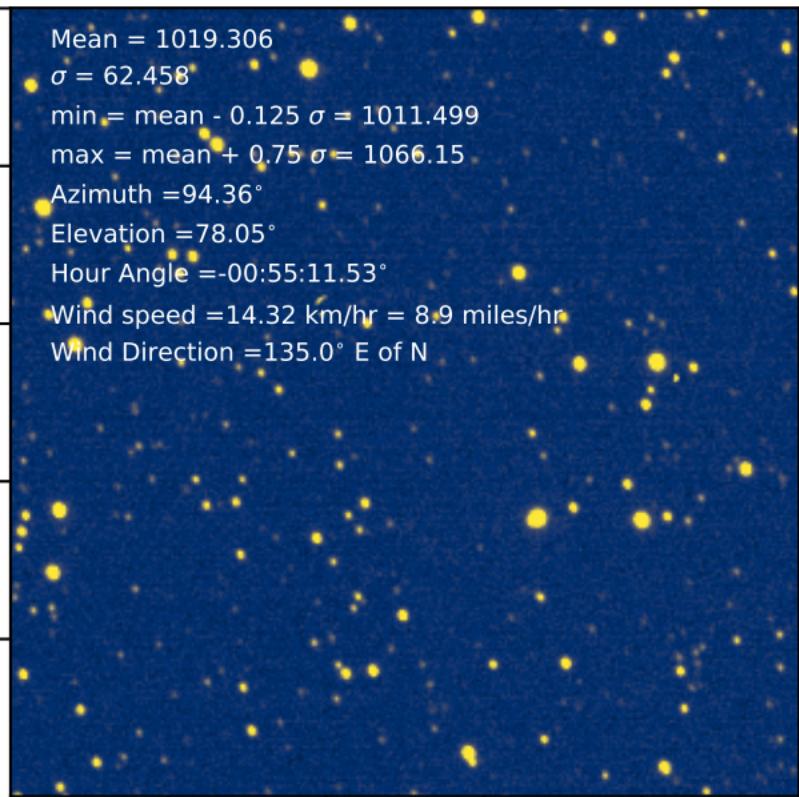
0

200

400

600

800



0

Mean = 1026.108

σ = 61.311

min = mean - 0.125 σ = 1018.444

max = mean + 0.75 σ = 1072.091

Azimuth = 94.55°

Elevation = 78.23°

Hour Angle = -00:54:19.38°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

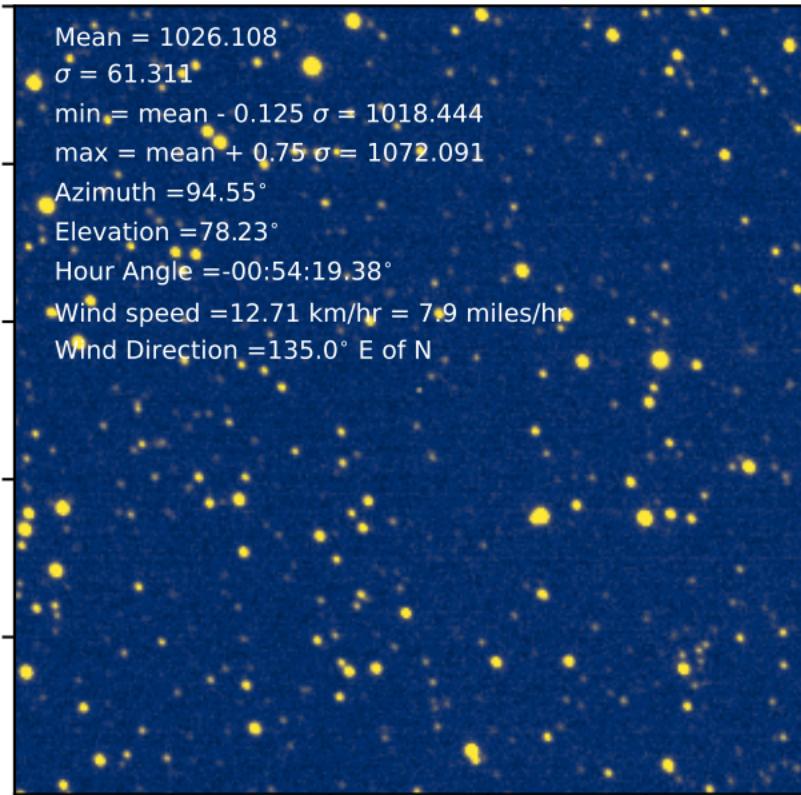
0

200

400

600

800



0

Mean = 1028.568

σ = 72.158

min = mean - 0.125 σ = 1019.548

max = mean + 0.75 σ = 1082.687

Azimuth = 94.72°

Elevation = 78.4°

Hour Angle = -00:53:32.26°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

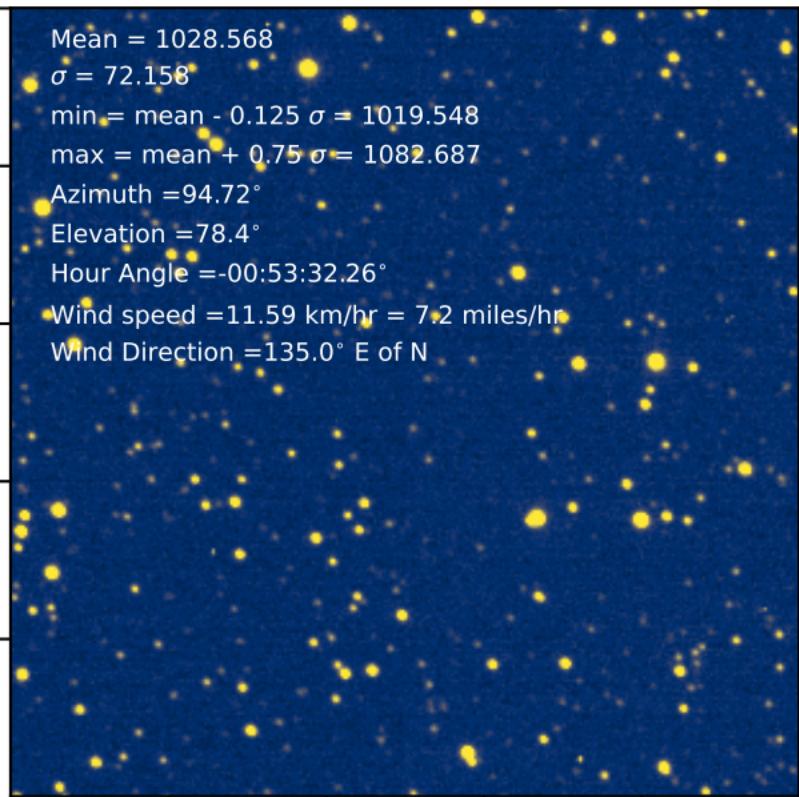
0

200

400

600

800



0

Mean = 1019.430

σ = 62.083

min = mean - 0.125 σ = 1011.67

max = mean + 0.75 σ = 1065.992

Azimuth = 94.91°

Elevation = 78.59°

Hour Angle = -00:52:39.11°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

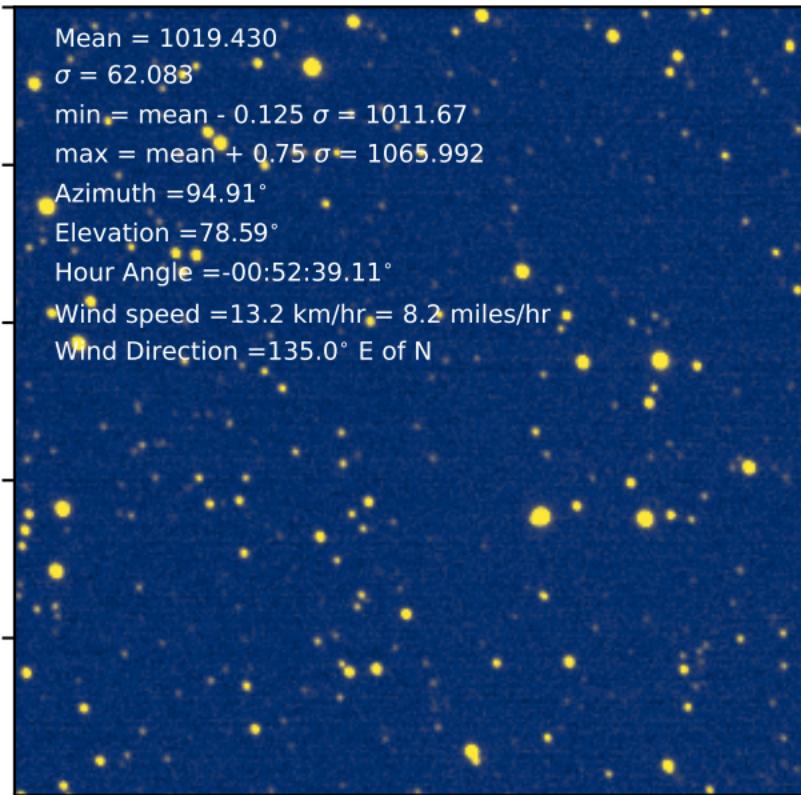
0

200

400

600

800



0

Mean = 1019.266

σ = 62.253

min = mean - 0.125 σ = 1011.484

max = mean + 0.75 σ = 1065.956

Azimuth = 95.09°

Elevation = 78.76°

Hour Angle = -00:51:50.98°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

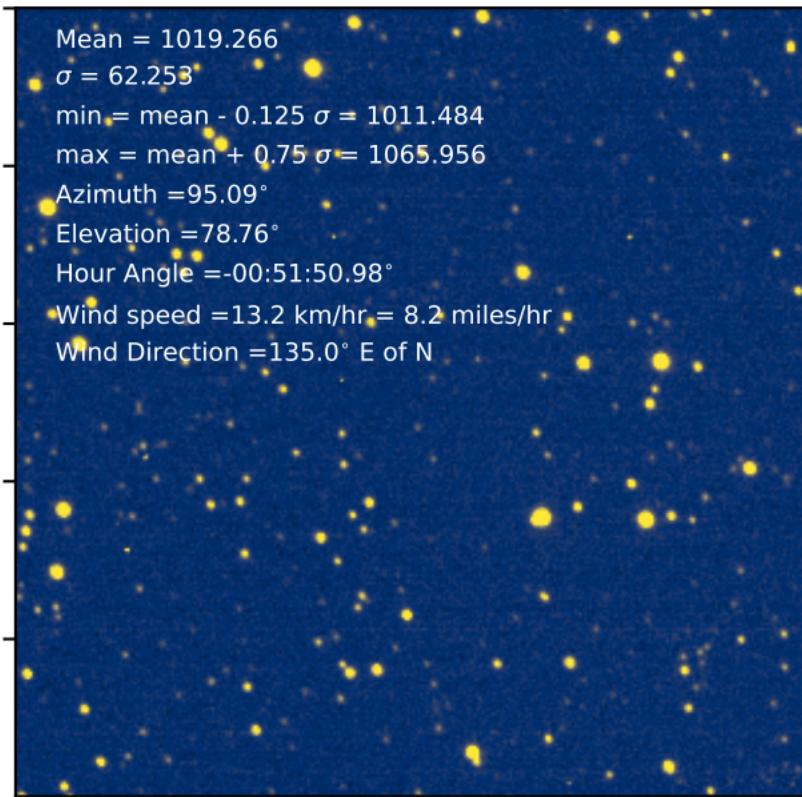
0

200

400

600

800



0

Mean = 1027.678

σ = 61.228

min = mean - 0.125 σ = 1020.024

max = mean + 0.75 σ = 1073.599

Azimuth = 95.29°

Elevation = 78.94°

Hour Angle = -00:50:58.84°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

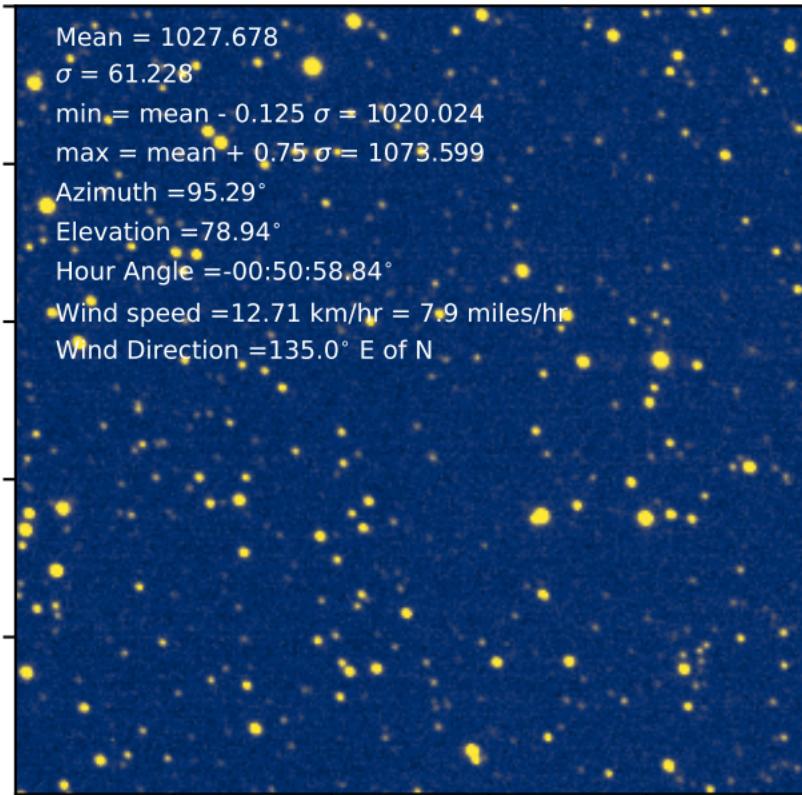
0

200

400

600

800



0

Mean = 1028.923

σ = 72.347

min = mean - 0.125 σ = 1019.88

max = mean + 0.75 σ = 1083.183

Azimuth = 95.47°

Elevation = 79.11°

Hour Angle = -00:50:11.71°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

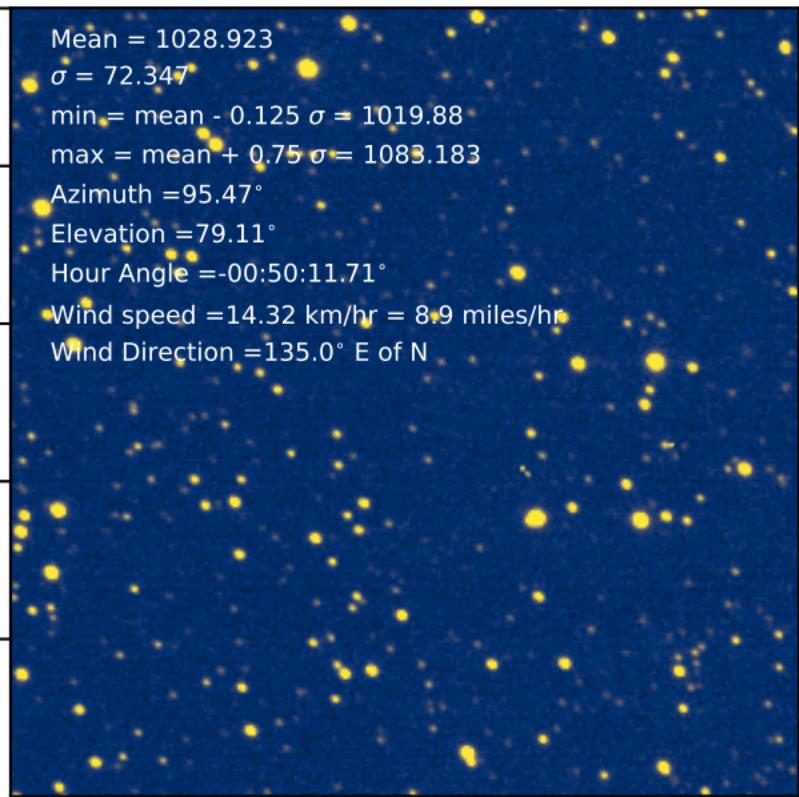
0

200

400

600

800



0

Mean = 1027.184

σ = 61.596

min = mean - 0.125 σ = 1019.485

max = mean + 0.75 σ = 1073.381

Azimuth = 95.69°

Elevation = 79.3°

Hour Angle = -00:49:17.56°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

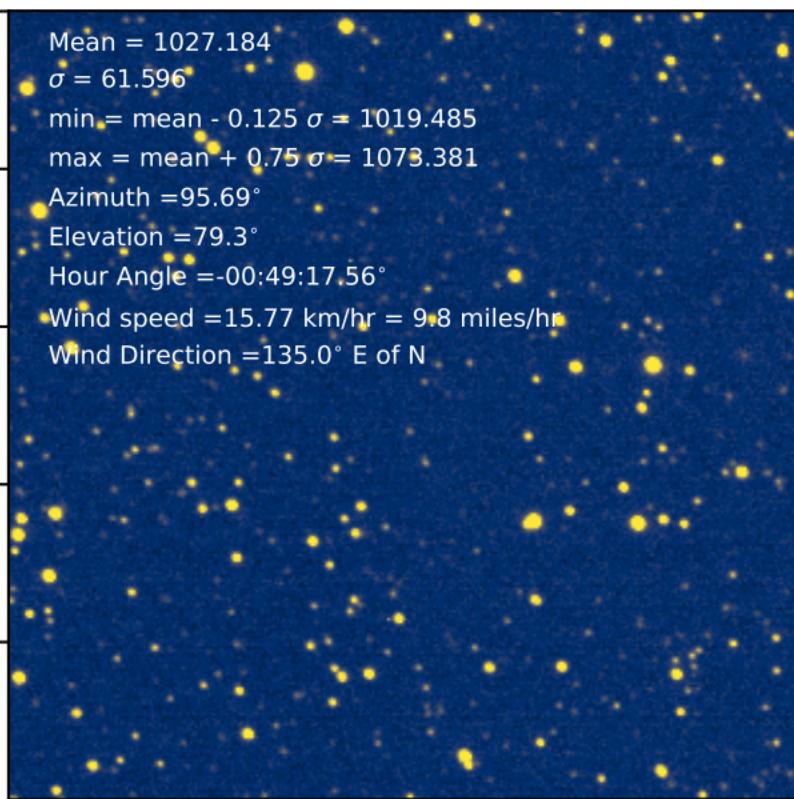
0

200

400

600

800



0

Mean = 1029.046

σ = 72.114

min = mean - 0.125 σ = 1020.031

max = mean + 0.75 σ = 1083.131

Azimuth = 95.88°

Elevation = 79.47°

Hour Angle = -00:48:30.43°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

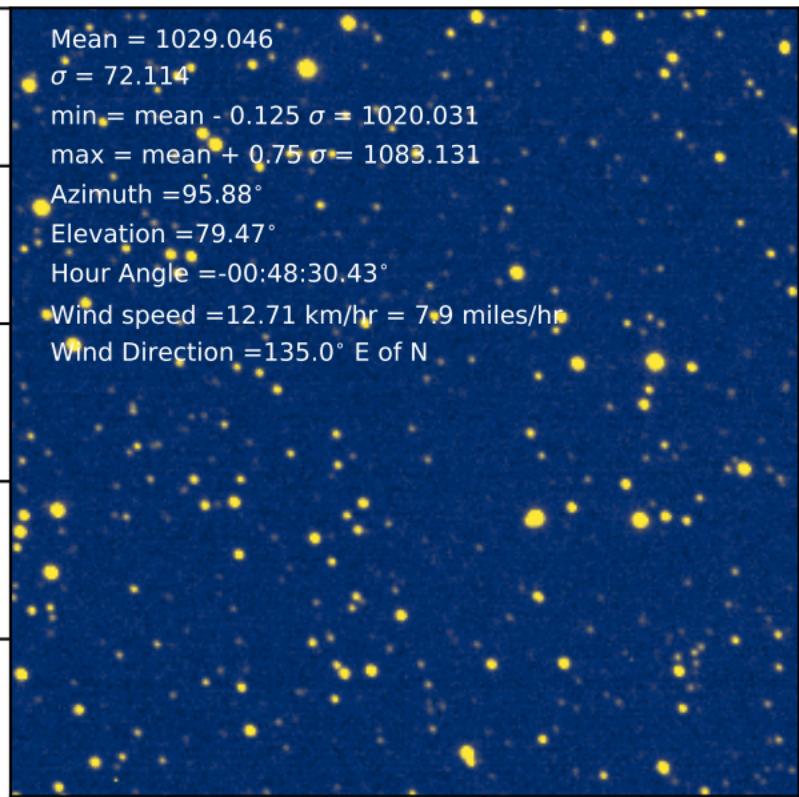
0

200

400

600

800



0

Mean = 1029.507

σ = 71.252

min = mean - 0.125 σ = 1020.601

max = mean + 0.75 σ = 1082.946

Azimuth = 96.09°

Elevation = 79.64°

Hour Angle = -00:47:41.30°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

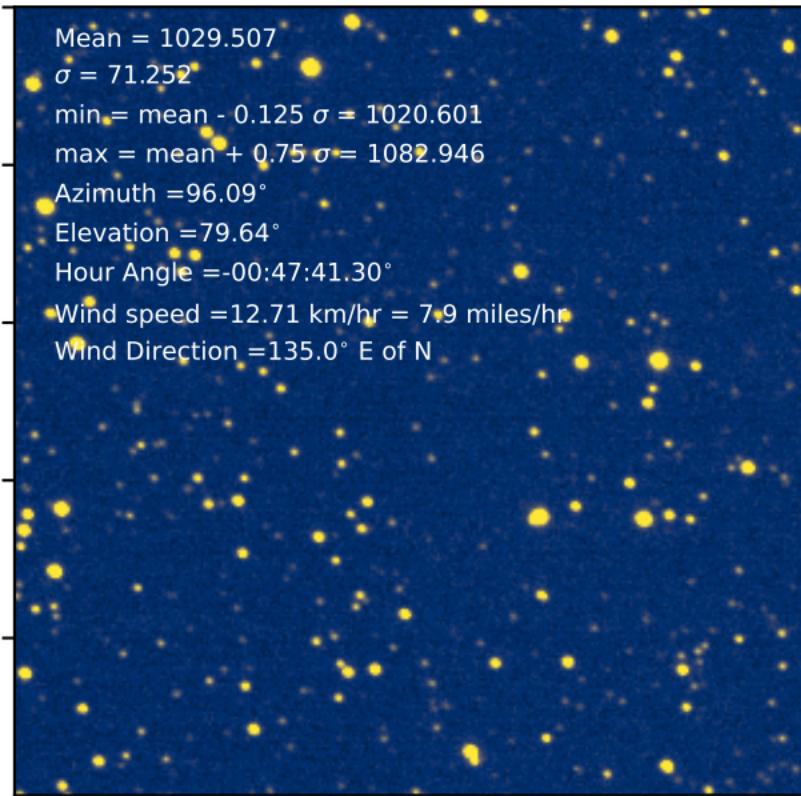
0

200

400

600

800



0

Mean = 1019.709

σ = 61.110

min = mean - 0.125 σ = 1012.071

max = mean + 0.75 σ = 1065.542

Azimuth = 96.31°

Elevation = 79.82°

Hour Angle = -00:46:49.16°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

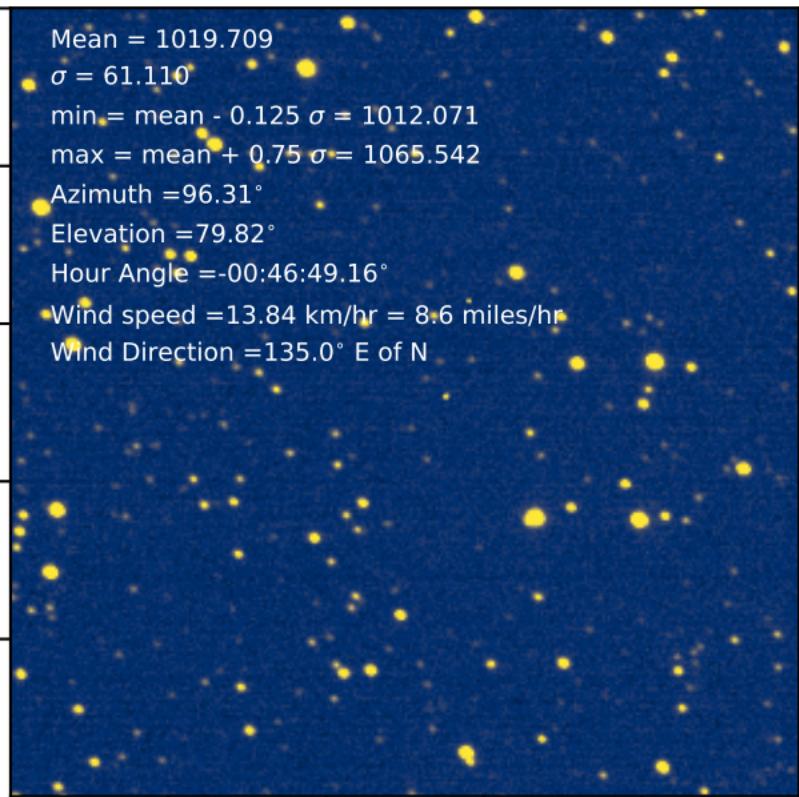
0

200

400

600

800



0

Mean = 1030.337

σ = 70.538

min = mean - 0.125 σ = 1021.52

max = mean + 0.75 σ = 1083.241

Azimuth = 96.53°

Elevation = 80.0°

Hour Angle = -00:45:59.02°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

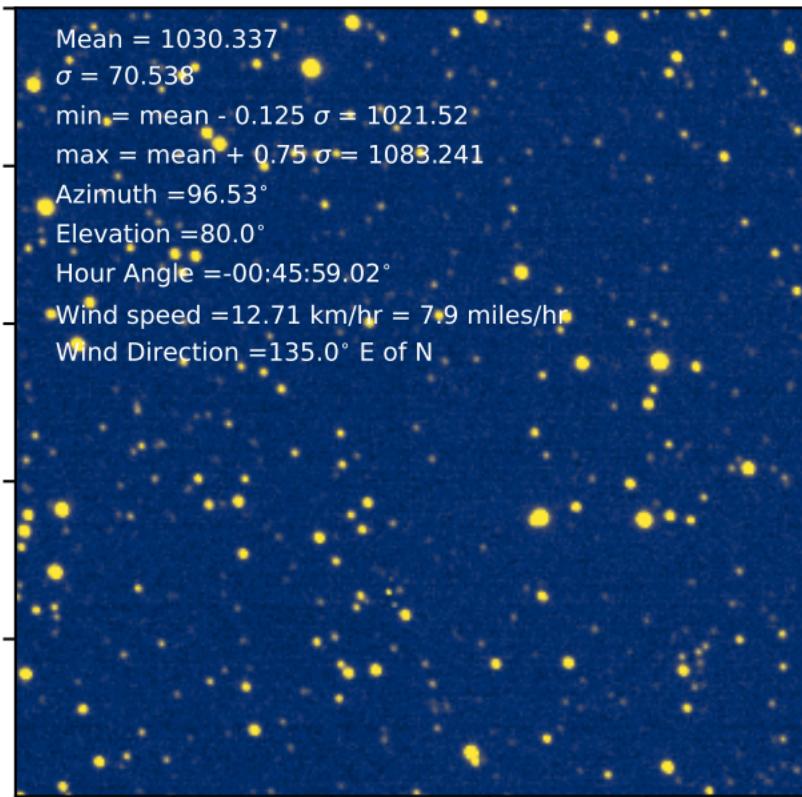
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1020.105

σ = 59.551

min = mean - 0.125 σ = 1012.661

max = mean + 0.75 σ = 1064.768

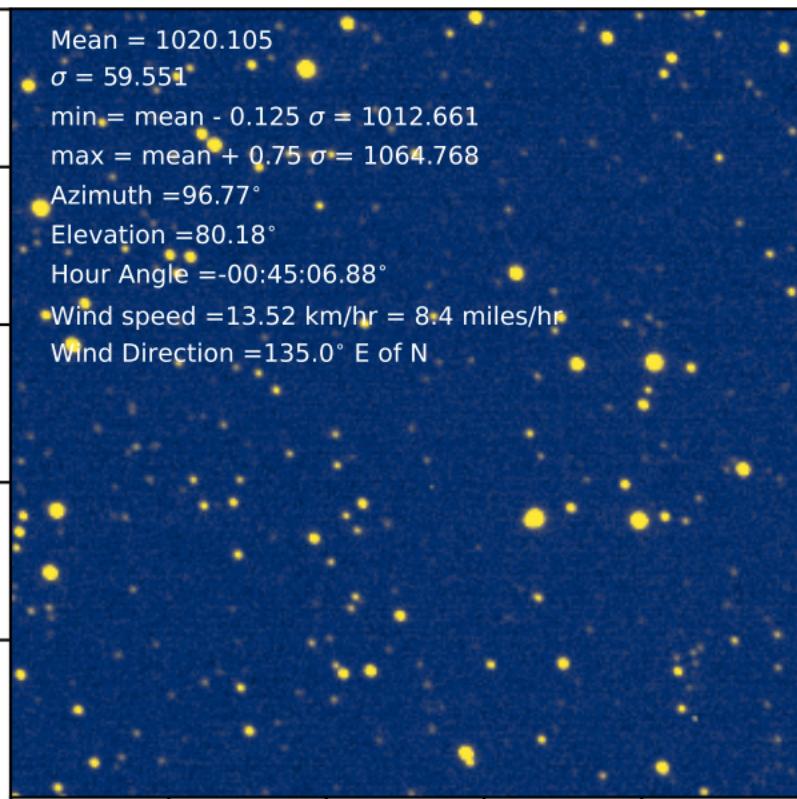
Azimuth = 96.77°

Elevation = 80.18°

Hour Angle = -00:45:06.88°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1030.434

σ = 56.743

min = mean - 0.125 σ = 1023.341

max = mean + 0.75 σ = 1072.99

Azimuth = 97.82°

Elevation = 80.94°

Hour Angle = -00:41:32.29°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1020.429

σ = 58.839

min = mean - 0.125 σ = 1013.074

max = mean + 0.75 σ = 1064.558

Azimuth = 98.08°

Elevation = 81.11°

Hour Angle = -00:40:43.16°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

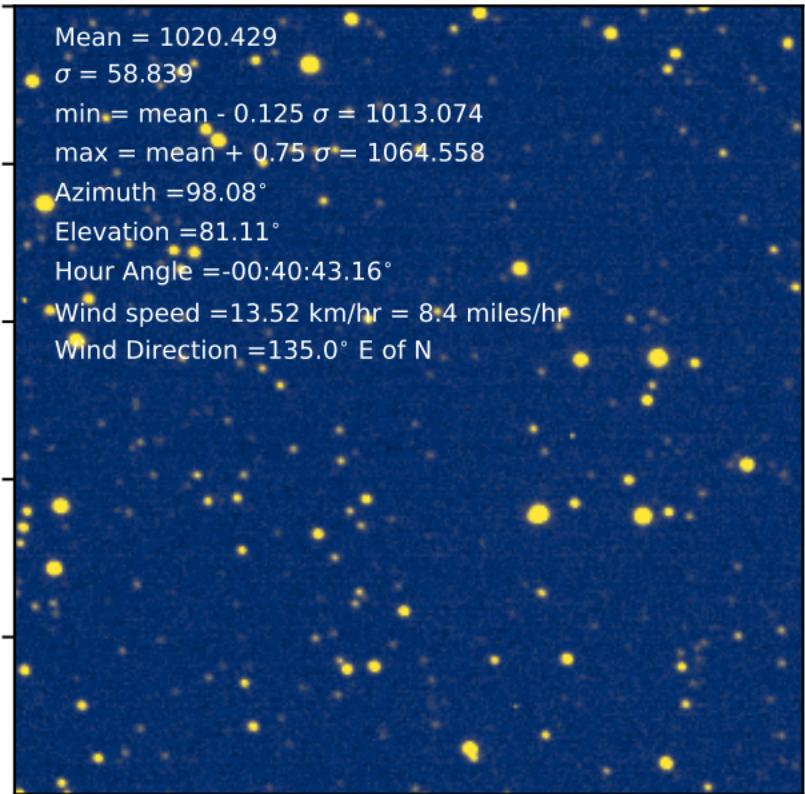
0

200

400

600

800



0

Mean = 1029.977

σ = 57.553

min = mean - 0.125 σ = 1022.783

max = mean + 0.75 σ = 1073.141

Azimuth = 98.36°

Elevation = 81.29°

Hour Angle = -00:39:51.01°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

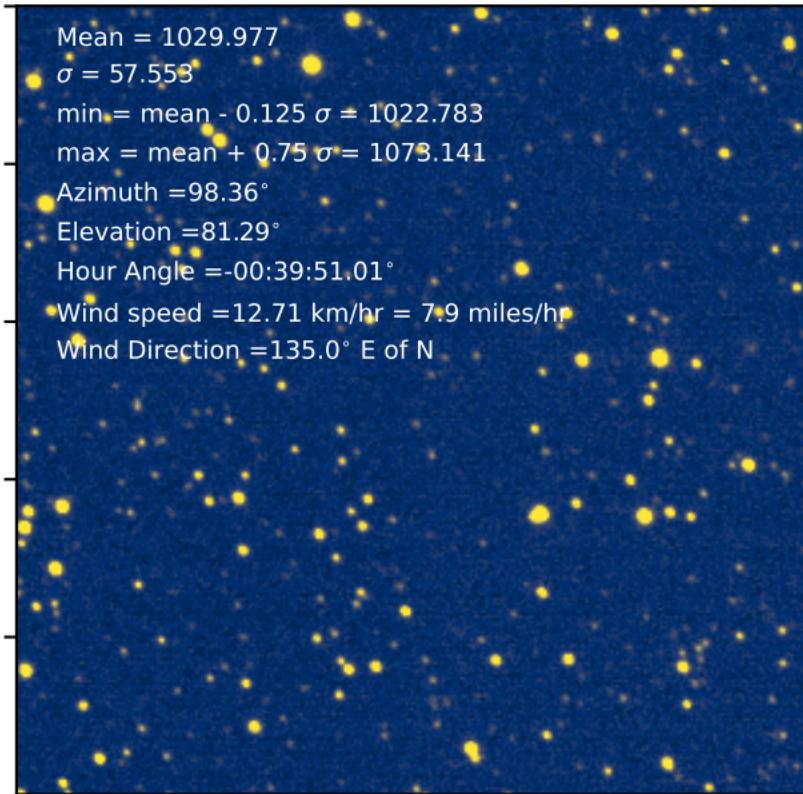
0

200

400

600

800



0

Mean = 1032.382

σ = 67.733

min = mean - 0.125 σ = 1023.916

max = mean + 0.75 σ = 1083.182

Azimuth = 98.63°

Elevation = 81.46°

Hour Angle = -00:39:03.89°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

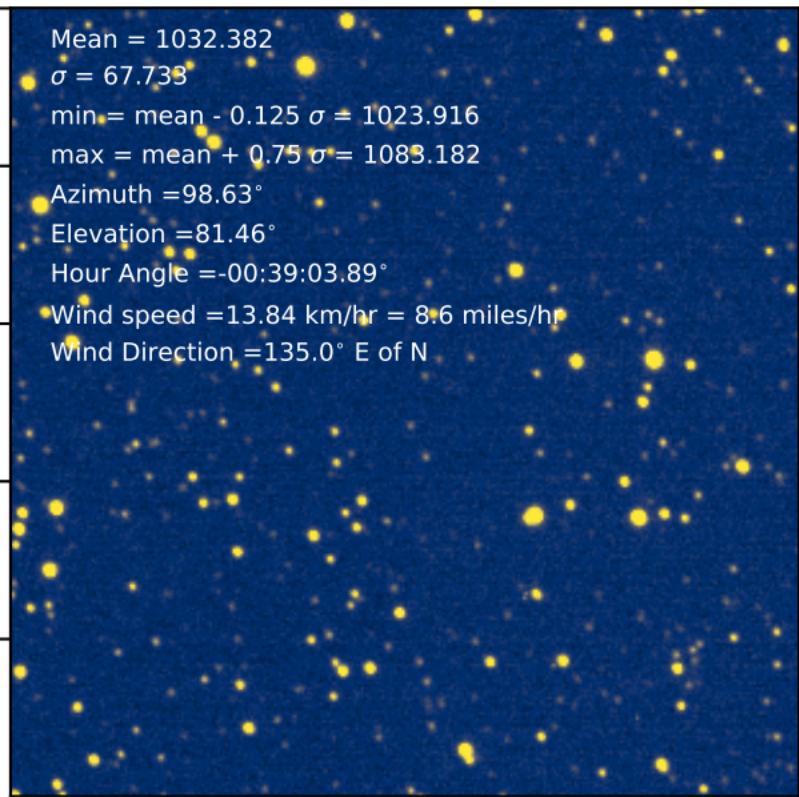
0

200

400

600

800



0

Mean = 1032.572

σ = 67.132

min = mean - 0.125 σ = 1024.18

max = mean + 0.75 σ = 1082.921

Azimuth = 98.91°

Elevation = 81.63°

Hour Angle = -00:38:15.75°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

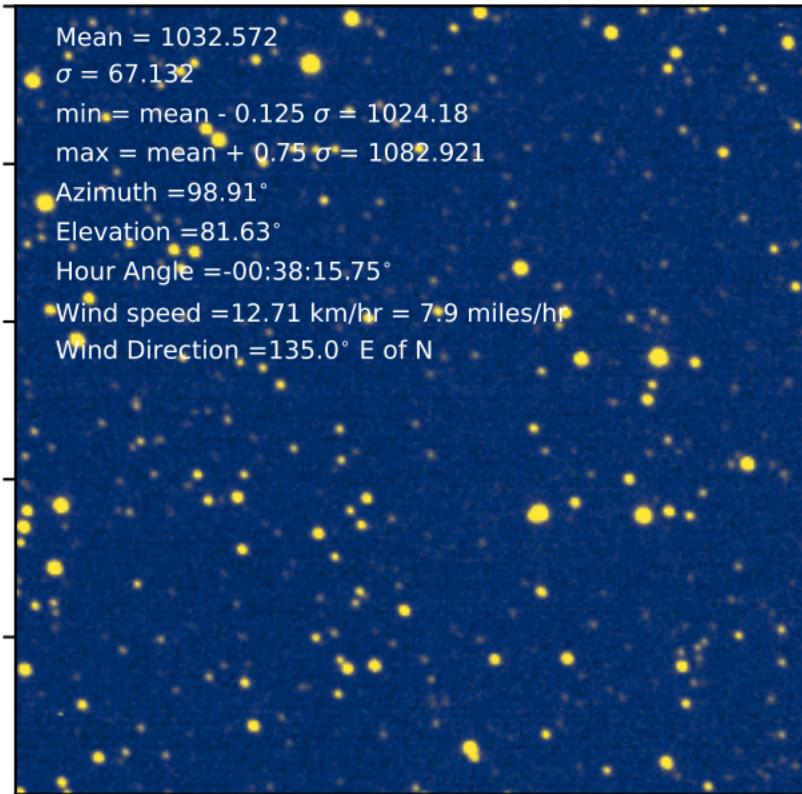
0

200

400

600

800



0

Mean = 1020.572

σ = 58.057

min = mean - 0.125 σ = 1013.315

max = mean + 0.75 σ = 1064.115

Azimuth = 99.23°

Elevation = 81.81°

Hour Angle = -00:37:22.61°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

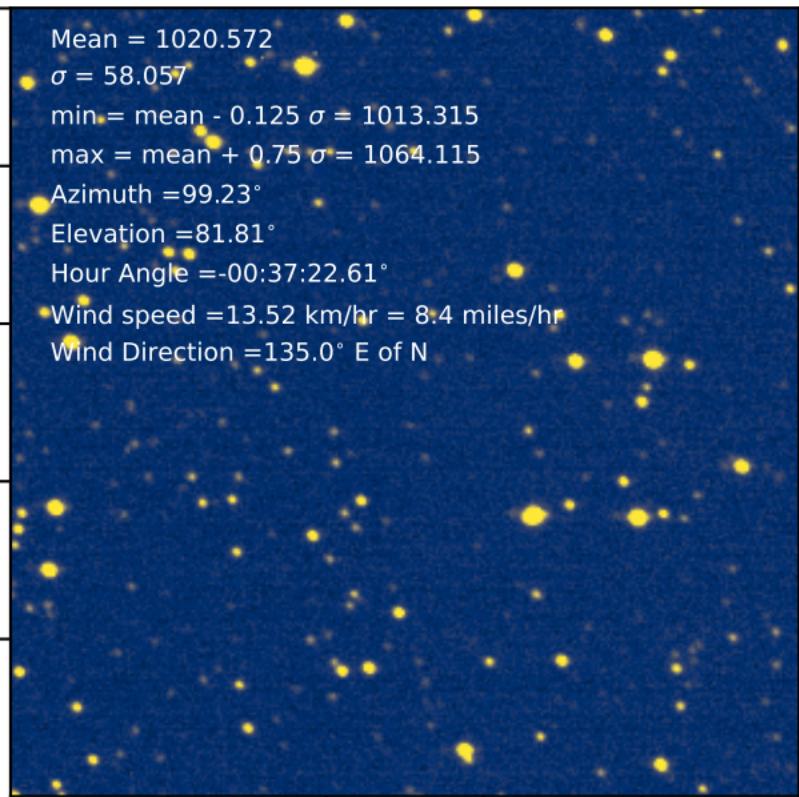
0

200

400

600

800



0

Mean = 1033.262

σ = 64.112

min = mean - 0.125 σ = 1025.248

max = mean + 0.75 σ = 1081.346

Azimuth = 99.53°

Elevation = 81.98°

Hour Angle = -00:36:34.48°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

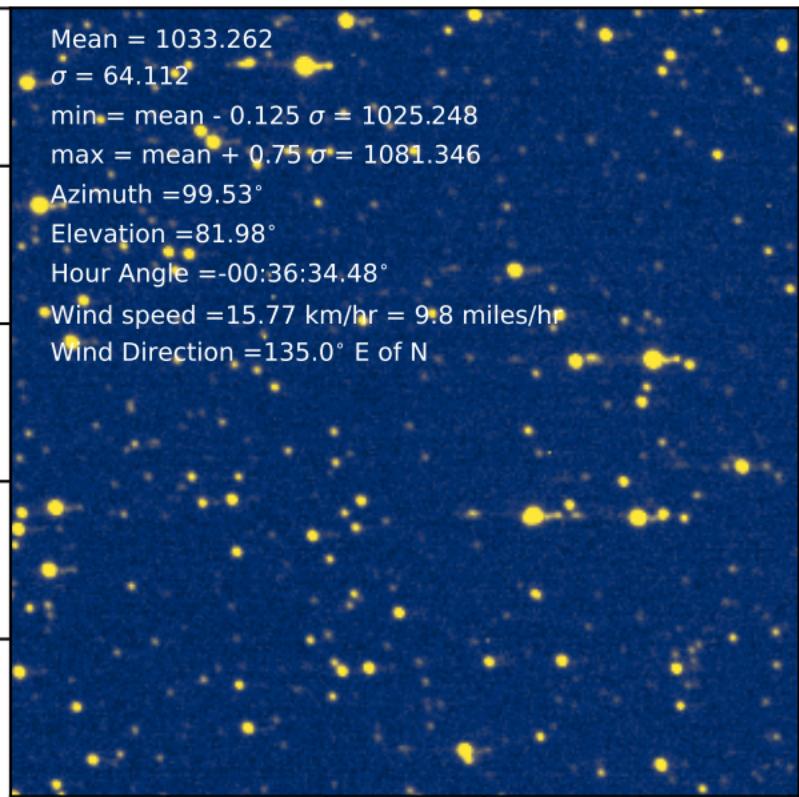
0

200

400

600

800



0

Mean = 1021.150

σ = 56.663

min = mean - 0.125 σ = 1014.067

max = mean + 0.75 σ = 1063.647

Azimuth = 99.88°

Elevation = 82.17°

Hour Angle = -00:35:41.33°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

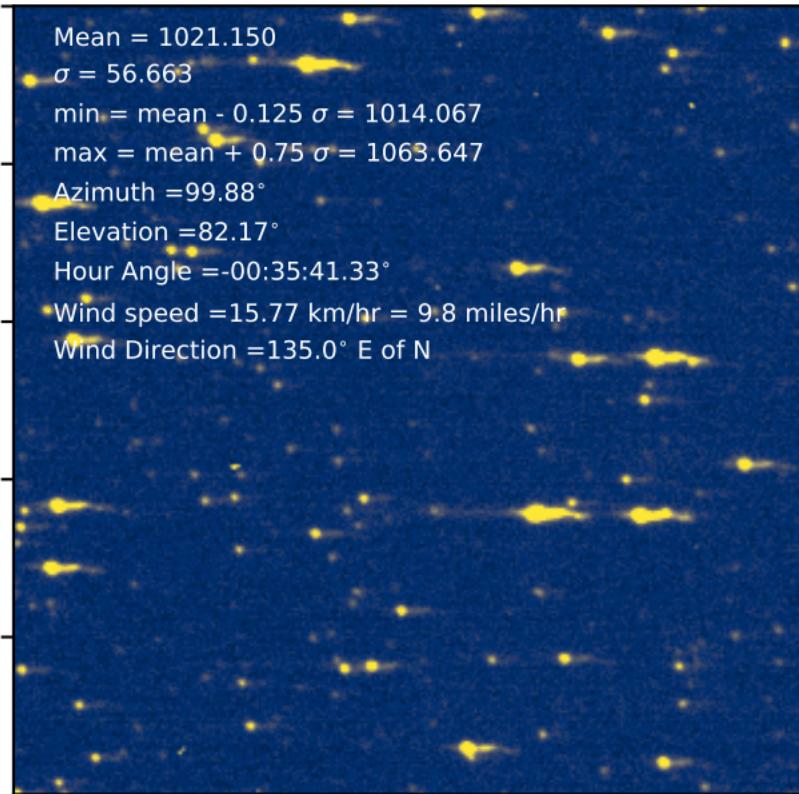
0

200

400

600

800



0

Mean = 1034.487

σ = 63.880

min = mean - 0.125 σ = 1026.502

max = mean + 0.75 σ = 1082.397

Azimuth = 100.21°

Elevation = 82.34°

Hour Angle = -00:34:52.20°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

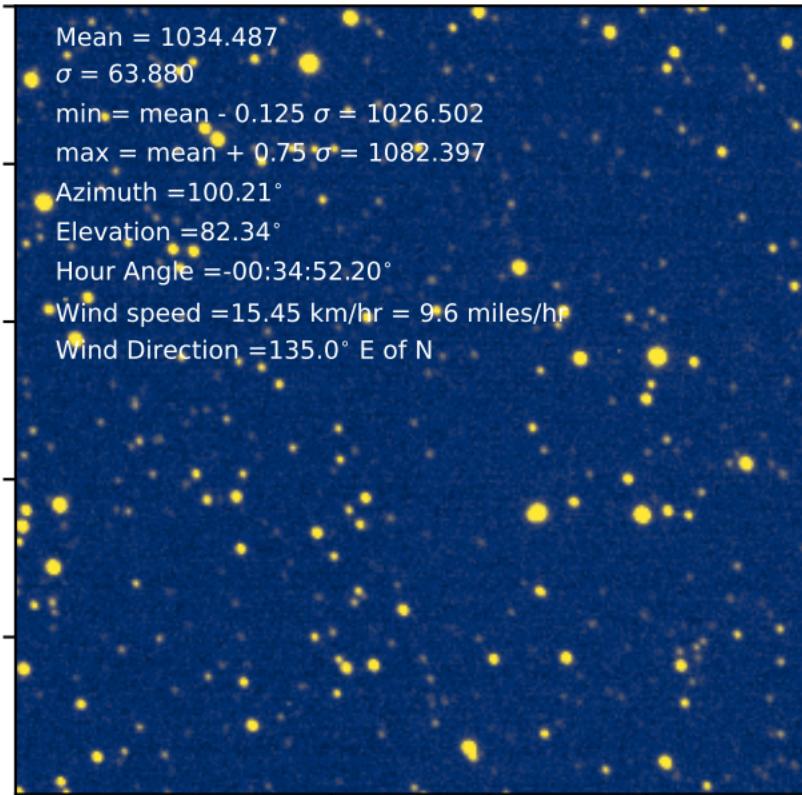
0

200

400

600

800



0

Mean = 1021.413

σ = 55.577

min = mean - 0.125 σ = 1014.466

max = mean + 0.75 σ = 1063.095

Azimuth = 100.58°

Elevation = 82.52°

Hour Angle = -00:33:59.05°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

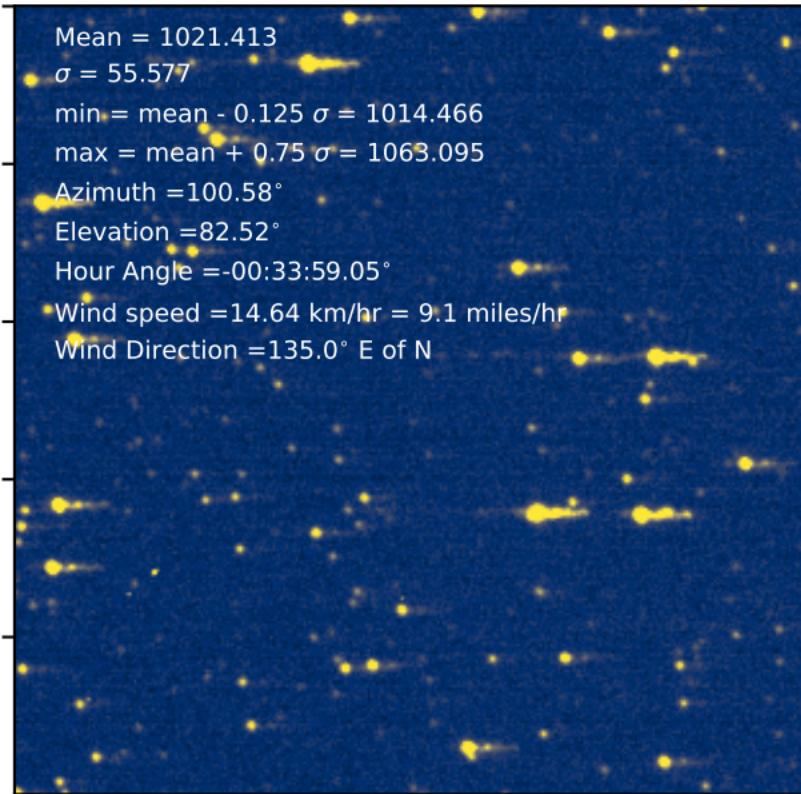
0

200

400

600

800



0

Mean = 1034.370

σ = 64.606

min = mean - 0.125 σ = 1026.294

max = mean + 0.75 σ = 1082.824

Azimuth = 100.91°

Elevation = 82.68°

Hour Angle = -00:33:12.93°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

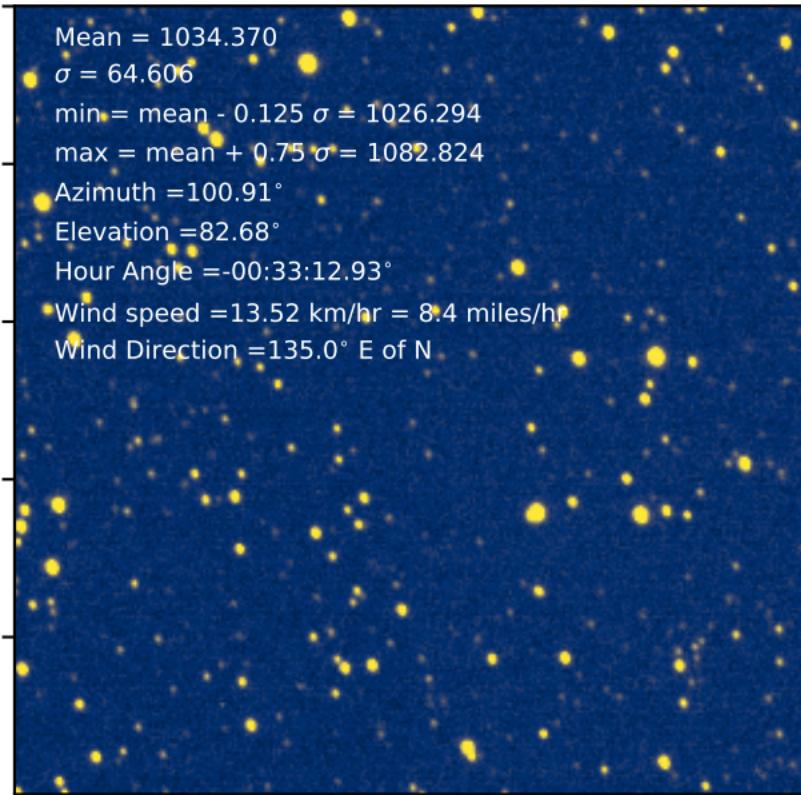
0

200

400

600

800



0

Mean = 1031.183

σ = 54.729

min = mean - 0.125 σ = 1024.342

max = mean + 0.75 σ = 1072.23

Azimuth = 101.32°

Elevation = 82.87°

Hour Angle = -00:32:18.78°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

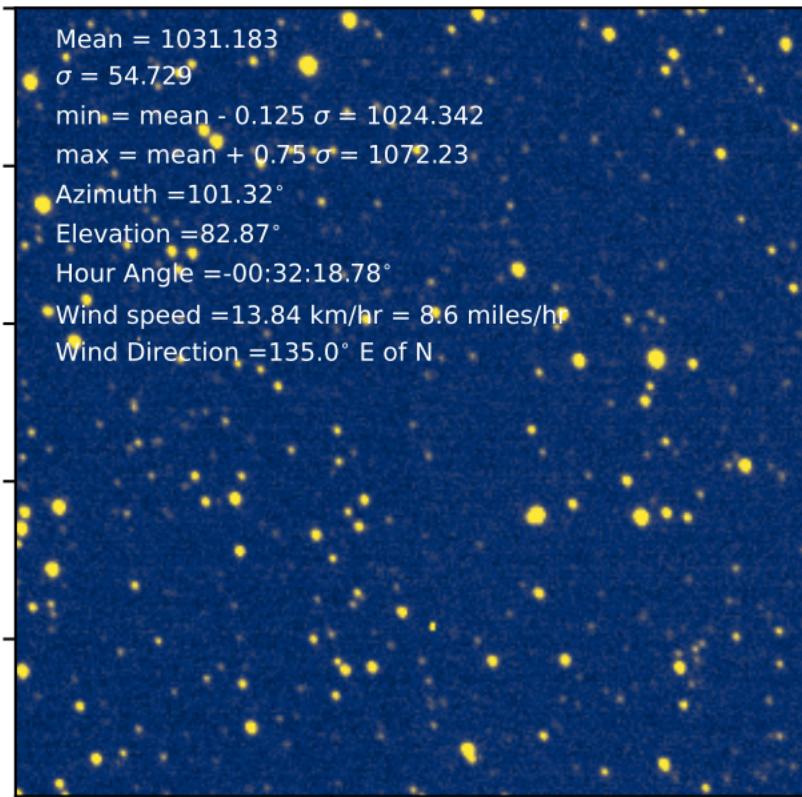
0

200

400

600

800



0

Mean = 1034.864

σ = 63.496

min = mean - 0.125 σ = 1026.927

max = mean + 0.75 σ = 1082.486

Azimuth = 101.7°

Elevation = 83.04°

Hour Angle = -00:31:31.65°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.529

σ = 53.546

min = mean - 0.125 σ = 1024.836

max = mean + 0.75 σ = 1071.689

Azimuth = 102.15°

Elevation = 83.22°

Hour Angle = -00:30:37.50°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

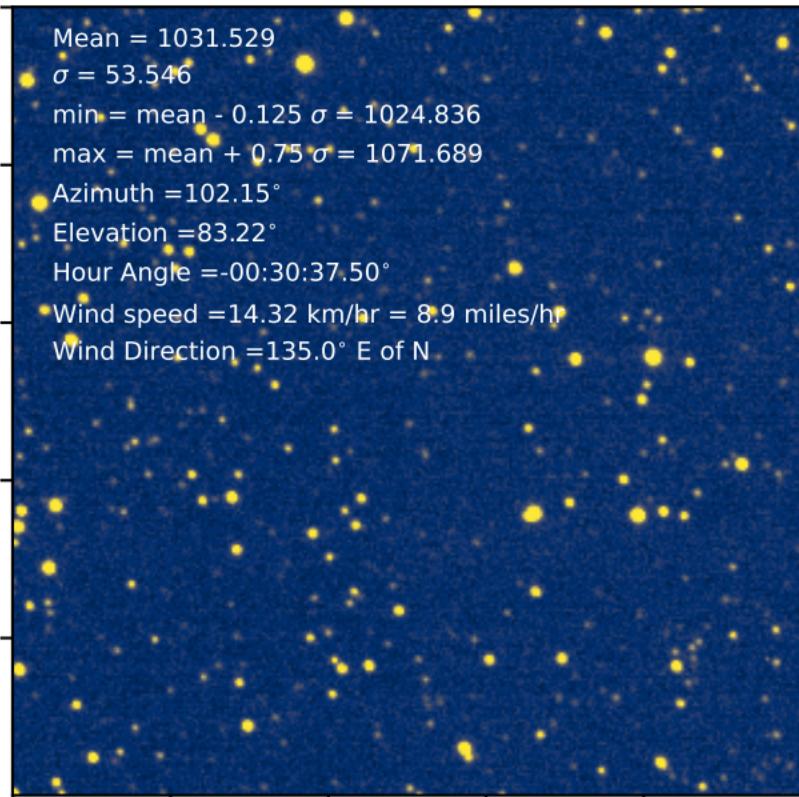
0

200

400

600

800



0

Mean = 1034.804

σ = 63.966

min = mean - 0.125 σ = 1026.808

max = mean + 0.75 σ = 1082.779

Azimuth = 102.55°

Elevation = 83.39°

Hour Angle = -00:29:50.37°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

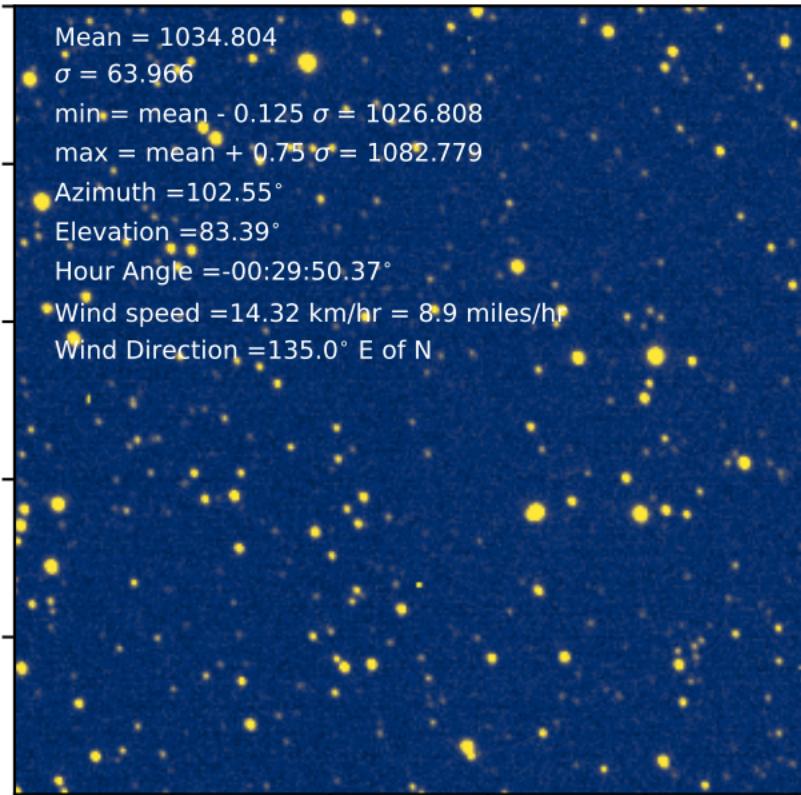
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1034.130

σ = 64.825

min = mean - 0.125 σ = 1026.026

max = mean + 0.75 σ = 1082.749

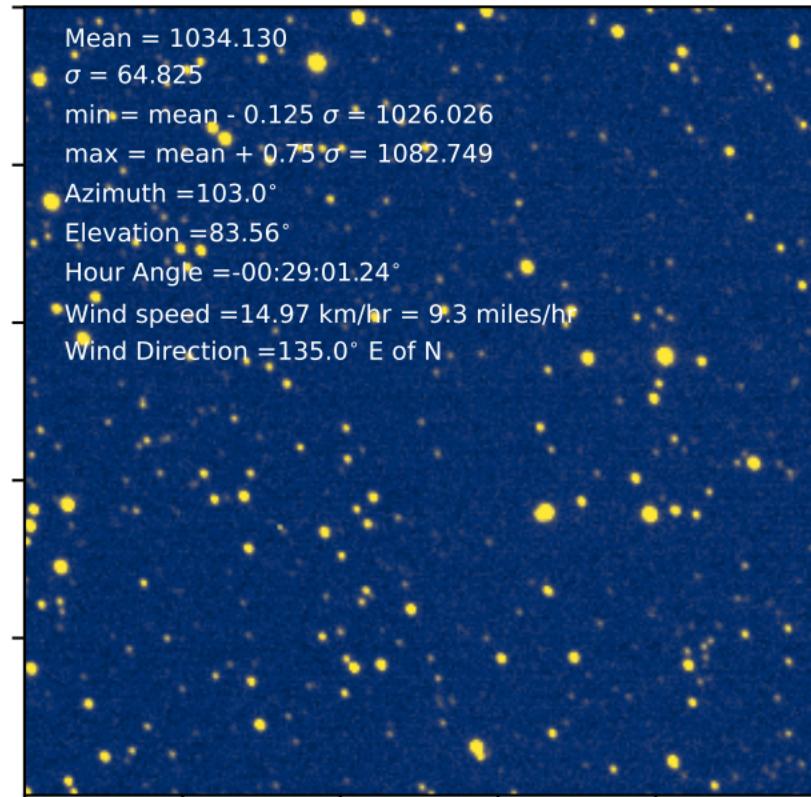
Azimuth = 103.0°

Elevation = 83.56°

Hour Angle = -00:29:01.24°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1020.640

σ = 56.997

min = mean - 0.125 σ = 1013.515

max = mean + 0.75 σ = 1063.388

Azimuth = 103.49°

Elevation = 83.74°

Hour Angle = -00:28:09.10°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

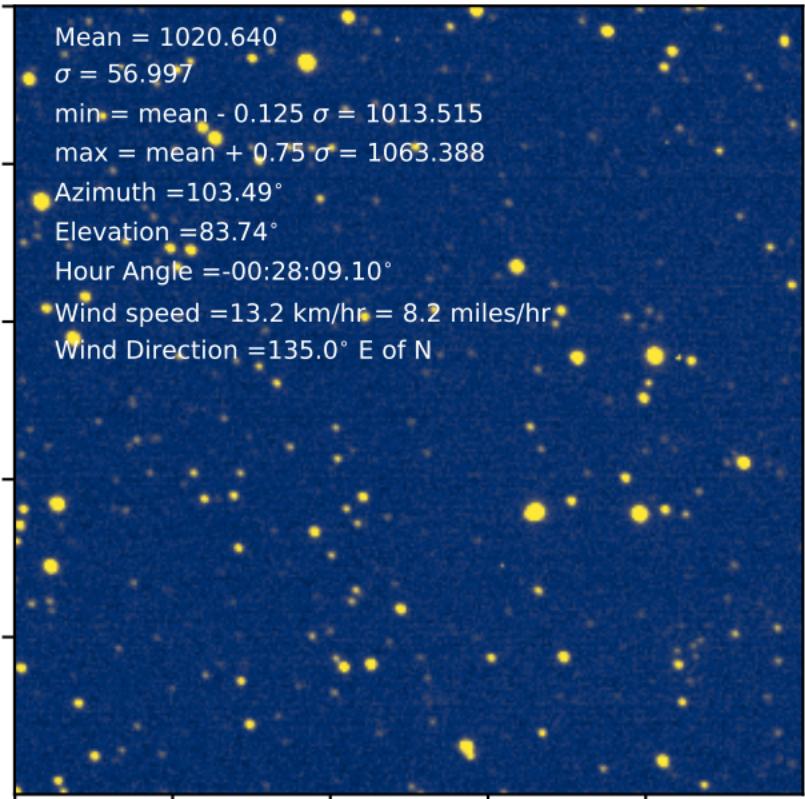
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1031.442

σ = 56.629

min = mean - 0.125 σ = 1024.363

max = mean + 0.75 σ = 1073.914

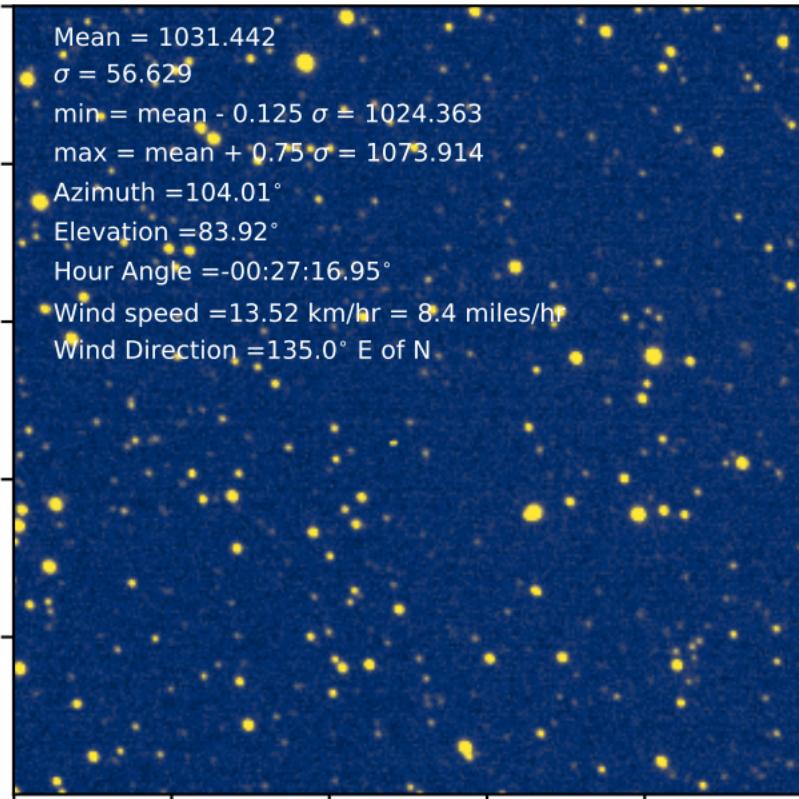
Azimuth = 104.01°

Elevation = 83.92°

Hour Angle = -00:27:16.95°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1020.653

σ = 56.904

min = mean - 0.125 σ = 1013.54

max = mean + 0.75 σ = 1063.331

Azimuth = 104.53°

Elevation = 84.09°

Hour Angle = -00:26:27.82°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1031.687

σ = 54.633

min = mean - 0.125 σ = 1024.857

max = mean + 0.75 σ = 1072.662

Azimuth = 105.11°

Elevation = 84.26°

Hour Angle = -00:25:35.68°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

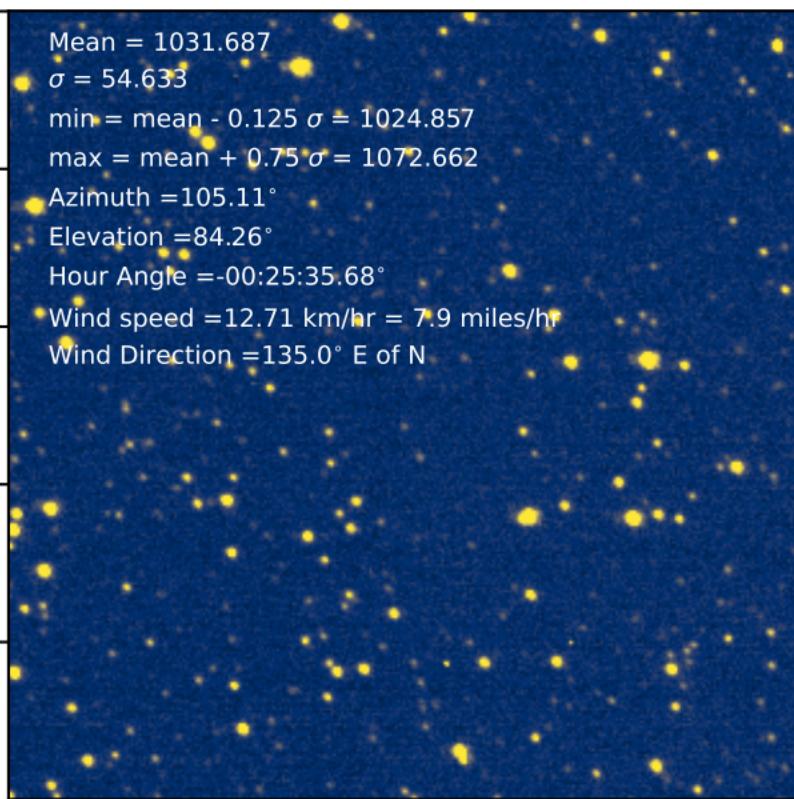
0

200

400

600

800



0

Mean = 1020.924

σ = 55.931

min = mean - 0.125 σ = 1013.932

max = mean + 0.75 σ = 1062.872

Azimuth = 105.68°

Elevation = 84.43°

Hour Angle = -00:24:46.54°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

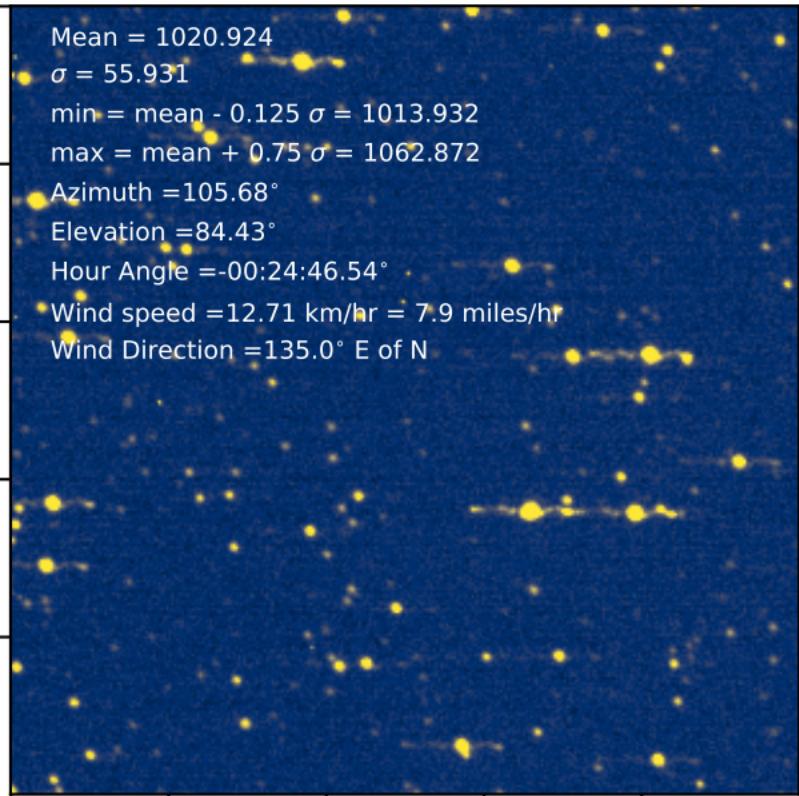
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1033.084

σ = 66.341

min = mean - 0.125 σ = 1024.792

max = mean + 0.75 σ = 1082.84

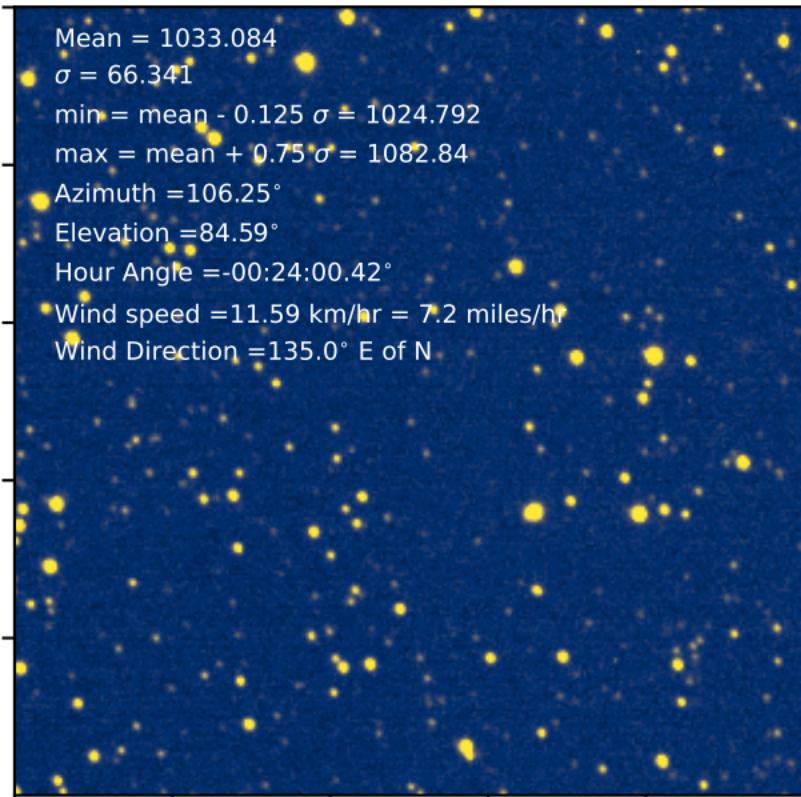
Azimuth = 106.25°

Elevation = 84.59°

Hour Angle = -00:24:00.42°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1030.349

σ = 55.774

min = mean - 0.125 σ = 1023.377

max = mean + 0.75 σ = 1072.18

Azimuth = 106.96°

Elevation = 84.77°

Hour Angle = -00:23:06.27°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

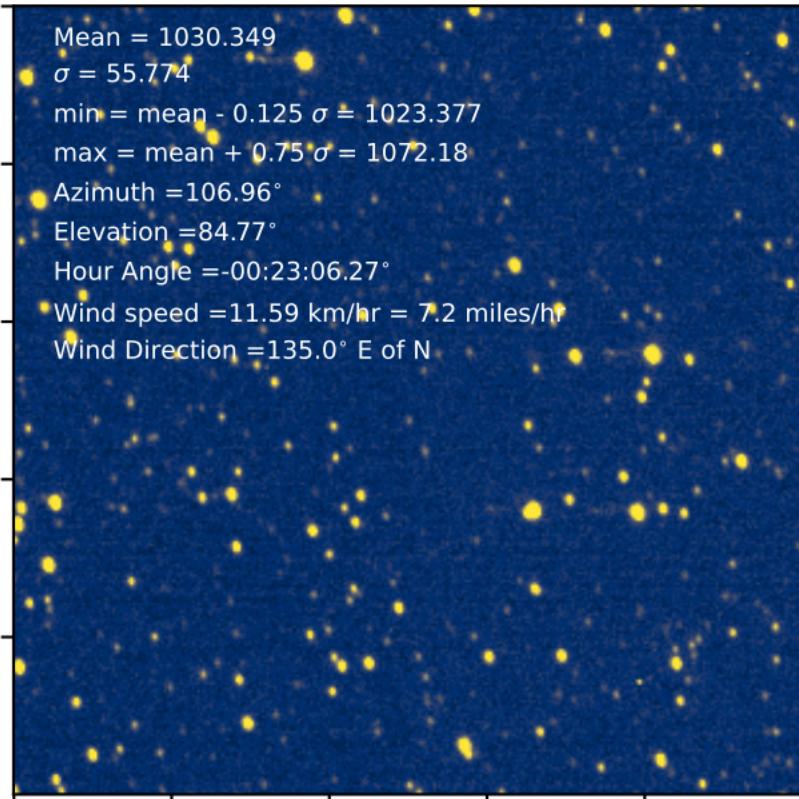
0

200

400

600

800



0

Mean = 1033.469

σ = 62.844

min = mean - 0.125 σ = 1025.613

max = mean + 0.75 σ = 1080.602

Azimuth = 107.61°

Elevation = 84.93°

Hour Angle = -00:22:19.14°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

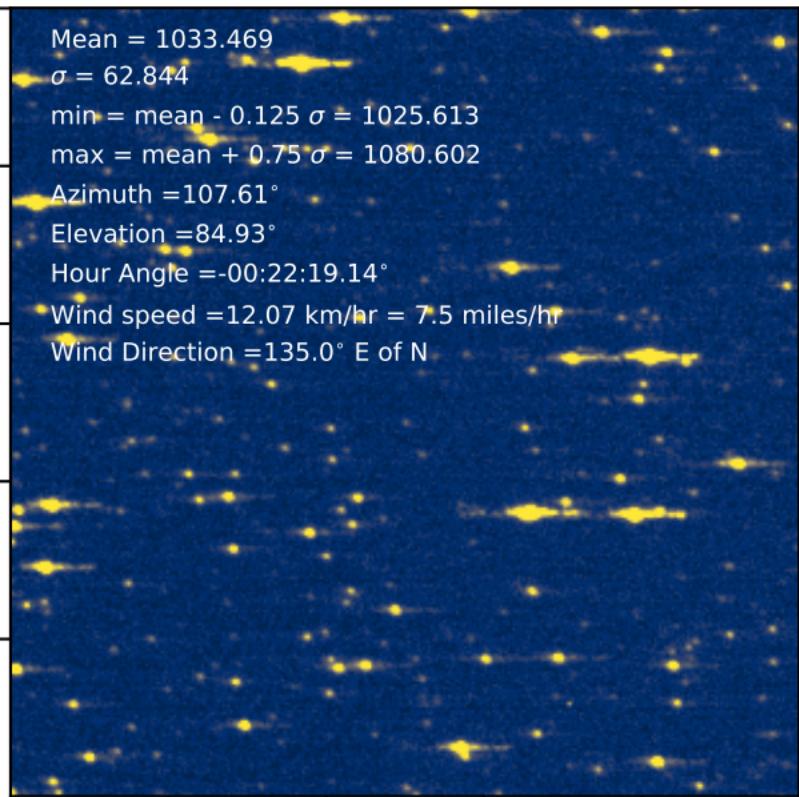
0

200

400

600

800



0

Mean = 1020.153

σ = 59.104

min = mean - 0.125 σ = 1012.765

max = mean + 0.75 σ = 1064.481

Azimuth = 108.4°

Elevation = 85.11°

Hour Angle = -00:21:26.00°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

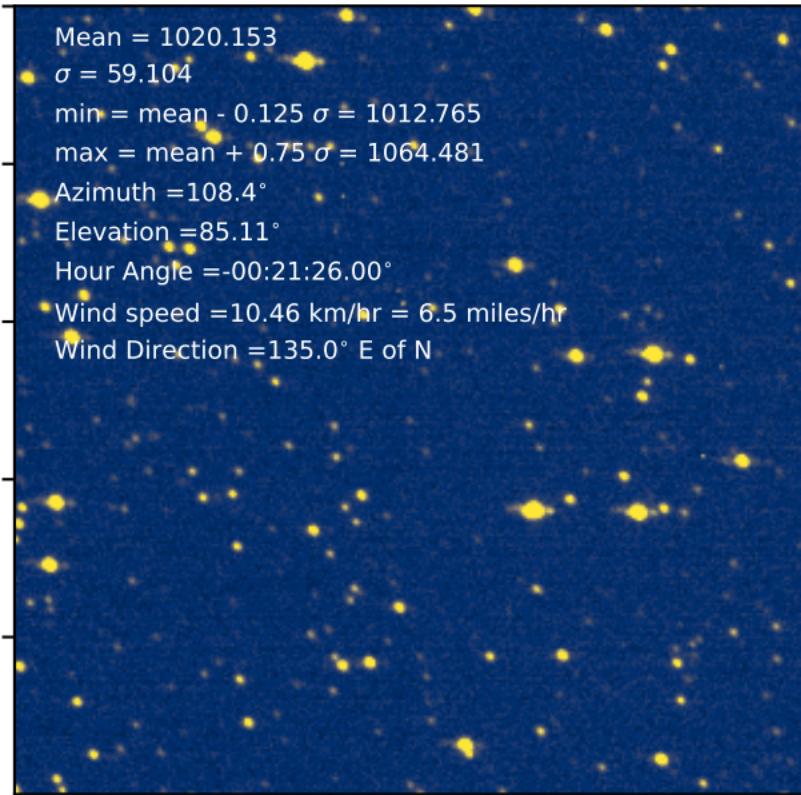
0

200

400

600

800



0

Mean = 1032.513

σ = 68.099

min = mean - 0.125 σ = 1024.0

max = mean + 0.75 σ = 1083.587

Azimuth = 109.15°

Elevation = 85.27°

Hour Angle = -00:20:37.87°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

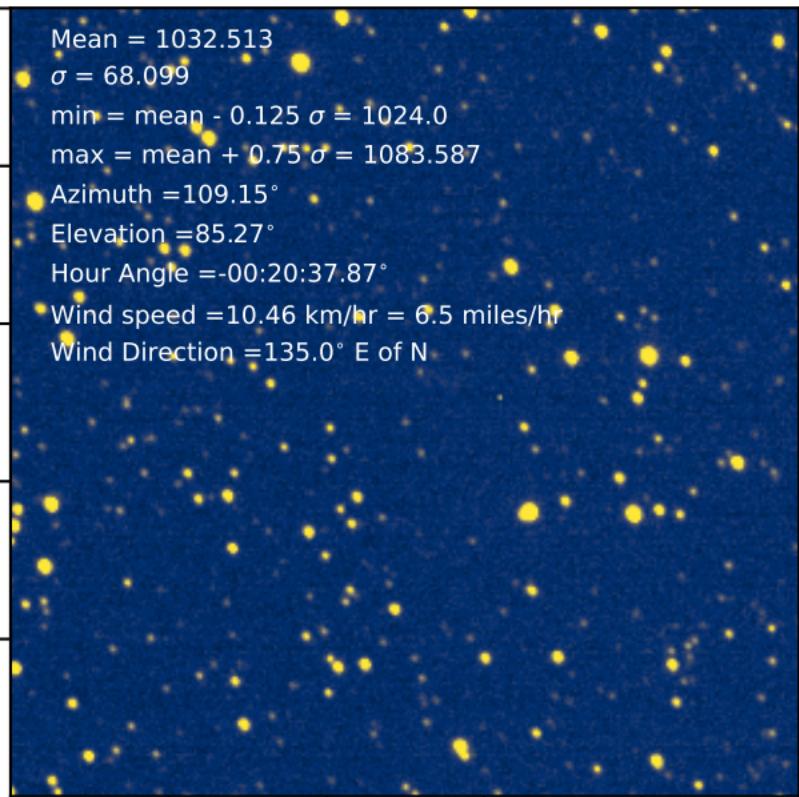
0

200

400

600

800



0

Mean = 1020.367

σ = 58.203

min = mean - 0.125 σ = 1013.092

max = mean + 0.75 σ = 1064.02

Azimuth = 110.05°

Elevation = 85.45°

Hour Angle = -00:19:44.72°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

200

400

600

800

0

200

400

600

800

Mean = 1020.089

σ = 59.031

min = mean - 0.125 σ = 1012.71

max = mean + 0.75 σ = 1064.363

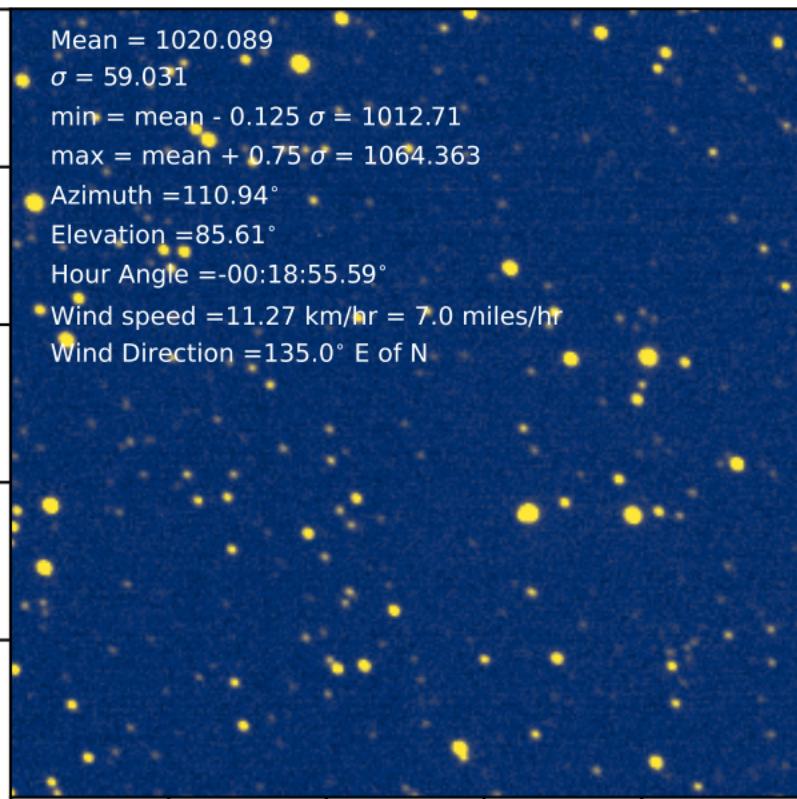
Azimuth = 110.94°

Elevation = 85.61°

Hour Angle = -00:18:55.59°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N



0

200

400

600

800

0

200

400

600

800

Mean = 1031.612

σ = 56.862

min = mean - 0.125 σ = 1024.505

max = mean + 0.75 σ = 1074.259

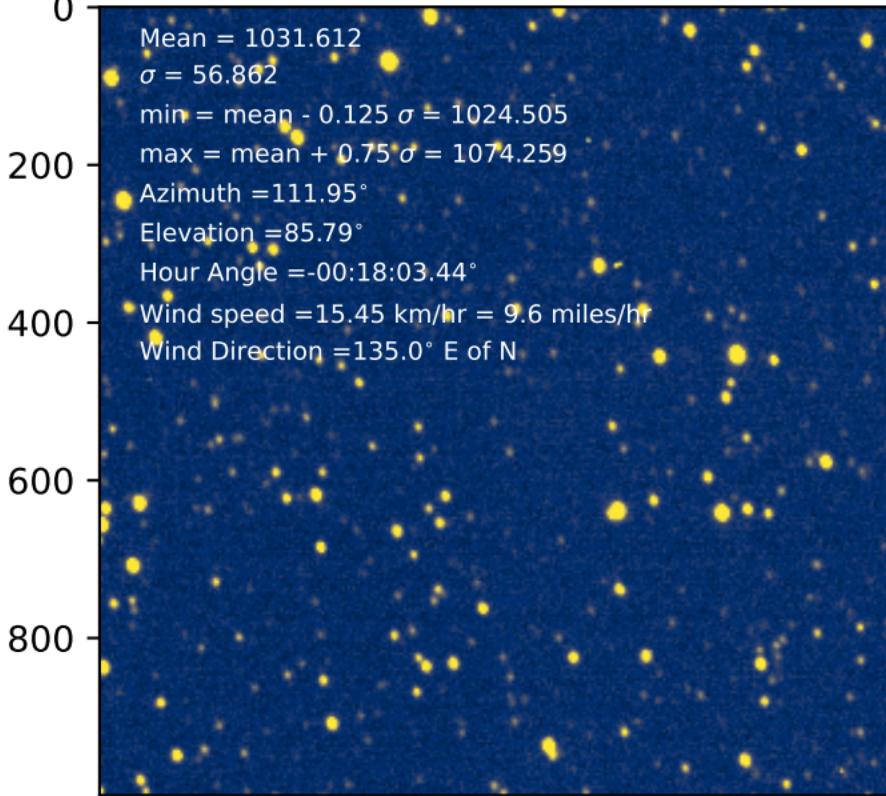
Azimuth = 111.95°

Elevation = 85.79°

Hour Angle = -00:18:03.44°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N



0

200

400

600

800

0

200

400

600

800

Mean = 1020.206

σ = 59.117

min = mean - 0.125 σ = 1012.816

max = mean + 0.75 σ = 1064.544

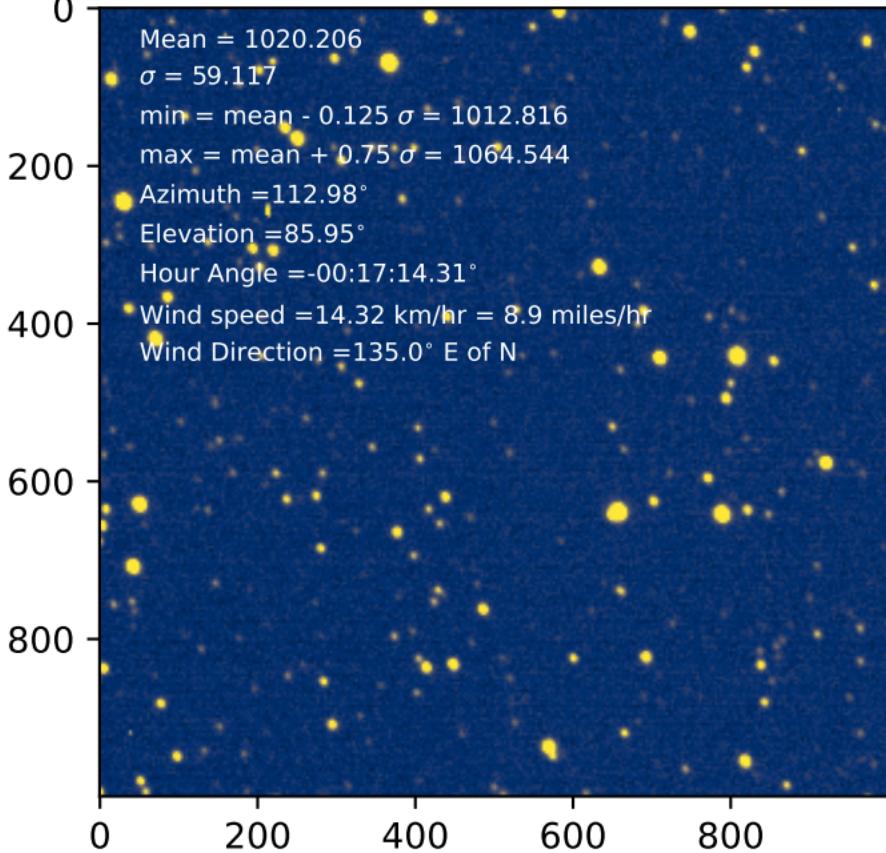
Azimuth = 112.98°

Elevation = 85.95°

Hour Angle = -00:17:14.31°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1031.581

σ = 53.631

min = mean - 0.125 σ = 1024.877

max = mean + 0.75 σ = 1071.804

Azimuth = 114.16°

Elevation = 86.12°

Hour Angle = -00:16:22.17°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

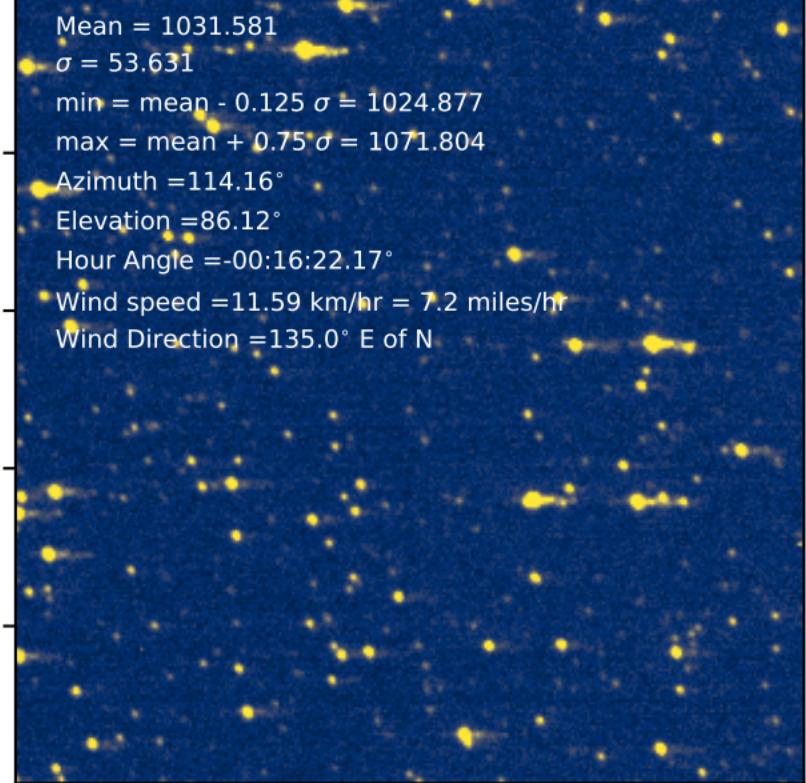
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1021.059

σ = 55.057

min = mean - 0.125 σ = 1014.176

max = mean + 0.75 σ = 1062.351

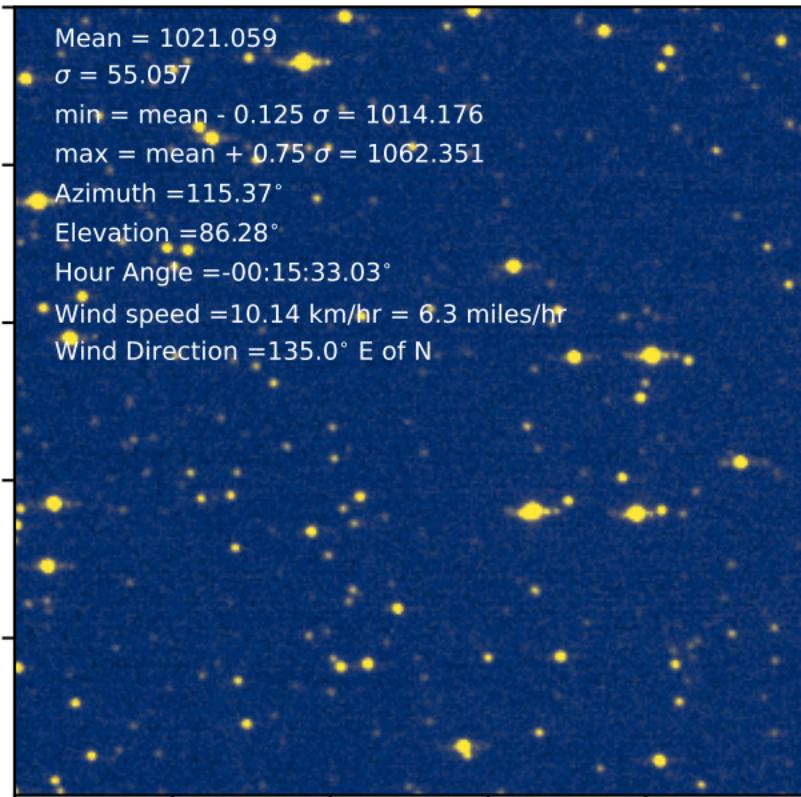
Azimuth = 115.37°

Elevation = 86.28°

Hour Angle = -00:15:33.03°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N



0

200

400

600

800

0

200

400

600

800

Mean = 1033.852

σ = 65.548

min = mean - 0.125 σ = 1025.659

max = mean + 0.75 σ = 1083.013

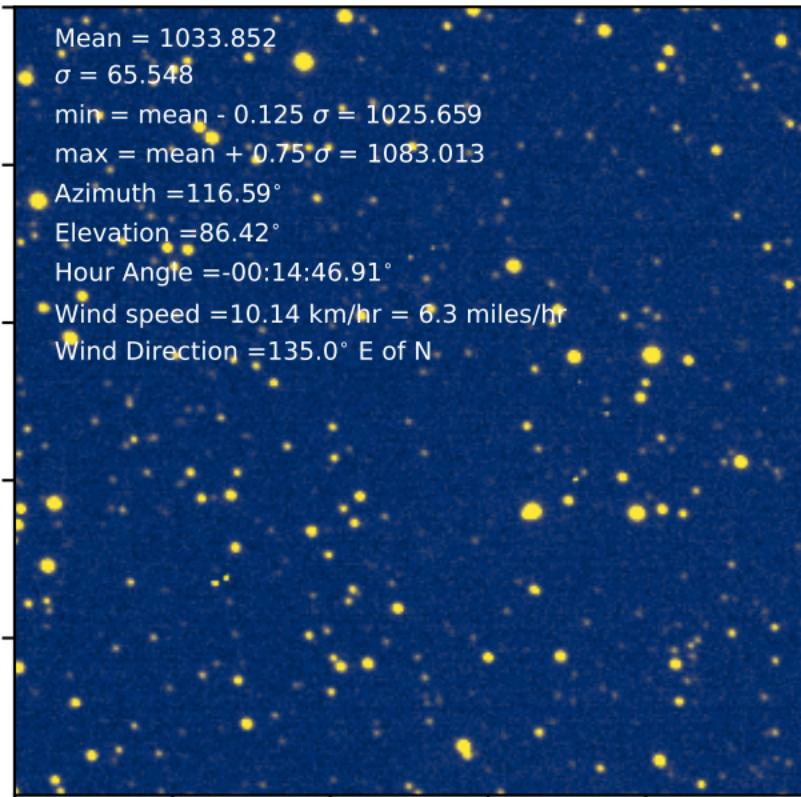
Azimuth = 116.59°

Elevation = 86.42°

Hour Angle = -00:14:46.91°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1021.200

σ = 57.307

min = mean - 0.125 σ = 1014.037

200

max = mean + 0.75 σ = 1064.18

Azimuth = 118.09°

Elevation = 86.59°

Hour Angle = -00:13:54.76°

400

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

600

800

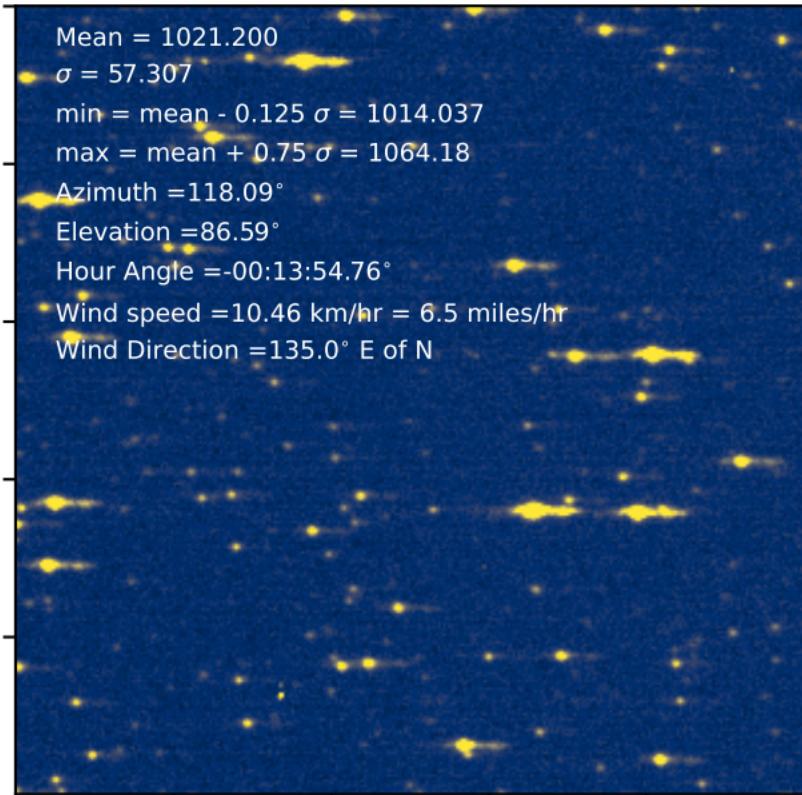
0

200

400

600

800



0

Mean = 1032.358

σ = 66.406

min = mean - 0.125 σ = 1024.057

max = mean + 0.75 σ = 1082.162

Azimuth = 119.64°

Elevation = 86.74°

Hour Angle = -00:13:05.63°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

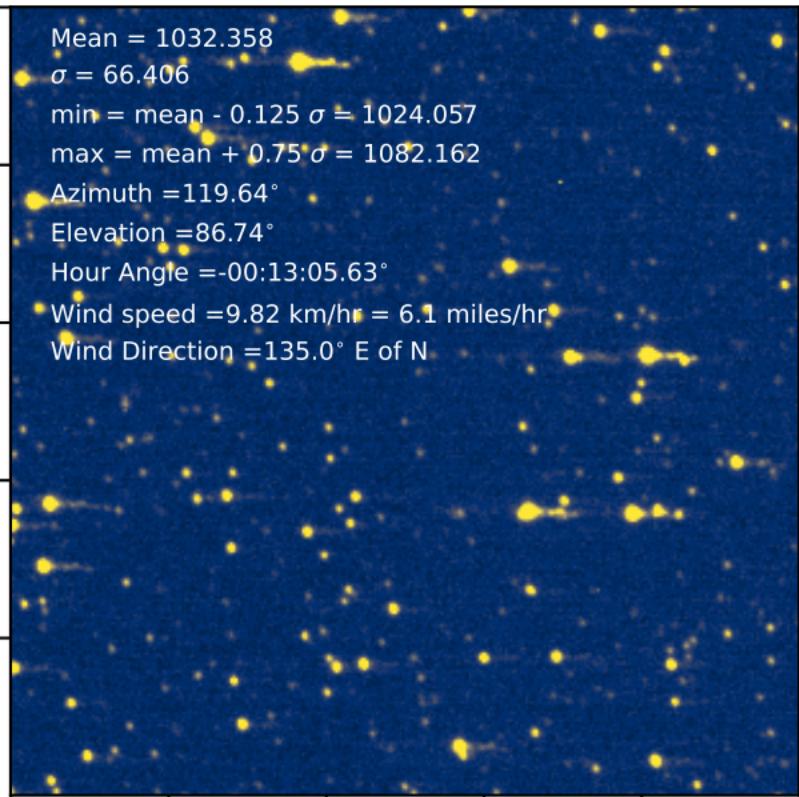
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1020.086

σ = 60.154

min = mean - 0.125 σ = 1012.567

max = mean + 0.75 σ = 1065.202

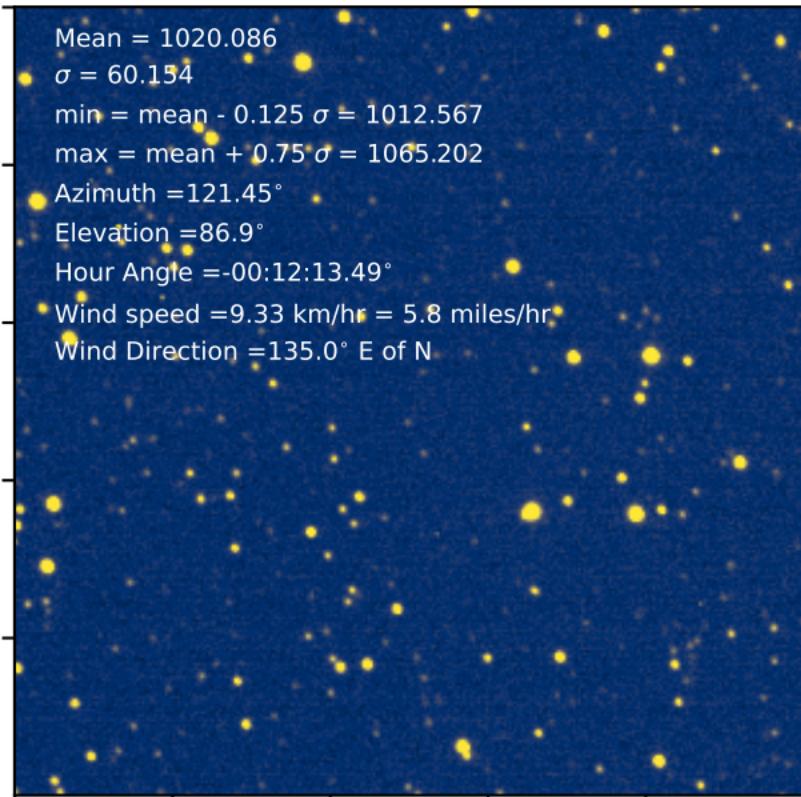
Azimuth = 121.45°

Elevation = 86.9°

Hour Angle = -00:12:13.49°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1031.838

σ = 68.648

min = mean - 0.125 σ = 1023.257

max = mean + 0.75 σ = 1083.324

Azimuth = 123.32°

Elevation = 87.05°

Hour Angle = -00:11:24.35°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

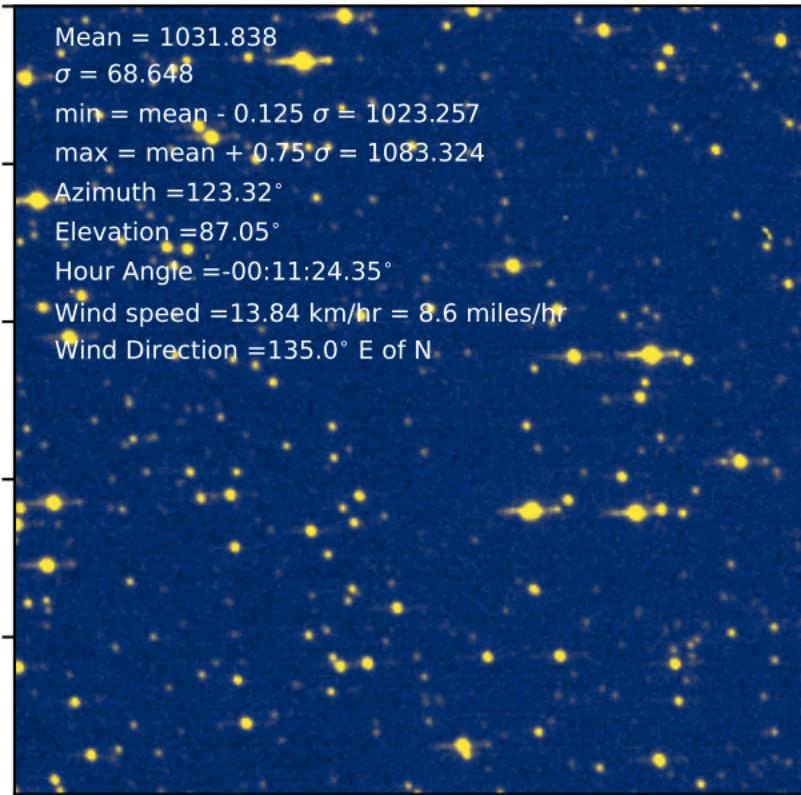
0

200

400

600

800



0

Mean = 1020.298

σ = 58.861

min = mean - 0.125 σ = 1012.941

max = mean + 0.75 σ = 1064.445

Azimuth = 125.51°

Elevation = 87.2°

Hour Angle = -00:10:32.21°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

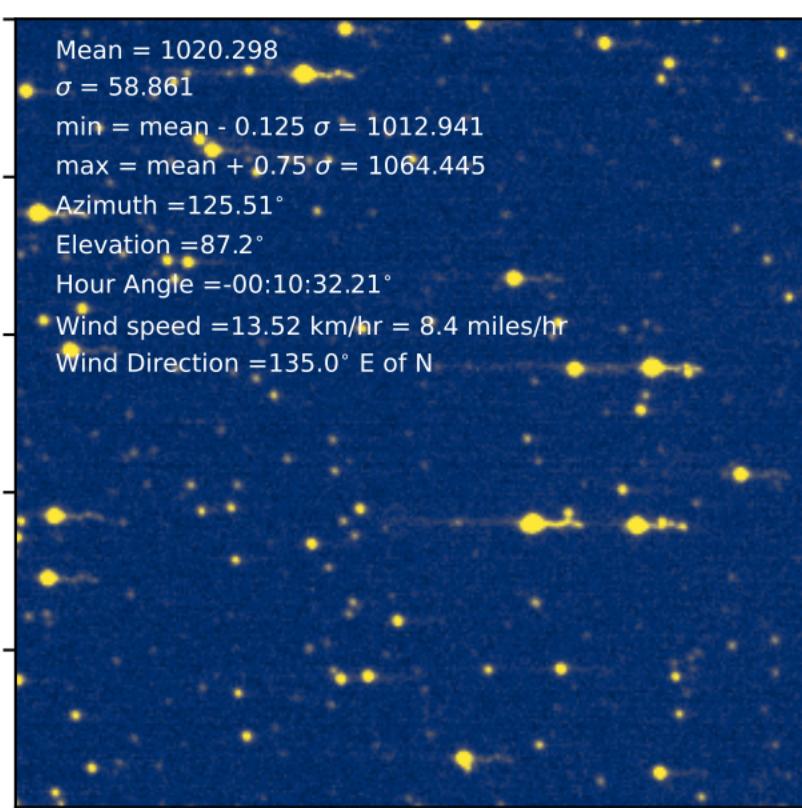
0

200

400

600

800



0

Mean = 1020.260

σ = 61.315

min = mean - 0.125 σ = 1012.595

max = mean + 0.75 σ = 1066.246

Azimuth = 127.75°

Elevation = 87.34°

Hour Angle = -00:09:44.08°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

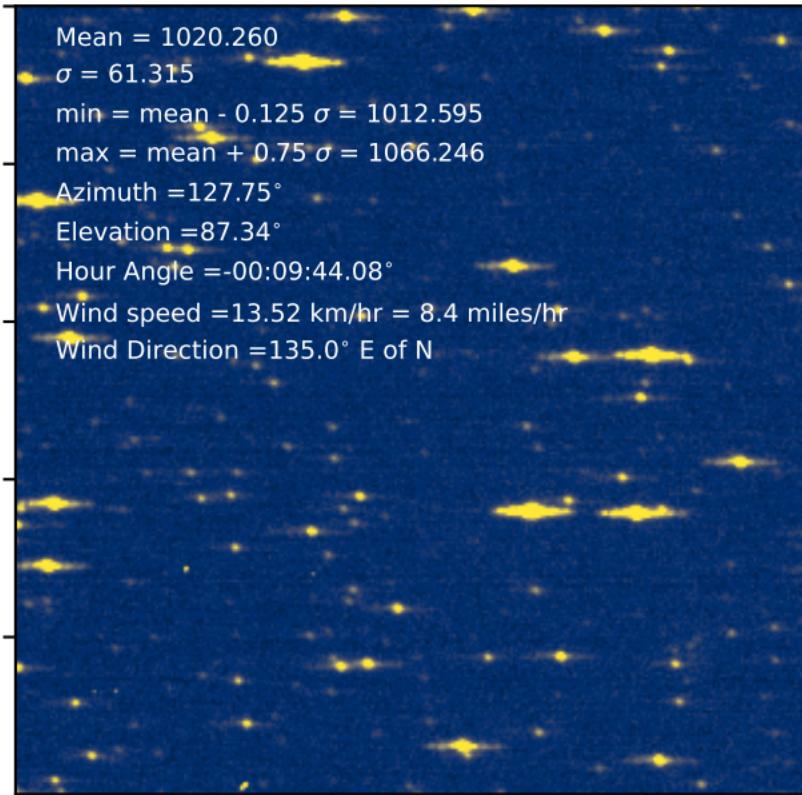
0

200

400

600

800



0

Mean = 1031.155

σ = 54.395

min = mean - 0.125 σ = 1024.355

max = mean + 0.75 σ = 1071.951

Azimuth = 130.44°

Elevation = 87.48°

Hour Angle = -00:08:51.94°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

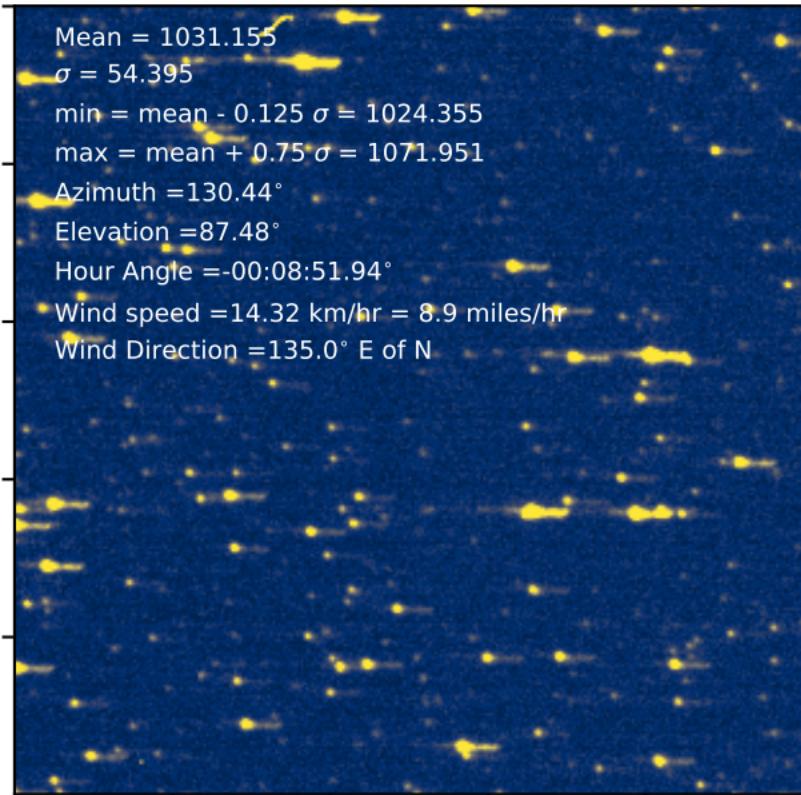
0

200

400

600

800



0

Mean = 1031.890

σ = 65.493

min = mean - 0.125 σ = 1023.704

max = mean + 0.75 σ = 1081.01

Azimuth = 133.14°

Elevation = 87.6°

Hour Angle = -00:08:04.81°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.155

σ = 55.188

min = mean - 0.125 σ = 1024.257

max = mean + 0.75 σ = 1072.546

Azimuth = 136.58°

Elevation = 87.74°

Hour Angle = -00:07:10.66°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

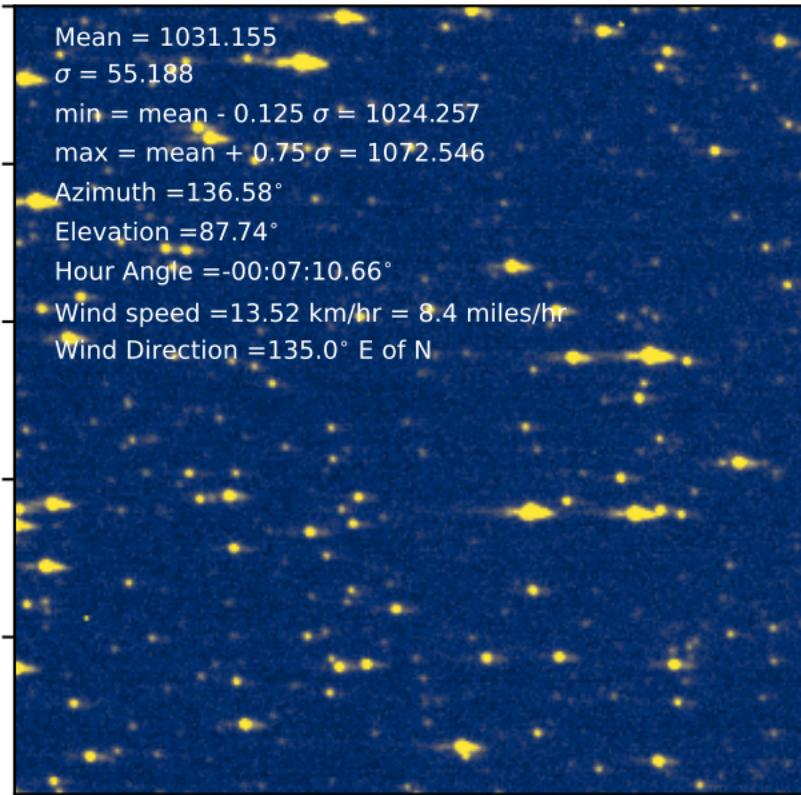
0

200

400

600

800



0

Mean = 1031.855

σ = 66.869

min = mean - 0.125 σ = 1023.496

max = mean + 0.75 σ = 1082.006

Azimuth = 139.93°

Elevation = 87.85°

Hour Angle = -00:06:23.53°

200

400

600

800

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

0

200

400

600

800

0

200

400

600

800

0

200

400

600

800

Mean = 1031.285

σ = 68.457

min = mean - 0.125 σ = 1022.728

max = mean + 0.75 σ = 1082.628

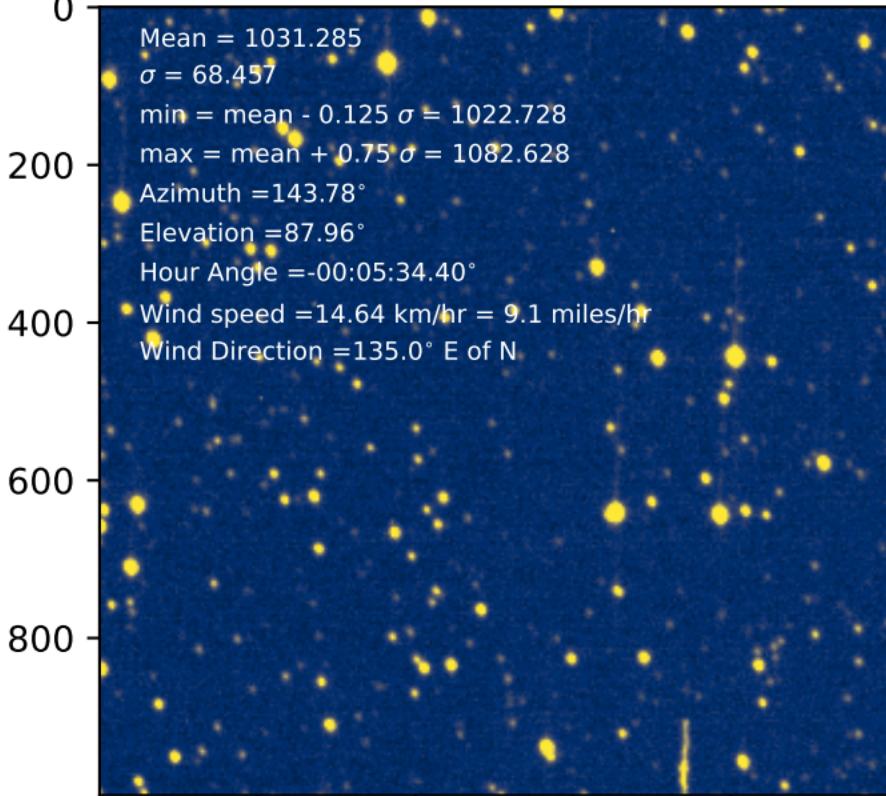
Azimuth = 143.78°

Elevation = 87.96°

Hour Angle = -00:05:34.40°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1019.471

σ = 60.411

min = mean - 0.125 σ = 1011.919

max = mean + 0.75 σ = 1064.779

Azimuth = 148.31°

Elevation = 88.06°

Hour Angle = -00:04:42.26°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

200

400

600

800

0

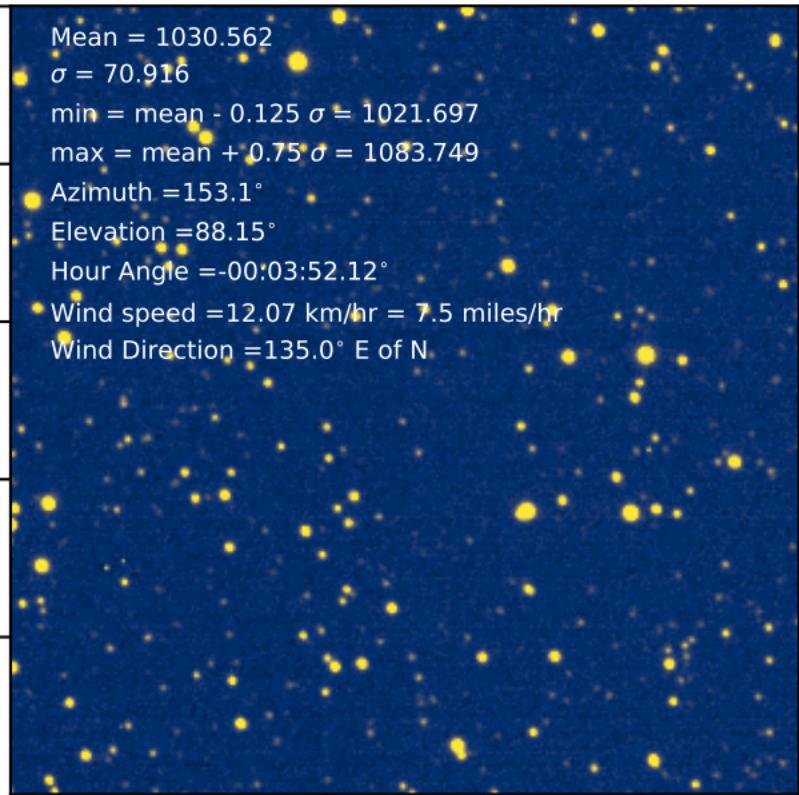
200

400

600

800

Mean = 1030.562
 σ = 70.916
min = mean - 0.125 σ = 1021.697
max = mean + 0.75 σ = 1083.749
Azimuth = 153.1°
Elevation = 88.15°
Hour Angle = -00:03:52.12°
Wind speed = 12.07 km/hr = 7.5 miles/hr
Wind Direction = 135.0° E of N



0

Mean = 1020.186

σ = 57.641

min = mean - 0.125 σ = 1012.981

max = mean + 0.75 σ = 1063.417

Azimuth = 158.55°

Elevation = 88.22°

Hour Angle = -00:02:59.98°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

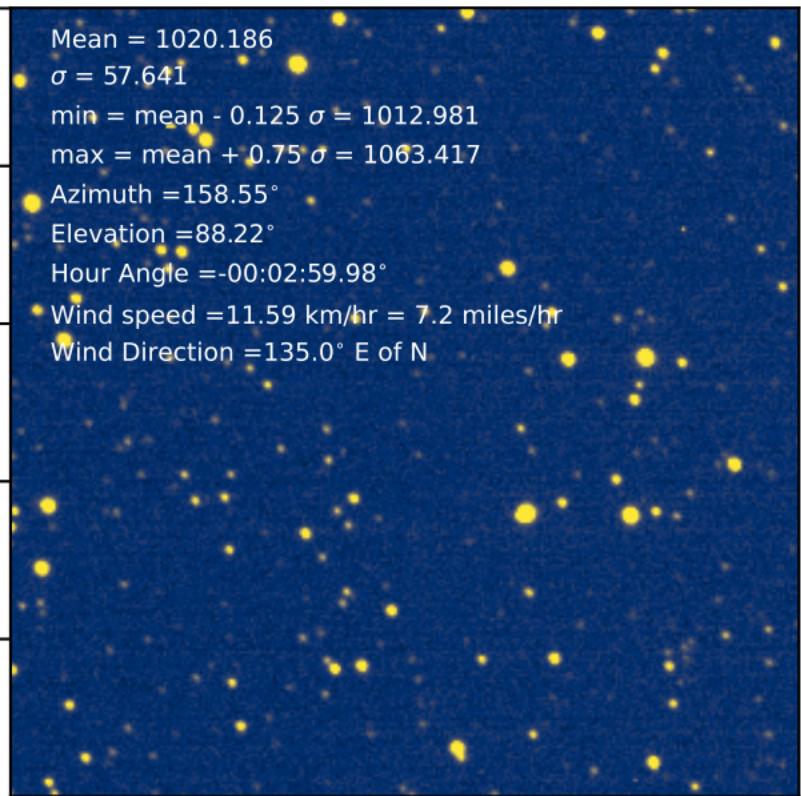
0

200

400

600

800



0

Mean = 1033.180

σ = 65.772

min = mean - 0.125 σ = 1024.959

max = mean + 0.75 σ = 1082.509

Azimuth = 163.72°

Elevation = 88.28°

Hour Angle = -00:02:13.85°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

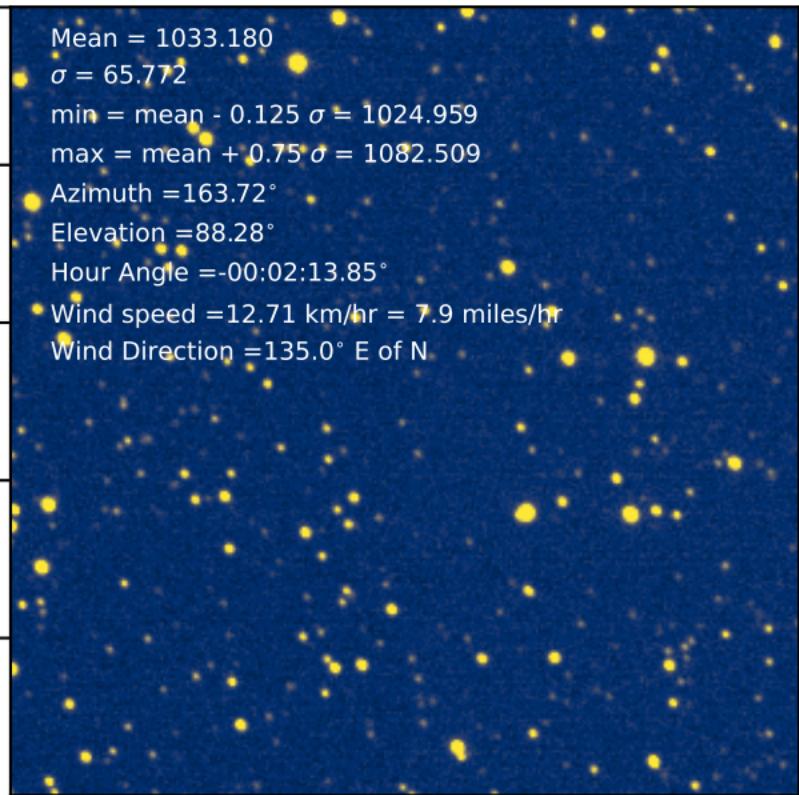
0

200

400

600

800



0

Mean = 1019.879

σ = 58.474

min = mean - 0.125 σ = 1012.57

max = mean + 0.75 σ = 1063.735

Azimuth = 170.38°

Elevation = 88.32°

Hour Angle = -00:01:17.70°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

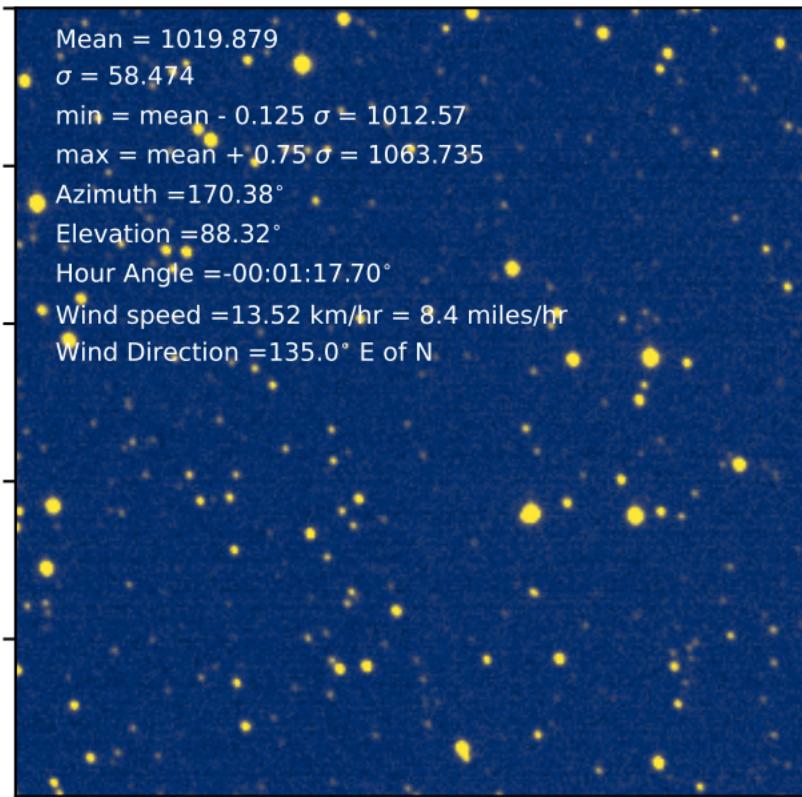
0

200

400

600

800



0

Mean = 1030.710

σ = 56.405

min = mean - 0.125 σ = 1023.659

max = mean + 0.75 σ = 1073.013

Azimuth = 176.81°

Elevation = 88.34°

Hour Angle = -00:00:25.56°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

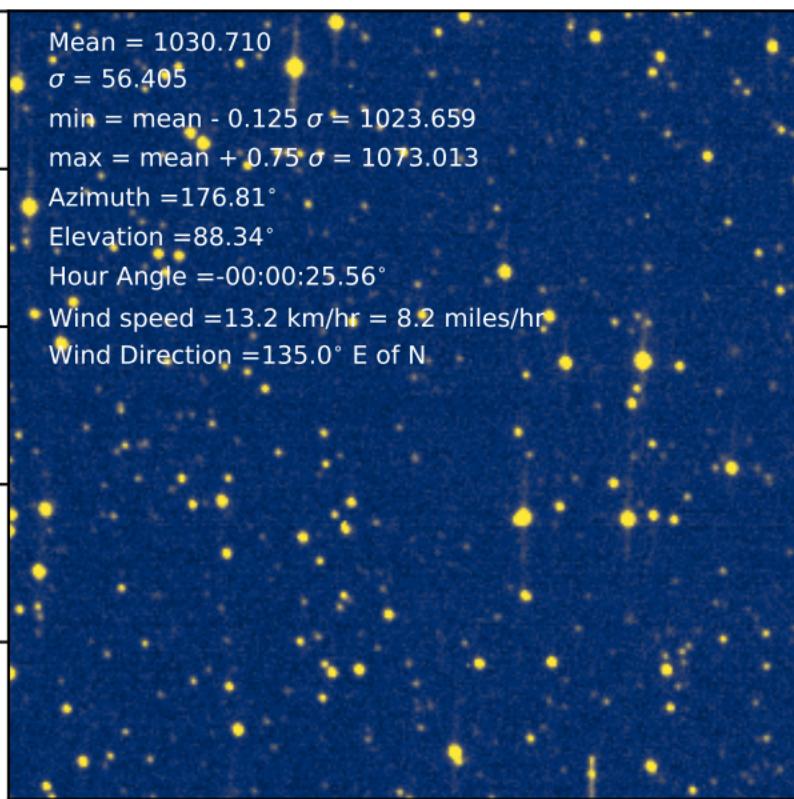
0

200

400

600

800



0

Mean = 1030.972

σ = 55.014

min = mean - 0.125 σ = 1024.095

max = mean + 0.75 σ = 1072.232

Azimuth = 182.82°

Elevation = 88.34°

Hour Angle = 00:00:22.58°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.887

σ = 55.831

min = mean - 0.125 σ = 1023.908

max = mean + 0.75 σ = 1072.76

Azimuth = 188.28°

Elevation = 88.33°

Hour Angle = 00:01:06.70°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

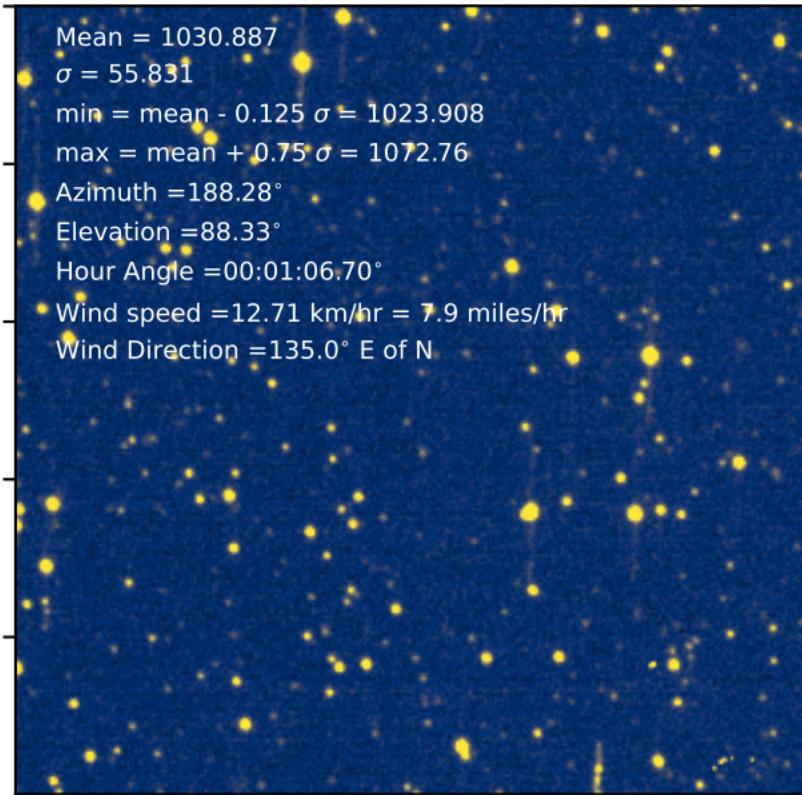
0

200

400

600

800



0

Mean = 1020.202

σ = 56.708

min = mean - 0.125 σ = 1013.113

max = mean + 0.75 σ = 1062.732

Azimuth = 193.95°

Elevation = 88.3°

Hour Angle = 00:01:53.83°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

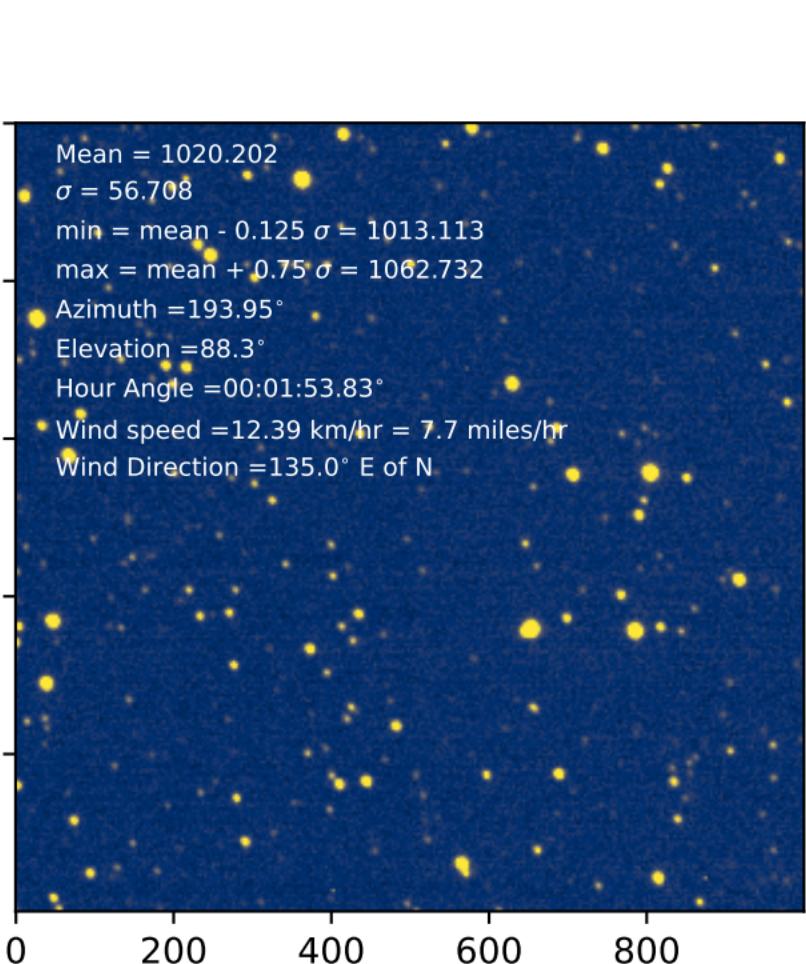
0

200

400

600

800



0

Mean = 1031.792

σ = 52.256

min = mean - 0.125 σ = 1025.26

max = mean + 0.75 σ = 1070.984

Azimuth = 199.91°

Elevation = 88.24°

Hour Angle = 00:02:45.97°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

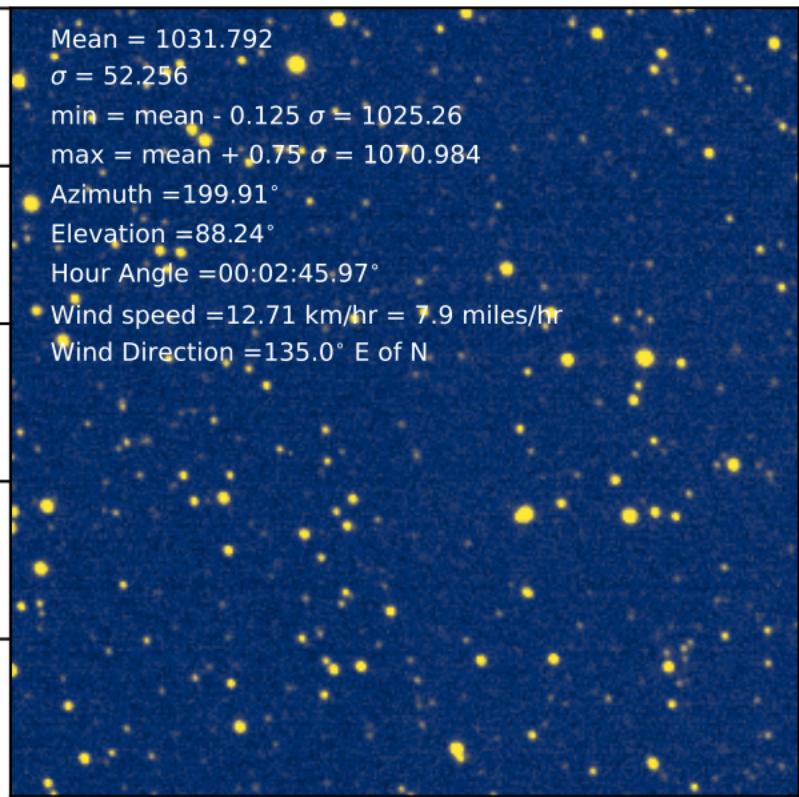
0

200

400

600

800



0

Mean = 1037.948

σ = 56.720

min = mean - 0.125 σ = 1030.858

max = mean + 0.75 σ = 1080.488

Azimuth = 204.96°

Elevation = 88.18°

Hour Angle = 00:03:33.10°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

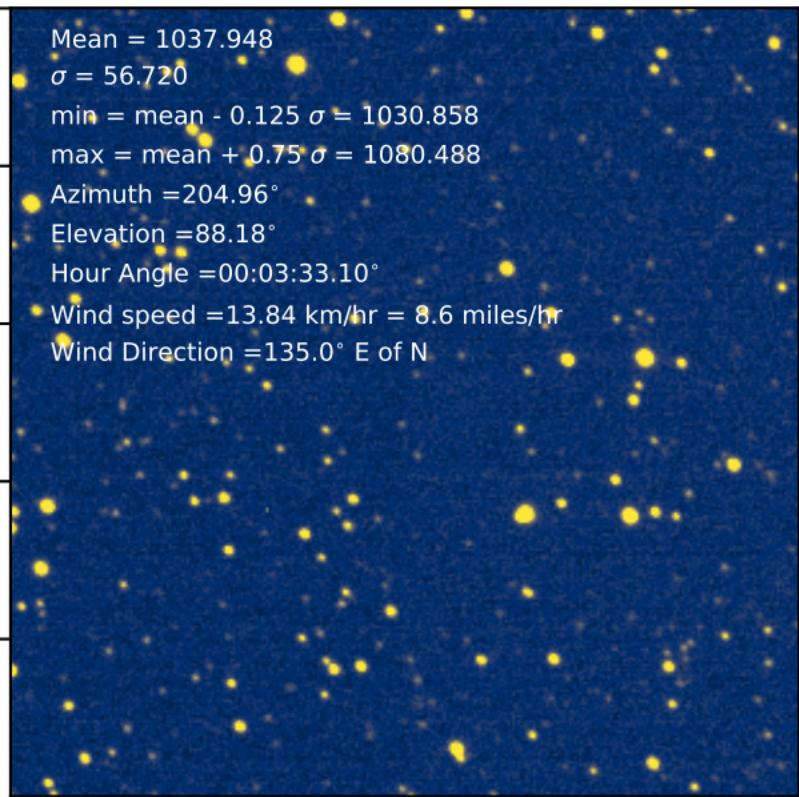
0

200

400

600

800



0

Mean = 1021.989

σ = 49.849

min = mean - 0.125 σ = 1015.758

max = mean + 0.75 σ = 1059.377

Azimuth = 210.21°

Elevation = 88.09°

Hour Angle = 00:04:26.24°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

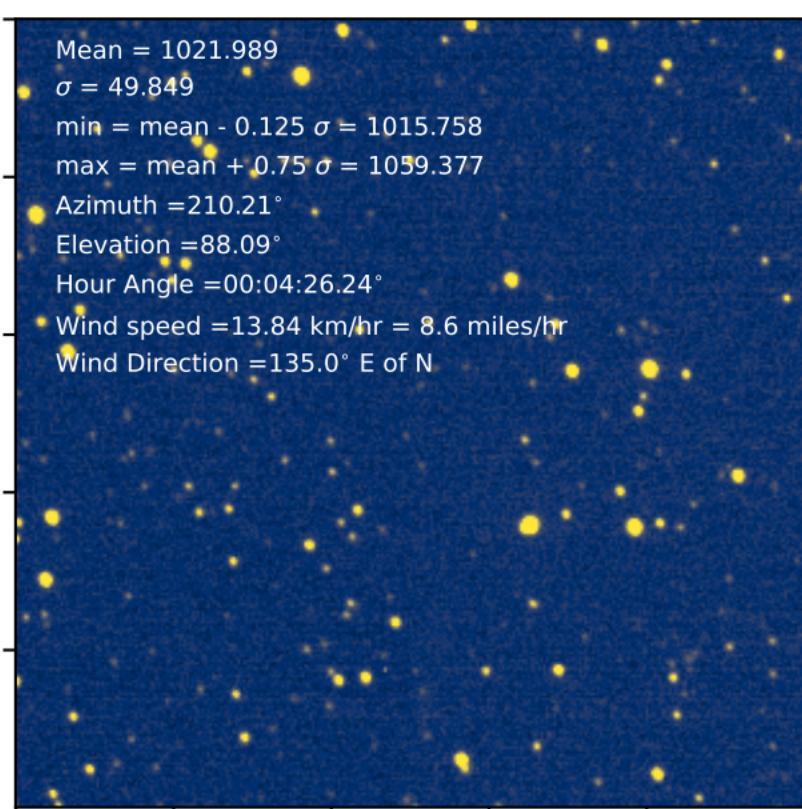
0

200

400

600

800



0

Mean = 1033.181

σ = 49.653

min = mean - 0.125 σ = 1026.974

max = mean + 0.75 σ = 1070.421

Azimuth = 214.88°

Elevation = 87.99°

Hour Angle = 00:05:18.38°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

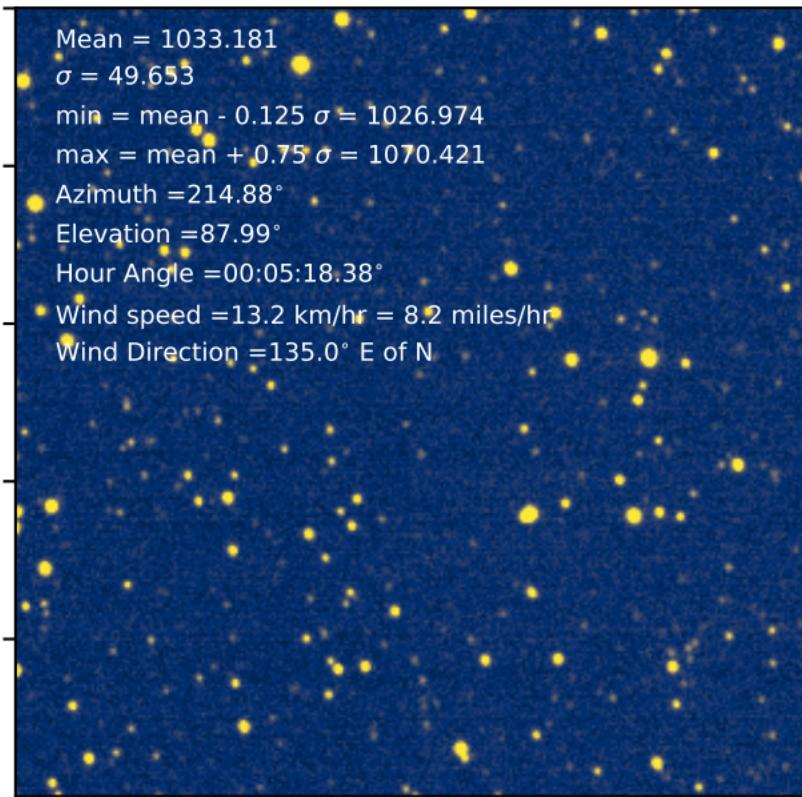
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1036.561

σ = 59.677

min = mean - 0.125 σ = 1029.102

max = mean + 0.75 σ = 1081.319

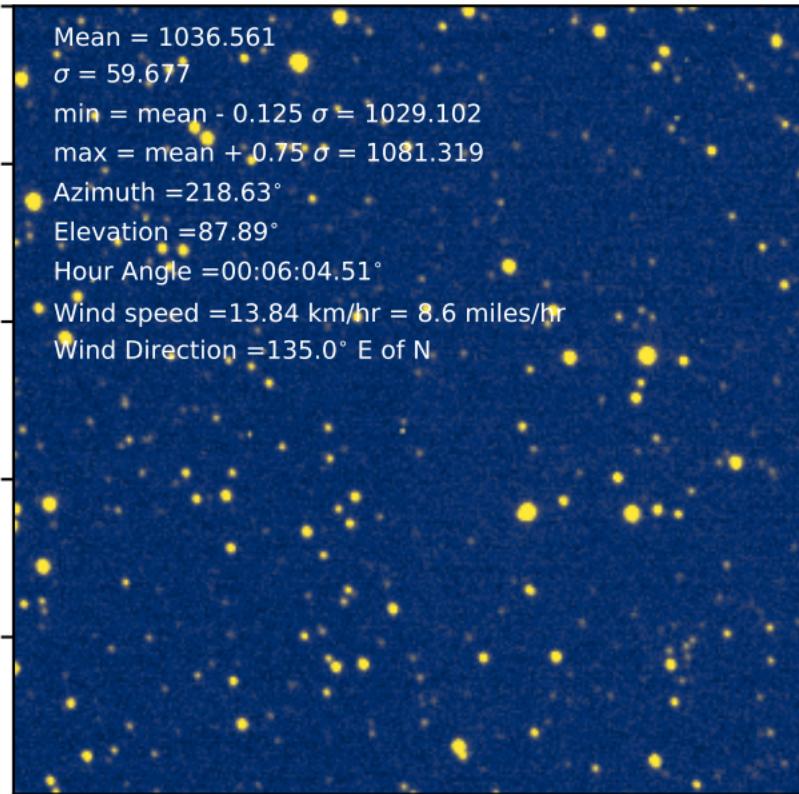
Azimuth = 218.63°

Elevation = 87.89°

Hour Angle = 00:06:04.51°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1021.489

σ = 51.383

min = mean - 0.125 σ = 1015.066

max = mean + 0.75 σ = 1060.026

Azimuth = 222.53°

Elevation = 87.77°

Hour Angle = 00:06:57.65°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1033.063

σ = 49.041

min = mean - 0.125 σ = 1026.933

max = mean + 0.75 σ = 1069.844

Azimuth = 225.95°

Elevation = 87.64°

Hour Angle = 00:07:49.80°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

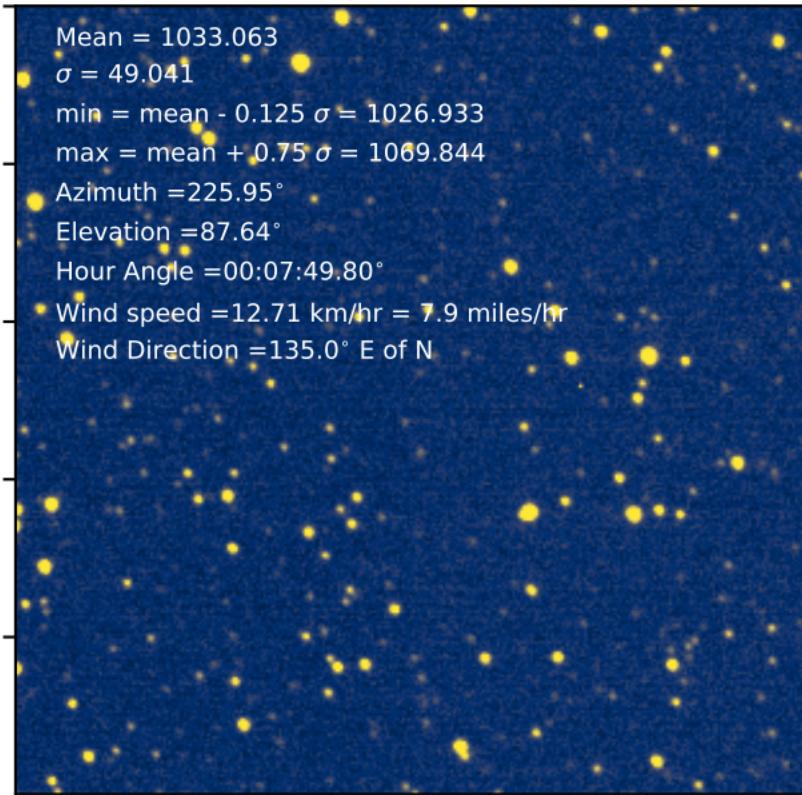
0

200

400

600

800



0

Mean = 1020.655

σ = 54.089

min = mean - 0.125 σ = 1013.894

max = mean + 0.75 σ = 1061.222

Azimuth = 228.67°

Elevation = 87.52°

Hour Angle = 00:08:35.92°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

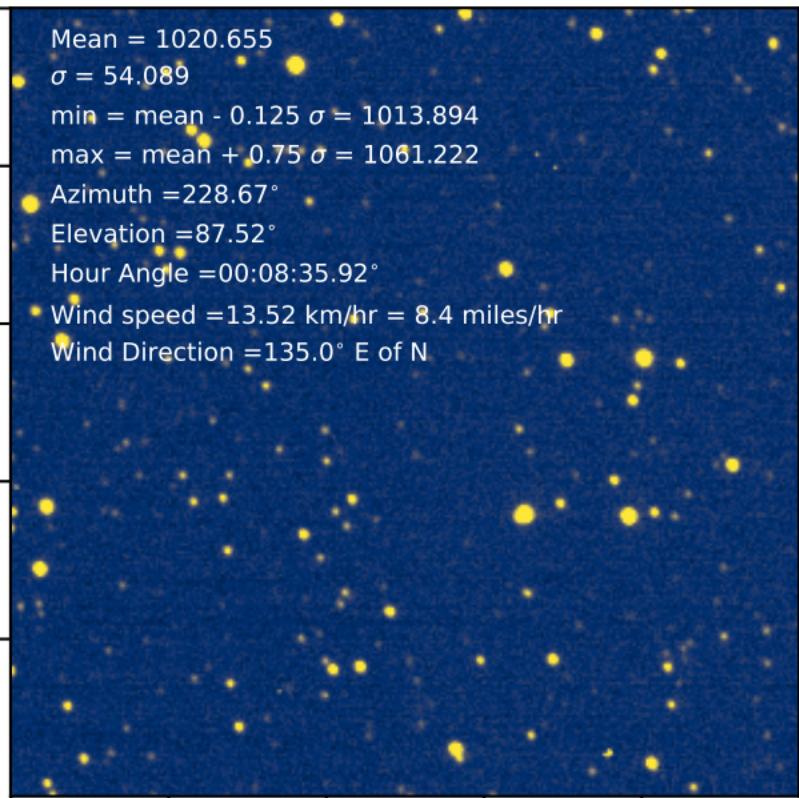
0

200

400

600

800



0

Mean = 1032.243

σ = 53.119

min = mean - 0.125 σ = 1025.603

max = mean + 0.75 σ = 1072.082

Azimuth = 231.45°

Elevation = 87.38°

Hour Angle = 00:09:28.07°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

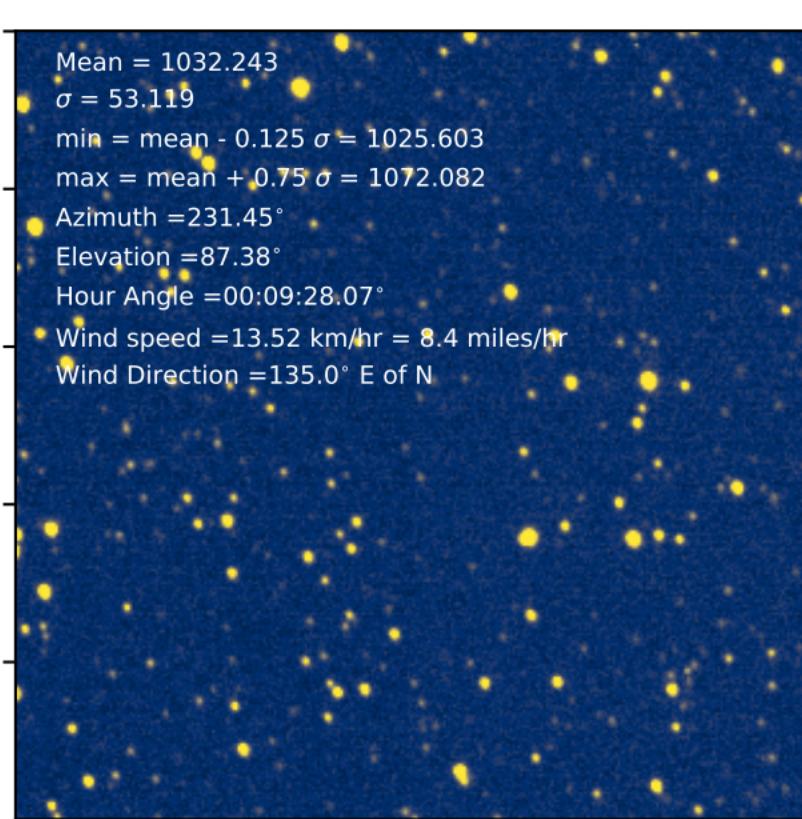
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1020.321

σ = 55.436

min = mean - 0.125 σ = 1013.392

max = mean + 0.75 σ = 1061.898

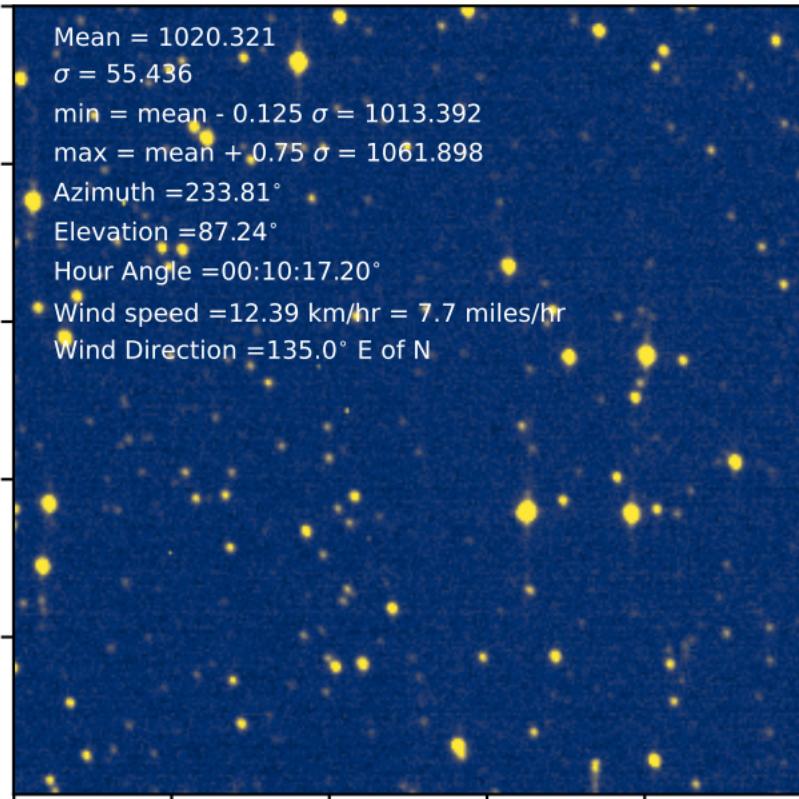
Azimuth = 233.81°

Elevation = 87.24°

Hour Angle = 00:10:17.20°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1032.099

σ = 54.347

min = mean - 0.125 σ = 1025.306

max = mean + 0.75 σ = 1072.859

Azimuth = 236.07°

Elevation = 87.09°

Hour Angle = 00:11:09.34°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

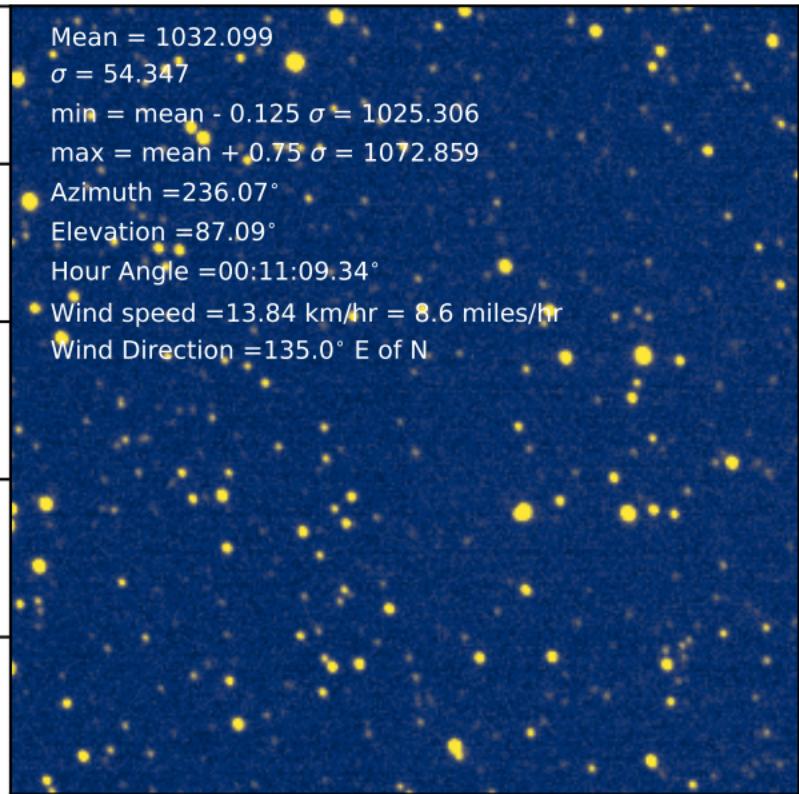
0

200

400

600

800



0

Mean = 1019.992

σ = 57.274

min = mean - 0.125 σ = 1012.833

max = mean + 0.75 σ = 1062.947

Azimuth = 238.0°

Elevation = 86.94°

Hour Angle = 00:11:58.48°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

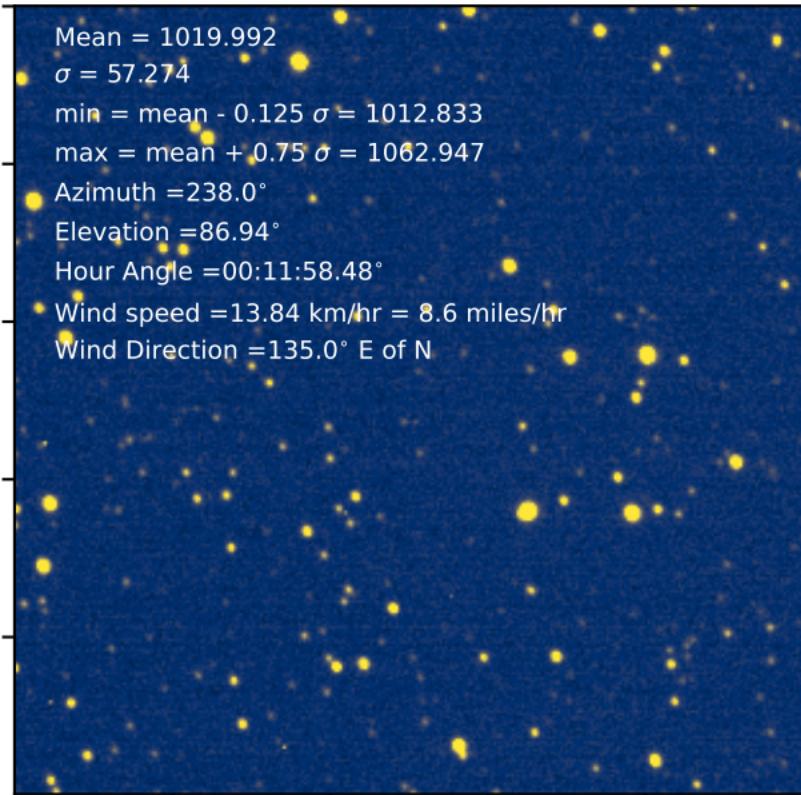
0

200

400

600

800



0

Mean = 1032.221

σ = 50.877

min = mean - 0.125 σ = 1025.862

max = mean + 0.75 σ = 1070.379

Azimuth = 239.85°

Elevation = 86.79°

Hour Angle = 00:12:50.62°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

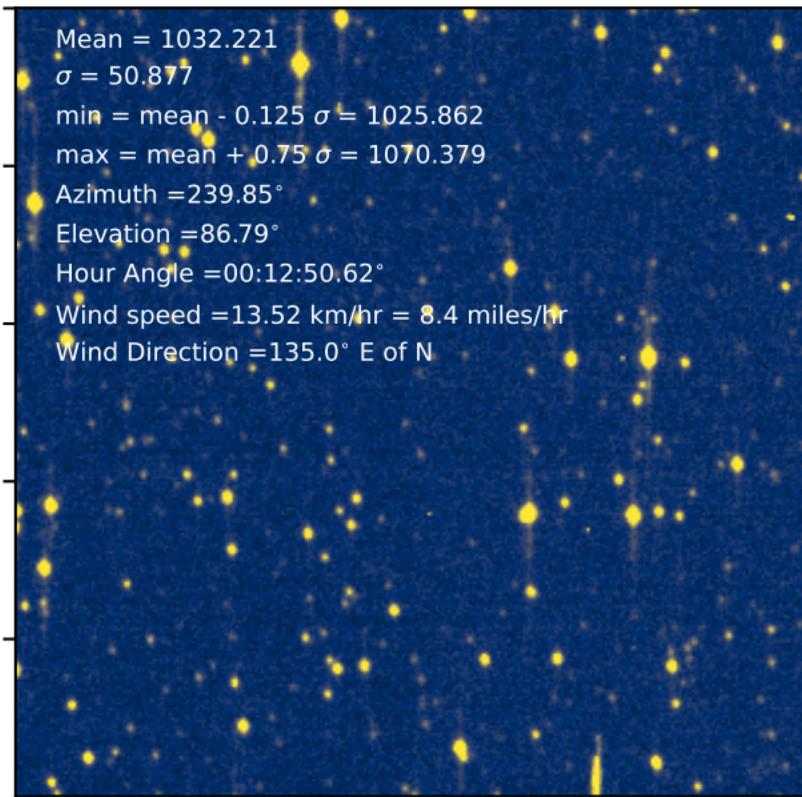
0

200

400

600

800



0

Mean = 1031.647

σ = 54.940

min = mean - 0.125 σ = 1024.779

max = mean + 0.75 σ = 1072.852

Azimuth = 241.42°

Elevation = 86.64°

Hour Angle = 00:13:38.75°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

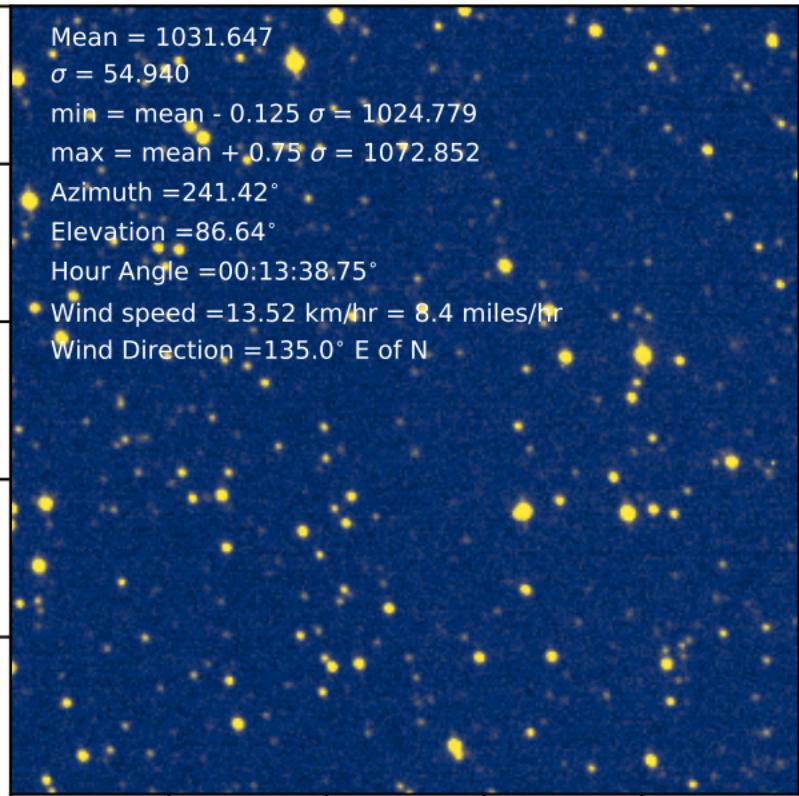
0

200

400

600

800



0

Mean = 1033.153

σ = 64.608

min = mean - 0.125 σ = 1025.077

max = mean + 0.75 σ = 1081.609

Azimuth = 242.79°

Elevation = 86.49°

Hour Angle = 00:14:24.88°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

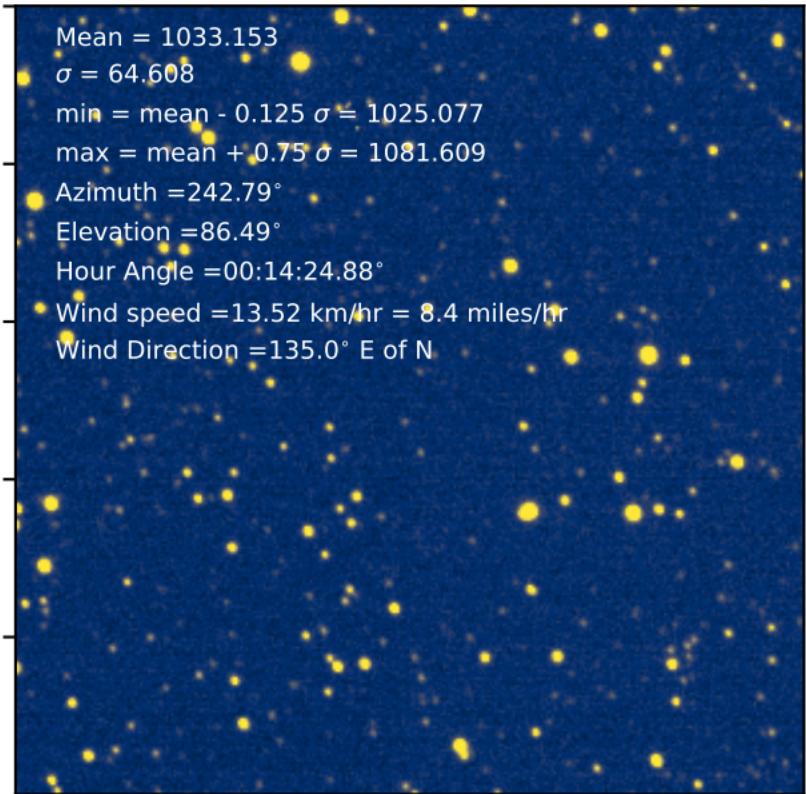
0

200

400

600

800



0

Mean = 1020.422

σ = 53.738

min = mean - 0.125 σ = 1013.704

max = mean + 0.75 σ = 1060.725

Azimuth = 244.25°

Elevation = 86.32°

Hour Angle = 00:15:18.02°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

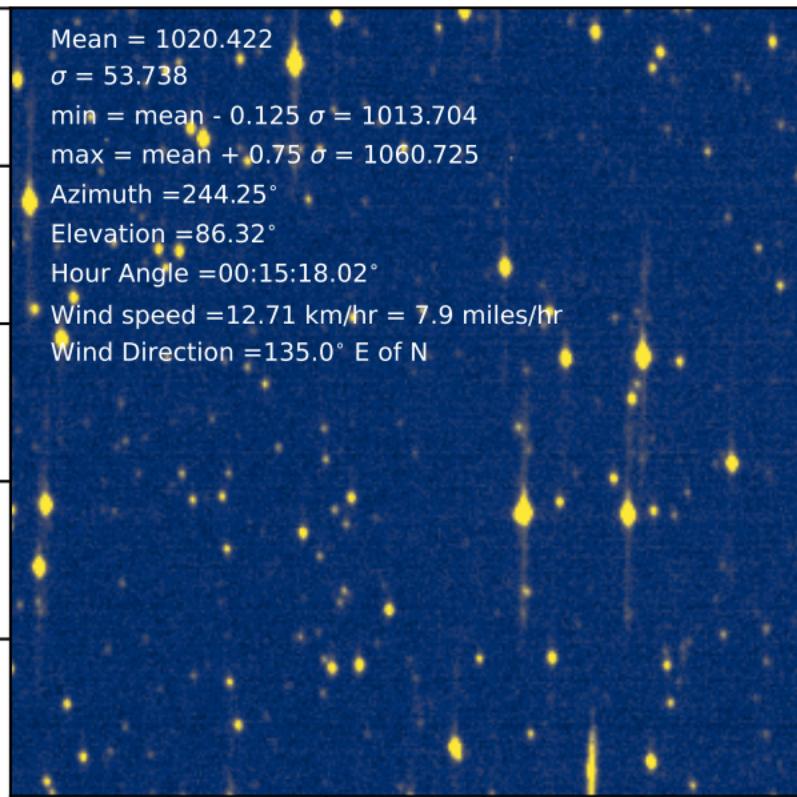
0

200

400

600

800



0

Mean = 1032.316

σ = 63.335

min = mean - 0.125 σ = 1024.4

max = mean + 0.75 σ = 1079.818

Azimuth = 245.48°

Elevation = 86.17°

Hour Angle = 00:16:07.16°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

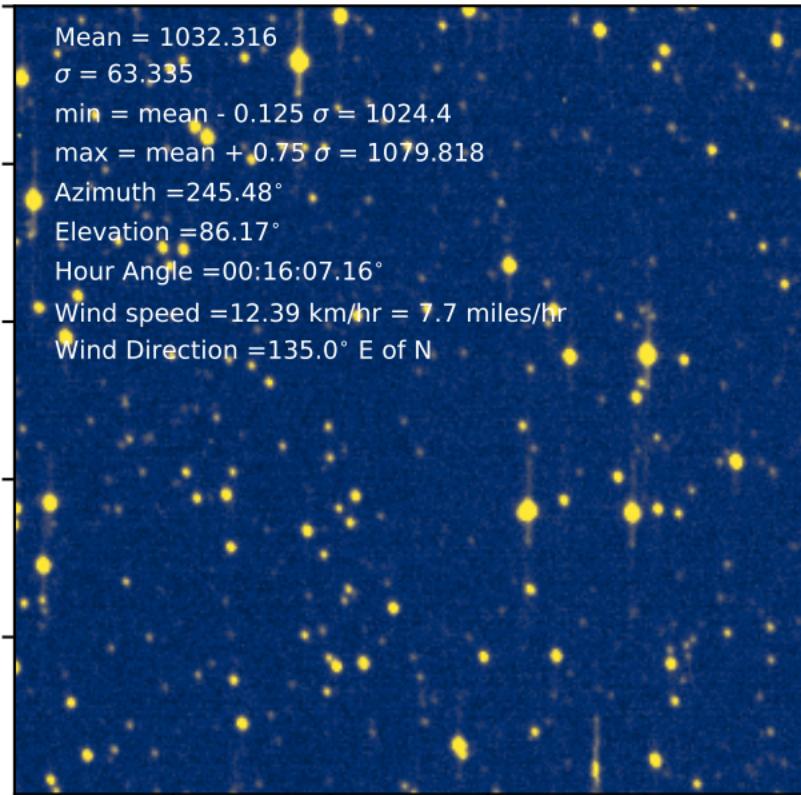
0

200

400

600

800



0

Mean = 1019.553

σ = 58.210

min = mean - 0.125 σ = 1012.276

max = mean + 0.75 σ = 1063.21

Azimuth = 246.69°

Elevation = 86.0°

Hour Angle = 00:16:59.30°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

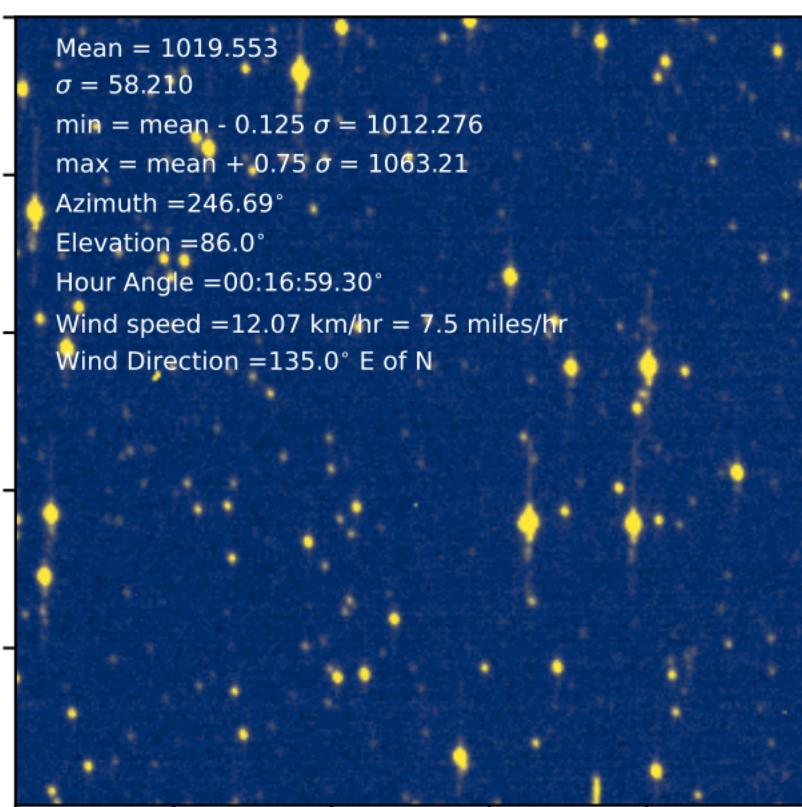
0

200

400

600

800



0

Mean = 1019.968

σ = 56.381

min = mean - 0.125 σ = 1012.921

max = mean + 0.75 σ = 1062.254

Azimuth = 247.74°

Elevation = 85.84°

Hour Angle = 00:17:48.43°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

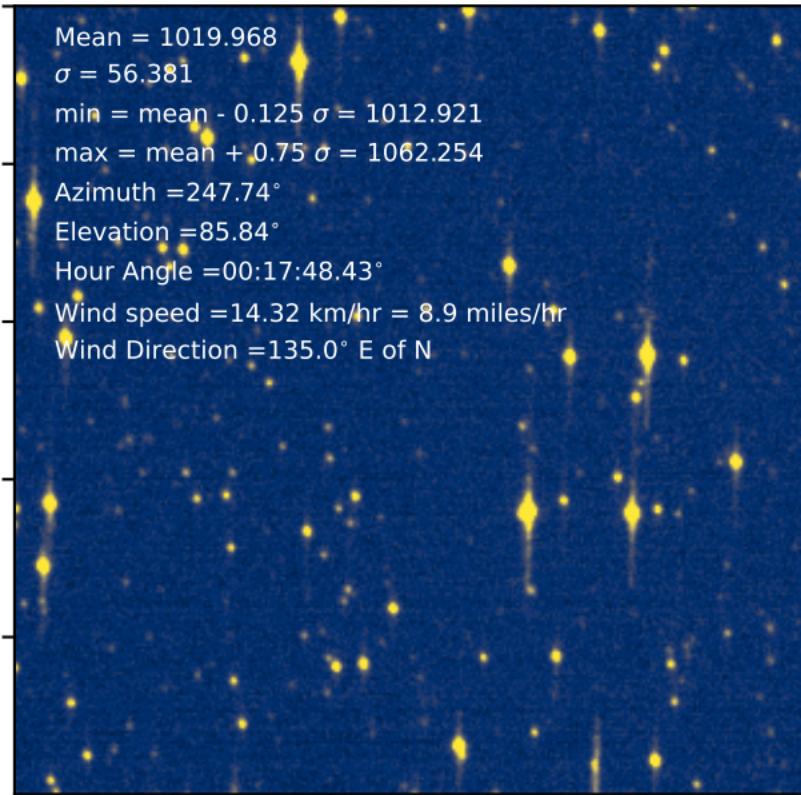
0

200

400

600

800



0

Mean = 1033.082

σ = 40.194

min = mean - 0.125 σ = 1028.058

max = mean + 0.75 σ = 1063.227

Azimuth = 251.54°

Elevation = 85.13°

Hour Angle = 00:21:22.01°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

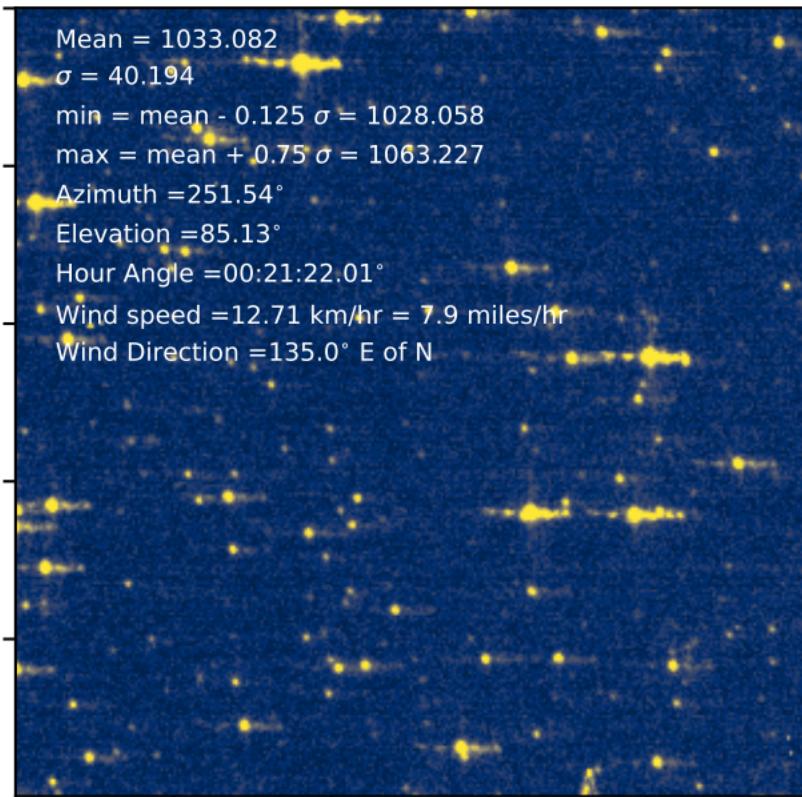
0

200

400

600

800



0

Mean = 1032.733

σ = 46.140

min = mean - 0.125 σ = 1026.965

max = mean + 0.75 σ = 1067.338

Azimuth = 252.24°

Elevation = 84.97°

Hour Angle = 00:22:09.14°

200

400

600

800

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

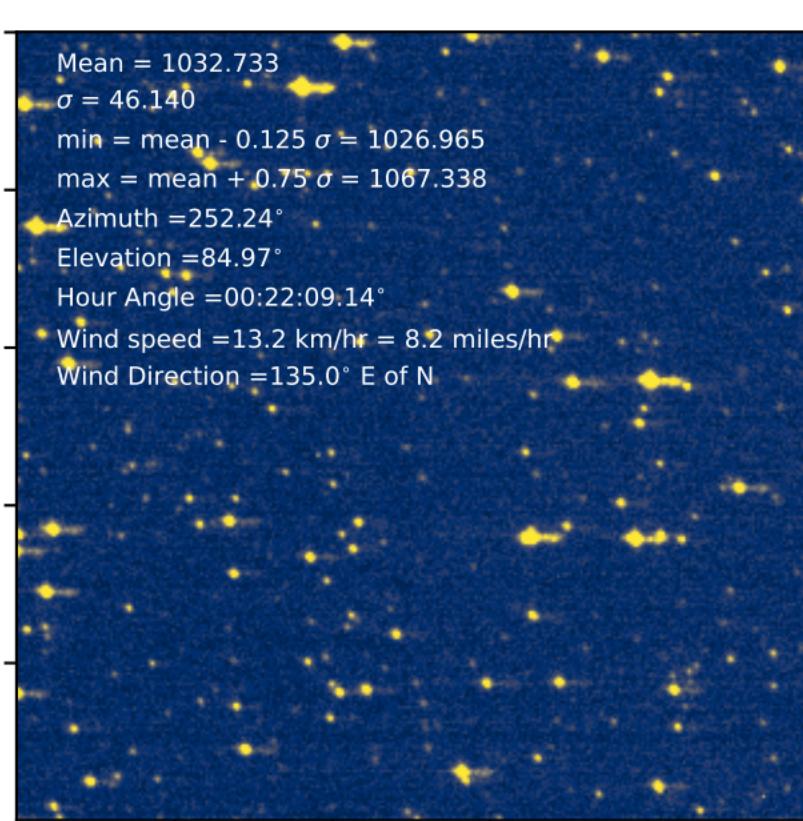
0

200

400

600

800



0

Mean = 1031.928

σ = 45.852

min = mean - 0.125 σ = 1026.197

max = mean + 0.75 σ = 1066.317

Azimuth = 252.92°

Elevation = 84.8°

Hour Angle = 00:22:57.27°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

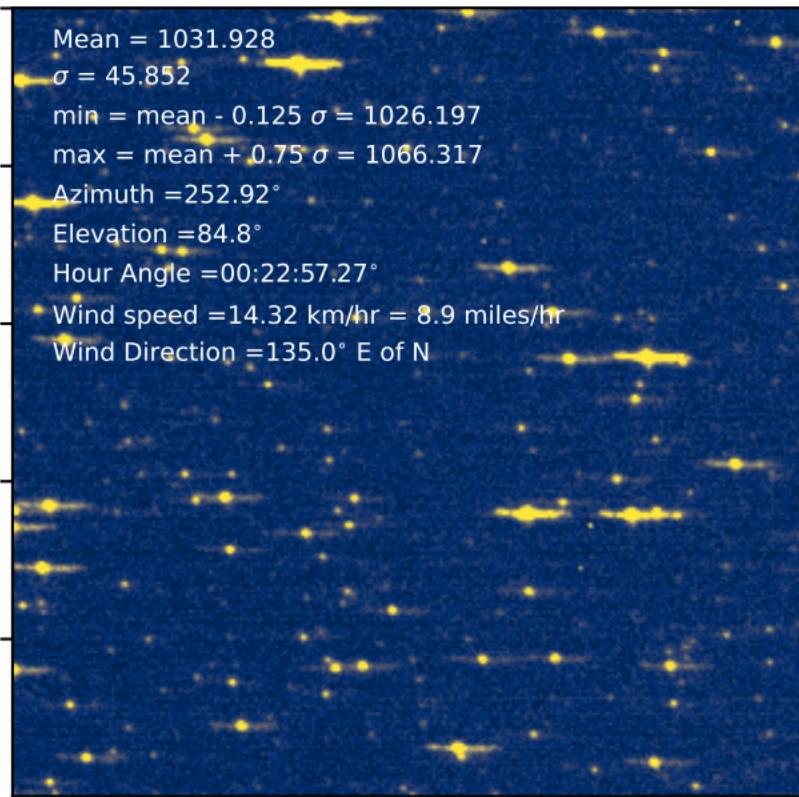
0

200

400

600

800



0

Mean = 1035.421

σ = 56.717

min = mean - 0.125 σ = 1028.331

max = mean + 0.75 σ = 1077.959

Azimuth = 253.53°

Elevation = 84.65°

Hour Angle = 00:23:43.40°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

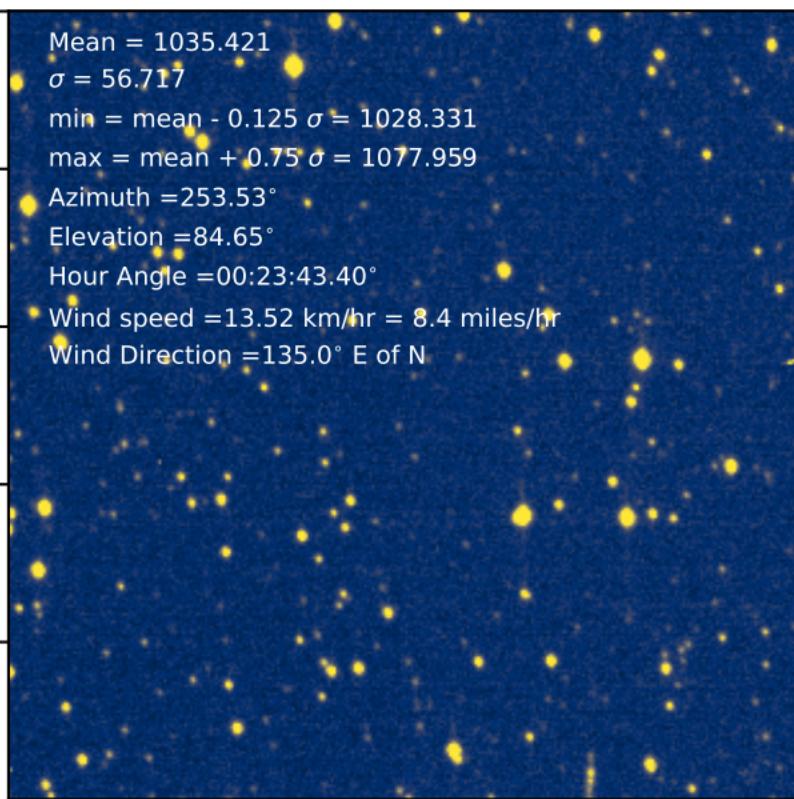
0

200

400

600

800



0

Mean = 1021.095

σ = 48.539

min = mean - 0.125 σ = 1015.028

max = mean + 0.75 σ = 1057.499

Azimuth = 254.2°

Elevation = 84.47°

Hour Angle = 00:24:36.55°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

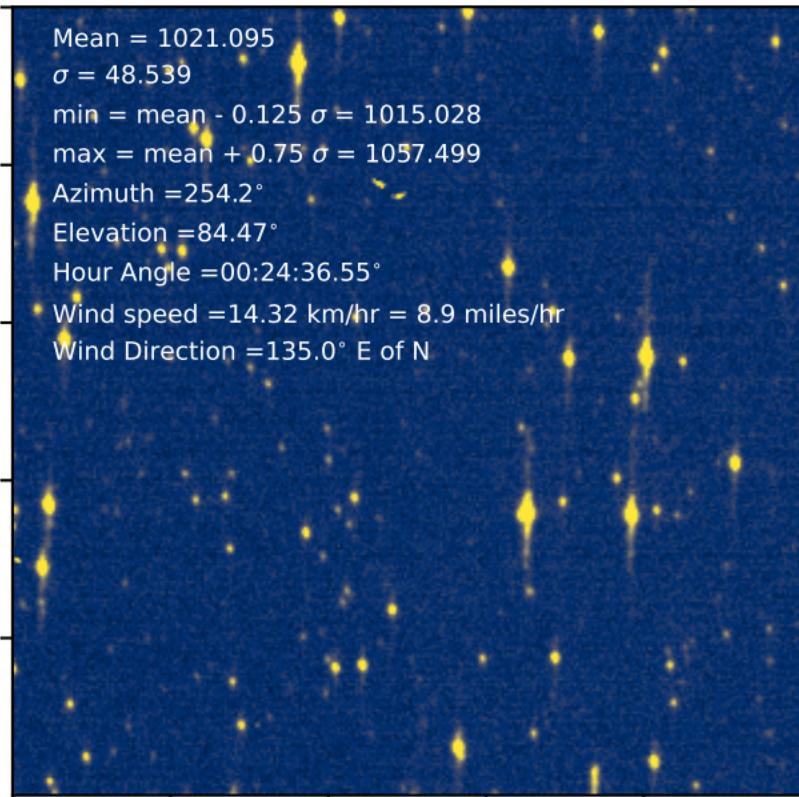
0

200

400

600

800



0

Mean = 1036.769

σ = 51.750

min = mean - 0.125 σ = 1030.3

max = mean + 0.75 σ = 1075.582

Azimuth = 254.77°

Elevation = 84.3°

Hour Angle = 00:25:24.68°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

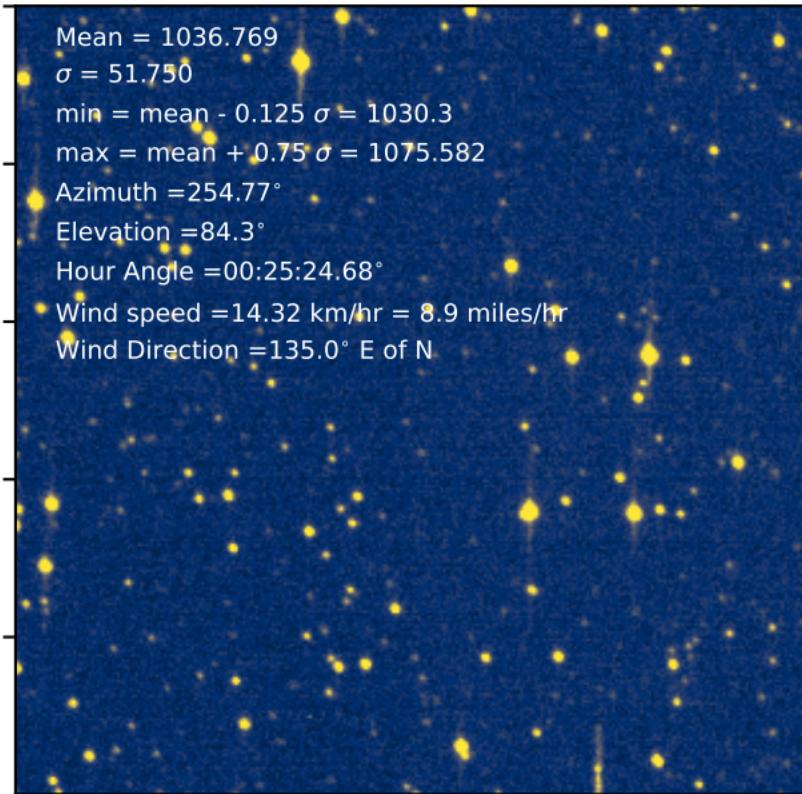
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1020.651

σ = 49.396

min = mean - 0.125 σ = 1014.476

max = mean + 0.75 σ = 1057.698

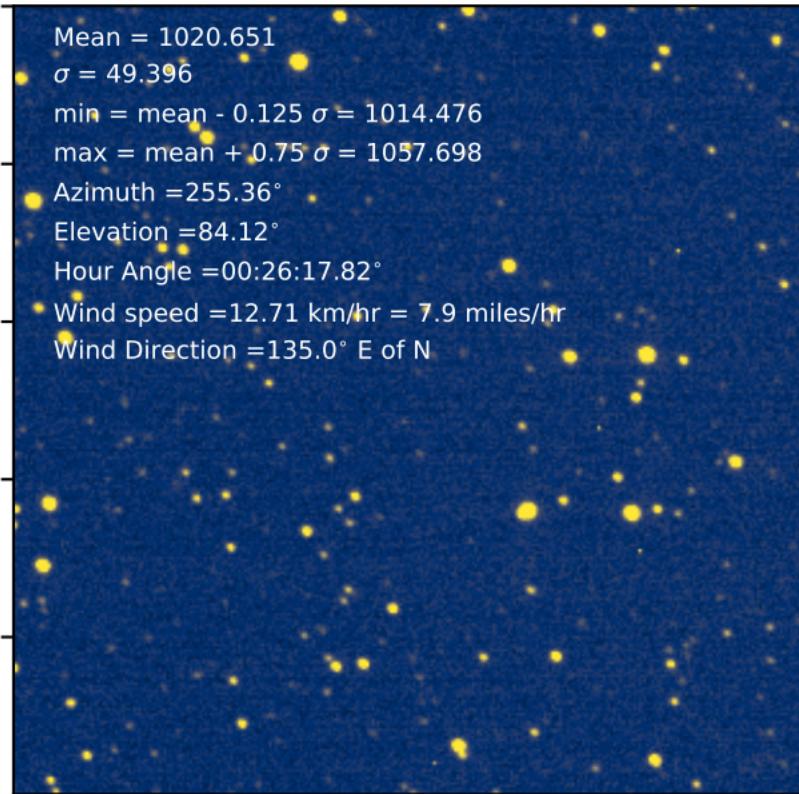
Azimuth = 255.36°

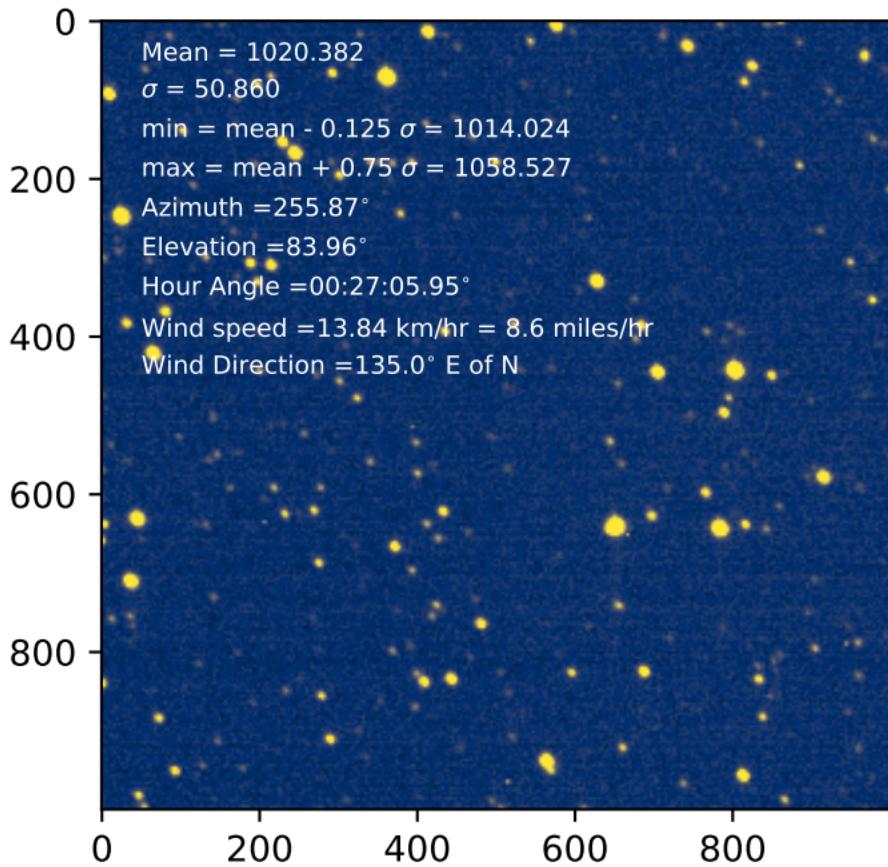
Elevation = 84.12°

Hour Angle = 00:26:17.82°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N





0

Mean = 1031.436

σ = 49.902

min = mean - 0.125 σ = 1025.198

max = mean + 0.75 σ = 1068.862

Azimuth = 256.4°

Elevation = 83.78°

Hour Angle = 00:27:58.10°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

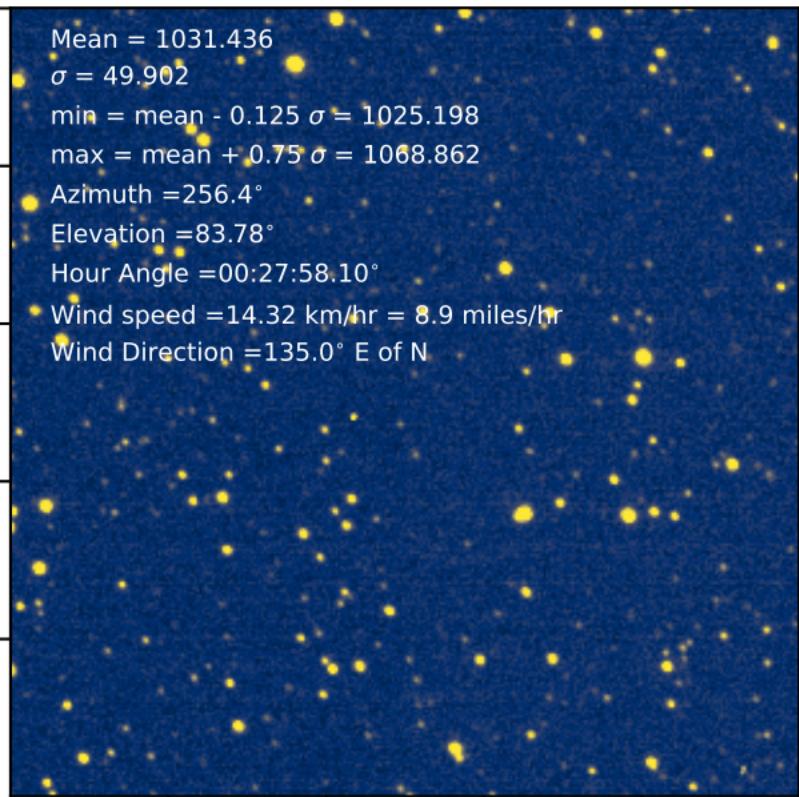
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1020.468

σ = 49.953

min = mean - 0.125 σ = 1014.224

max = mean + 0.75 σ = 1057.933

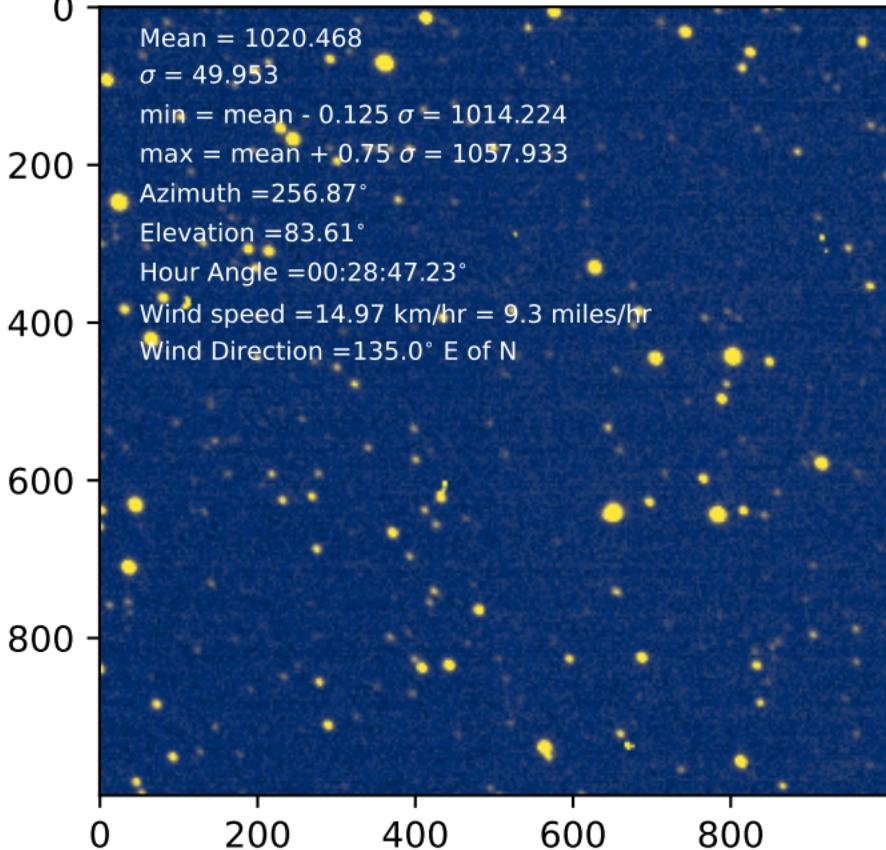
Azimuth = 256.87°

Elevation = 83.61°

Hour Angle = 00:28:47.23°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1032.303

σ = 47.167

min = mean - 0.125 σ = 1026.407

max = mean + 0.75 σ = 1067.678

Azimuth = 257.35°

Elevation = 83.43°

Hour Angle = 00:29:39.37°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

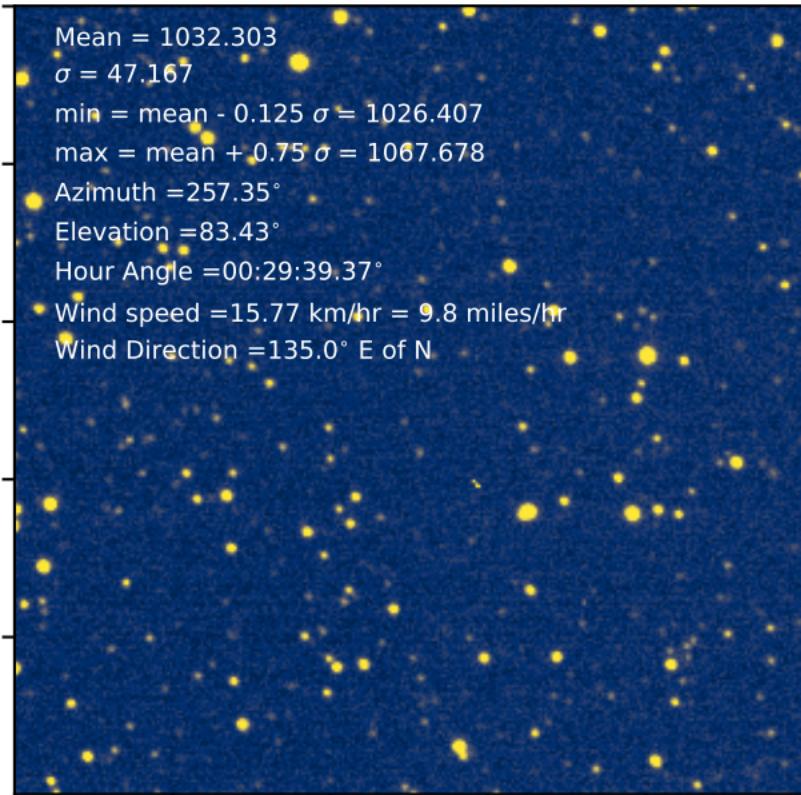
0

200

400

600

800



0

Mean = 1036.614

σ = 50.554

min = mean - 0.125 σ = 1030.294

max = mean + 0.75 σ = 1074.529

Azimuth = 257.76°

Elevation = 83.26°

Hour Angle = 00:30:26.50°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1032.730

σ = 40.671

min = mean - 0.125 σ = 1027.646

max = mean + 0.75 σ = 1063.234

Azimuth = 258.21°

Elevation = 83.08°

Hour Angle = 00:31:20.65°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1021.157

σ = 48.694

min = mean - 0.125 σ = 1015.07

max = mean + 0.75 σ = 1057.677

Azimuth = 258.59°

Elevation = 82.91°

Hour Angle = 00:32:07.78°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

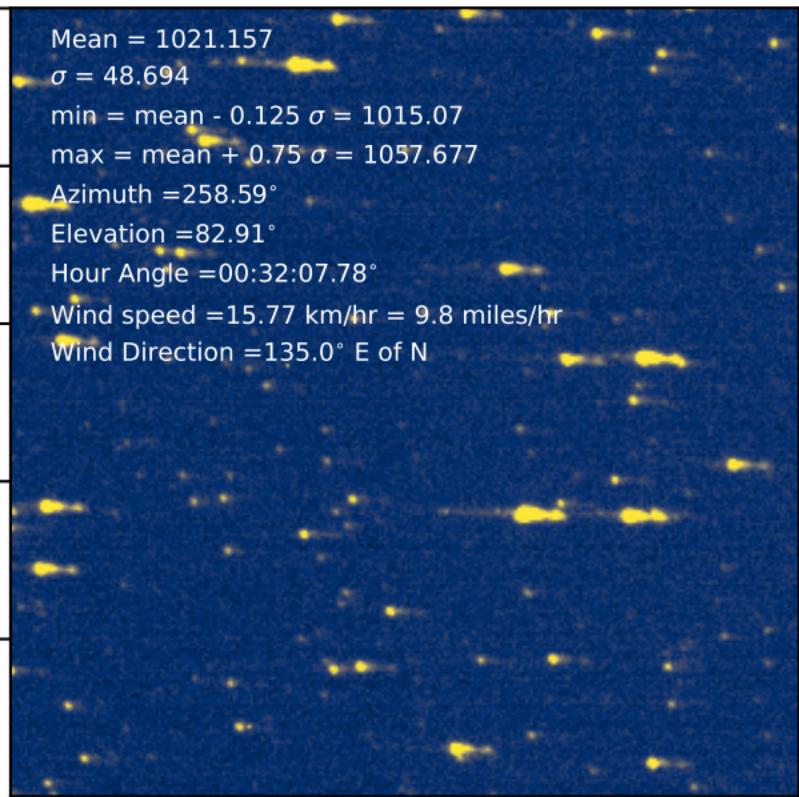
0

200

400

600

800



0

Mean = 1036.513

σ = 50.966

min = mean - 0.125 σ = 1030.142

max = mean + 0.75 σ = 1074.737

Azimuth = 258.96°

Elevation = 82.74°

Hour Angle = 00:32:55.91°

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

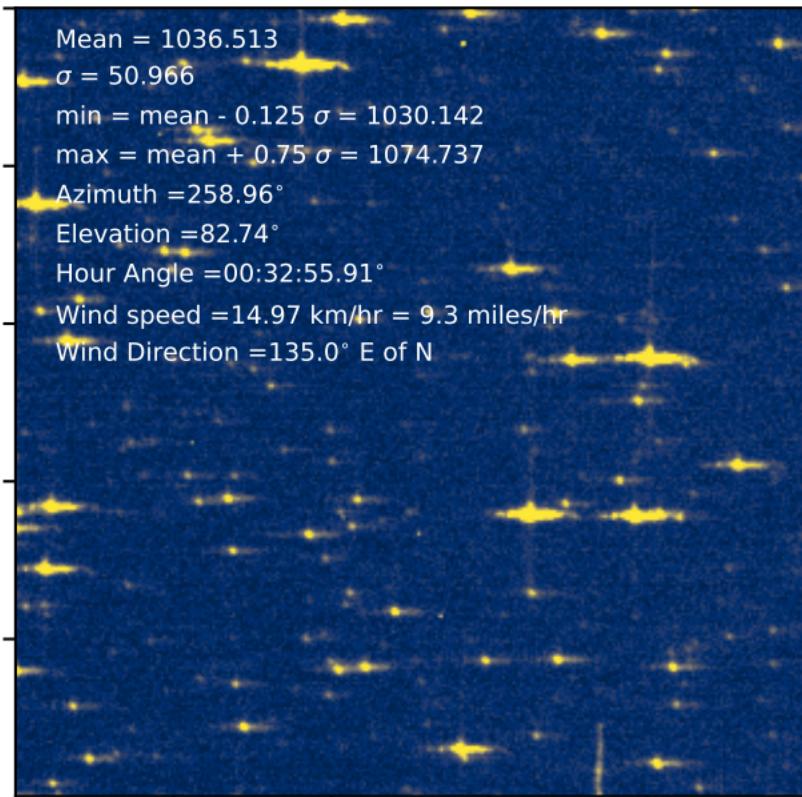
0

200

400

600

800



0

Mean = 1038.308

$\sigma = 45.947$

min = mean - 0.125 σ = 1032.565

max = mean + 0.75 σ = 1072.768

Azimuth = 259.74°

Elevation = 82.37°

Hour Angle = $00:34:44.21^\circ$

200

400

600

800

Wind speed = $14.64 \text{ km/hr} = 9.1 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

0

200

400

600

800



0

Mean = 1022.039

σ = 42.285

min = mean - 0.125 σ = 1016.753

max = mean + 0.75 σ = 1053.753

Azimuth = 260.09°

Elevation = 82.18°

Hour Angle = 00:35:36.35°

200

400

600

800

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

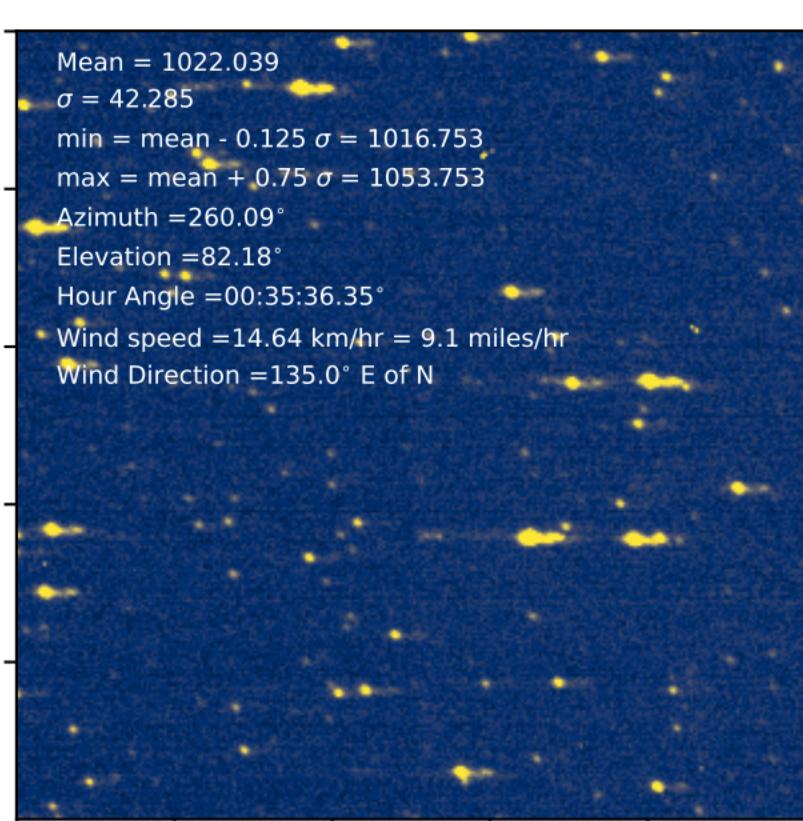
0

200

400

600

800



0

Mean = 1022.384

σ = 39.519

min = mean - 0.125 σ = 1017.444

max = mean + 0.75 σ = 1052.023

Azimuth = 260.4°

Elevation = 82.02°

Hour Angle = 00:36:24.48°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1033.986

$\sigma = 33.141$

min = mean - 0.125 σ = 1029.844

max = mean + 0.75 σ = 1058.842

Azimuth = 260.73°

Elevation = 81.84°

Hour Angle = $00:37:15.62^\circ$

Wind speed = $11.27 \text{ km/hr} = 7.0 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

200

400

600

800

0

200

400

600

800

0

Mean = 1042.225

σ = 40.963

min = mean - 0.125 σ = 1037.105

max = mean + 0.75 σ = 1072.947

Azimuth = 261.01°

Elevation = 81.67°

Hour Angle = 00:38:02.75°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

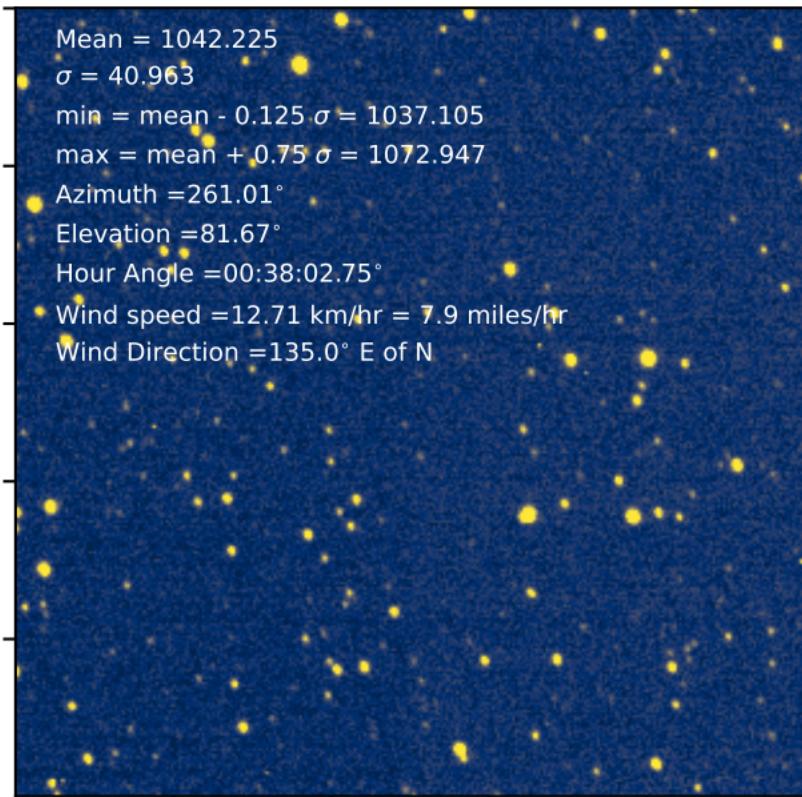
0

200

400

600

800



0

Mean = 1034.455

σ = 26.720

min = mean - 0.125 σ = 1031.115

max = mean + 0.75 σ = 1054.494

Azimuth = 261.33°

Elevation = 81.48°

Hour Angle = 00:38:56.89°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

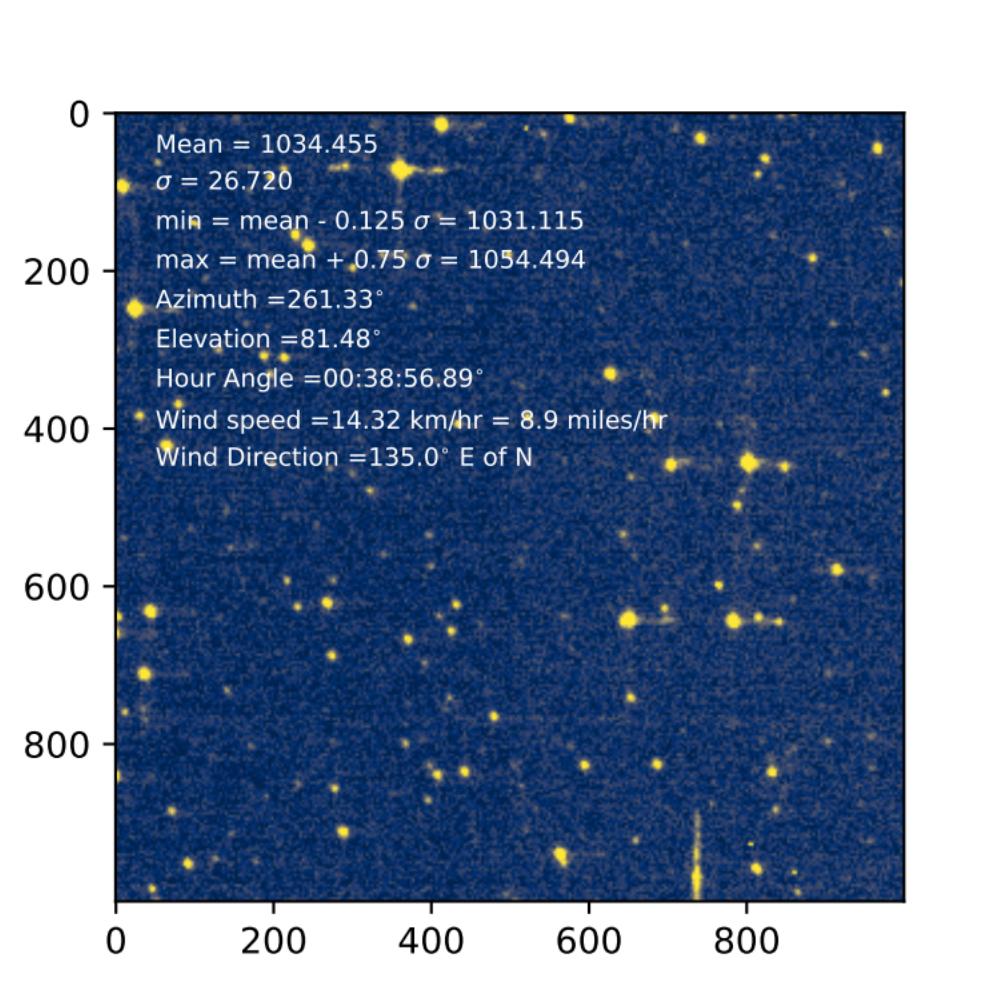
0

200

400

600

800



0

Mean = 1044.830

σ = 31.268

min = mean - 0.125 σ = 1040.921

max = mean + 0.75 σ = 1068.281

200

Azimuth = 261.6°

Elevation = 81.32°

400

Hour Angle = 00:39:44.02°

Wind speed = 13.2 km/hr = 8.2 miles/hr

600

Wind Direction = 135.0° E of N

800

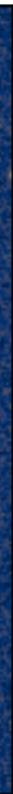
0

200

400

600

800



0

Mean = 1034.143

σ = 25.259

min = mean - 0.125 σ = 1030.986

max = mean + 0.75 σ = 1053.087

Azimuth = 261.89°

Elevation = 81.13°

Hour Angle = 00:40:38.17°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

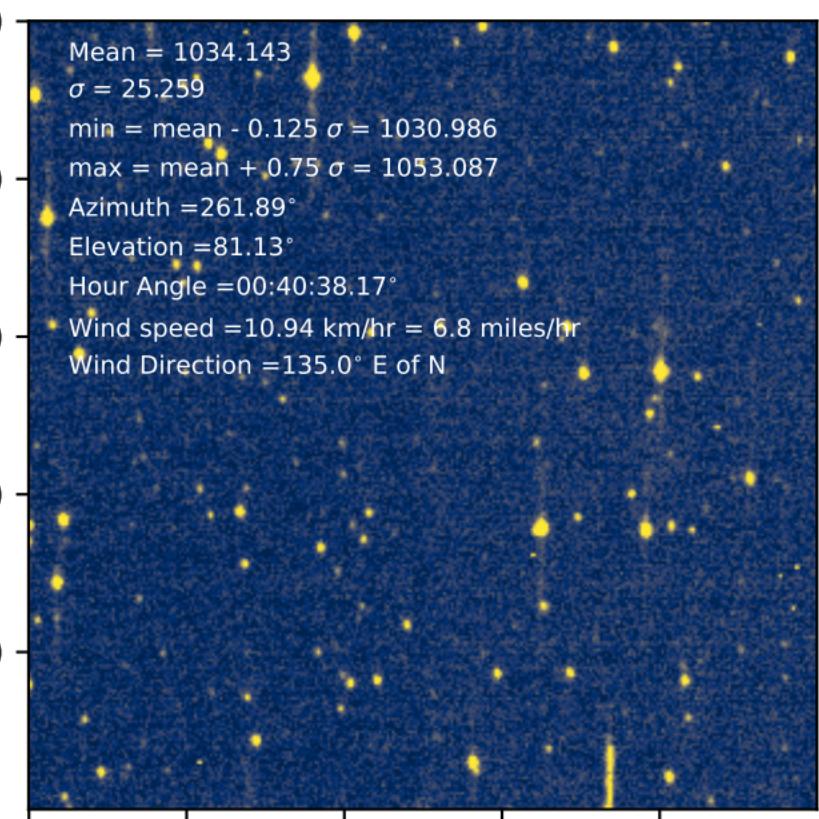
0

200

400

600

800



0

Mean = 1023.514

σ = 29.800

min = mean - 0.125 σ = 1019.789

max = mean + 0.75 σ = 1045.865

Azimuth = 262.14°

Elevation = 80.97°

Hour Angle = 00:41:24.30°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

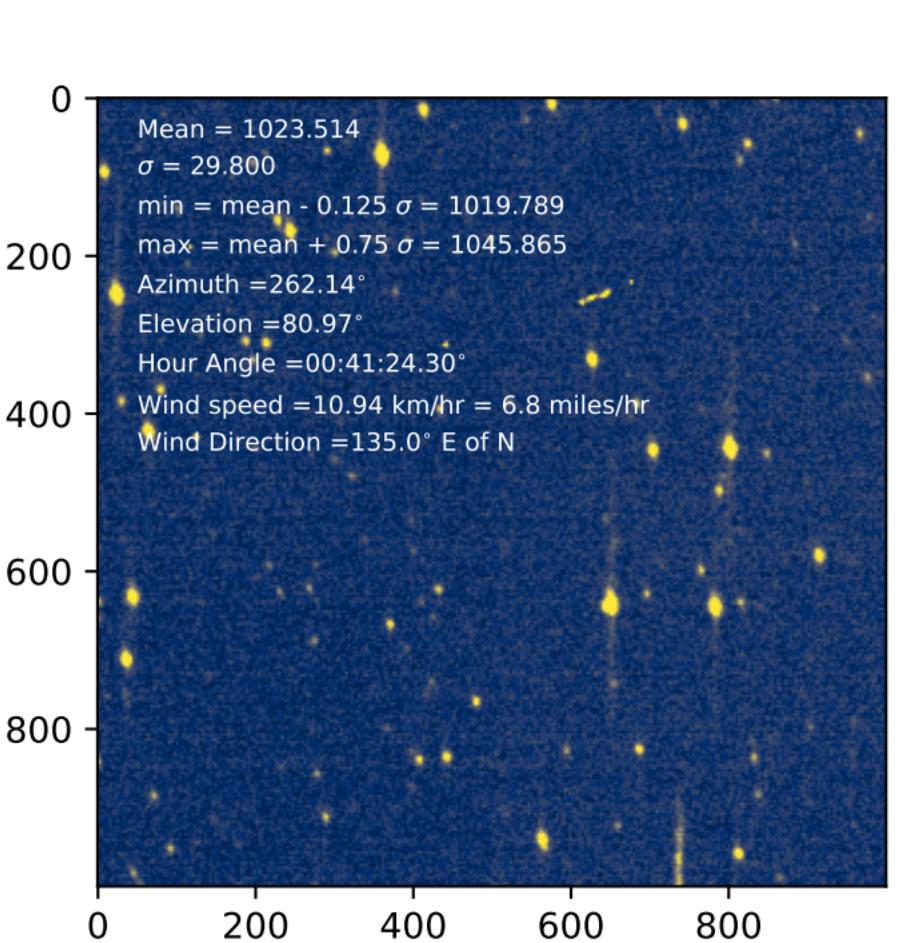
0

200

400

600

800



0

Mean = 1034.472

σ = 24.097

min = mean - 0.125 σ = 1031.46

max = mean + 0.75 σ = 1052.545

Azimuth = 262.41°

Elevation = 80.78°

Hour Angle = 00:42:16.44°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

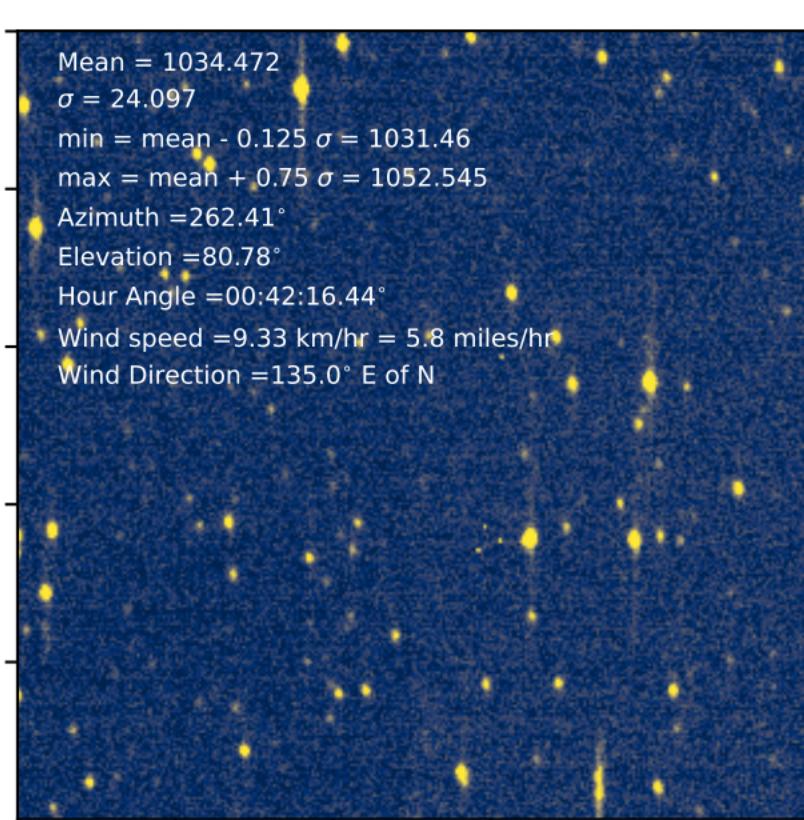
0

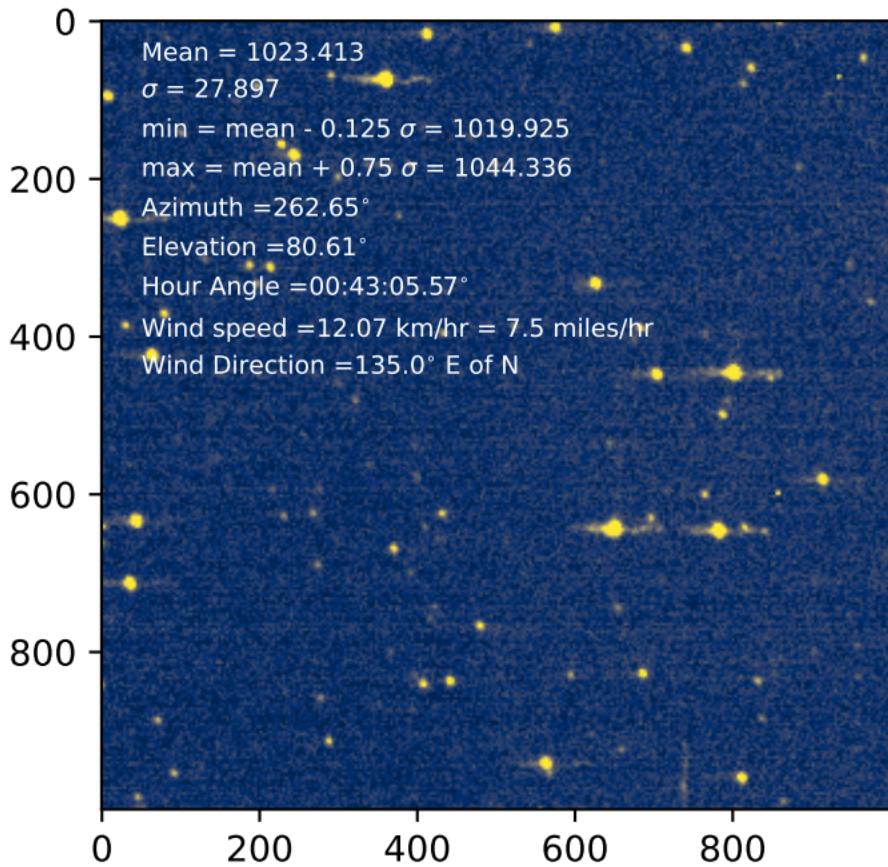
200

400

600

800





0

Mean = 1034.283

σ = 21.292

min = mean - 0.125 σ = 1031.622

max = mean + 0.75 σ = 1050.252

Azimuth = 262.91°

Elevation = 80.43°

Hour Angle = 00:43:57.72°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N.

200

400

600

800

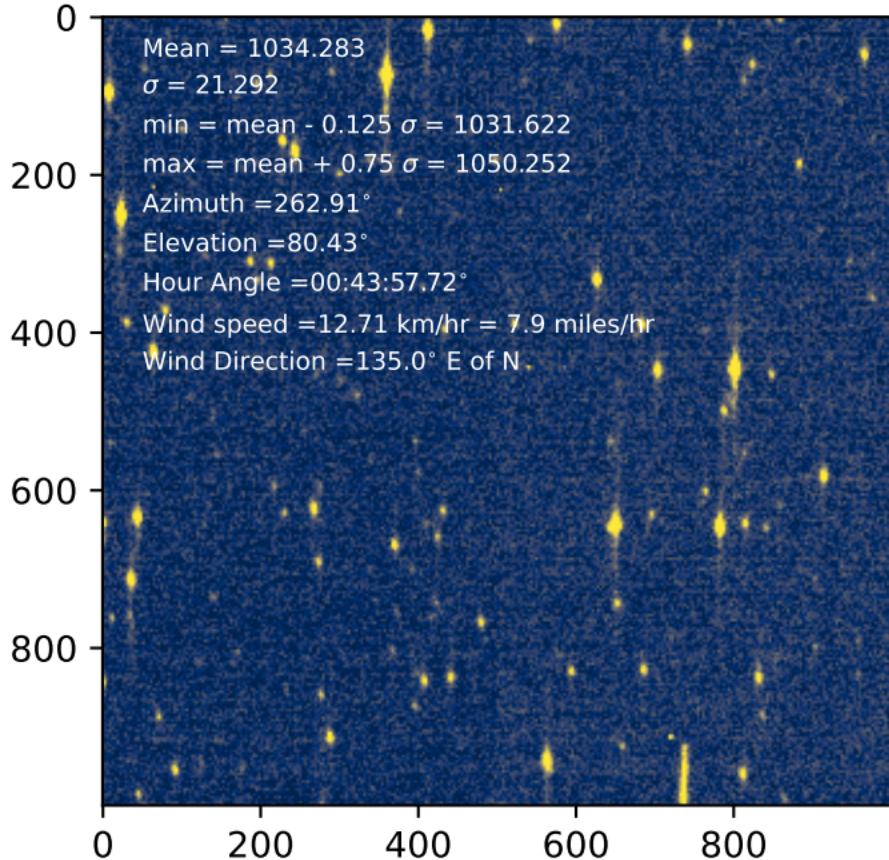
0

200

400

600

800



0

Mean = 1023.413

σ = 28.329

min = mean - 0.125 σ = 1019.872

max = mean + 0.75 σ = 1044.66

Azimuth = 263.14°

Elevation = 80.25°

Hour Angle = 00:44:46.85°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

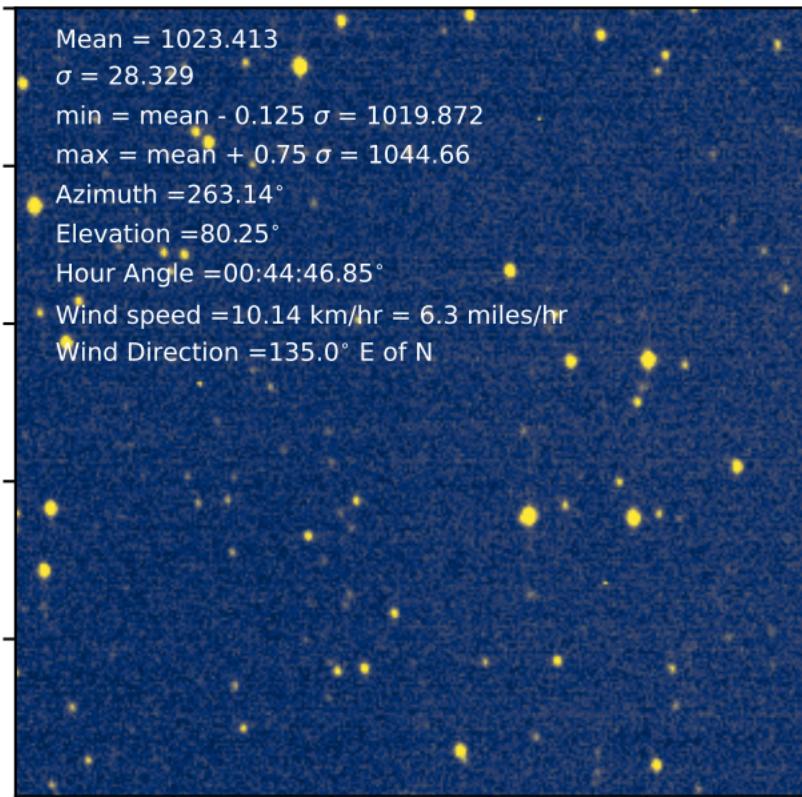
0

200

400

600

800



0

Mean = 1034.417

σ = 19.971

min = mean - 0.125 σ = 1031.921

max = mean + 0.75 σ = 1049.396

Azimuth = 263.38°

Elevation = 80.07°

Hour Angle = 00:45:38.99°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1034.790

σ = 15.843

min = mean - 0.125 σ = 1032.809

max = mean + 0.75 σ = 1046.672

Azimuth = 263.59°

Elevation = 79.9°

Hour Angle = 00:46:27.12°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1047.874

$\sigma = 23.449$

min = mean - 0.125 $\sigma = 1044.943$

max = mean + 0.75 $\sigma = 1065.461$

Azimuth = 263.79°

Elevation = 79.74°

Hour Angle = $00:47:13.25^\circ$

Wind speed = $12.39 \text{ km/hr} = 7.7 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

200

400

600

800

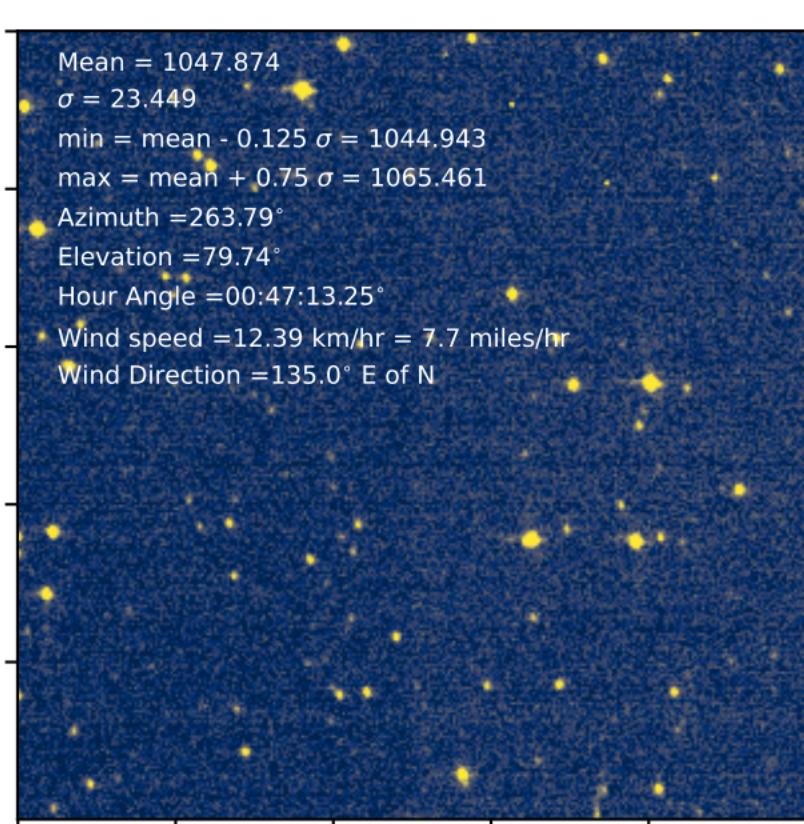
0

200

400

600

800



0

Mean = 1024.345

σ = 21.086

min = mean - 0.125 σ = 1021.709

max = mean + 0.75 σ = 1040.159

Azimuth = 264.02°

Elevation = 79.55°

Hour Angle = 00:48:06.40°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

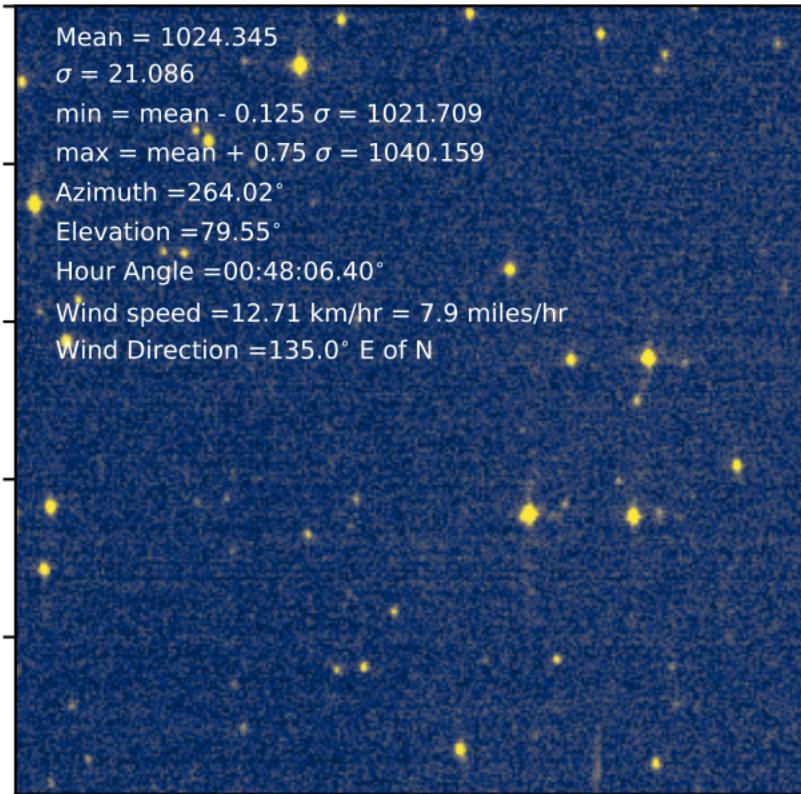
0

200

400

600

800



0

Mean = 1048.988

σ = 21.198

min = mean - 0.125 σ = 1046.339

max = mean + 0.75 σ = 1064.887

Azimuth = 264.22°

Elevation = 79.38°

Hour Angle = 00:48:54.53°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1024.185

σ = 22.500

min = mean - 0.125 σ = 1021.373

max = mean + 0.75 σ = 1041.061

Azimuth = 264.43°

Elevation = 79.19°

Hour Angle = 00:49:47.67°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

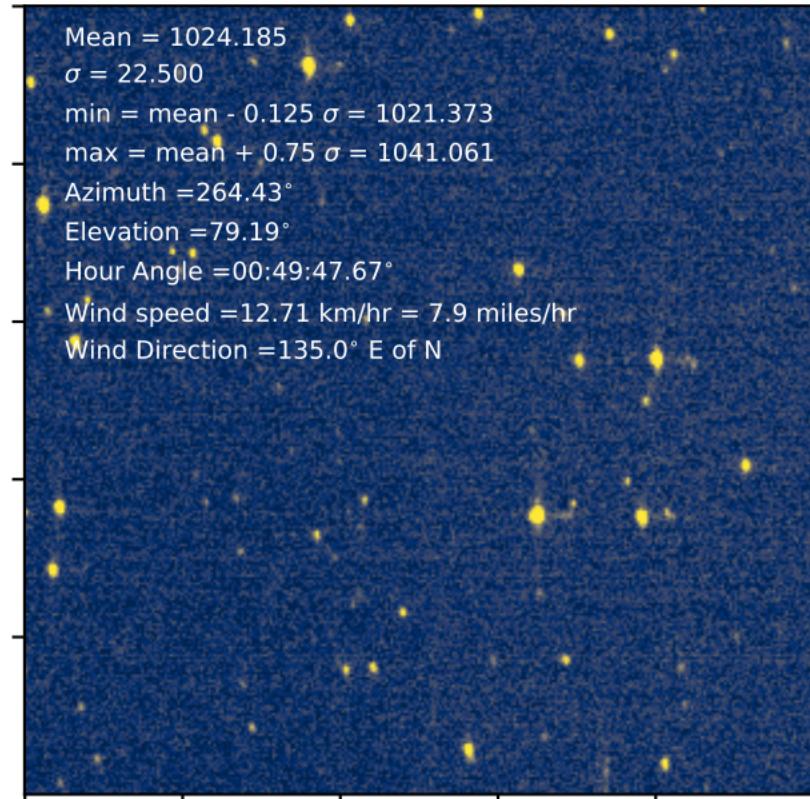
0

200

400

600

800



0

Mean = 1024.014

σ = 23.640

min = mean - 0.125 σ = 1021.059

max = mean + 0.75 σ = 1041.744

Azimuth = 264.62°

Elevation = 79.02°

Hour Angle = 00:50:35.80°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

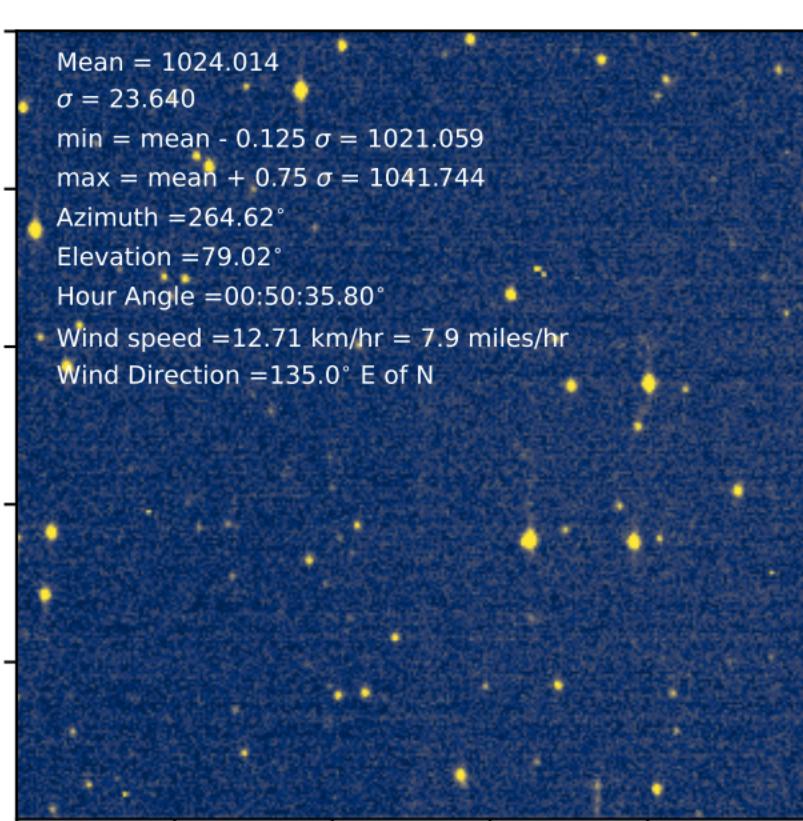
0

200

400

600

800



0

Mean = 1034.611

σ = 20.200

min = mean - 0.125 σ = 1032.086

max = mean + 0.75 σ = 1049.76

Azimuth = 264.82°

Elevation = 78.84°

Hour Angle = 00:51:26.94°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1024.011

σ = 25.043

min = mean - 0.125 σ = 1020.88

max = mean + 0.75 σ = 1042.793

Azimuth = 265.01°

Elevation = 78.67°

Hour Angle = 00:52:16.08°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

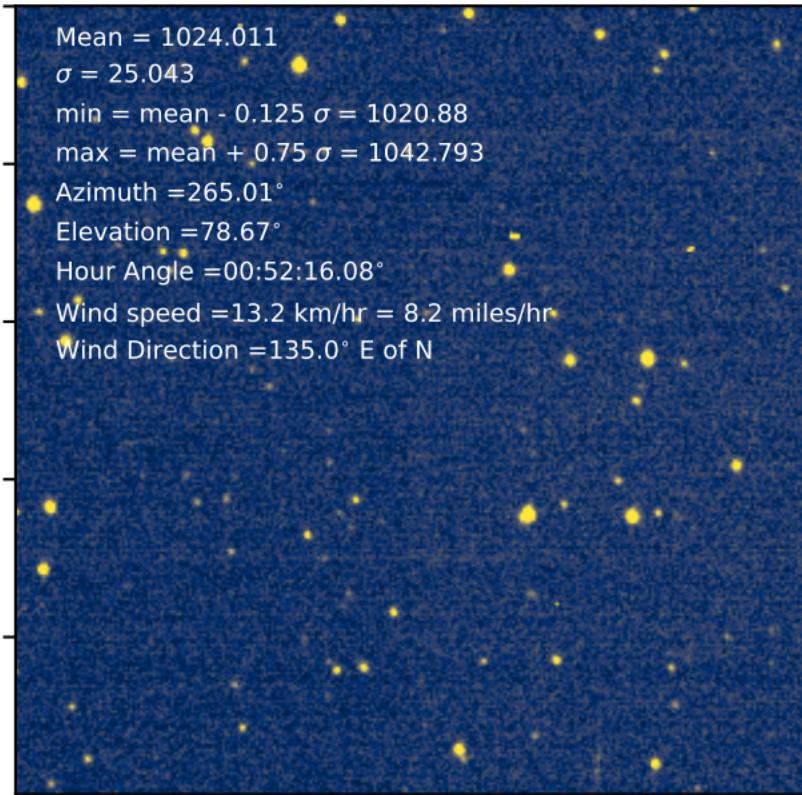
0

200

400

600

800



0

Mean = 1034.452

σ = 24.163

min = mean - 0.125 σ = 1031.432

max = mean + 0.75 σ = 1052.574

Azimuth = 265.2°

Elevation = 78.49°

Hour Angle = 00:53:08.22°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

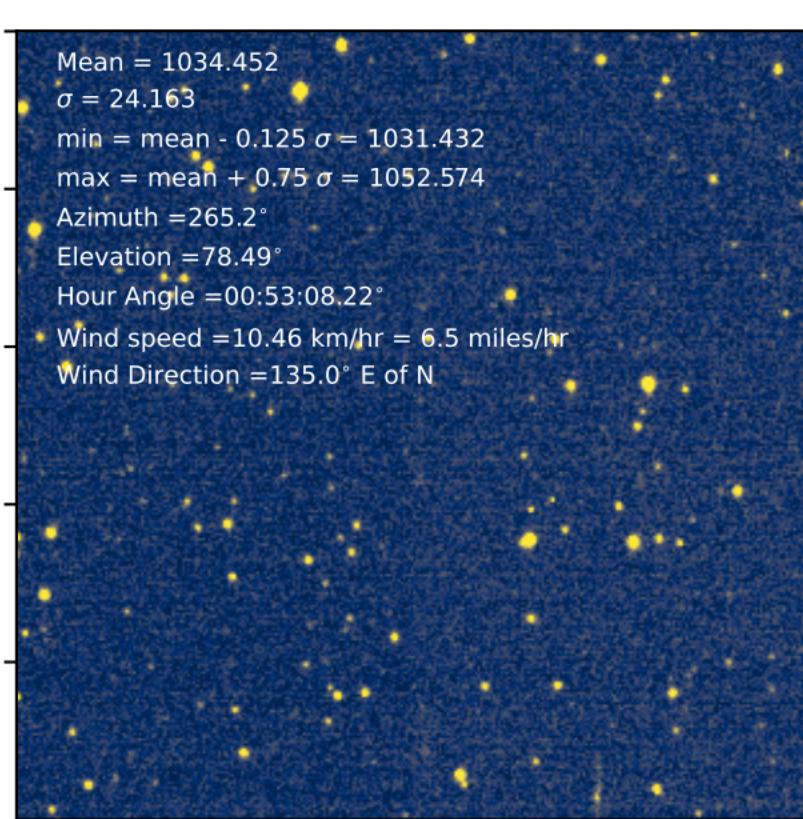
0

200

400

600

800



0

Mean = 1023.664

σ = 25.066

min = mean - 0.125 σ = 1020.53

max = mean + 0.75 σ = 1042.463

200

Azimuth = 265.37°

Elevation = 78.31°

400

Hour Angle = 00:53:57.35°

Wind speed = 9.82 km/hr = 6.1 miles/hr

600

Wind Direction = 135.0° E of N

800

0

200

400

600

800

0

Mean = 1034.855

σ = 21.907

min = mean - 0.125 σ = 1032.117

max = mean + 0.75 σ = 1051.285

Azimuth = 265.56°

Elevation = 78.13°

Hour Angle = 00:54:49.50°

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

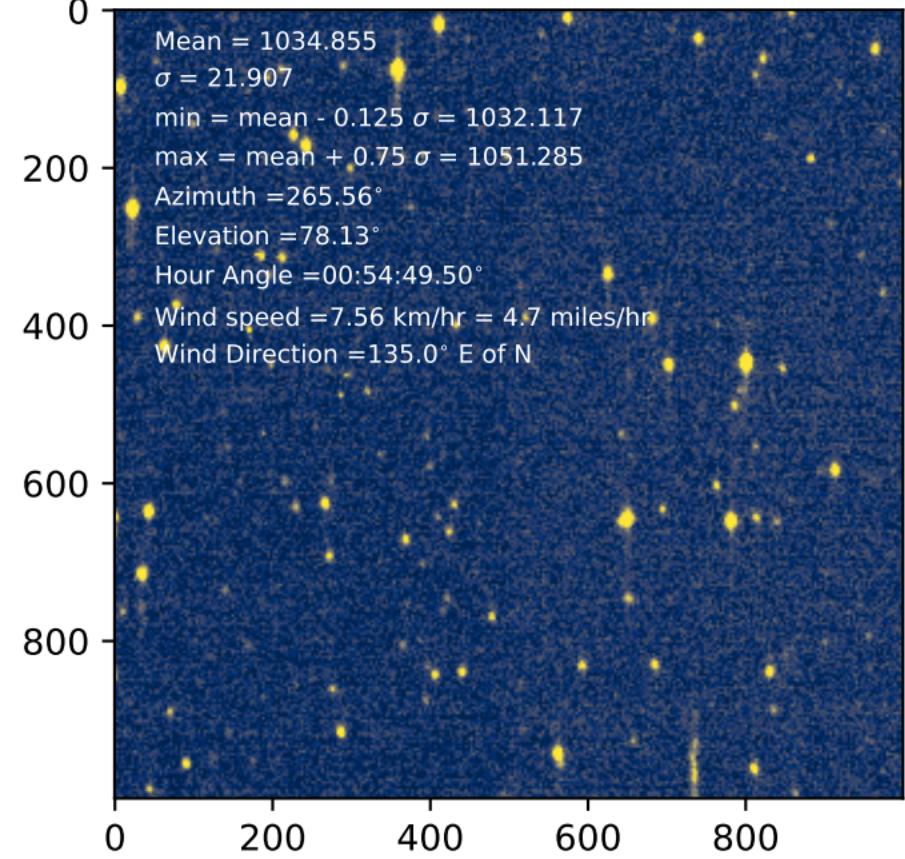
0

200

400

600

800



0

Mean = 1023.532

σ = 23.954

min = mean - 0.125 σ = 1020.538

max = mean + 0.75 σ = 1041.498

Azimuth = 265.72°

Elevation = 77.96°

Hour Angle = 00:55:35.62°

200

400

600

800

0

200

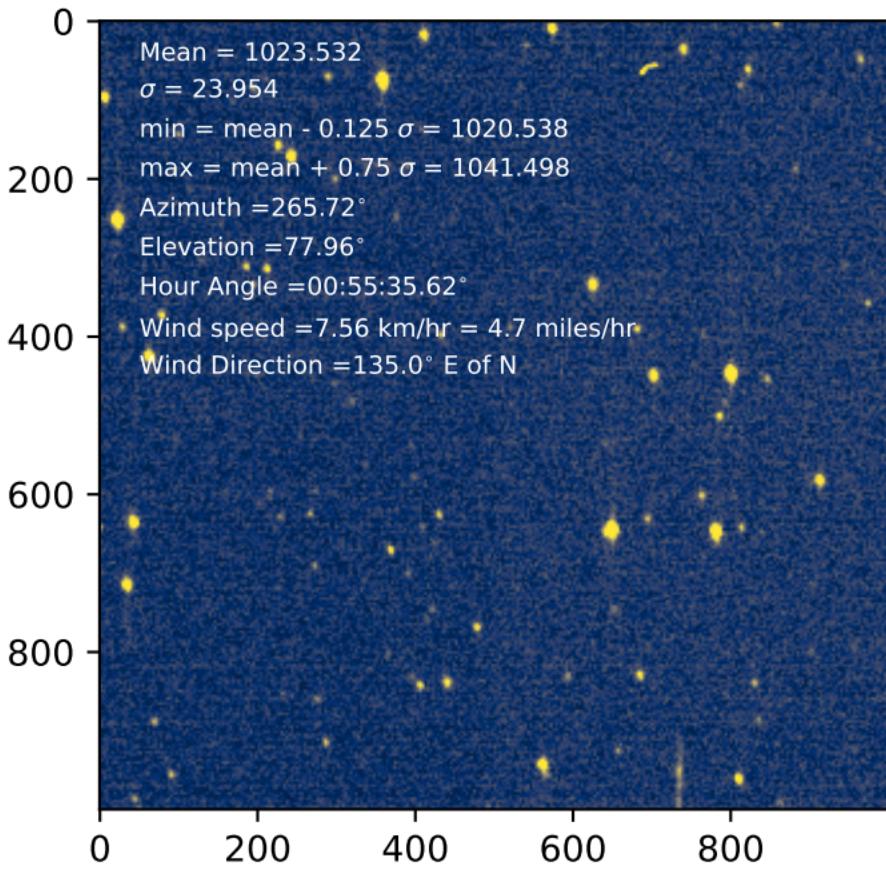
400

600

800

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1045.581

σ = 26.076

min = mean - 0.125 σ = 1042.322

max = mean + 0.75 σ = 1065.138

Azimuth = 265.89°

Elevation = 77.79°

Hour Angle = 00:56:24.76°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1023.550

σ = 22.965

min = mean - 0.125 σ = 1020.679

max = mean + 0.75 σ = 1040.774

Azimuth = 266.06°

Elevation = 77.6°

Hour Angle = 00:57:17.90°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

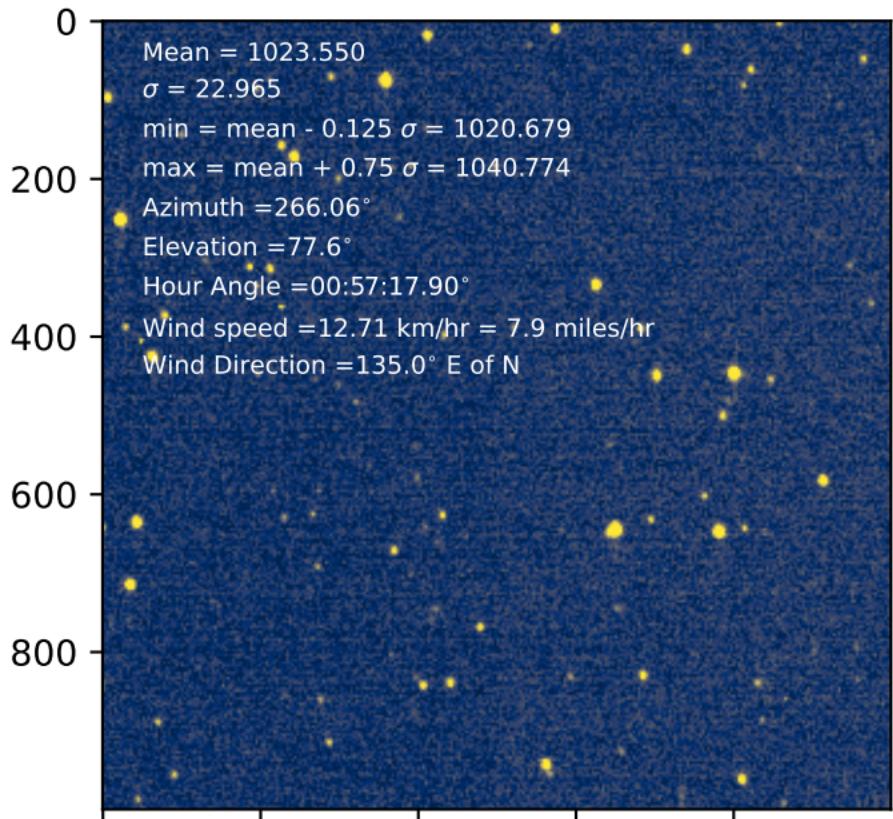
0

200

400

600

800



0

Mean = 1034.907

σ = 20.973

min = mean - 0.125 σ = 1032.285

max = mean + 0.75 σ = 1050.636

Azimuth = 266.24°

Elevation = 77.41°

Hour Angle = 00:58:13.05°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

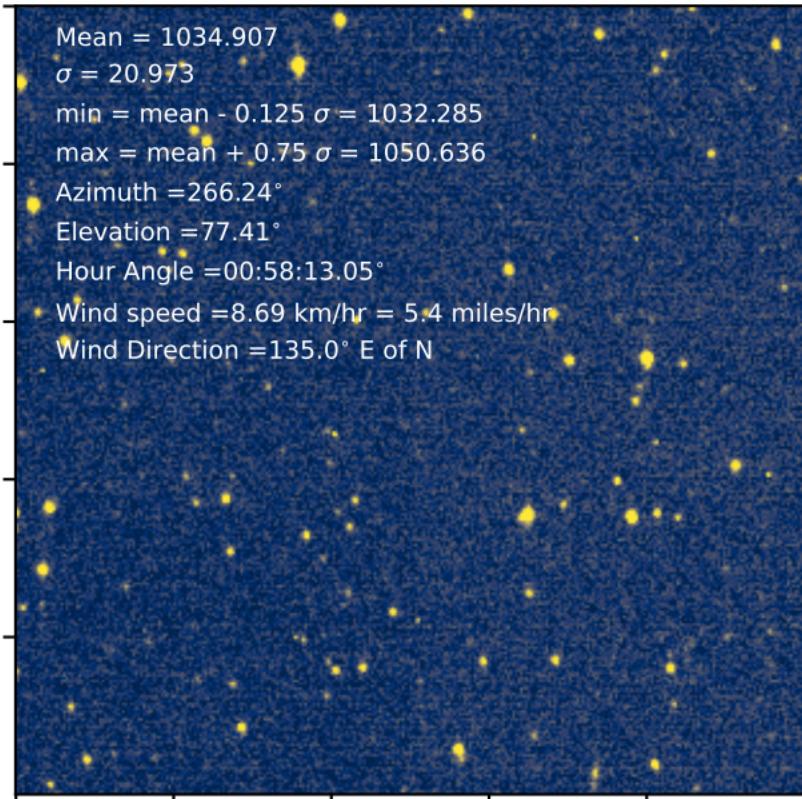
0

200

400

600

800



0

Mean = 1023.066

σ = 26.579

min = mean - 0.125 σ = 1019.744

max = mean + 0.75 σ = 1043.001

Azimuth = 266.39°

Elevation = 77.24°

Hour Angle = 00:58:59.18°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

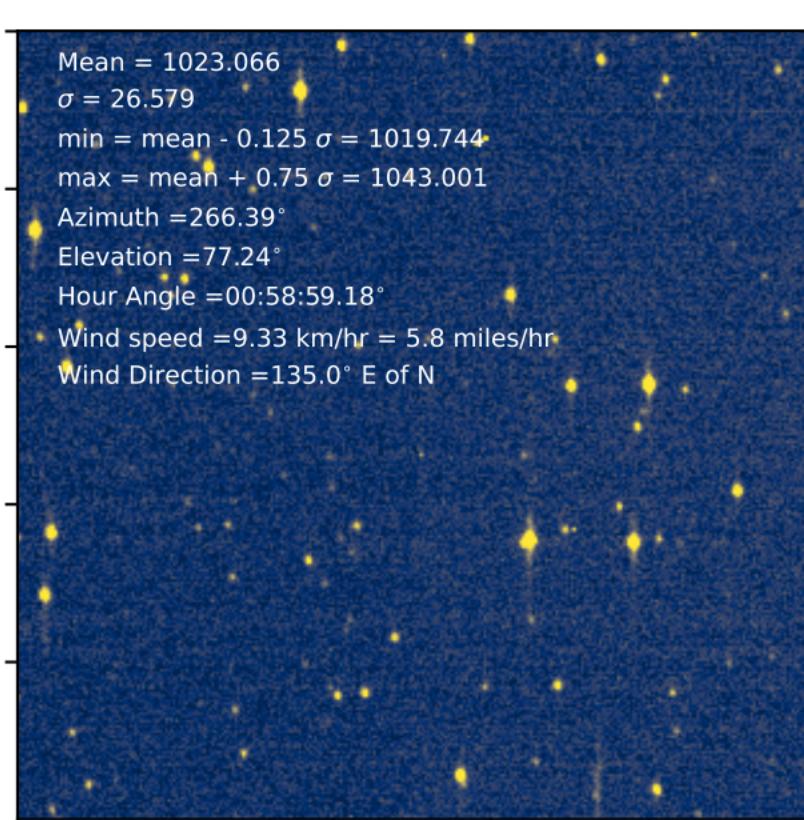
0

200

400

600

800



0

Mean = 1034.897

σ = 21.821

min = mean - 0.125 σ = 1032.17

max = mean + 0.75 σ = 1051.263

200

Azimuth = 266.56°

Elevation = 77.05°

Hour Angle = 00:59:54.33°

400

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

600

800

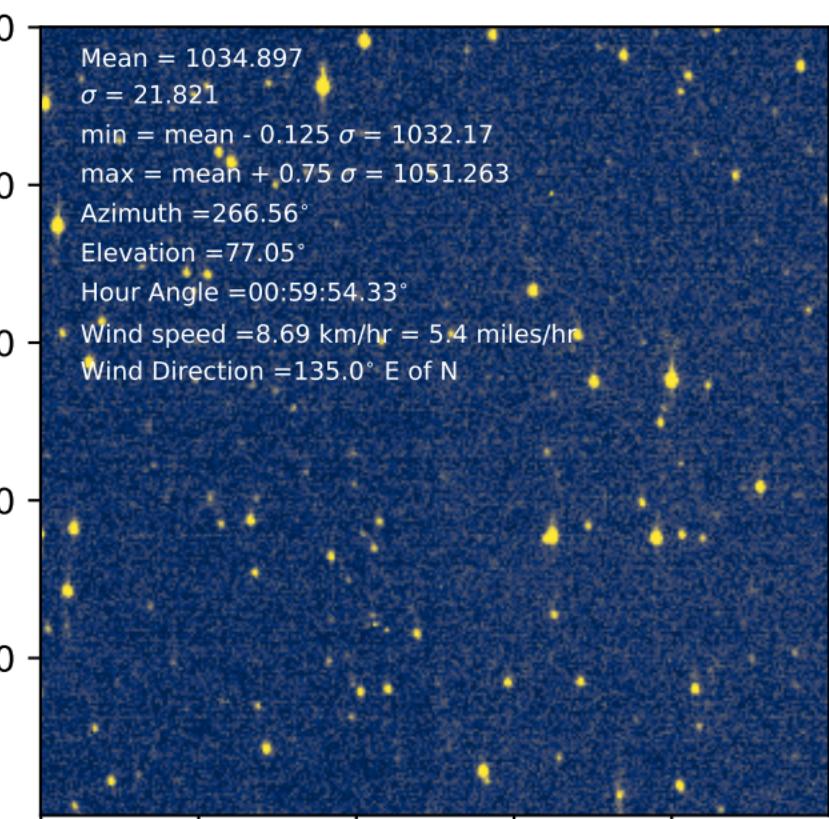
0

200

400

600

800



0

Mean = 1035.176

σ = 22.290

min = mean - 0.125 σ = 1032.39

max = mean + 0.75 σ = 1051.894

Azimuth = 266.7°

Elevation = 76.89°

Hour Angle = 01:00:38.45°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

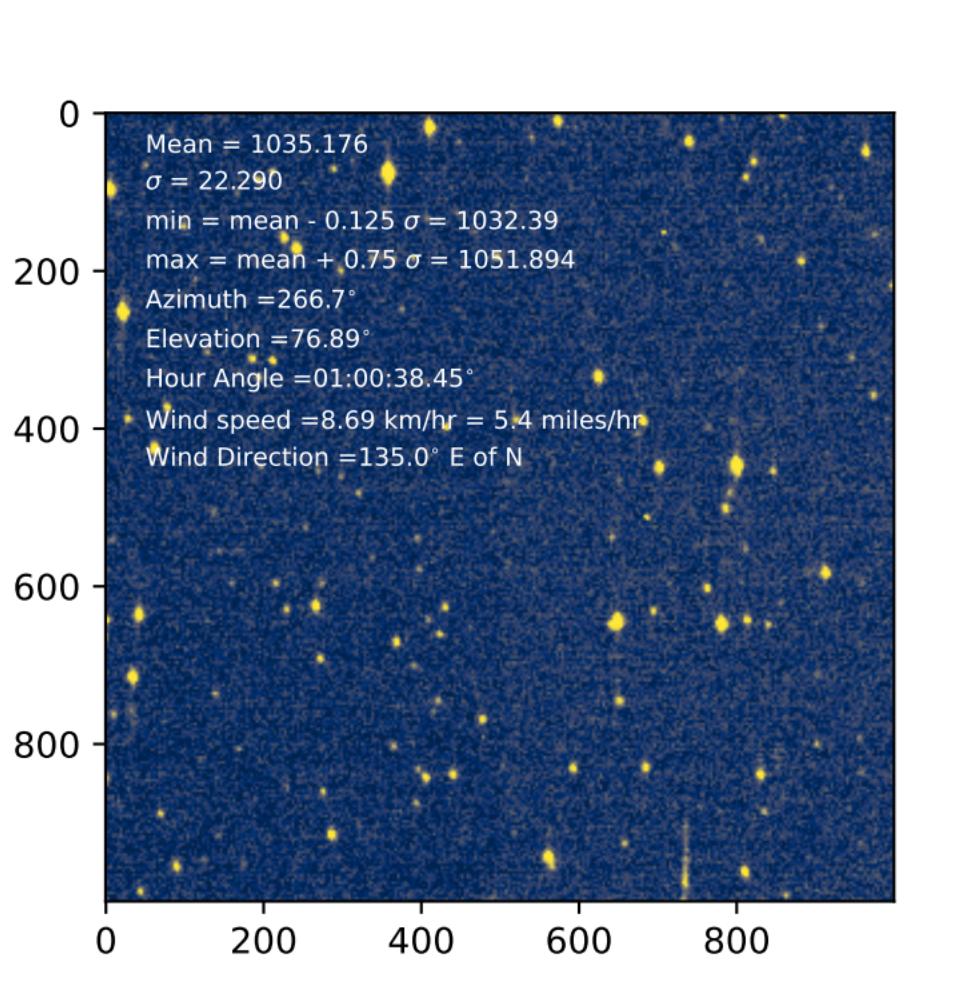
0

200

400

600

800



0

Mean = 1023.355

σ = 26.392

min = mean - 0.125 σ = 1020.056

max = mean + 0.75 σ = 1043.149

Azimuth = 266.84°

Elevation = 76.73°

Hour Angle = 01:01:24.57°

200

400

600

800

0

200

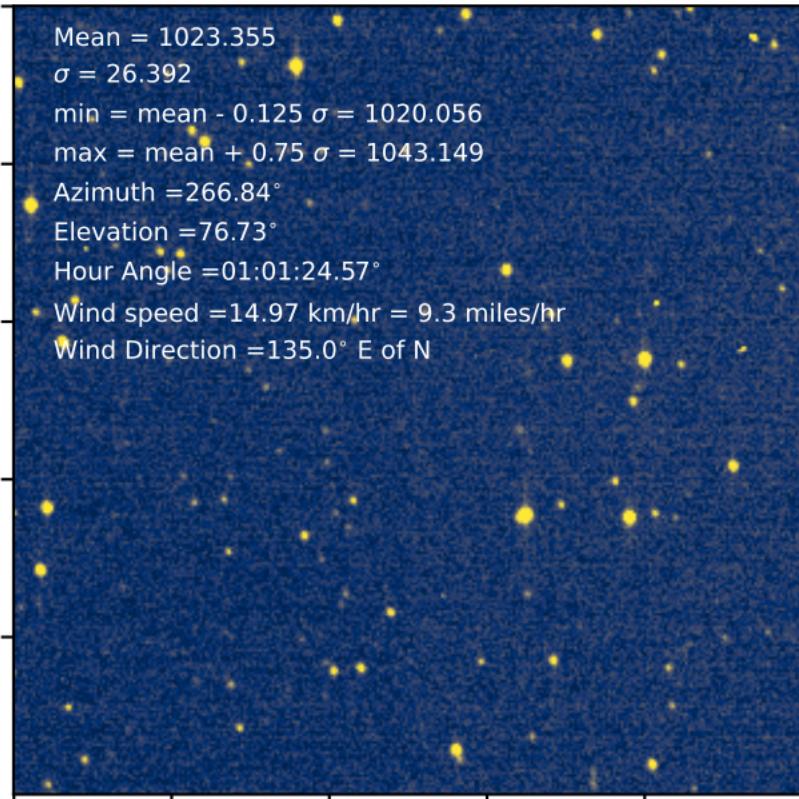
400

600

800

Wind speed = 14.97 km/hr = 9.3 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1048.181

σ = 25.912

min = mean - 0.125 σ = 1044.942

max = mean + 0.75 σ = 1067.615

Azimuth = 266.98°

Elevation = 76.57°

Hour Angle = 01:02:10.70°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0 100 200 300 400 500 600 700 800 900 1000

0 100 200 300 400 500 600 700 800 900 1000

0

Mean = 1049.591

σ = 23.641

min = mean - 0.125 σ = 1046.636

max = mean + 0.75 σ = 1067.322

Azimuth = 267.11°

Elevation = 76.41°

Hour Angle = 01:02:54.82°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1035.692

σ = 20.553

min = mean - 0.125 σ = 1033.123

max = mean + 0.75 σ = 1051.107

Azimuth = 267.26°

Elevation = 76.23°

Hour Angle = 01:03:45.96°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1023.944

σ = 23.801

min = mean - 0.125 σ = 1020.969

max = mean + 0.75 σ = 1041.795

Azimuth = 267.39°

Elevation = 76.07°

Hour Angle = 01:04:32.09°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

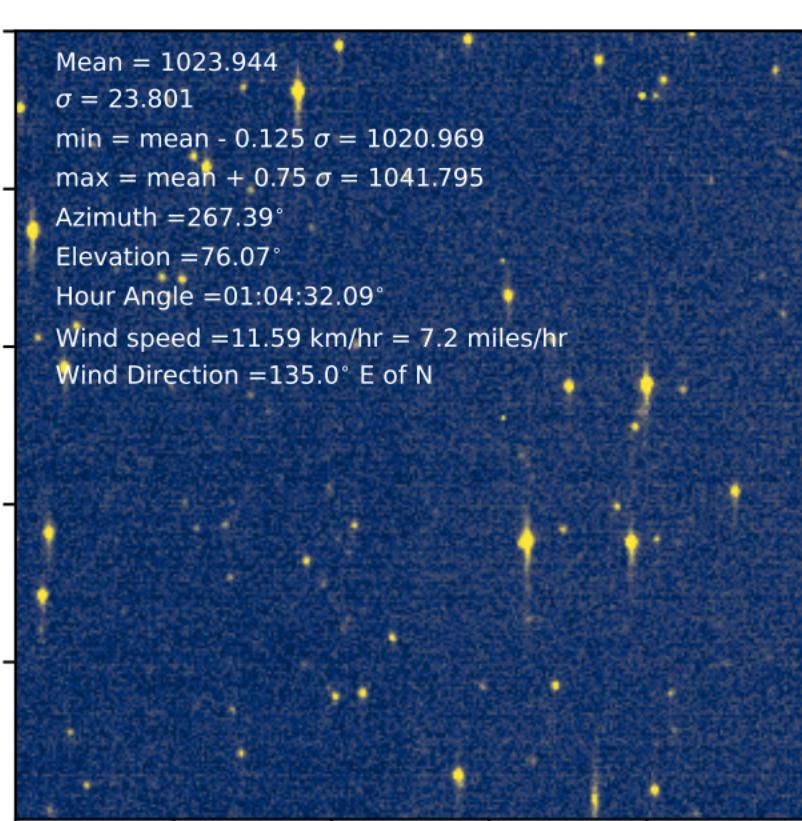
0

200

400

600

800



0

Mean = 1046.886

σ = 27.376

min = mean - 0.125 σ = 1043.464

max = mean + 0.75 σ = 1067.419

Azimuth = 267.52°

Elevation = 75.91°

Hour Angle = 01:05:17.21°

200

400

600

800

0

200

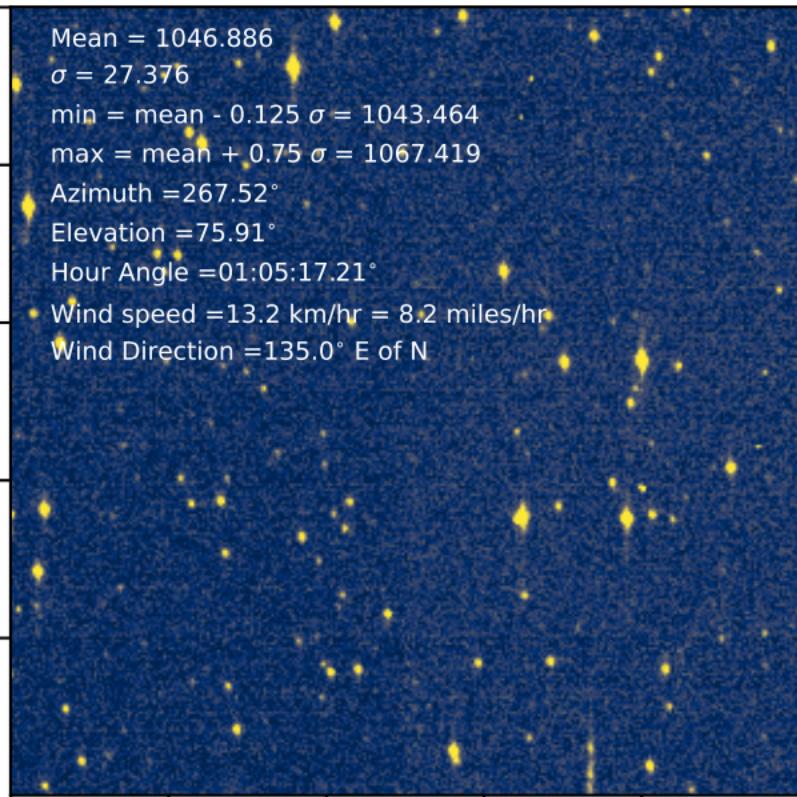
400

600

800

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1035.338

σ = 22.217

min = mean - 0.125 σ = 1032.561

max = mean + 0.75 σ = 1052.001

Azimuth = 267.66°

Elevation = 75.72°

Hour Angle = 01:06:09.35°

200

400

600

800

0

200

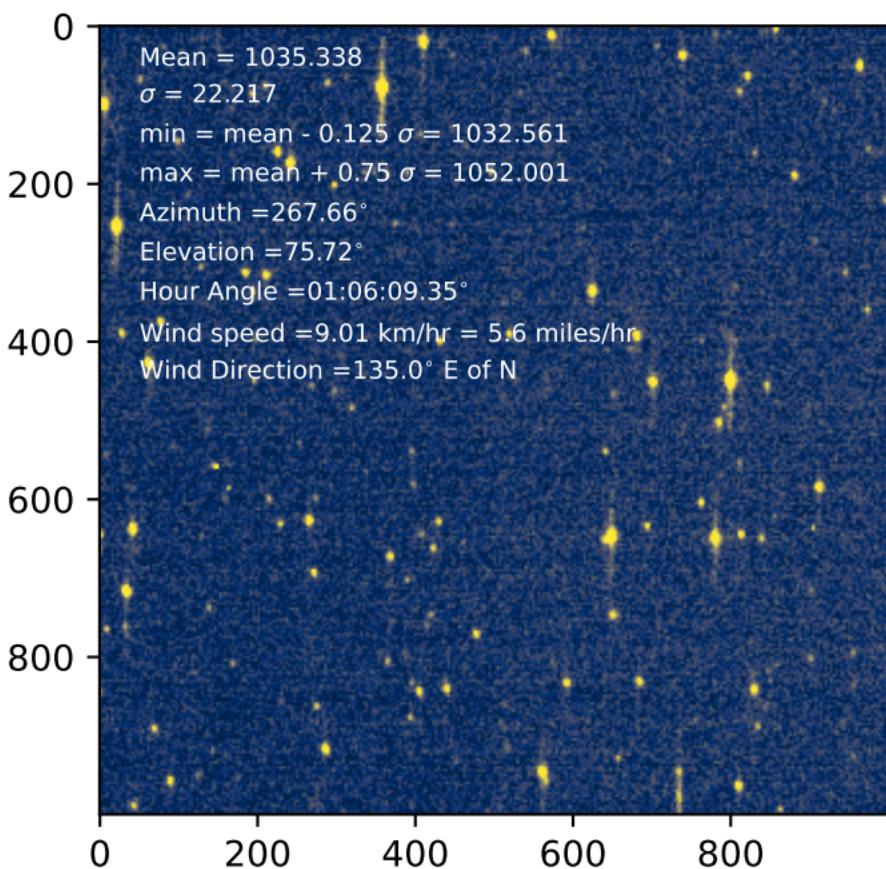
400

600

800

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1023.788

σ = 24.900

min = mean - 0.125 σ = 1020.675

max = mean + 0.75 σ = 1042.463

Azimuth = 267.78°

Elevation = 75.56°

Hour Angle = 01:06:54.48°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1051.549

σ = 20.823

min = mean - 0.125 σ = 1048.946

max = mean + 0.75 σ = 1067.166

Azimuth = 267.91°

Elevation = 75.4°

Hour Angle = 01:07:40.60°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

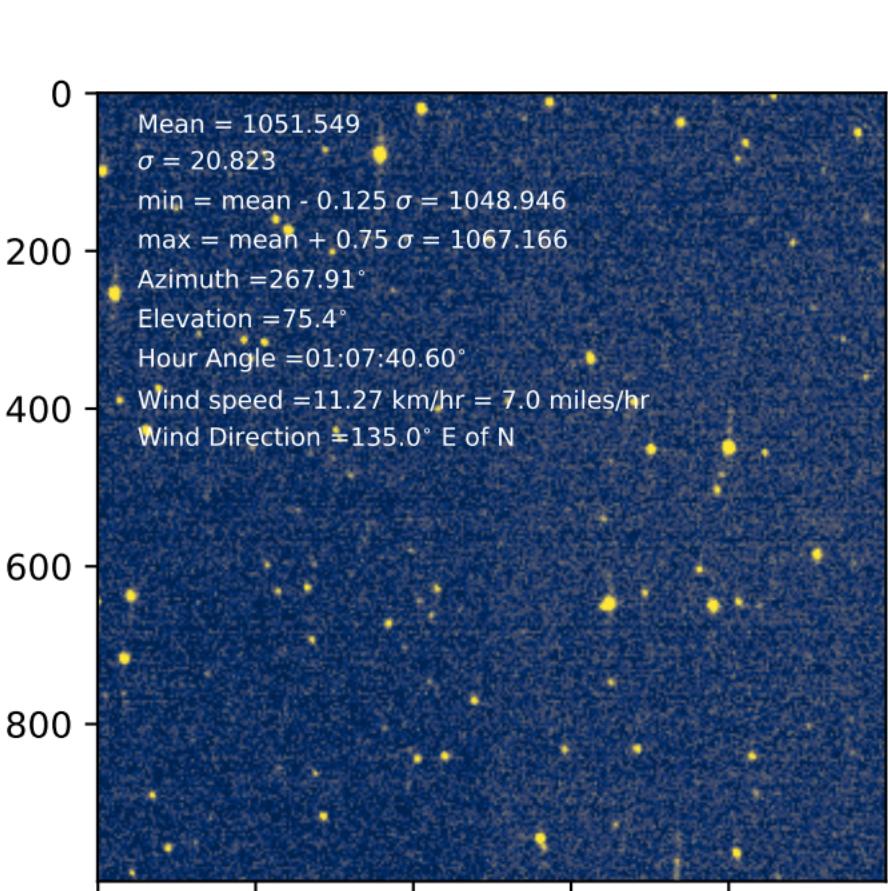
0

200

400

600

800



0

Mean = 1053.870

σ = 18.482

min = mean - 0.125 σ = 1051.56

max = mean + 0.75 σ = 1067.732

Azimuth = 268.03°

Elevation = 75.24°

Hour Angle = 01:08:24.72°

Wind speed = 7.08 km/hr = 4.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0 100 200 300 400 500 600 700 800 900 1000

0 100 200 300 400 500 600 700 800 900 1000

0

Mean = 1036.389

σ = 16.298

min = mean - 0.125 σ = 1034.352

max = mean + 0.75 σ = 1048.612

Azimuth = 268.16°

Elevation = 75.06°

Hour Angle = 01:09:16.86°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

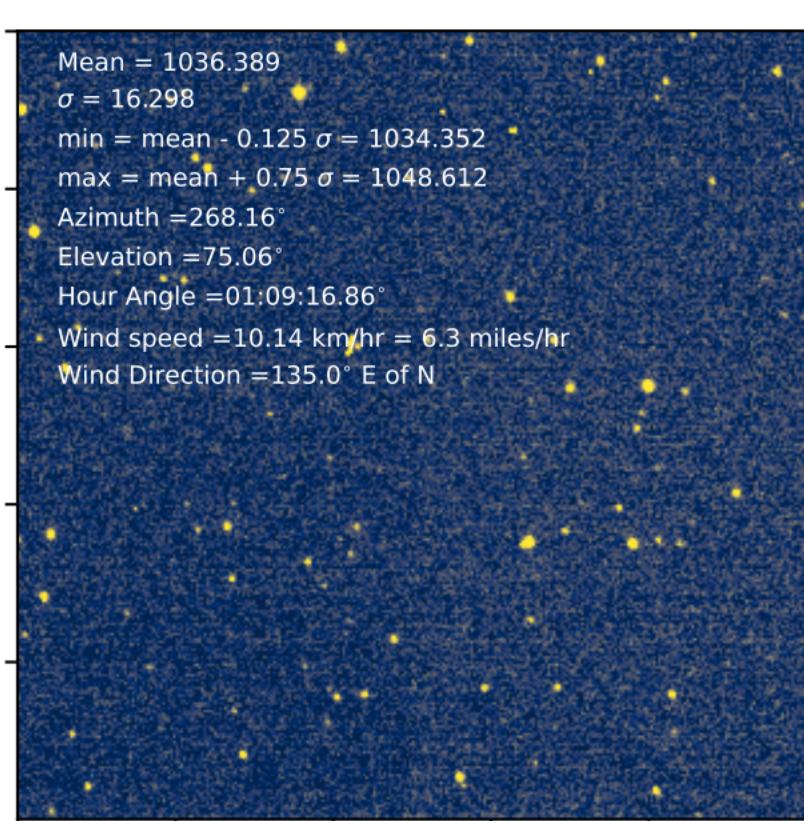
0

200

400

600

800



0

Mean = 1024.913

$\sigma = 20.937$

min = mean - 0.125 $\sigma = 1022.296$

max = mean + 0.75 $\sigma = 1040.616$

Azimuth = 268.28°

Elevation = 74.9°

Hour Angle = $01:10:01.99^\circ$

200

400

600

800

Wind speed = $12.07 \text{ km/hr} = 7.5 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

0

200

400

600

800



0

Mean = 1050.168

$\sigma = 25.228$

min = mean - 0.125 $\sigma = 1047.014$

max = mean + 0.75 $\sigma = 1069.088$

Azimuth = 268.4°

Elevation = 74.73°

Hour Angle = $01:10:48.11^\circ$

Wind speed = $11.59 \text{ km/hr} = 7.2 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

200

400

600

800

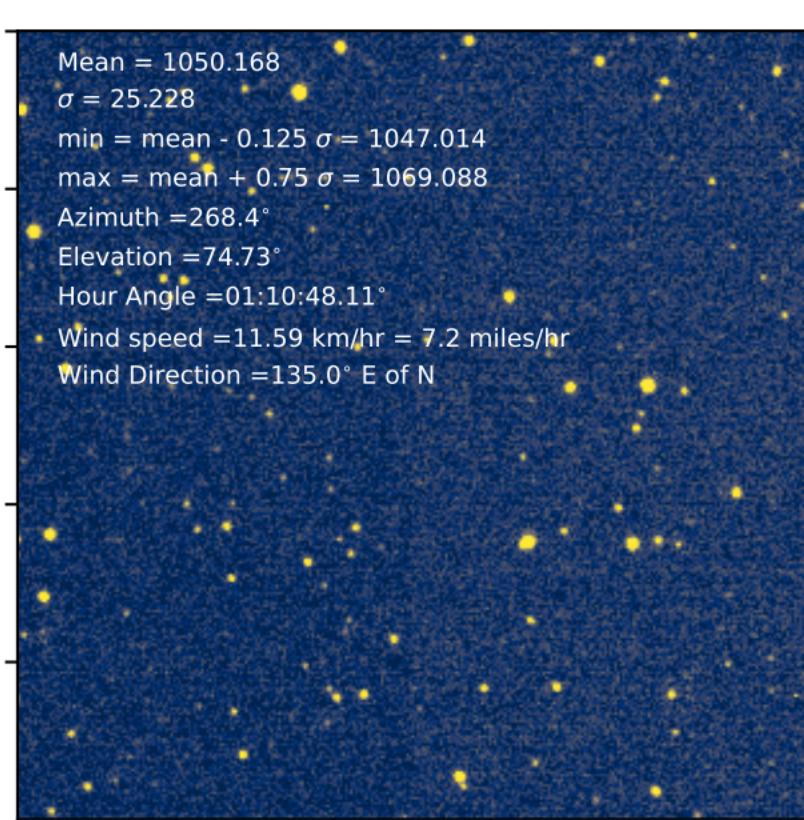
0

200

400

600

800



0

Mean = 1036.689

σ = 20.872

min = mean - 0.125 σ = 1034.08

max = mean + 0.75 σ = 1052.343

Azimuth = 268.53°

Elevation = 74.55°

Hour Angle = 01:11:39.25°

200

400

600

800

0

200

400

600

800



0

Mean = 1024.233

σ = 26.601

min = mean - 0.125 σ = 1020.908

max = mean + 0.75 σ = 1044.184

Azimuth = 268.64°

Elevation = 74.39°

Hour Angle = 01:12:24.38°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

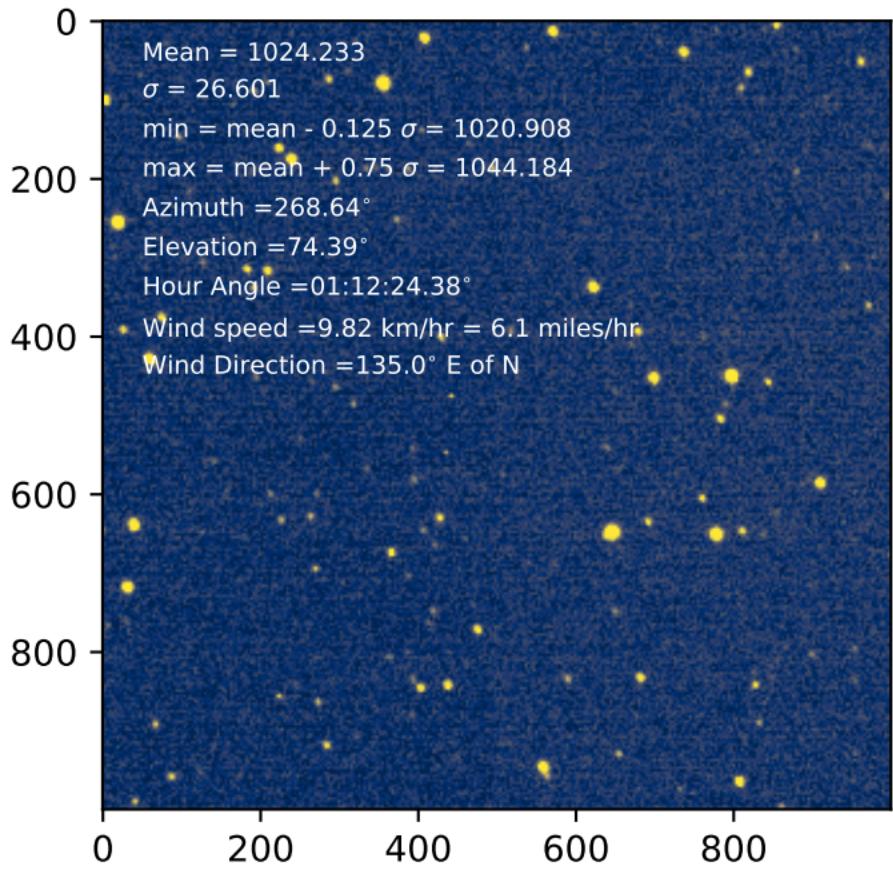
0

200

400

600

800



0

Mean = 1049.102

σ = 28.986

min = mean - 0.125 σ = 1045.479

max = mean + 0.75 σ = 1070.841

Azimuth = 268.76°

Elevation = 74.23°

Hour Angle = 01:13:10.50°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1046.883

σ = 31.020

min = mean - 0.125 σ = 1043.006

max = mean + 0.75 σ = 1070.148

Azimuth = 268.86°

Elevation = 74.07°

Hour Angle = 01:13:54.62°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1036.325

σ = 29.559

min = mean - 0.125 σ = 1032.631

max = mean + 0.75 σ = 1058.494

Azimuth = 268.99°

Elevation = 73.89°

Hour Angle = 01:14:45.76°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

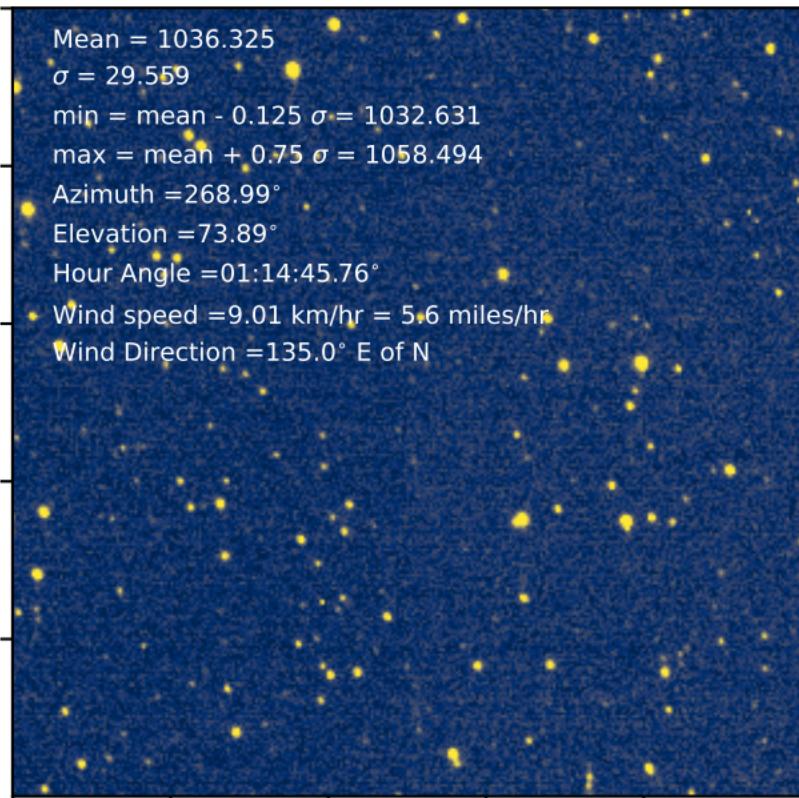
0

200

400

600

800



0

Mean = 1022.756

σ = 33.970

min = mean - 0.125 σ = 1018.51

max = mean + 0.75 σ = 1048.233

200

Azimuth = 269.1°

Elevation = 73.72°

Hour Angle = 01:15:32.89°

400

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

600

800

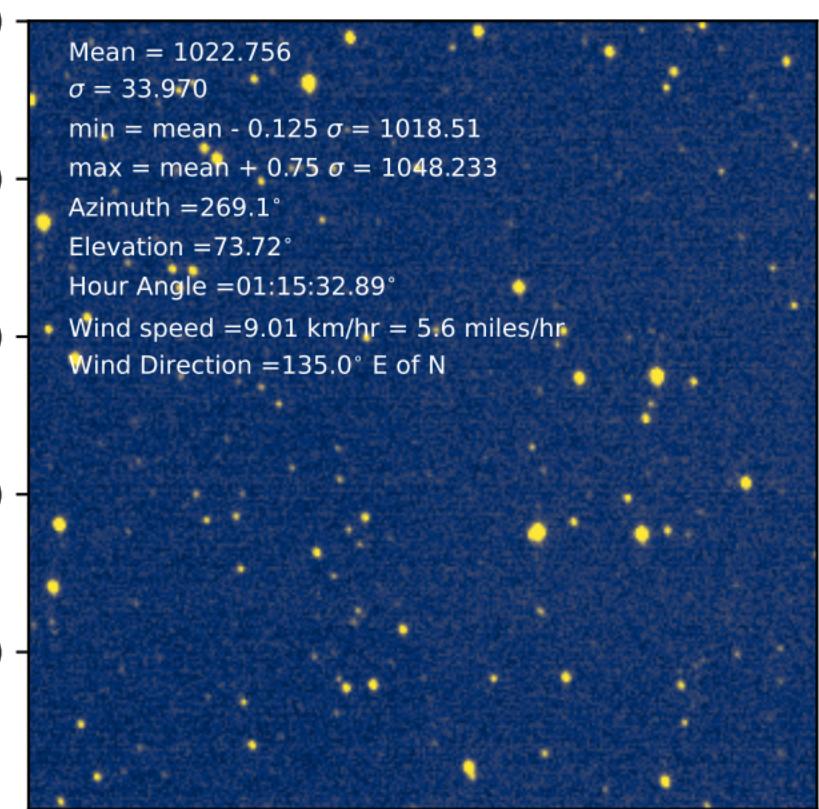
0

200

400

600

800



0

Mean = 1045.013

σ = 36.880

min = mean - 0.125 σ = 1040.403

max = mean + 0.75 σ = 1072.673

Azimuth = 269.21°

Elevation = 73.56°

Hour Angle = 01:16:18.01°

200

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

400

600

800

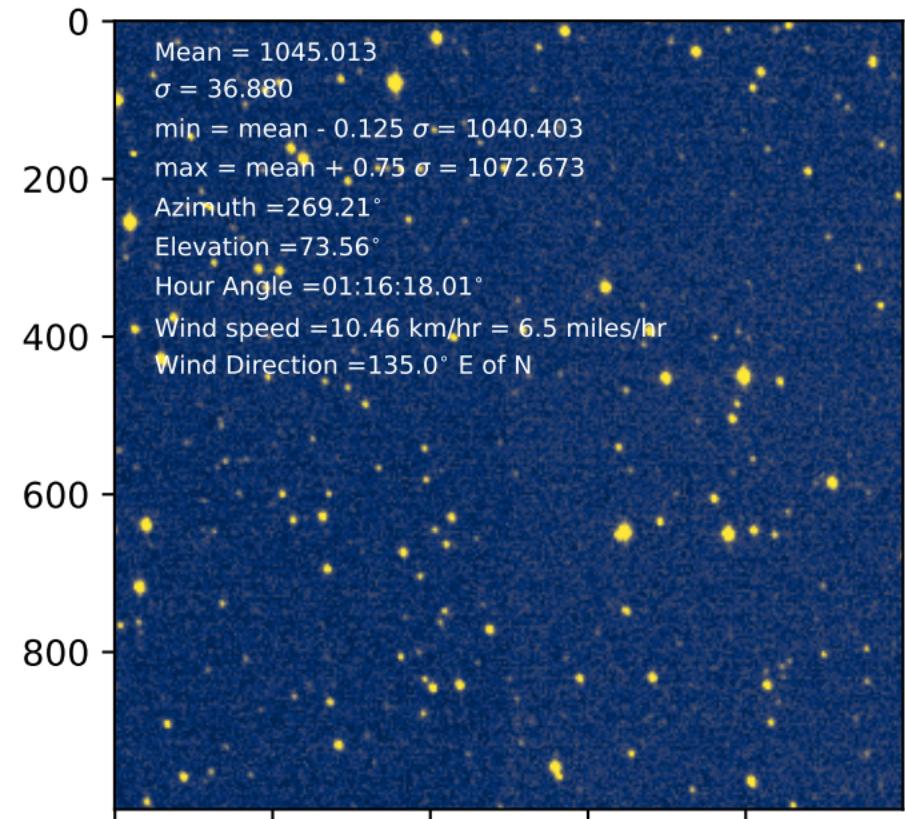
0

200

400

600

800



0

Mean = 1037.011

σ = 26.508

min = mean - 0.125 σ = 1033.697

max = mean + 0.75 σ = 1056.892

Azimuth = 269.33°

Elevation = 73.38°

Hour Angle = 01:17:09.15°

200

400

600

800

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

0

200

400

600

800



0

Mean = 1024.871

σ = 26.139

min = mean - 0.125 σ = 1021.604

max = mean + 0.75 σ = 1044.476

Azimuth = 269.43°

Elevation = 73.22°

Hour Angle = 01:17:55.28°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

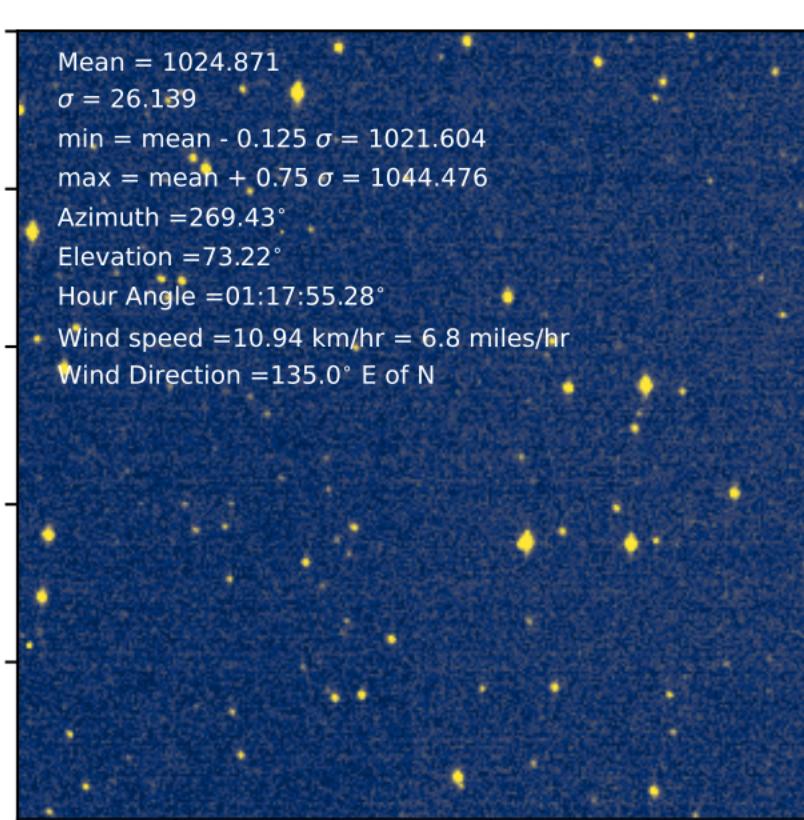
0

200

400

600

800



0

Mean = 1051.393

$\sigma = 27.781$

min = mean - 0.125 σ = 1047.92

max = mean + 0.75 σ = 1072.229

Azimuth = 269.54°

Elevation = 73.06°

Hour Angle = 01:18:41.41°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

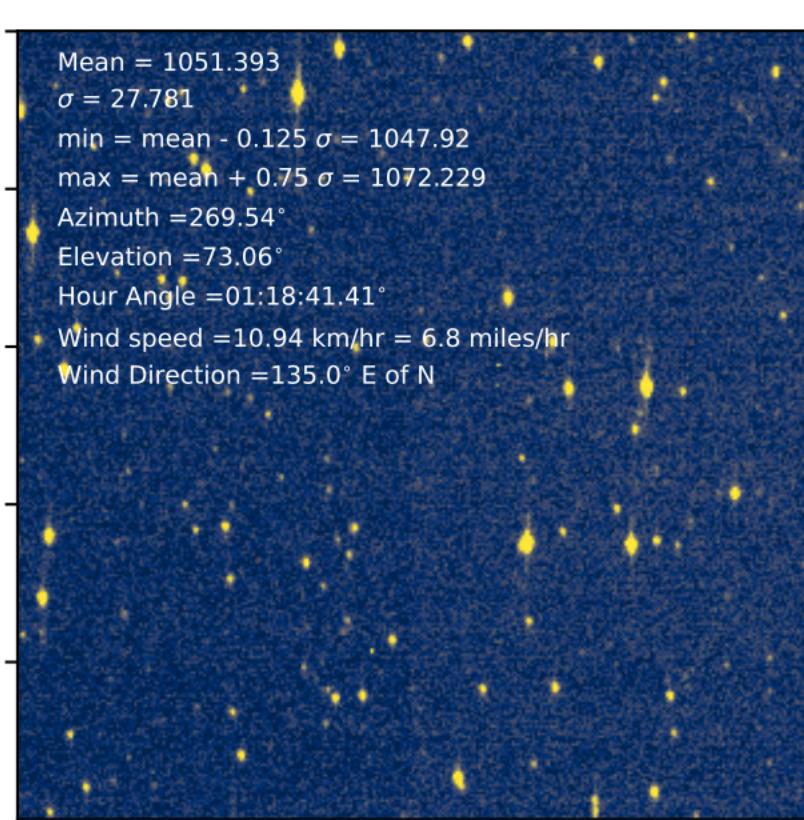
0

200

400

600

800



0

Mean = 1050.574

σ = 29.146

min = mean - 0.125 σ = 1046.93

max = mean + 0.75 σ = 1072.433

Azimuth = 269.64°

Elevation = 72.9°

Hour Angle = 01:19:25.53°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

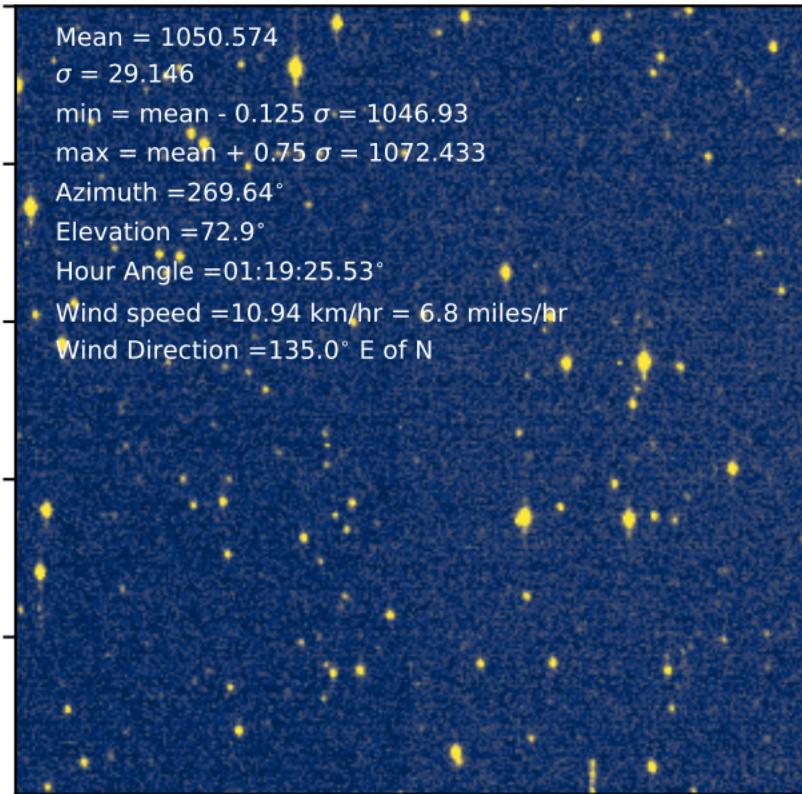
0

200

400

600

800



0

Mean = 1036.942

σ = 25.642

min = mean - 0.125 σ = 1033.737

max = mean + 0.75 σ = 1056.174

Azimuth = 269.75°

Elevation = 72.72°

Hour Angle = 01:20:16.67°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

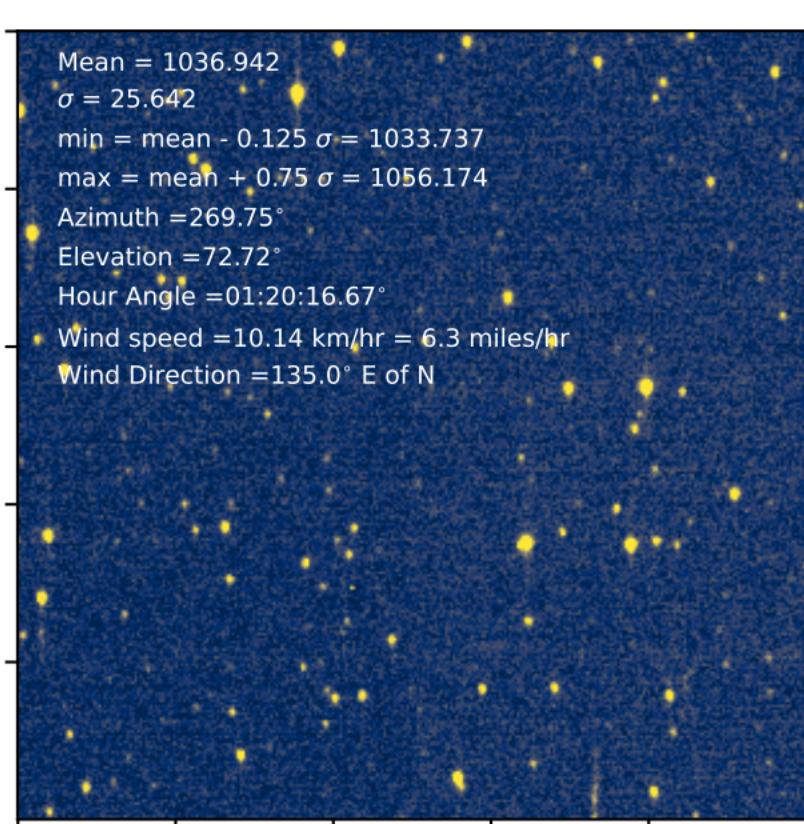
0

200

400

600

800



0

Mean = 1047.867

σ = 29.769

min = mean - 0.125 σ = 1044.146

max = mean + 0.75 σ = 1070.193

Azimuth = 269.87°

Elevation = 72.54°

Hour Angle = 01:21:06.80°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

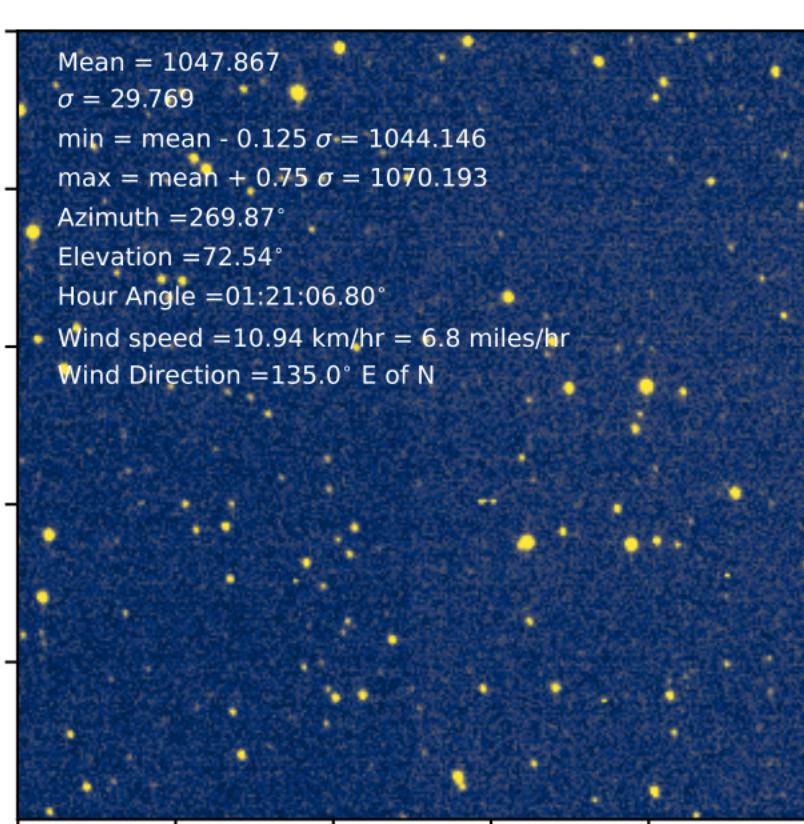
0

200

400

600

800



0

Mean = 1036.734

σ = 21.102

min = mean - 0.125 σ = 1034.097

max = mean + 0.75 σ = 1052.561

Azimuth = 270.32°

Elevation = 71.8°

Hour Angle = 01:24:35.37°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1023.498

σ = 20.670

min = mean - 0.125 σ = 1020.914

max = mean + 0.75 σ = 1039.0

Azimuth = 270.42°

Elevation = 71.63°

Hour Angle = 01:25:23.50°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

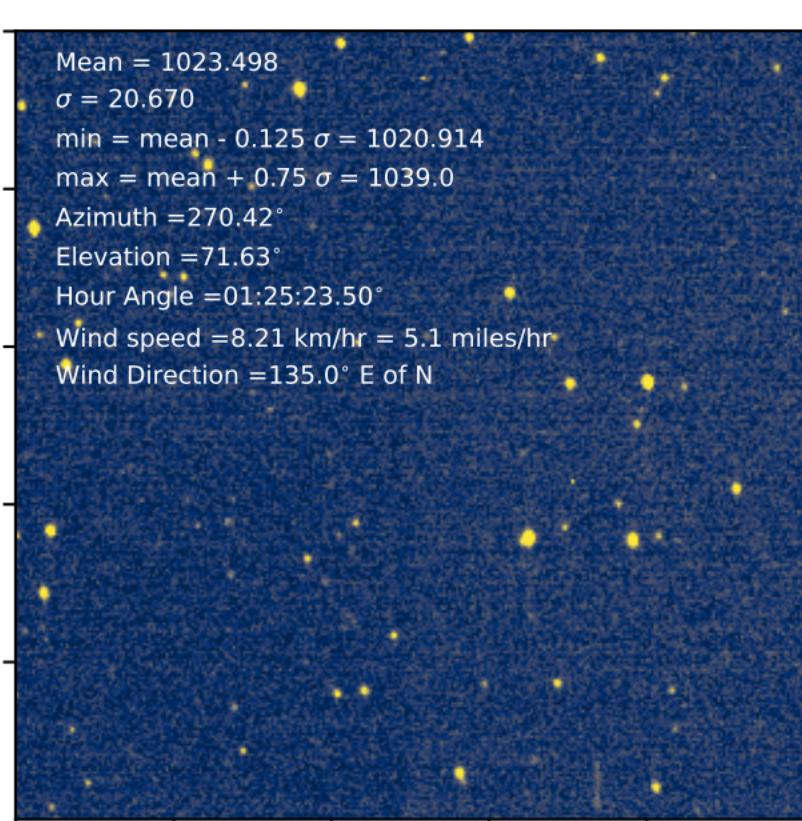
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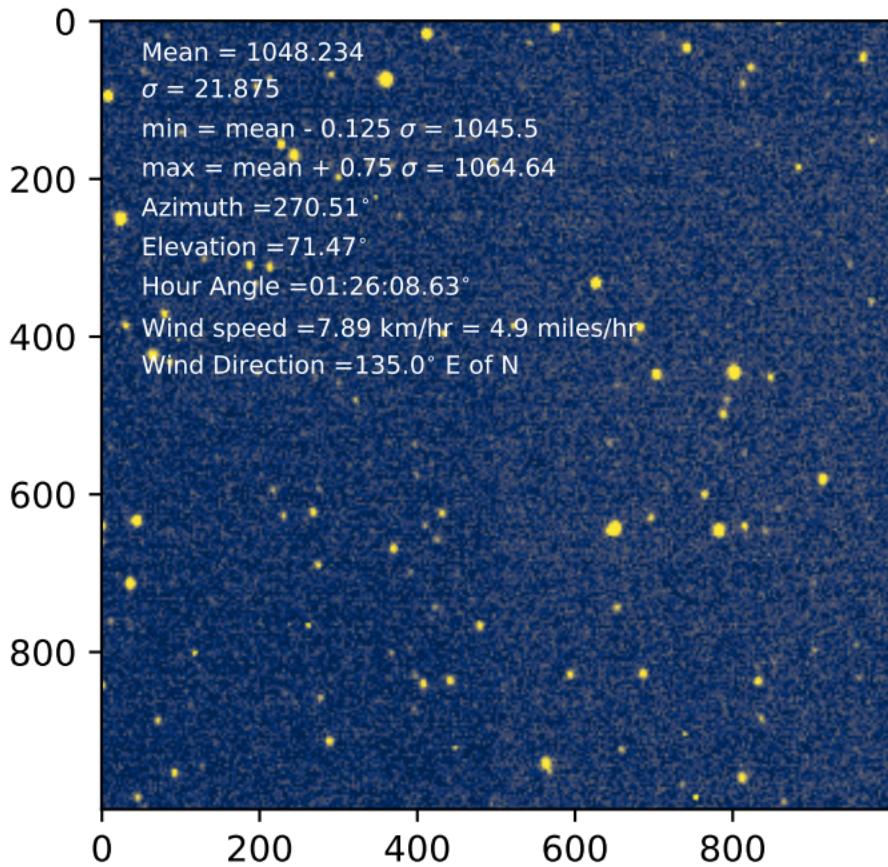
200

400

600

800





0

Mean = 1037.062

σ = 15.953

min = mean - 0.125 σ = 1035.068

max = mean + 0.75 σ = 1049.026

Azimuth = 270.62°

Elevation = 71.29°

Hour Angle = 01:26:59.77°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1049.188

σ = 19.000

min = mean - 0.125 σ = 1046.813

max = mean + 0.75 σ = 1063.439

200

Azimuth = 270.72°

Elevation = 71.11°

400

Hour Angle = 01:27:49.90°

600

Wind speed = 9.01 km/hr = 5.6 miles/hr

800

Wind Direction = 135.0° E of N

0

200

400

600

800



0

Mean = 1047.775

σ = 21.295

min = mean - 0.125 σ = 1045.113

max = mean + 0.75 σ = 1063.746

Azimuth = 270.81°

Elevation = 70.95°

Hour Angle = 01:28:34.02°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1037.181

$\sigma = 18.153$

min = mean - 0.125 $\sigma = 1034.912$

max = mean + 0.75 $\sigma = 1050.797$

Azimuth = 270.92°

Elevation = 70.77°

Hour Angle = $01:29:25.16^\circ$

200

400

600

800

0

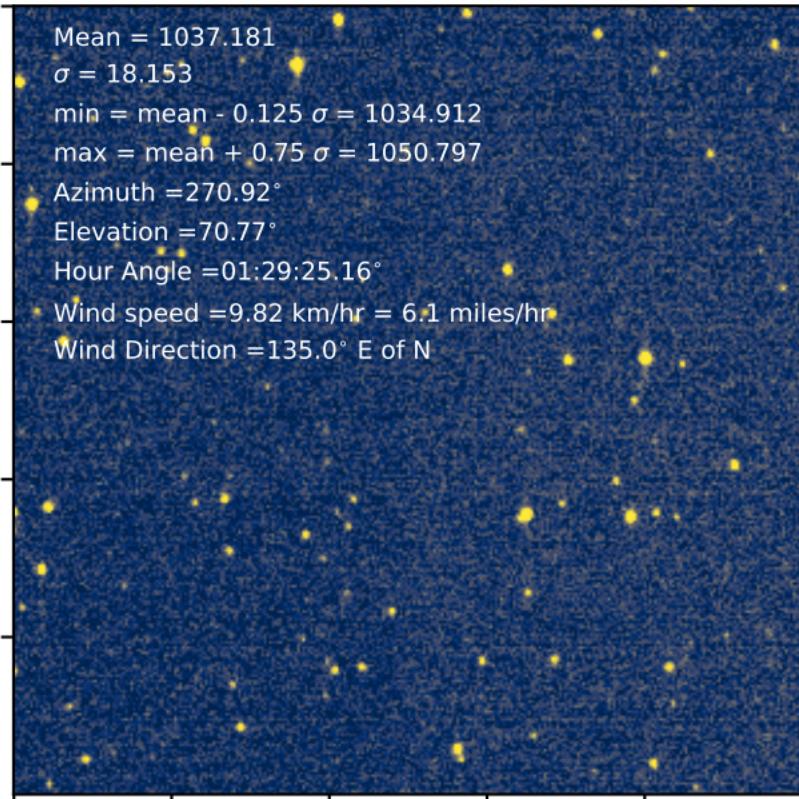
200

400

600

800

Wind speed = $9.82 \text{ km/hr} = 6.1 \text{ miles/hr}$
Wind Direction = $135.0^\circ \text{ E of N}$



0

Mean = 1023.338

σ = 17.585

min = mean - 0.125 σ = 1021.14

max = mean + 0.75 σ = 1036.526

Azimuth = 271.01°

Elevation = 70.61°

Hour Angle = 01:30:12.29°

200

400

600

800

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

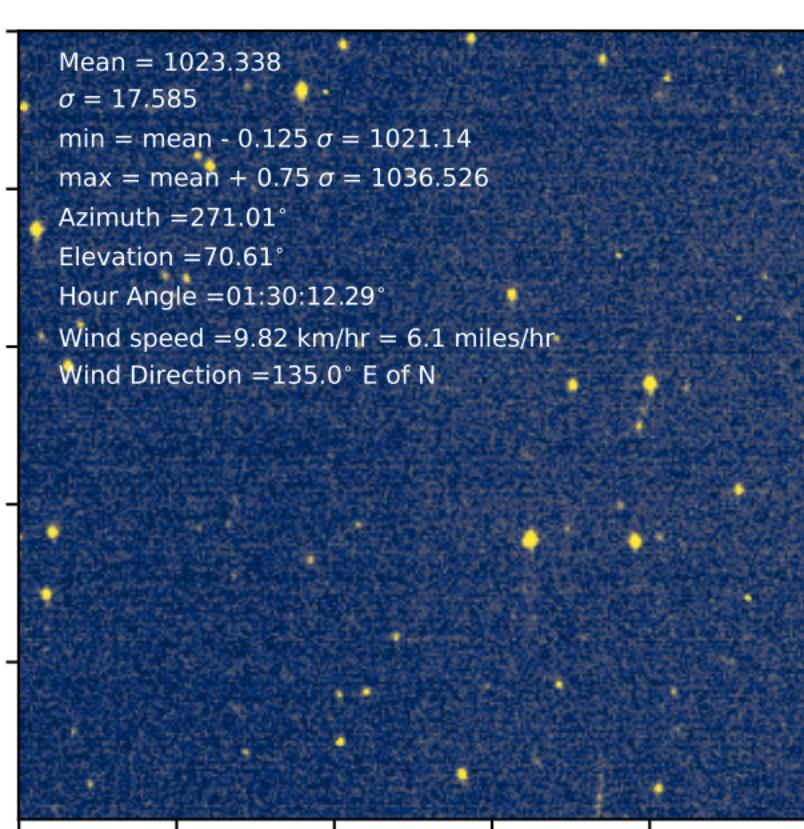
0

200

400

600

800



0

Mean = 1050.610

σ = 14.292

min = mean - 0.125 σ = 1048.823

max = mean + 0.75 σ = 1061.329

Azimuth = 271.1°

Elevation = 70.45°

Hour Angle = 01:30:57.41°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1024.257

σ = 9.232

min = mean - 0.125 σ = 1023.103

max = mean + 0.75 σ = 1031.181

Azimuth = 271.22°

Elevation = 70.25°

Hour Angle = 01:31:53.57°

200

400

600

800

0

200

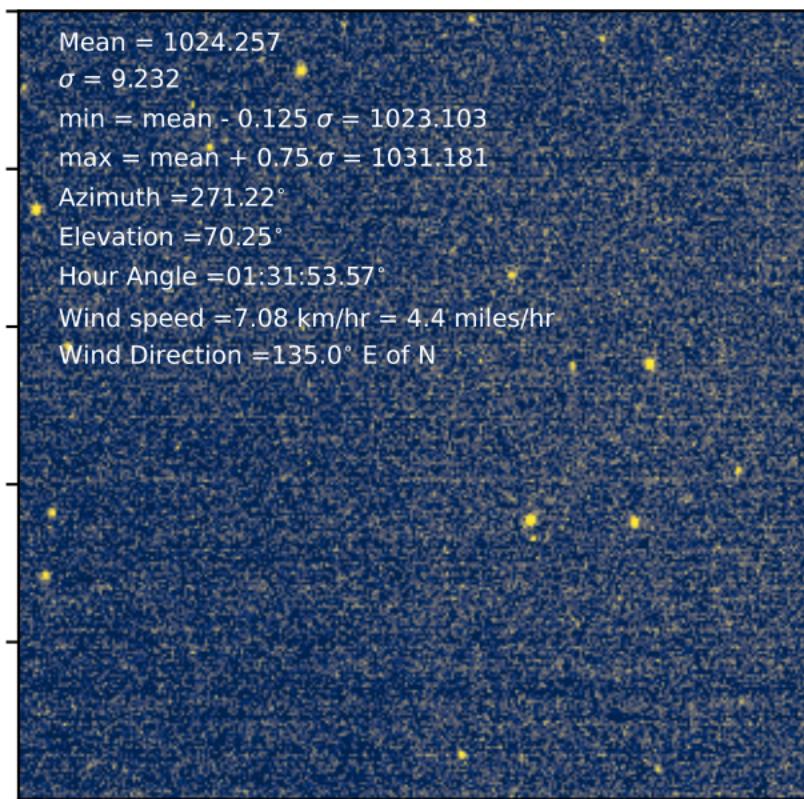
400

600

800

Wind speed = 7.08 km/hr = 4.4 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1055.799

σ = 9.944

min = mean - 0.125 σ = 1054.556

max = mean + 0.75 σ = 1063.257

Azimuth = 271.3°

Elevation = 70.09°

Hour Angle = 01:32:38.69°

Wind speed = 7.08 km/hr = 4.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1055.393

$\sigma = 10.278$

min = mean - 0.125 $\sigma = 1054.108$

max = mean + 0.75 $\sigma = 1063.102$

Azimuth = 271.41°

Elevation = 69.9°

Hour Angle = $01:33:31.84^\circ$

Wind speed = $10.46 \text{ km/hr} = 6.5 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

200

400

600

800

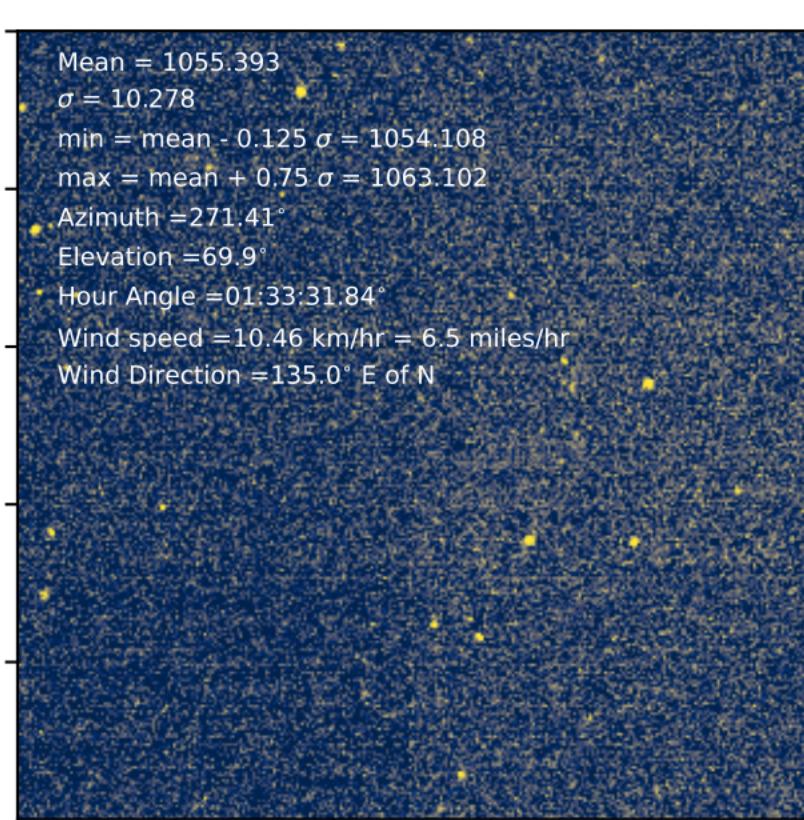
0

200

400

600

800



0

Mean = 1024.904

σ = 8.720

min = mean - 0.125 σ = 1023.814

max = mean + 0.75 σ = 1031.444

Azimuth = 271.52°

Elevation = 69.69°

Hour Angle = 01:34:31.00°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

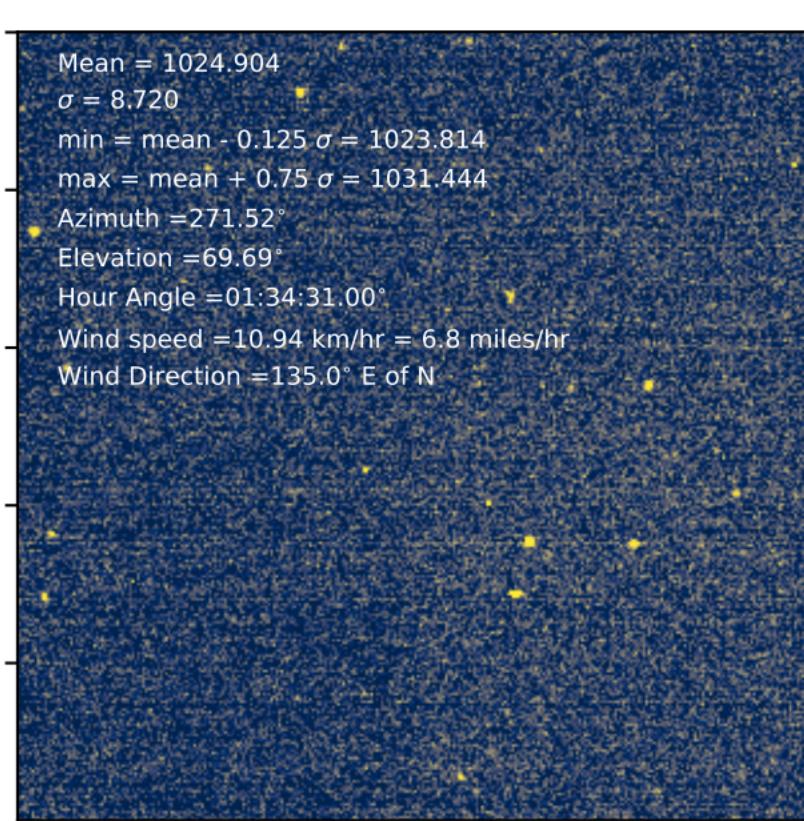
0

200

400

600

800



0

Mean = 1057.251

$\sigma = 10.136$

min = mean - 0.125 $\sigma = 1055.984$

max = mean + 0.75 $\sigma = 1064.852$

Azimuth = 271.61°

Elevation = 69.53°

Hour Angle = $01:35:16.12^\circ$

Wind speed = $8.69 \text{ km/hr} = 5.4 \text{ miles/hr}$

Wind Direction = $135.0^\circ \text{ E of N}$

200

400

600

800

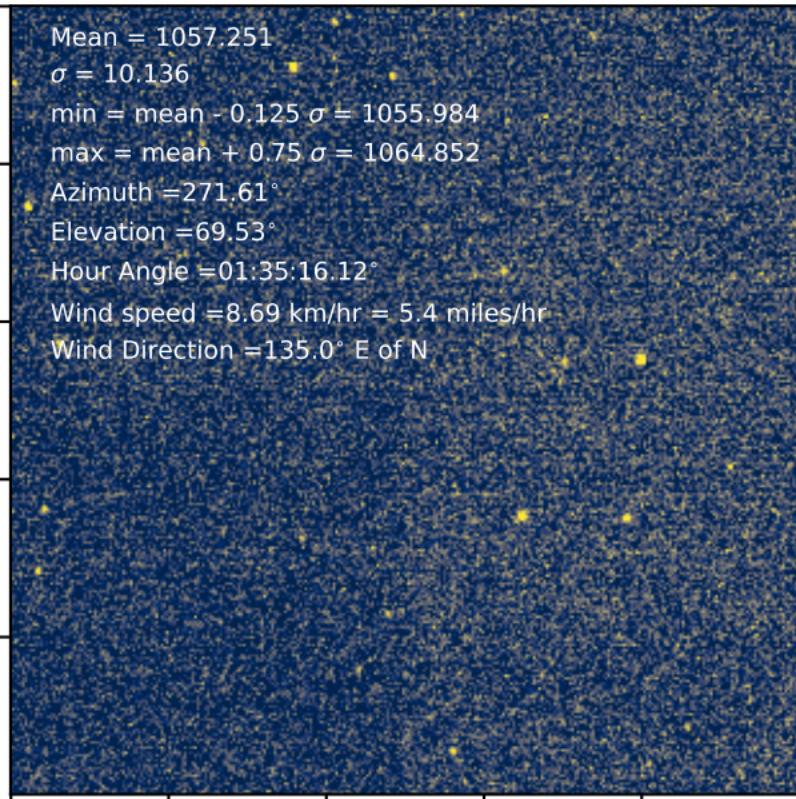
0

200

400

600

800



0

Mean = 1036.501

σ = 8.888

min = mean - 0.125 σ = 1035.39

200

max = mean + 0.75 σ = 1043.167

Azimuth = 271.71°

Elevation = 69.35°

Hour Angle = 01:36:07.26°

400

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1024.827

σ = 10.794

min = mean - 0.125 σ = 1023.477

max = mean + 0.75 σ = 1032.923

Azimuth = 271.8°

Elevation = 69.19°

Hour Angle = 01:36:53.39°

Wind speed = 8.21 km/hr = 5.1 miles/hr.

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1053.745

σ = 12.004

min = mean - 0.125 σ = 1052.245

max = mean + 0.75 σ = 1062.748

Azimuth = 271.89°

Elevation = 69.01°

Hour Angle = 01:37:42.52°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

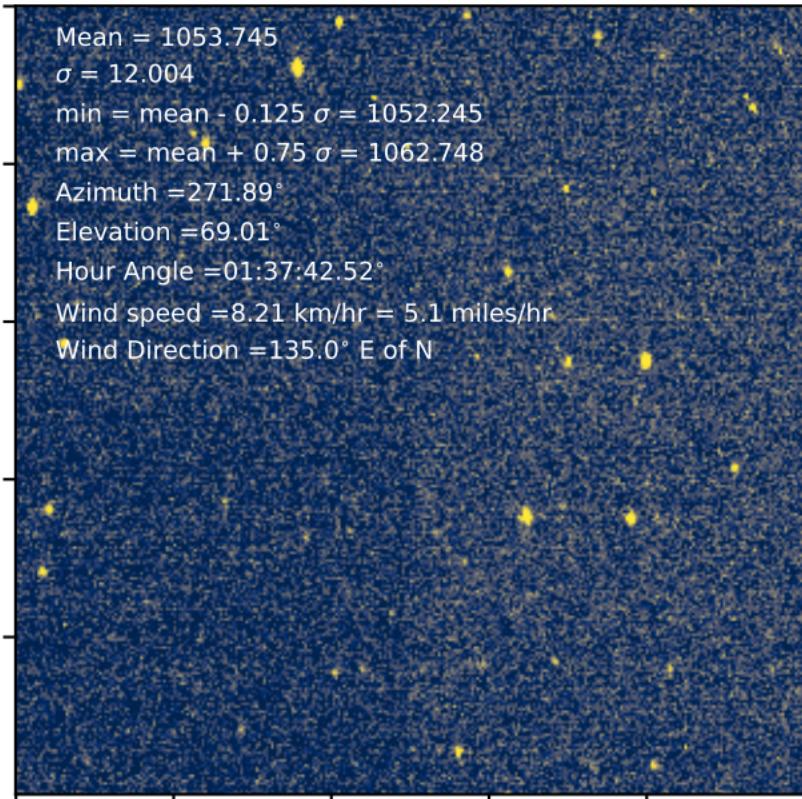
0

200

400

600

800



0

Mean = 1036.682

σ = 9.832

min = mean - 0.125 σ = 1035.453

max = mean + 0.75 σ = 1044.057

Azimuth = 271.98°

Elevation = 68.83°

Hour Angle = 01:38:32.66°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

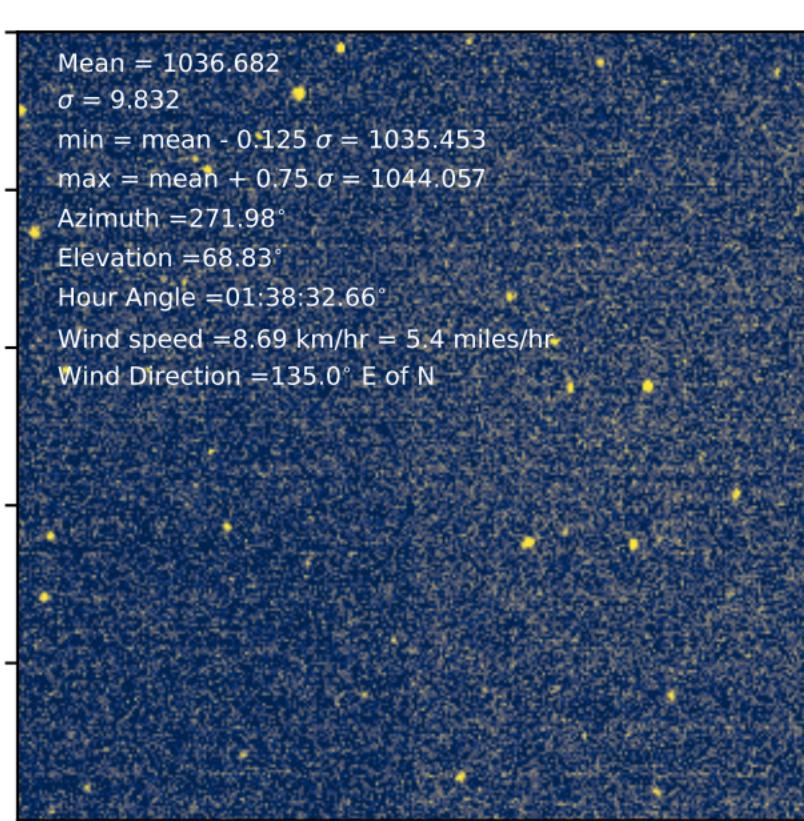
0

200

400

600

800



0

Mean = 1024.552

σ = 13.383

min = mean - 0.125 σ = 1022.879

max = mean + 0.75 σ = 1034.589

Azimuth = 272.07°

Elevation = 68.67°

Hour Angle = 01:39:18.78°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

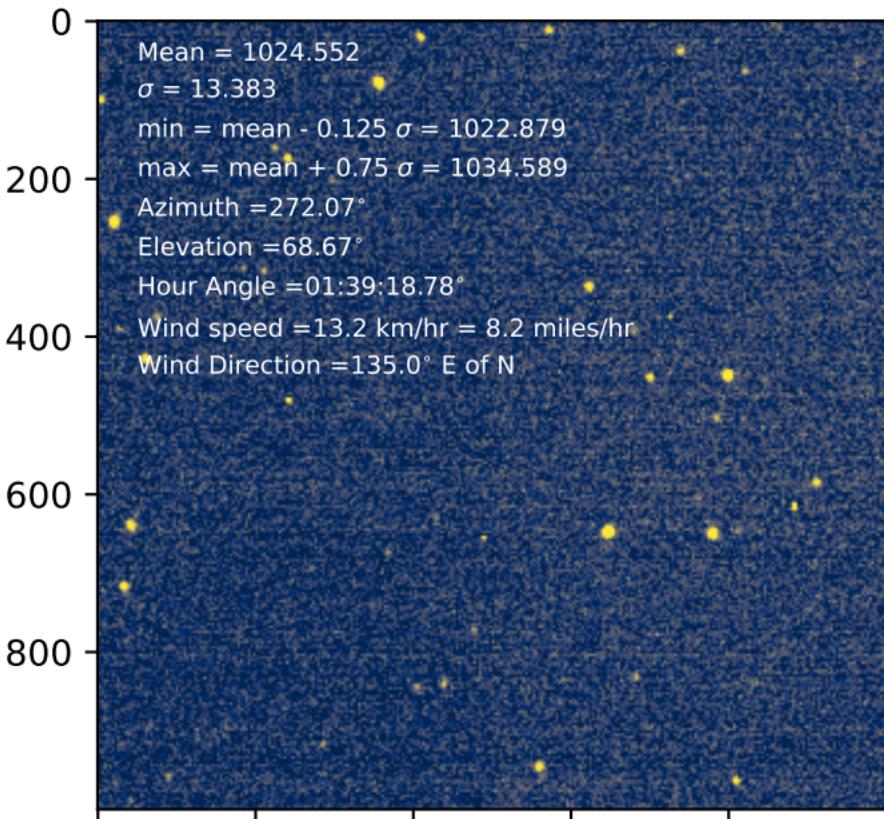
0

200

400

600

800



0

Mean = 1052.002

σ = 17.536

min = mean - 0.125 σ = 1049.81

max = mean + 0.75 σ = 1065.153

200

Azimuth = 272.15°

Elevation = 68.51°

400

Hour Angle = 01:40:04.91°

Wind speed = 13.2 km/hr = 8.2 miles/hr

600

Wind Direction = 135.0° E of N

800

0

200

400

600

800



0

Mean = 1038.147

σ = 14.058

min = mean - 0.125 σ = 1036.389

max = mean + 0.75 σ = 1048.691

Azimuth = 272.25°

Elevation = 68.33°

Hour Angle = 01:40:55.05°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

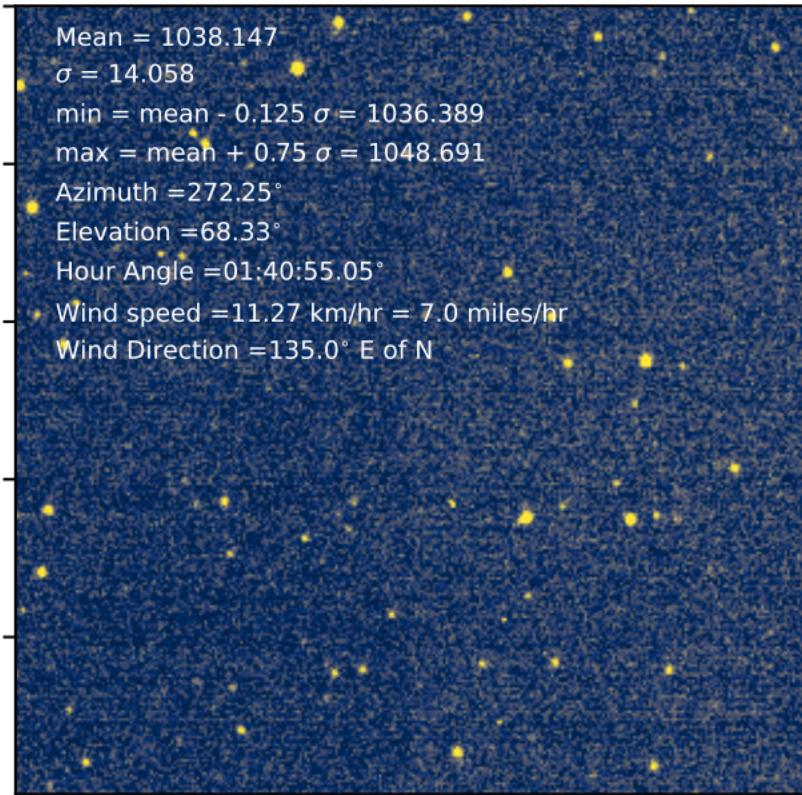
0

200

400

600

800



0

Mean = 1051.217

σ = 20.975

min = mean - 0.125 σ = 1048.596

max = mean + 0.75 σ = 1066.948

Azimuth = 272.34°

Elevation = 68.15°

Hour Angle = 01:41:46.19°

200

400

600

800

0

200

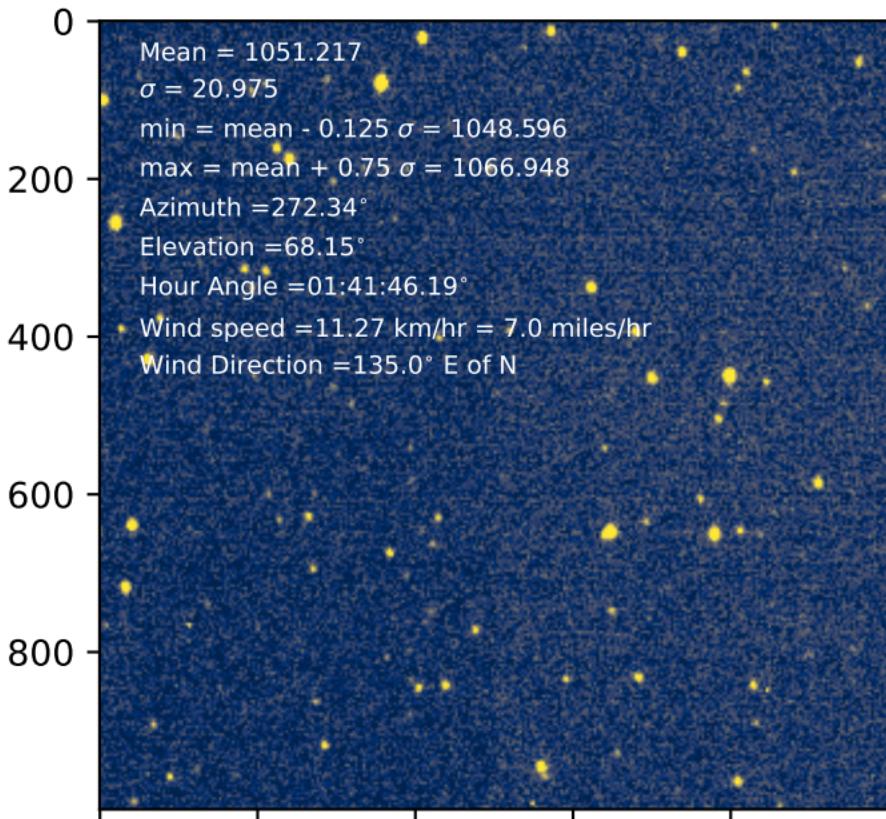
400

600

800

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1049.122

σ = 25.257

min = mean - 0.125 σ = 1045.965

max = mean + 0.75 σ = 1068.065

200

Azimuth = 272.42°

Elevation = 67.99°

400

Hour Angle = 01:42:30.31°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1039.117

σ = 26.273

min = mean - 0.125 σ = 1035.833

max = mean + 0.75 σ = 1058.822

Azimuth = 272.52°

Elevation = 67.81°

Hour Angle = 01:43:22.45°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

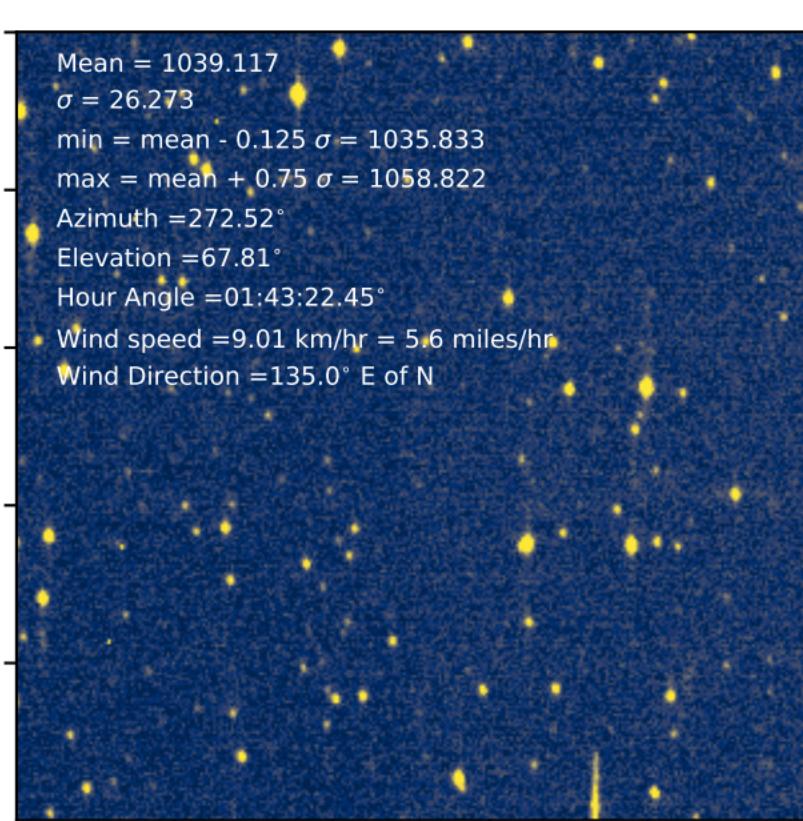
0

200

400

600

800



0

Mean = 1023.295

σ = 33.838

min = mean - 0.125 σ = 1019.065

max = mean + 0.75 σ = 1048.673

Azimuth = 272.6°

Elevation = 67.64°

Hour Angle = 01:44:08.58°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

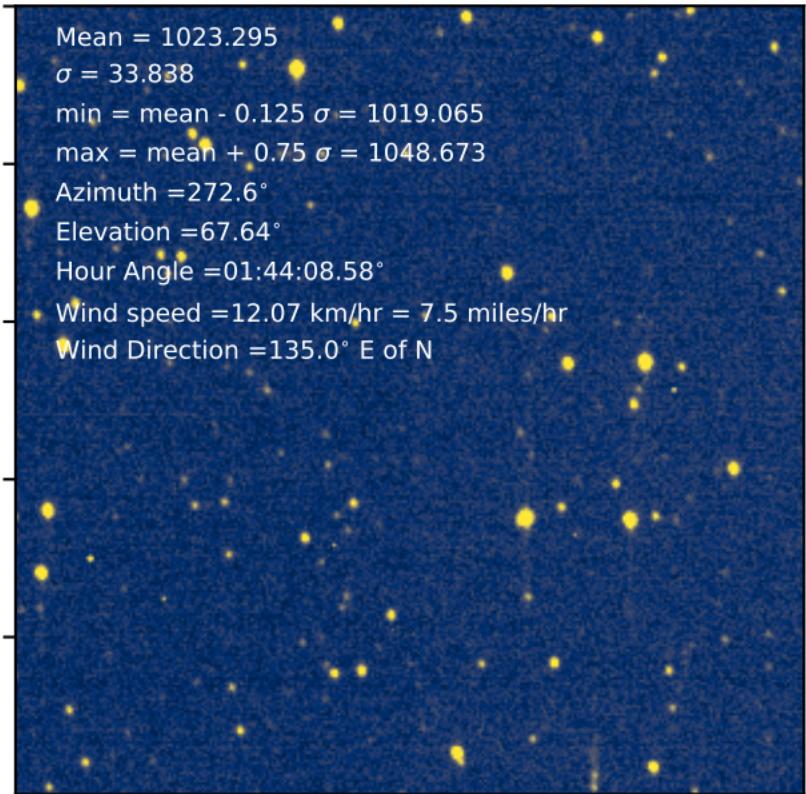
0

200

400

600

800



0

Mean = 1047.379

σ = 31.655

min = mean - 0.125 σ = 1043.422

max = mean + 0.75 σ = 1071.12

Azimuth = 272.68°

Elevation = 67.48°

Hour Angle = 01:44:53.70°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

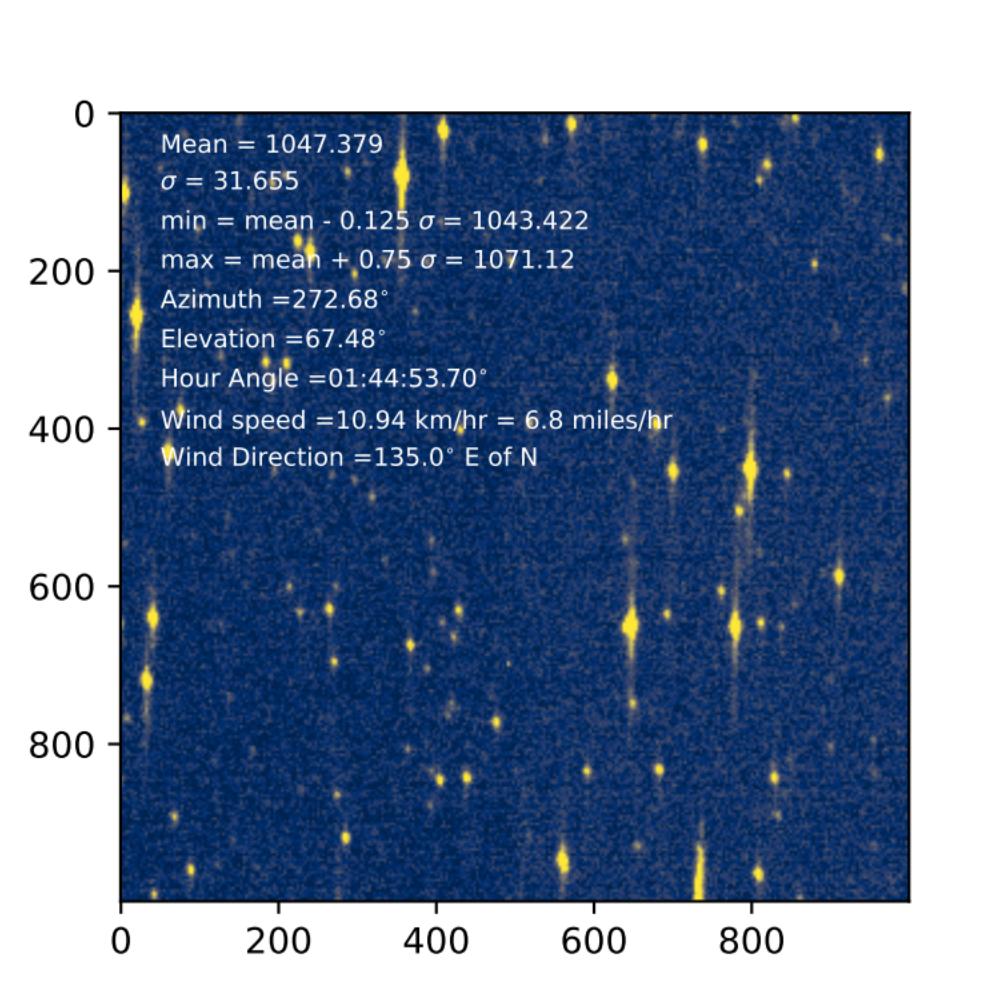
0

200

400

600

800



0

Mean = 1039.508

σ = 26.831

min = mean - 0.125 σ = 1036.154

max = mean + 0.75 σ = 1059.631

Azimuth = 272.77°

Elevation = 67.3°

Hour Angle = 01:45:44.84°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

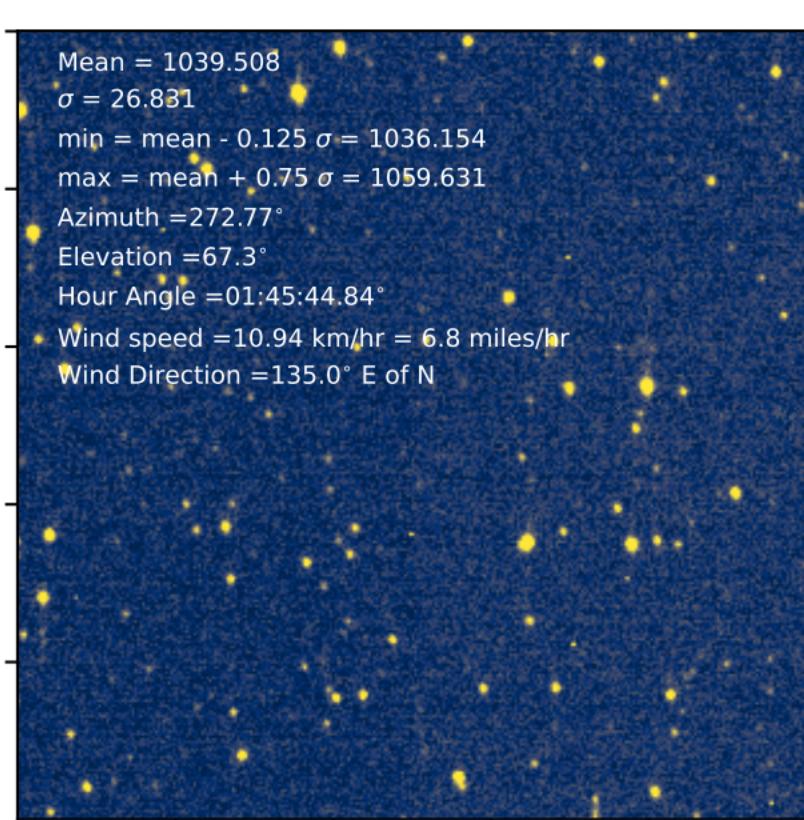
0

200

400

600

800



0

Mean = 1046.540

σ = 31.932

min = mean - 0.125 σ = 1042.549

max = mean + 0.75 σ = 1070.489

Azimuth = 272.86°

Elevation = 67.12°

Hour Angle = 01:46:34.97°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

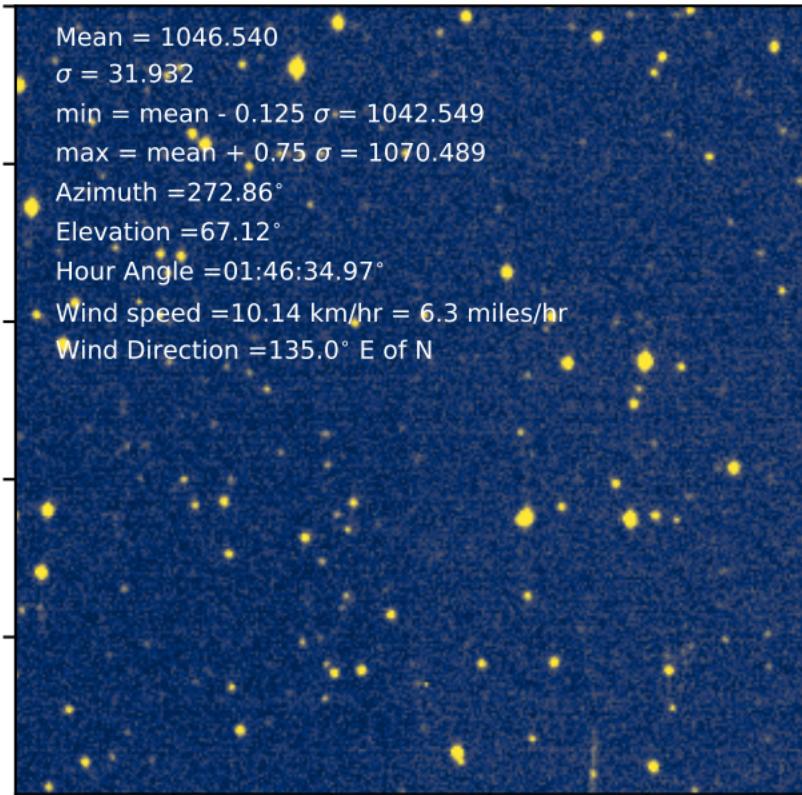
0

200

400

600

800



0

Mean = 1047.171

σ = 29.215

min = mean - 0.125 σ = 1043.519

max = mean + 0.75 σ = 1069.082

Azimuth = 272.94°

Elevation = 66.97°

Hour Angle = 01:47:20.10°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

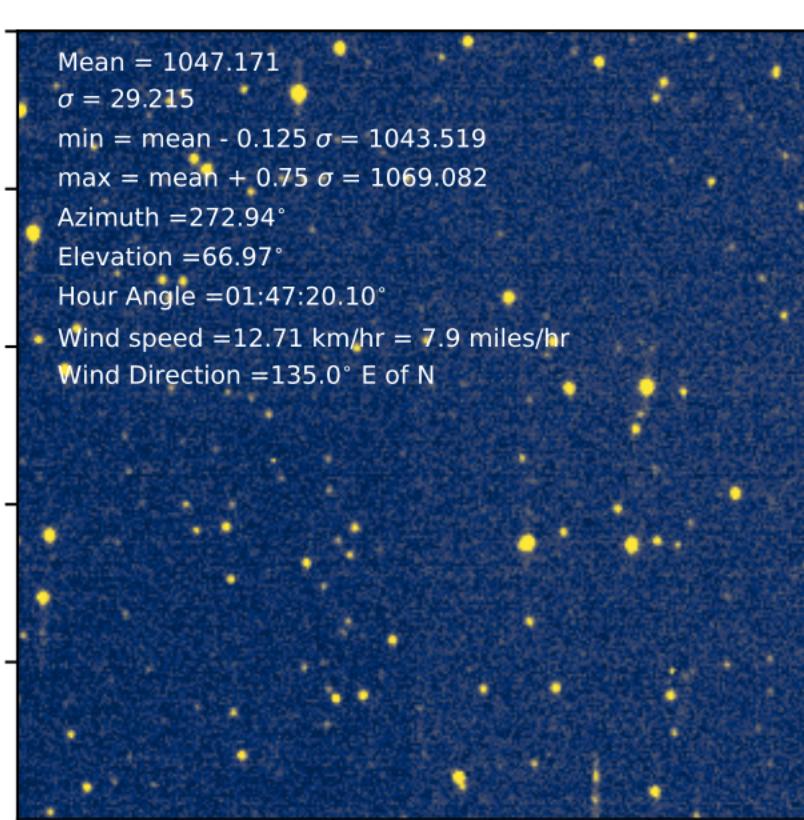
0

200

400

600

800



0

Mean = 1042.037

σ = 19.255

min = mean - 0.125 σ = 1039.63

max = mean + 0.75 σ = 1056.478

Azimuth = 273.03°

Elevation = 66.78°

Hour Angle = 01:48:11.24°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1025.156

σ = 16.506

min = mean - 0.125 σ = 1023.093

max = mean + 0.75 σ = 1037.535

Azimuth = 273.11°

Elevation = 66.62°

Hour Angle = 01:48:56.36°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1042.525

σ = 10.361

min = mean - 0.125 σ = 1041.23

max = mean + 0.75 σ = 1050.296

Azimuth = 273.2°

Elevation = 66.43°

Hour Angle = 01:49:51.51°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

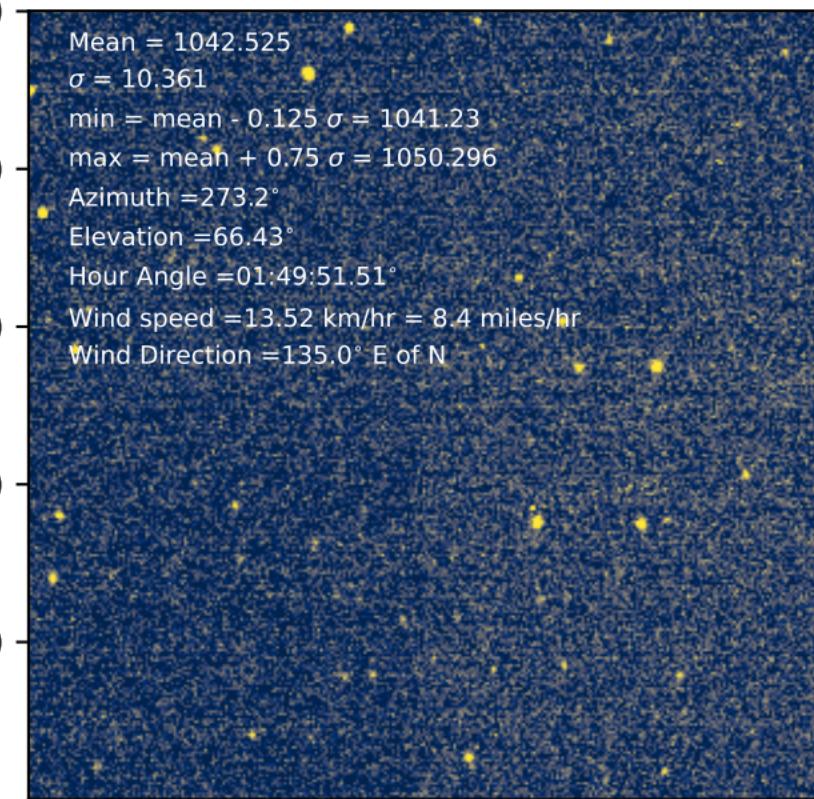
0

200

400

600

800



0

Mean = 1026.371

σ = 12.575

min = mean - 0.125 σ = 1024.799

max = mean + 0.75 σ = 1035.802

Azimuth = 273.28°

Elevation = 66.27°

Hour Angle = 01:50:37.64°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

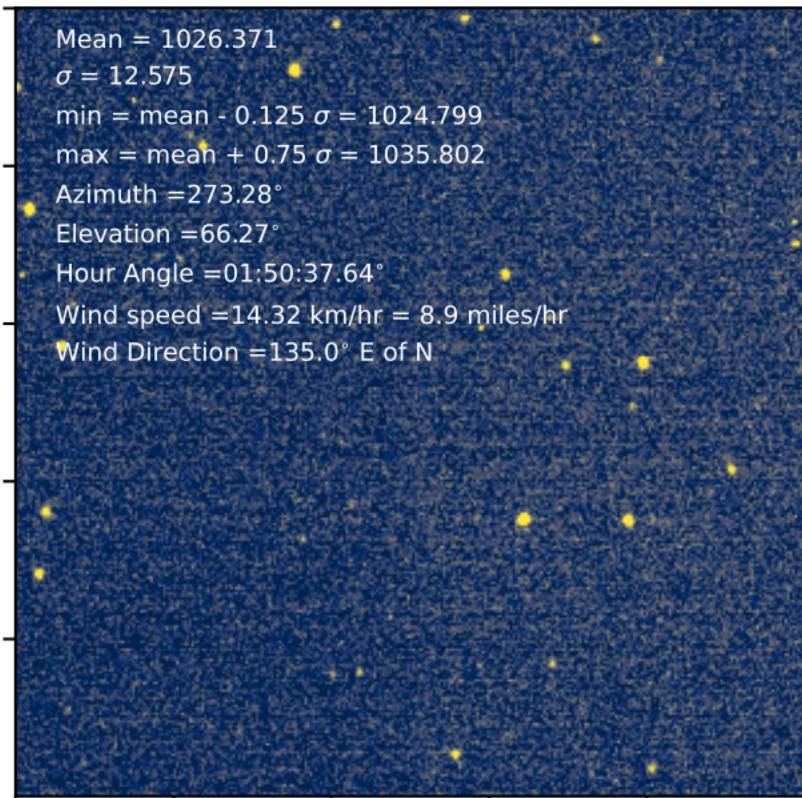
0

200

400

600

800



0

Mean = 1056.021

σ = 13.616

min = mean - 0.125 σ = 1054.319

200

max = mean + 0.75 σ = 1066.232

Azimuth = 273.36°

Elevation = 66.11°

Hour Angle = 01:51:22.76°

400

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N

600

800

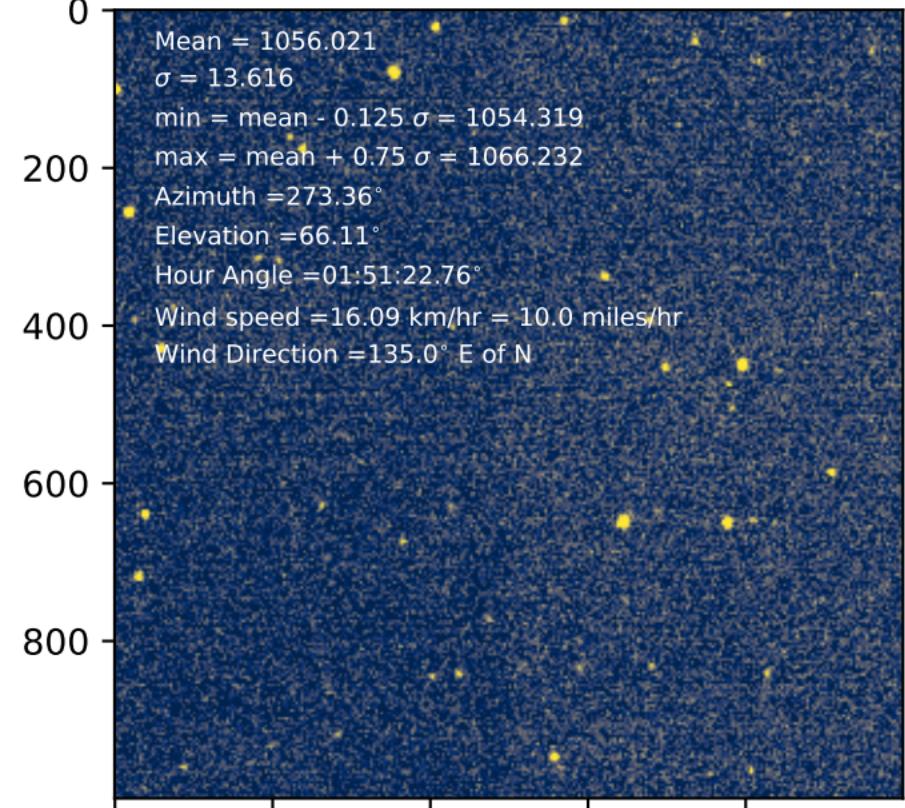
0

200

400

600

800



0

Mean = 1053.351

σ = 17.020

min = mean - 0.125 σ = 1051.224

max = mean + 0.75 σ = 1066.116

Azimuth = 273.44°

Elevation = 65.95°

Hour Angle = 01:52:07.88°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

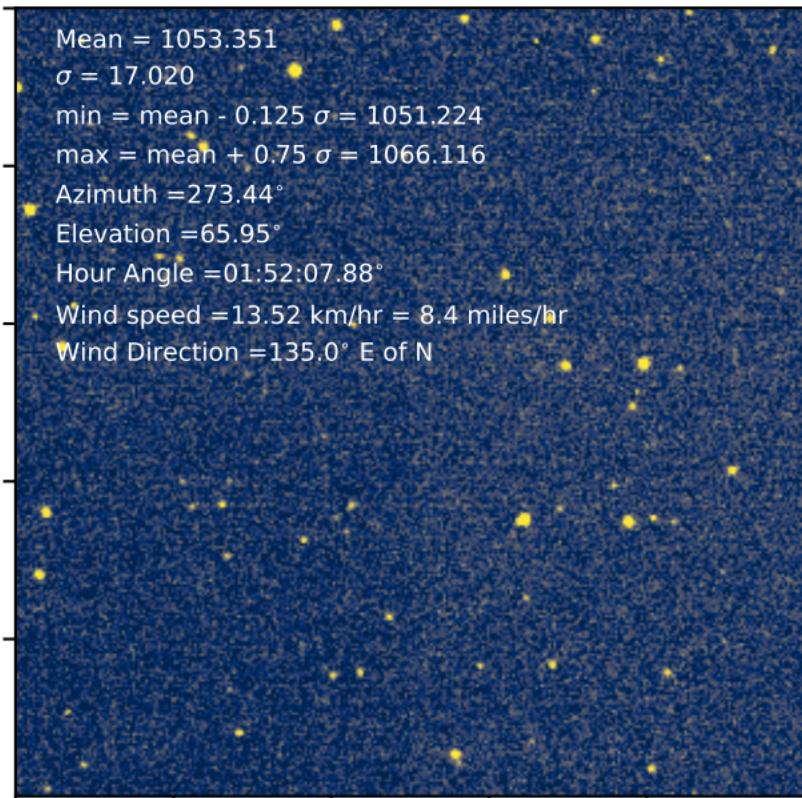
0

200

400

600

800



0

Mean = 1040.394

σ = 17.970

min = mean - 0.125 σ = 1038.148

max = mean + 0.75 σ = 1053.872

Azimuth = 273.53°

Elevation = 65.77°

Hour Angle = 01:52:59.02°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 112.0° E of N

200

400

600

800

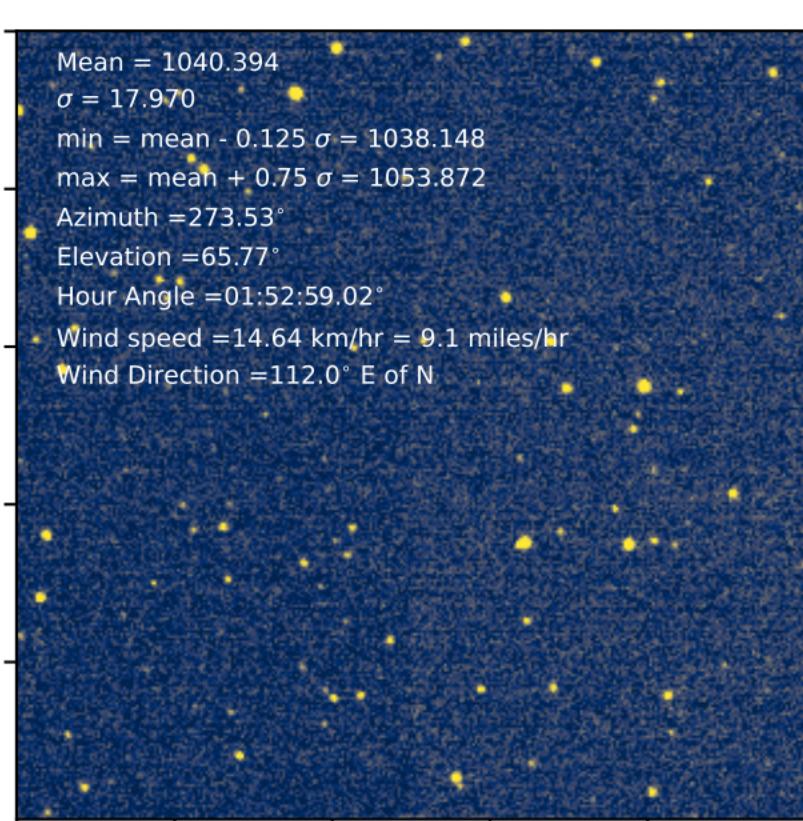
0

200

400

600

800



0

Mean = 1055.550

σ = 17.118

min = mean - 0.125 σ = 1053.41

max = mean + 0.75 σ = 1068.388

Azimuth = 273.61°

Elevation = 65.59°

Hour Angle = 01:53:48.16°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 112.0° E of N

200

400

600

800

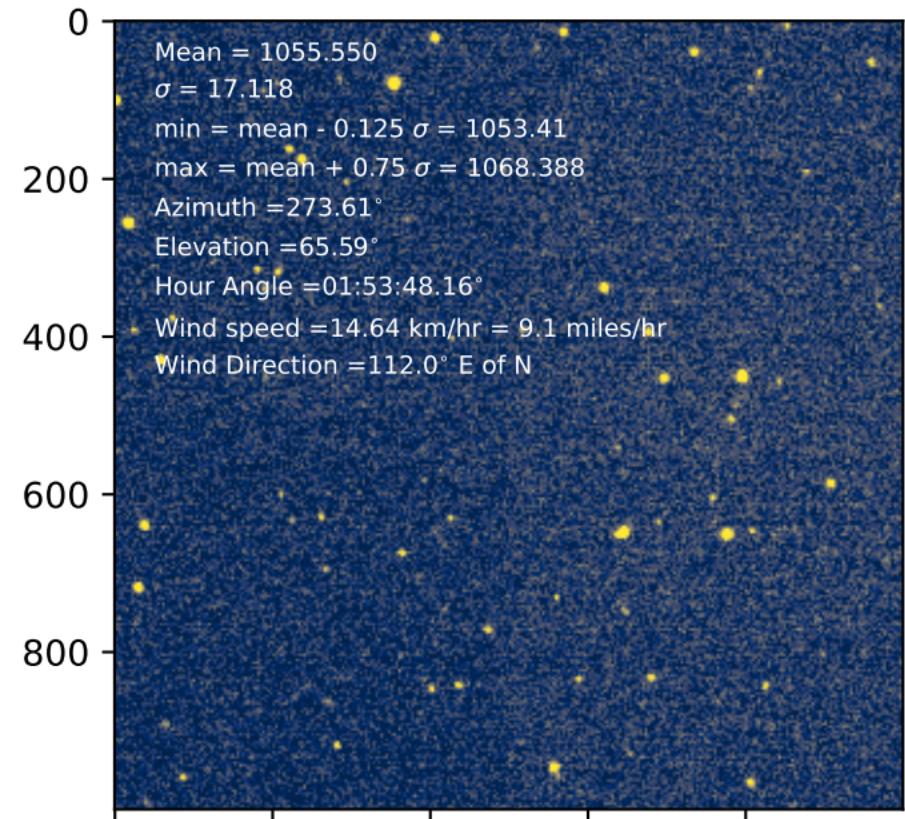
0

200

400

600

800



0

Mean = 1040.245

σ = 13.460

min = mean - 0.125 σ = 1038.563

max = mean + 0.75 σ = 1050.34

Azimuth = 273.7°

Elevation = 65.41°

Hour Angle = 01:54:39.30°

200

400

600

800

0

200

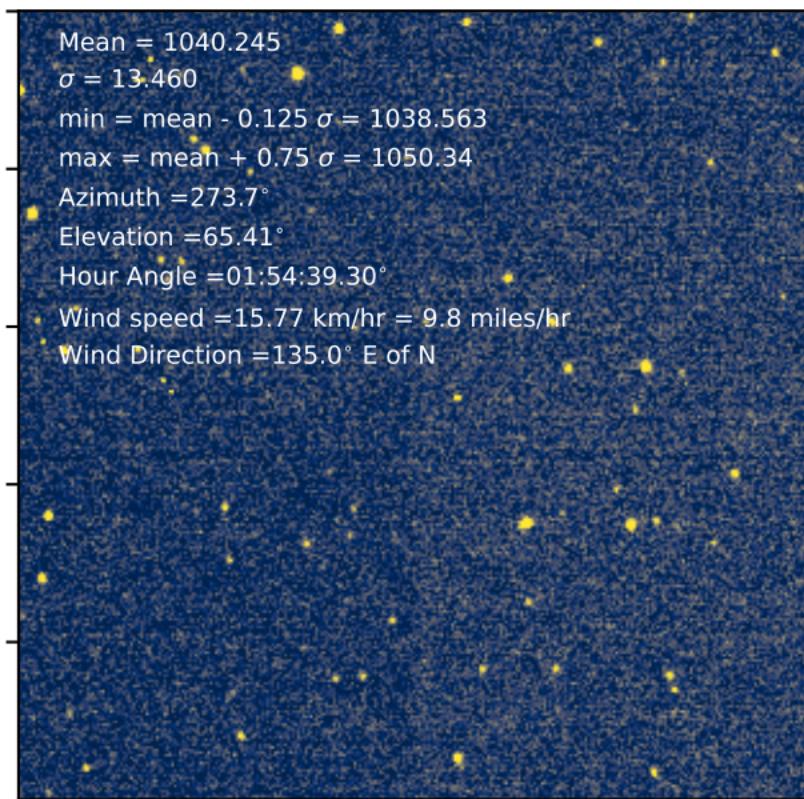
400

600

800

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1026.650

σ = 13.648

min = mean - 0.125 σ = 1024.944

max = mean + 0.75 σ = 1036.887

Azimuth = 273.77°

Elevation = 65.25°

Hour Angle = 01:55:25.42°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

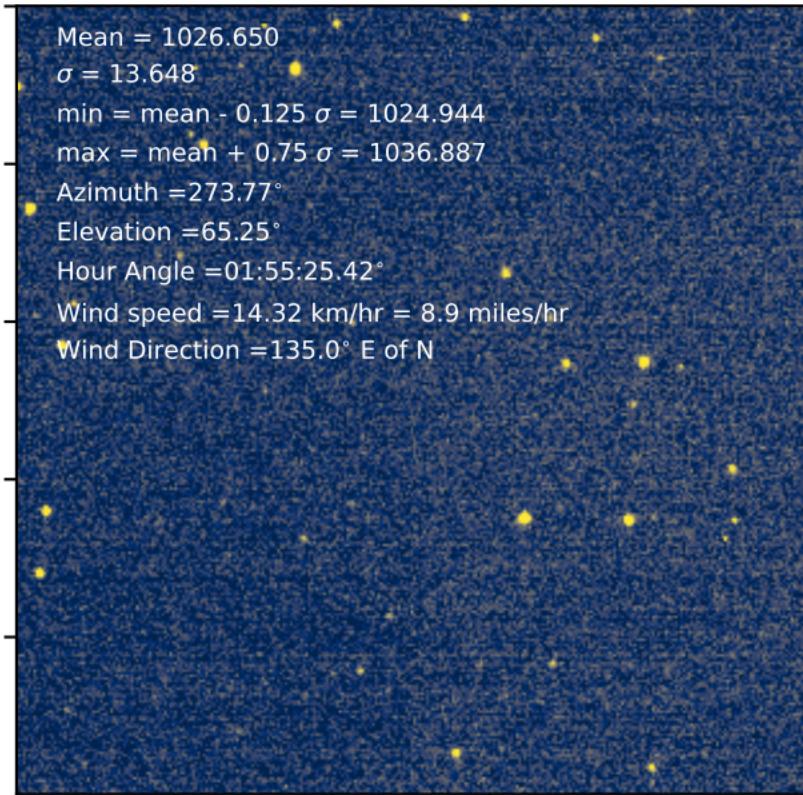
0

200

400

600

800



0

Mean = 1059.923

σ = 13.550

min = mean - 0.125 σ = 1058.23

max = mean + 0.75 σ = 1070.086

Azimuth = 273.85°

Elevation = 65.09°

Hour Angle = 01:56:10.55°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1058.030

σ = 17.571

min = mean - 0.125 σ = 1055.834

max = mean + 0.75 σ = 1071.208

Azimuth = 273.92°

Elevation = 64.93°

Hour Angle = 01:56:55.67°

200

400

600

800

0

200

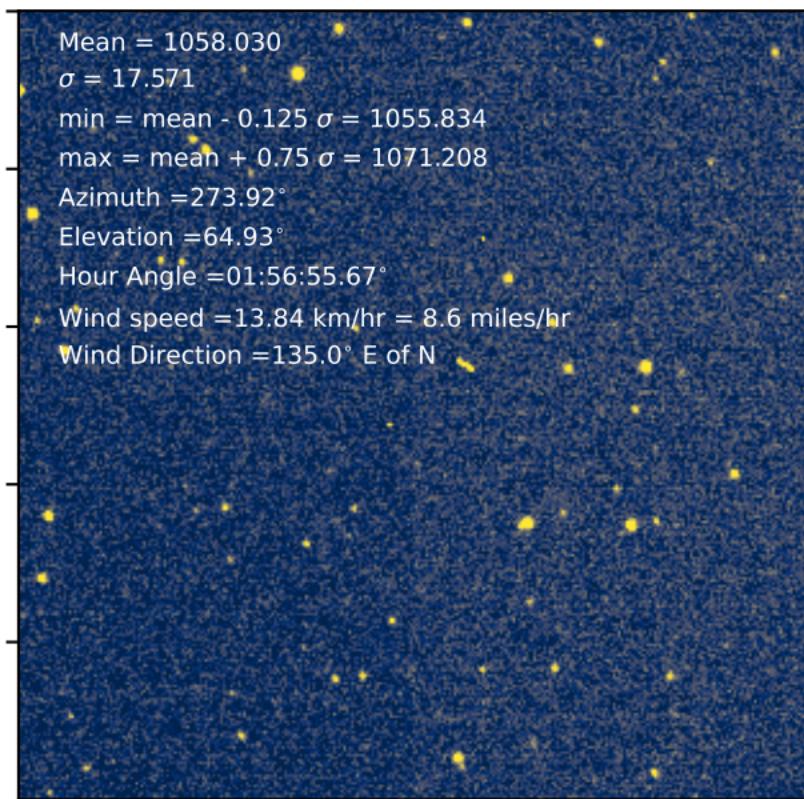
400

600

800

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1026.129

σ = 21.931

min = mean - 0.125 σ = 1023.388

max = mean + 0.75 σ = 1042.577

Azimuth = 274.01°

Elevation = 64.74°

Hour Angle = 01:57:47.81°

200

400

600

800

0

200

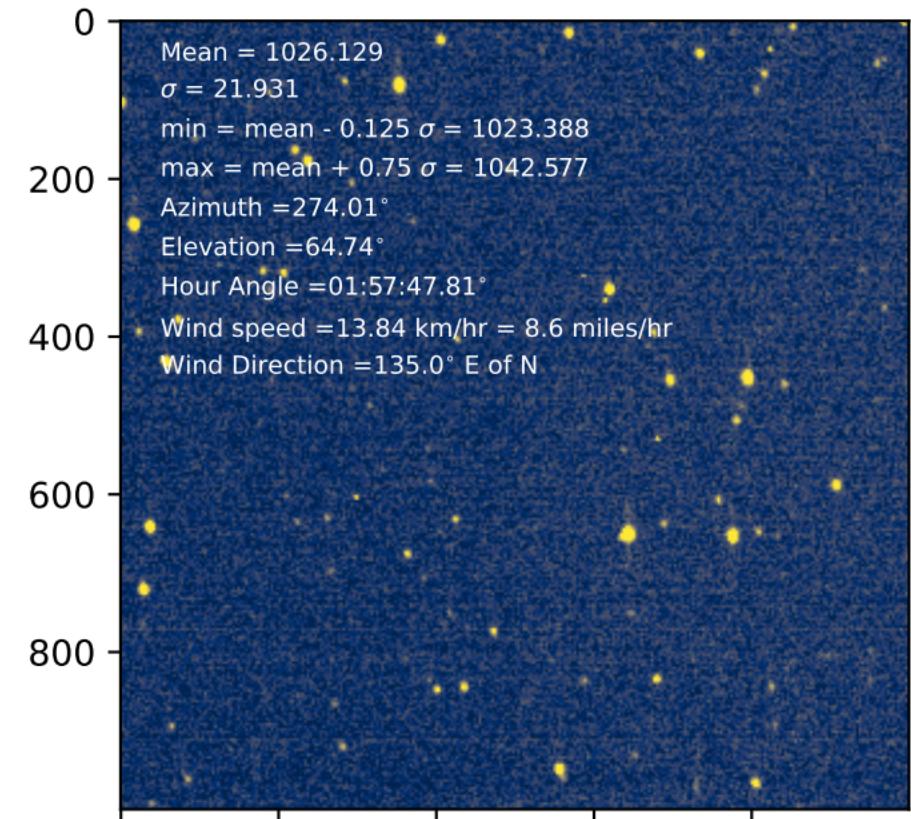
400

600

800

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1053.537

σ = 26.457

min = mean - 0.125 σ = 1050.23

max = mean + 0.75 σ = 1073.38

Azimuth = 274.09°

Elevation = 64.57°

Hour Angle = 01:58:35.94°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

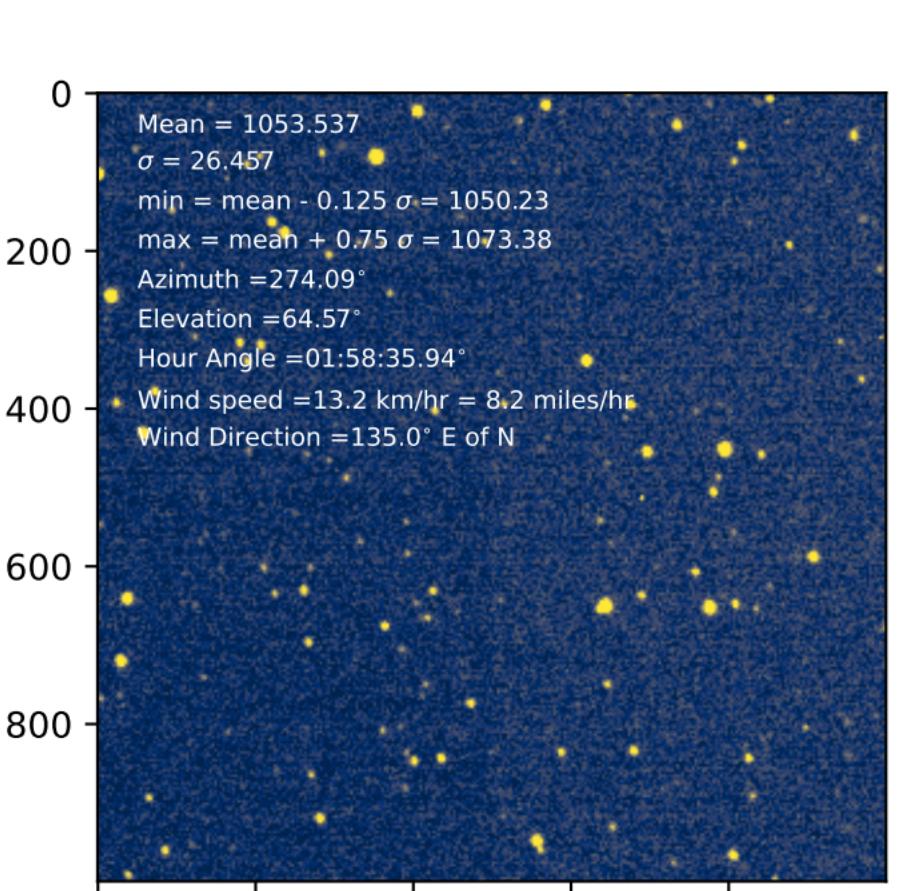
0

200

400

600

800



0

Mean = 1026.012

σ = 21.021

min = mean - 0.125 σ = 1023.385

max = mean + 0.75 σ = 1041.778

Azimuth = 274.18°

Elevation = 64.39°

Hour Angle = 01:59:29.09°

200

400

600

800

0

200

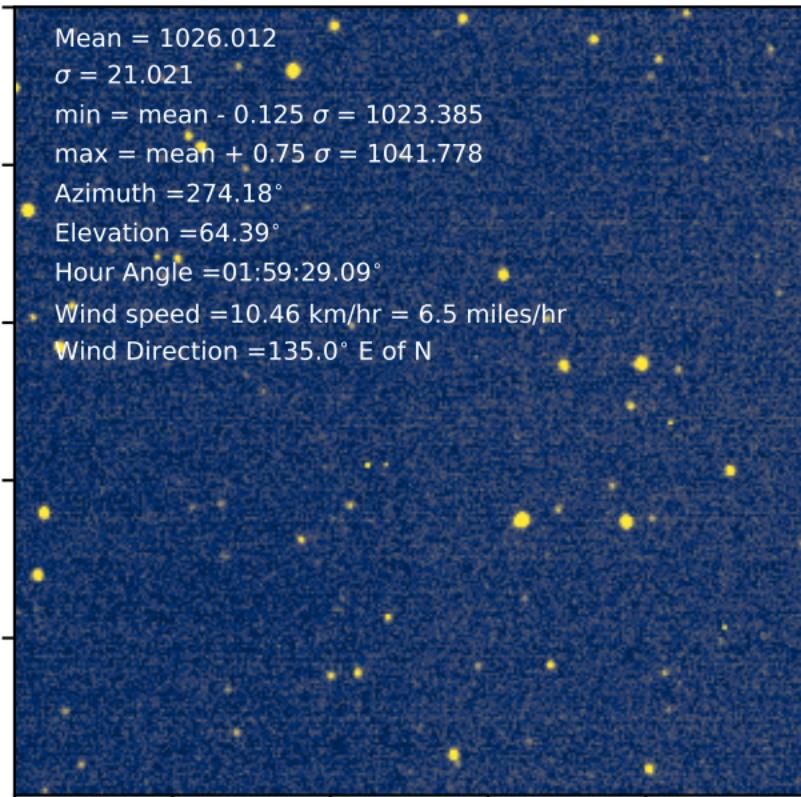
400

600

800

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1053.103

σ = 23.152

min = mean - 0.125 σ = 1050.209

max = mean + 0.75 σ = 1070.467

Azimuth = 274.25°

Elevation = 64.23°

Hour Angle = 02:00:14.21°

200

400

600

800

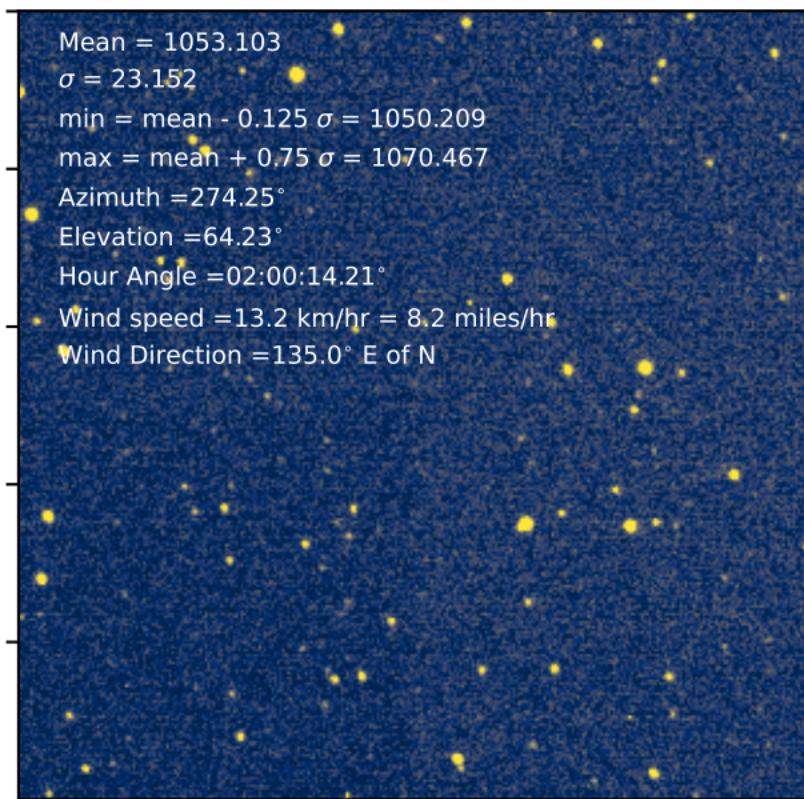
0

200

400

600

800



0

Mean = 1053.969

σ = 20.720

min = mean - 0.125 σ = 1051.379

max = mean + 0.75 σ = 1069.509

Azimuth = 274.33°

Elevation = 64.07°

Hour Angle = 02:00:59.33°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

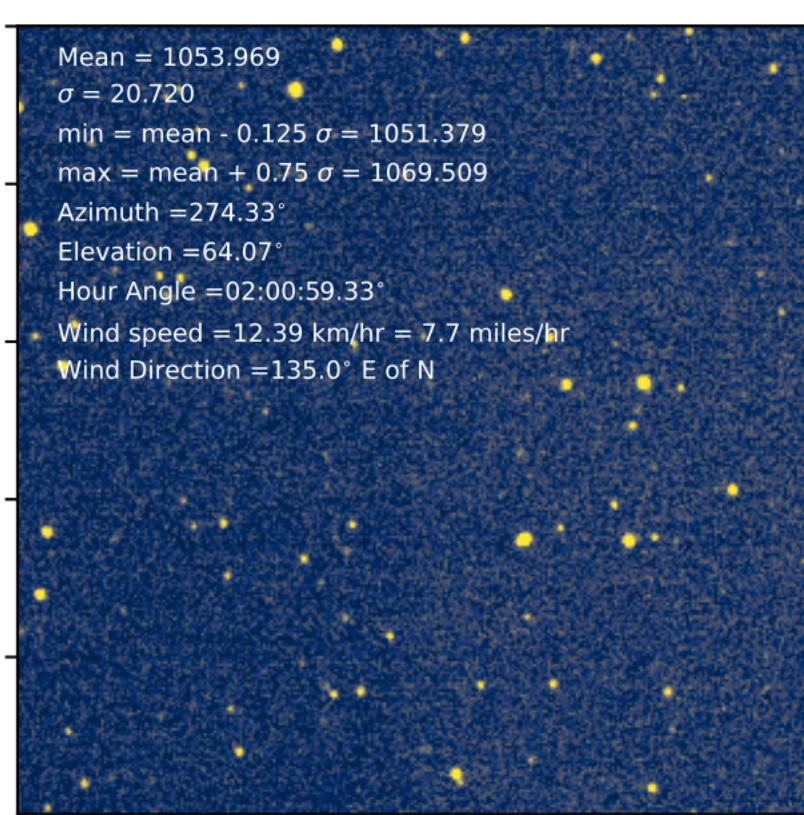
0

200

400

600

800



0

Mean = 1042.619

σ = 13.733

min = mean - 0.125 σ = 1040.903

max = mean + 0.75 σ = 1052.919

Azimuth = 274.41°

Elevation = 63.89°

Hour Angle = 02:01:50.47°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

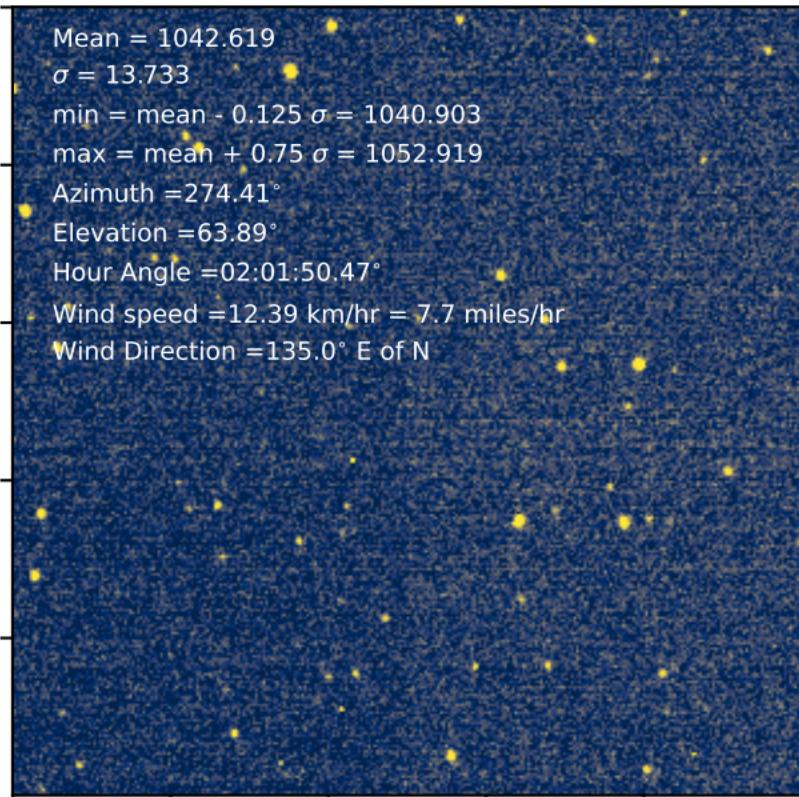
0

200

400

600

800



0

Mean = 1026.395

σ = 12.216

min = mean - 0.125 σ = 1024.868

max = mean + 0.75 σ = 1035.557

Azimuth = 274.49°

Elevation = 63.72°

Hour Angle = 02:02:36.60°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1060.457

σ = 11.216

min = mean - 0.125 σ = 1059.055

max = mean + 0.75 σ = 1068.869

Azimuth = 274.56°

Elevation = 63.56°

Hour Angle = 02:03:21.72°

Wind speed = 6.76 km/hr = 4.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

1000

1200

1400

1600

1800

2000



0

Mean = 1042.920

σ = 8.922

min = mean - 0.125 σ = 1041.805

200

max = mean + 0.75 σ = 1049.612

Azimuth = 274.64°

Elevation = 63.38°

Hour Angle = 02:04:12.86°

400

Wind speed = 10.46 km/hr = 6.5 miles/hr

600

Wind Direction = 135.0° E of N

800

0

200

400

600

800

0

Mean = 1042.470

σ = 9.220

min = mean - 0.125 σ = 1041.318

max = mean + 0.75 σ = 1049.385

Azimuth = 274.76°

Elevation = 63.12°

Hour Angle = 02:05:26.06°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

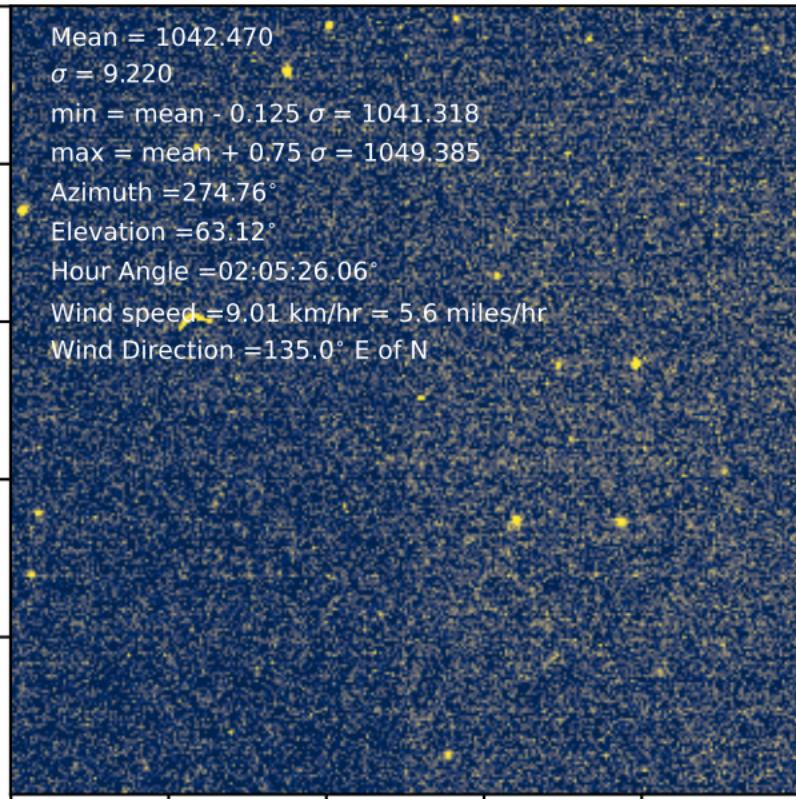
0

200

400

600

800



0

Mean = 1028.096

σ = 9.066

min = mean - 0.125 σ = 1026.963

max = mean + 0.75 σ = 1034.896

Azimuth = 274.83°

Elevation = 62.96°

Hour Angle = 02:06:12.19°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

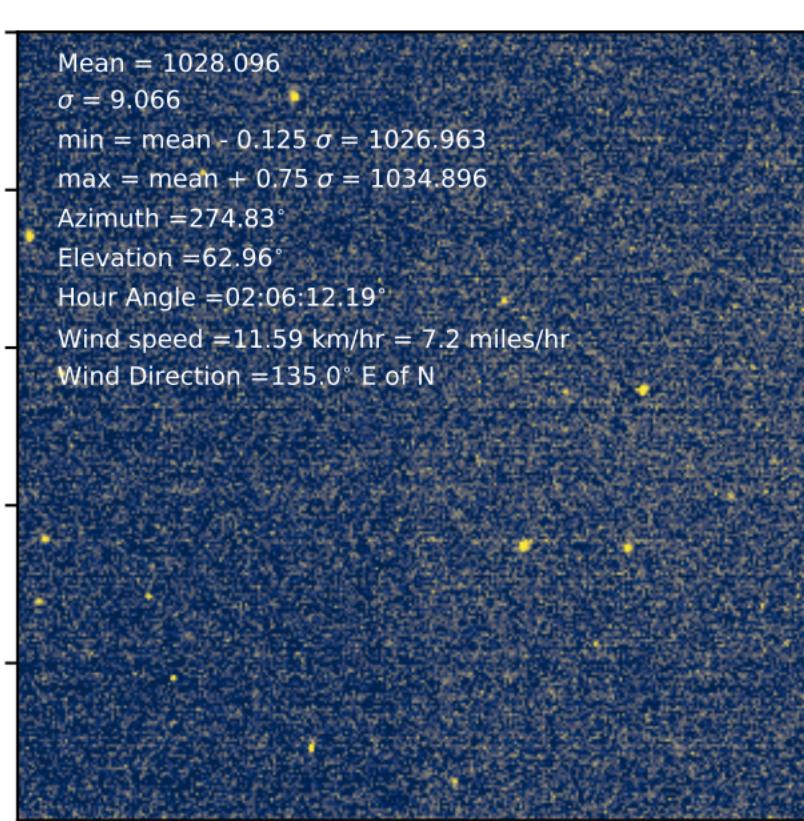
0

200

400

600

800



0

Mean = 1063.841

σ = 11.402

min = mean - 0.125 σ = 1062.416

max = mean + 0.75 σ = 1072.393

Azimuth = 274.91°

Elevation = 62.8°

Hour Angle = 02:06:57.31°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

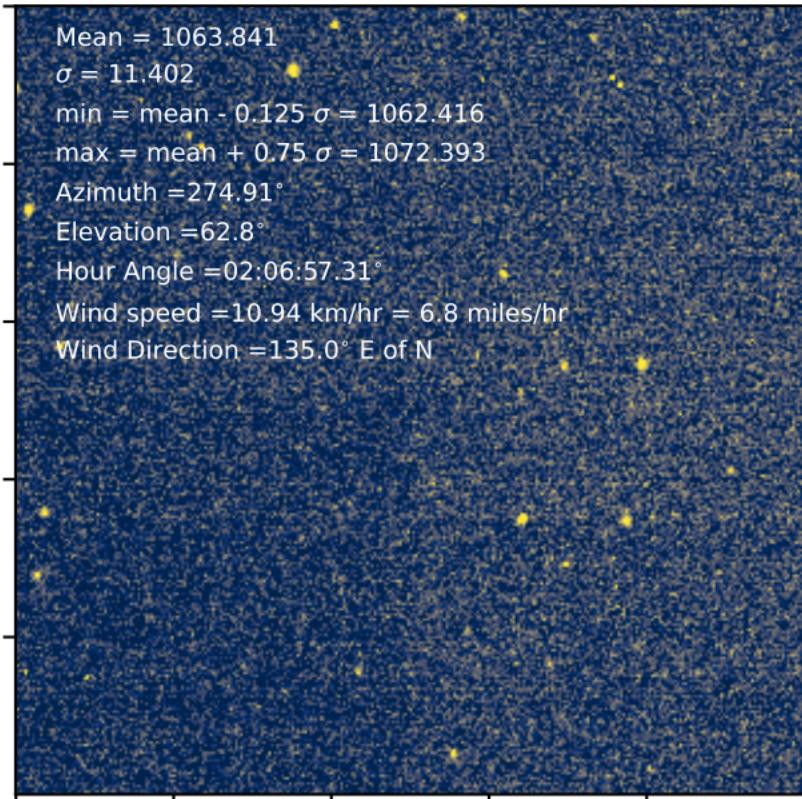
0

200

400

600

800



0

Mean = 1040.741

σ = 10.883

min = mean - 0.125 σ = 1039.38

max = mean + 0.75 σ = 1048.903

Azimuth = 274.99°

Elevation = 62.62°

Hour Angle = 02:07:48.45°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

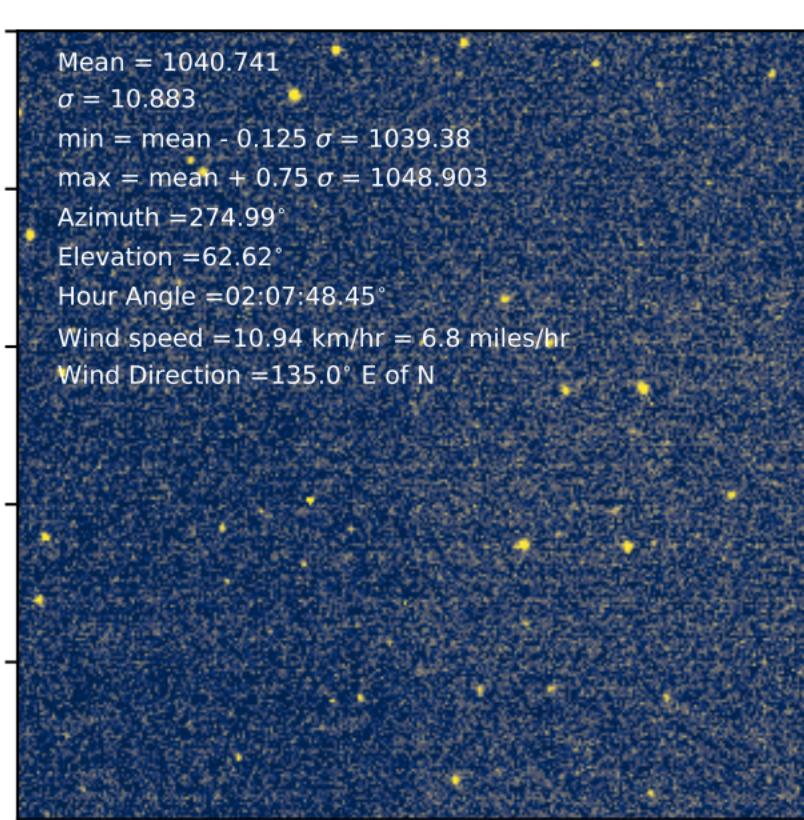
0

200

400

600

800



0

Mean = 1027.054

σ = 17.202

min = mean - 0.125 σ = 1024.903

max = mean + 0.75 σ = 1039.955

Azimuth = 275.06°

Elevation = 62.46°

Hour Angle = 02:08:34.58°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

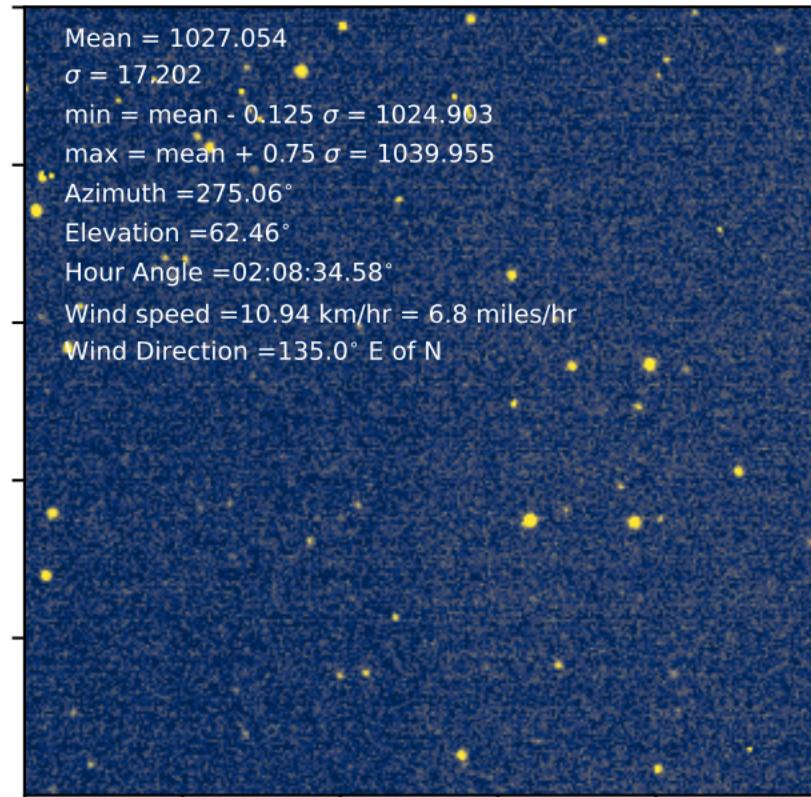
0

200

400

600

800



0

Mean = 1057.603

σ = 20.802

min = mean - 0.125 σ = 1055.003

max = mean + 0.75 σ = 1073.205

Azimuth = 275.13°

Elevation = 62.3°

Hour Angle = 02:09:20.70°

Wind speed = 6.76 km/hr = 4.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

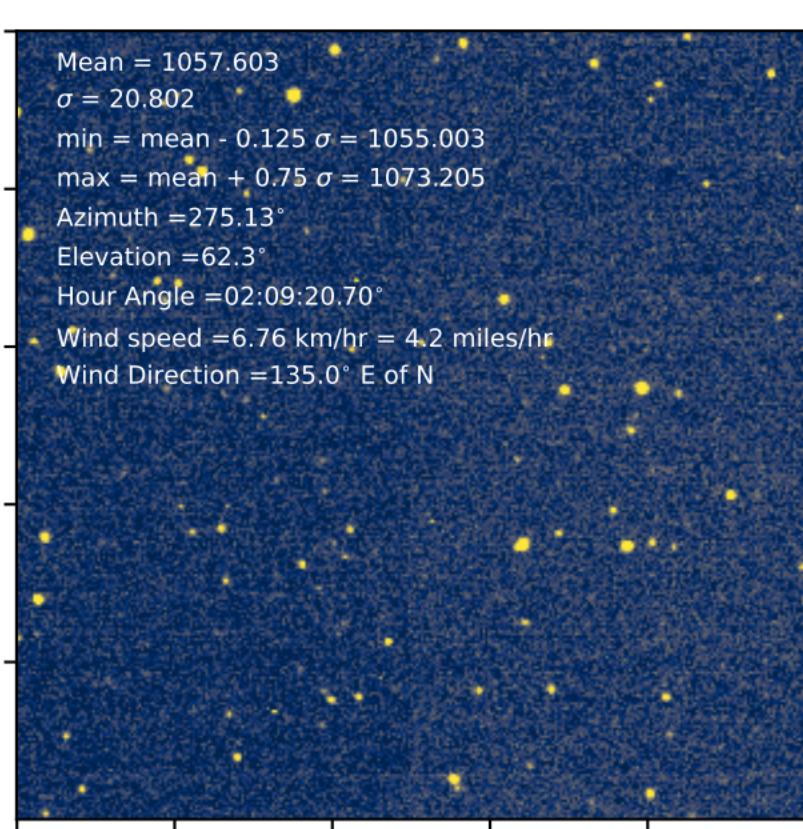
0

200

400

600

800



0

Mean = 1040.964

σ = 21.934

min = mean - 0.125 σ = 1038.222

max = mean + 0.75 σ = 1057.414

Azimuth = 275.21°

Elevation = 62.11°

Hour Angle = 02:10:11.84°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

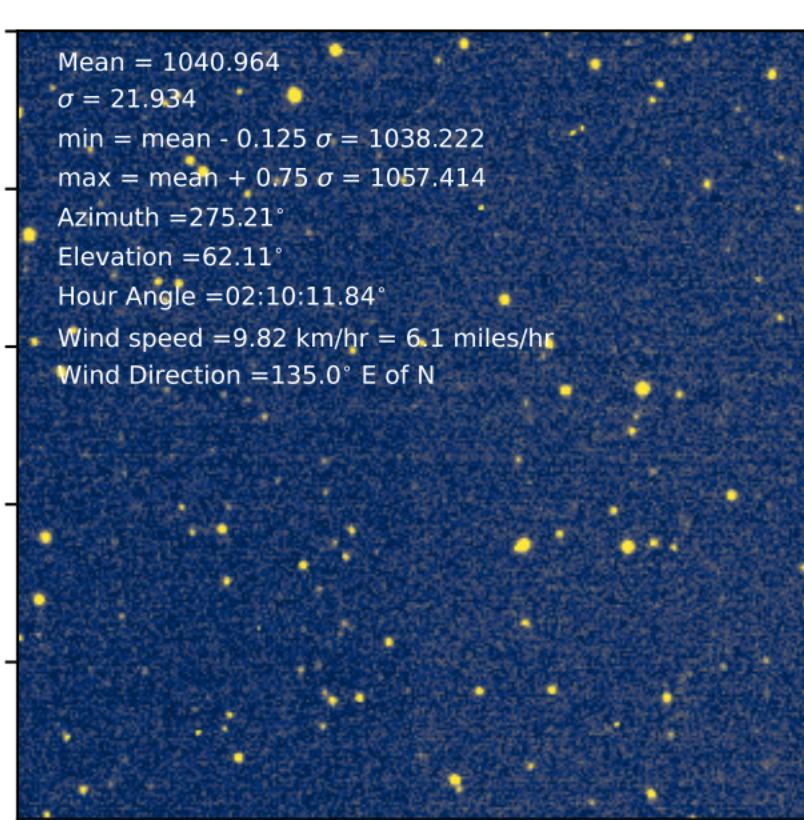
0

200

400

600

800



0

Mean = 1040.899

σ = 23.715

min = mean - 0.125 σ = 1037.934

max = mean + 0.75 σ = 1058.685

Azimuth = 275.28°

Elevation = 61.96°

Hour Angle = 02:10:55.96°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

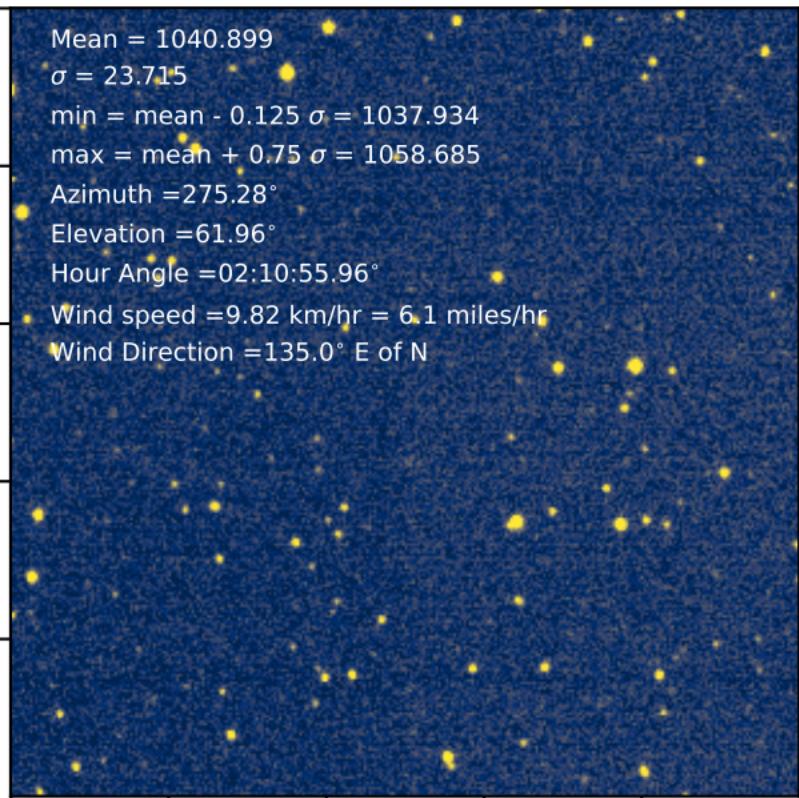
0

200

400

600

800



0

Mean = 1052.459

σ = 27.076

min = mean - 0.125 σ = 1049.074

max = mean + 0.75 σ = 1072.766

Azimuth = 275.36°

Elevation = 61.78°

Hour Angle = 02:11:46.10°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

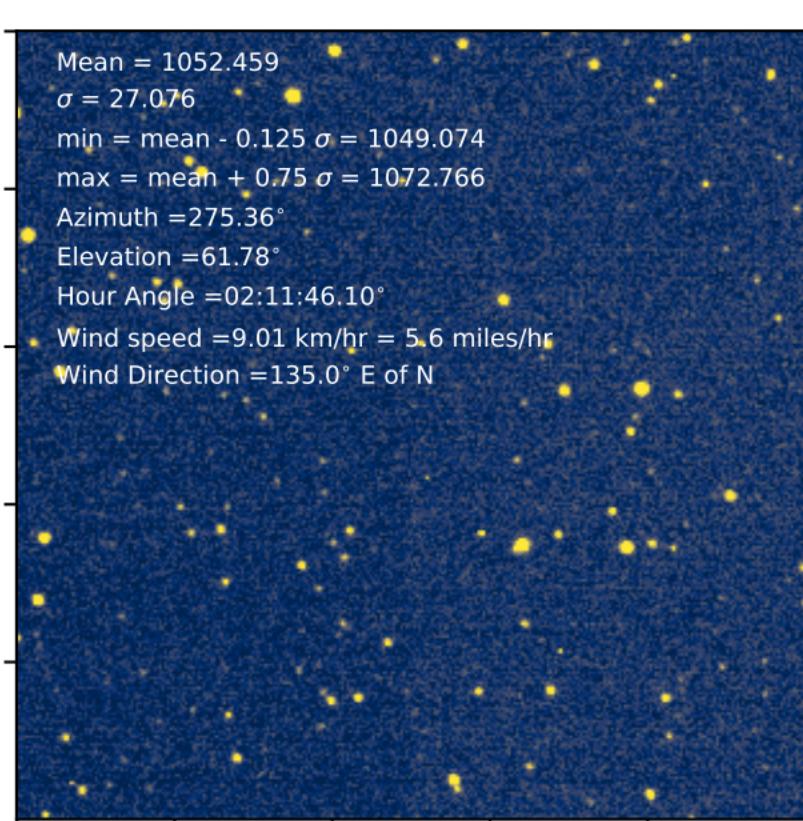
0

200

400

600

800



0

Mean = 1041.415

σ = 25.910

min = mean - 0.125 σ = 1038.176

max = mean + 0.75 σ = 1060.847

200

Azimuth = 275.44°

Elevation = 61.6°

Hour Angle = 02:12:37.24°

400

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

600

800

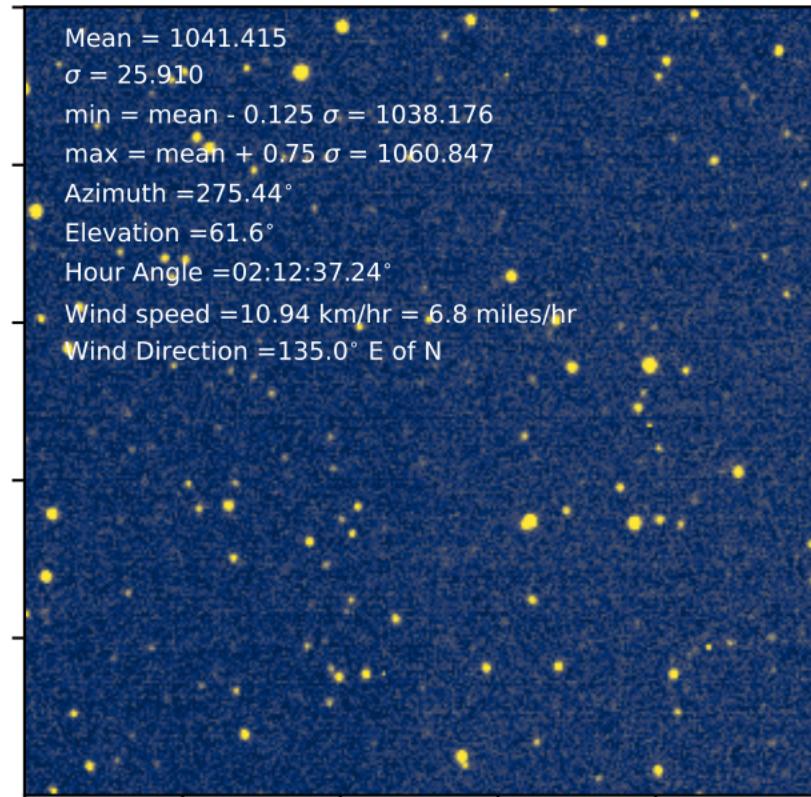
0

200

400

600

800



0

Mean = 1025.216

σ = 31.309

min = mean - 0.125 σ = 1021.302

max = mean + 0.75 σ = 1048.698

Azimuth = 275.52°

Elevation = 61.44°

Hour Angle = 02:13:23.37°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

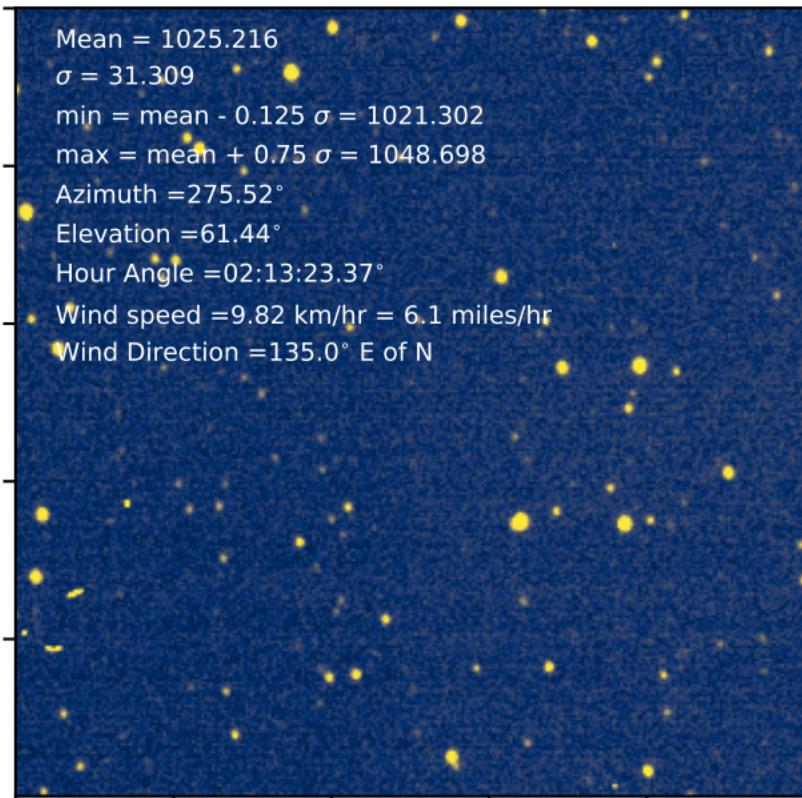
0

200

400

600

800



0

Mean = 1050.567

σ = 36.955

min = mean - 0.125 σ = 1045.948

max = mean + 0.75 σ = 1078.283

Azimuth = 275.59°

Elevation = 61.28°

Hour Angle = 02:14:09.49°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

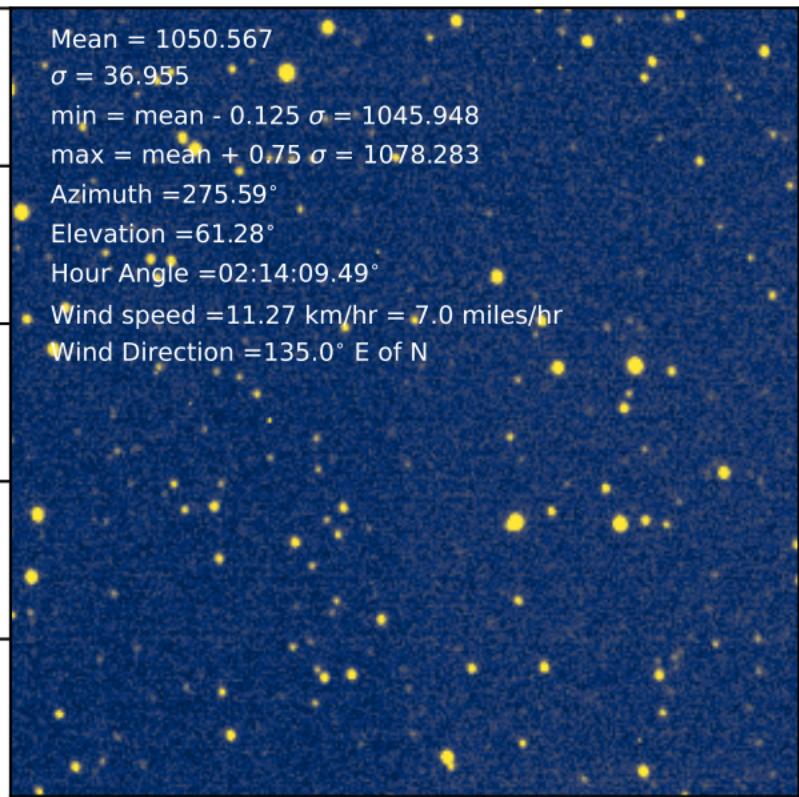
0

200

400

600

800



0

Mean = 1040.620

σ = 30.614

min = mean - 0.125 σ = 1036.793

max = mean + 0.75 σ = 1063.581

Azimuth = 275.67°

Elevation = 61.1°

Hour Angle = 02:15:00.63°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

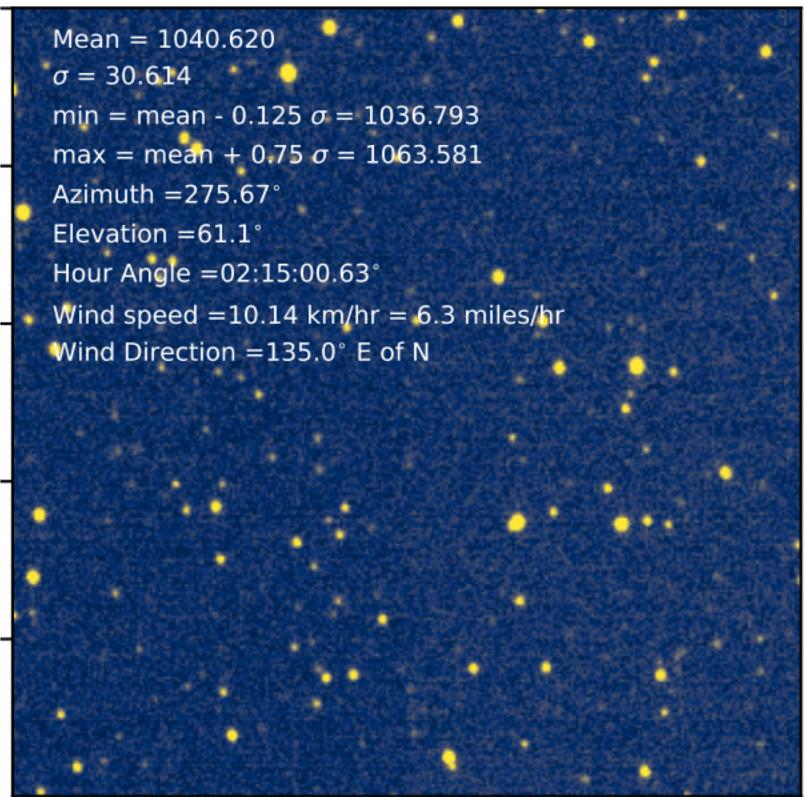
0

200

400

600

800



0

Mean = 1025.308

σ = 34.481

min = mean - 0.125 σ = 1020.998

max = mean + 0.75 σ = 1051.168

Azimuth = 275.74°

Elevation = 60.92°

Hour Angle = 02:15:49.77°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

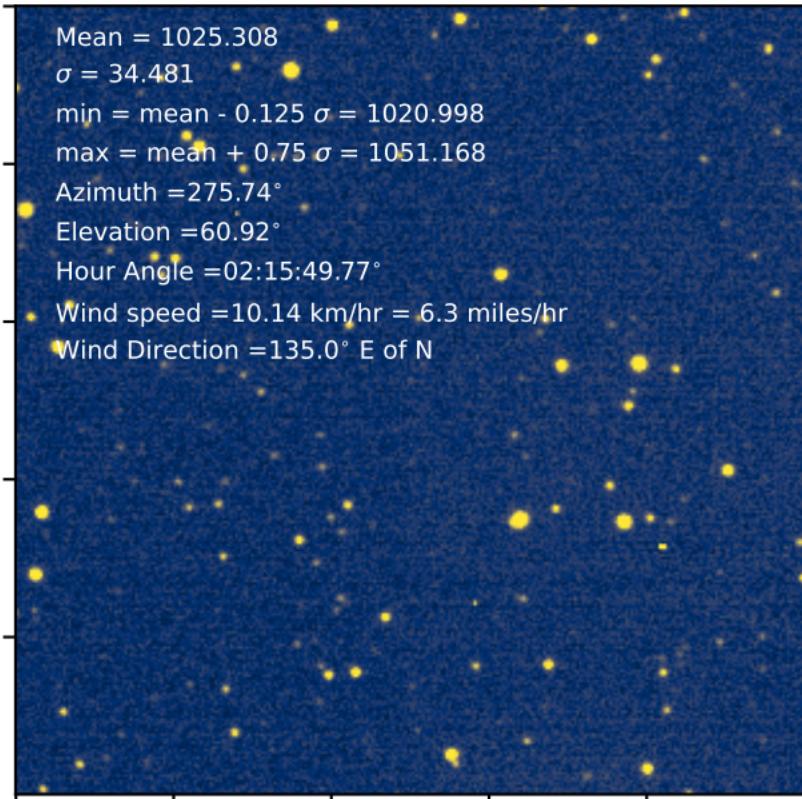
0

200

400

600

800



0

Mean = 1049.825

σ = 39.508

min = mean - 0.125 σ = 1044.886

max = mean + 0.75 σ = 1079.456

Azimuth = 275.81°

Elevation = 60.76°

Hour Angle = 02:16:34.89°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

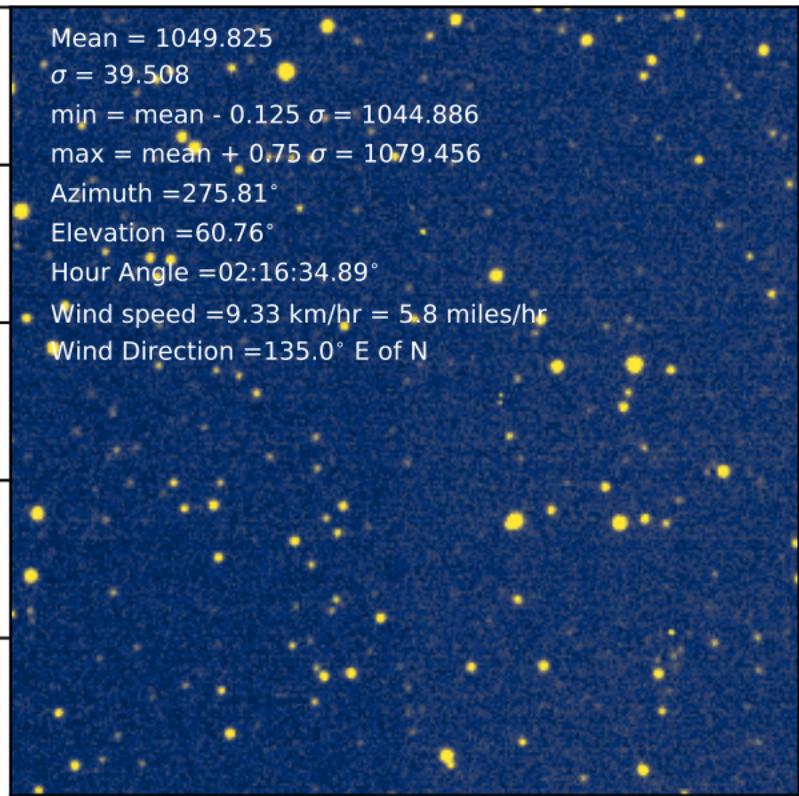
0

200

400

600

800



0

Mean = 1041.106

σ = 26.850

min = mean - 0.125 σ = 1037.749

max = mean + 0.75 σ = 1061.244

Azimuth = 275.89°

Elevation = 60.58°

Hour Angle = 02:17:26.03°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

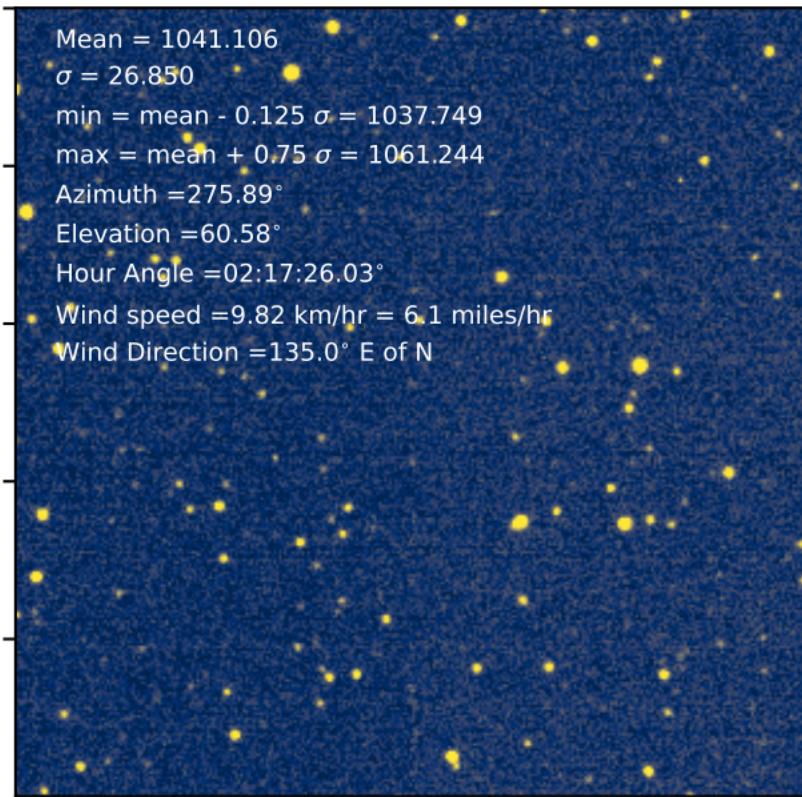
0

200

400

600

800



0

Mean = 1024.917

σ = 32.024

min = mean - 0.125 σ = 1020.914

max = mean + 0.75 σ = 1048.936

Azimuth = 275.96°

Elevation = 60.42°

Hour Angle = 02:18:13.16°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

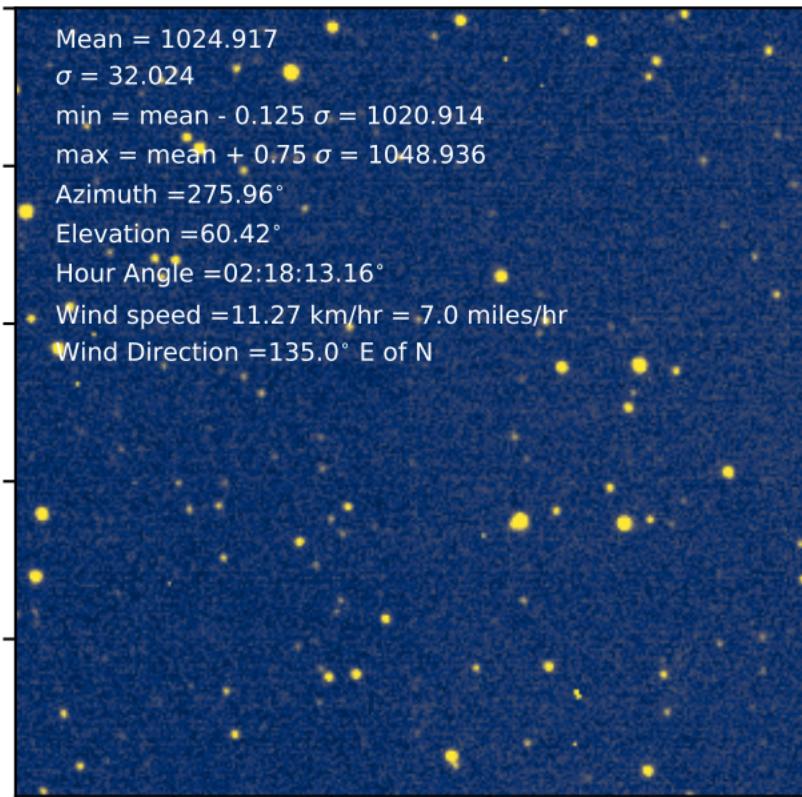
0

200

400

600

800



0

Mean = 1053.007

σ = 29.653

min = mean - 0.125 σ = 1049.3

max = mean + 0.75 σ = 1075.246

Azimuth = 276.03°

Elevation = 60.26°

Hour Angle = 02:18:58.28°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1041.228

σ = 23.875

min = mean - 0.125 σ = 1038.244

max = mean + 0.75 σ = 1059.134

Azimuth = 276.12°

Elevation = 60.07°

Hour Angle = 02:19:52.43°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

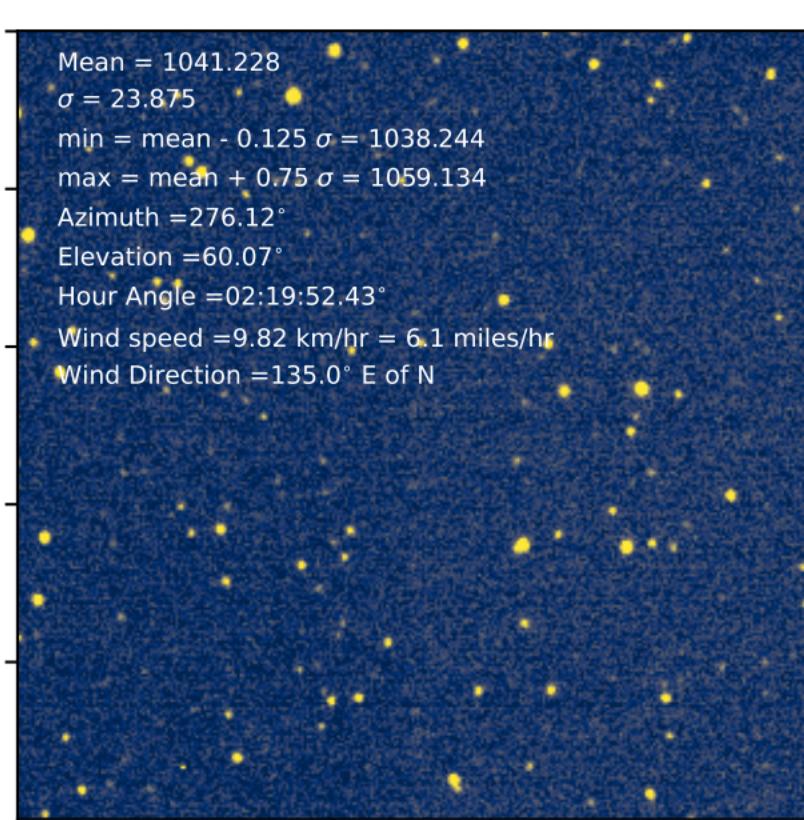
0

200

400

600

800



0

Mean = 1025.377

σ = 26.122

min = mean - 0.125 σ = 1022.112

max = mean + 0.75 σ = 1044.969

200

Azimuth = 276.19°

Elevation = 59.9°

400

Hour Angle = 02:20:38.55°

600

Wind speed = 7.89 km/hr = 4.9 miles/hr

800

Wind Direction = 135.0° E of N

0

200

400

600

800



0

Mean = 1054.030

σ = 26.361

min = mean - 0.125 σ = 1050.735

max = mean + 0.75 σ = 1073.801

Azimuth = 276.26°

Elevation = 59.74°

Hour Angle = 02:21:24.68°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

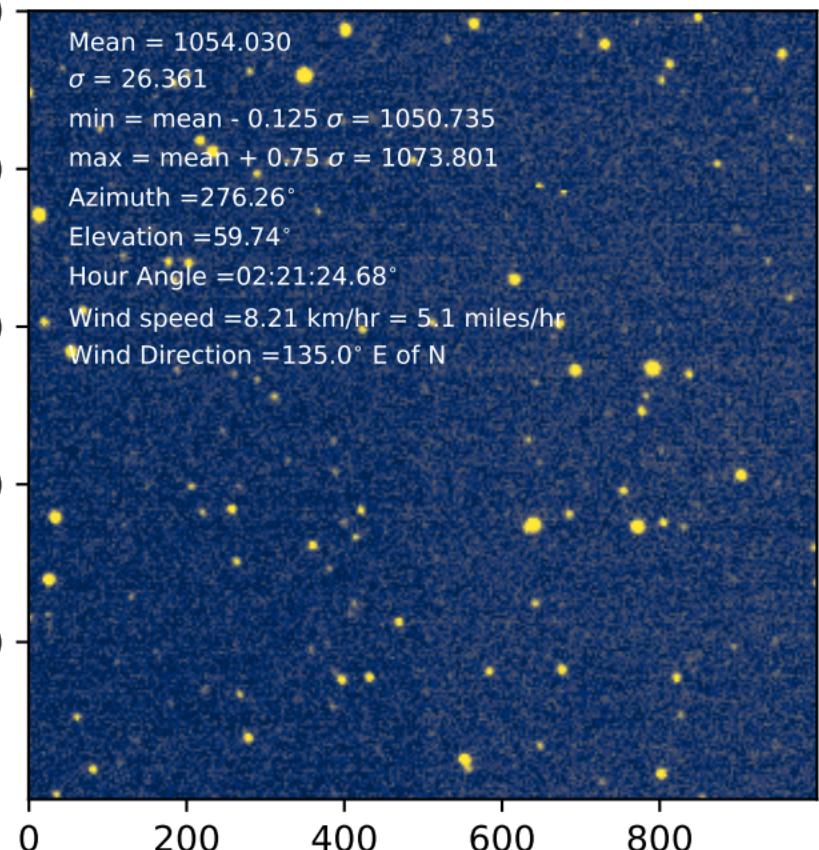
0

200

400

600

800



0

Mean = 1041.429

σ = 21.338

min = mean - 0.125 σ = 1038.762

max = mean + 0.75 σ = 1057.433

Azimuth = 276.34°

Elevation = 59.56°

Hour Angle = 02:22:15.82°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1053.265

σ = 24.378

min = mean - 0.125 σ = 1050.218

max = mean + 0.75 σ = 1071.548

Azimuth = 276.41°

Elevation = 59.38°

Hour Angle = 02:23:05.96°

200

400

600

800

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

0

200

400

600

800

0

Mean = 1041.952

σ = 15.292

min = mean - 0.125 σ = 1040.04

max = mean + 0.75 σ = 1053.421

Azimuth = 276.49°

Elevation = 59.2°

Hour Angle = 02:23:57.10°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

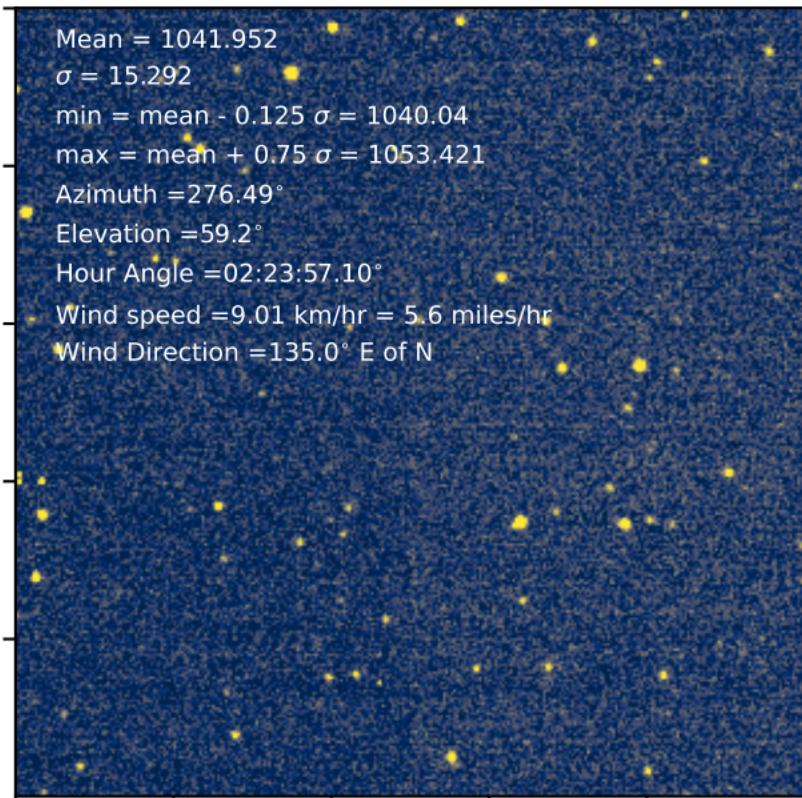
0

200

400

600

800



0

Mean = 1040.931

σ = 11.488

min = mean - 0.125 σ = 1039.495

max = mean + 0.75 σ = 1049.547

Azimuth = 276.81°

Elevation = 58.45°

Hour Angle = 02:27:30.68°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

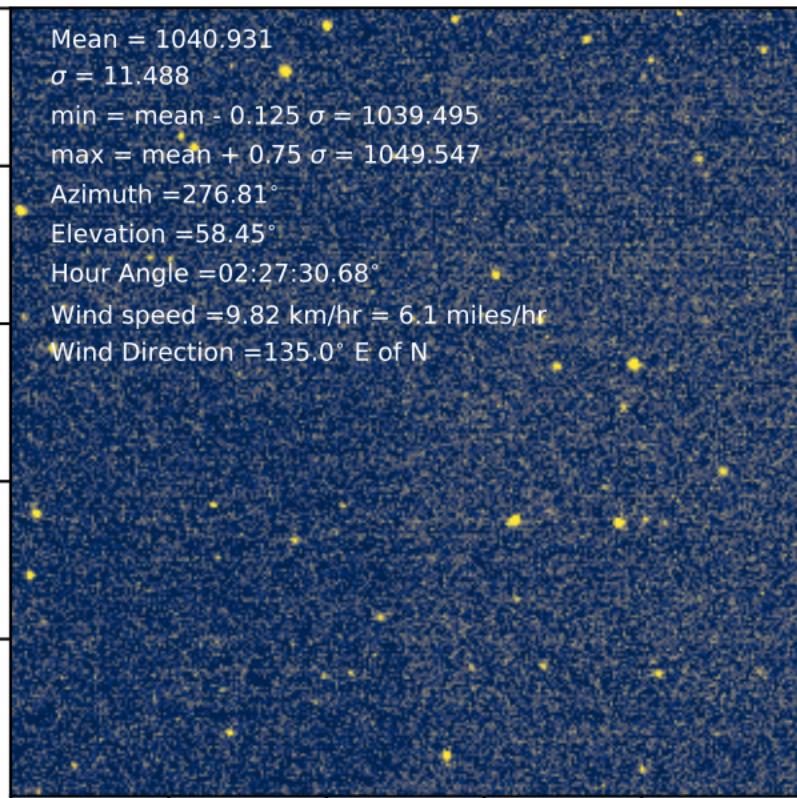
0

200

400

600

800



0

Mean = 1057.335

σ = 17.132

min = mean - 0.125 σ = 1055.194

max = mean + 0.75 σ = 1070.184

200

Azimuth = 276.89°

Elevation = 58.28°

Hour Angle = 02:28:19.81°

400

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1040.453

σ = 10.176

min = mean - 0.125 σ = 1039.181

max = mean + 0.75 σ = 1048.084

Azimuth = 276.97°

Elevation = 58.09°

Hour Angle = 02:29:13.96°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

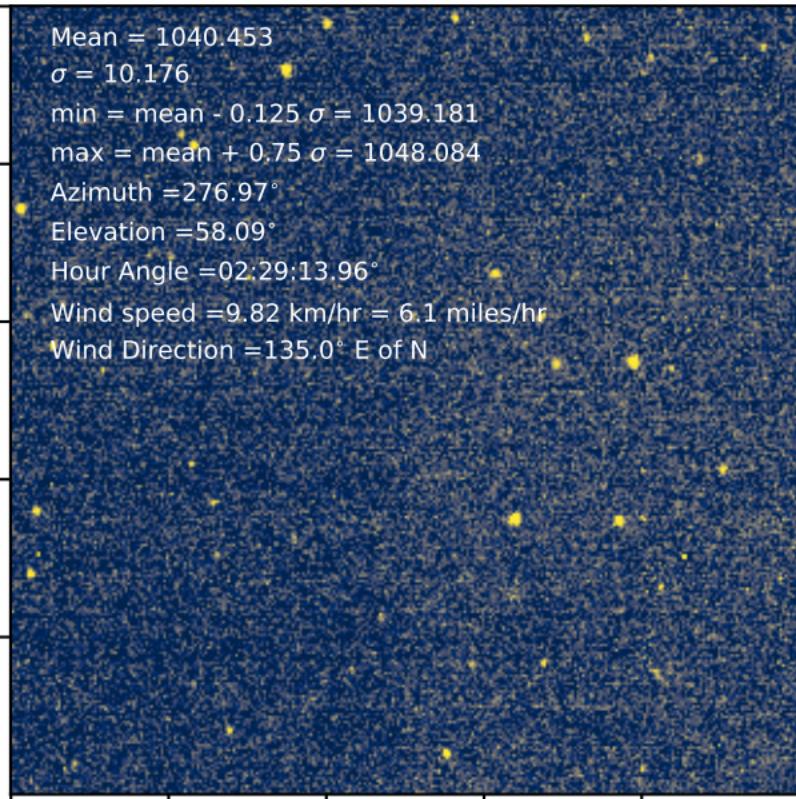
0

200

400

600

800



0

Mean = 1025.825

σ = 12.731

min = mean - 0.125 σ = 1024.234

max = mean + 0.75 σ = 1035.373

Azimuth = 277.04°

Elevation = 57.93°

Hour Angle = 02:30:00.09°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

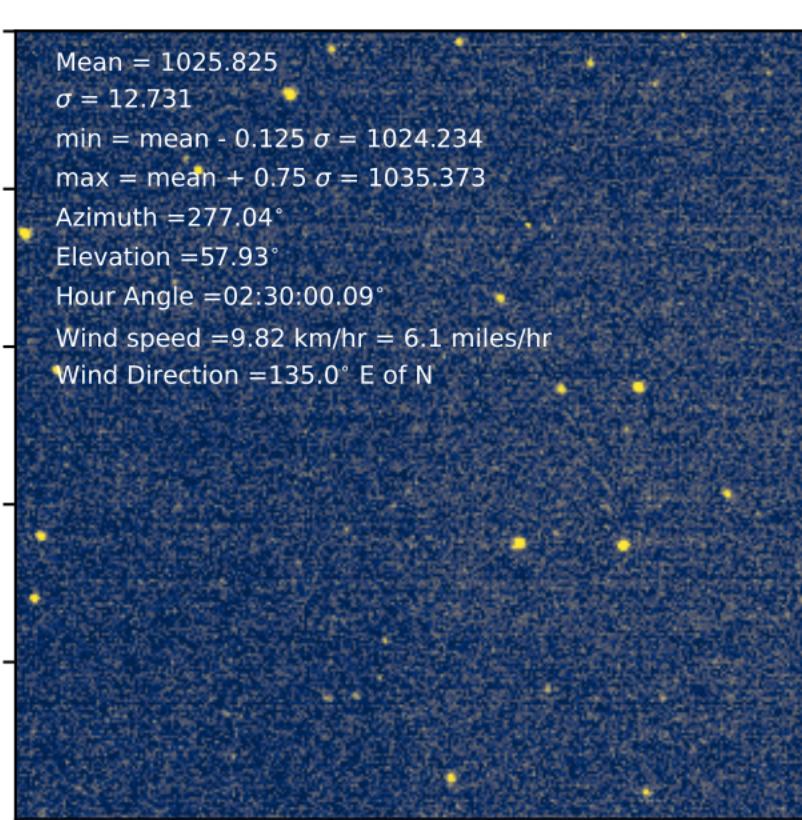
0

200

400

600

800



0

200

400

600

800

0

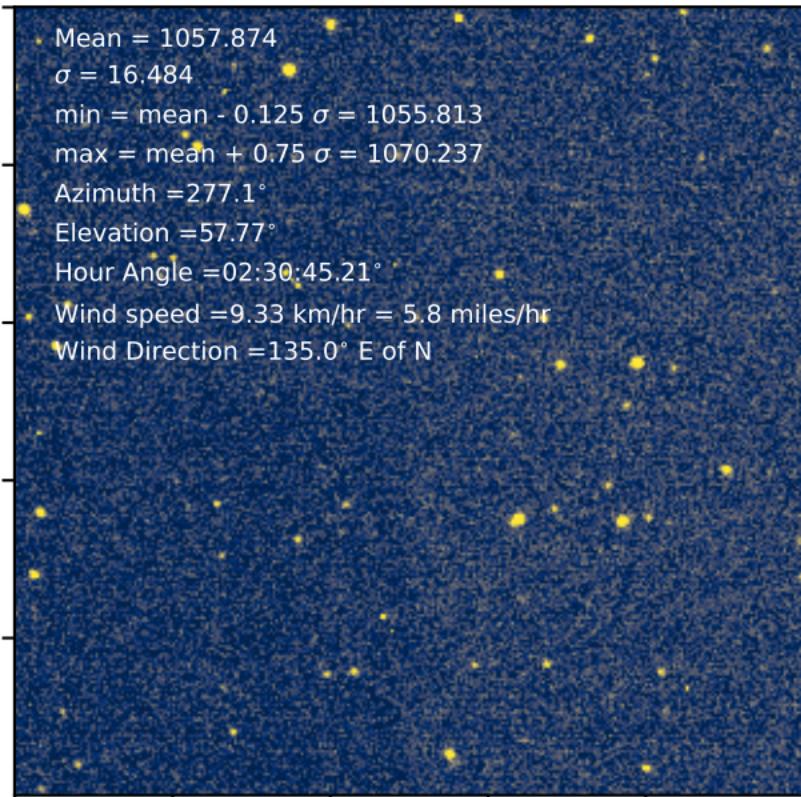
200

400

600

800

Mean = 1057.874
 σ = 16.484
min = mean - 0.125 σ = 1055.813
max = mean + 0.75 σ = 1070.237
Azimuth = 277.1°
Elevation = 57.77°
Hour Angle = 02:30:45.21°
Wind speed = 9.33 km/hr = 5.8 miles/hr
Wind Direction = 135.0° E of N



0

Mean = 1039.894

σ = 14.984

min = mean - 0.125 σ = 1038.021

max = mean + 0.75 σ = 1051.132

Azimuth = 277.18°

Elevation = 57.59°

Hour Angle = 02:31:36.35°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

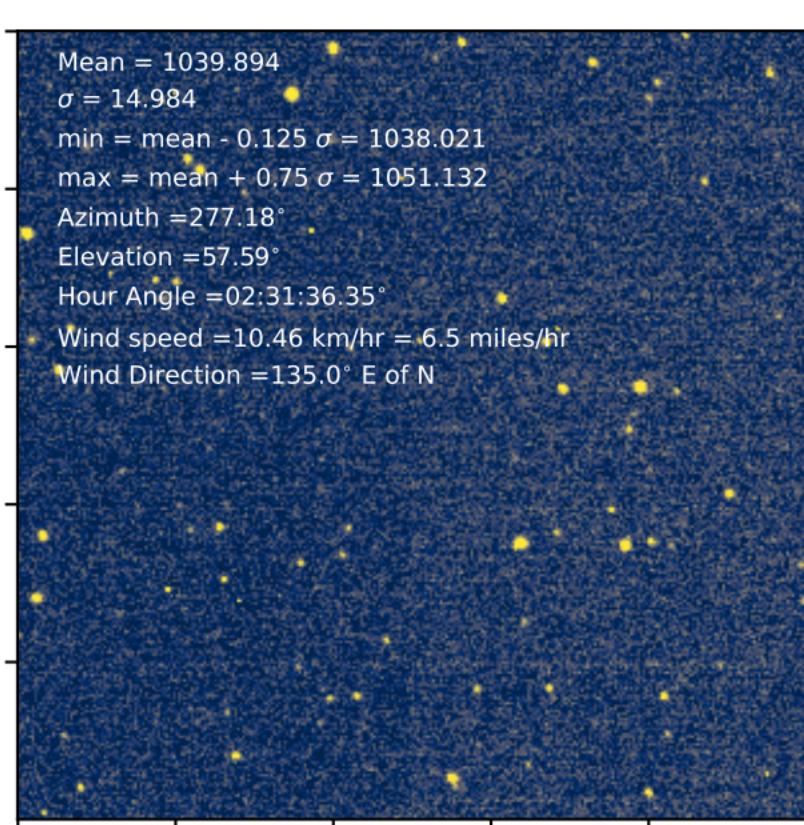
0

200

400

600

800



0

Mean = 1025.921

σ = 8.731

min = mean - 0.125 σ = 1024.829

max = mean + 0.75 σ = 1032.469

Azimuth = 277.25°

Elevation = 57.43°

Hour Angle = 02:32:22.48°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0 100 200 300 400 500 600 700 800 900 1000

0

Mean = 1040.228

σ = 9.025

min = mean - 0.125 σ = 1039.1

max = mean + 0.75 σ = 1046.997

Azimuth = 277.33°

Elevation = 57.22°

Hour Angle = 02:33:20.64°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

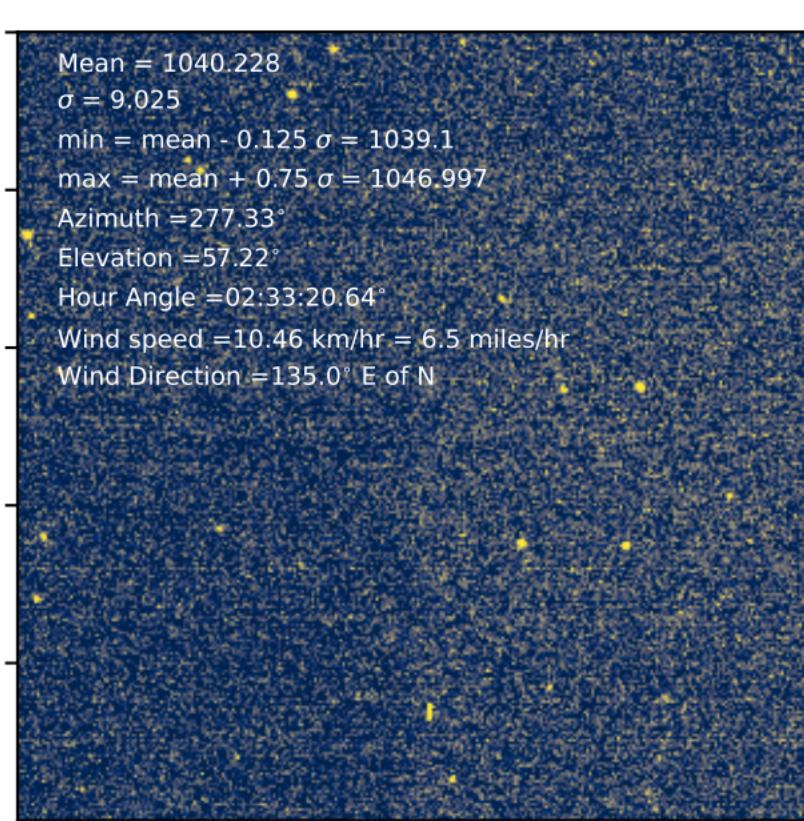
0

200

400

600

800



0

Mean = 1039.969

σ = 9.129

min = mean - 0.125 σ = 1038.828

max = mean + 0.75 σ = 1046.816

Azimuth = 277.4°

Elevation = 57.07°

Hour Angle = 02:34:04.76°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

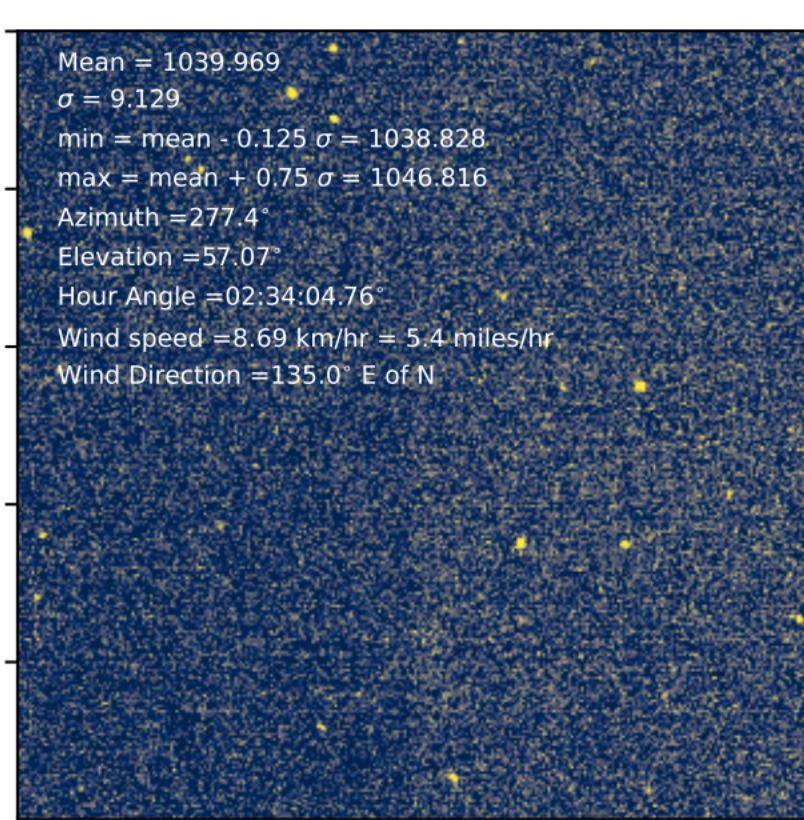
0

200

400

600

800



0

Mean = 1025.697

σ = 11.927

min = mean - 0.125 σ = 1024.206

200

max = mean + 0.75 σ = 1034.642

Azimuth = 277.47°

Elevation = 56.9°

Hour Angle = 02:34:50.88°

400

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1056.824

σ = 15.545

min = mean - 0.125 σ = 1054.881

max = mean + 0.75 σ = 1068.484

Azimuth = 277.53°

Elevation = 56.75°

Hour Angle = 02:35:36.00°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1039.027

σ = 9.752

min = mean - 0.125 σ = 1037.809

max = mean + 0.75 σ = 1046.341

Azimuth = 277.61°

Elevation = 56.57°

Hour Angle = 02:36:27.14°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

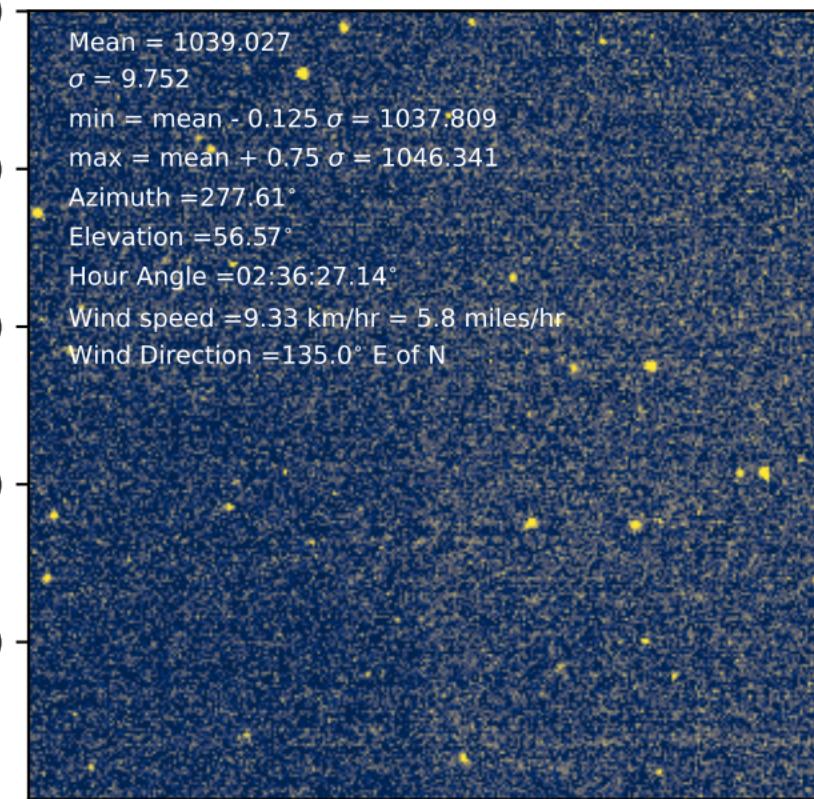
0

200

400

600

800



0

Mean = 1059.216

σ = 9.878

min = mean - 0.125 σ = 1057.982

max = mean + 0.75 σ = 1066.625

Azimuth = 277.68°

Elevation = 56.39°

Hour Angle = 02:37:17.28°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1038.086

σ = 8.420

min = mean - 0.125 σ = 1037.034

max = mean + 0.75 σ = 1044.401

Azimuth = 277.77°

Elevation = 56.19°

Hour Angle = 02:38:15.44°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1037.848

σ = 8.381

min = mean - 0.125 σ = 1036.801

max = mean + 0.75 σ = 1044.135

Azimuth = 277.84°

Elevation = 56.02°

Hour Angle = 02:39:01.57°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1061.588

σ = 9.869

min = mean - 0.125 σ = 1060.354

max = mean + 0.75 σ = 1068.99

Azimuth = 277.92°

Elevation = 55.84°

Hour Angle = 02:39:54.71°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1038.236

σ = 8.536

min = mean - 0.125 σ = 1037.169

max = mean + 0.75 σ = 1044.638

Azimuth = 278.02°

Elevation = 55.58°

Hour Angle = 02:41:07.91°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1064.262

σ = 10.453

min = mean - 0.125 σ = 1062.955

max = mean + 0.75 σ = 1072.102

Azimuth = 278.12°

Elevation = 55.34°

Hour Angle = 02:42:17.10°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

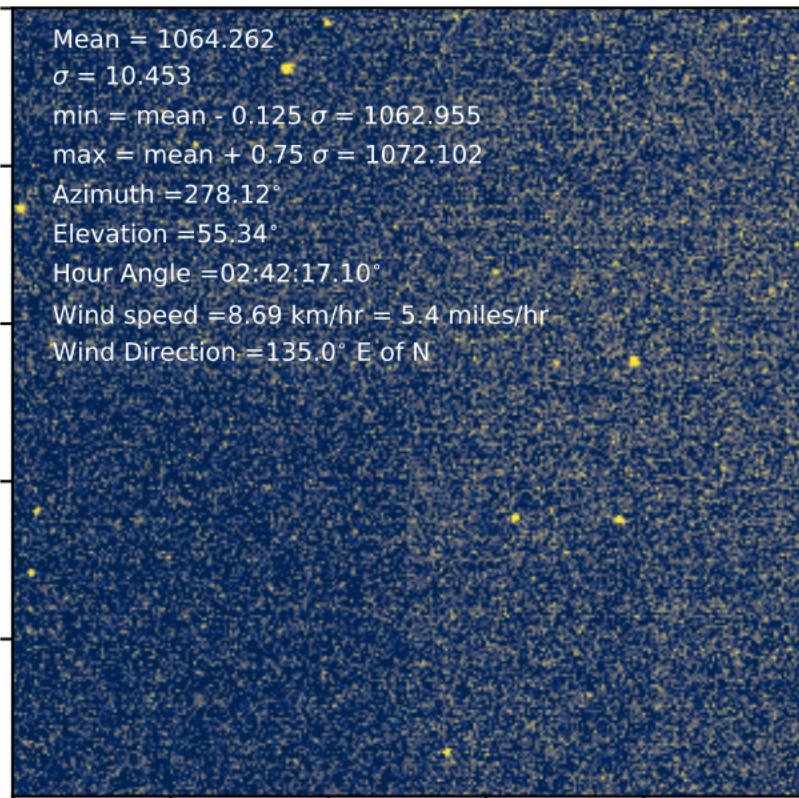
0

200

400

600

800



0

Mean = 1038.616

σ = 9.251

min = mean - 0.125 σ = 1037.459

max = mean + 0.75 σ = 1045.554

Azimuth = 278.22°

Elevation = 55.12°

Hour Angle = 02:43:20.27°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

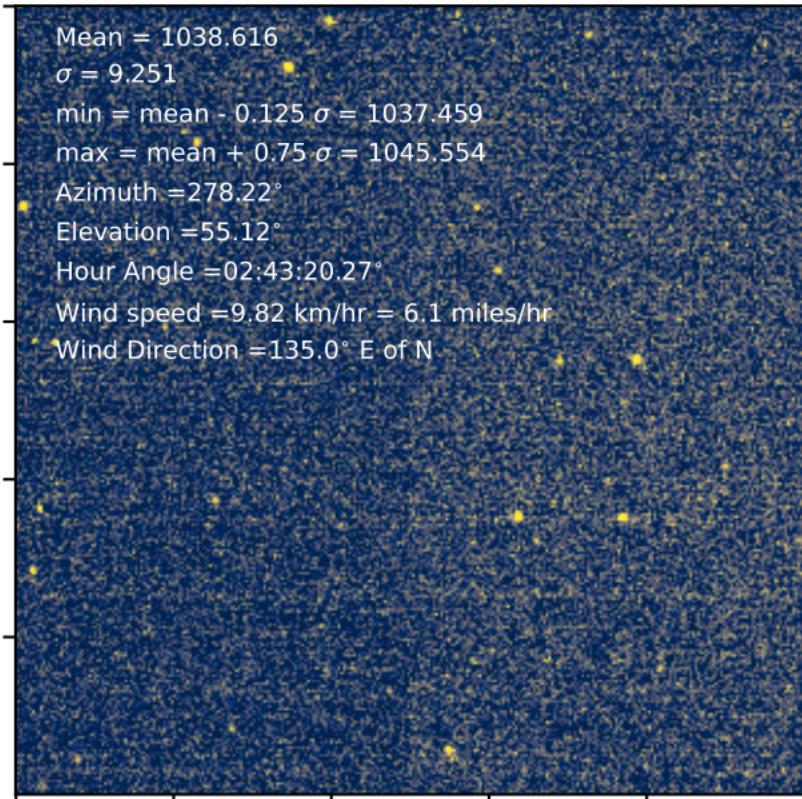
0

200

400

600

800



0

Mean = 1027.009

σ = 7.855

min = mean - 0.125 σ = 1026.027

max = mean + 0.75 σ = 1032.9

Azimuth = 278.28°

Elevation = 54.95°

Hour Angle = 02:44:06.40°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1039.037

σ = 8.657

min = mean - 0.125 σ = 1037.955

max = mean + 0.75 σ = 1045.529

Azimuth = 278.4°

Elevation = 54.68°

Hour Angle = 02:45:25.61°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1069.943

σ = 10.458

min = mean - 0.125 σ = 1068.636

max = mean + 0.75 σ = 1077.787

Azimuth = 278.54°

Elevation = 54.33°

Hour Angle = 02:47:03.88°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

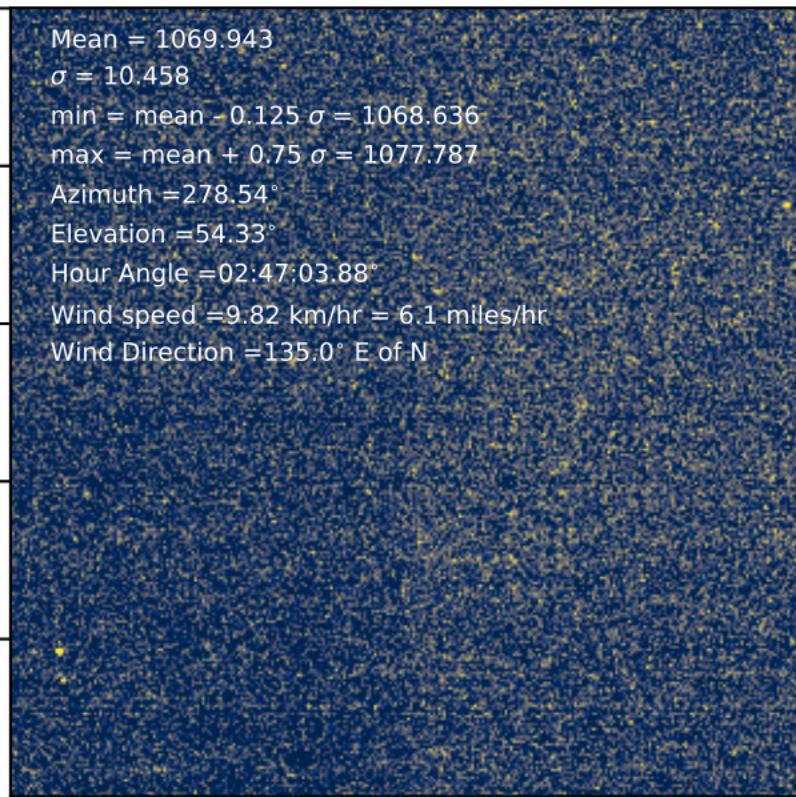
0

200

400

600

800



0

Mean = 1040.856

σ = 10.168

min = mean - 0.125 σ = 1039.585

max = mean + 0.75 σ = 1048.481

Azimuth = 278.63°

Elevation = 54.12°

Hour Angle = 02:48:03.04°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

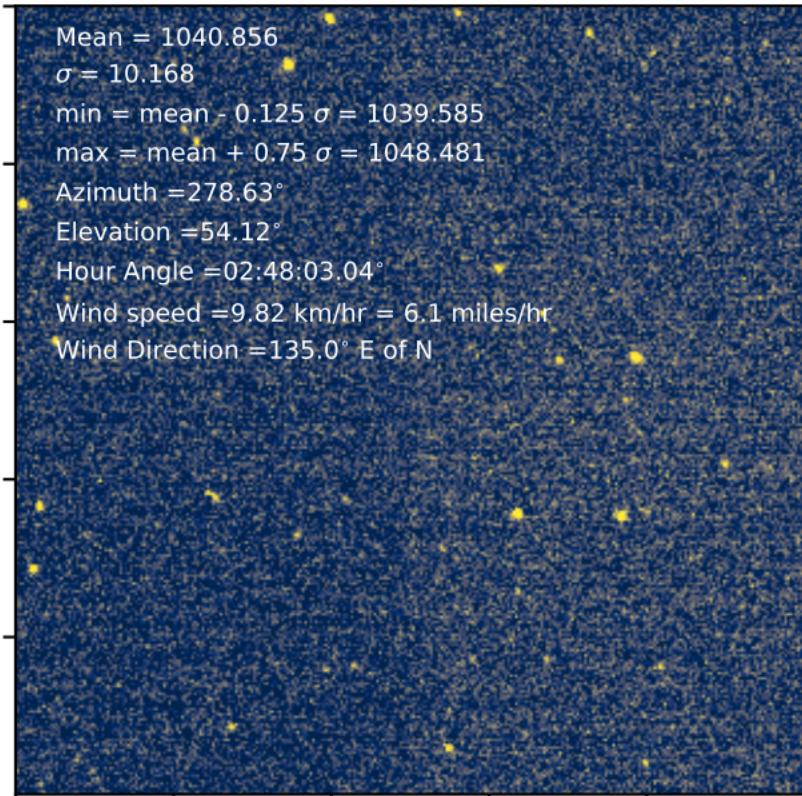
0

200

400

600

800



0

Mean = 1026.333

σ = 17.261

min = mean - 0.125 σ = 1024.176

max = mean + 0.75 σ = 1039.279

Azimuth = 278.7°

Elevation = 53.96°

Hour Angle = 02:48:49.17°

200

400

600

800

0

200

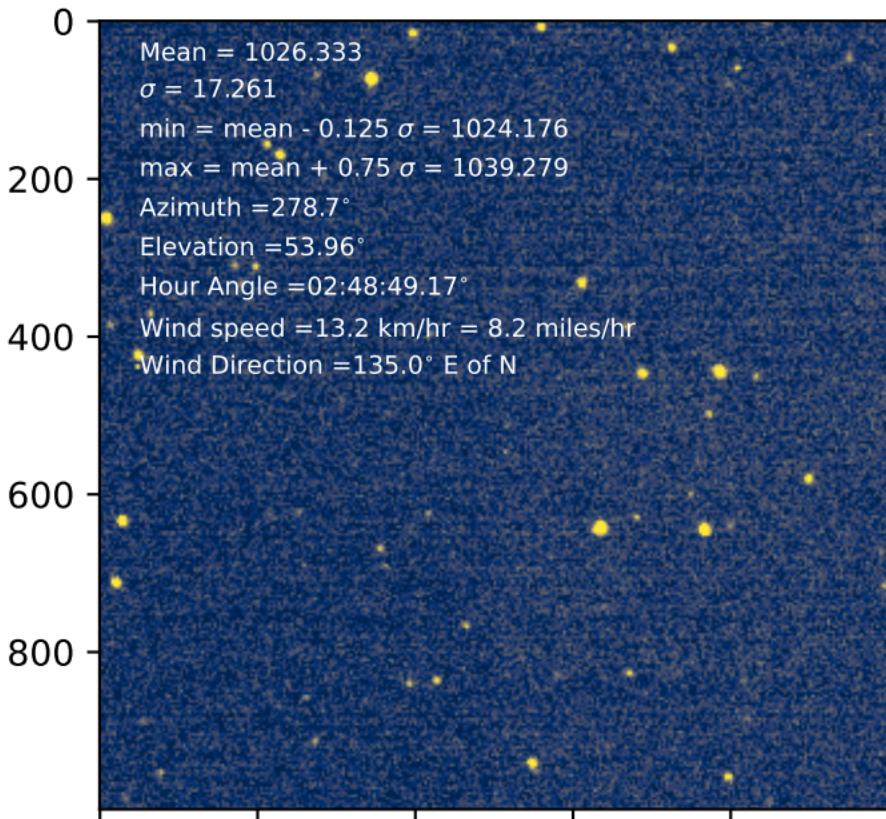
400

600

800

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1057.503

σ = 17.238

min = mean - 0.125 σ = 1055.349

max = mean + 0.75 σ = 1070.432

Azimuth = 278.76°

Elevation = 53.8°

Hour Angle = 02:49:34.29°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

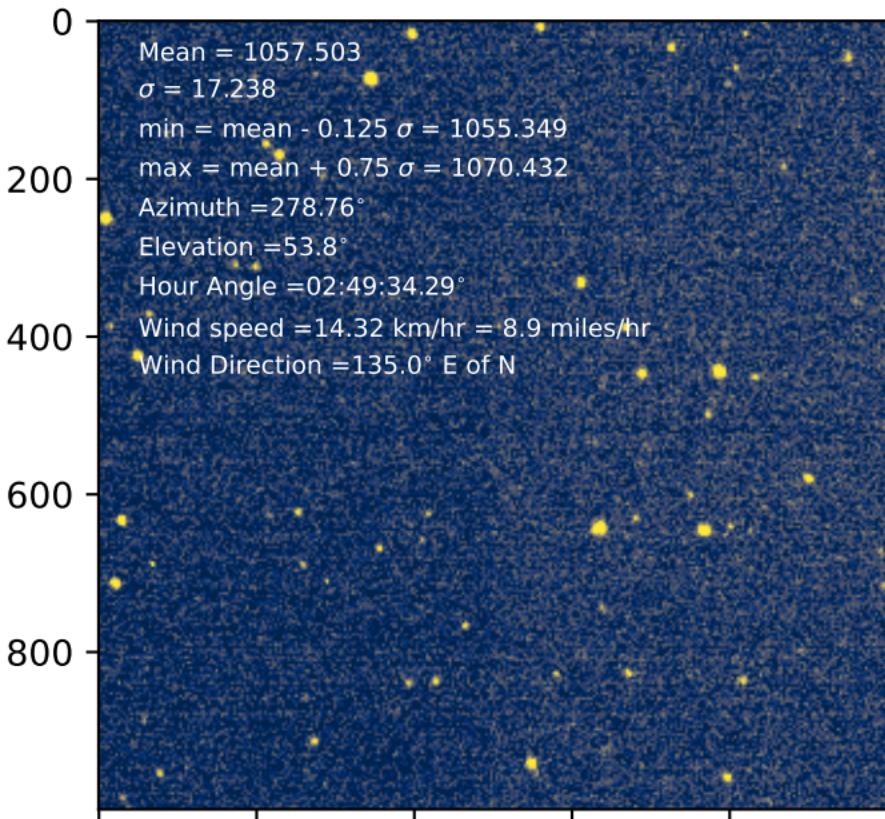
0

200

400

600

800



0

Mean = 1041.184

σ = 11.365

min = mean - 0.125 σ = 1039.764

max = mean + 0.75 σ = 1049.708

Azimuth = 278.84°

Elevation = 53.62°

Hour Angle = 02:50:25.43°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

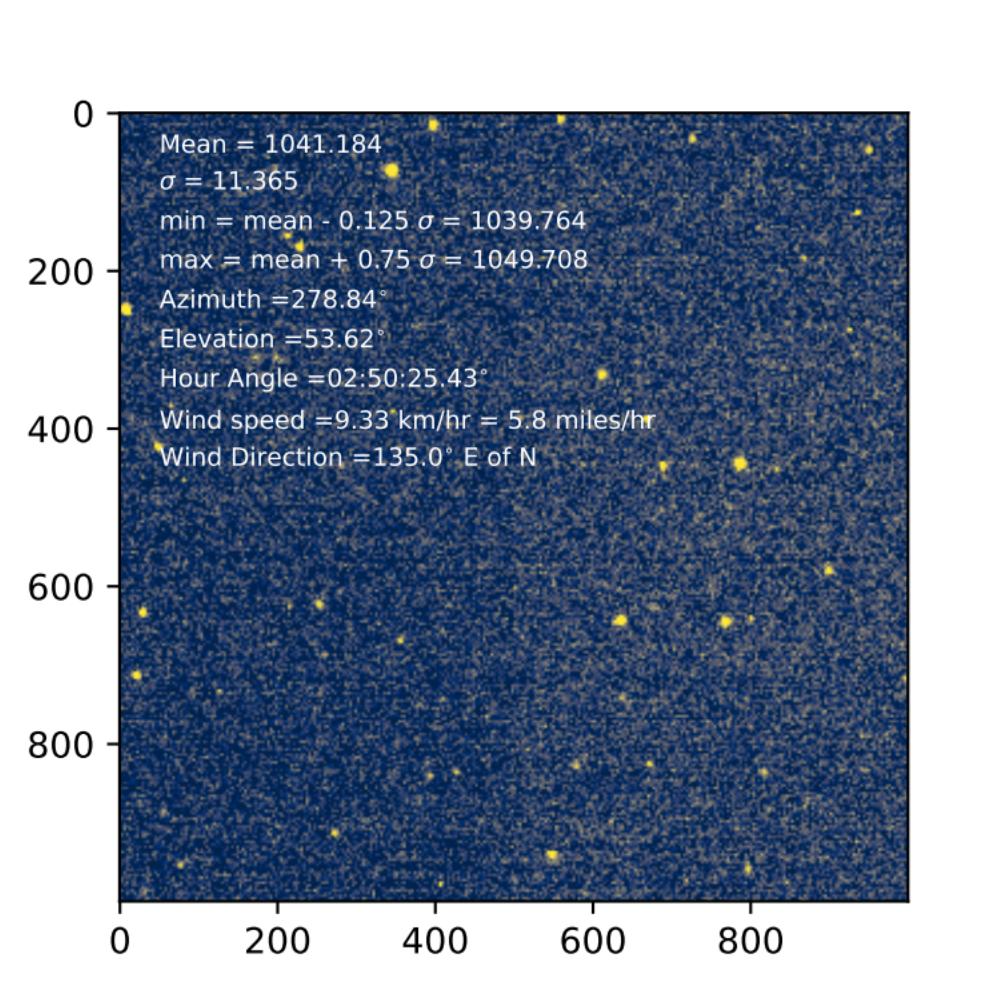
0

200

400

600

800



0

Mean = 1059.035

σ = 13.898

min = mean - 0.125 σ = 1057.297

max = mean + 0.75 σ = 1069.459

Azimuth = 278.91°

Elevation = 53.45°

Hour Angle = 02:51:15.57°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

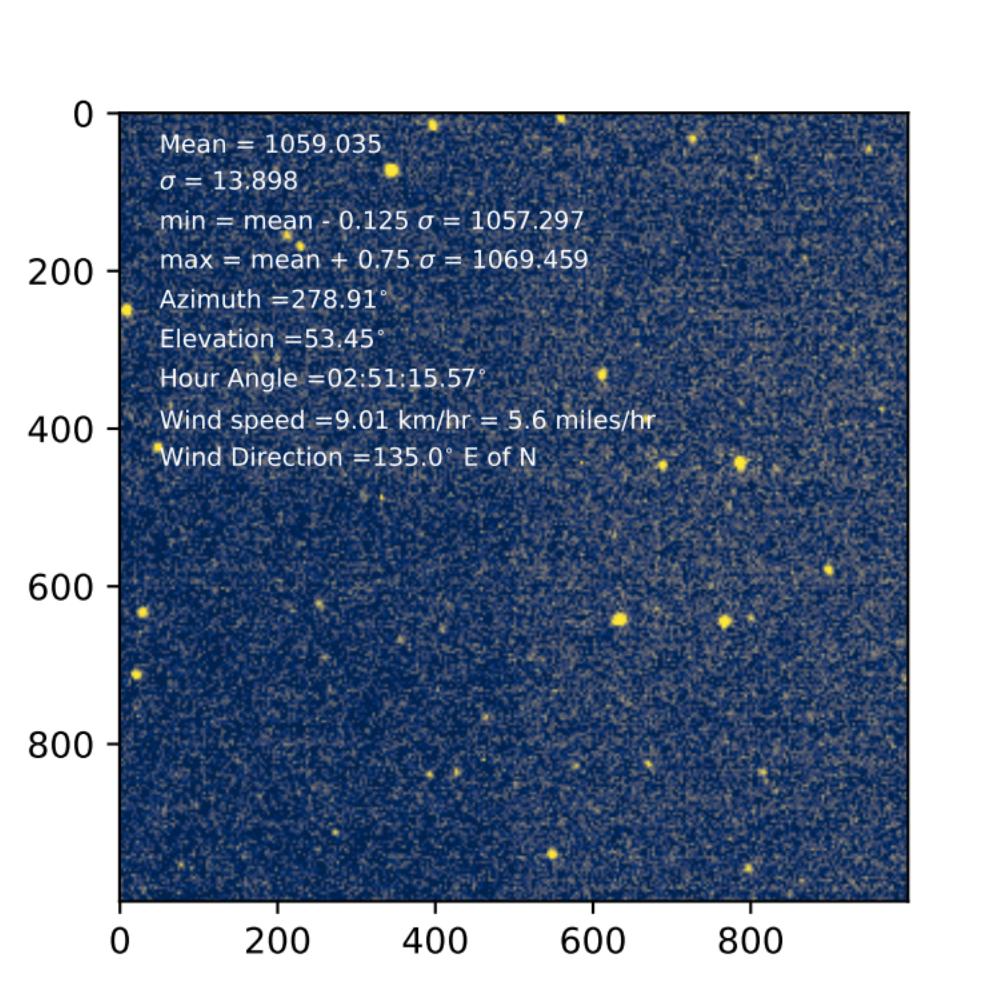
0

200

400

600

800



0

Mean = 1040.889

σ = 15.023

min = mean - 0.125 σ = 1039.011

max = mean + 0.75 σ = 1052.156

200

Azimuth = 278.98°

Elevation = 53.27°

400

Hour Angle = 02:52:06.71°

Wind speed = 13.84 km/hr = 8.6 miles/hr

600

Wind Direction = 135.0° E of N

800

0

200

400

600

800

0

Mean = 1040.660

σ = 14.320

min = mean - 0.125 σ = 1038.87

max = mean + 0.75 σ = 1051.399

Azimuth = 279.05°

Elevation = 53.12°

Hour Angle = 02:52:50.83°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

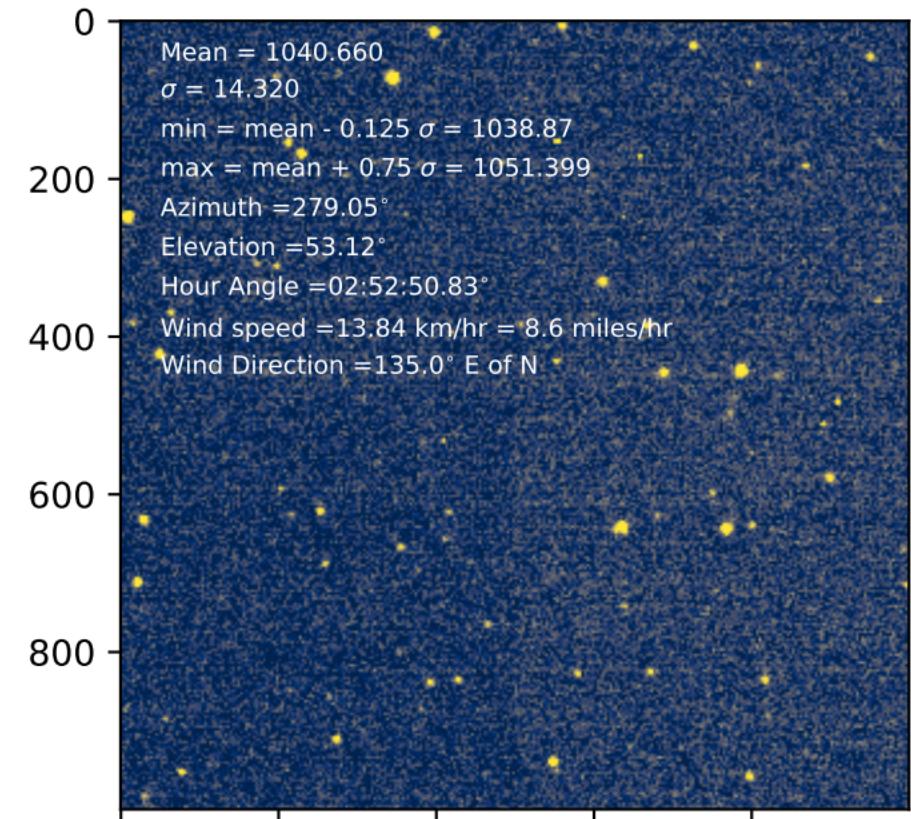
0

200

400

600

800



0

Mean = 1027.875

σ = 10.852

min = mean - 0.125 σ = 1026.519

max = mean + 0.75 σ = 1036.014

Azimuth = 279.11°

Elevation = 52.95°

Hour Angle = 02:53:36.96°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

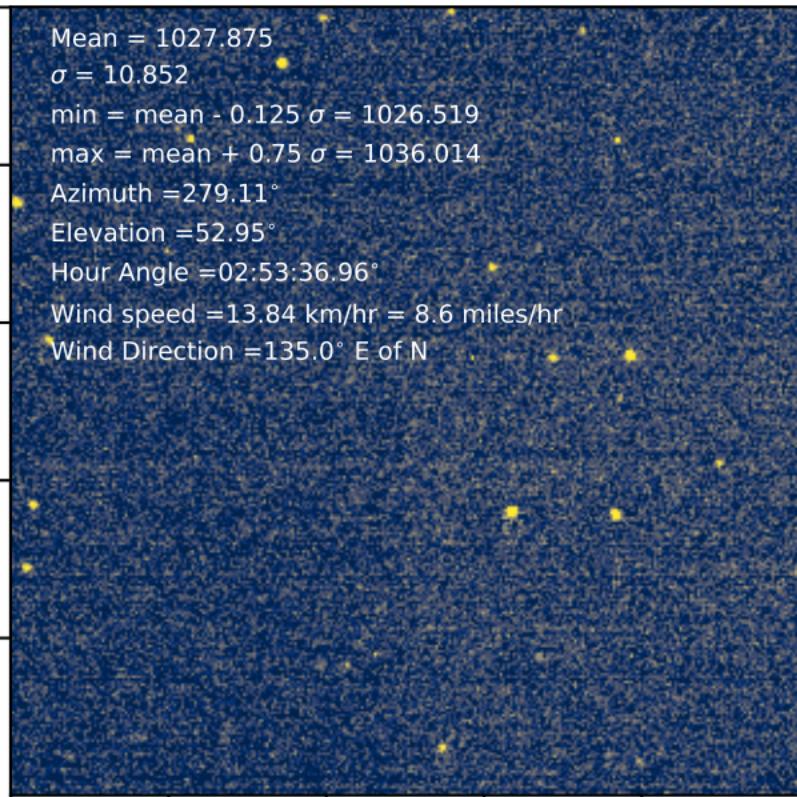
0

200

400

600

800



0

Mean = 1063.805

σ = 11.441

min = mean - 0.125 σ = 1062.375

max = mean + 0.75 σ = 1072.386

Azimuth = 279.18°

Elevation = 52.8°

Hour Angle = 02:54:22.08°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

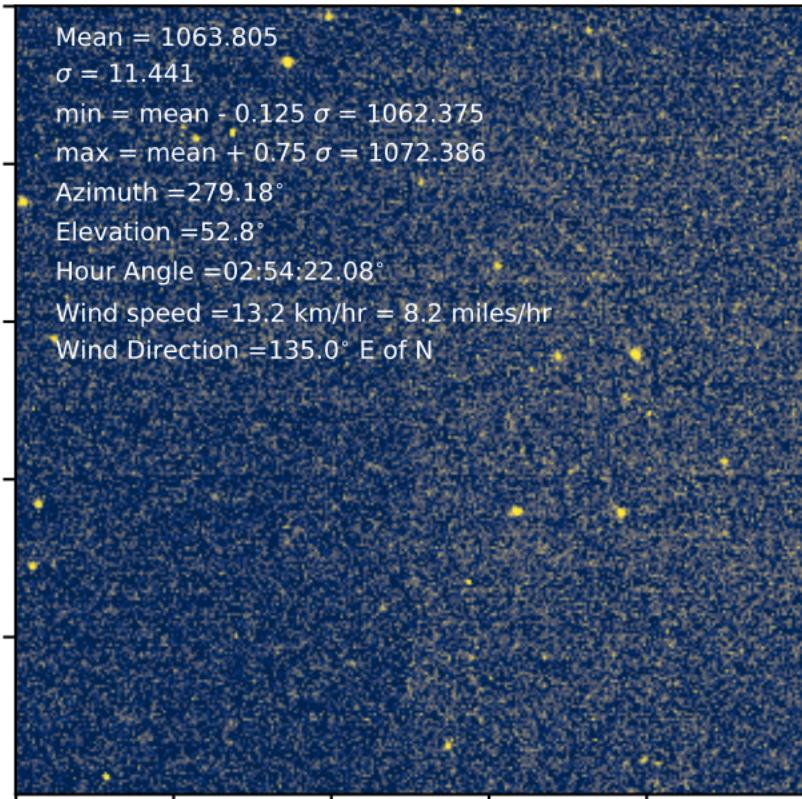
0

200

400

600

800



0

Mean = 1028.313

σ = 11.550

min = mean - 0.125 σ = 1026.87

max = mean + 0.75 σ = 1036.976

Azimuth = 279.26°

Elevation = 52.6°

Hour Angle = 02:55:18.23°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1064.269

σ = 10.593

min = mean - 0.125 σ = 1062.945

max = mean + 0.75 σ = 1072.213

Azimuth = 279.32°

Elevation = 52.44°

Hour Angle = 02:56:03.36°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1039.264

σ = 8.540

min = mean - 0.125 σ = 1038.196

max = mean + 0.75 σ = 1045.669

Azimuth = 279.4°

Elevation = 52.26°

Hour Angle = 02:56:54.50°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

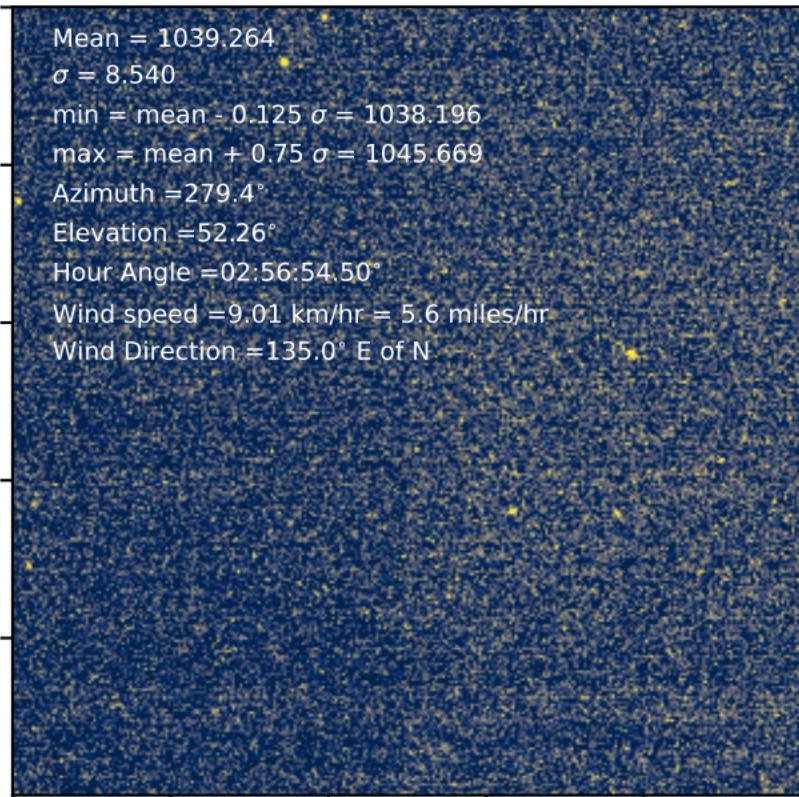
0

200

400

600

800



0

Mean = 1038.613

σ = 8.676

min = mean - 0.125 σ = 1037.528

max = mean + 0.75 σ = 1045.12

Azimuth = 279.49°

Elevation = 52.04°

Hour Angle = 02:57:58.67°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

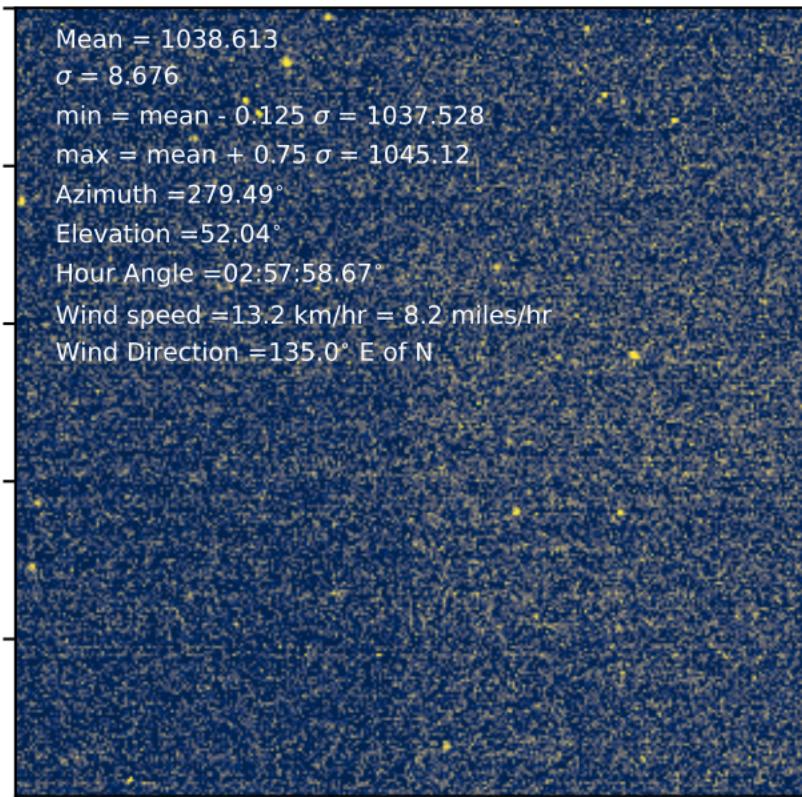
0

200

400

600

800



0

Mean = 1026.875

σ = 10.008

min = mean - 0.125 σ = 1025.624

max = mean + 0.75 σ = 1034.38

Azimuth = 279.62°

Elevation = 51.72°

Hour Angle = 02:59:28.92°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

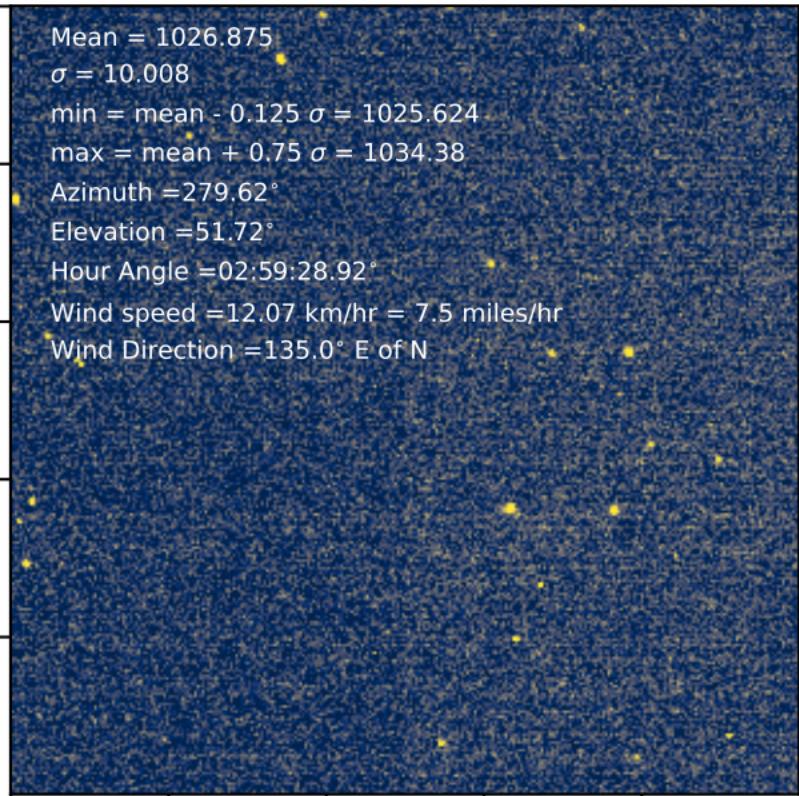
0

200

400

600

800



0

Mean = 1060.855

σ = 12.088

min = mean - 0.125 σ = 1059.344

max = mean + 0.75 σ = 1069.921

Azimuth = 279.69°

Elevation = 51.56°

Hour Angle = 03:00:15.04°

Wind speed = 6.76 km/hr = 4.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

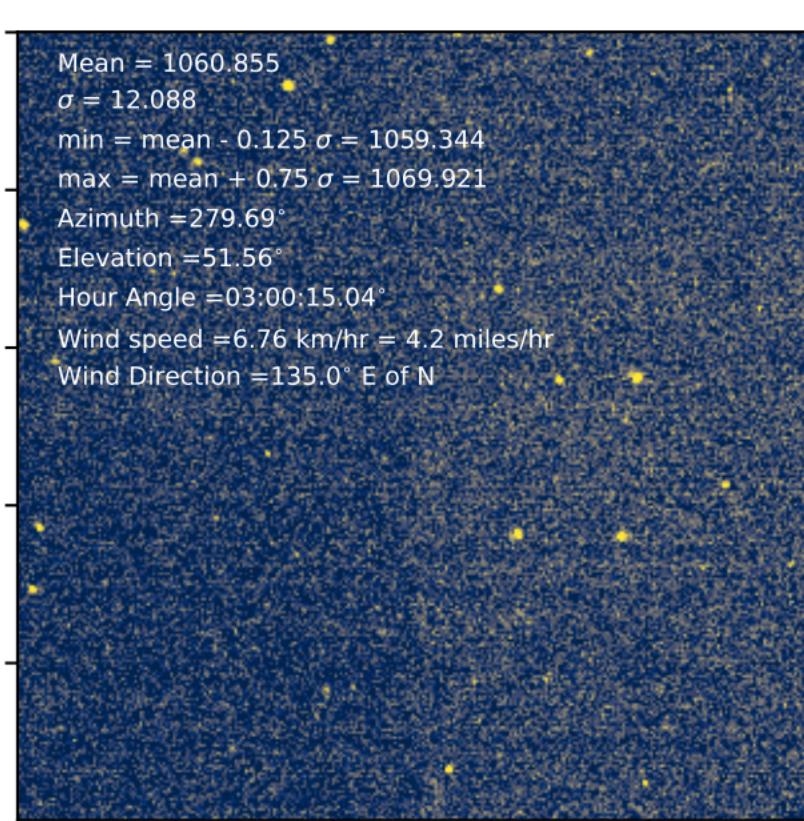
0

200

400

600

800



0

Mean = 1060.709

σ = 12.454

min = mean - 0.125 σ = 1059.153

200

max = mean + 0.75 σ = 1070.05

Azimuth = 279.75°

Elevation = 51.41°

Hour Angle = 03:00:59.16°

400

Wind speed = 6.76 km/hr = 4.2 miles/hr

Wind Direction = 135.0° E of N

600

800

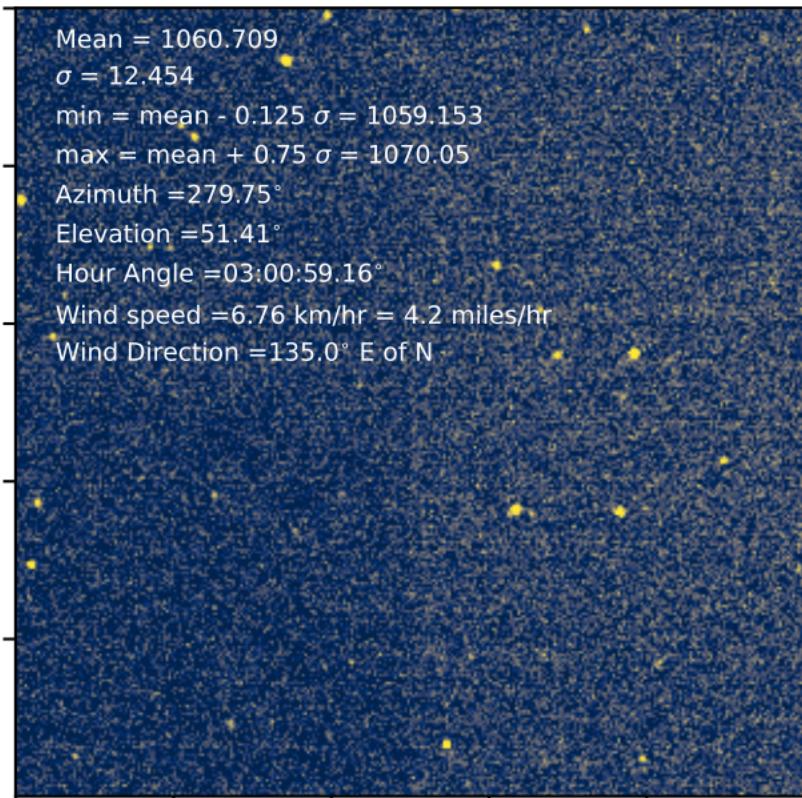
0

200

400

600

800



0

Mean = 1041.107

σ = 13.448

min = mean - 0.125 σ = 1039.426

max = mean + 0.75 σ = 1051.193

Azimuth = 279.82°

Elevation = 51.23°

Hour Angle = 03:01:49.30°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

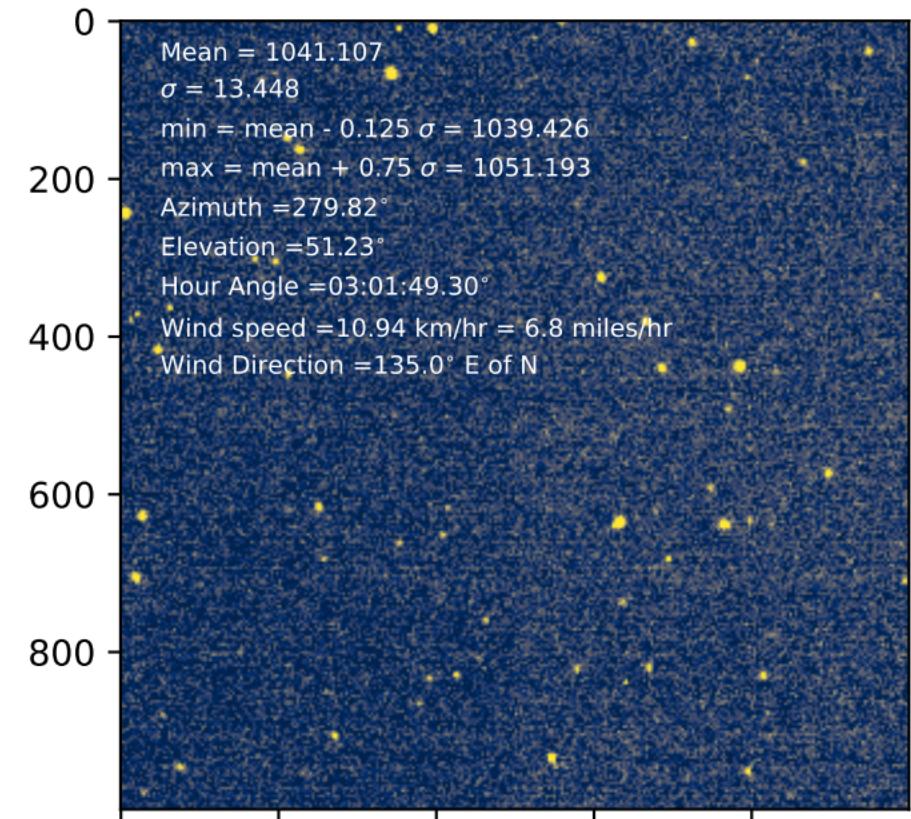
0

200

400

600

800



0

Mean = 1027.172

σ = 14.336

min = mean - 0.125 σ = 1025.38

max = mean + 0.75 σ = 1037.924

Azimuth = 279.89°

Elevation = 51.07°

Hour Angle = 03:02:35.43°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

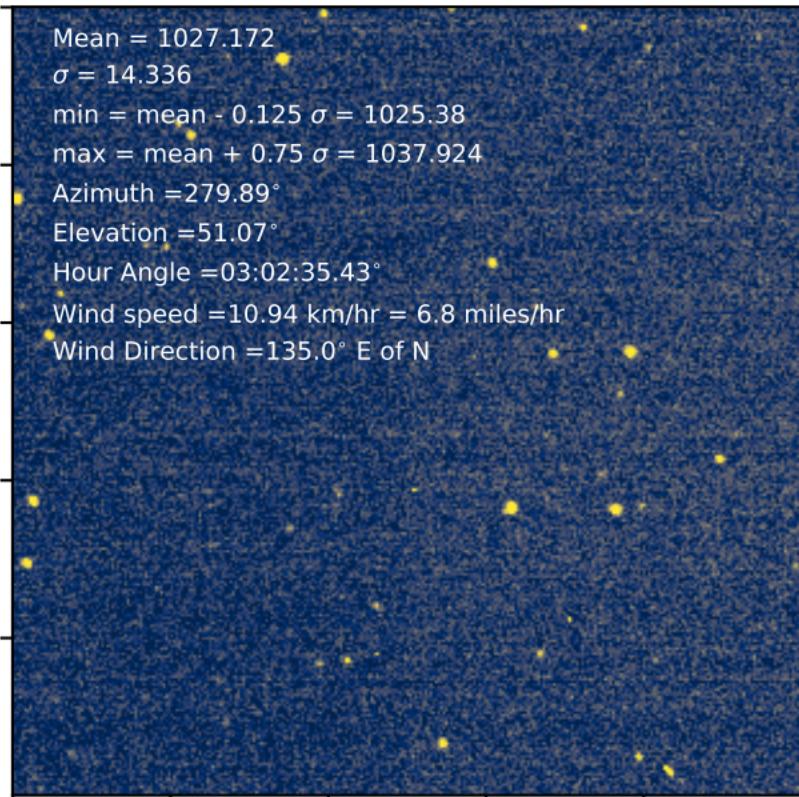
0

200

400

600

800



0

Mean = 1059.081

σ = 17.613

min = mean - 0.125 σ = 1056.879

max = mean + 0.75 σ = 1072.291

Azimuth = 279.95°

Elevation = 50.91°

Hour Angle = 03:03:20.55°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1052.337

σ = 26.957

min = mean - 0.125 σ = 1048.968

max = mean + 0.75 σ = 1072.555

Azimuth = 280.02°

Elevation = 50.76°

Hour Angle = 03:04:05.67°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1041.695

σ = 28.226

min = mean - 0.125 σ = 1038.167

max = mean + 0.75 σ = 1062.865

Azimuth = 280.09°

Elevation = 50.58°

Hour Angle = 03:04:56.81°

Wind speed = 7.08 km/hr = 4.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

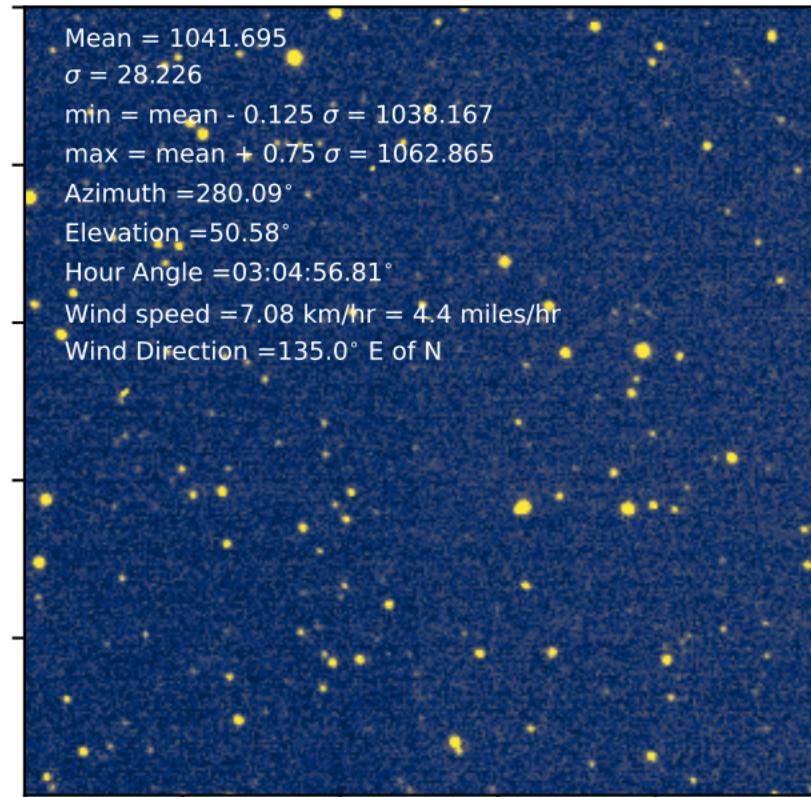
0

200

400

600

800



0

Mean = 1023.241

σ = 33.830

min = mean - 0.125 σ = 1019.012

max = mean + 0.75 σ = 1048.613

Azimuth = 280.16°

Elevation = 50.42°

Hour Angle = 03:05:42.94°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

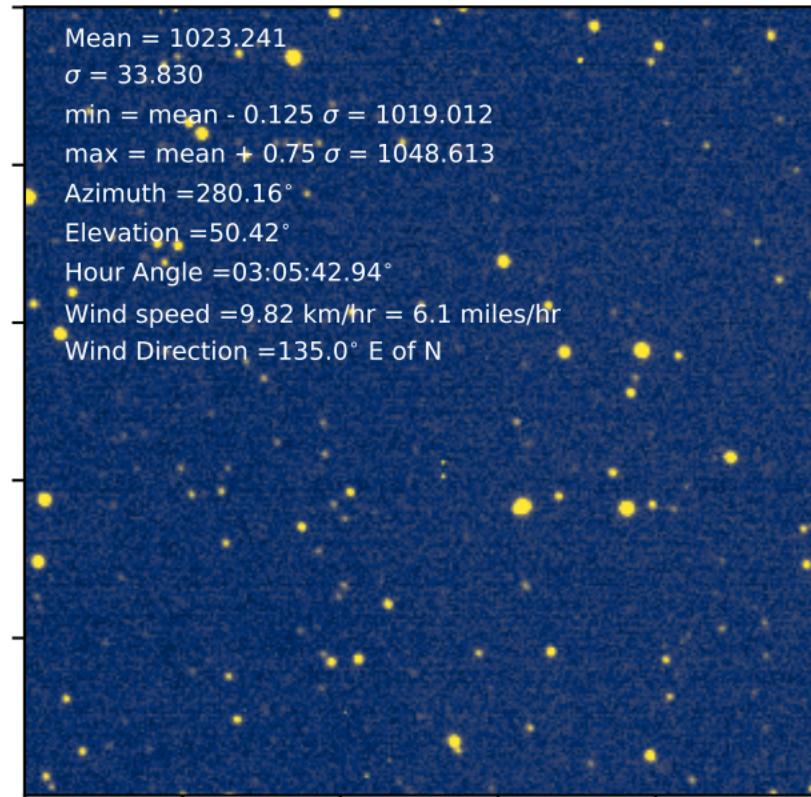
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200

400

600

800



0

Mean = 1043.595

σ = 37.937

min = mean - 0.125 σ = 1038.853

max = mean + 0.75 σ = 1072.048

Azimuth = 280.22°

Elevation = 50.26°

Hour Angle = 03:06:28.06°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

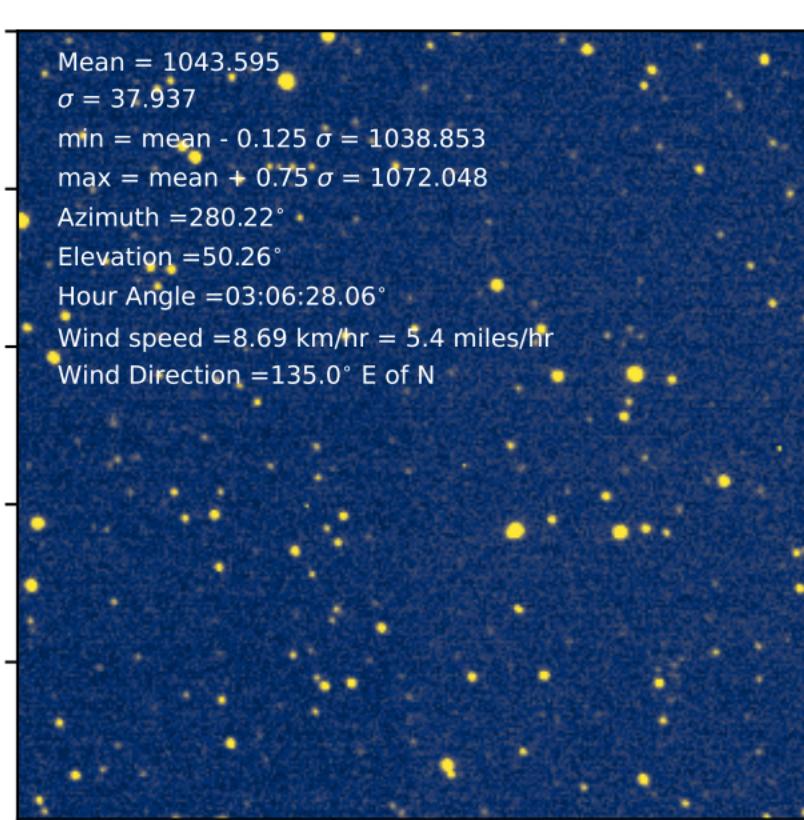
0

200

400

600

800



0

Mean = 1041.664

σ = 32.877

min = mean - 0.125 σ = 1037.554

max = mean + 0.75 σ = 1066.321

Azimuth = 280.29°

Elevation = 50.08°

Hour Angle = 03:07:19.20°

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

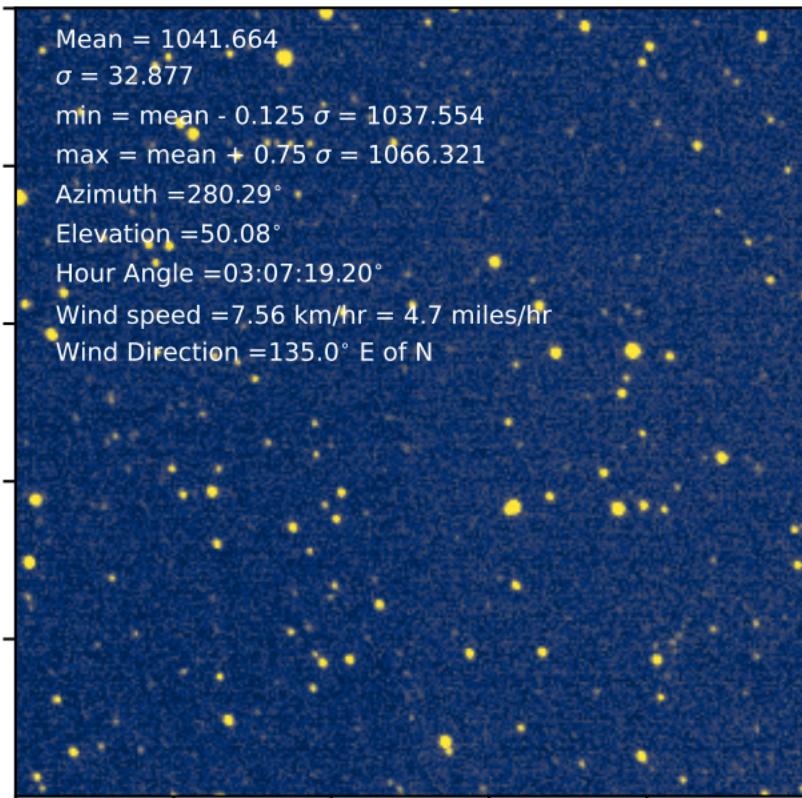
0

200

400

600

800



0

Mean = 1023.557

σ = 30.637

min = mean - 0.125 σ = 1019.728

max = mean + 0.75 σ = 1046.535

Azimuth = 280.36°

Elevation = 49.92°

Hour Angle = 03:08:05.33°

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1045.980

σ = 33.824

min = mean - 0.125 σ = 1041.752

max = mean + 0.75 σ = 1071.349

Azimuth = 280.42°

Elevation = 49.76°

Hour Angle = $03:08:50.45^{\circ}$

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

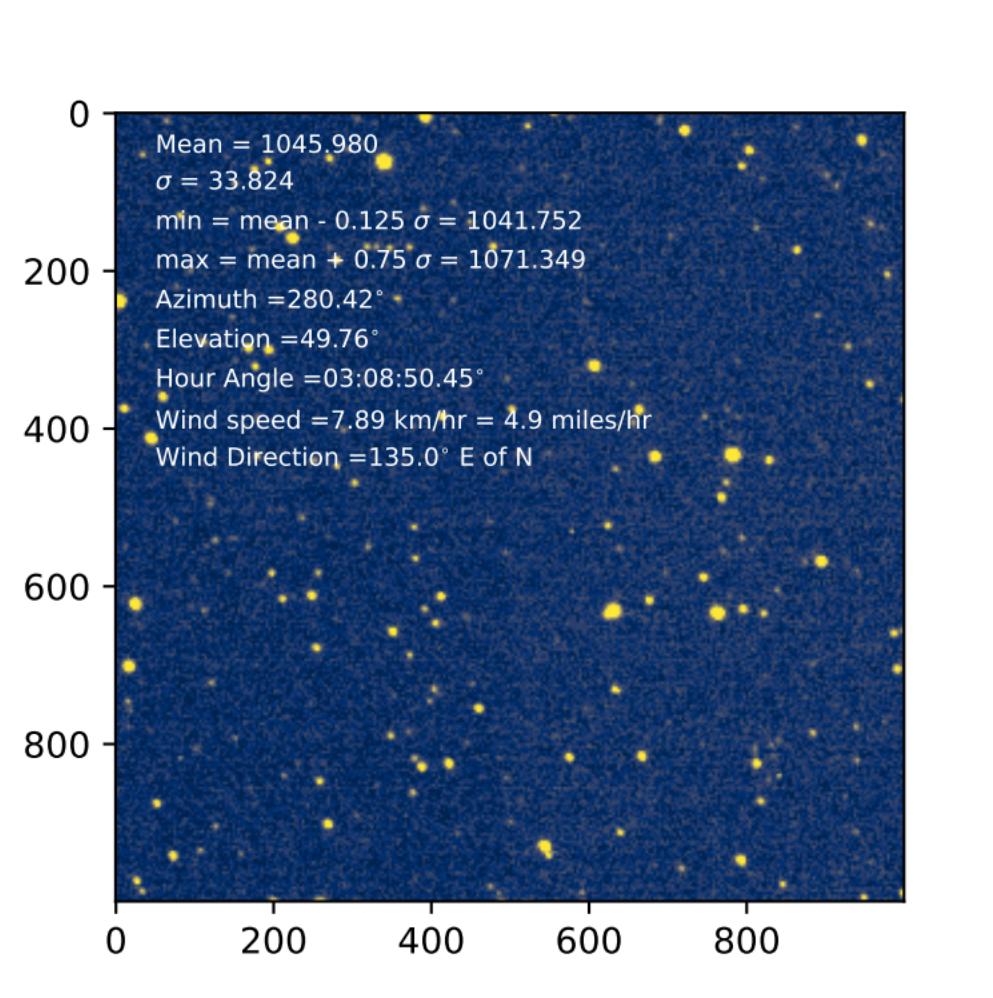
0

200

400

600

800



0

Mean = 1045.722

σ = 34.964

min = mean - 0.125 σ = 1041.352

max = mean + 0.75 σ = 1071.945

Azimuth = 280.49°

Elevation = 49.61°

Hour Angle = 03:09:35.57°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

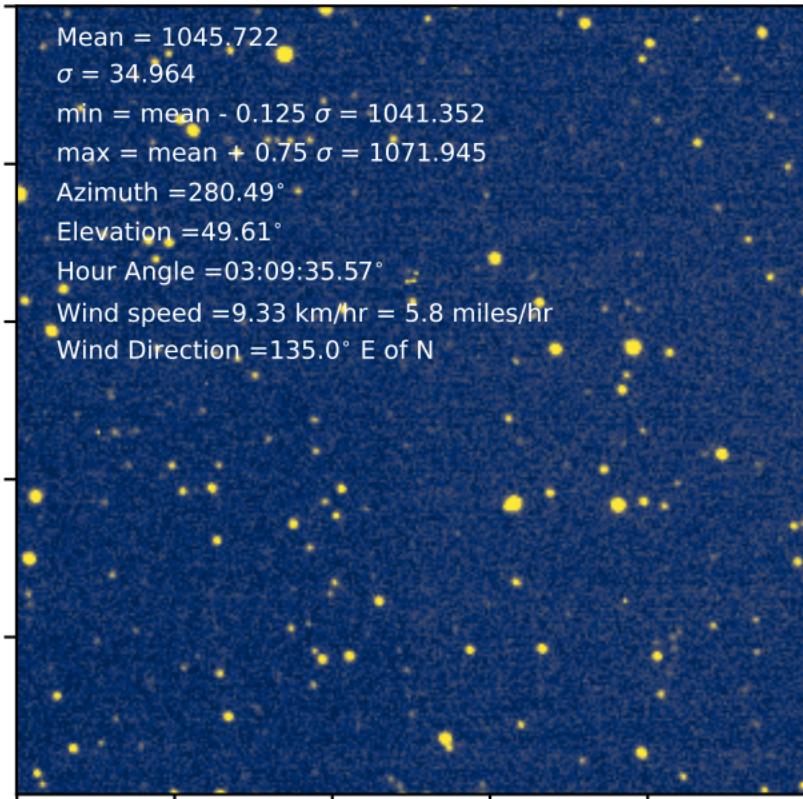
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200

400

600

800



0

Mean = 1041.967

σ = 33.734

min = mean - 0.125 σ = 1037.75

max = mean + 0.75 σ = 1067.267

Azimuth = 280.56°

Elevation = 49.43°

Hour Angle = 03:10:26.71°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

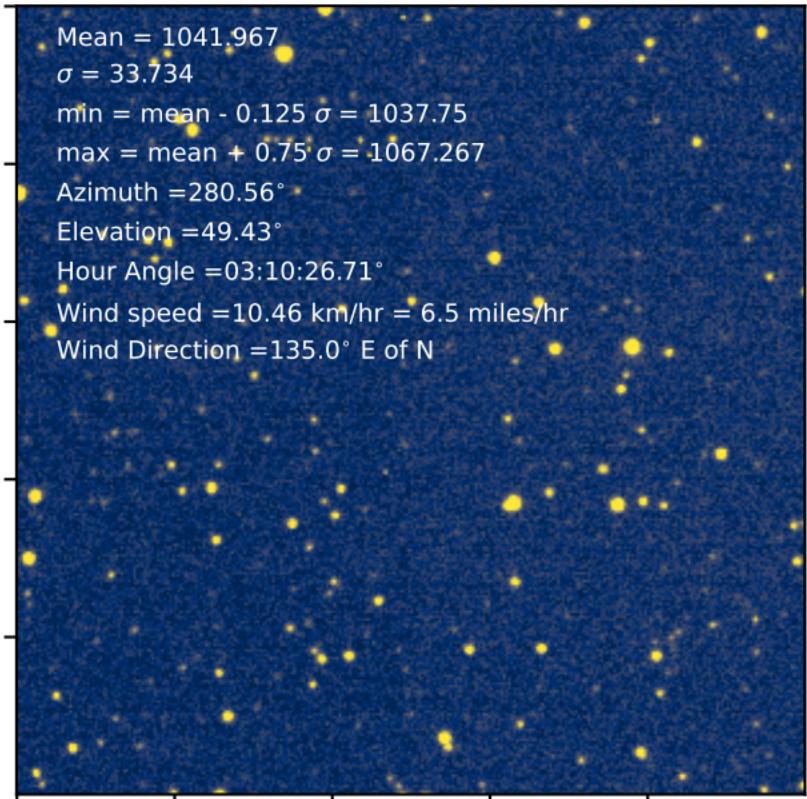
0

200

400

600

800



0

Mean = 1022.569

σ = 41.251

min = mean - 0.125 σ = 1017.413

max = mean + 0.75 σ = 1053.508

Azimuth = 280.63°

Elevation = 49.27°

Hour Angle = 03:11:12.84°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

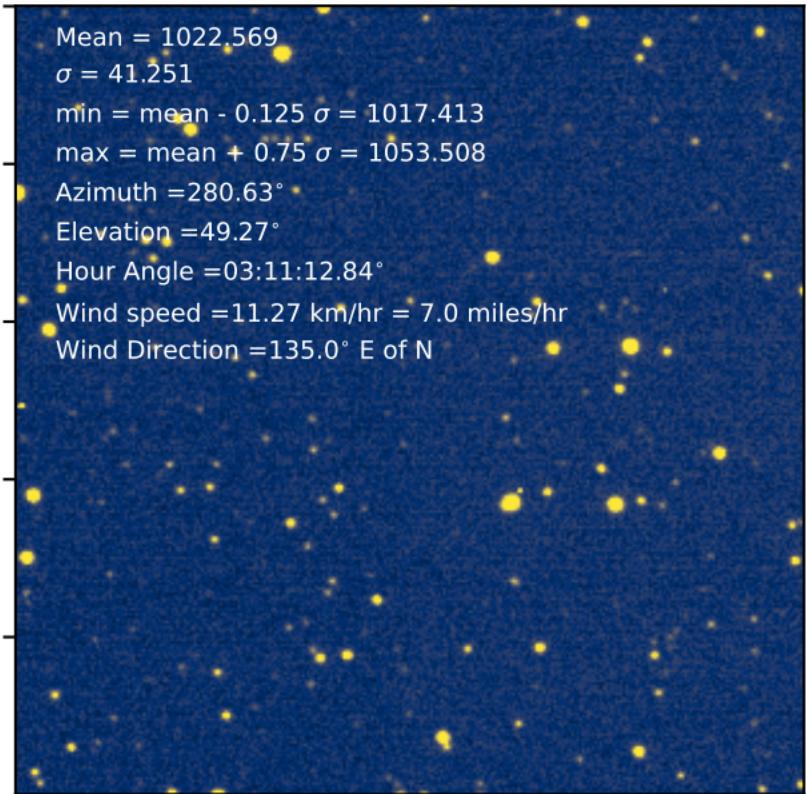
0

200

400

600

800



0

Mean = 1040.805

σ = 49.876

min = mean - 0.125 σ = 1034.571

max = mean + 0.75 σ = 1078.212

Azimuth = 280.69°

Elevation = 49.11°

Hour Angle = 03:11:57.96°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

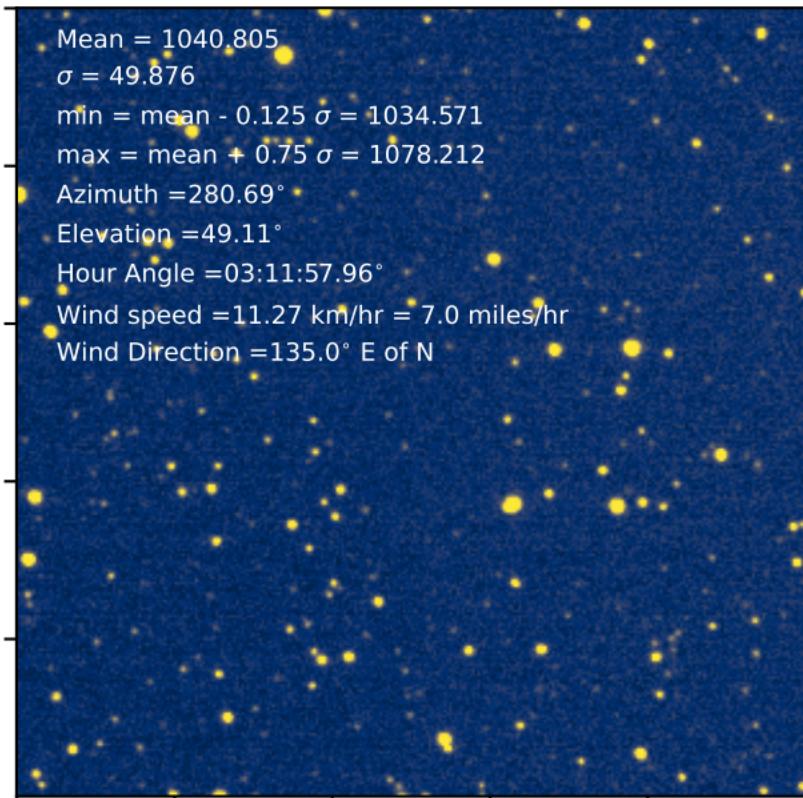
0

200

400

600

800



0

Mean = 1042.190

σ = 42.262

min = mean - 0.125 σ = 1036.907

max = mean + 0.75 σ = 1073.887

Azimuth = 280.76°

Elevation = 48.93°

Hour Angle = 03:12:49.10°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

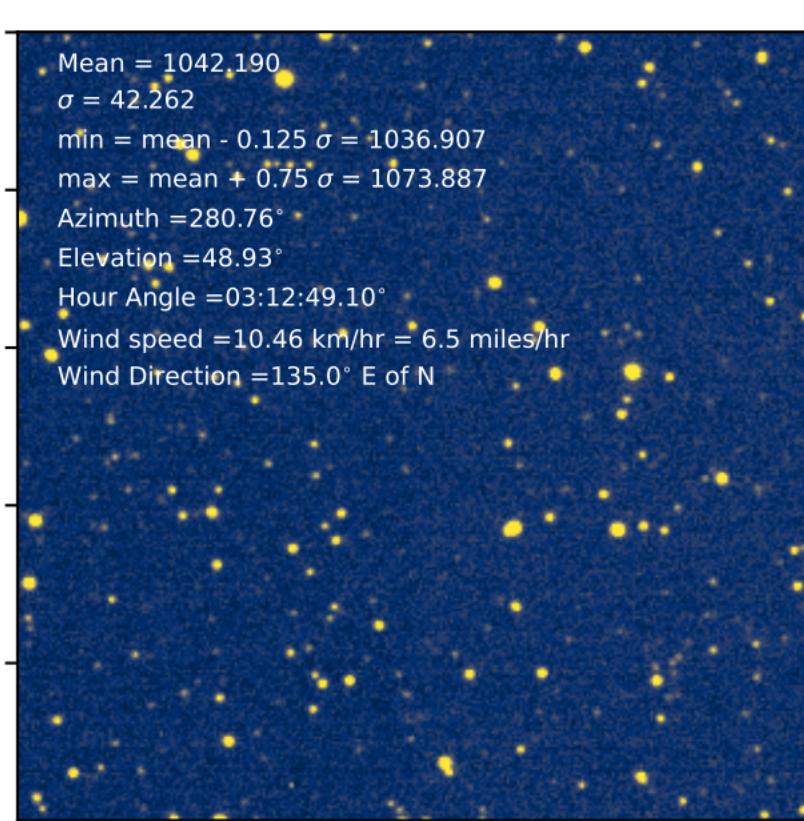
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200

400

600

800



0

Mean = 1022.455

σ = 40.666

min = mean - 0.125 σ = 1017.372

max = mean + 0.75 σ = 1052.955

Azimuth = 280.83°

Elevation = 48.77°

Hour Angle = 03:13:35.23°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

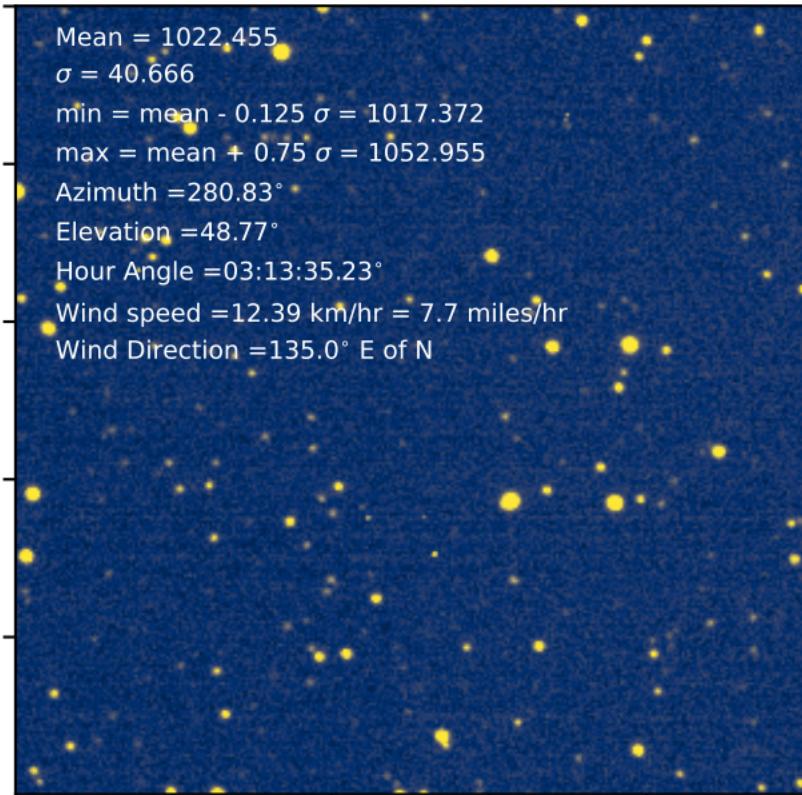
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1042.126

σ = 44.984

min = mean - 0.125 σ = 1036.503

max = mean + 0.75 σ = 1075.864

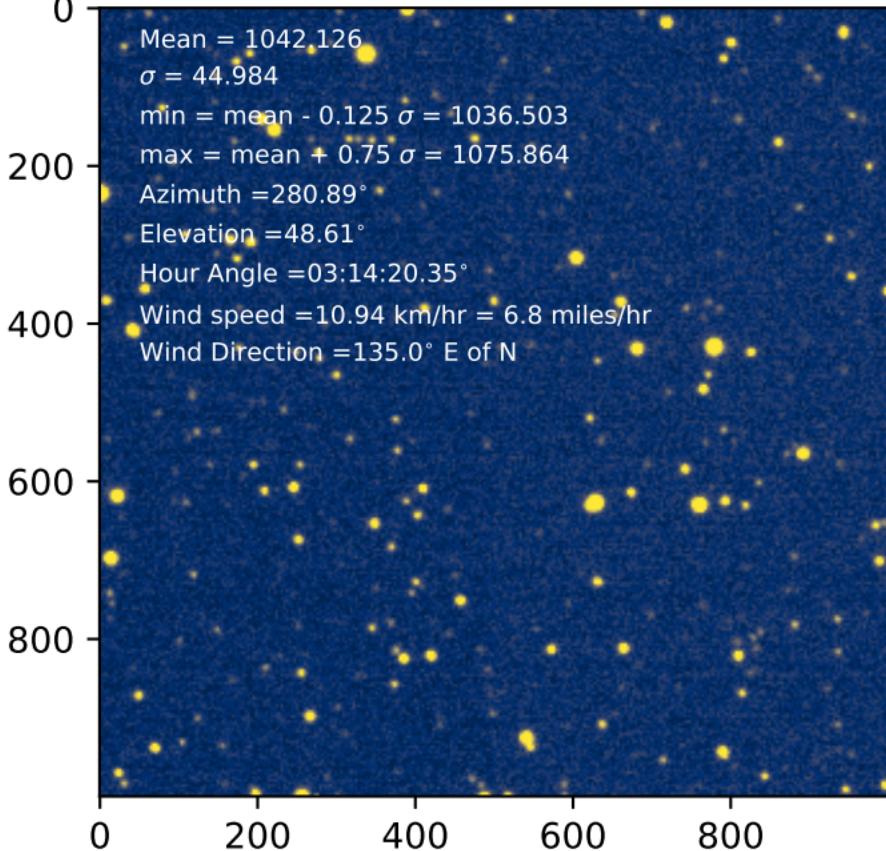
Azimuth = 280.89°

Elevation = 48.61°

Hour Angle = 03:14:20.35°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1042.511

σ = 44.208

min = mean - 0.125 σ = 1036.985

max = mean + 0.75 σ = 1075.667

Azimuth = 280.96°

Elevation = 48.46°

Hour Angle = 03:15:04.47°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1022.413

σ = 42.015

min = mean - 0.125 σ = 1017.162

max = mean + 0.75 σ = 1053.925

Azimuth = 281.04°

Elevation = 48.26°

Hour Angle = 03:16:00.62°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1041.538

σ = 49.396

min = mean - 0.125 σ = 1035.363

max = mean + 0.75 σ = 1078.585

Azimuth = 281.1°

Elevation = 48.11°

Hour Angle = 03:16:45.75°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1043.067

σ = 44.532

min = mean - 0.125 σ = 1037.501

max = mean + 0.75 σ = 1076.466

Azimuth = 281.17°

Elevation = 47.93°

Hour Angle = 03:17:36.89°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

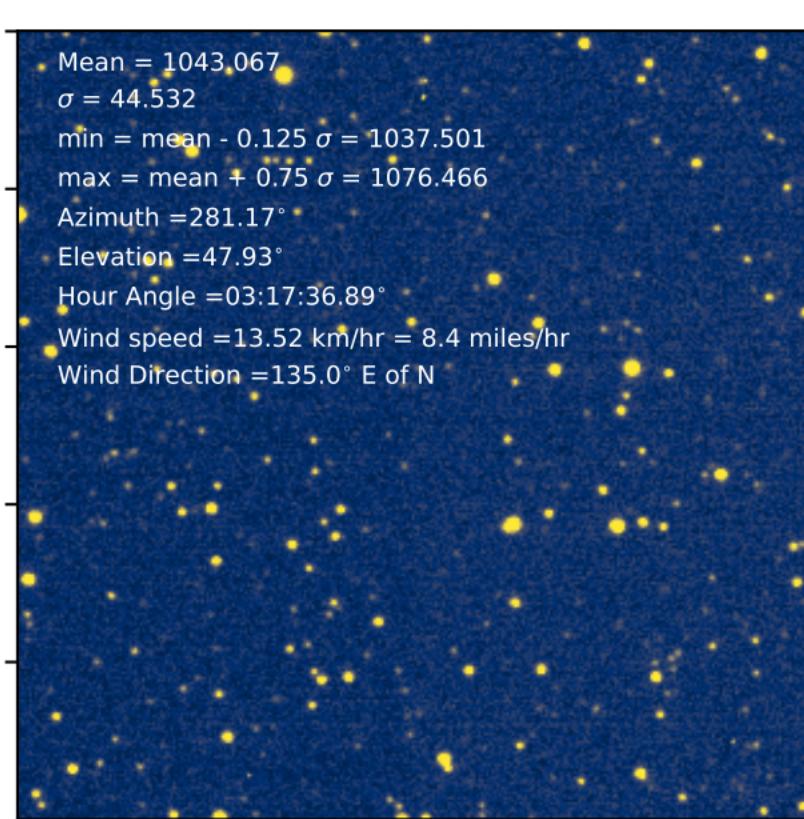
0

200

400

600

800



0

Mean = 1022.011

σ = 45.131

min = mean - 0.125 σ = 1016.37

max = mean + 0.75 σ = 1055.86

Azimuth = 281.24°

Elevation = 47.77°

Hour Angle = 03:18:23.01°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

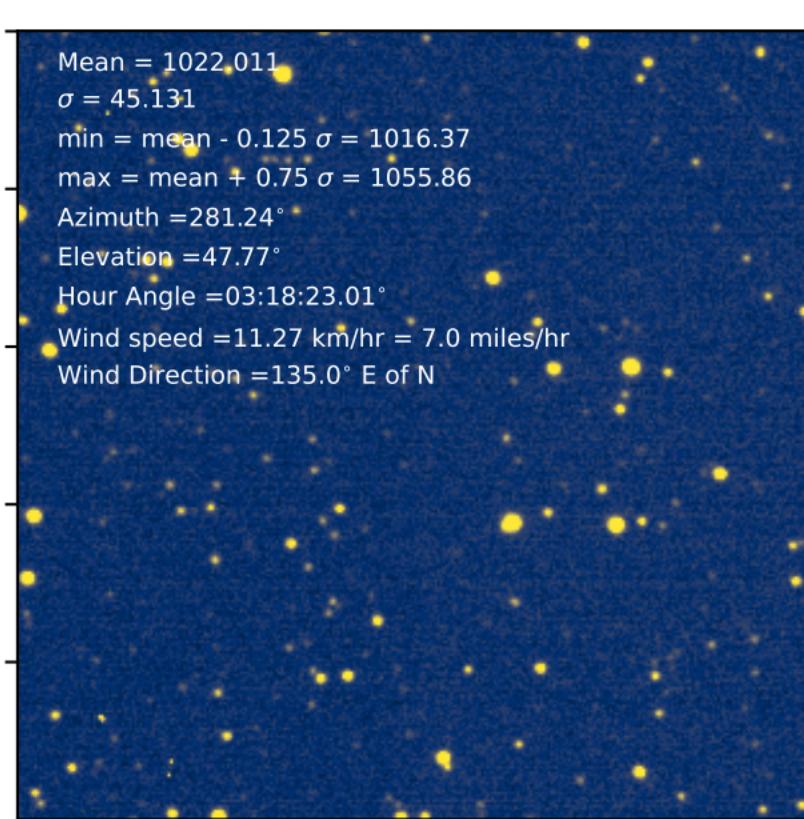
0

200

400

600

800



0

Mean = 1039.601

σ = 55.088

min = mean - 0.125 σ = 1032.715

max = mean + 0.75 σ = 1080.917

Azimuth = 281.31°

Elevation = 47.61°

Hour Angle = 03:19:09.14°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

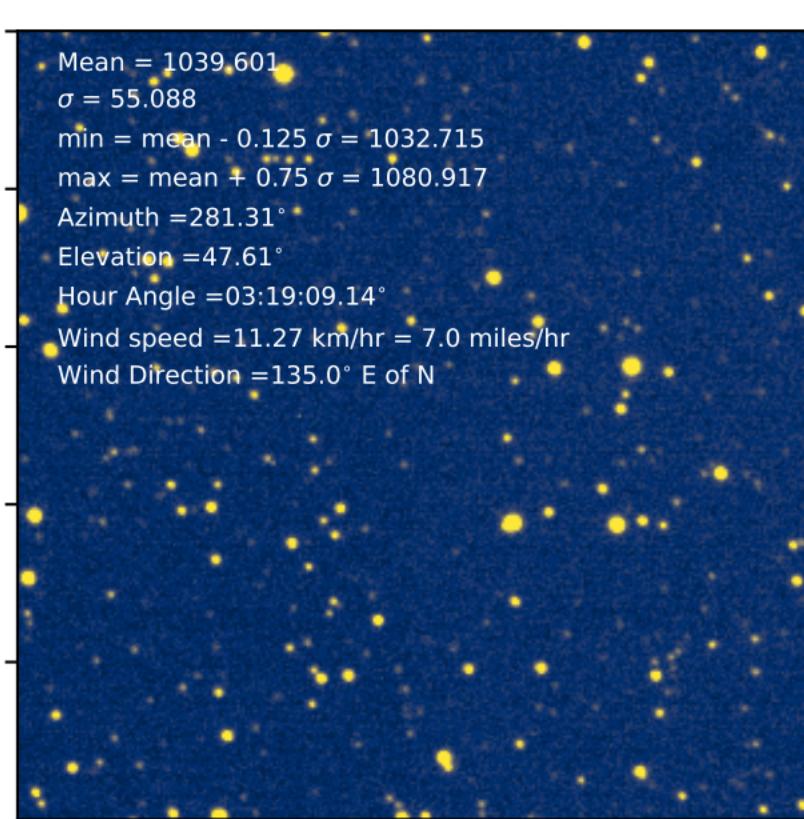
0

200

400

600

800



0

Mean = 1043.892

σ = 37.794

min = mean - 0.125 σ = 1039.168

max = mean + 0.75 σ = 1072.238

Azimuth = 281.38°

Elevation = 47.42°

Hour Angle = 03:20:03.29°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

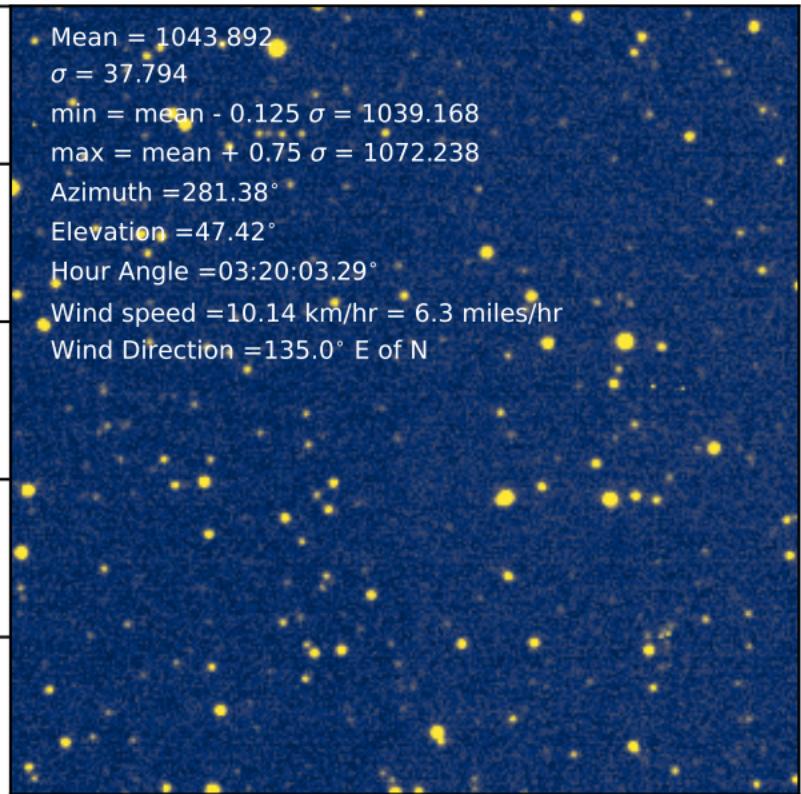
0

200

400

600

800



0

Mean = 1022.309

σ = 40.521

min = mean - 0.125 σ = 1017.244

max = mean + 0.75 σ = 1052.7

Azimuth = 281.45°

Elevation = 47.26°

Hour Angle = 03:20:49.41°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

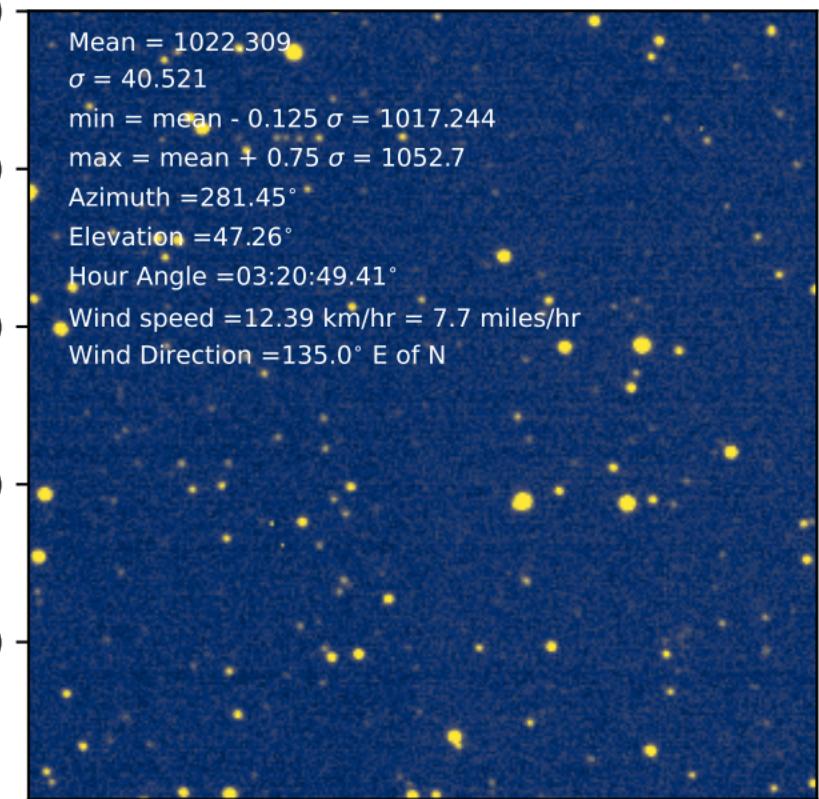
0

200

400

600

800



0

200

400

600

800

0

200

400

600

800

Mean = 1040.614

σ = 53.105

min = mean - 0.125 σ = 1033.976

max = mean + 0.75 σ = 1080.443

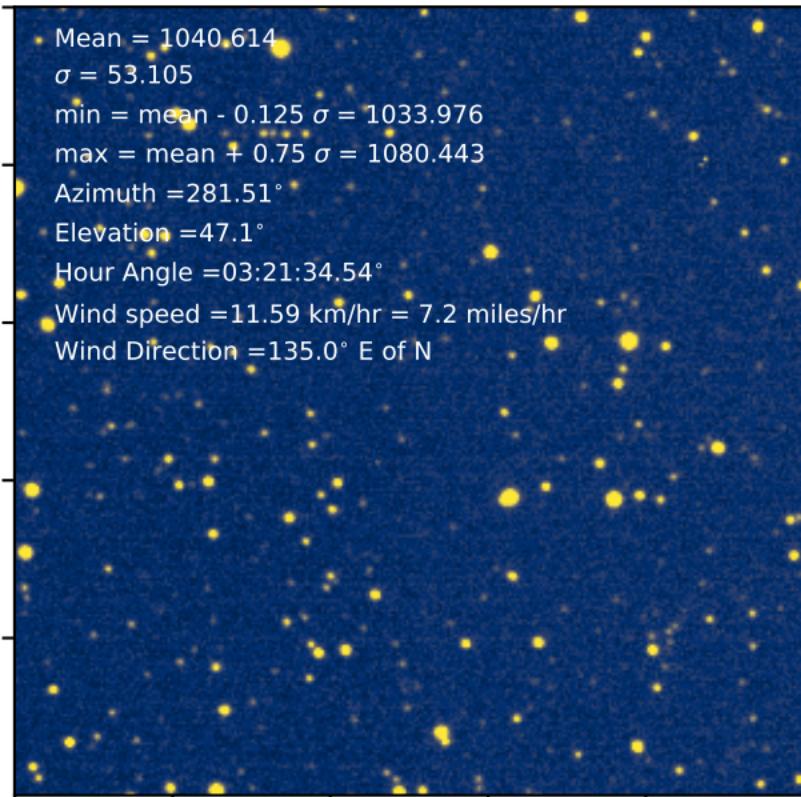
Azimuth = 281.51°

Elevation = 47.1°

Hour Angle = 03:21:34.54°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N



0

Mean = 1043.740

σ = 22.695

min = mean - 0.125 σ = 1040.903

max = mean + 0.75 σ = 1060.761

Azimuth = 281.59°

Elevation = 46.92°

Hour Angle = 03:22:26.68°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1051.365

σ = 24.261

min = mean - 0.125 σ = 1048.333

max = mean + 0.75 σ = 1069.561

Azimuth = 281.66°

Elevation = 46.75°

Hour Angle = 03:23:15.81°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

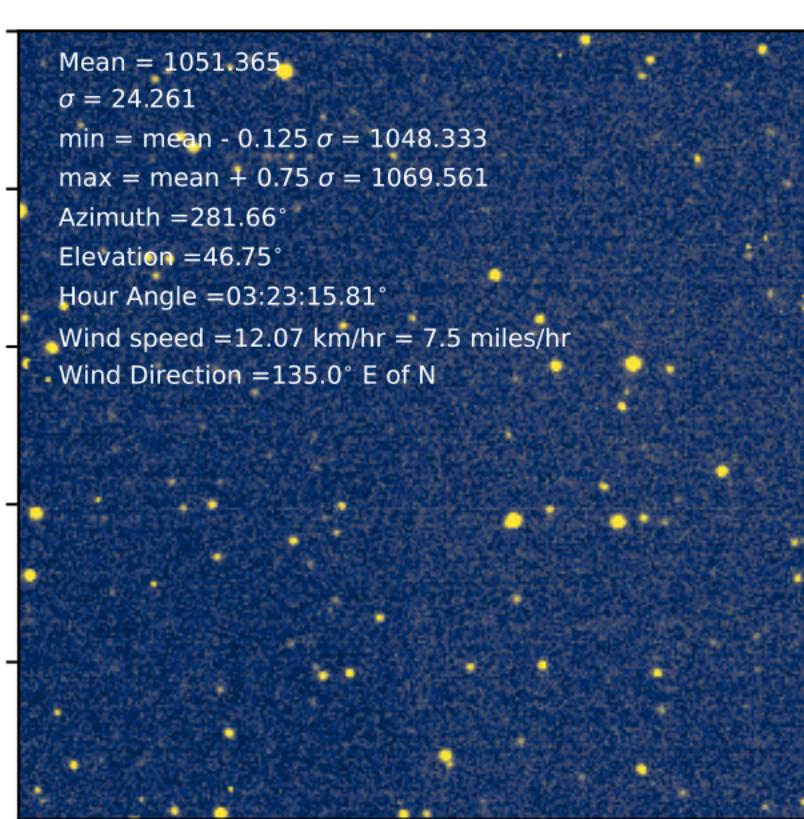
0

200

400

600

800



0

Mean = 1052.810

σ = 21.755

min = mean - 0.125 σ = 1050.091

max = mean + 0.75 σ = 1069.126

Azimuth = 281.72°

Elevation = 46.6°

Hour Angle = 03:23:59.93°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

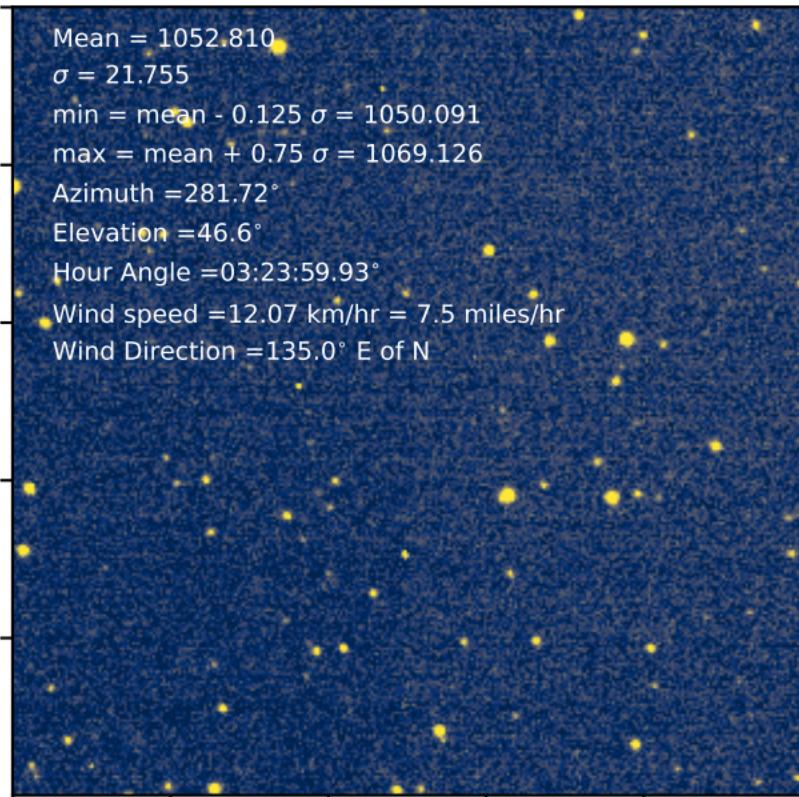
0

200

400

600

800



0

Mean = 1044.120

σ = 17.615

min = mean - 0.125 σ = 1041.918

max = mean + 0.75 σ = 1057.331

Azimuth = 281.79°

Elevation = 46.42°

Hour Angle = 03:24:51.07°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

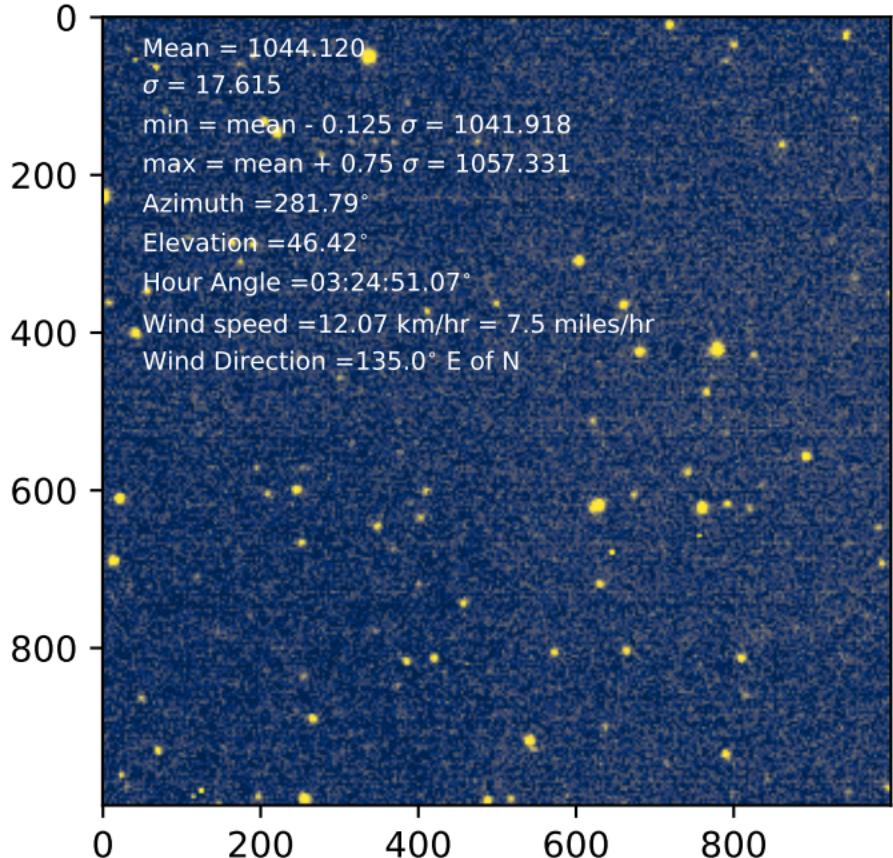
0

200

400

600

800



0

Mean = 1025.136

σ = 24.094

min = mean - 0.125 σ = 1022.124

max = mean + 0.75 σ = 1043.206

Azimuth = 281.86°

Elevation = 46.26°

Hour Angle = 03:25:37.20°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

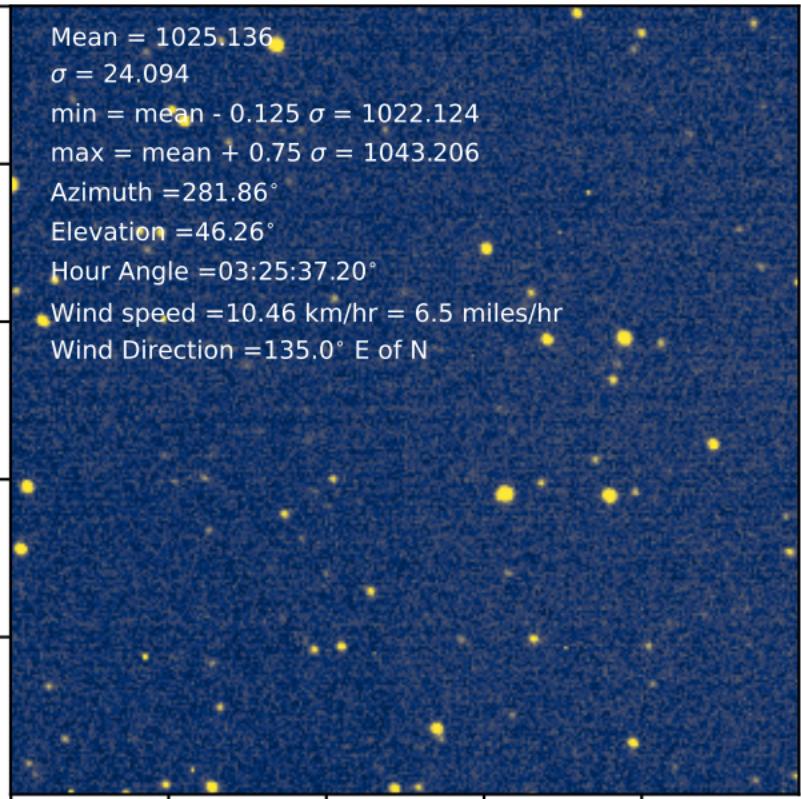
0

200

400

600

800



0

Mean = 1053.761

σ = 14.151

min = mean - 0.125 σ = 1051.993

max = mean + 0.75 σ = 1064.375

Azimuth = 281.92°

Elevation = 46.11°

Hour Angle = 03:26:22.32°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

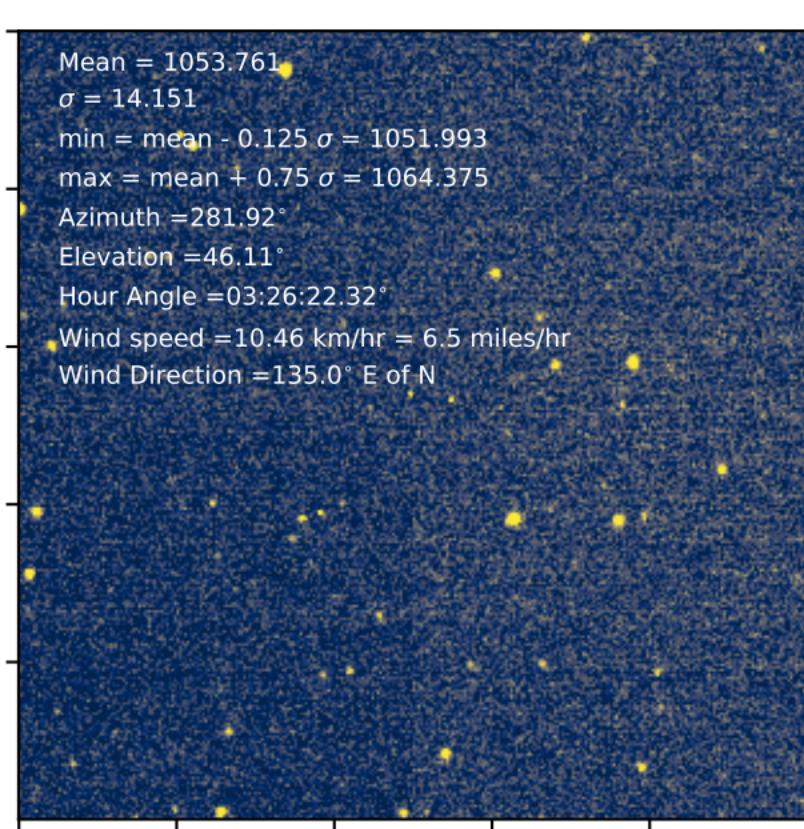
0

200

400

600

800



0

Mean = 1043.966

σ = 21.594

min = mean - 0.125 σ = 1041.266

max = mean + 0.75 σ = 1060.161

Azimuth = 282.0°

Elevation = 45.92°

Hour Angle = 03:27:14.46°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

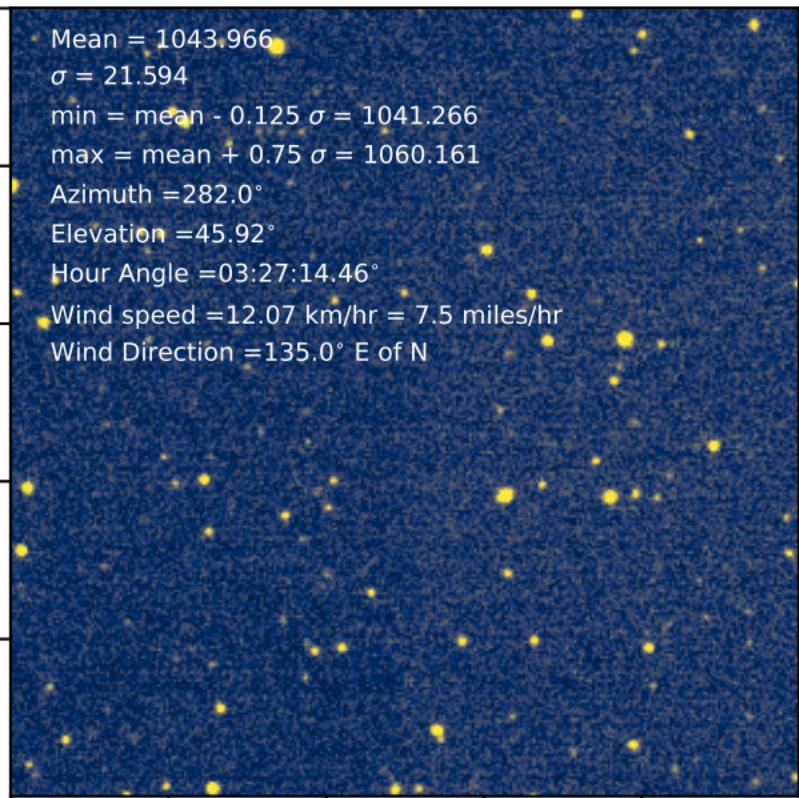
0

200

400

600

800



0

Mean = 1052.304

σ = 14.635

min = mean - 0.125 σ = 1050.474

200

max = mean + 0.75 σ = 1063.28

Azimuth = 282.3°

Elevation = 45.19°

Hour Angle = 03:30:47.04°

400

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

600

0

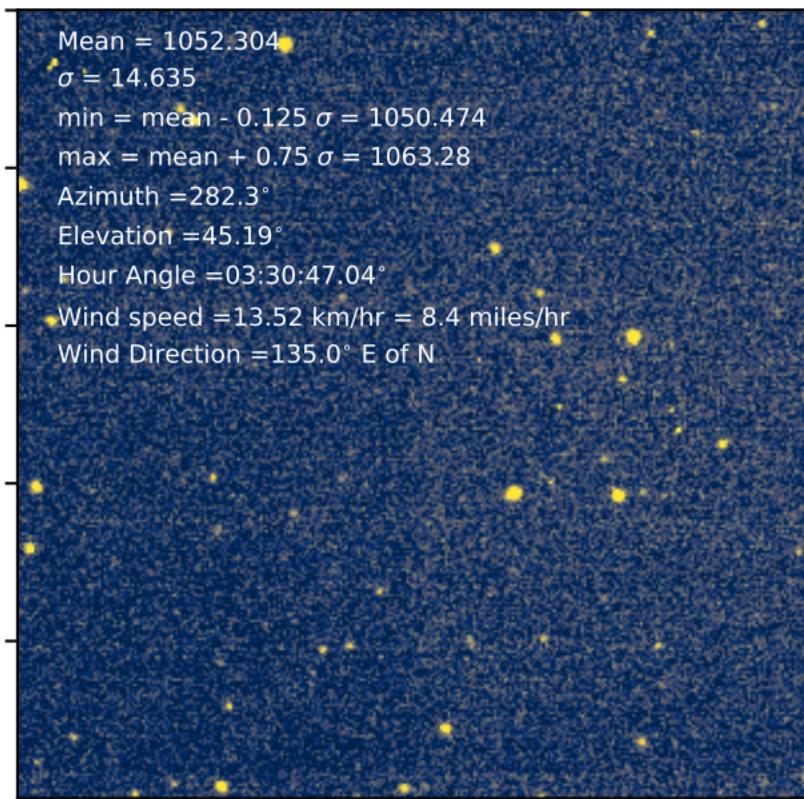
200

400

600

800

800



0

Mean = 1041.900

σ = 15.723

min = mean - 0.125 σ = 1039.934

max = mean + 0.75 σ = 1053.691

Azimuth = 282.38°

Elevation = 45.0°

Hour Angle = 03:31:40.19°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

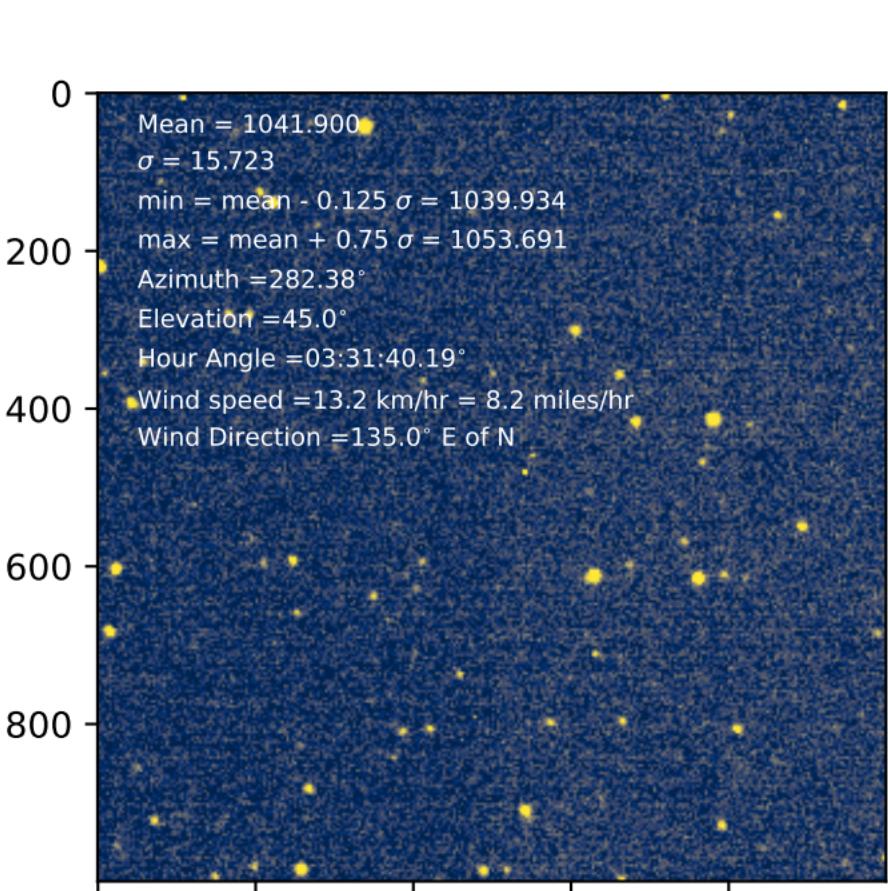
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200

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600

800



0

Mean = 1025.129

σ = 15.172

min = mean - 0.125 σ = 1023.232

max = mean + 0.75 σ = 1036.508

Azimuth = 282.44°

Elevation = 44.84°

Hour Angle = 03:32:26.32°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

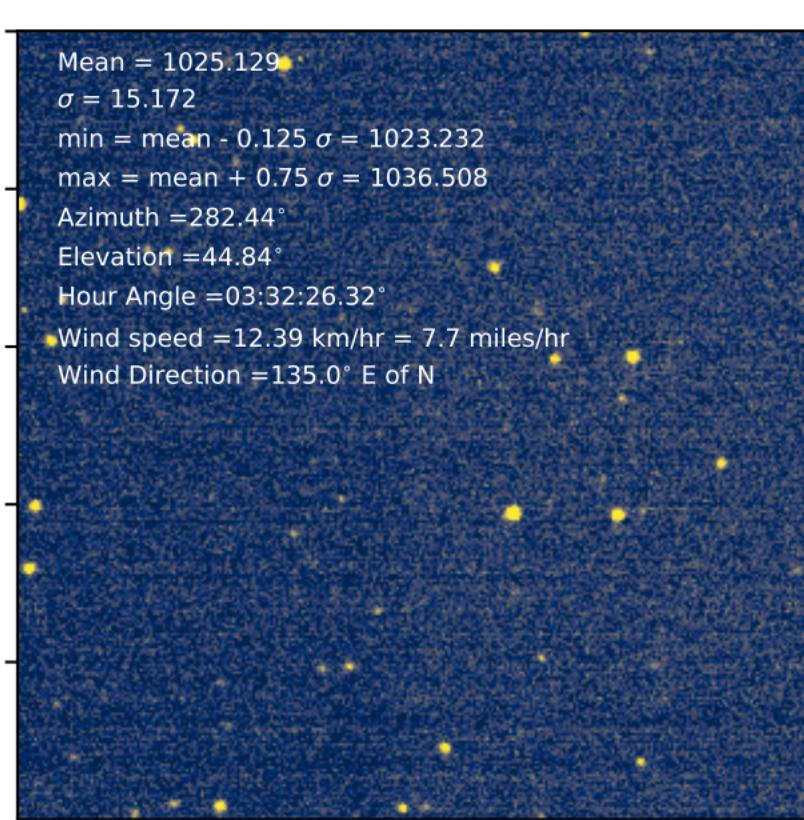
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200

400

600

800



0

Mean = 1054.796

σ = 11.933

min = mean - 0.125 σ = 1053.305

max = mean + 0.75 σ = 1063.746

Azimuth = 282.51°

Elevation = 44.69°

Hour Angle = 03:33:11.44°

200

400

600

800

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

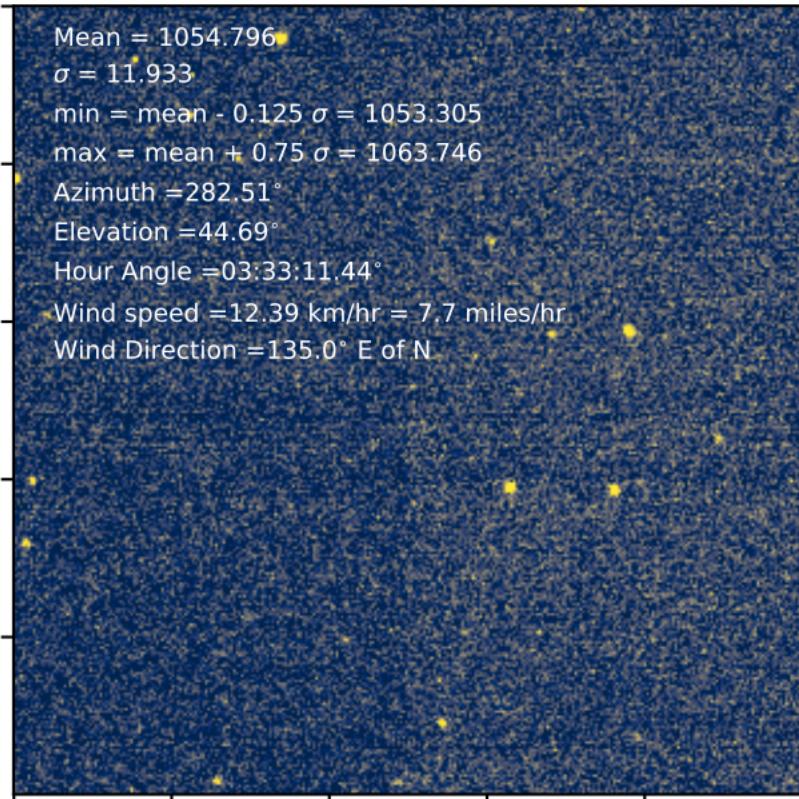
0

200

400

600

800



0

Mean = 1039.979

σ = 9.778

min = mean - 0.125 σ = 1038.757

200

max = mean + 0.75 σ = 1047.313

Azimuth = 282.59°

Elevation = 44.5°

Hour Angle = 03:34:05.59°

400

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

600

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600

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0

200

400

600

800

0

Mean = 1024.770

σ = 10.202

min = mean - 0.125 σ = 1023.495

max = mean + 0.75 σ = 1032.422

Azimuth = 282.65°

Elevation = 44.34°

Hour Angle = 03:34:51.71°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

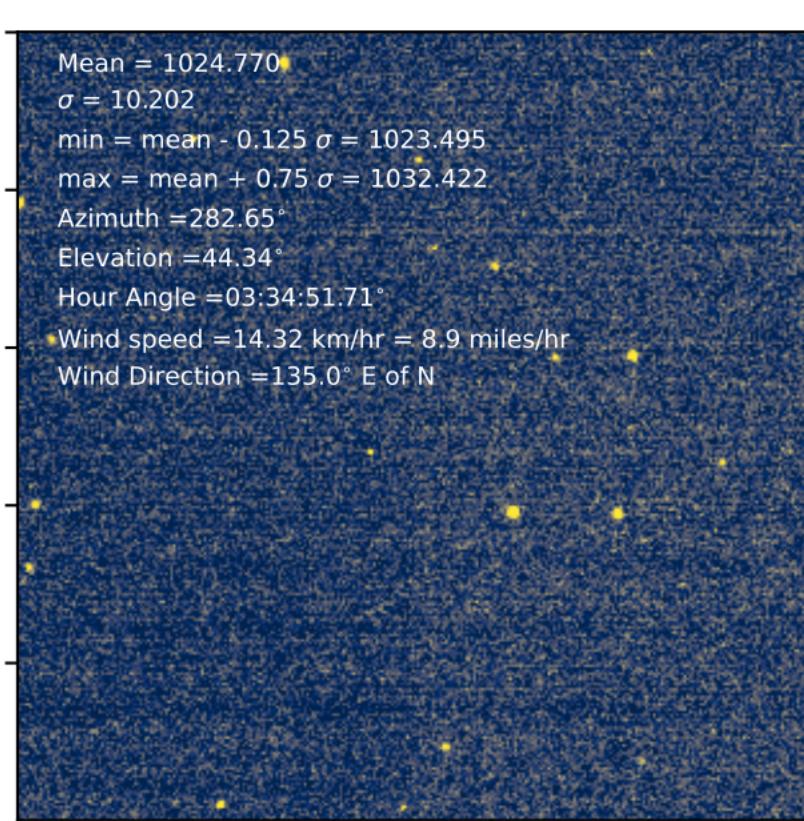
0

200

400

600

800



0

Mean = 1054.889

σ = 11.216

min = mean - 0.125 σ = 1053.487

200

max = mean + 0.75 σ = 1063.301

Azimuth = 282.72°

Elevation = 44.19°

Hour Angle = 03:35:36.84°

400

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

600

700

800

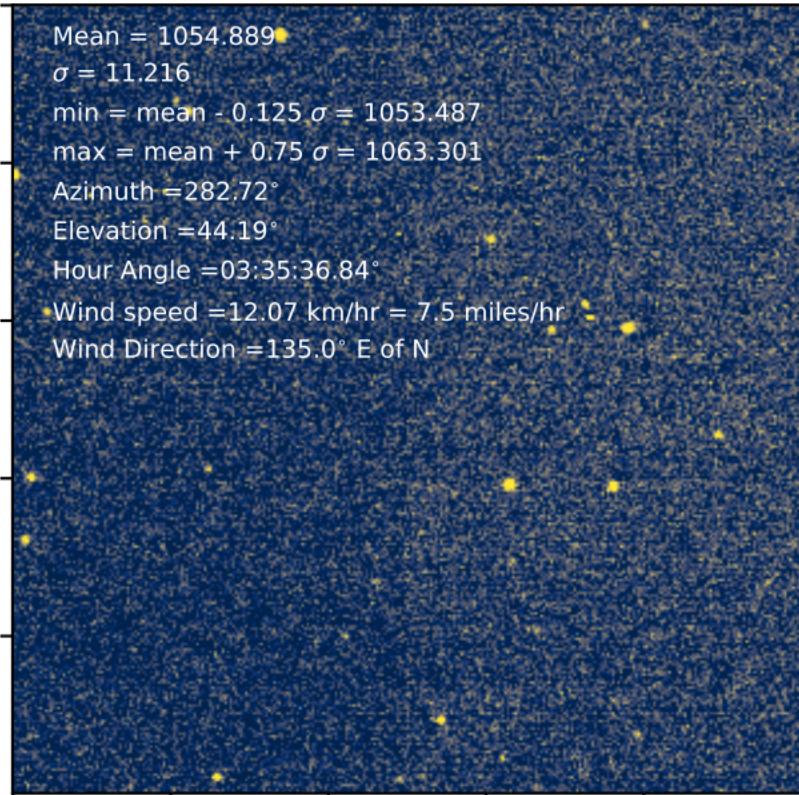
0

200

400

600

800



0

Mean = 1039.976

σ = 8.686

min = mean - 0.125 σ = 1038.89

200

max = mean + 0.75 σ = 1046.491

Azimuth = 282.79°

Elevation = 44.01°

Hour Angle = 03:36:27.98°

400

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

600

800

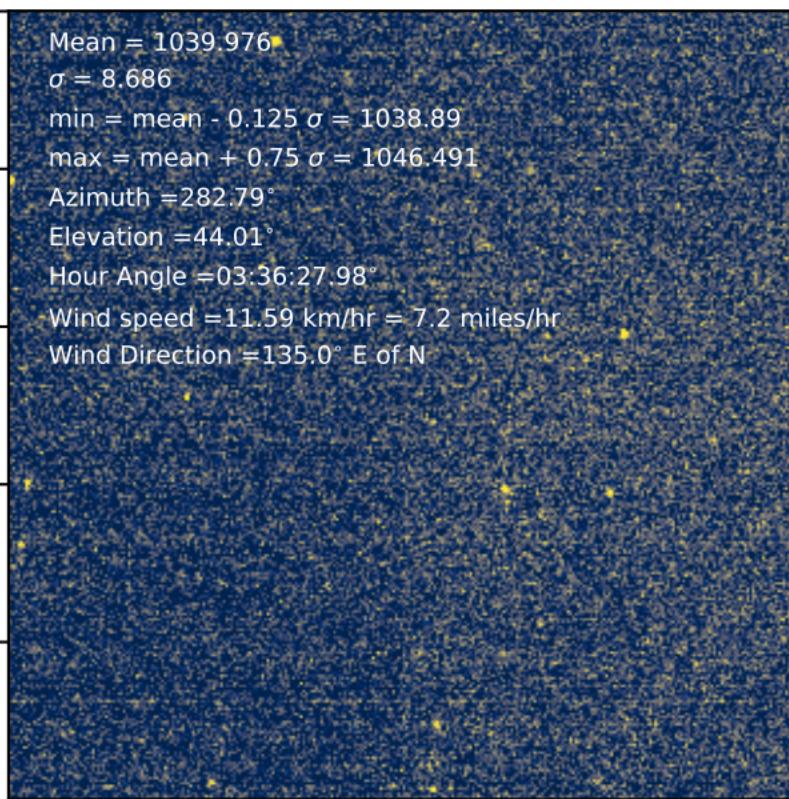
0

200

400

600

800



0

Mean = 1055.794

σ = 10.233

min = mean - 0.125 σ = 1054.515

max = mean + 0.75 σ = 1063.469

Azimuth = 282.89°

Elevation = 43.77°

Hour Angle = 03:37:37.16°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

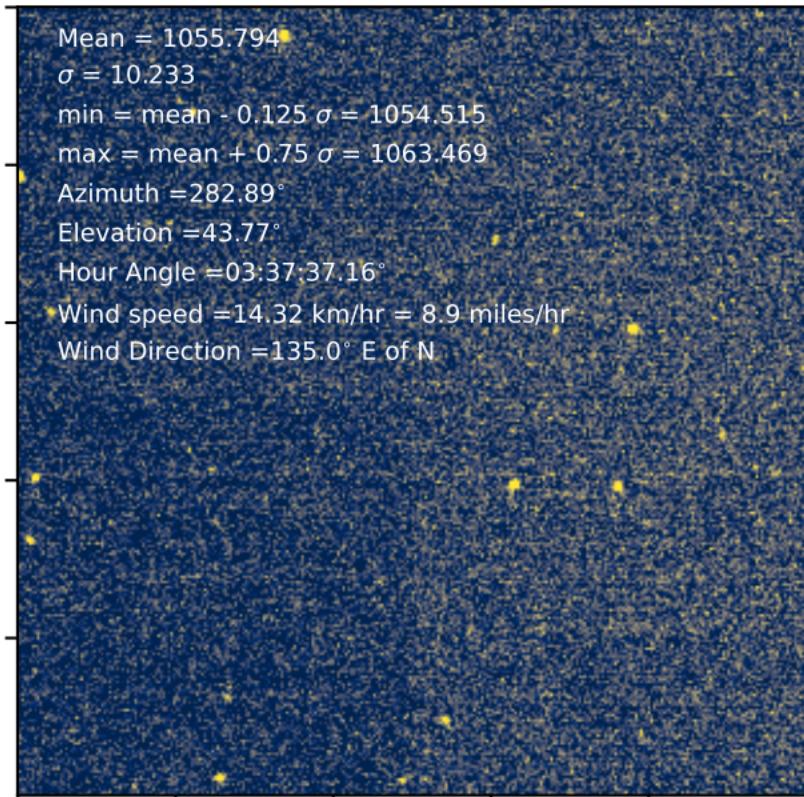
0

200

400

600

800



0

Mean = 1055.300

σ = 10.248

min = mean - 0.125 σ = 1054.019

max = mean + 0.75 σ = 1062.985

Azimuth = 282.95°

Elevation = 43.62°

Hour Angle = 03:38:21.29°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1040.428

σ = 8.855

min = mean - 0.125 σ = 1039.321

max = mean + 0.75 σ = 1047.069

Azimuth = 283.03°

Elevation = 43.43°

Hour Angle = 03:39:14.43°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1057.180°

σ = 9.890

min = mean - 0.125 σ = 1055.944

max = mean + 0.75 σ = 1064.597

Azimuth = 283.1°

Elevation = 43.25°

Hour Angle = 03:40:07.58°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

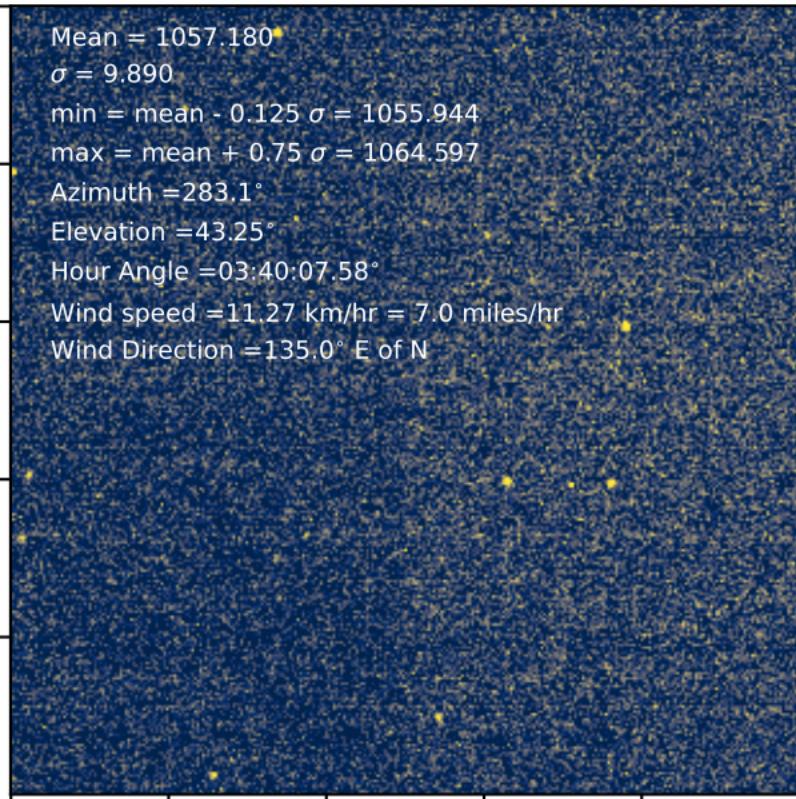
0

200

400

600

800



0

Mean = 1039.000

σ = 8.590

min = mean - 0.125 σ = 1037.926

200

max = mean + 0.75 σ = 1045.442

Azimuth = 283.19°

Elevation = 43.04°

Hour Angle = 03:41:08.74°

400

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

600

800

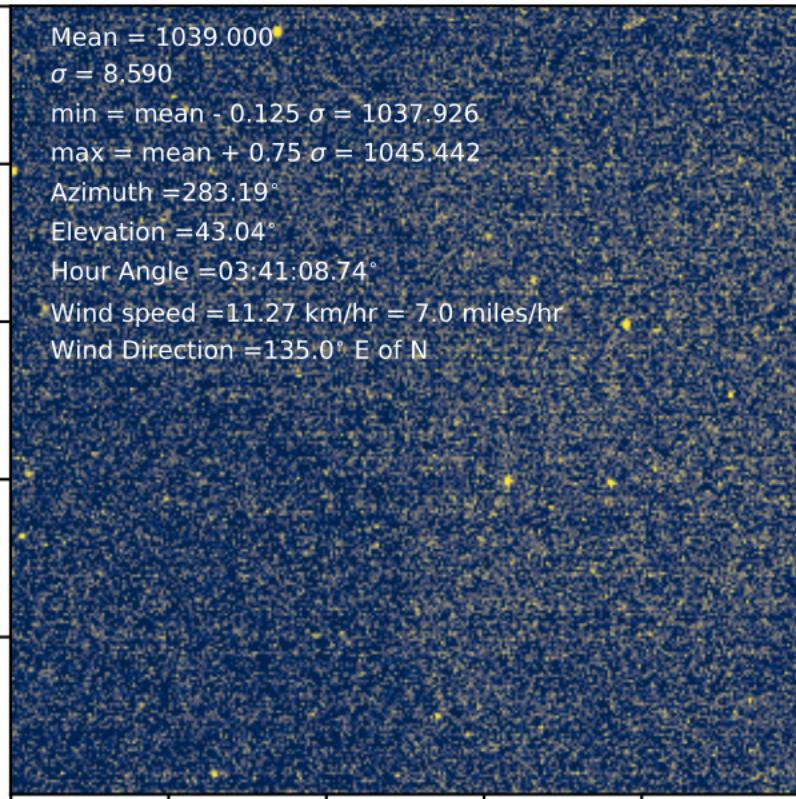
0

200

400

600

800



0

Mean = 1056.493

σ = 9.669

min = mean - 0.125 σ = 1055.284

max = mean + 0.75 σ = 1063.745

Azimuth = 283.27°

Elevation = 42.86°

Hour Angle = 03:42:01.89°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1056.800

σ = 9.877

min = mean - 0.125 σ = 1055.566

max = mean + 0.75 σ = 1064.208

Azimuth = 283.34°

Elevation = 42.68°

Hour Angle = 03:42:53.03°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

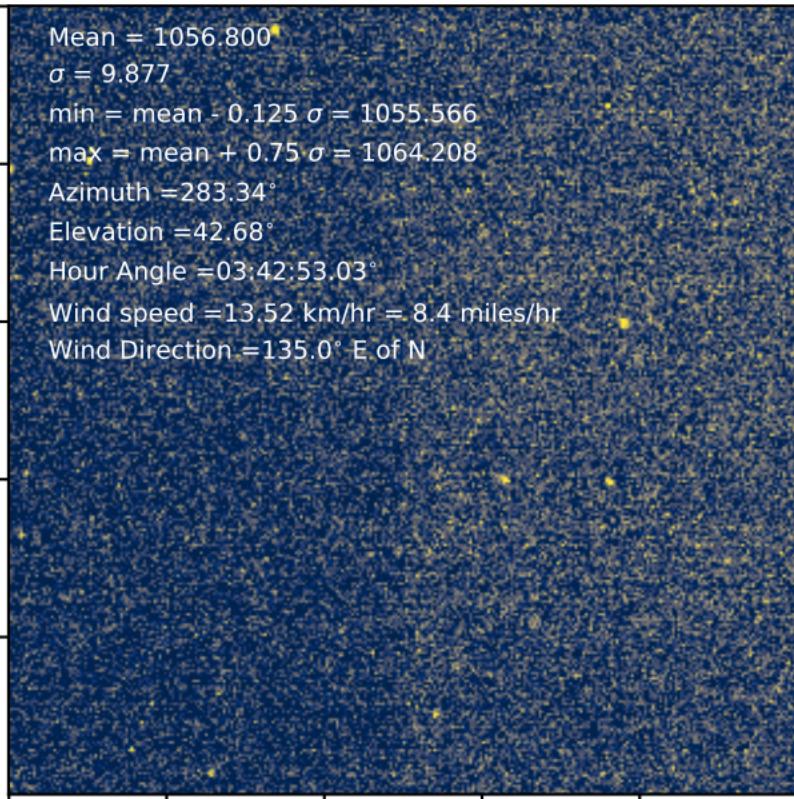
0

200

400

600

800



0

Mean = 1025.543

σ = 12.274

min = mean - 0.125 σ = 1024.009

200

max = mean + 0.75 σ = 1034.748

Azimuth = 283.46°

Elevation = 42.4°

Hour Angle = 03:44:15.25°

400

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

600

700

800

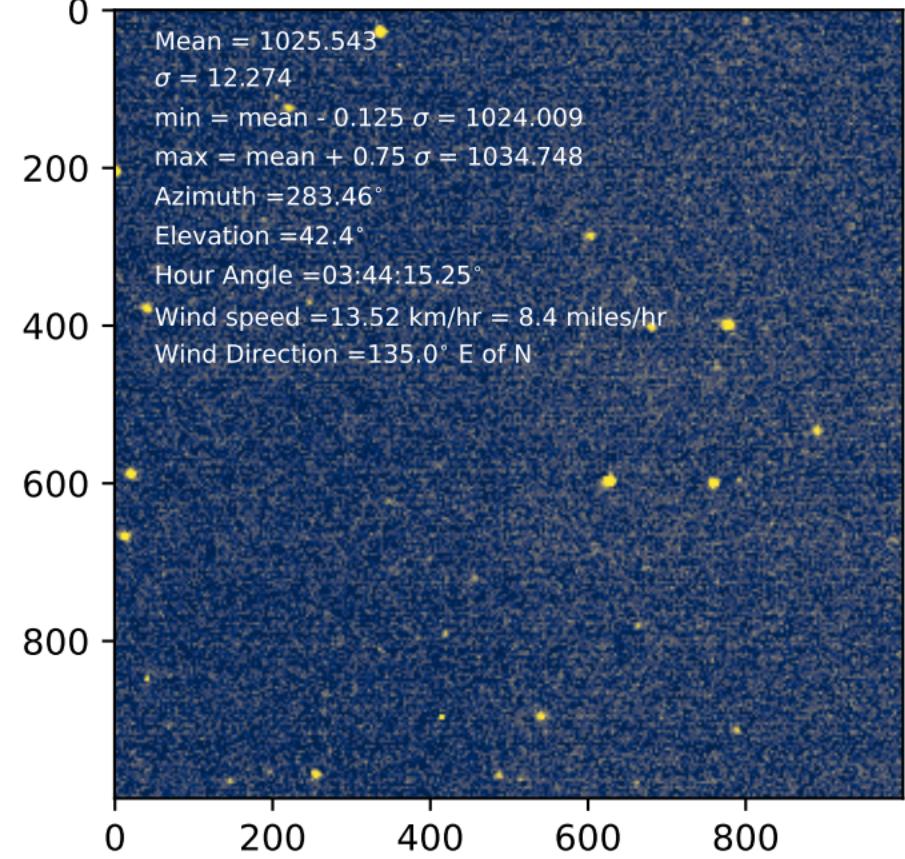
0

200

400

600

800



0

Mean = 1054.977

σ = 15.856

min = mean - 0.125 σ = 1052.995

max = mean + 0.75 σ = 1066.869

Azimuth = 283.52°

Elevation = 42.24°

Hour Angle = 03:45:00.37°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

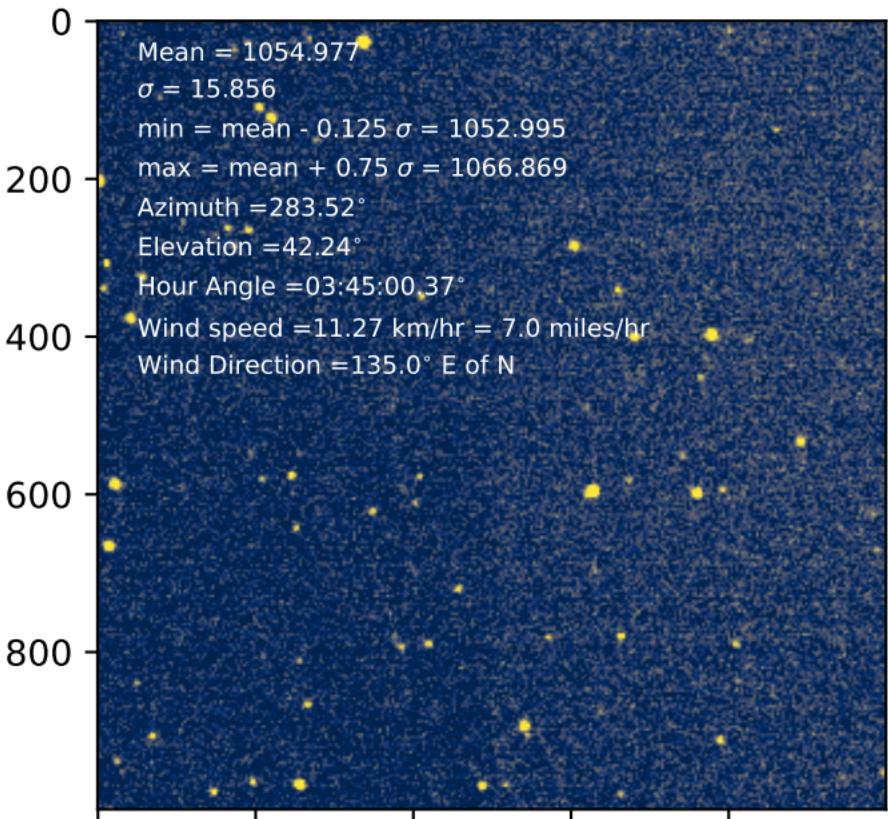
0

200

400

600

800



0

Mean = 1040.291

σ = 11.152

min = mean - 0.125 σ = 1038.897

200

max = mean + 0.75 σ = 1048.655

Azimuth = 283.6°

Elevation = 42.06°

Hour Angle = 03:45:51.51°

400

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800



0

Mean = 1055.368

σ = 13.993

min = mean - 0.125 σ = 1053.619

max = mean + 0.75 σ = 1065.863

Azimuth = 283.67°

Elevation = 41.89°

Hour Angle = 03:46:40.65°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

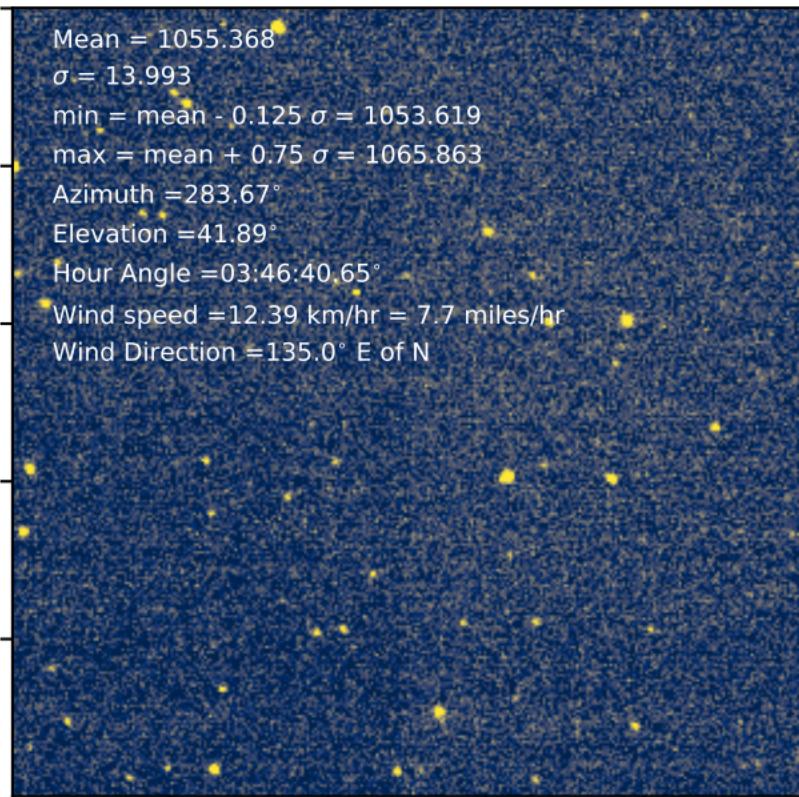
0

200

400

600

800



0

Mean = 1053.212

σ = 16.123

min = mean - 0.125 σ = 1051.197

max = mean + 0.75 σ = 1065.305

Azimuth = 283.73°

Elevation = 41.74°

Hour Angle = 03:47:24.77°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

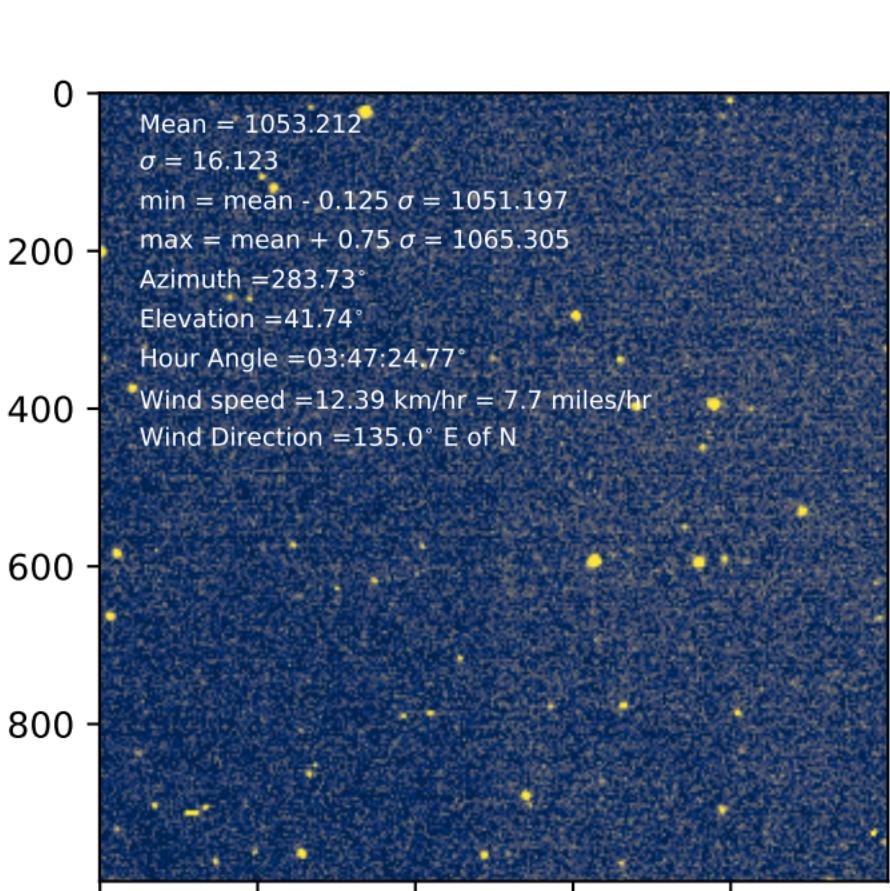
0

200

400

600

800



0

Mean = 1037.800

σ = 8.413

min = mean - 0.125 σ = 1036.749

max = mean + 0.75 σ = 1044.11

Azimuth = 283.8°

Elevation = 41.57°

Hour Angle = 03:48:15.91°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

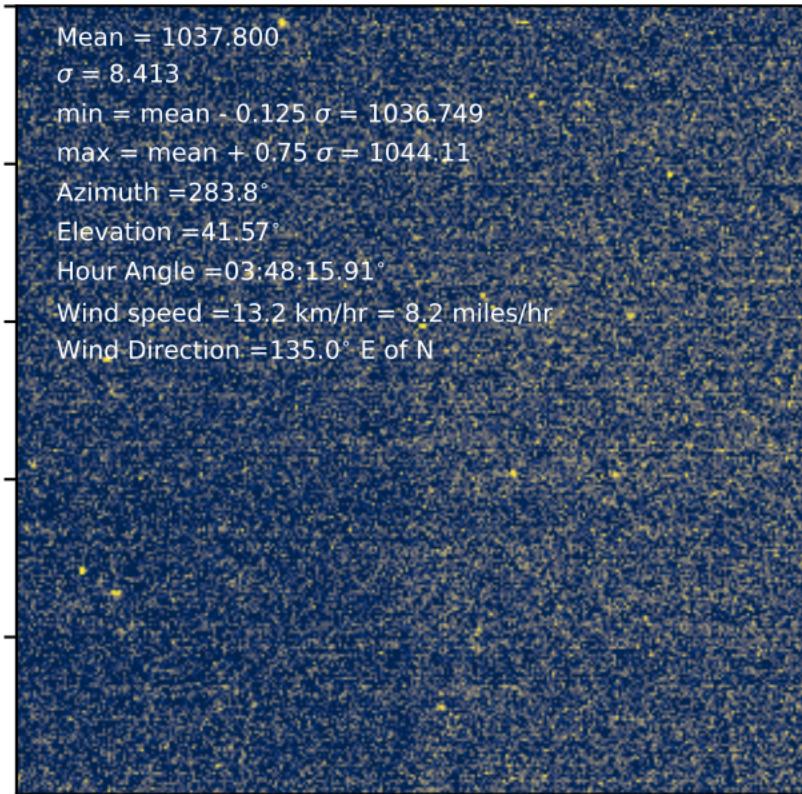
0

200

400

600

800



0

Mean = 1026.199

σ = 7.610

min = mean - 0.125 σ = 1025.248

max = mean + 0.75 σ = 1031.907

Azimuth = 283.88°

Elevation = 41.38°

Hour Angle = 03:49:10.06°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1036.893

σ = 8.271

min = mean - 0.125 σ = 1035.859

200

max = mean + 0.75 σ = 1043.096

Azimuth = 283.97°

Elevation = 41.17°

Hour Angle = 03:50:11.22°

400

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1025.910

σ = 7.583

min = mean - 0.125 σ = 1024.962

max = mean + 0.75 σ = 1031.598

Azimuth = 284.04°

Elevation = 40.99°

Hour Angle = 03:51:03.37°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1059.306

σ = 9.950

min = mean - 0.125 σ = 1058.062

max = mean + 0.75 σ = 1066.768

Azimuth = 284.11°

Elevation = 40.84°

Hour Angle = $03:51:48.49^{\circ}$

Wind speed = $9.01 \text{ km/hr} = 5.6 \text{ miles/hr}$

Wind Direction = 135.0° E of N

200

400

600

800

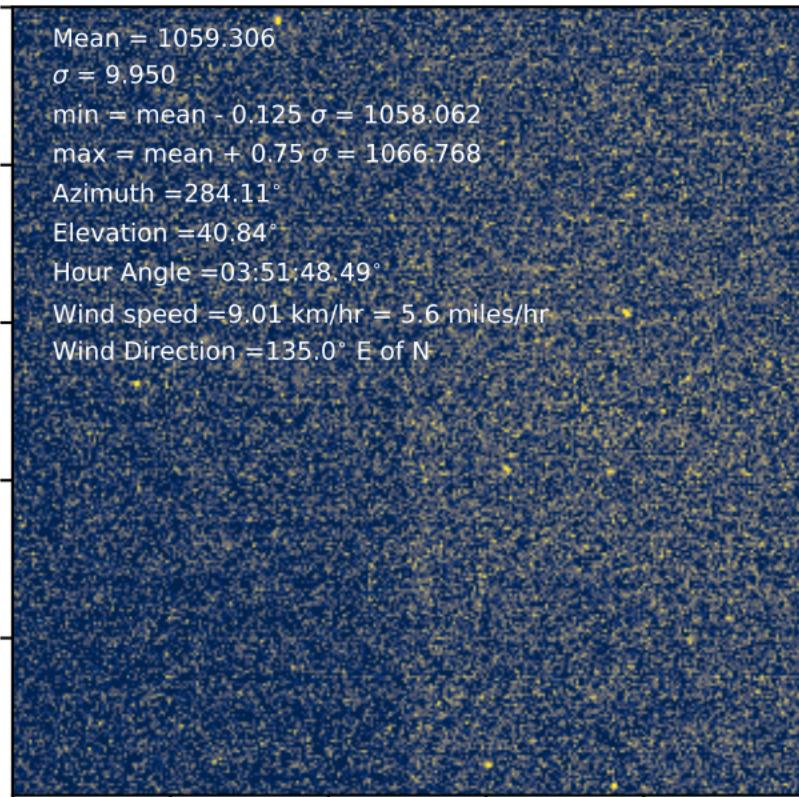
0

200

400

600

800



0

Mean = 1036.246

σ = 8.281

min = mean - 0.125 σ = 1035.211

max = mean + 0.75 σ = 1042.457

Azimuth = 284.21°

Elevation = 40.59°

Hour Angle = 03:52:59.68°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1061.715

σ = 10.066

min = mean - 0.125 σ = 1060.457

max = mean + 0.75 σ = 1069.264

Azimuth = 284.33°

Elevation = 40.31°

Hour Angle = 03:54:20.91°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1036.583

σ = 8.416

min = mean - 0.125 σ = 1035.531

max = mean + 0.75 σ = 1042.895

Azimuth = 284.4°

Elevation = 40.13°

Hour Angle = 03:55:13.05°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

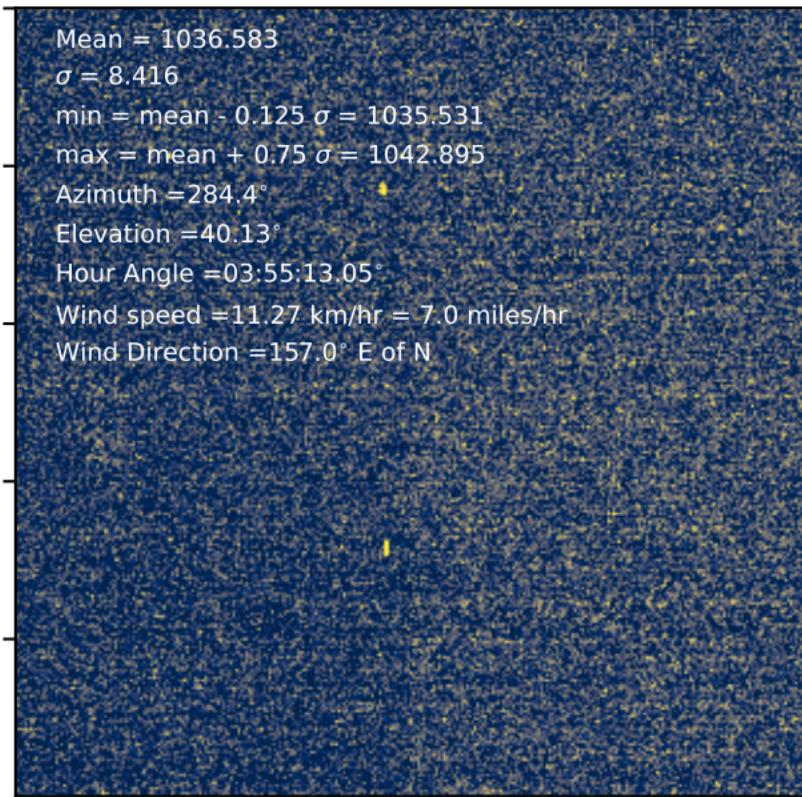
0

200

400

600

800



0

Mean = 1055.164

σ = 10.334

min = mean - 0.125 σ = 1053.872

max = mean + 0.75 σ = 1062.914

Azimuth = 284.49°

Elevation = 39.92°

Hour Angle = 03:56:15.22°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1056.254

σ = 12.277

min = mean - 0.125 σ = 1054.719

max = mean + 0.75 σ = 1065.462

Azimuth = 284.56°

Elevation = 39.77°

Hour Angle = 03:56:59.34°

Wind speed = 8.69 km/hr = 5.4 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

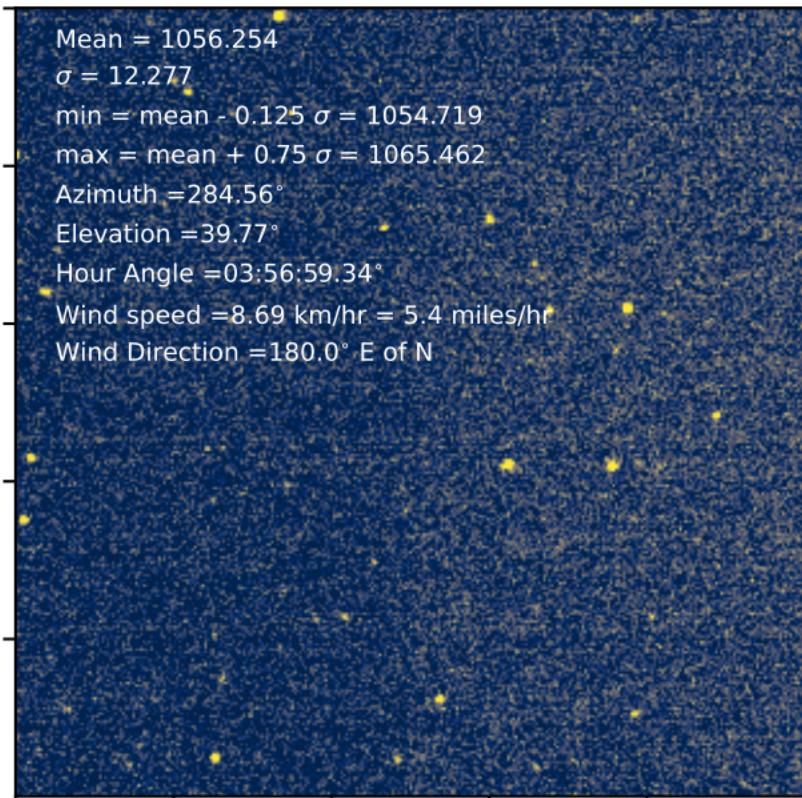
0

200

400

600

800



0

Mean = 1026.215

σ = 8.559

min = mean - 0.125 σ = 1025.145

max = mean + 0.75 σ = 1032.634

Azimuth = 284.63°

Elevation = 39.59°

Hour Angle = 03:57:51.48°

Wind speed = 7.08 km/hr = 4.4 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

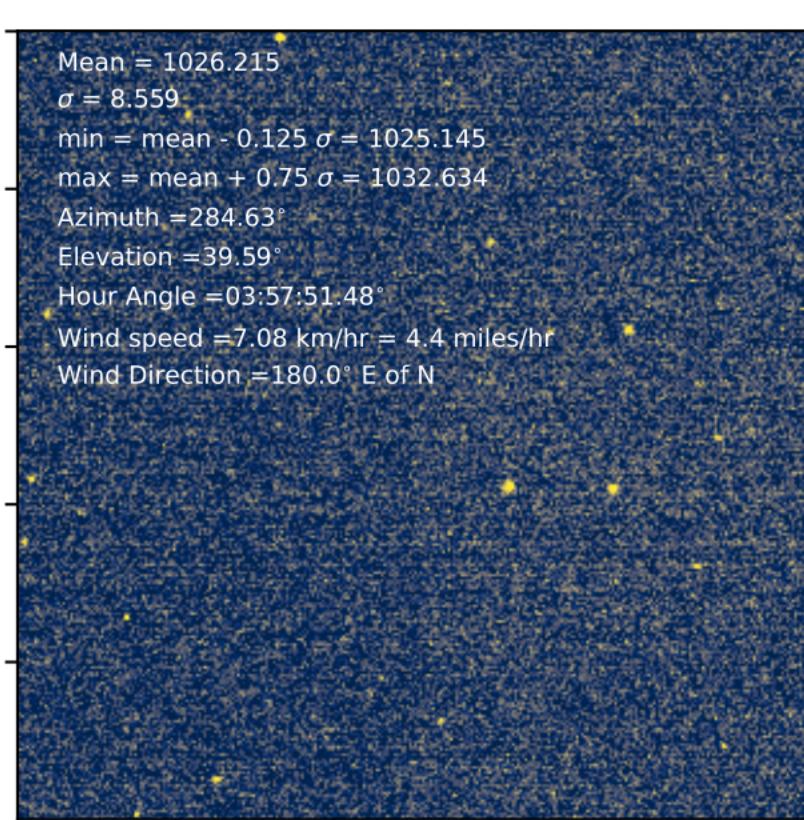
0

200

400

600

800



0

Mean = 1039.941

σ = 10.077

min = mean - 0.125 σ = 1038.682

max = mean + 0.75 σ = 1047.499

Azimuth = 284.71°

Elevation = 39.41°

Hour Angle = 03:58:43.62°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

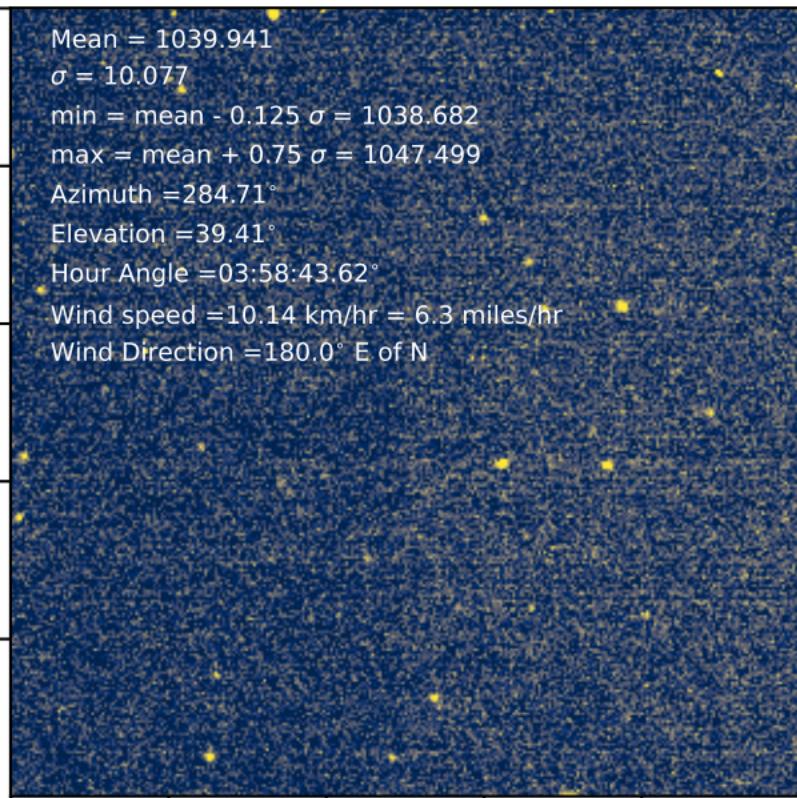
0

200

400

600

800



0

Mean = 1025.309

σ = 11.812

min = mean - 0.125 σ = 1023.832

max = mean + 0.75 σ = 1034.168

Azimuth = 284.78°

Elevation = 39.24°

Hour Angle = 03:59:32.76°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1060.276

σ = 10.674

min = mean - 0.125 σ = 1058.942

200

max = mean + 0.75 σ = 1068.281

Azimuth = 284.85°

Elevation = 39.09°

400

Hour Angle = 04:00:17.88°

Wind speed = 8.21 km/hr = 5.1 miles/hr

600

Wind Direction = 180.0° E of N

800

0

200

400

600

800

0

Mean = 1039.627

σ = 9.618

min = mean - 0.125 σ = 1038.425

max = mean + 0.75 σ = 1046.84

Azimuth = 284.92°

Elevation = 38.91°

Hour Angle = 04:01:09.02°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1039.995

σ = 13.491

min = mean - 0.125 σ = 1038.309

max = mean + 0.75 σ = 1050.113

Azimuth = 284.98°

Elevation = 38.76°

Hour Angle = 04:01:53.14°

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

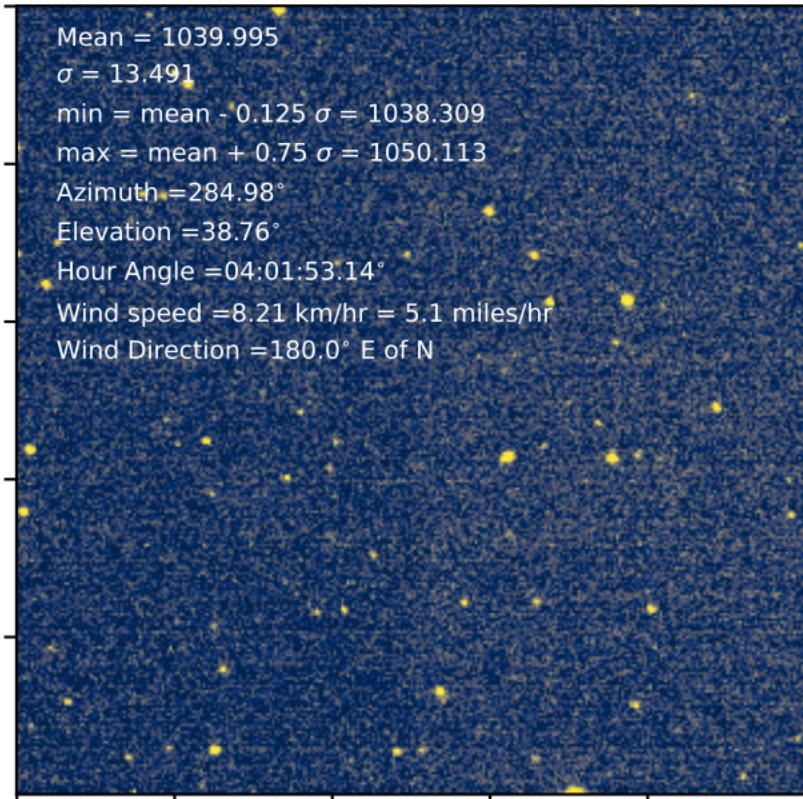
0

200

400

600

800



0

Mean = 1025.538

σ = 16.237

min = mean - 0.125 σ = 1023.508

max = mean + 0.75 σ = 1037.715

Azimuth = 285.05°

Elevation = 38.6°

Hour Angle = 04:02:39.27°

Wind speed = 7.56 km/hr = 4.7 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

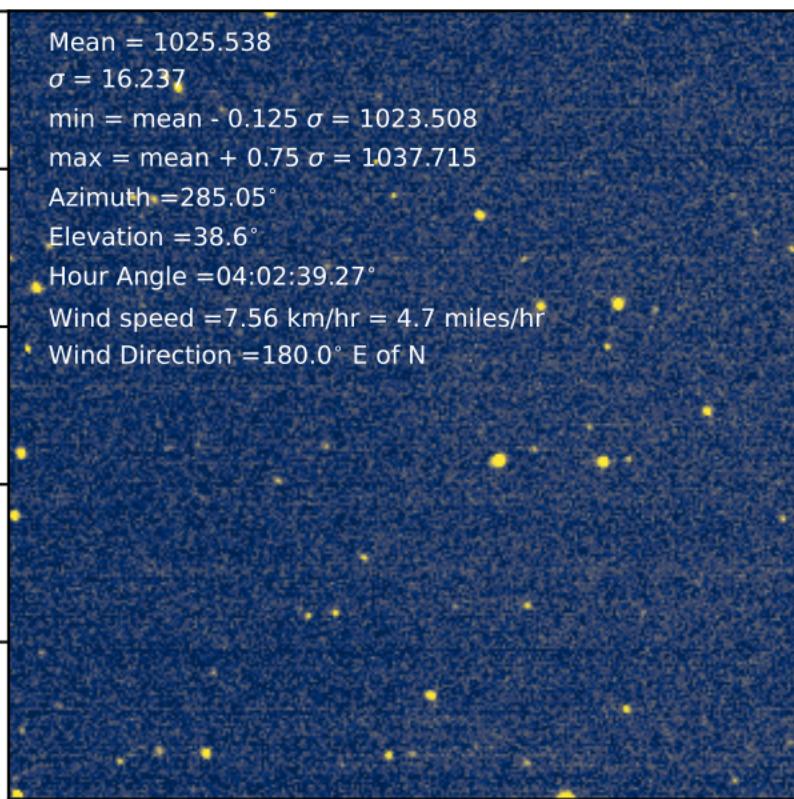
0

200

400

600

800



0

Mean = 1053.668

σ = 19.844

min = mean - 0.125 σ = 1051.187

max = mean + 0.75 σ = 1068.551

Azimuth = 285.12°

Elevation = 38.45°

Hour Angle = 04:03:24.39°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

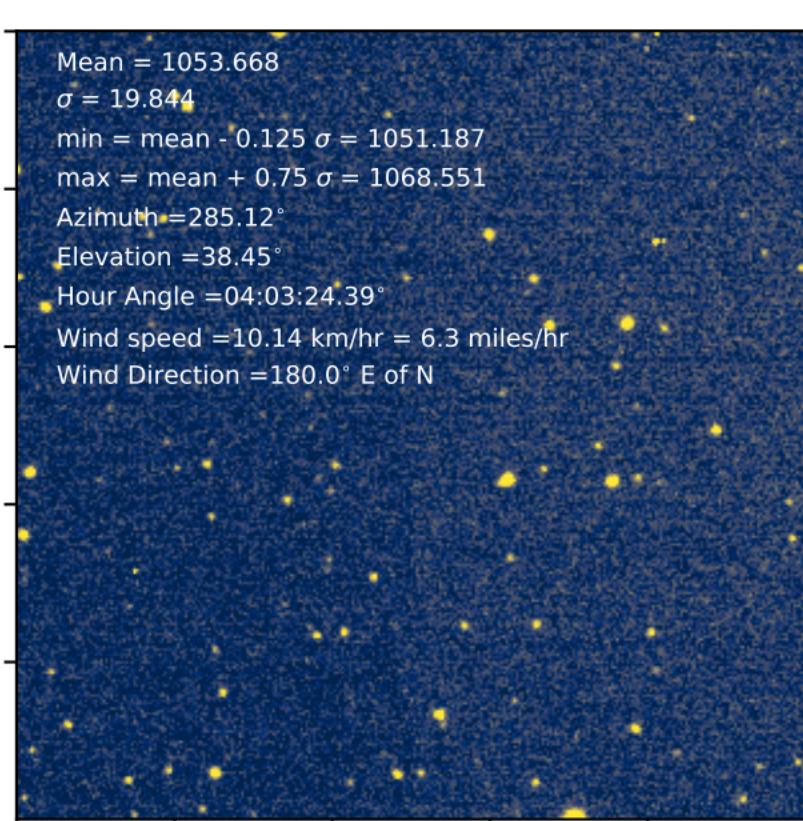
0

200

400

600

800



0

Mean = 1057.654

σ = 12.221

min = mean - 0.125 σ = 1056.127

max = mean + 0.75 σ = 1066.82

Azimuth = 285.18°

Elevation = 38.3°

Hour Angle = 04:04:08.51°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

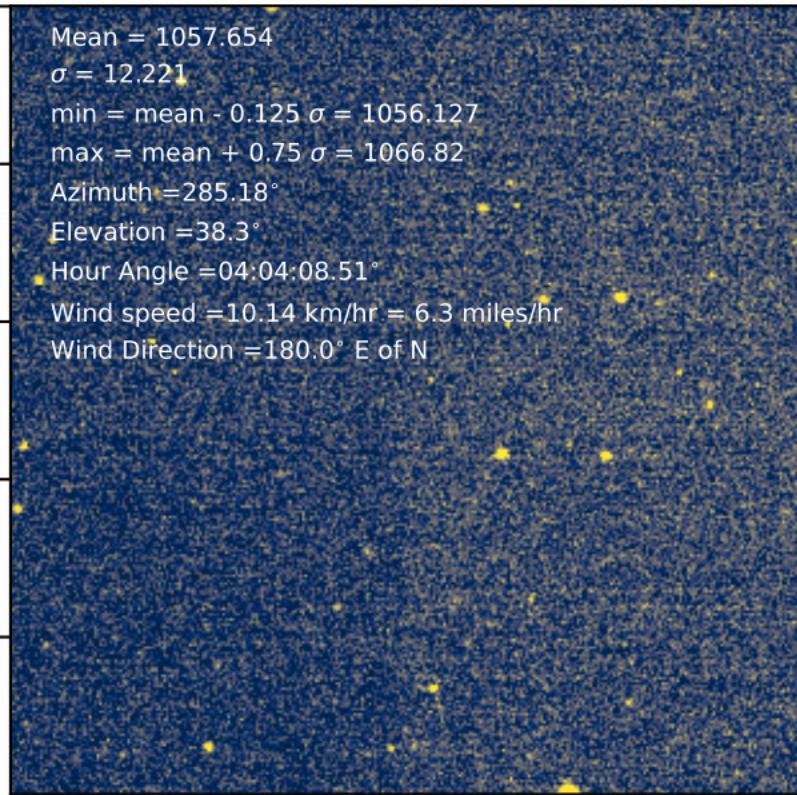
0

200

400

600

800



0

Mean = 1036.661

σ = 8.405

min = mean - 0.125 σ = 1035.61

max = mean + 0.75 σ = 1042.965

Azimuth = 285.25°

Elevation = 38.12°

Hour Angle = 04:04:59.65°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.994

σ = 7.914

min = mean - 0.125 σ = 1029.005

max = mean + 0.75 σ = 1035.93

Azimuth = 285.37°

Elevation = 37.85°

Hour Angle = 04:06:18.87°

Wind speed = 5.63 km/hr = 3.5 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1067.267

σ = 10.189

min = mean - 0.125 σ = 1065.994

max = mean + 0.75 σ = 1074.909

Azimuth = 285.44°

Elevation = 37.68°

Hour Angle = 04:07:09.00°

Wind speed = 5.63 km/hr = 3.5 miles/hr

Wind Direction = 180.0° E of N

200

400

600

800

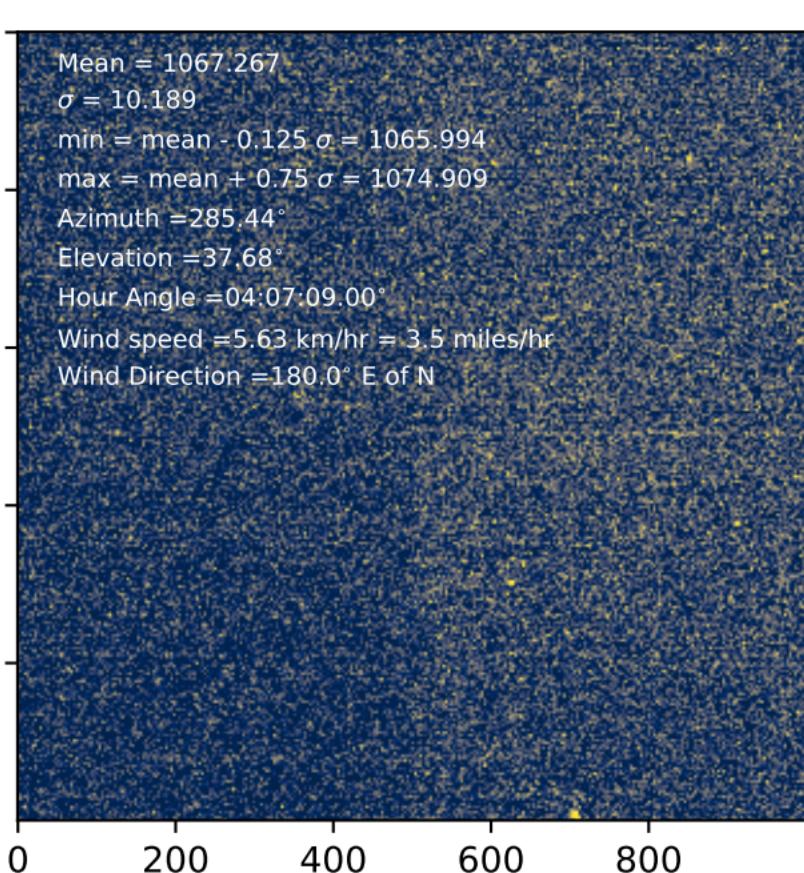
0

200

400

600

800



0

Mean = 1036.065

σ = 8.491

min = mean - 0.125 σ = 1035.004

max = mean + 0.75 σ = 1042.433

Azimuth = 285.52°

Elevation = 37.51°

Hour Angle = 04:08:00.14°

Wind speed = 5.95 km/hr = 3.7 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

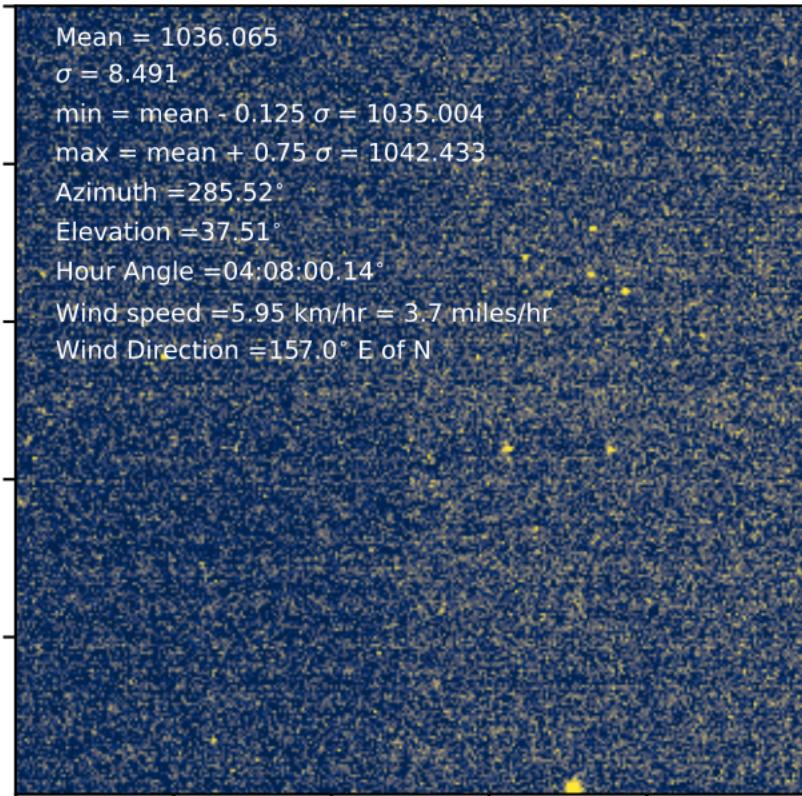
0

200

400

600

800



0

Mean = 1065.298

σ = 10.131

min = mean - 0.125 σ = 1064.032

200

max = mean + 0.75 σ = 1072.896

Azimuth = 285.66°

Elevation = 37.17°

Hour Angle = 04:09:37.41°

400

Wind speed = 8.21 km/hr = 5.1 miles/hr

Wind Direction = 157.0° E of N

600

800

0

200

400

600

800

0

Mean = 1062.990

σ = 9.897

min = mean - 0.125 σ = 1061.753

max = mean + 0.75 σ = 1070.413

Azimuth = 285.73°

Elevation = 37.01°

Hour Angle = 04:10:26.54°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.683

σ = 7.964

min = mean - 0.125 σ = 1030.687

max = mean + 0.75 σ = 1037.655

Azimuth = 285.81°

Elevation = 36.82°

Hour Angle = 04:11:22.70°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1065.703

σ = 10.070

min = mean - 0.125 σ = 1064.444

max = mean + 0.75 σ = 1073.255

Azimuth = 285.89°

Elevation = 36.64°

Hour Angle = 04:12:13.83°

Wind speed = 7.89 km/hr = 4.9 miles/hr

Wind Direction = 157.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.463

σ = 7.886

min = mean - 0.125 σ = 1029.477

max = mean + 0.75 σ = 1036.377

Azimuth = 285.97°

Elevation = 36.46°

Hour Angle = 04:13:06.98°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

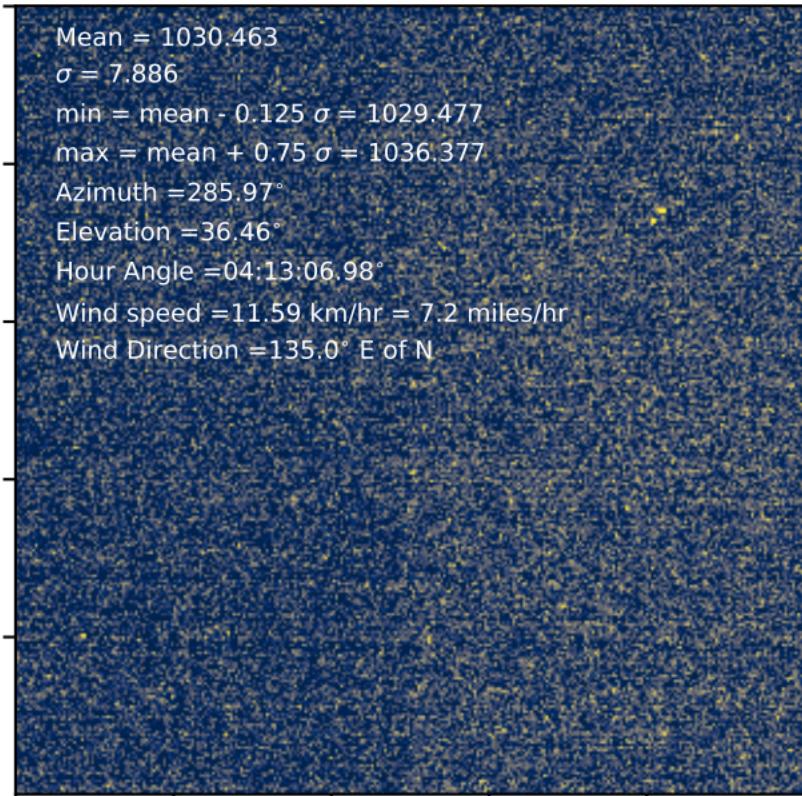
0

200

400

600

800



0

Mean = 1027.509

σ = 7.708

min = mean - 0.125 σ = 1026.545

200

max = mean + 0.75 σ = 1033.29

Azimuth = 286.04°

Elevation = 36.3°

Hour Angle = 04:13:55.11°

400

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1063.608

σ = 9.908

min = mean - 0.125 σ = 1062.37

max = mean + 0.75 σ = 1071.039

Azimuth = 286.12°

Elevation = 36.11°

Hour Angle = 04:14:49.26°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.527

σ = 7.792

min = mean - 0.125 σ = 1028.553

200

max = mean + 0.75 σ = 1035.37

Azimuth = 286.2°

Elevation = 35.92°

Hour Angle = 04:15:46.42°

400

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1026.804

σ = 7.637

min = mean - 0.125 σ = 1025.849

max = mean + 0.75 σ = 1032.532

Azimuth = 286.28°

Elevation = 35.74°

Hour Angle = 04:16:37.55°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.212

σ = 7.883

min = mean - 0.125 σ = 1028.227

max = mean + 0.75 σ = 1035.124

Azimuth = 286.36°

Elevation = 35.55°

Hour Angle = 04:17:35.71°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1025.759

σ = 7.612

min = mean - 0.125 σ = 1024.808

max = mean + 0.75 σ = 1031.468

Azimuth = 286.44°

Elevation = 35.37°

Hour Angle = 04:18:27.86°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1064.104

σ = 9.944

min = mean - 0.125 σ = 1062.861

max = mean + 0.75 σ = 1071.562

Azimuth = 286.52°

Elevation = 35.18°

Hour Angle = 04:19:23.01°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.312

σ = 7.823

min = mean - 0.125 σ = 1029.335

max = mean + 0.75 σ = 1036.18

Azimuth = 286.6°

Elevation = 34.99°

Hour Angle = $04:20:18.16^{\circ}$

Wind speed = $10.46 \text{ km/hr} = 6.5 \text{ miles/hr}$

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1026.771

σ = 7.615

min = mean - 0.125 σ = 1025.82

max = mean + 0.75 σ = 1032.482

Azimuth = 286.67°

Elevation = 34.83°

Hour Angle = 04:21:05.29°

Wind speed = 10.46 km/hr = 6.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1063.810

σ = 10.039

min = mean - 0.125 σ = 1062.555

max = mean + 0.75 σ = 1071.339

Azimuth = 286.74°

Elevation = 34.67°

Hour Angle = 04:21:52.41°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.870

σ = 8.007

min = mean - 0.125 σ = 1029.869

max = mean + 0.75 σ = 1036.875

Azimuth = 286.83°

Elevation = 34.48°

Hour Angle = 04:22:50.57°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1064.810

σ = 10.016

min = mean - 0.125 σ = 1063.558

max = mean + 0.75 σ = 1072.323

Azimuth = 286.91°

Elevation = 34.3°

Hour Angle = 04:23:43.72°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

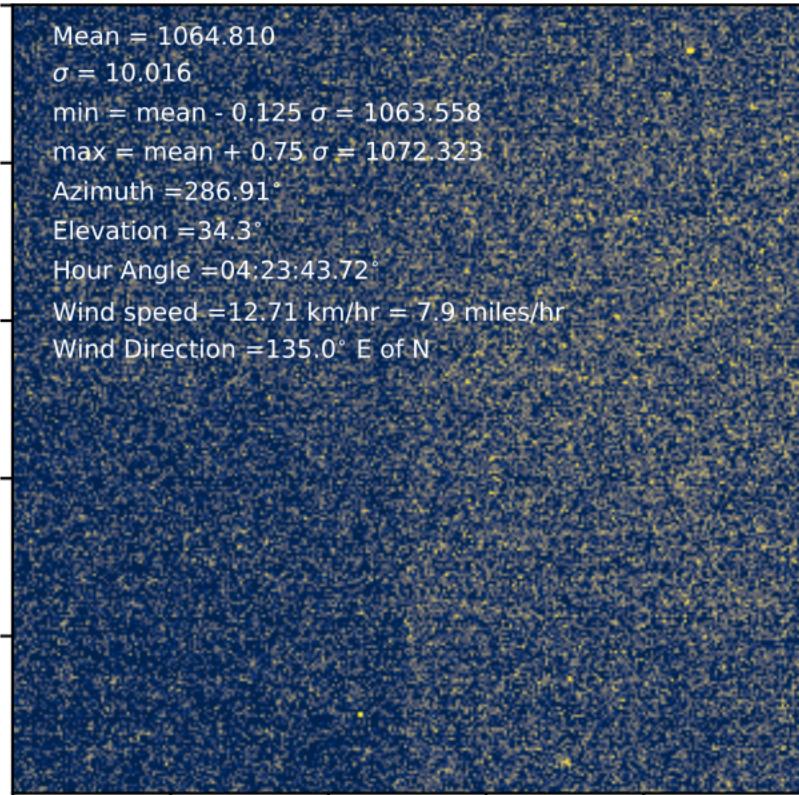
0

200

400

600

800



0

Mean = 1059.505

σ = 9.803

min = mean - 0.125 σ = 1058.28

max = mean + 0.75 σ = 1066.858

Azimuth = 286.98°

Elevation = 34.13°

Hour Angle = 04:24:33.86°

Wind speed = 12.39 km/hr = 7.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.290

σ = 7.909

min = mean - 0.125 σ = 1028.302

max = mean + 0.75 σ = 1035.222

Azimuth = 287.06°

Elevation = 33.94°

Hour Angle = 04:25:28.00°

Wind speed = 9.33 km/hr = 5.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1062.793

σ = 10.032

min = mean - 0.125 σ = 1061.539

max = mean + 0.75 σ = 1070.317

Azimuth = 287.15°

Elevation = 33.74°

Hour Angle = 04:26:29.17°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.000

σ = 7.735

min = mean - 0.125 σ = 1028.033

max = mean + 0.75 σ = 1034.801

Azimuth = 287.23°

Elevation = 33.56°

Hour Angle = 04:27:22.32°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1063.687

σ = 10.129

min = mean - 0.125 σ = 1062.421

max = mean + 0.75 σ = 1071.284

Azimuth = 287.31°

Elevation = 33.37°

Hour Angle = 04:28:16.46°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1064.929

σ = 10.000

min = mean - 0.125 σ = 1063.679

max = mean + 0.75 σ = 1072.429

Azimuth = 287.38°

Elevation = 33.21°

Hour Angle = 04:29:04.59°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.626

σ = 7.866

min = mean - 0.125 σ = 1028.642

max = mean + 0.75 σ = 1035.525

Azimuth = 287.47°

Elevation = 33.03°

Hour Angle = 04:29:58.74°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1069.320

σ = 10.285

min = mean - 0.125 σ = 1068.034

max = mean + 0.75 σ = 1077.034

Azimuth = 287.78°

Elevation = 32.31°

Hour Angle = 04:33:30.32°

Wind speed = 18.35 km/hr = 11.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.542

σ = 7.874

min = mean - 0.125 σ = 1029.558

200

max = mean + 0.75 σ = 1036.448

Azimuth = 287.88°

Elevation = 82.1°

Hour Angle = 04:34:32.49°

400

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1027.455

σ = 7.770

min = mean - 0.125 σ = 1026.484

max = mean + 0.75 σ = 1033.282

Azimuth = 287.95°

Elevation = 31.94°

Hour Angle = 04:35:21.62°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.161

σ = 7.916

min = mean - 0.125 σ = 1030.171

max = mean + 0.75 σ = 1037.098

Azimuth = 288.04°

Elevation = 31.74°

Hour Angle = 04:36:18.78°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1025.402

σ = 7.731

min = mean - 0.125 σ = 1024.436

max = mean + 0.75 σ = 1031.2

Azimuth = 288.11°

Elevation = 31.57°

Hour Angle = 04:37:09.92°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1061.385

σ = 9.941

min = mean - 0.125 σ = 1060.142

max = mean + 0.75 σ = 1068.841

Azimuth = 288.18°

Elevation = 31.42°

Hour Angle = 04:37:55.04°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

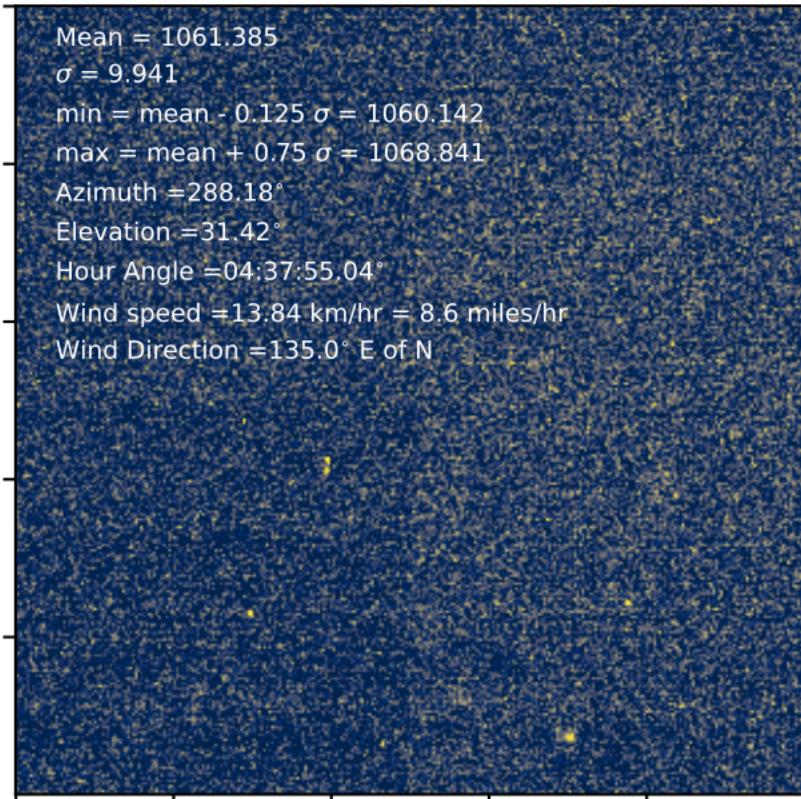
0

200

400

600

800



0

Mean = 1066.237

σ = 10.193

min = mean - 0.125 σ = 1064.963

max = mean + 0.75 σ = 1073.882

Azimuth = 288.26°

Elevation = 31.25°

Hour Angle = 04:38:45.18°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800



0

Mean = 1028.445

σ = 8.007

min = mean - 0.125 σ = 1027.445

max = mean + 0.75 σ = 1034.451

Azimuth = 288.37°

Elevation = 31.0°

Hour Angle = 04:39:59.38°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1032.519

σ = 8.105

min = mean - 0.125 σ = 1031.506

max = mean + 0.75 σ = 1038.598

Azimuth = 288.49°

Elevation = 30.74°

Hour Angle = 04:41:17.60°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 112.0° E of N

200

400

600

800

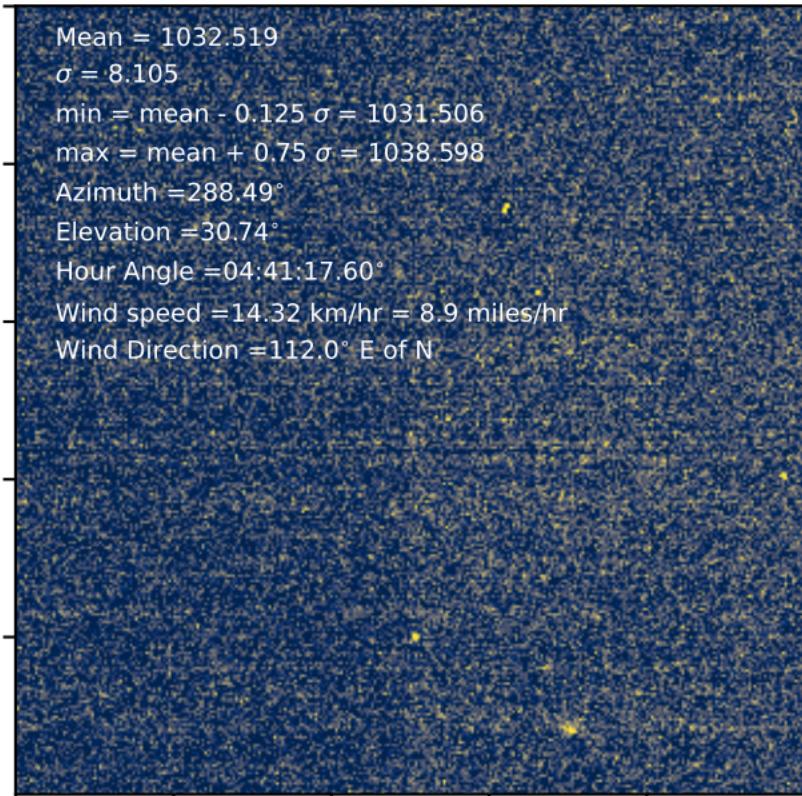
0

200

400

600

800



0

Mean = 1065.810

σ = 10.182

min = mean - 0.125 σ = 1064.537

max = mean + 0.75 σ = 1073.446

Azimuth = 288.58°

Elevation = 30.54°

Hour Angle = 04:42:17.76°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1067.803

σ = 10.202

min = mean - 0.125 σ = 1066.527

max = mean + 0.75 σ = 1075.454

Azimuth = 288.66°

Elevation = 30.35°

Hour Angle = 04:43:12.91°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.362

σ = 7.944

min = mean - 0.125 σ = 1030.369

max = mean + 0.75 σ = 1037.32

Azimuth = 288.74°

Elevation = 30.18°

Hour Angle = 04:44:05.05°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1067.810

σ = 10.837

min = mean - 0.125 σ = 1066.455

max = mean + 0.75 σ = 1075.938

Azimuth = 288.84°

Elevation = 29.96°

Hour Angle = 04:45:08.23°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.199

σ = 7.882

min = mean - 0.125 σ = 1030.214

max = mean + 0.75 σ = 1037.111

Azimuth = 288.92°

Elevation = 29.79°

Hour Angle = 04:46:00.37°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.153

σ = 7.804

min = mean - 0.125 σ = 1028.177

max = mean + 0.75 σ = 1035.005

Azimuth = 288.99°

Elevation = 29.64°

Hour Angle = 04:46:46.49°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1067.444

σ = 10.290

min = mean - 0.125 σ = 1066.158

max = mean + 0.75 σ = 1075.162

Azimuth = 289.07°

Elevation = 29.46°

Hour Angle = 04:47:39.64°

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1033.238

σ = 8.336

min = mean - 0.125 σ = 1032.196

max = mean + 0.75 σ = 1039.49

Azimuth = 289.15°

Elevation = 29.28°

Hour Angle = 04:48:32.78°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

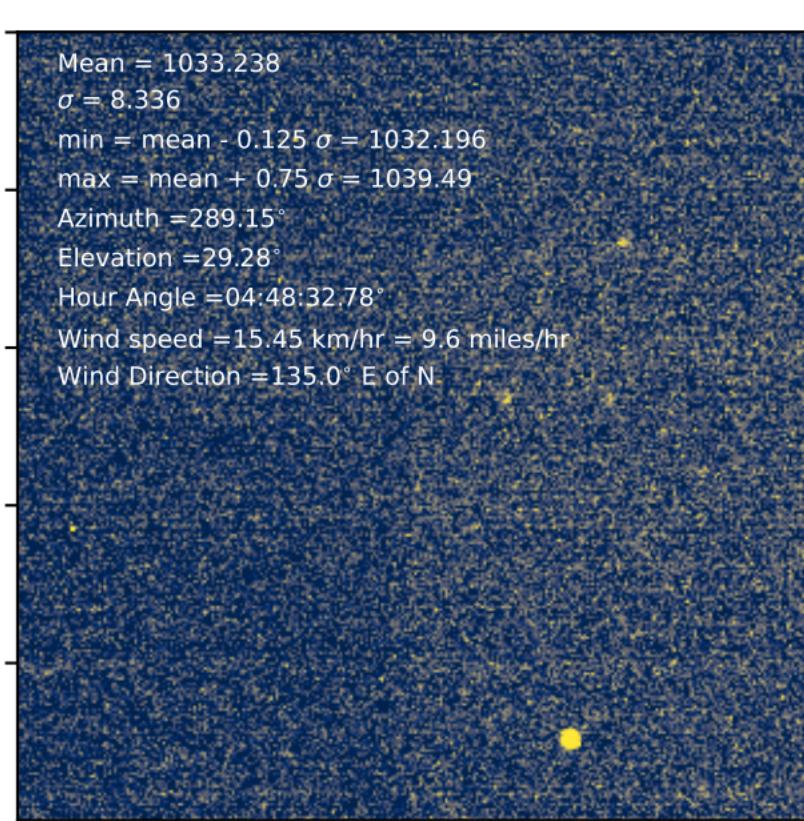
0

200

400

600

800



0

Mean = 1068.718

σ = 10.304

min = mean - 0.125 σ = 1067.43

200

max = mean + 0.75 σ = 1076.446

Azimuth = 289.26°

Elevation = 29.04°

Hour Angle = 04:49:44.98°

400

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1031.661

σ = 7.915

min = mean - 0.125 σ = 1030.672

max = mean + 0.75 σ = 1037.597

Azimuth = 289.34°

Elevation = 28.86°

Hour Angle = 04:50:37.12°

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.195

σ = 7.894

min = mean - 0.125 σ = 1028.208

max = mean + 0.75 σ = 1035.115

Azimuth = 289.42°

Elevation = 28.69°

Hour Angle = 04:51:29.27°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

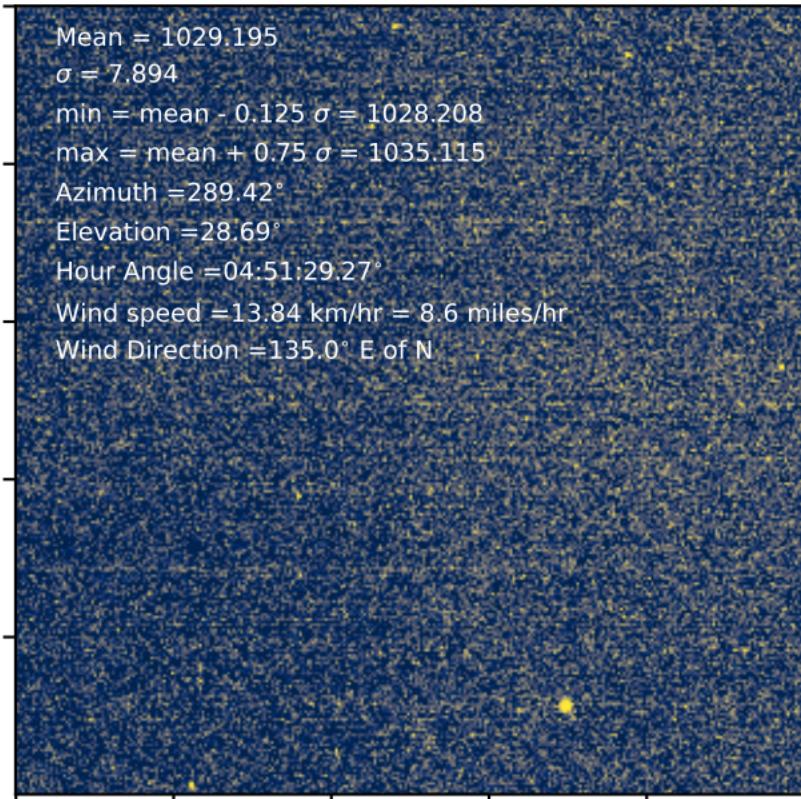
0

200

400

600

800



0

Mean = 1063.088

σ = 10.230

min = mean - 0.125 σ = 1061.809

max = mean + 0.75 σ = 1070.761

Azimuth = 289.53°

Elevation = 28.46°

Hour Angle = 04:52:39.46°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

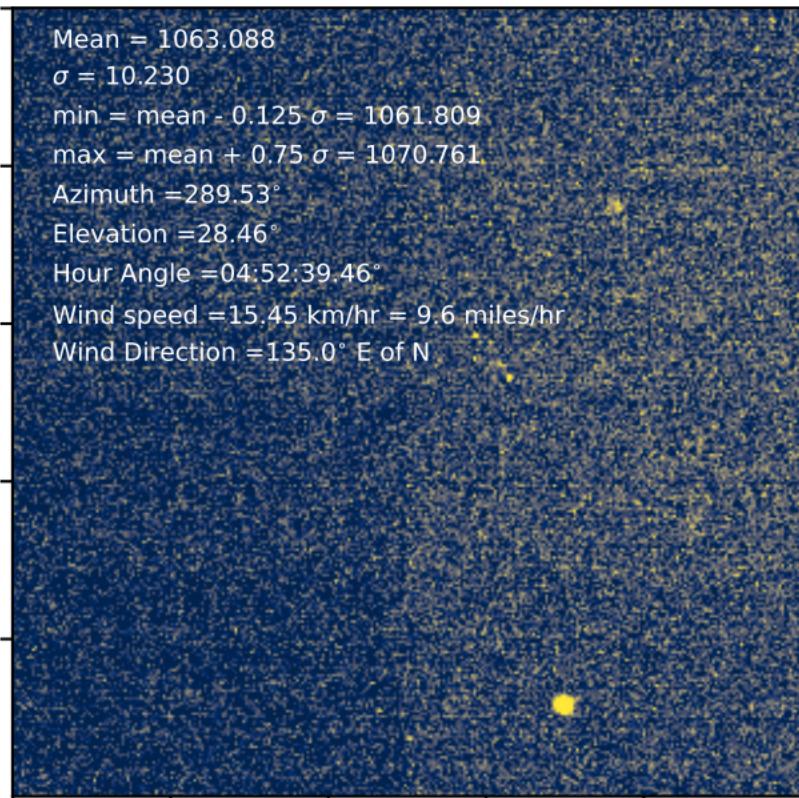
0

200

400

600

800



0

Mean = 1027.818

σ = 7.769

min = mean - 0.125 σ = 1026.847

max = mean + 0.75 σ = 1033.644

Azimuth = 289.67°

Elevation = 28.15°

Hour Angle = 04:54:09.70°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.126

σ = 7.816

min = mean - 0.125 σ = 1029.149

max = mean + 0.75 σ = 1035.988

Azimuth = 289.76°

Elevation = 27.97°

Hour Angle = 04:55:05.86°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

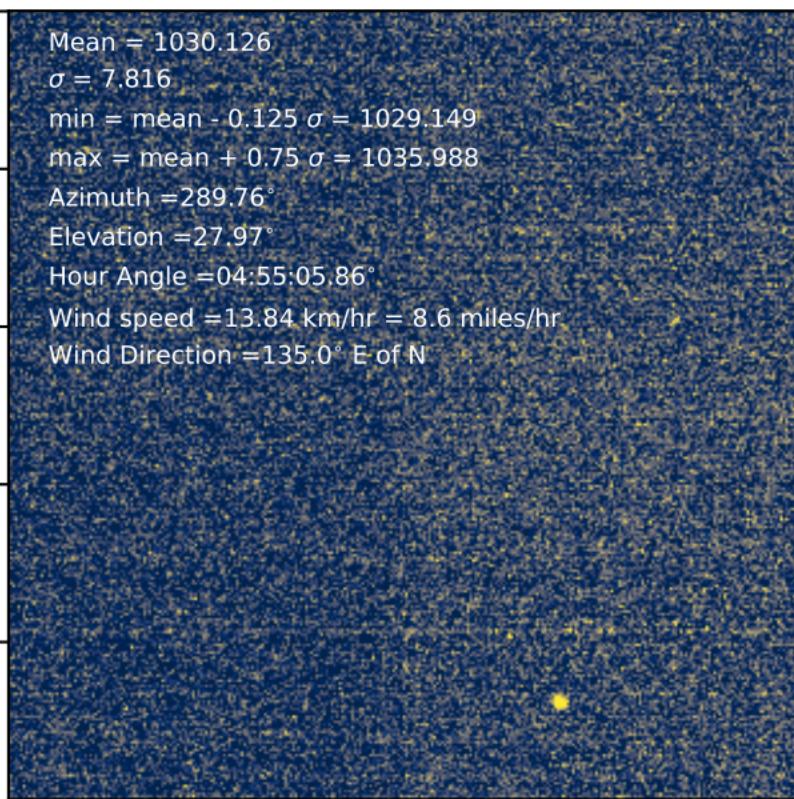
0

200

400

600

800



0

Mean = 1027.451

σ = 7.678

min = mean - 0.125 σ = 1026.491

max = mean + 0.75 σ = 1033.209

Azimuth = 289.83°

Elevation = 27.81°

Hour Angle = 04:55:52.99°

Wind speed = 16.09 km/hr = 10.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1063.421

σ = 10.044

min = mean - 0.125 σ = 1062.166

max = mean + 0.75 σ = 1070.954

Azimuth = 289.91°

Elevation = 27.64°

Hour Angle = 04:56:43.12°

Wind speed = 15.45 km/hr = 9.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1027.182

σ = 7.747

min = mean - 0.125 σ = 1026.214

max = mean + 0.75 σ = 1032.992

Azimuth = 290.01°

Elevation = 27.43°

Hour Angle = 04:57:47.30°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.084

σ = 7.865

min = mean - 0.125 σ = 1029.1

200

max = mean + 0.75 σ = 1035.983

Azimuth = 290.1°

Elevation = 27.24°

Hour Angle = 04:58:44.45°

400

Wind speed = 16.58 km/hr = 10.3 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1062.709

σ = 10.014

min = mean - 0.125 σ = 1061.457

max = mean + 0.75 σ = 1070.22

Azimuth = 290.17°

Elevation = 27.08°

Hour Angle = 04:59:31.58°

Wind speed = 16.58 km/hr = 10.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

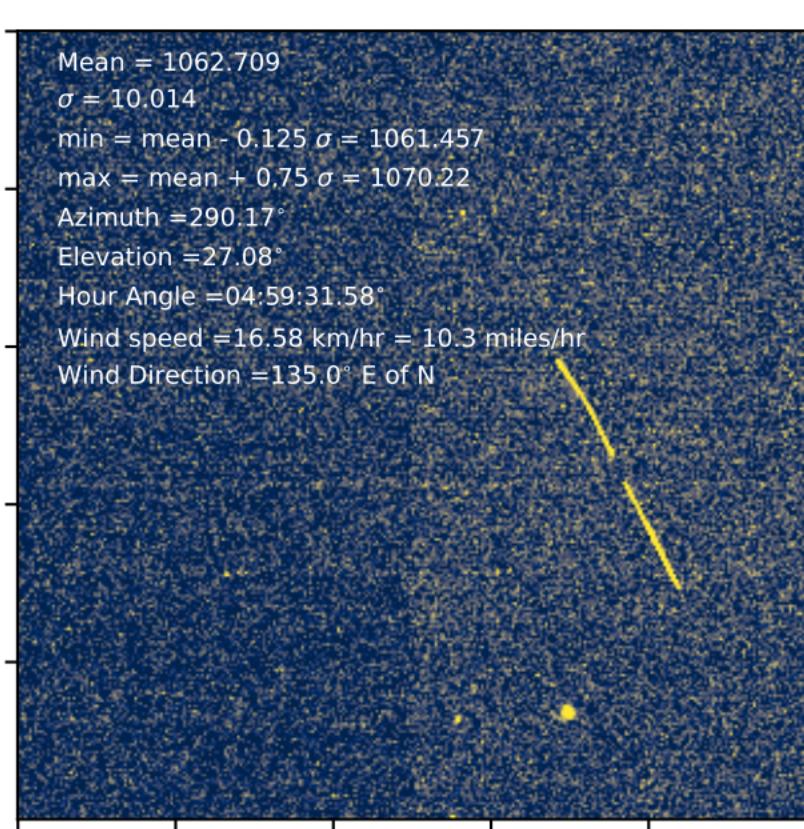
0

200

400

600

800



0

Mean = 1063.607

σ = 9.973

min = mean - 0.125 σ = 1062.36

200

max = mean + 0.75 σ = 1071.086

Azimuth = 290.25°

Elevation = 26.92°

Hour Angle = 05:00:20.72°

400

Wind speed = 14.64 km/hr = 9.1 miles/hr

Wind Direction = 135.0° E of N

600

800

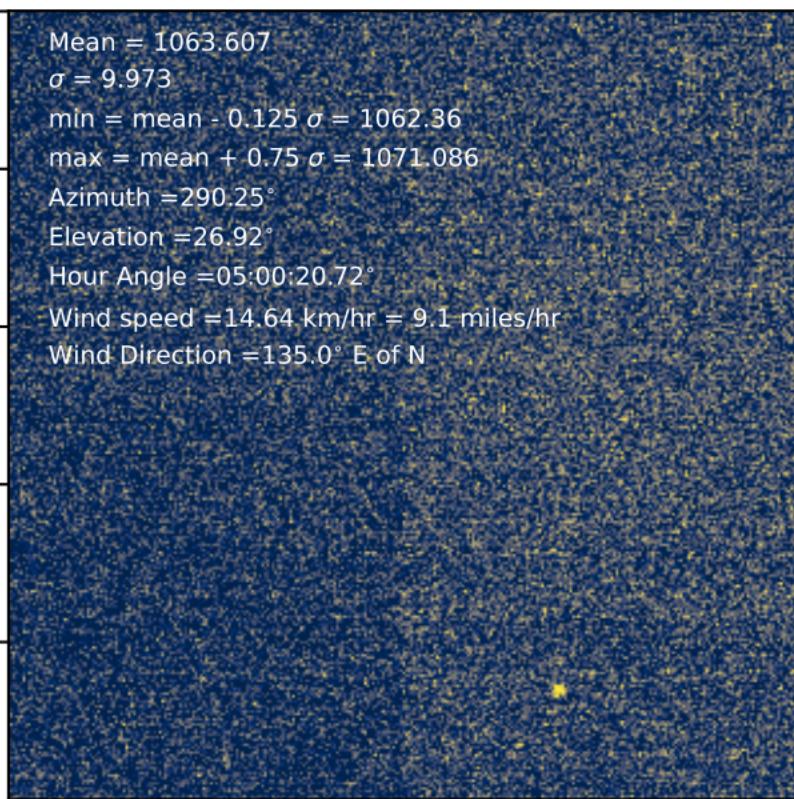
0

200

400

600

800



0

Mean = 1062.260

σ = 9.971

min = mean - 0.125 σ = 1061.014

max = mean + 0.75 σ = 1069.739

Azimuth = 290.32°

Elevation = 26.77°

Hour Angle = 05:01:06.84°

Wind speed = 17.22 km/hr = 10.7 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1028.251

σ = 7.817

min = mean - 0.125 σ = 1027.274

max = mean + 0.75 σ = 1034.114

Azimuth = 290.41°

Elevation = 26.58°

Hour Angle = 05:02:03.00°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

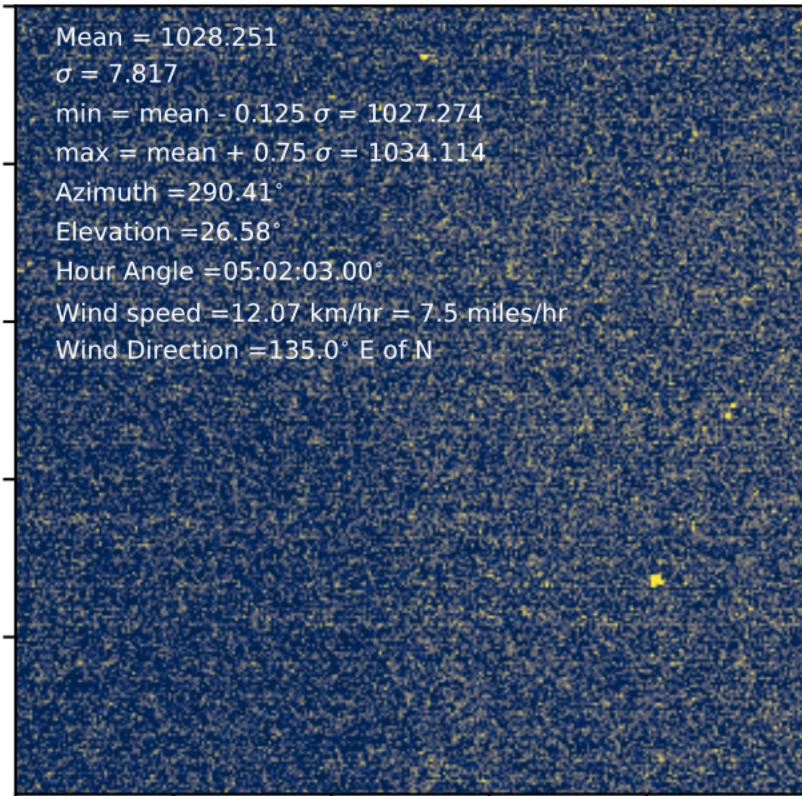
0

200

400

600

800



0

Mean = 1027.021

σ = 7.630

min = mean - 0.125 σ = 1026.068

max = mean + 0.75 σ = 1032.744

Azimuth = 290.52°

Elevation = 26.36°

Hour Angle = 05:03:10.18°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1071.592

σ = 10.387

min = mean - 0.125 σ = 1070.294

max = mean + 0.75 σ = 1079.383

Azimuth = 290.59°

Elevation = 26.19°

Hour Angle = 05:03:59.31°

Wind speed = 16.58 km/hr = 10.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.360

σ = 7.816

min = mean - 0.125 σ = 1028.383

max = mean + 0.75 σ = 1035.222

Azimuth = 290.68°

Elevation = 26.02°

Hour Angle = 05:04:52.46°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.117

σ = 7.773

min = mean - 0.125 σ = 1028.146

max = mean + 0.75 σ = 1034.947

Azimuth = 290.77°

Elevation = 25.83°

Hour Angle = 05:05:48.61°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.988

σ = 8.123

min = mean - 0.125 σ = 1029.973

max = mean + 0.75 σ = 1037.08

Azimuth = 290.84°

Elevation = 25.68°

Hour Angle = 05:06:34.74°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1077.283

σ = 10.805

min = mean - 0.125 σ = 1075.932

max = mean + 0.75 σ = 1085.387

Azimuth = 290.91°

Elevation = 25.53°

Hour Angle = 05:07:20.86°

Wind speed = 13.2 km/hr = 8.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1027.966

σ = 7.807

min = mean - 0.125 σ = 1026.99

max = mean + 0.75 σ = 1033.821

Azimuth = 291.0°

Elevation = 25.35°

Hour Angle = 05:08:15.01°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.503

σ = 8.075

min = mean - 0.125 σ = 1029.493

max = mean + 0.75 σ = 1036.559

Azimuth = 291.08°

Elevation = 25.18°

Hour Angle = 05:09:05.15°

Wind speed = 14.32 km/hr = 8.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1079.835

σ = 10.840

min = mean - 0.125 σ = 1078.48

max = mean + 0.75 σ = 1087.966

Azimuth = 291.17°

Elevation = 25.0°

Hour Angle = 05:10:01.30°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1027.922

σ = 7.695

min = mean - 0.125 σ = 1026.96

max = mean + 0.75 σ = 1033.694

Azimuth = 291.26°

Elevation = 24.8°

Hour Angle = 05:11.00.46°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1033.111

σ = 8.061

min = mean - 0.125 σ = 1032.104

max = mean + 0.75 σ = 1039.157

Azimuth = 291.34°

Elevation = 24.64°

Hour Angle = 05:11:50.60°

Wind speed = 12.71 km/hr = 7.9 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1071.675

σ = 10.462

min = mean - 0.125 σ = 1070.367

max = mean + 0.75 σ = 1079.522

Azimuth = 291.41°

Elevation = 24.48°

Hour Angle = 05:12:36.73°

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1028.346

σ = 7.693

min = mean - 0.125 σ = 1027.385

200

max = mean + 0.75 σ = 1034.116

Azimuth = 291.5°

Elevation = 24.3°

Hour Angle = 05:13:31.88°

400

Wind speed = 12.07 km/hr = 7.5 miles/hr

Wind Direction = 135.0° E of N

600

800

0

200

400

600

800

0

Mean = 1080.642

σ = 10.976

min = mean - 0.125 σ = 1079.27

max = mean + 0.75 σ = 1088.874

Azimuth = 291.59°

Elevation = 24.13°

Hour Angle = 05:14:25.02°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1028.890

σ = 7.909

min = mean - 0.125 σ = 1027.902

max = mean + 0.75 σ = 1034.822

Azimuth = 291.67°

Elevation = 23.95°

Hour Angle = 05:15:17.16°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1031.738

σ = 7.993

min = mean - 0.125 σ = 1030.739

max = mean + 0.75 σ = 1037.733

Azimuth = 291.77°

Elevation = 23.76°

Hour Angle = 05:16:16.33°

Wind speed = 10.94 km/hr = 6.8 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1074.114

σ = 10.995

min = mean - 0.125 σ = 1072.74

200

max = mean + 0.75 σ = 1082.361

Azimuth = 291.86°

Elevation = 23.58°

Hour Angle = 05:17:12.48°

400

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

600

800

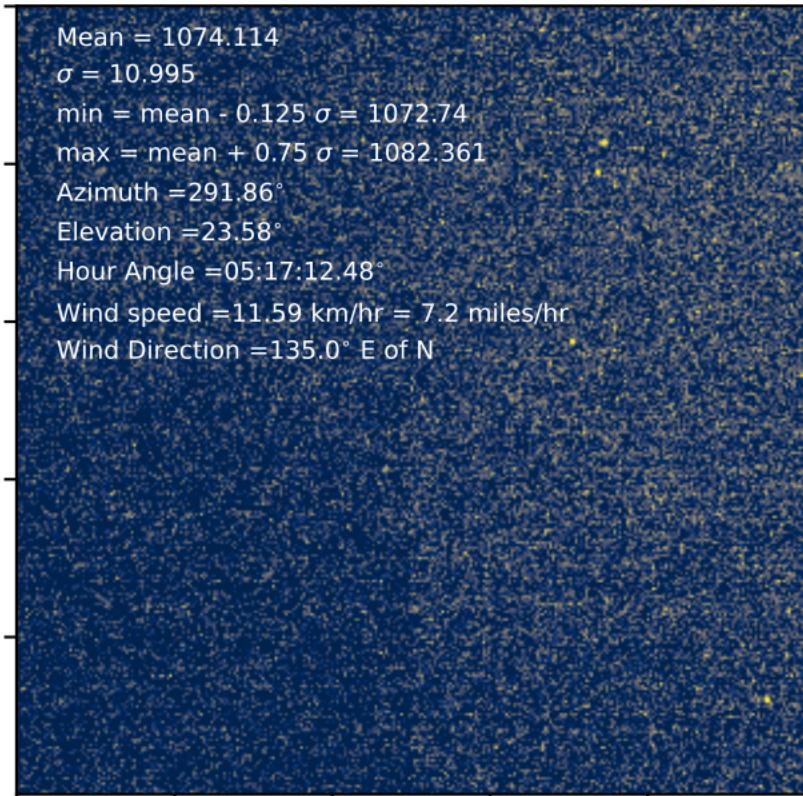
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200

400

600

800



0

Mean = 1028.488

σ = 7.767

min = mean - 0.125 σ = 1027.517

max = mean + 0.75 σ = 1034.313

Azimuth = 291.95°

Elevation = 23.39°

Hour Angle = 05:18:07.63°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1072.354

σ = 10.502

min = mean - 0.125 σ = 1071.041

200

max = mean + 0.75 σ = 1080.23

Azimuth = 292.03°

Elevation = 23.22°

Hour Angle = 05:18:59.77°

400

Wind speed = 15.77 km/hr = 9.8 miles/hr

Wind Direction = 135.0° E of N

600

800

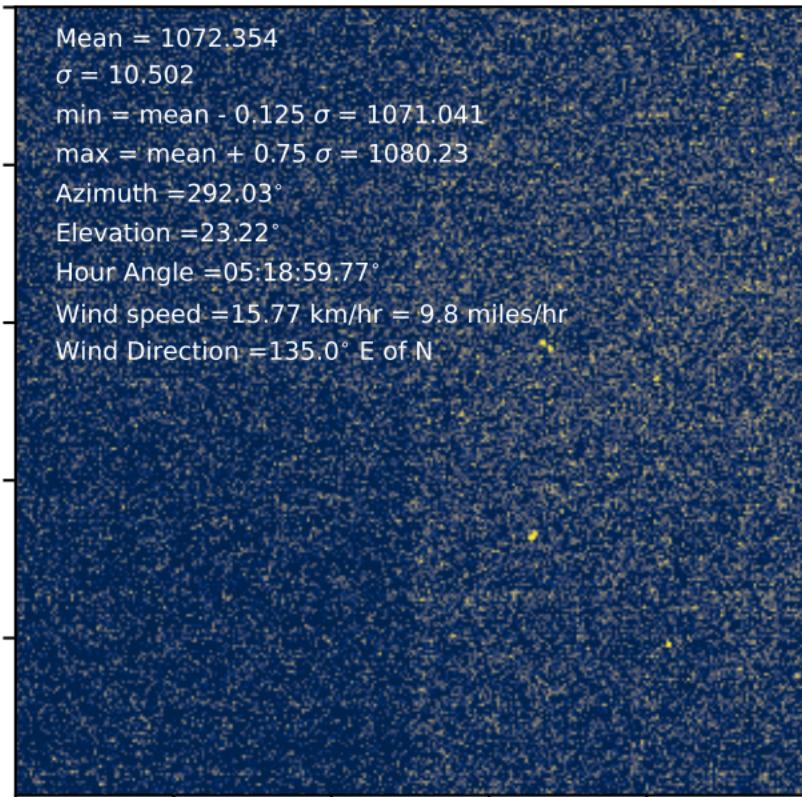
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200

400

600

800



0

Mean = 1026.969

σ = 7.655

min = mean - 0.125 σ = 1026.012

max = mean + 0.75 σ = 1032.71

Azimuth = 292.12°

Elevation = 23.04°

Hour Angle = 05:19:54.92°

Wind speed = 13.52 km/hr = 8.4 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1030.171

σ = 7.851

min = mean - 0.125 σ = 1029.189

max = mean + 0.75 σ = 1036.059

Azimuth = 292.24°

Elevation = 22.8°

Hour Angle = 05:21:10.13°

Wind speed = 13.84 km/hr = 8.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1072.903

σ = 10.577

min = mean - 0.125 σ = 1071.581

max = mean + 0.75 σ = 1080.836

Azimuth = 292.32°

Elevation = 22.64°

Hour Angle = 05:21:58.26°

Wind speed = 11.27 km/hr = 7.0 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1028.857

σ = 7.783

min = mean - 0.125 σ = 1027.884

max = mean + 0.75 σ = 1034.694

Azimuth = 292.41°

Elevation = 22.46°

Hour Angle = 05:22:52.41°

Wind speed = 11.59 km/hr = 7.2 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1077.640

σ = 10.977

min = mean - 0.125 σ = 1076.268

max = mean + 0.75 σ = 1085.873

Azimuth = 292.5°

Elevation = 22.28°

Hour Angle = 05:23:47.56°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1029.839

σ = 7.856

min = mean - 0.125 σ = 1028.857

max = mean + 0.75 σ = 1035.731

Azimuth = 292.59°

Elevation = 22.09°

Hour Angle = 05:24:45.72°

Wind speed = 9.01 km/hr = 5.6 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1028.646

σ = 7.779

min = mean - 0.125 σ = 1027.674

max = mean + 0.75 σ = 1034.481

Azimuth = 292.68°

Elevation = 21.92°

Hour Angle = 05:25:36.86°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

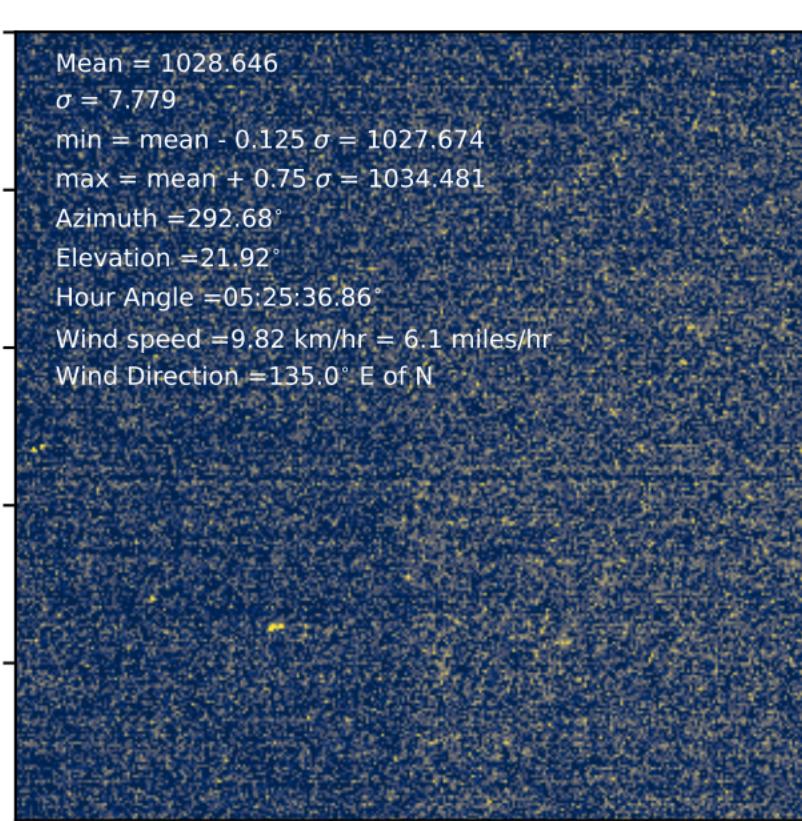
0

200

400

600

800



0

Mean = 1074.955

σ = 10.631

min = mean - 0.125 σ = 1073.626

max = mean + 0.75 σ = 1082.928

Azimuth = 292.77°

Elevation = 21.73°

Hour Angle = 05:26:36.02°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

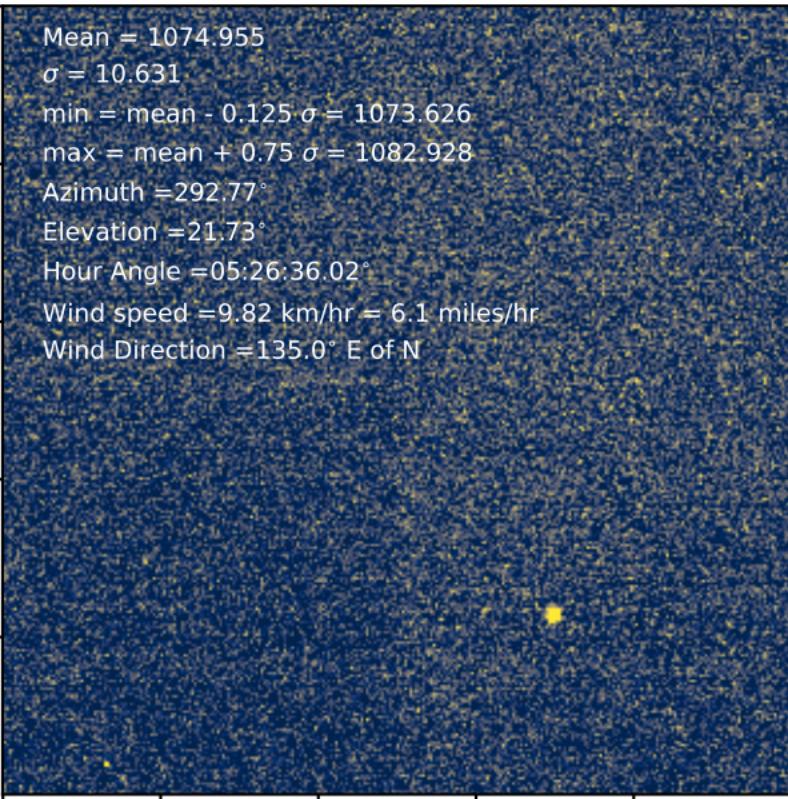
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200

400

600

800



0

Mean = 1034.436

σ = 8.233

min = mean - 0.125 σ = 1033.407

max = mean + 0.75 σ = 1040.611

Azimuth = 292.86°

Elevation = 21.56°

Hour Angle = 05:27:27.16°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

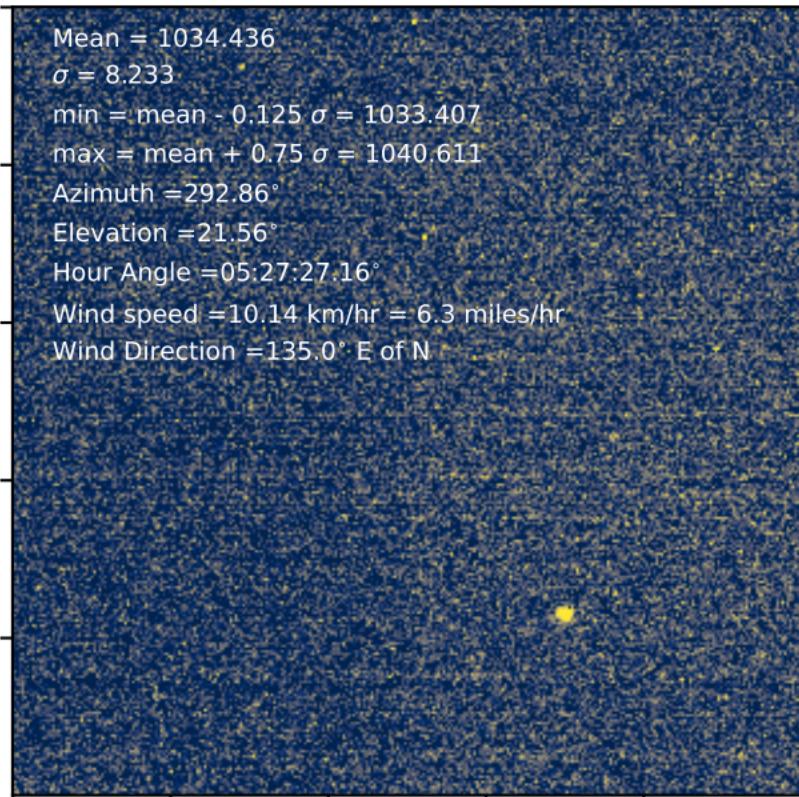
0

200

400

600

800



0

Mean = 1100.867

σ = 11.923

min = mean - 0.125 σ = 1099.377

max = mean + 0.75 σ = 1109.809

Azimuth = 292.97°

Elevation = 21.35°

Hour Angle = 05:28:33.34°

Wind speed = 10.14 km/hr = 6.3 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

0

Mean = 1038.941

σ = 8.446

min = mean - 0.125 σ = 1037.885

200

max = mean + 0.75 σ = 1045.275

Azimuth = 293.05°

Elevation = 21.18°

400

Hour Angle = 05:29:24.48°

Wind speed = 9.82 km/hr = 6.1 miles/hr

600

Wind Direction = 135.0° E of N

800

0

200

400

600

800

0

Mean = 1039.671

σ = 8.692

min = mean - 0.125 σ = 1038.585

max = mean + 0.75 σ = 1046.191

Azimuth = 293.13°

Elevation = 21.03°

Hour Angle = 05:30:09.60°

Wind speed = 9.82 km/hr = 6.1 miles/hr

Wind Direction = 135.0° E of N

200

400

600

800

0

200

400

600

800

