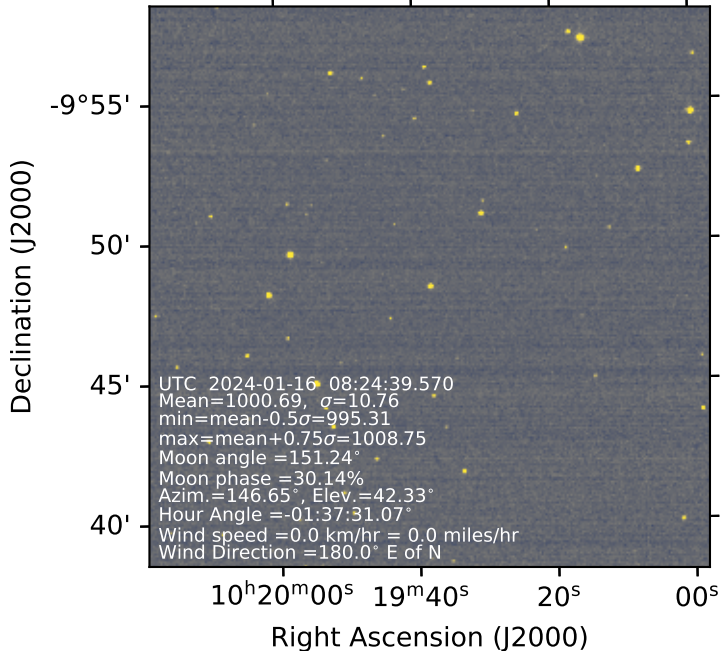


mjc01630 (R filter)



mjc016120 (R filter)

Declination (J2000)

-9°55'

50'

45'

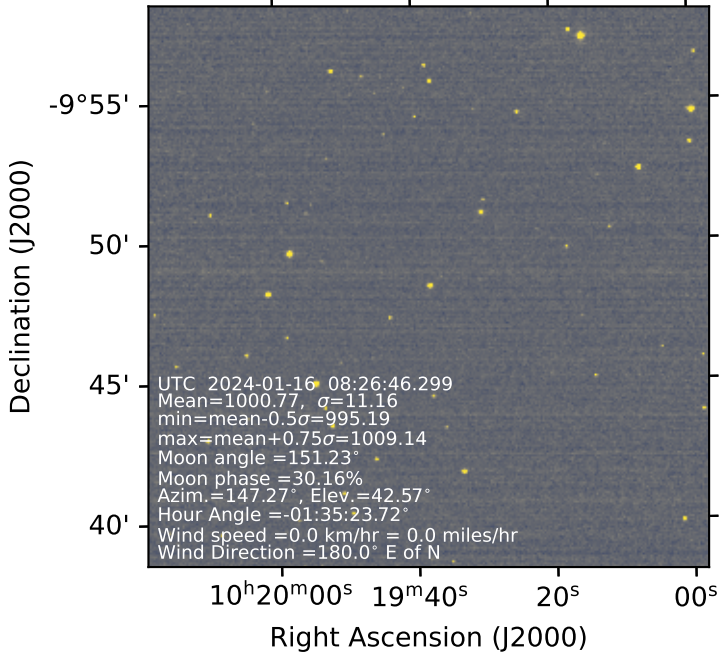
40'

UTC 2024-01-16 08:26:00.330
Mean=1022.00, σ =129.44
min=mean-0.5 σ =957.27
max=mean+0.75 σ =1119.08
Moon angle =151.23°
Moon phase =30.15%
Azim.=146.96°, Elev.=42.45°
Hour Angle =-01:36:25.89°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01631 (R filter)



mjc016121 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 08:27:27.339
Mean=1021.97, σ =158.45
min=mean-0.5 σ =942.75
max=mean+0.75 σ =1140.8
Moon angle =151.22°
Moon phase =30.16%
Azim.=147.39°, Elev.=42.62°
Hour Angle =-01:34:58.66°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01632 (R filter)

Declination (J2000)

-9°55'

50'

45'

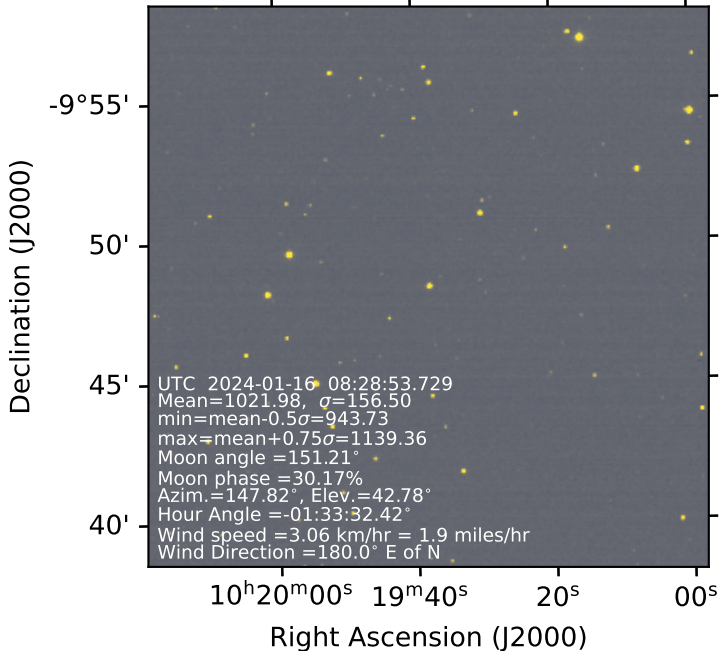
40'

UTC 2024-01-16 08:28:13.029
Mean=1000.73, σ =11.07
min=mean-0.5 σ =995.19
max=mean+0.75 σ =1009.03
Moon angle =151.21°
Moon phase =30.17%
Azim.=147.7°, Elev.=42.74°
Hour Angle =-01:33:56.49°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016122 (R filter)



mjc01633 (R filter)

Declination (J2000)

-9°55'

50'

45'

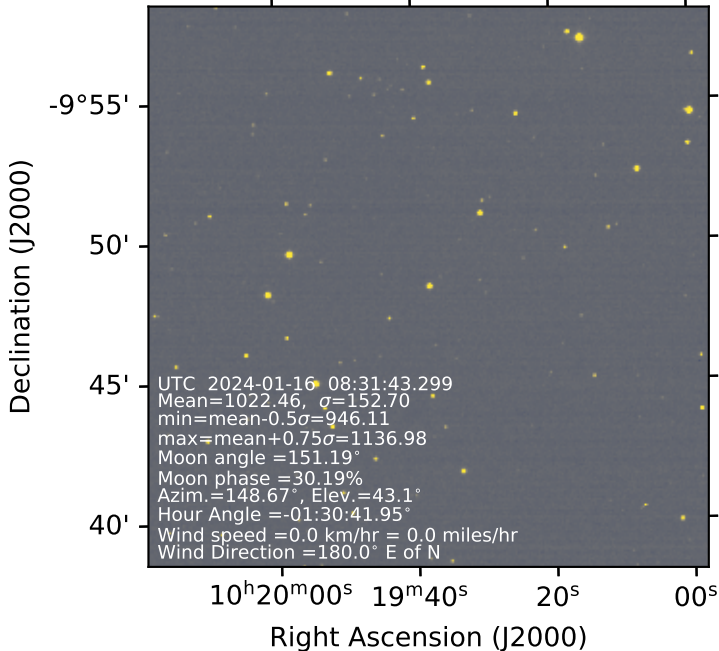
40'

UTC 2024-01-16 08:30:22.379
Mean=1000.72, $\sigma=11.46$
min=mean- $0.5\sigma=994.99$
max=mean+ $0.75\sigma=1009.32$
Moon angle =151.2°
Moon phase =30.18%
Azim.=148.35°, Elev.=42.98°
Hour Angle =-01:31:47.13°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =180.0° E of N

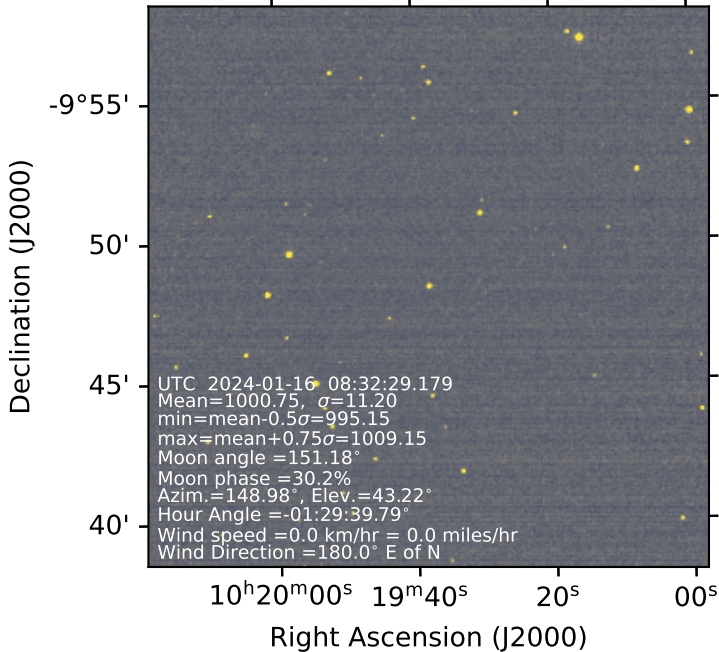
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

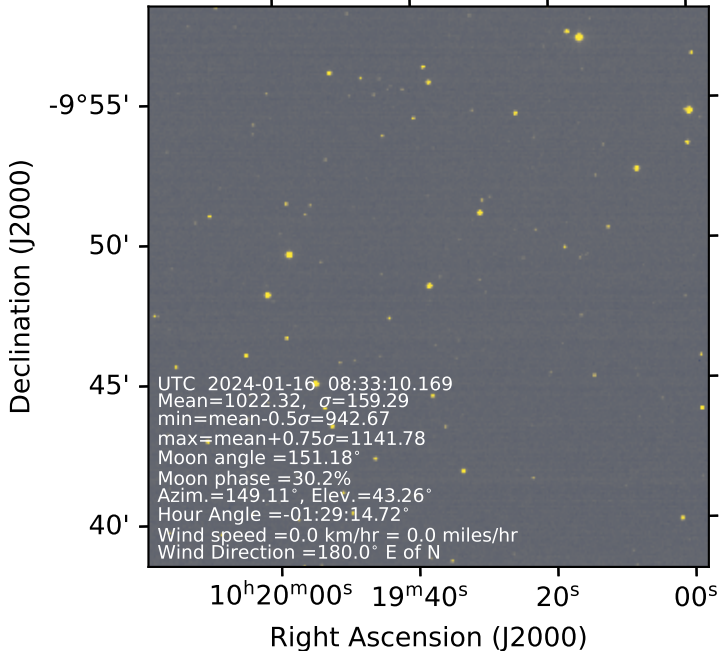
mjc016123 (R filter)



mjc01634 (R filter)



mjc016124 (R filter)



mjc01635 (R filter)

Declination (J2000)

-9°55'

50'

45'

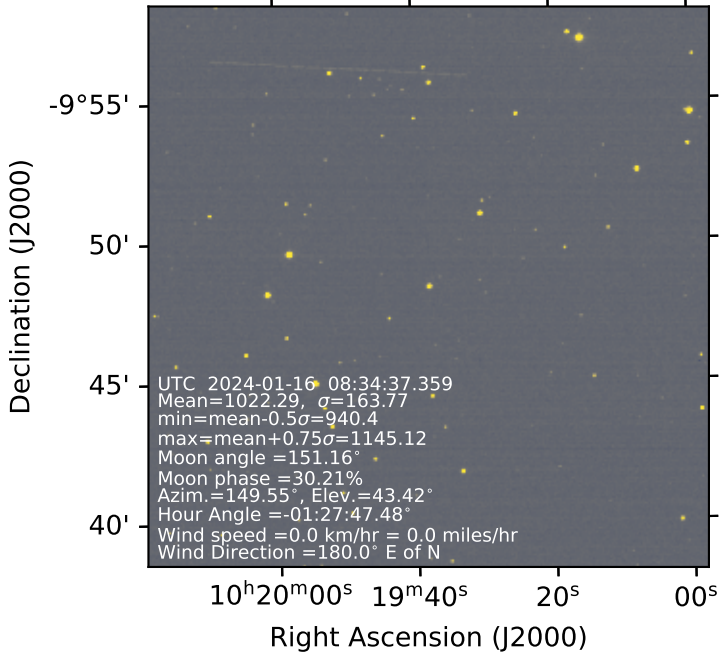
40'

UTC 2024-01-16 08:33:57.109
Mean=1000.76, $\sigma=11.06$
min=mean-0.5 σ =995.23
max=mean+0.75 σ =1009.05
Moon angle =151.17°
Moon phase =30.21%
Azim.=149.43°, Elev.=43.38°
Hour Angle =-01:28:11.54"
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016125 (R filter)



mjc01636 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 08:36:06.580
Mean=1000.71, σ =11.35
min=mean-0.5 σ =995.03
max=mean+0.75 σ =1009.22
Moon angle =151.15°
Moon phase =30.23%
Azim.=150.09°, Elev.=43.61°
Hour Angle =-01:26:02.19°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01637 (R filter)

Declination (J2000)

-9°55'

50'

45'

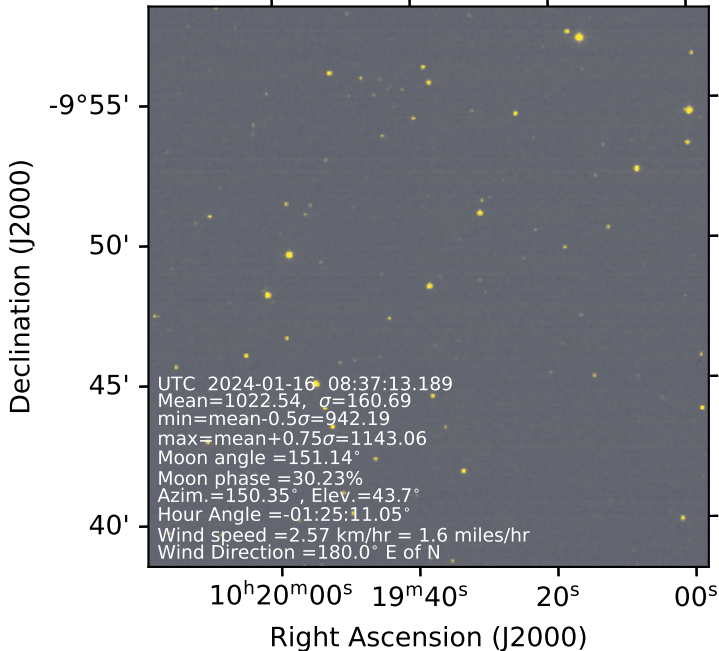
40'

UTC 2024-01-16 08:36:31.910
Mean=1000.74, σ =10.56
min=mean-0.5 σ =995.46
max=mean+0.75 σ =1008.66
Moon angle =151.15°
Moon phase =30.23%
Azim.=150.22°, Elev.=43.65°
Hour Angle =-01:25:36.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

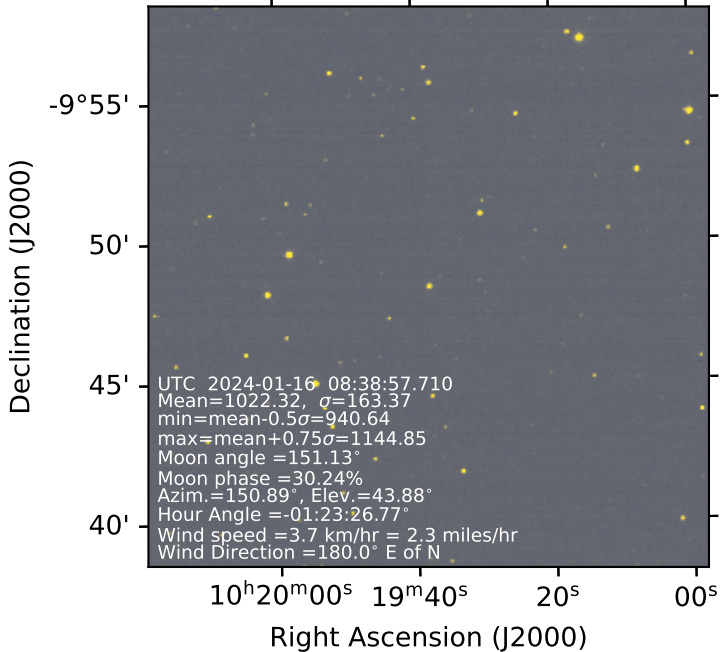
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016126 (R filter)



mjc016127 (R filter)



mjc01638 (R filter)

Declination (J2000)

-9°55'

50'

45'

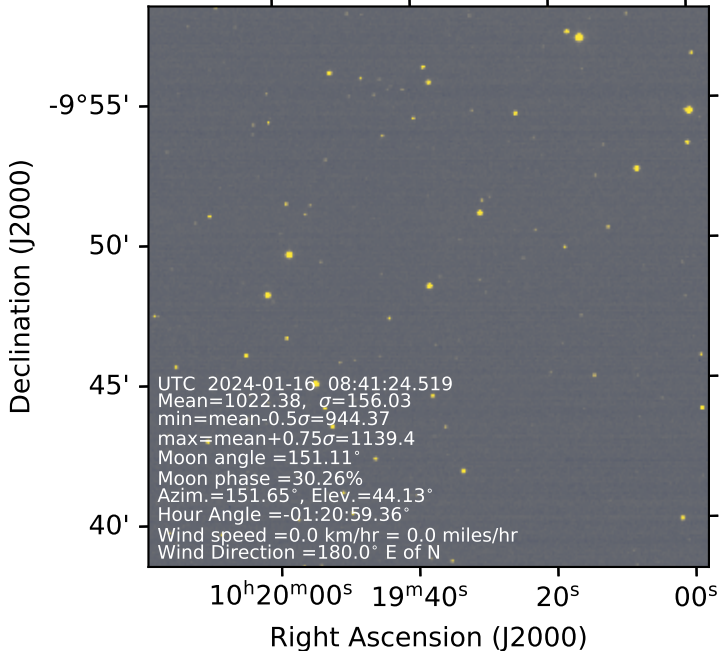
40'

UTC 2024-01-16 08:39:43.259
Mean=1000.73, $\sigma=11.39$
min=mean-0.5 σ =995.03
max=mean+0.75 σ =1009.28
Moon angle =151.12°
Moon phase =30.25%
Azim.=151.21°, Elev.=43.99°
Hour Angle =-01:22:24.60"
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

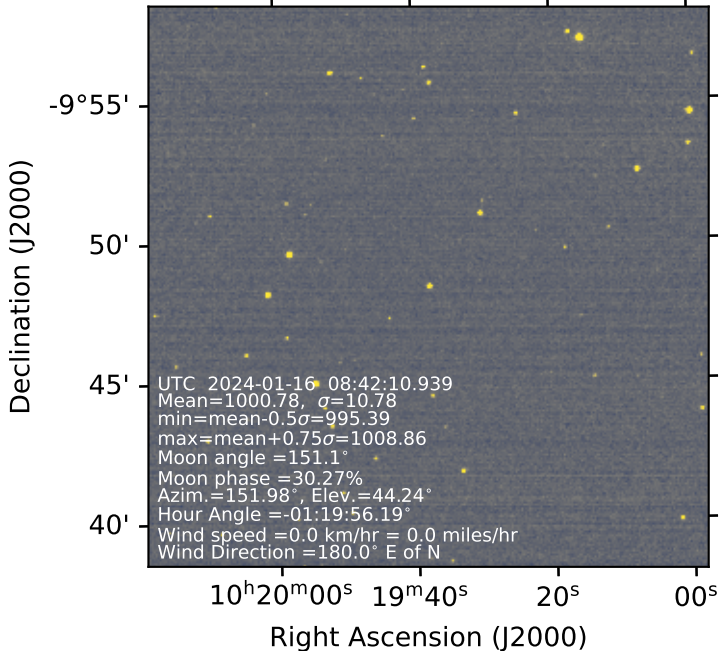
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

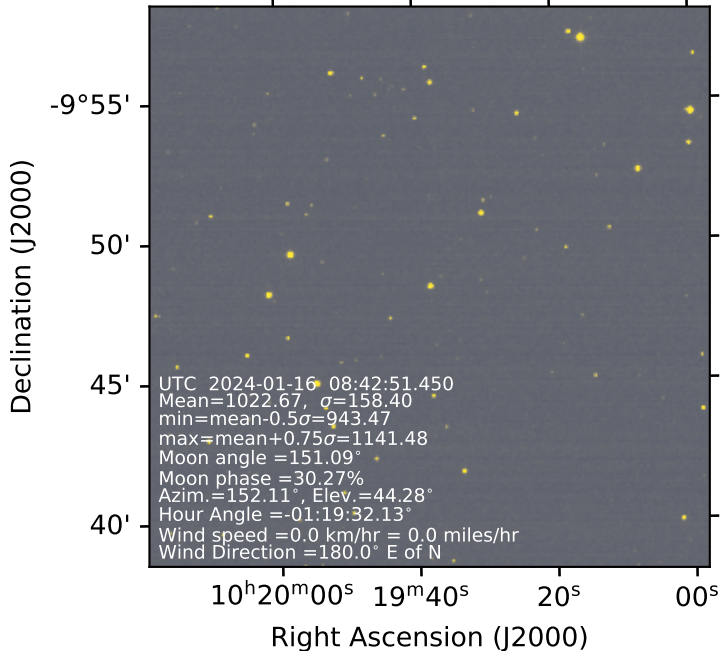
mjc016128 (R filter)



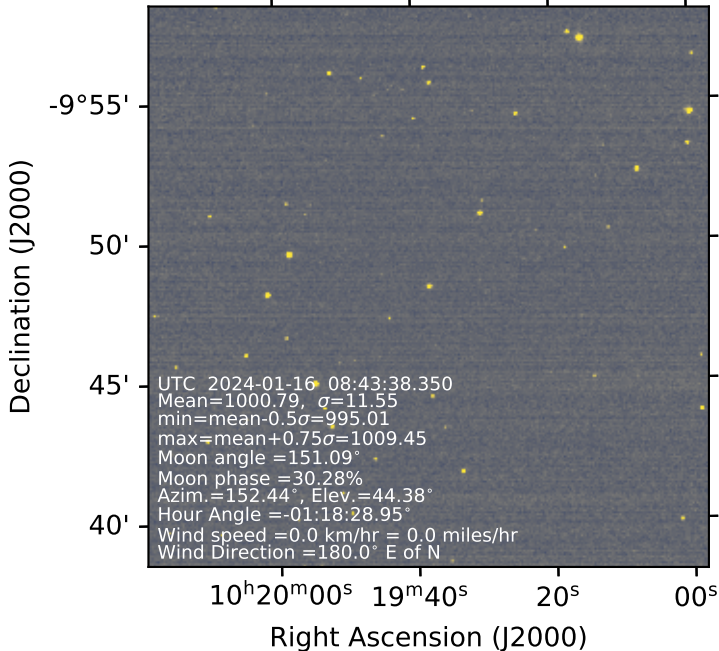
mjc01639 (R filter)



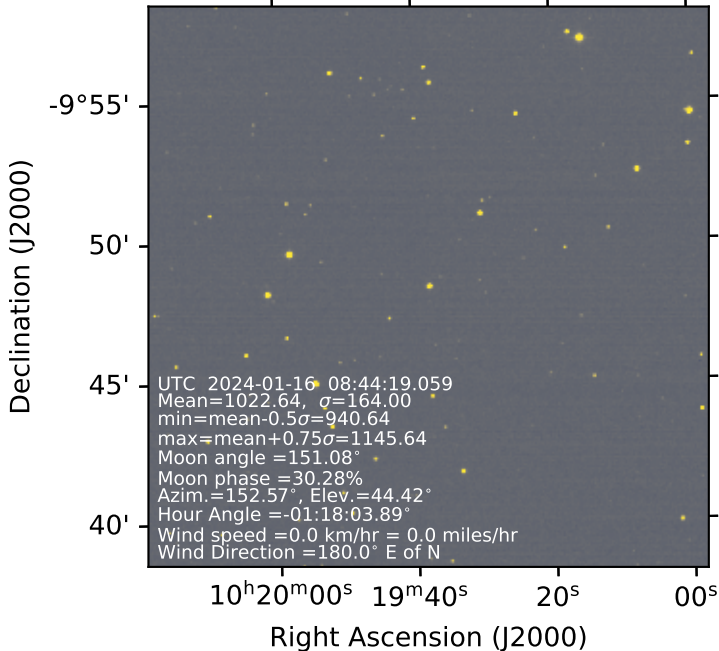
mjc016129 (R filter)



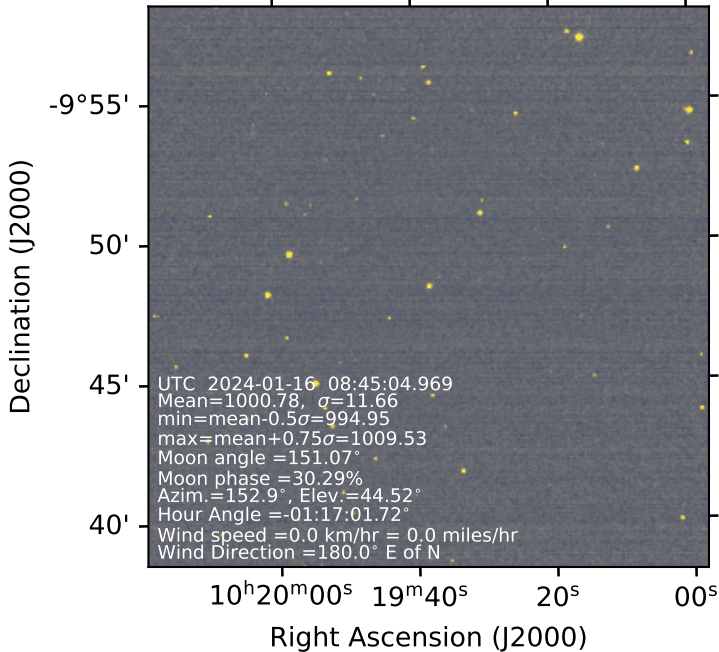
mjc0163a (R filter)



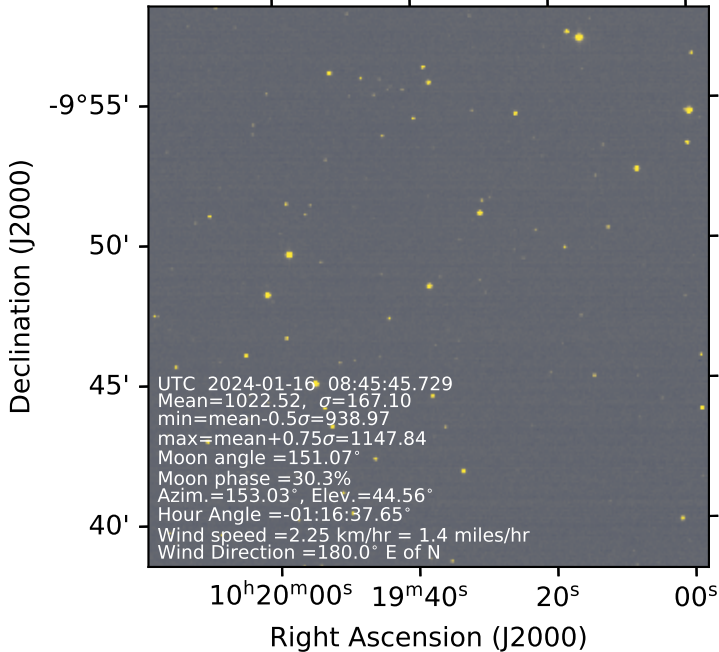
mjc01612a (R filter)



mjc0163b (R filter)



mjc01612b (R filter)



mjc0163c (R filter)

Declination (J2000)

-9°55'

50'

45'

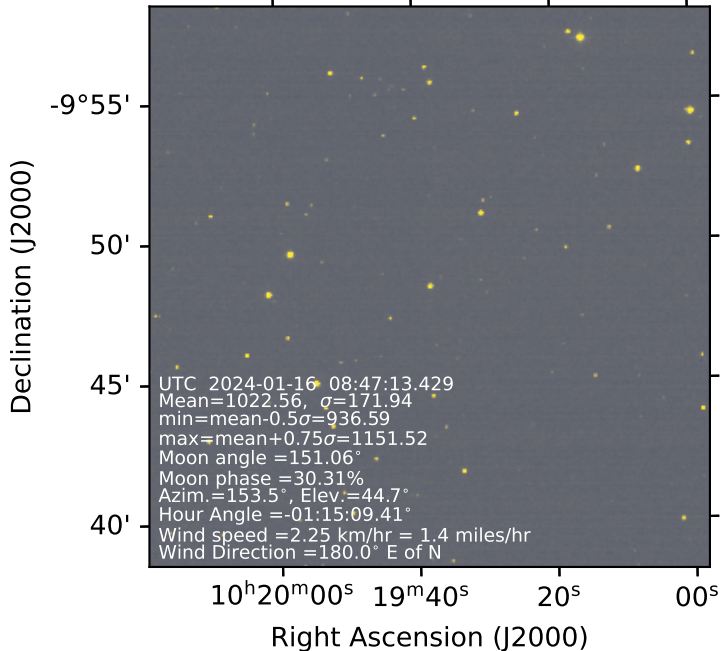
40'

UTC 2024-01-16 08:46:32.039
Mean=1000.76, σ =11.72
min=mean-0.5 σ =994.9
max=mean+0.75 σ =1009.55
Moon angle =151.06°
Moon phase =30.3%
Azim.=153.36°, Elev.=44.66°
Hour Angle =-01:15:34.48"
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01612c (R filter)



mjc0163d (R filter)

Declination (J2000)

-9°55'

50'

45'

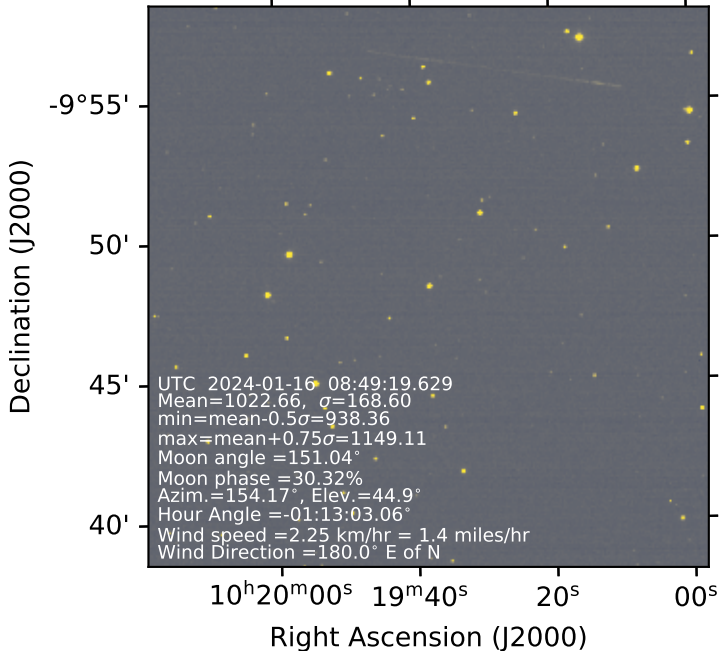
40'

UTC 2024-01-16 08:47:59.820
Mean=1000.77, σ =11.69
min=mean-0.5 σ =994.93
max=mean+0.75 σ =1009.54
Moon angle =151.05°
Moon phase =30.31%
Azim.=153.83°, Elev.=44.8°
Hour Angle =-01:14:07.24°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01612d (R filter)



mjc0163e (R filter)

Declination (J2000)

-9°55'

50'

45'

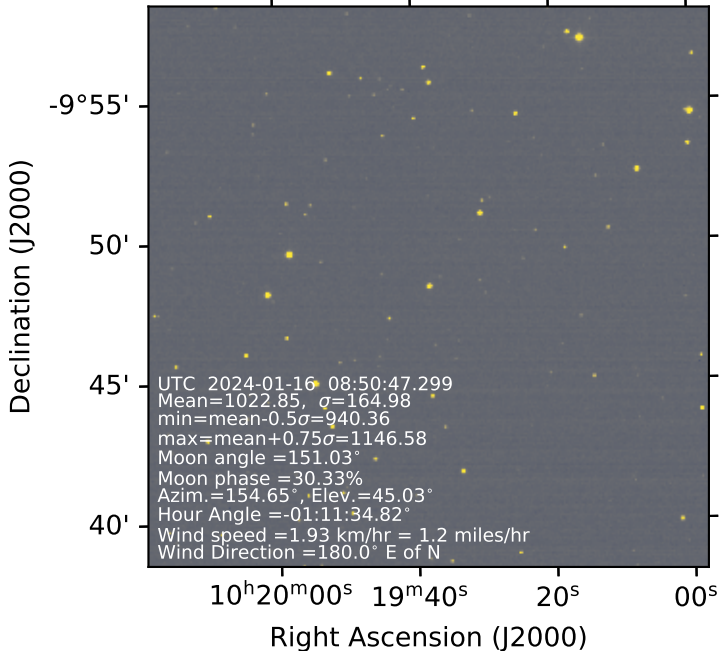
40'

UTC 2024-01-16 08:50:06.209
Mean=1000.78, σ =11.42
min=mean-0.5 σ =995.07
max=mean+0.75 σ =1009.34
Moon angle =151.03°
Moon phase =30.33%
Azim.=154.51°, Elev.=45.0°
Hour Angle =-01:11:59.89°
Wind speed =2.25 km/hr = 1.4 miles/hr
Wind Direction =180.0° E of N

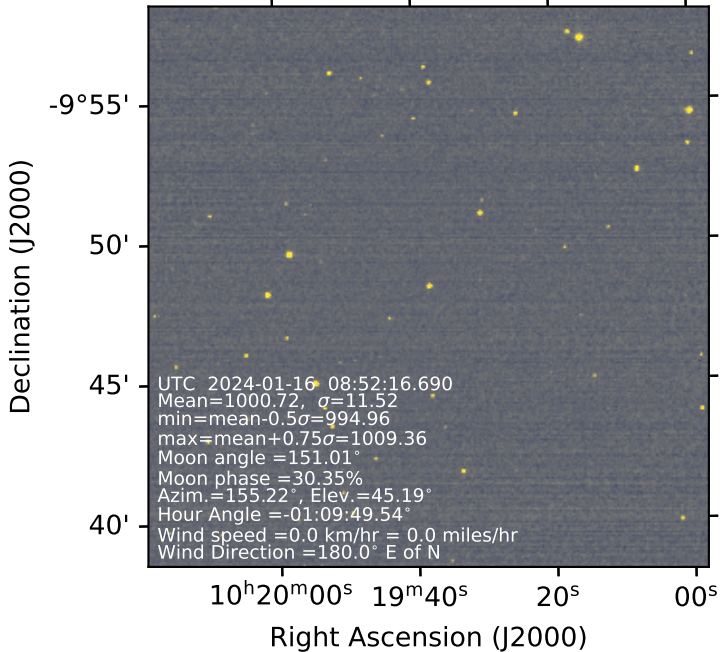
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

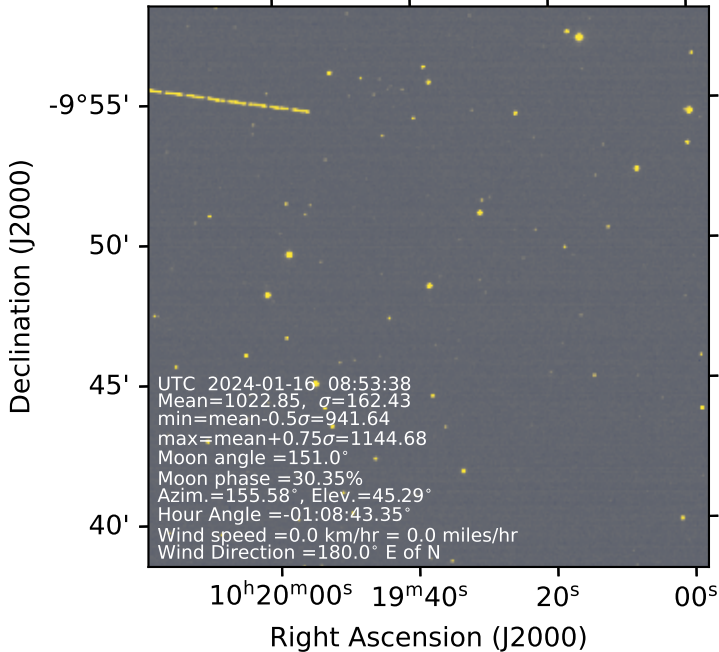
mjc01612e (R filter)



mjc0163f (R filter)



mjc01612f (R filter)



mjc01640 (R filter)

Declination (J2000)

-9°55'

50'

45'

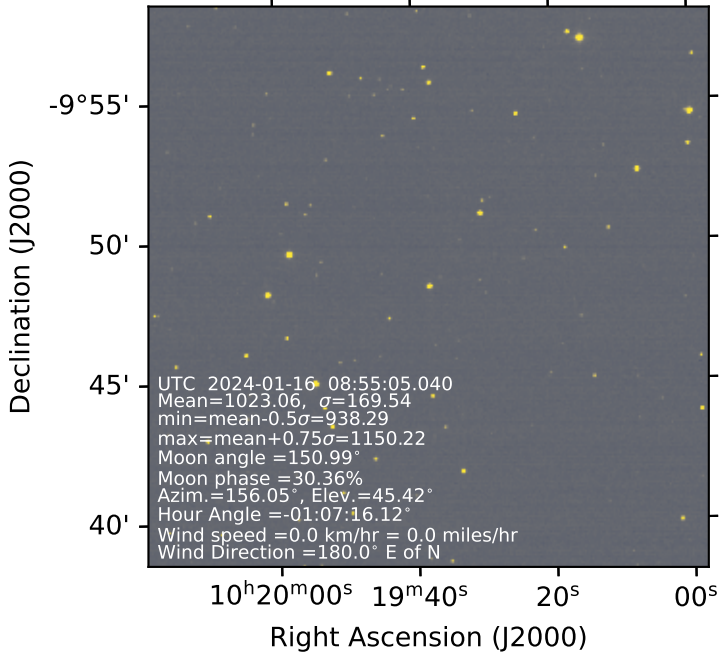
40'

UTC 2024-01-16 08:54:24.370
Mean=1000.78, σ =11.49
min=mean-0.5 σ =995.04
max=mean+0.75 σ =1009.4
Moon angle =150.99°
Moon phase =30.36%
Azim.=155.92°, Elev.=45.38°
Hour Angle =-01:07:41.19°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016130 (R filter)



mjc01641 (R filter)

Declination (J2000)

-9°55'

50'

45'

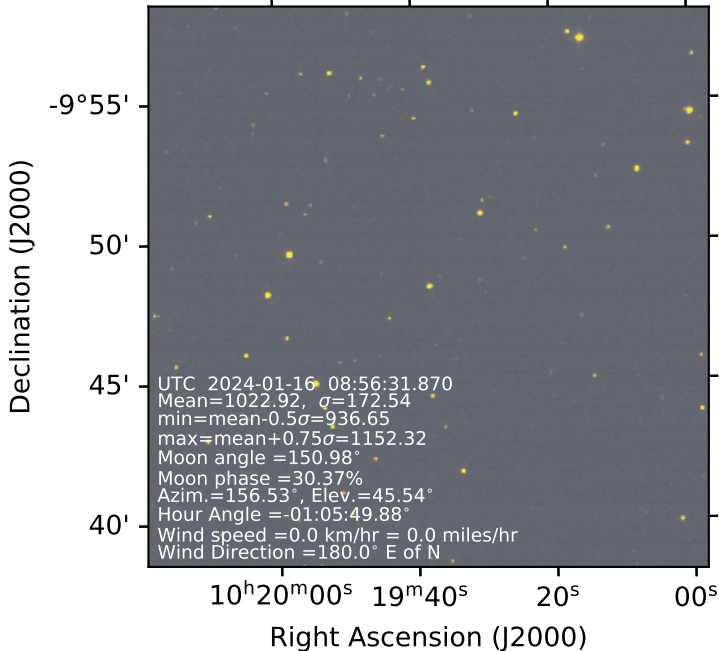
40'

UTC 2024-01-16 08:55:50.450
Mean=1000.79, σ =11.90
min=mean-0.5 σ =994.84
max=mean+0.75 σ =1009.72
Moon angle =150.98°
Moon phase =30.37%
Azim.=156.39°, Elev.=45.5°
Hour Angle =-01:06:14.95°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016131 (R filter)



mjc01642 (R filter)

Declination (J2000)

-9°55'

50'

45'

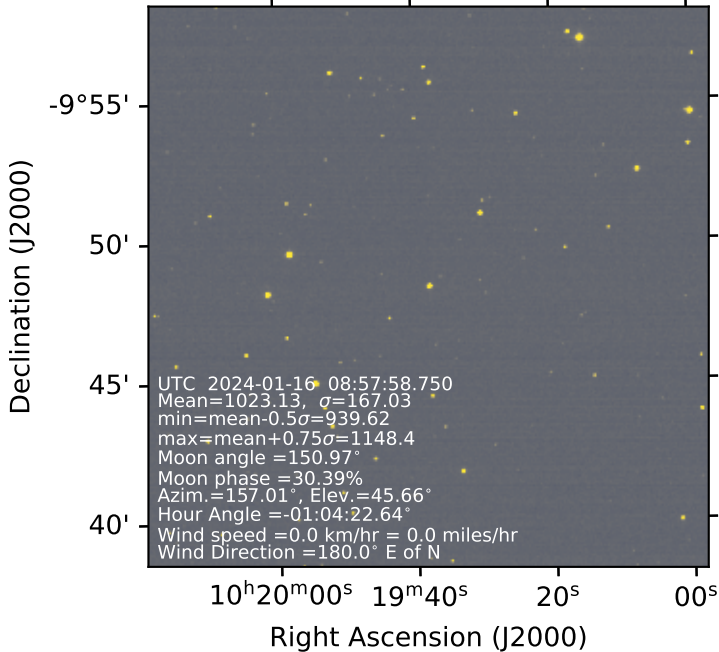
40'

UTC 2024-01-16 08:57:17.739
Mean=1000.77, σ =11.78
min=mean-0.5 σ =994.88
max=mean+0.75 σ =1009.61
Moon angle =150.97°
Moon phase =30.38%
Azim.=156.87°, Elev.=45.63°
Hour Angle =-01:04:47.71"
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016132 (R filter)



mjc01643 (R filter)

Declination (J2000)

-9°55'

50'

45'

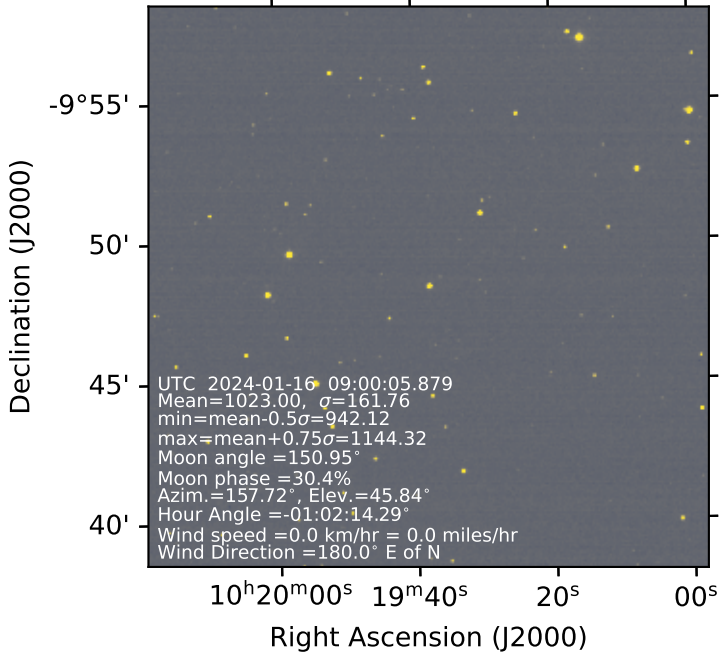
40'

UTC 2024-01-16 08:58:44.549
Mean=1000.80, $\sigma=11.58$
min=mean-0.5 σ =995.02
max=mean+0.75 σ =1009.49
Moon angle =150.96°
Moon phase =30.39%
Azim.=157.35°, Elev.=45.75°
Hour Angle =-01:03:20.47"
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016133 (R filter)



mjc01644 (R filter)

Declination (J2000)

-9°55'

50'

45'

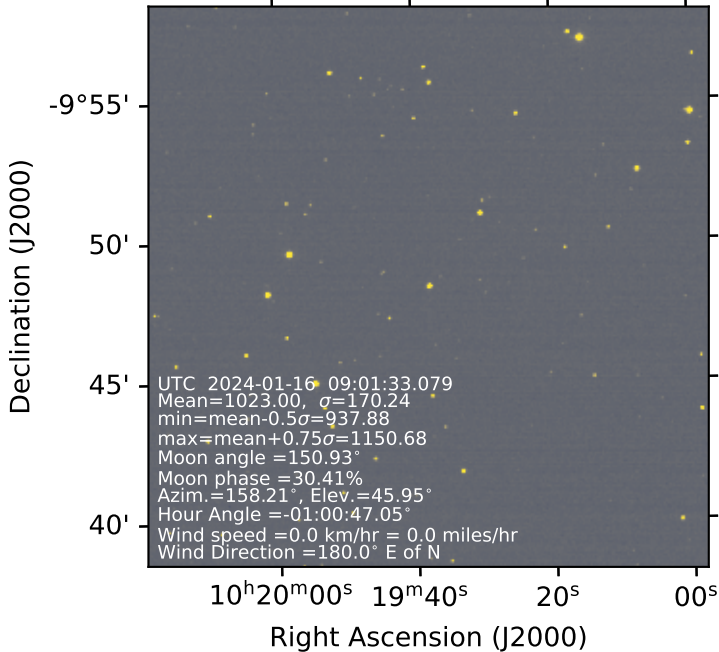
40'

UTC 2024-01-16 09:00:52.280
Mean=1000.81, σ =11.93
min=mean-0.5 σ =994.84
max=mean+0.75 σ =1009.76
Moon angle =150.94°
Moon phase =30.41%
Azim.=158.07°, Elev.=45.92°
Hour Angle =-01:01:12.12"
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016134 (R filter)



mjc01645 (R filter)

Declination (J2000)

-9°55'

50'

45'

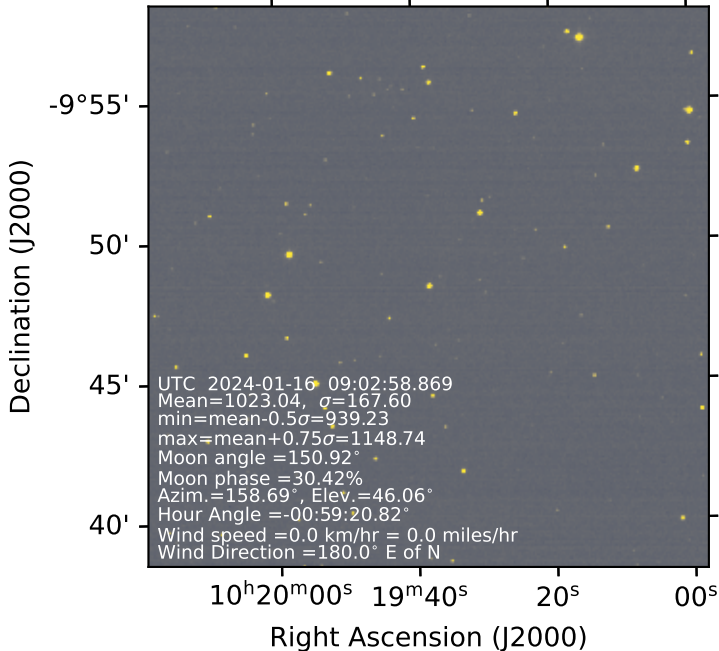
40'

UTC 2024-01-16 09:02:18.559
Mean=1000.82, $\sigma=12.03$
min=mean-0.5 σ =994.8
max=mean+0.75 σ =1009.84
Moon angle =150.93°
Moon phase =30.42%
Azim.=158.55°, Elev.=46.03°
Hour Angle =-00:59:45.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

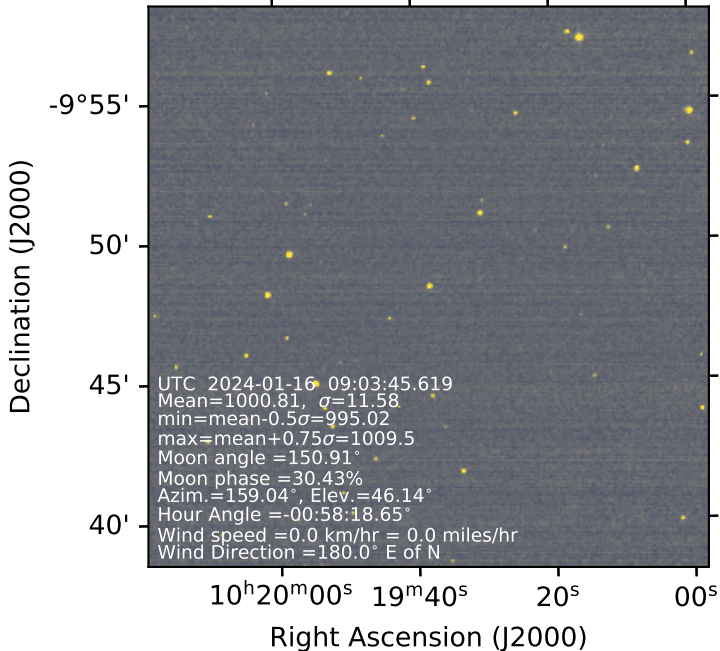
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

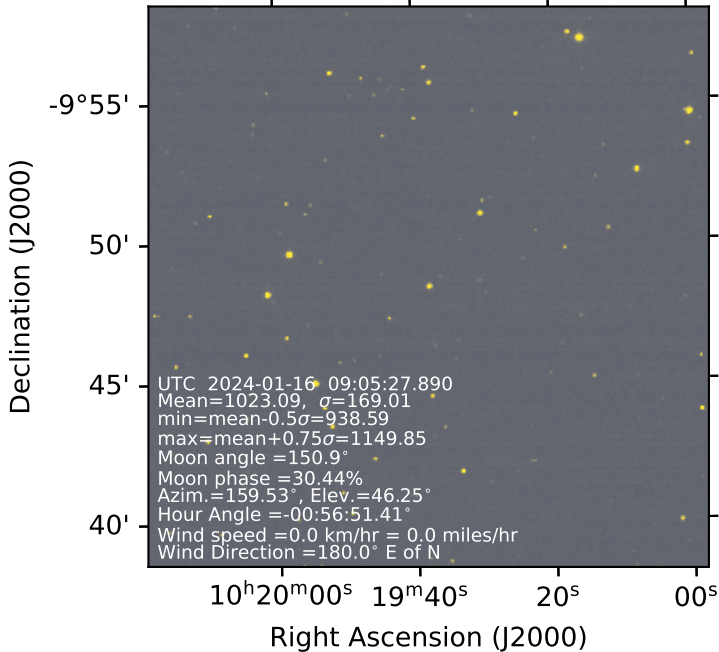
mjc016135 (R filter)



mjc01646 (R filter)



mjc016136 (R filter)



mjc01647 (R filter)

Declination (J2000)

-9°55'

50'

45'

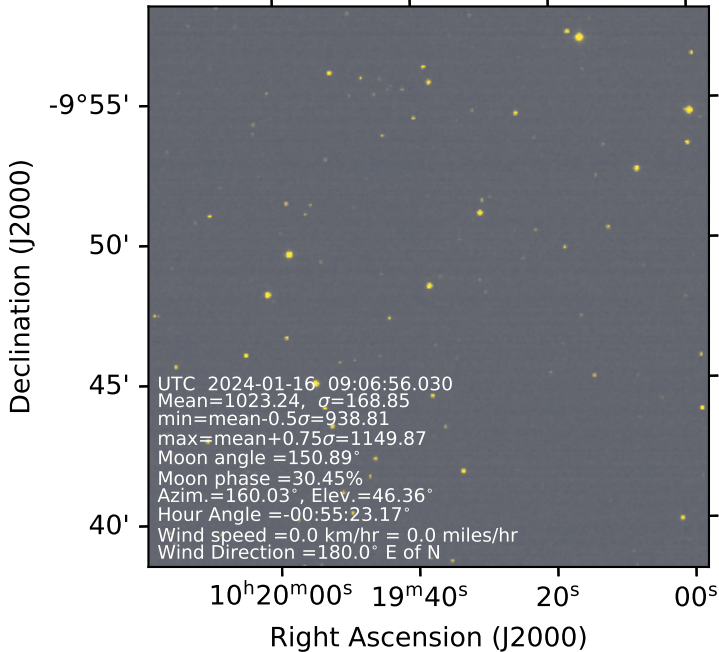
40'

UTC 2024-01-16 09:06:15.369
Mean=1000.82, $\sigma=11.34$
min=mean- $0.5\sigma=995.15$
max=mean+ $0.75\sigma=1009.33$
Moon angle = 150.89°
Moon phase = 30.45%
Azim. = 159.89° , Elev. = 46.33°
Hour Angle = -00:55:48.24"
Wind speed = 0.0 km/hr = 0.0 miles/hr
Wind Direction = 180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016137 (R filter)



mjc01648 (R filter)

Declination (J2000)

-9°55'

50'

45'

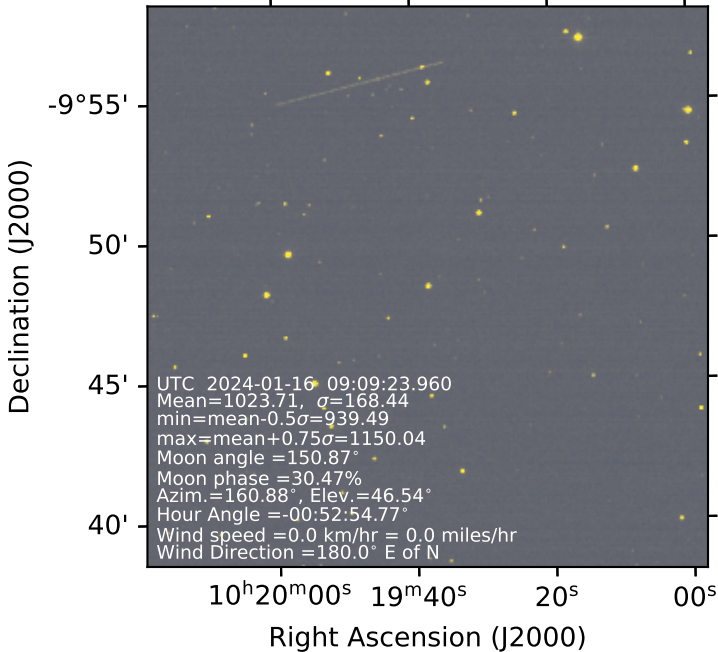
40'

UTC 2024-01-16 09:07:42.200
Mean=1000.80, $\sigma=11.65$
min=mean-0.5 σ =994.98
max=mean+0.75 σ =1009.54
Moon angle =150.88°
Moon phase =30.46%
Azim.=160.38°, Elev.=46.43°
Hour Angle =-00:54:22.00°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

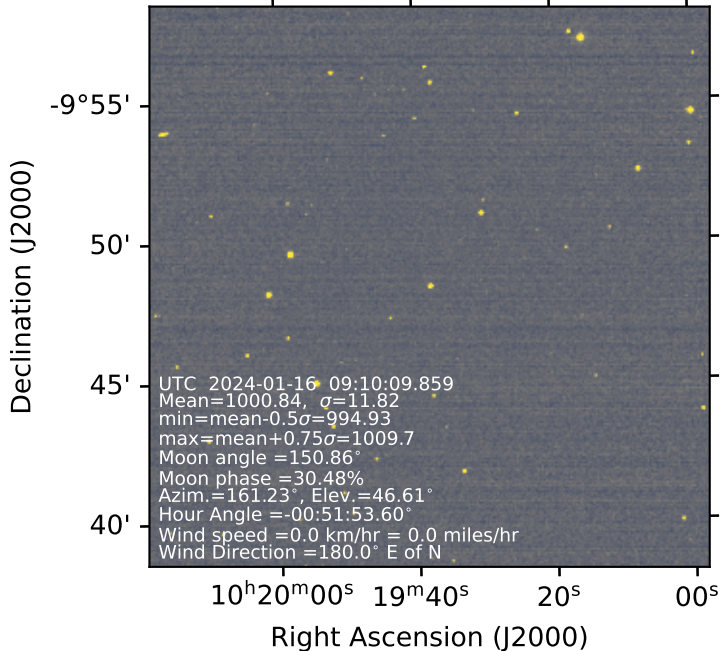
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

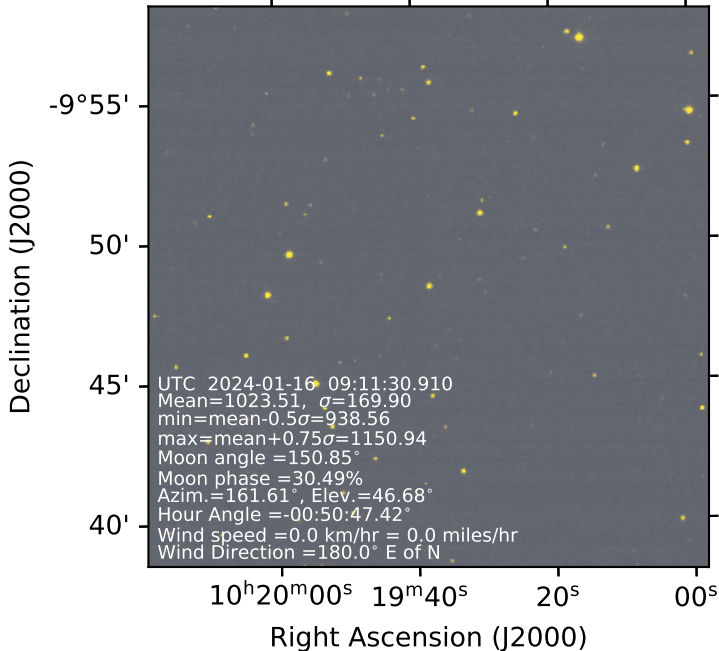
mjc016138 (R filter)



mjc01649 (R filter)



mjc016139 (R filter)



mjc0164a (R filter)

Declination (J2000)

-9°55'

50'

45'

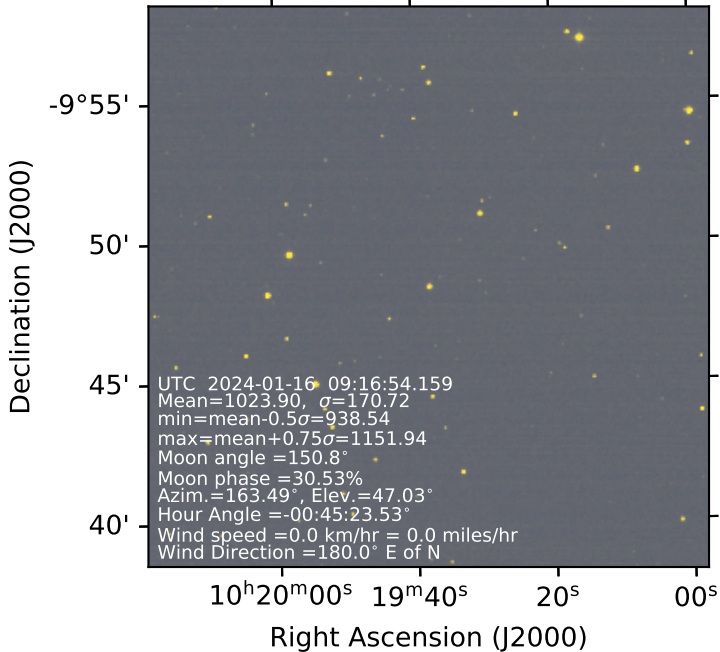
40'

UTC 2024-01-16 09:15:31.489
Mean=1000.83, $\sigma=11.90$
min=mean-0.5 σ =994.88
max=mean+0.75 σ =1009.76
Moon angle =150.81°
Moon phase =30.52%
Azim.=163.09°, Elev.=46.96°
Hour Angle =-00:46:30.72"
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

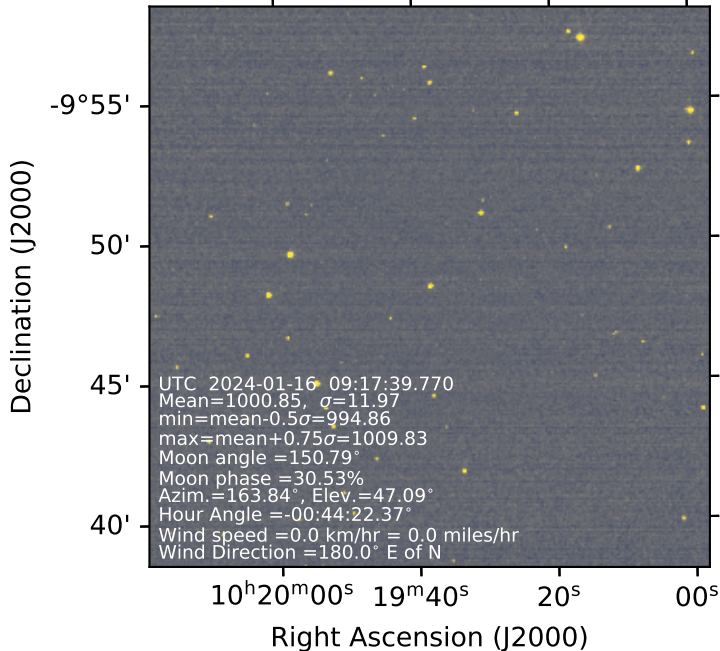
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

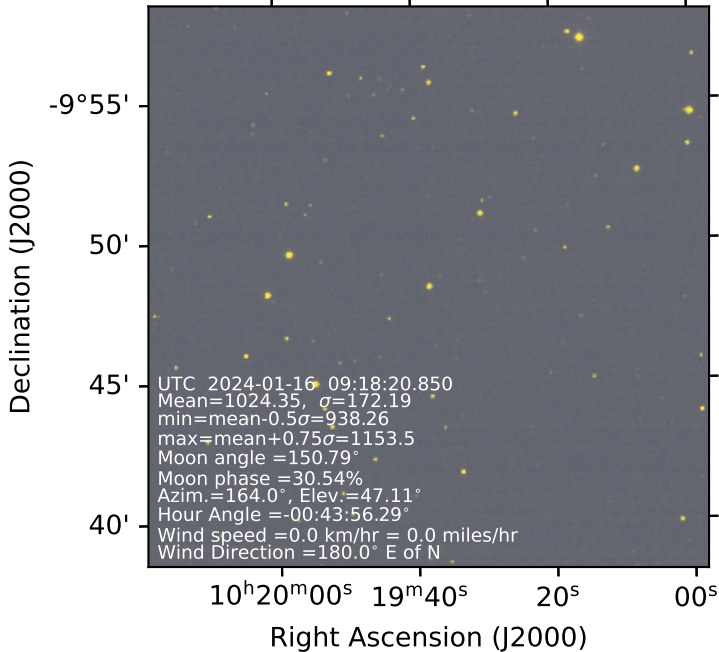
mjc01613a (R filter)



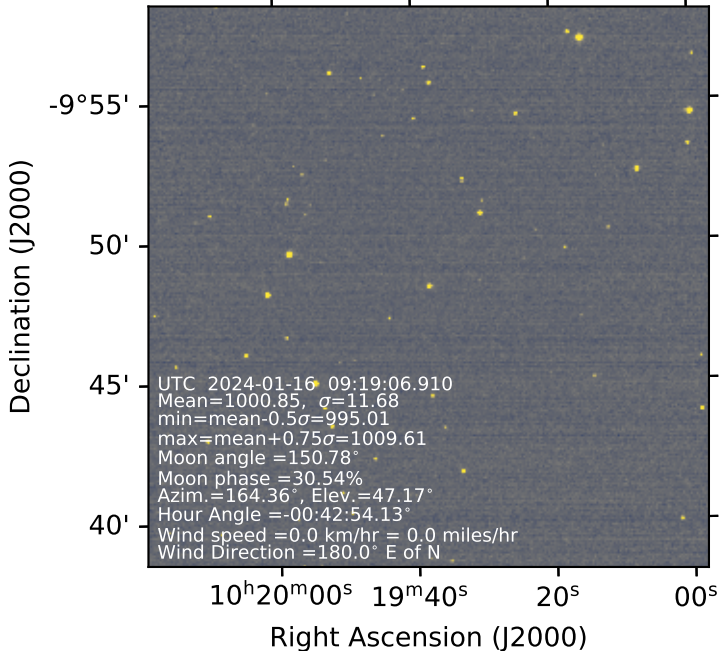
mjc0164b (R filter)



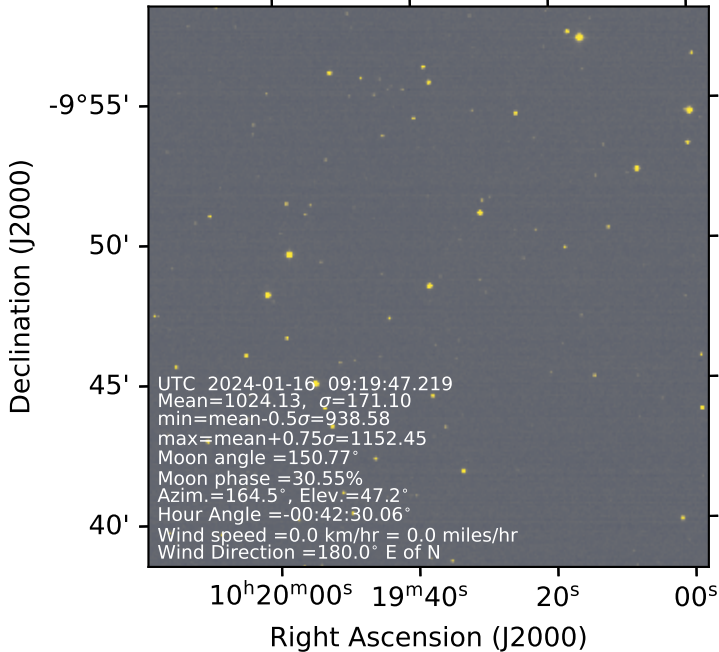
mjc01613b (R filter)



mjc0164c (R filter)



mjc01613c (R filter)



mjc0164d (R filter)

Declination (J2000)

-9°55'

50'

45'

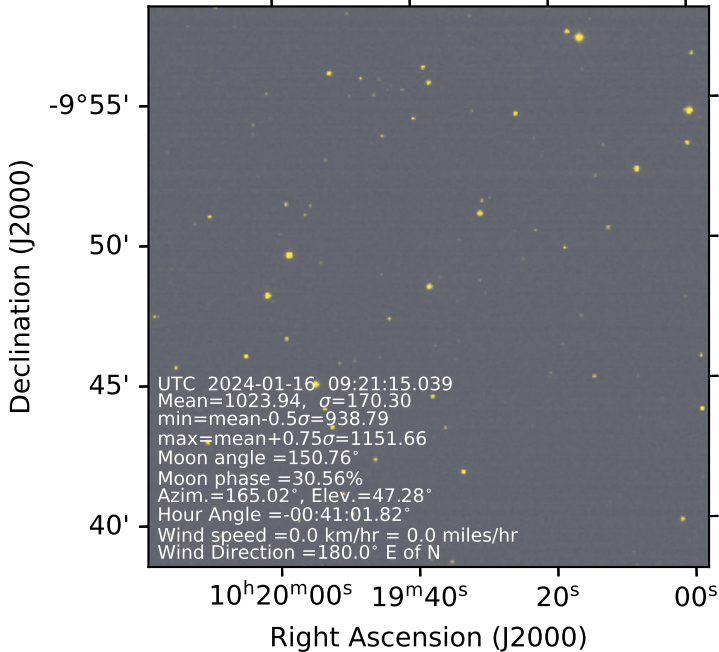
40'

UTC 2024-01-16 09:20:33.689
Mean=1000.85, $\sigma=11.83$
min=mean-0.5 σ =994.94
max=mean+0.75 σ =1009.73
Moon angle =150.77°
Moon phase =30.55%
Azim.=164.87°, Elev.=47.25°
Hour Angle =-00:41:27.89°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

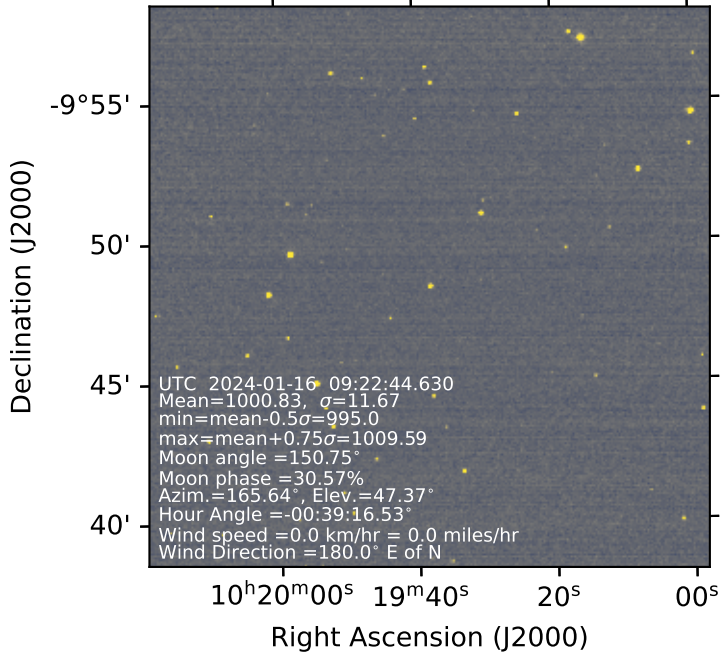
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

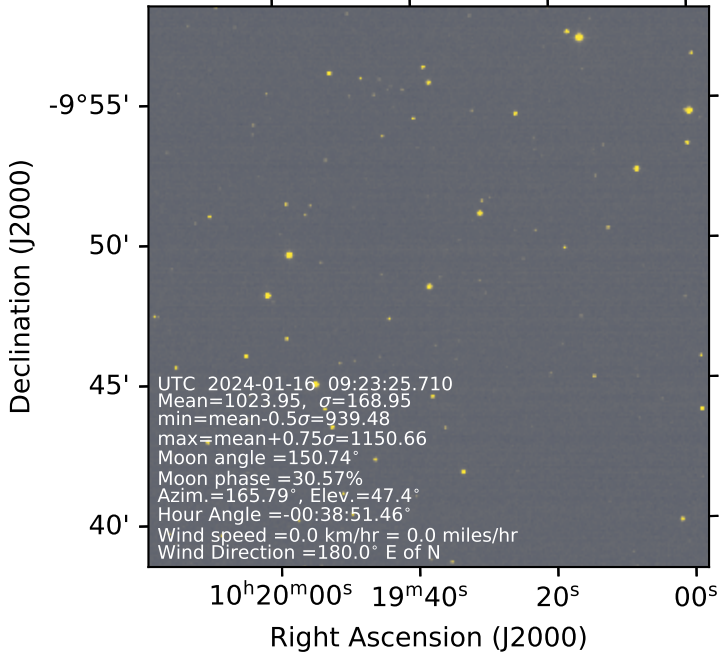
mjc01613d (R filter)



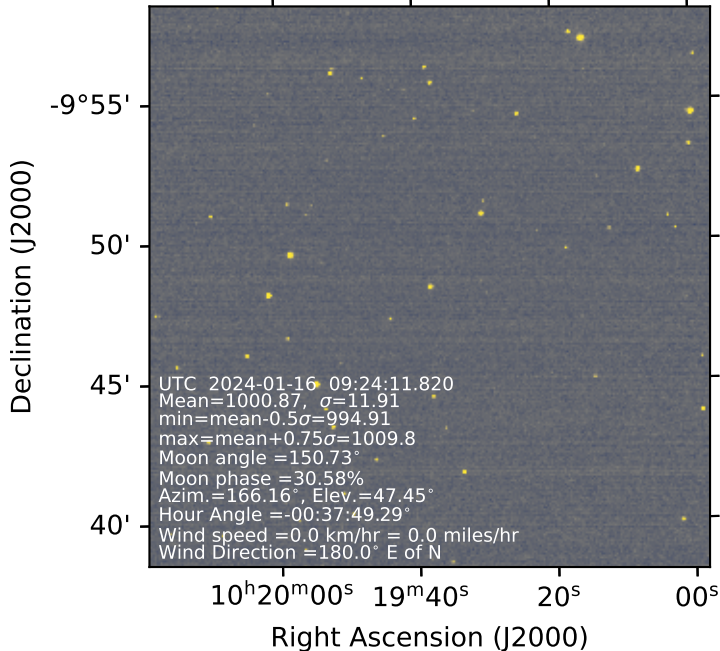
mjc0164e (R filter)



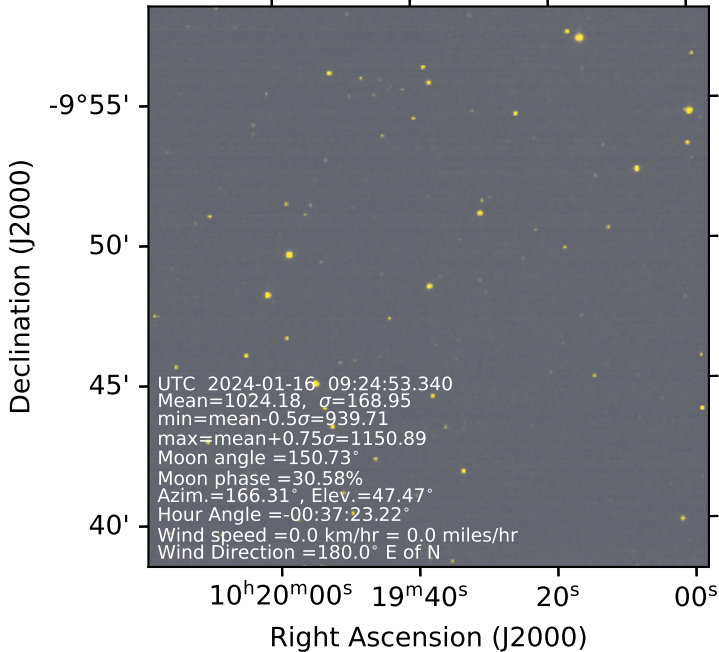
mjc01613e (R filter)



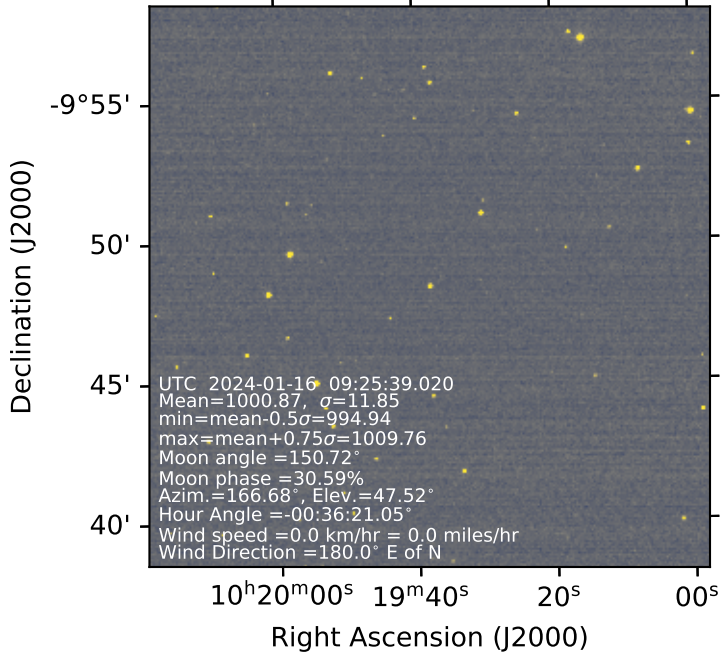
mjc0164f (R filter)



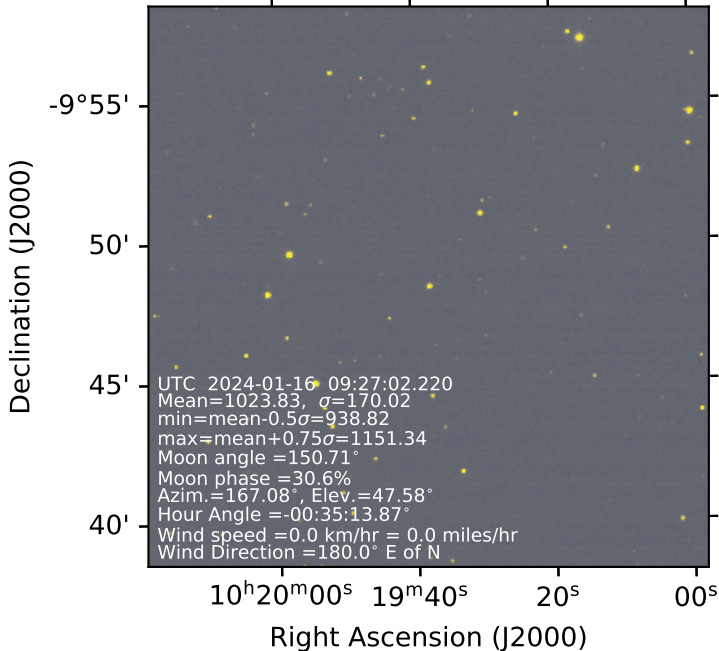
mjc01613f (R filter)



mjc01650 (R filter)



mjc016140 (R filter)



mjc01651 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:27:47.469
Mean=1000.83, $\sigma=11.96$
min=mean-0.5 σ =994.85
max=mean+0.75 σ =1009.8
Moon angle =150.7°
Moon phase =30.61%
Azim.=167.45°, Elev.=47.62°
Hour Angle =-00:34:12.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

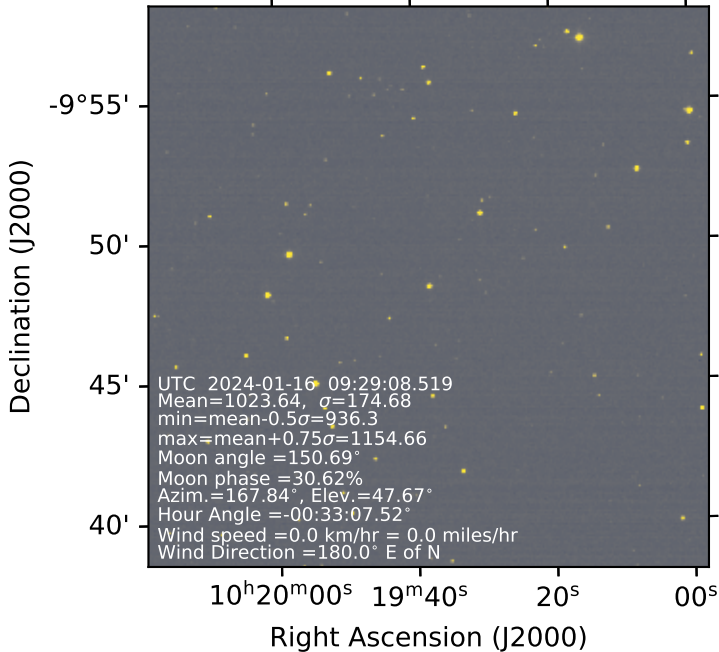
19^m40^s

20^s

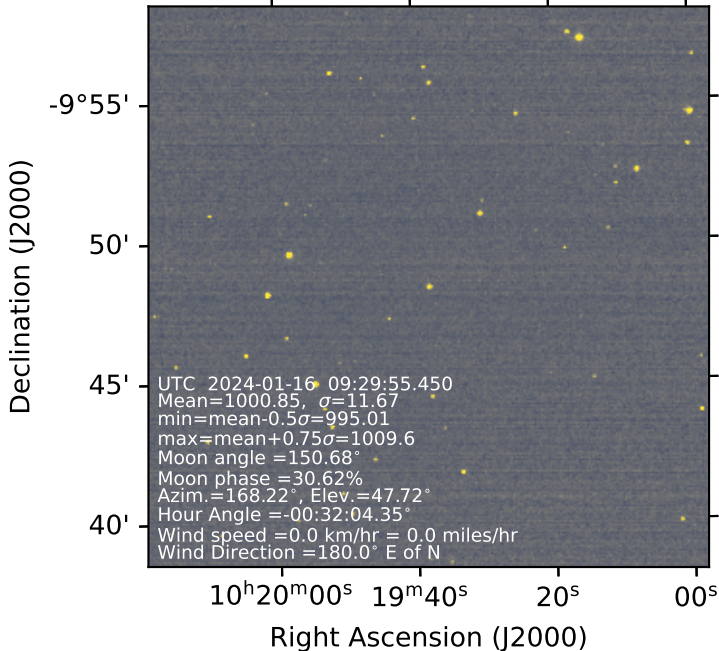
00^s

Right Ascension (J2000)

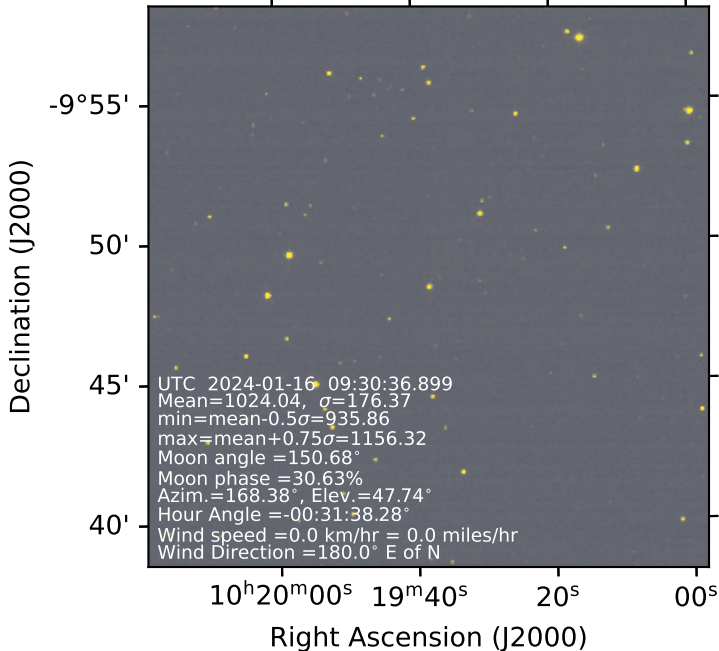
mjc016141 (R filter)



mjc01652 (R filter)



mjc016142 (R filter)



mjc01653 (R filter)

Declination (J2000)

-9°55'

50'

45'

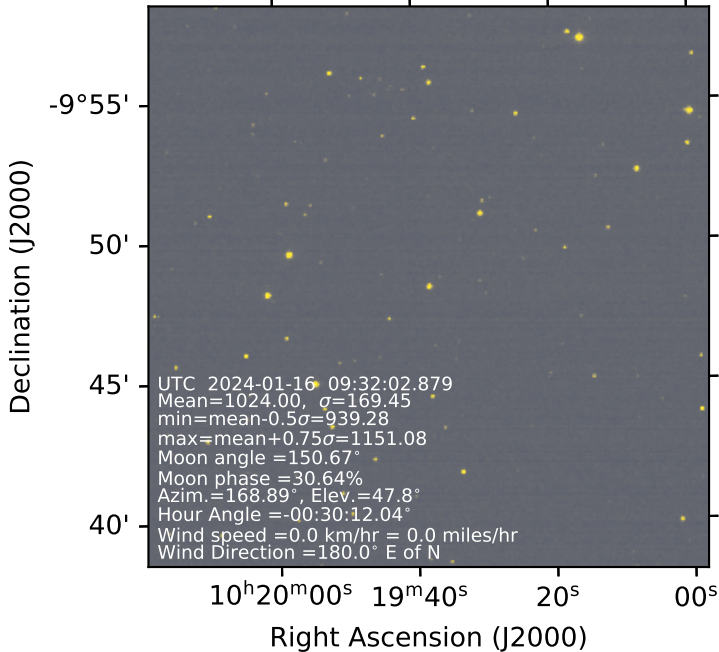
40'

UTC 2024-01-16 09:31:21.910
Mean=1000.86, σ =12.16
min=mean-0.5 σ =994.78
max=mean+0.75 σ =1009.98
Moon angle =150.67°
Moon phase =30.63%
Azim.=168.74°, Elev.=47.78°
Hour Angle =-00:30:37.11"
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016143 (R filter)



mjc01654 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:32:48.140
Mean=1000.86, $\sigma=11.91$
min=mean-0.5 σ =994.9
max=mean+0.75 σ =1009.79
Moon angle =150.66°
Moon phase =30.64%
Azim.=169.26°, Elev.=47.84°
Hour Angle =-00:29:10.88"
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01655 (R filter)

Declination (J2000)

-9°55'

50'

45'

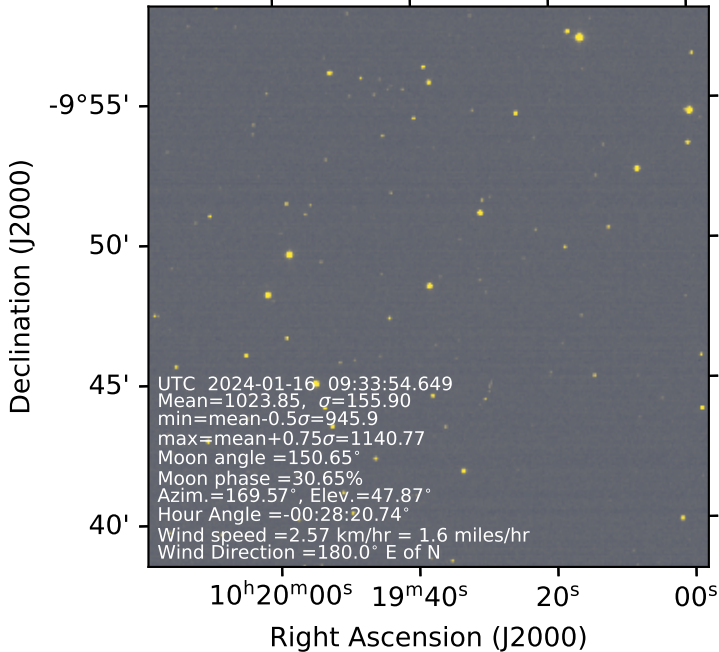
40'

UTC 2024-01-16 09:33:13.589
Mean=1000.82, $\sigma=11.59$
min=mean-0.5 σ =995.03
max=mean+0.75 σ =1009.52
Moon angle =150.65°
Moon phase =30.65%
Azim.=169.41°, Elev.=47.86°
Hour Angle =-00:28:45.81"
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016144 (R filter)



mjc016145 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:34:56.130
Mean=1024.10, σ =160.43
min=mean-0.5 σ =943.89
max=mean+0.75 σ =1144.42
Moon angle =150.64°
Moon phase =30.66%
Azim.=169.94°, Elev.=47.91°
Hour Angle =-00:27:18.57°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01656 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:35:41.579
Mean=1000.86, $\sigma=11.95$
min=mean-0.5 σ =994.88
max=mean+0.75 σ =1009.82
Moon angle =150.63°
Moon phase =30.67%
Azim.=170.31°, Elev.=47.95°
Hour Angle =-00:26:17.40°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016146 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:36:23.429
Mean=1024.09, σ =160.64
min=mean-0.5 σ =943.77
max=mean+0.75 σ =1144.57
Moon angle =150.63°
Moon phase =30.67%
Azim.=170.47°, Elev.=47.96°
Hour Angle =-00:25:51.33"
Wind speed =7.08 km/hr = 4.4 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc01657 (R filter)

Declination (J2000)

-9°55'

50'

45'

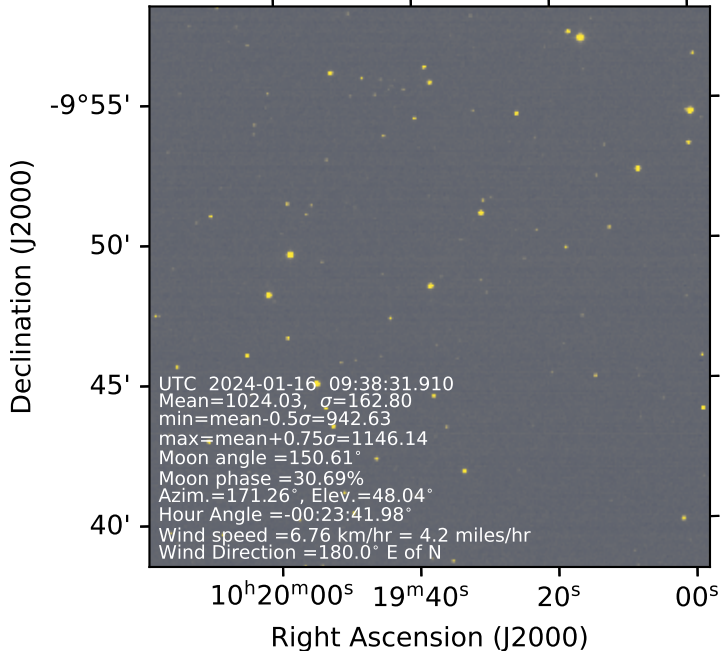
40'

UTC 2024-01-16 09:37:51.640
Mean=1000.83, $\sigma=11.47$
min=mean-0.5 σ =995.1
max=mean+0.75 σ =1009.43
Moon angle = 150.61°
Moon phase = 30.68%
Azim. = 171.1°, Elev. = 48.02°
Hour Angle = -00:24:07.05°
Wind speed = 7.08 km/hr = 4.4 miles/hr
Wind Direction = 180.0° E of N

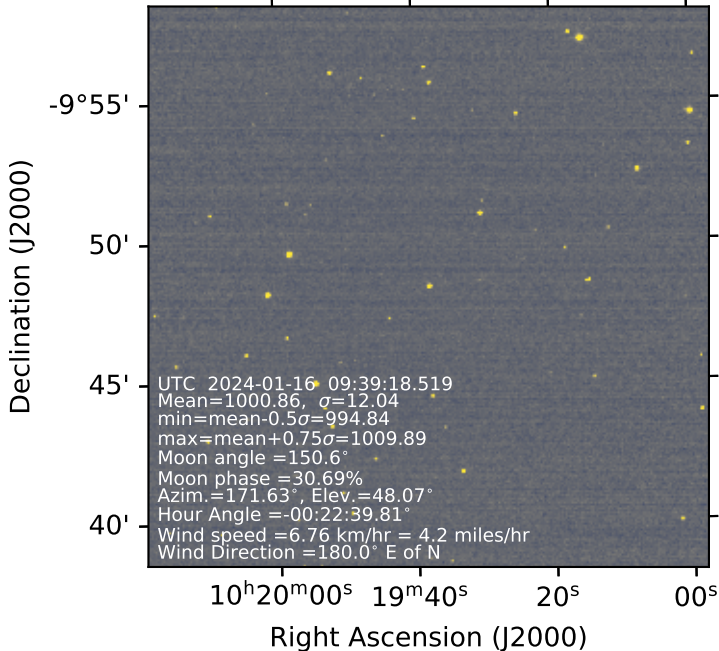
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

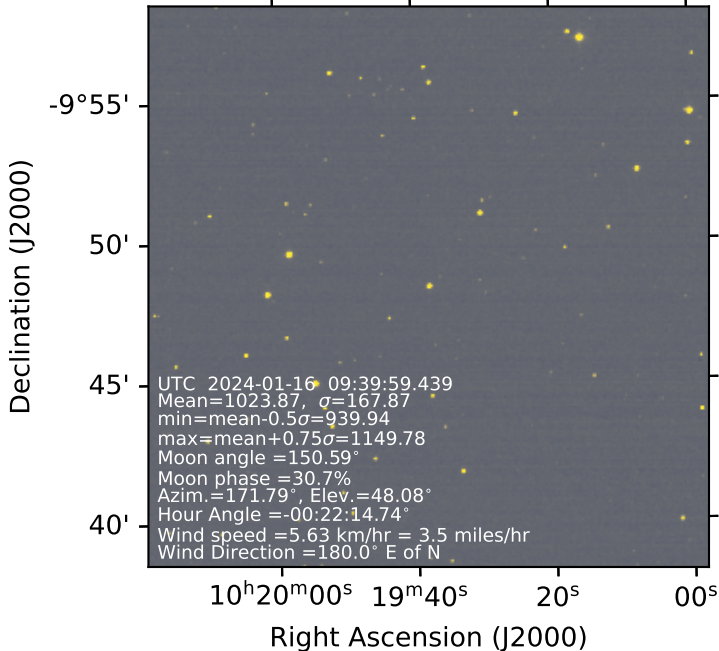
mjc016147 (R filter)



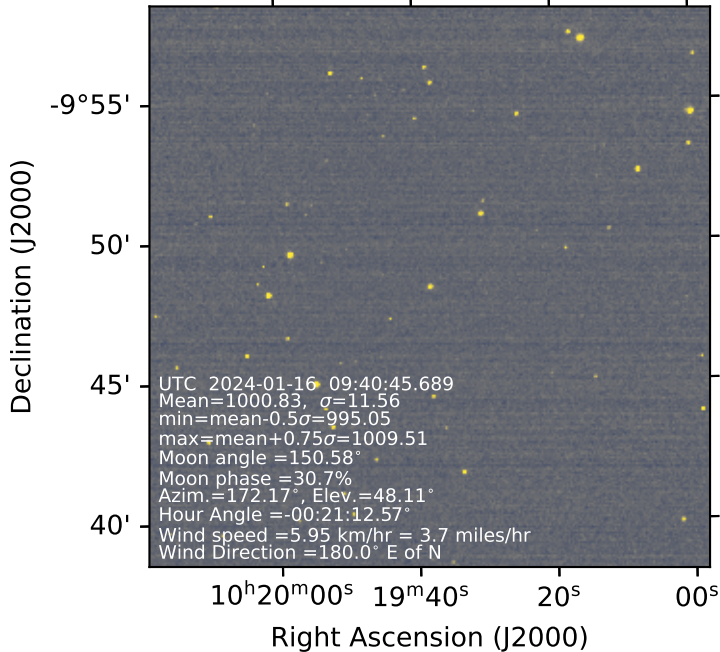
mjc01658 (R filter)



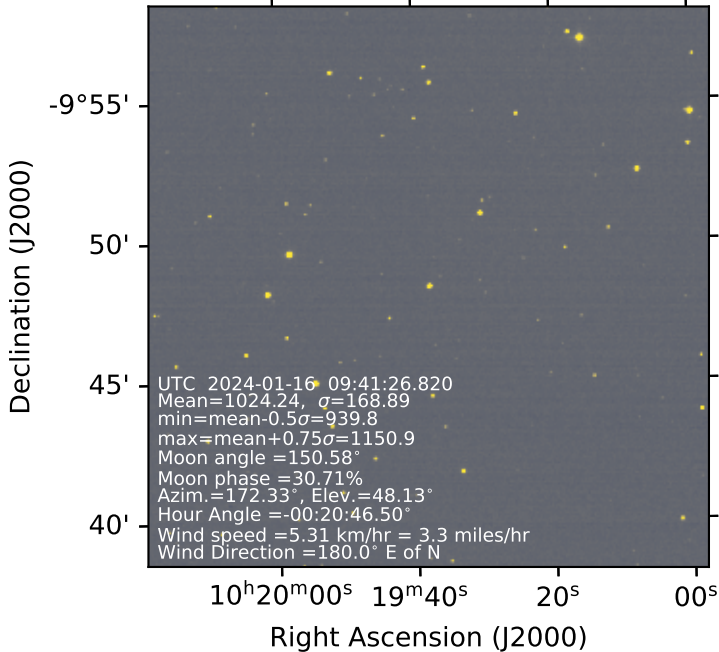
mjc016148 (R filter)



mjc01659 (R filter)



mjc016149 (R filter)



mjc0165a (R filter)

Declination (J2000)

-9°55'

50'

45'

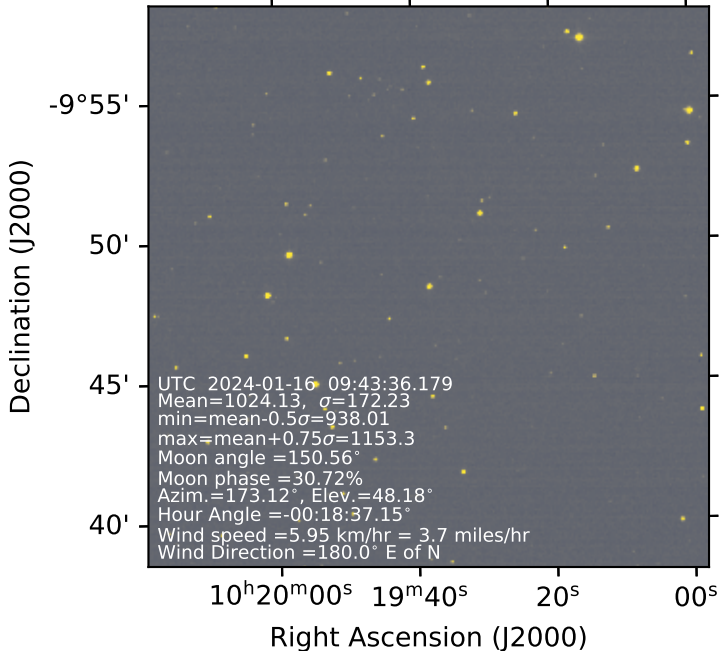
40'

UTC 2024-01-16 09:42:12.589
Mean=1000.89, $\sigma=11.84$
min=mean-0.5 σ =994.97
max=mean+0.75 σ =1009.77
Moon angle =150.57°
Moon phase =30.71%
Azim.=172.7°, Elev.=48.15°
Hour Angle =-00:19:45.33"
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01614a (R filter)



mjc0165b (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:44:22.120
Mean=1000.88, $\sigma=11.69$
min=mean-0.5 σ =995.03
max=mean+0.75 σ =1009.65
Moon angle =150.55°
Moon phase =30.73%
Azim.=173.5°, Elev.=48.21°
Hour Angle =-00:17:34.98"
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

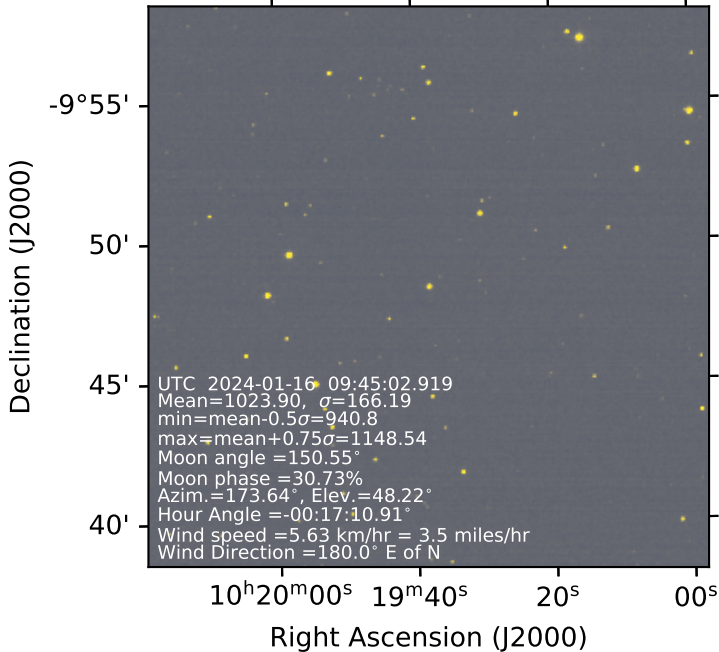
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc01614b (R filter)



mjc0165c (R filter)

Declination (J2000)

-9°55'

50'

45'

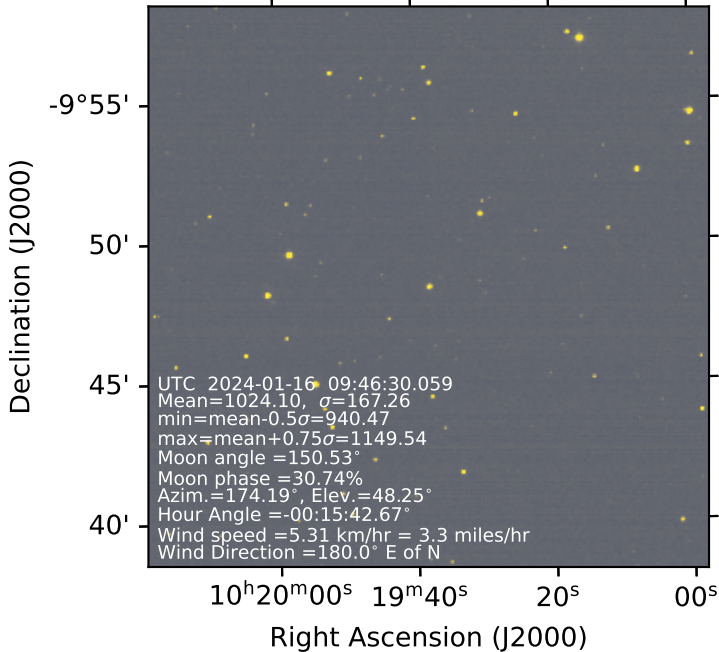
40'

UTC 2024-01-16 09:45:48.909
Mean=1000.83, $\sigma=12.02$
min=mean-0.5 σ =994.82
max=mean+0.75 σ =1009.85
Moon angle =150.54°
Moon phase =30.74%
Azim.=174.03°, Elev.=48.24°
Hour Angle =-00:16:07.74°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01614c (R filter)



mjc0165d (R filter)

Declination (J2000)

-9°55'

50'

45'

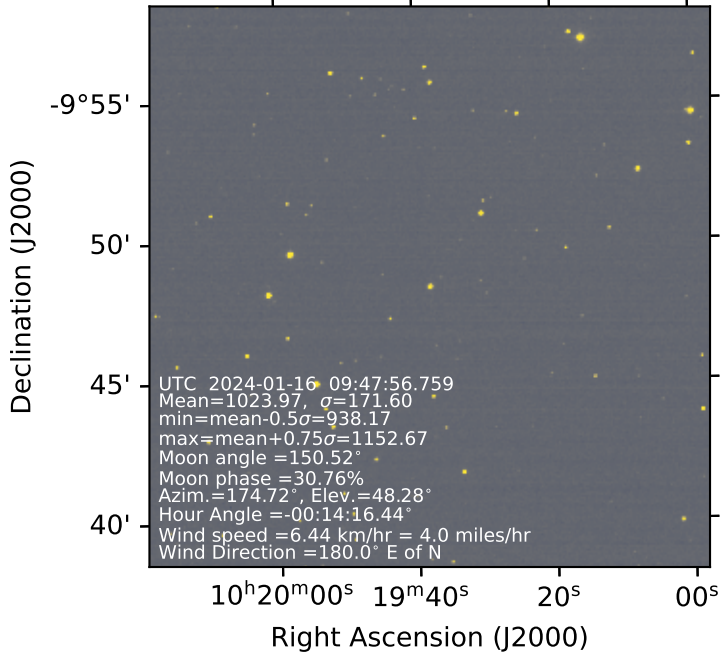
40'

UTC 2024-01-16 09:47:16.500
Mean=1000.87, $\sigma=11.86$
min=mean-0.5 σ =994.94
max=mean+0.75 σ =1009.77
Moon angle =150.53°
Moon phase =30.75%
Azim.=174.57°, Elev.=48.27°
Hour Angle =-00:14:40.50°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01614d (R filter)



mjc0165e (R filter)

Declination (J2000)

-9°55'

50'

45'

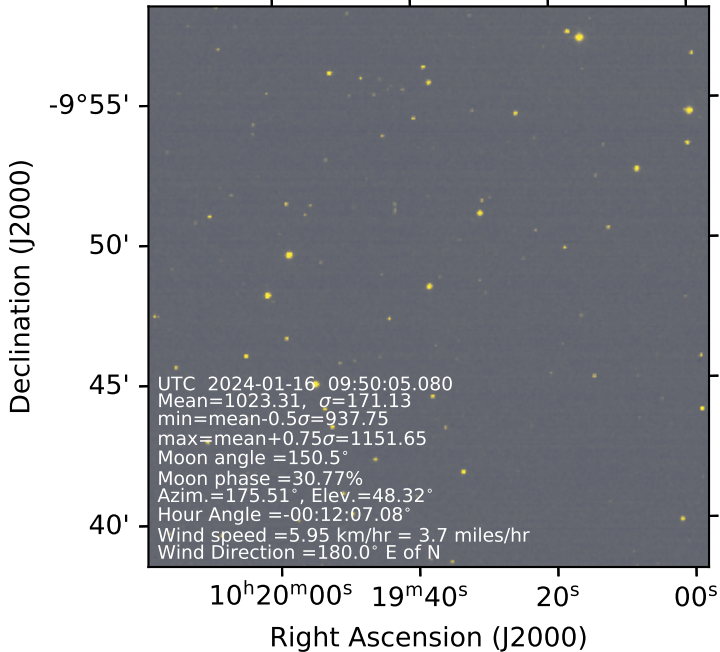
40'

UTC 2024-01-16 09:48:42.740
Mean=1000.84, $\sigma=12.15$
min=mean-0.5 σ =994.77
max=mean+0.75 σ =1009.95
Moon angle =150.51°
Moon phase =30.76%
Azim.=175.1°, Elev.=48.3°
Hour Angle =-00:13:14.27°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =180.0° E of N

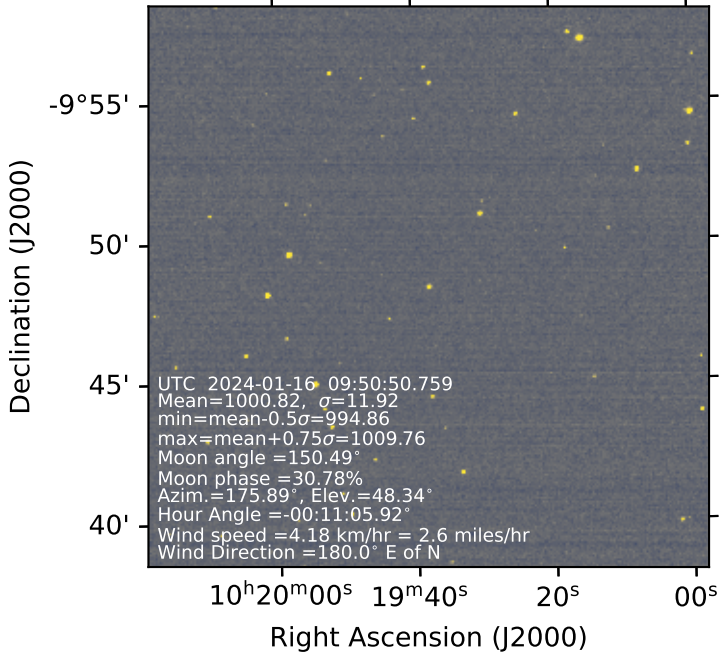
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

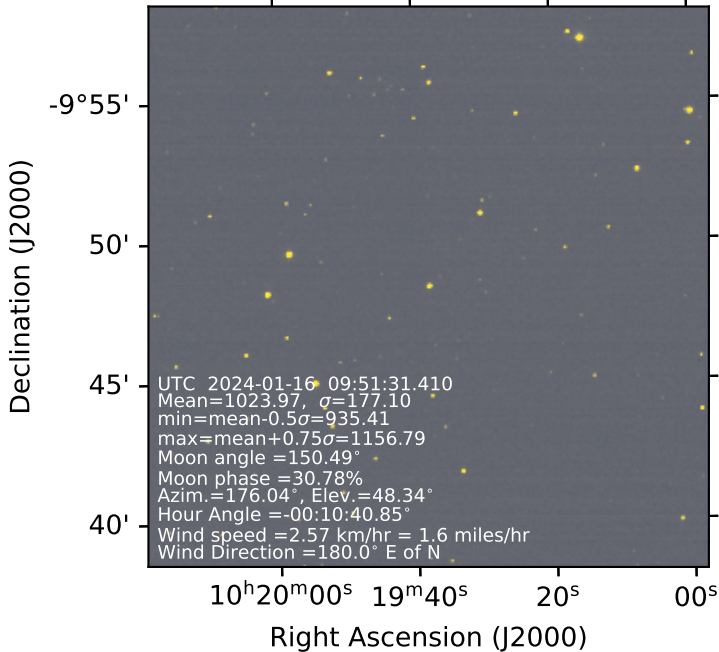
mjc01614e (R filter)



mjc0165f (R filter)



mjc01614f (R filter)



mjc01660 (R filter)

Declination (J2000)

-9°55'

50'

45'

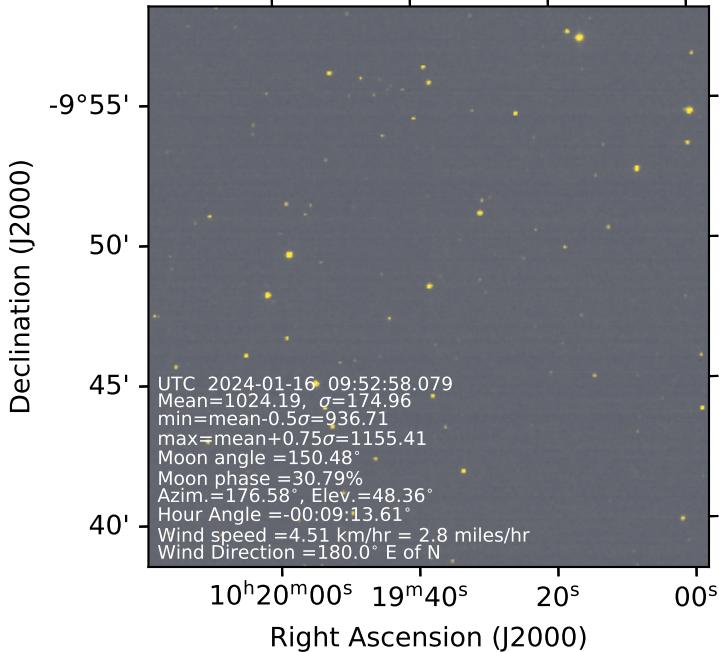
40'

UTC 2024-01-16 09:52:17.839
Mean=1000.89, $\sigma=12.87$
min=mean-0.5 σ =994.46
max=mean+0.75 σ =1010.54
Moon angle =150.48°
Moon phase =30.79%
Azim.=176.43°, Elev.=48.36°
Hour Angle =-00:09:38.68"
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016150 (R filter)



mjc01661 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 09:53:43.689
Mean=1000.88, $\sigma=12.05$
min=mean-0.5 σ =994.85
max=mean+0.75 σ =1009.92
Moon angle =150.47°
Moon phase =30.8%
Azim.=176.96°, Elev.=48.38°
Hour Angle =-00:08:12.44"
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

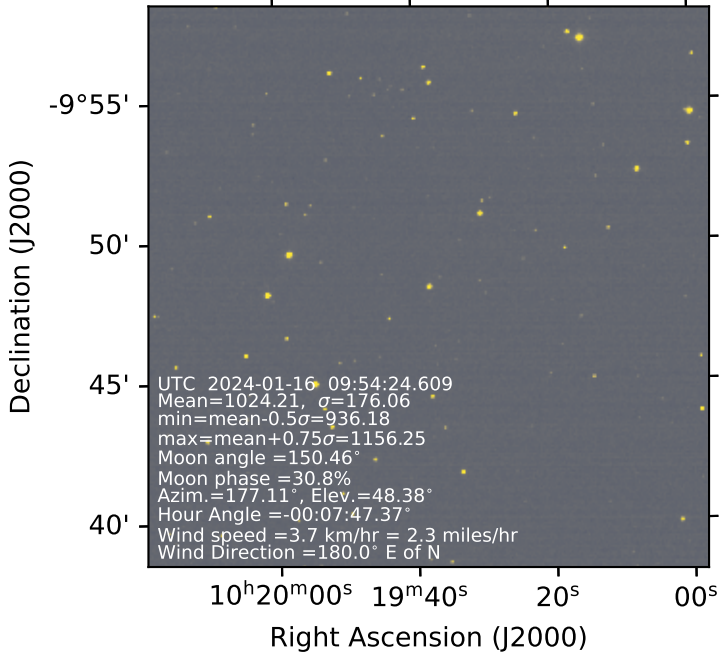
19^m40^s

20^s

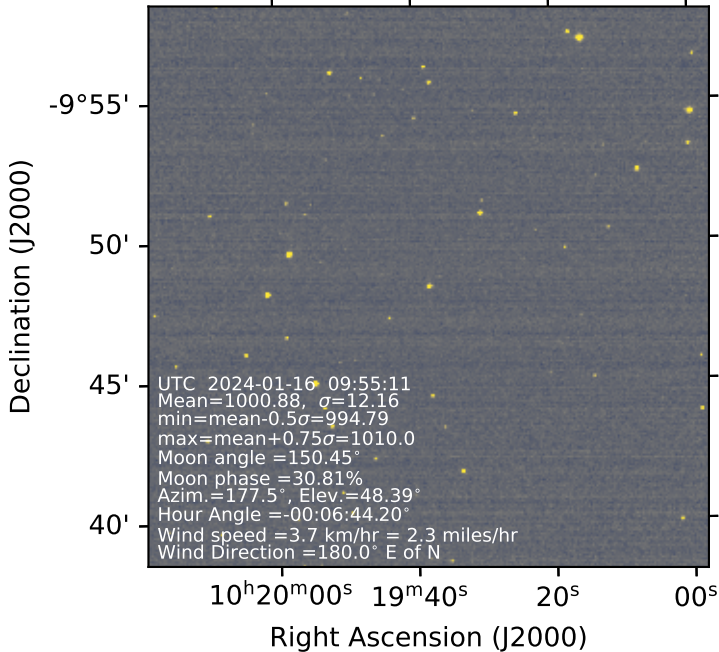
00^s

Right Ascension (J2000)

mjc016151 (R filter)



mjc01662 (R filter)



mjc016152 (R filter)

Declination (J2000)

-9°55'

50'

45'

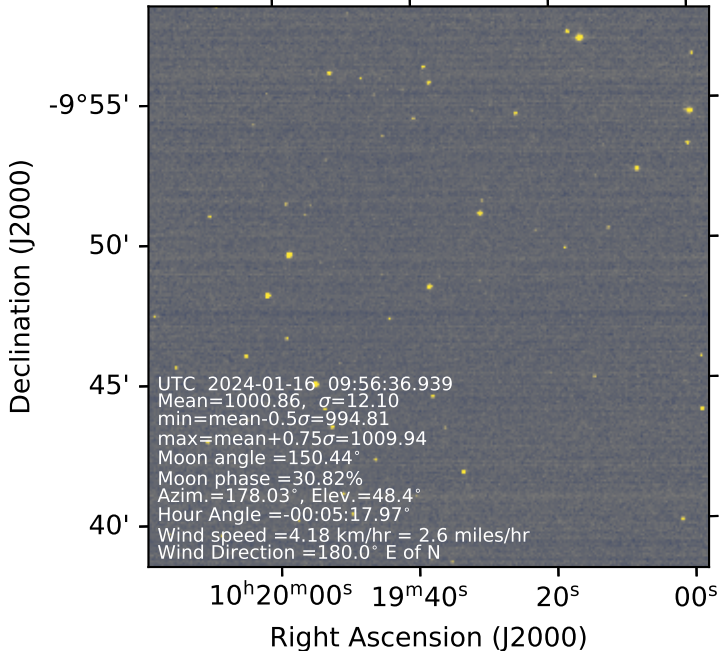
40'

UTC 2024-01-16 09:55:51.609
Mean=1023.79, σ =174.87
min=mean-0.5 σ =936.36
max=mean+0.75 σ =1154.94
Moon angle =150.45°
Moon phase =30.81%
Azim.=177.65°, Elev.=48.39°
Hour Angle =-00:06:20.14"
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

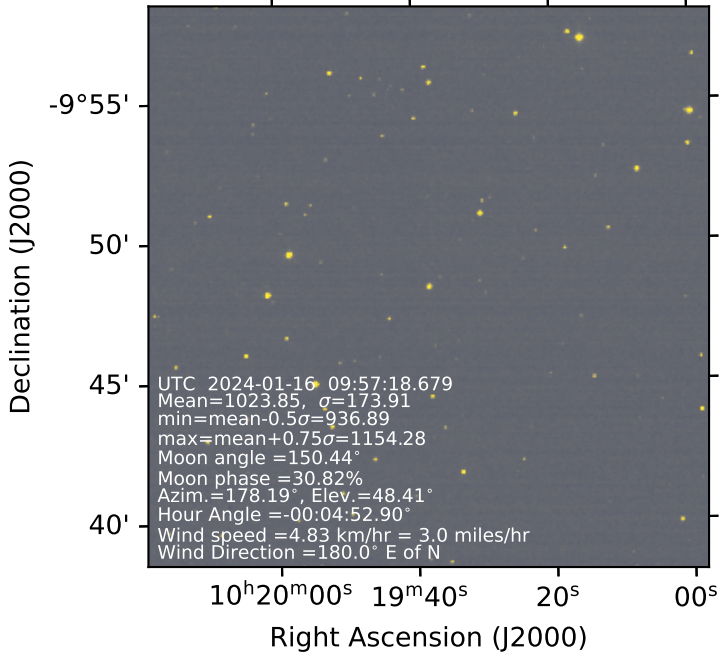
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01663 (R filter)



mjc016153 (R filter)



mjc01664 (R filter)

Declination (J2000)

-9°55'

50'

45'

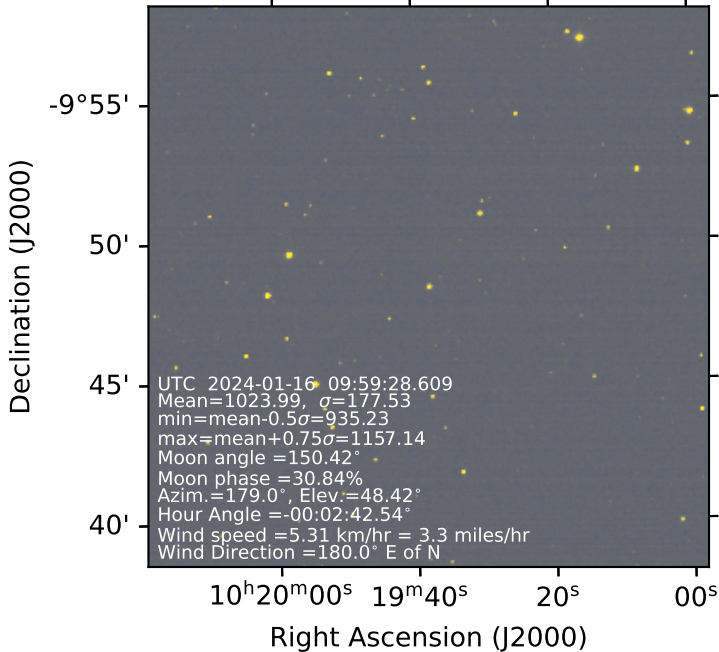
40'

UTC 2024-01-16 09:58:47.670
Mean=1000.83, σ =12.10
min=mean-0.5 σ =994.78
max=mean+0.75 σ =1009.9
Moon angle =150.42°
Moon phase =30.84%
Azim.=178.84°, Elev.=48.42°
Hour Angle =-00:03:07.61"
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =180.0° E of N

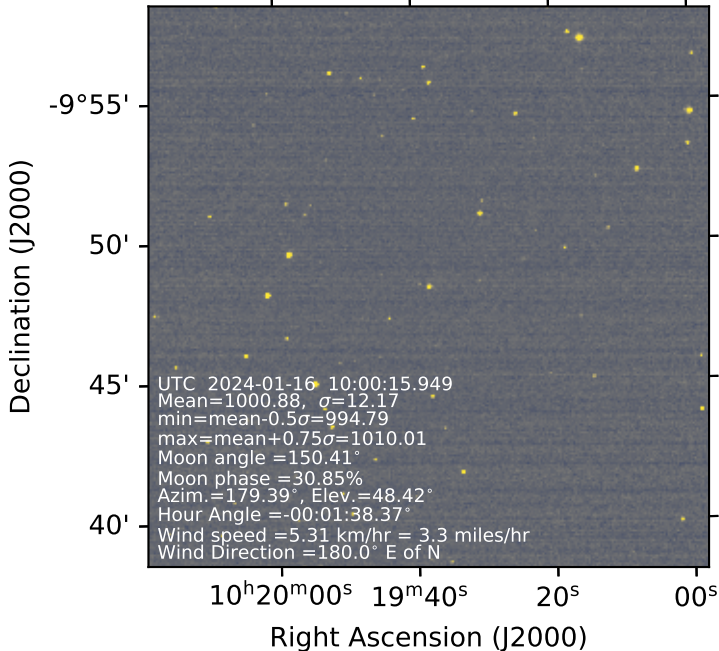
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

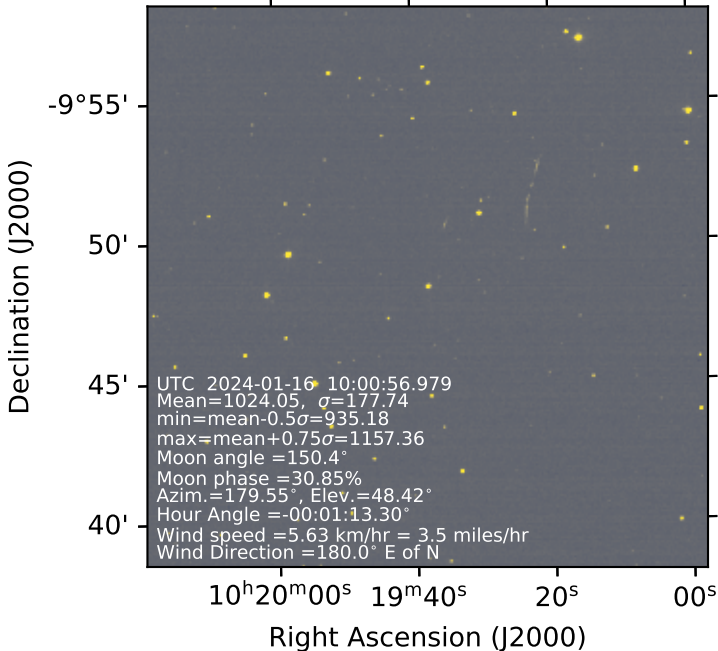
mjc016154 (R filter)



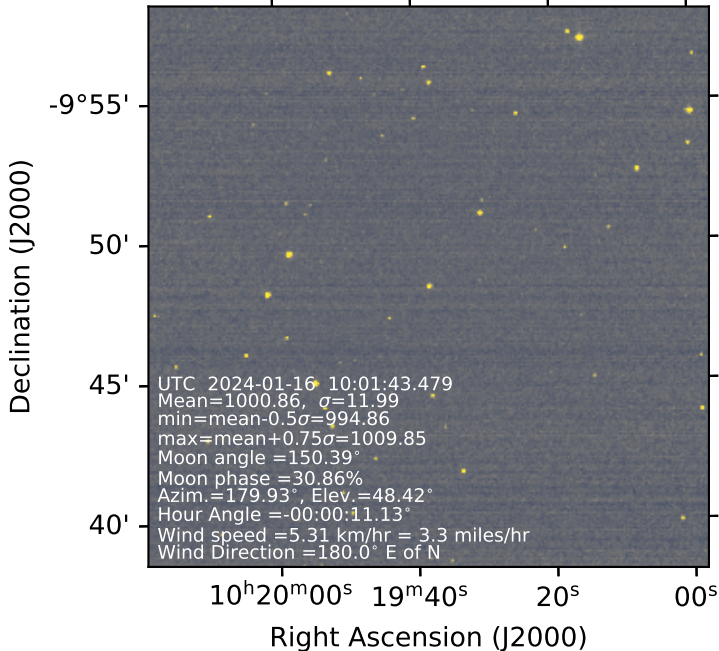
mjc01665 (R filter)



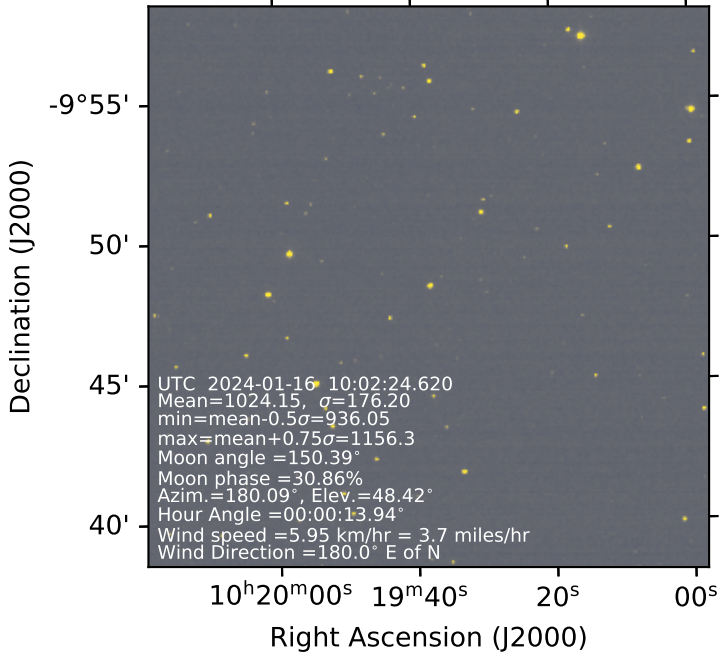
mjc016155 (R filter)



mjc01666 (R filter)



mjc016156 (R filter)



mjc01667 (R filter)

Declination (J2000)

-9°55'

50'

45'

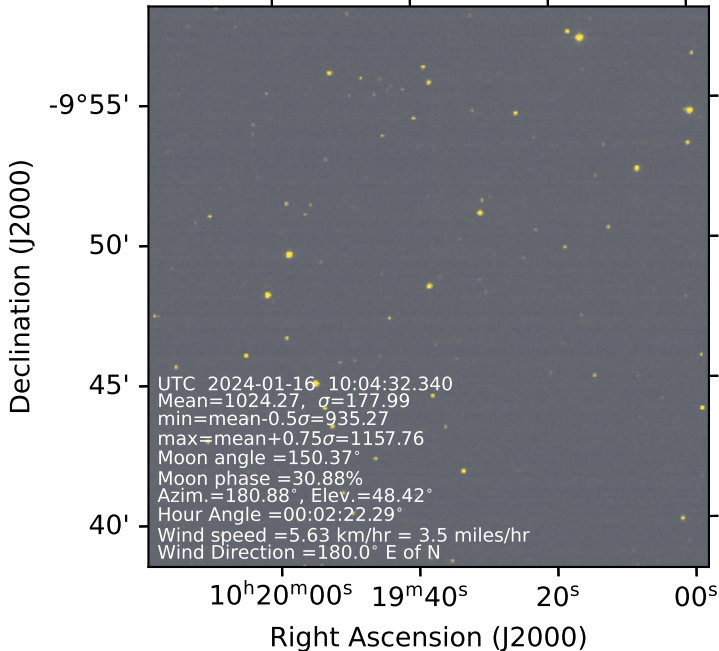
40'

UTC 2024-01-16 10:03:11.460
Mean=1000.90, $\sigma=12.18$
min=mean-0.5 σ =994.81
max=mean+0.75 σ =1010.04
Moon angle =150.38°
Moon phase =30.87%
Azim.=180.48°, Elev.=48.42°
Hour Angle =00:01:17.11"
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =180.0° E of N

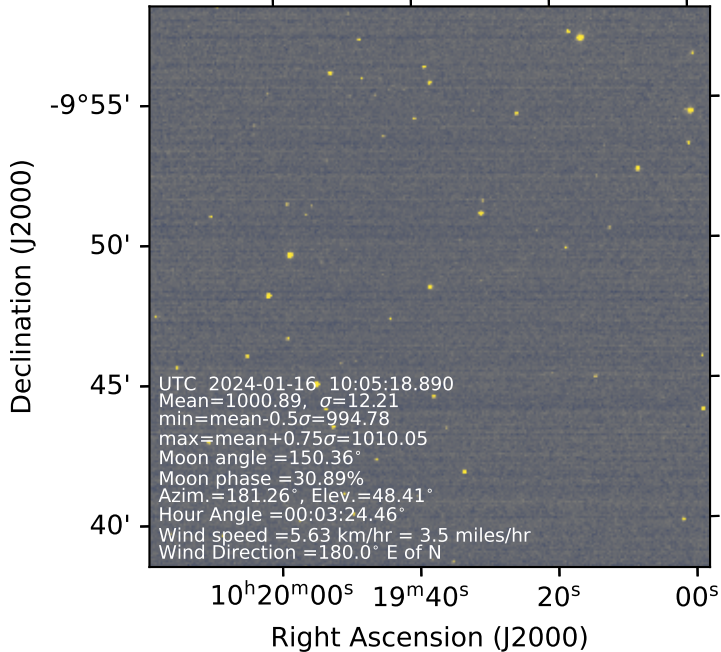
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

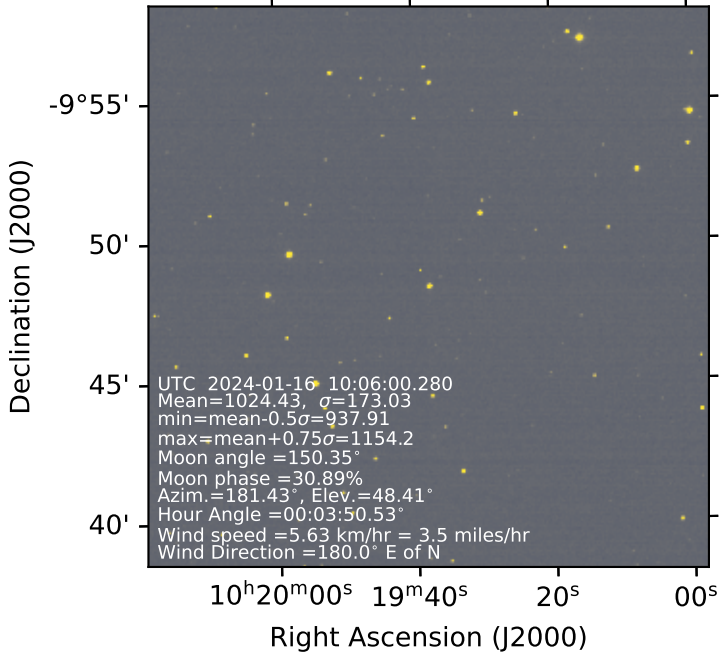
mjc016157 (R filter)



mjc01668 (R filter)



mjc016158 (R filter)



mjc01669 (R filter)

Declination (J2000)

-9°55'

50'

45'

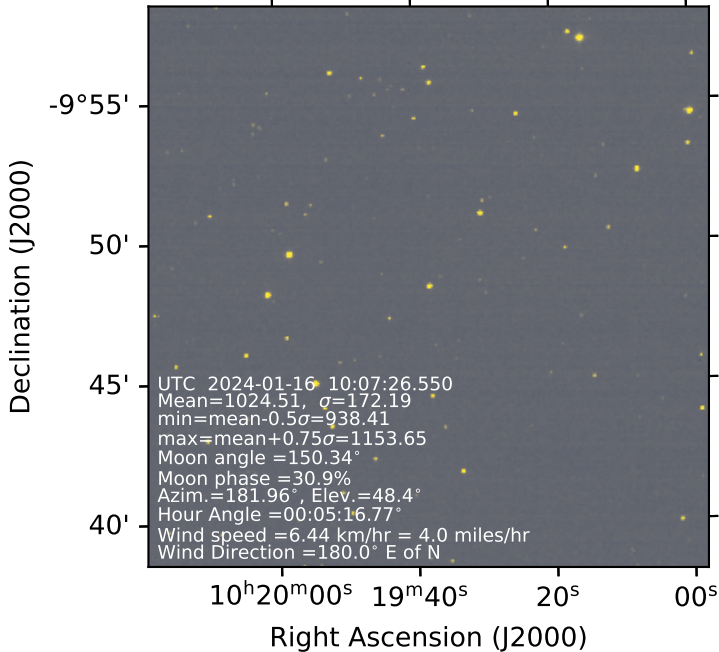
40'

UTC 2024-01-16 10:06:45.799
Mean=1000.88, $\sigma=11.98$
min=mean-0.5 σ =994.88
max=mean+0.75 σ =1009.86
Moon angle = 150.35°
Moon phase = 30.9%
Azim. = 181.8°, Elev. = 48.41°
Hour Angle = 00:04:51.70°
Wind speed = 5.31 km/hr = 3.3 miles/hr
Wind Direction = 180.0° E of N

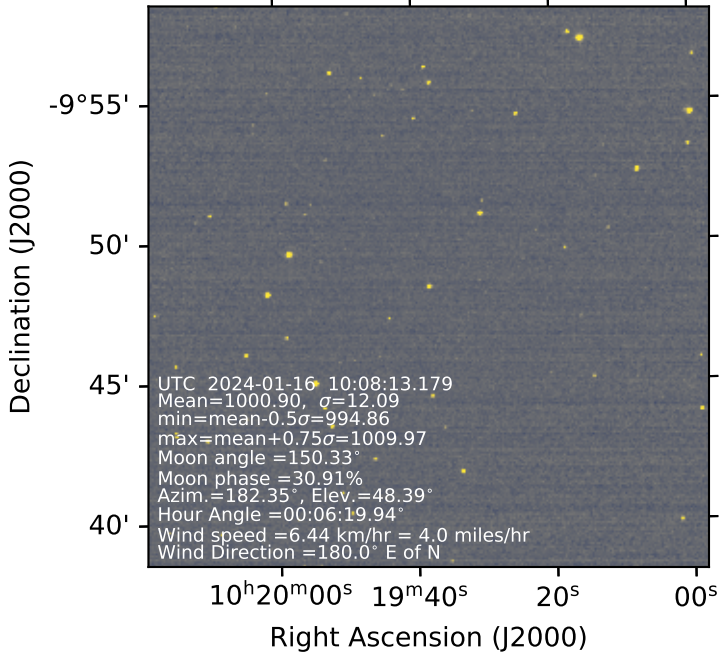
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

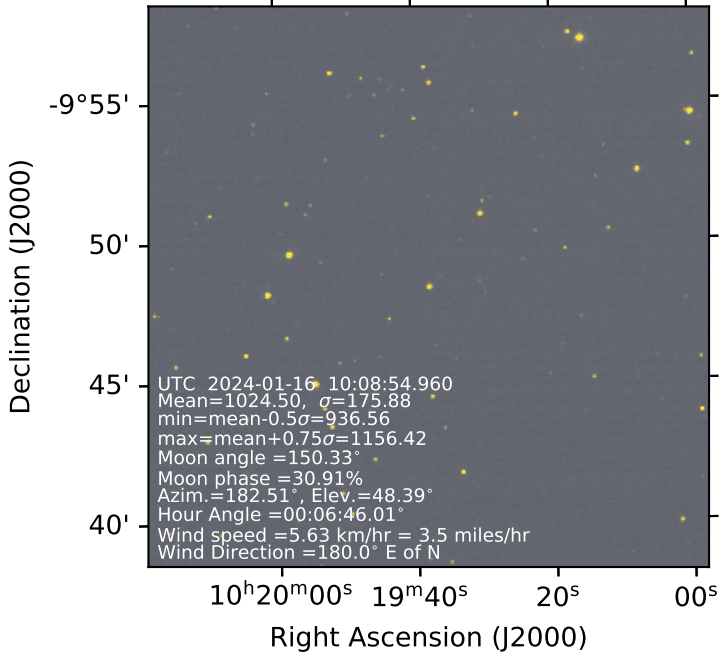
mjc016159 (R filter)



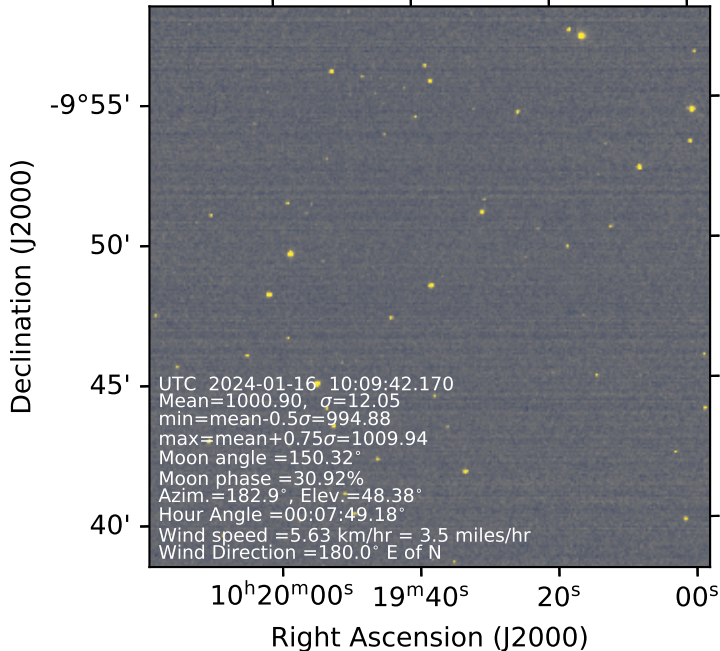
mjc0166a (R filter)



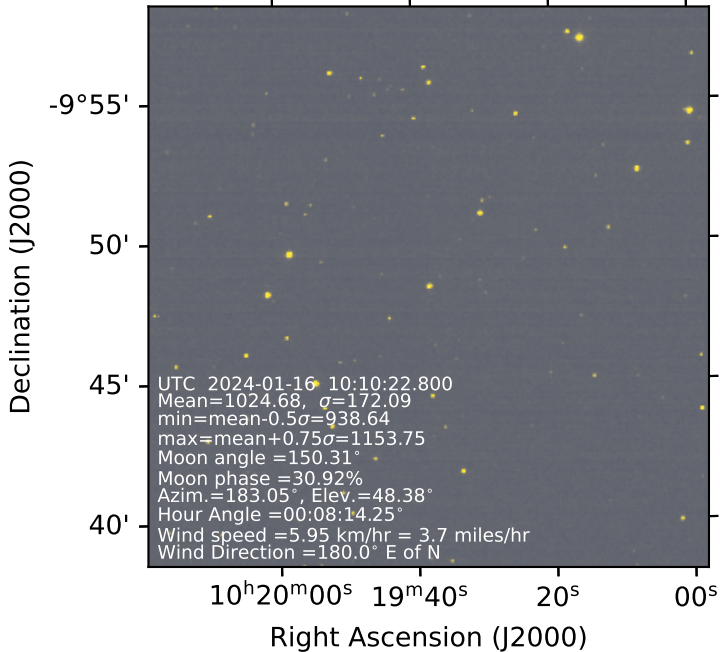
mjc01615a (R filter)



mjc0166b (R filter)



mjc01615b (R filter)



mjc0166c (R filter)

Declination (J2000)

-9°55'

50'

45'

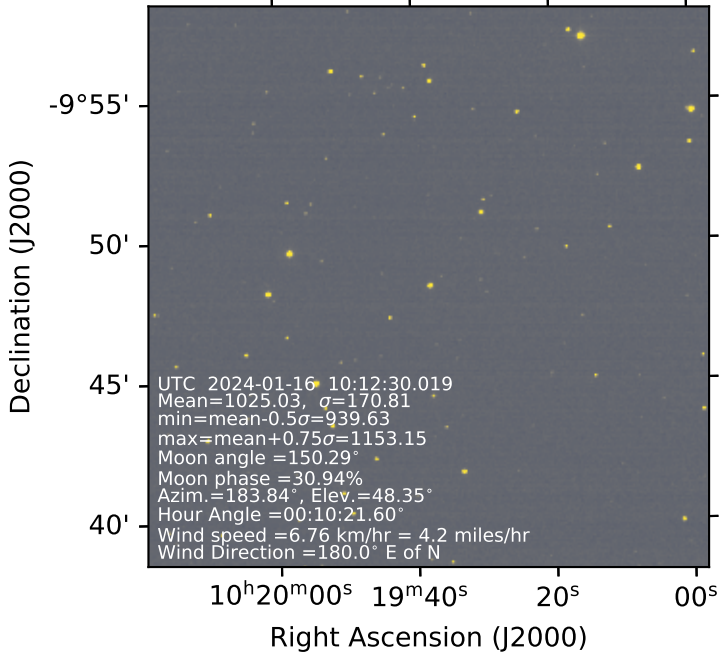
40'

UTC 2024-01-16 10:11:09.070
Mean=1000.92, $\sigma=12.10$
min=mean-0.5 σ =994.87
max=mean+0.75 σ =1010.0
Moon angle =150.3°
Moon phase =30.93%
Azim.=183.44°, Elev.=48.36°
Hour Angle =00:09:16.42°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =180.0° E of N

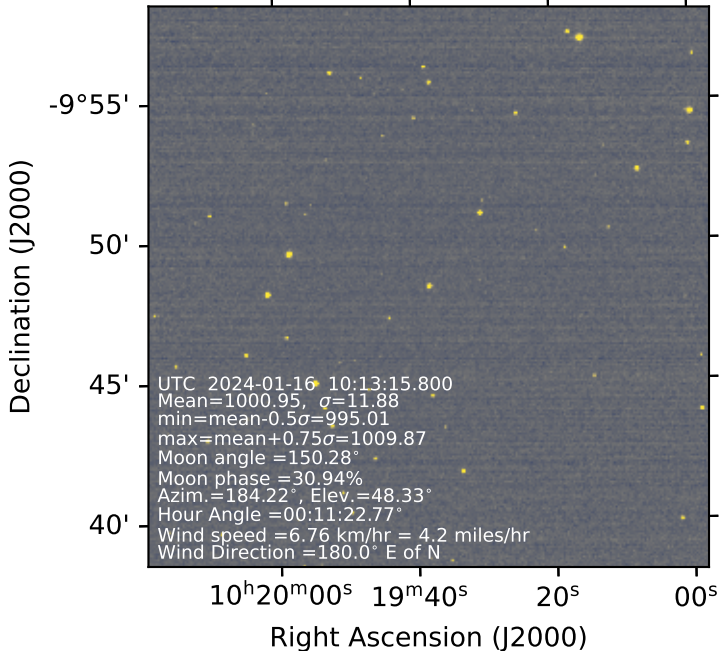
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

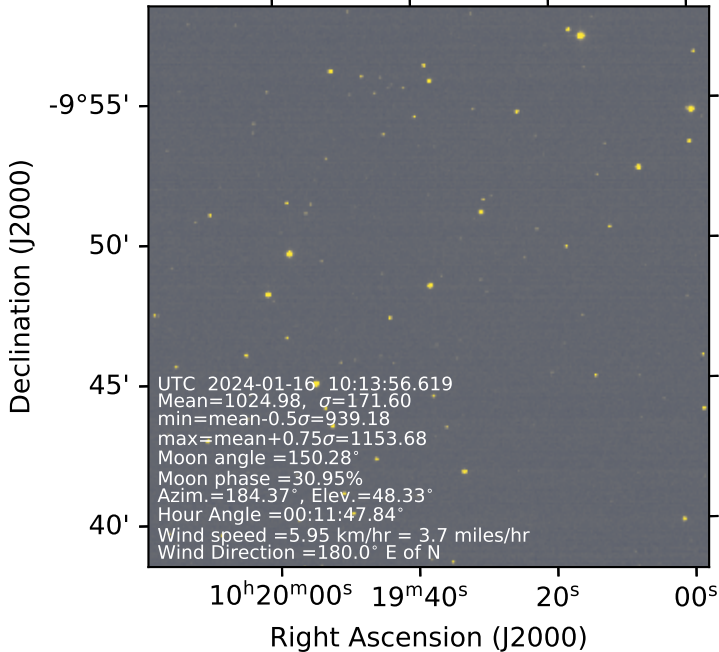
mjc01615c (R filter)



mjc0166d (R filter)



mjc01615d (R filter)



mjc0166e (R filter)

Declination (J2000)

-9°55'

50'

45'

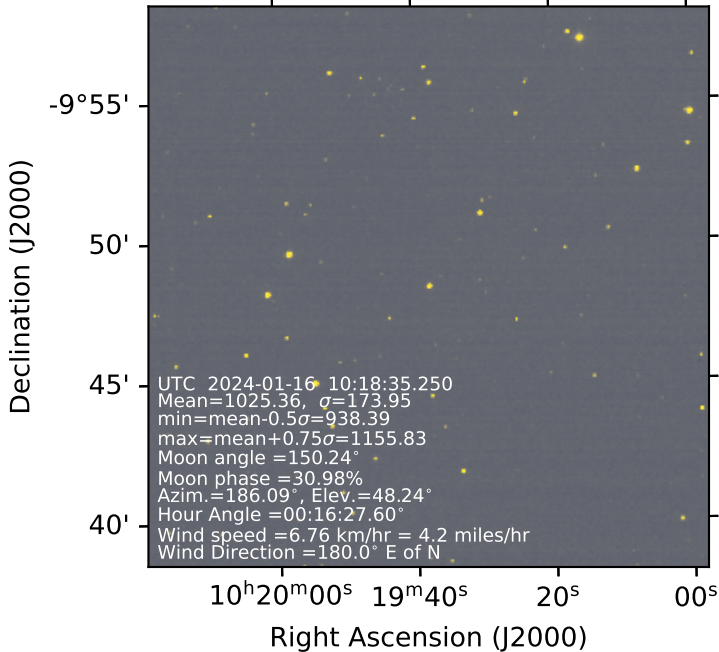
40'

UTC 2024-01-16 10:14:43.020
Mean=1000.92, $\sigma=11.98$
min=mean-0.5 σ =994.93
max=mean+0.75 σ =1009.9
Moon angle =150.27°
Moon phase =30.96%
Azim.=184.75°, Elev.=48.31°
Hour Angle =00:12:50.00°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =180.0° E of N

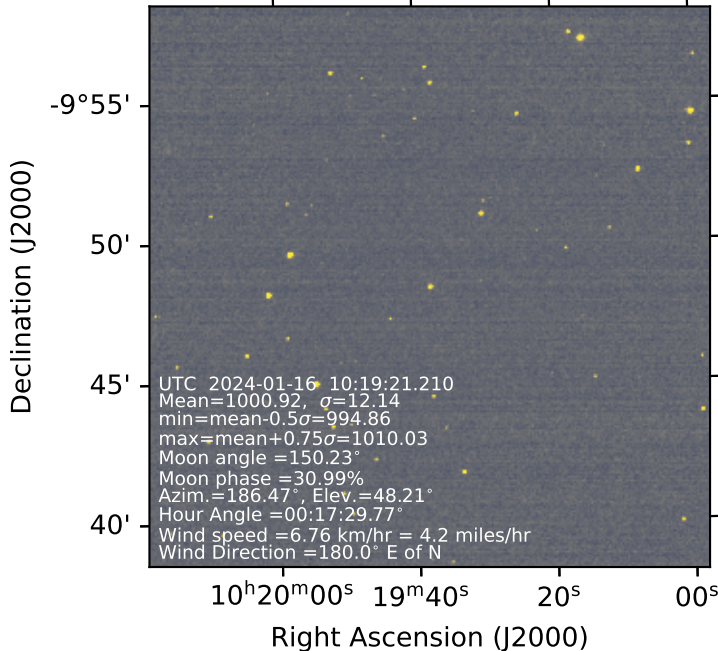
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

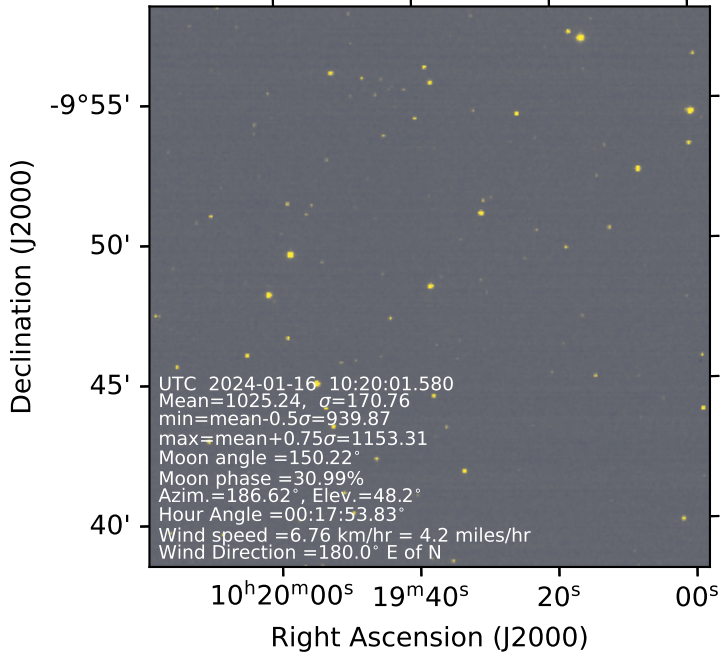
mjc01615e (R filter)



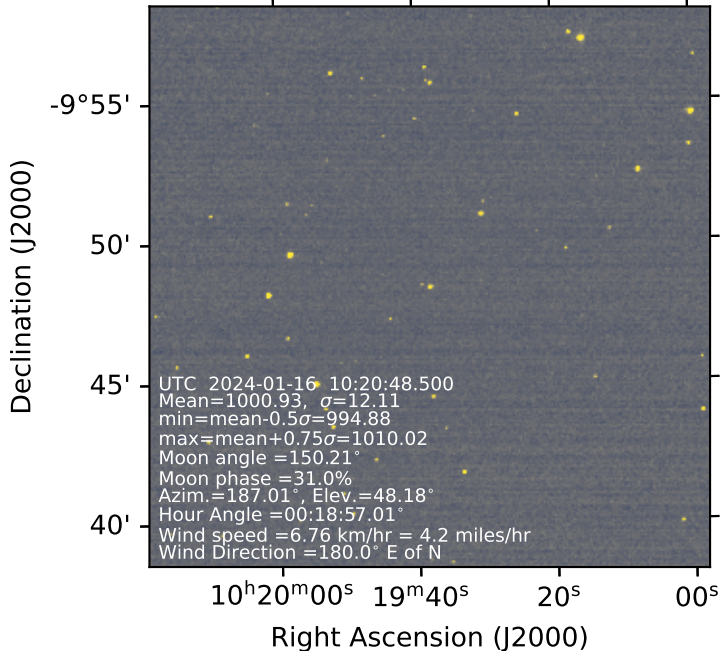
mjc0166f (R filter)



mjc01615f (R filter)



mjc01670 (R filter)



mjc016160 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 10:21:29.530
Mean=1025.35, $\sigma=172.31$
min=mean-0.5 σ =939.19
max=mean+0.75 σ =1154.58
Moon angle =150.21°
Moon phase =31.0%
Azim.=187.16°, Elev.=48.16°
Hour Angle =00:19:22.08°
Wind speed =6.76 km/hr = 4.2 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01671 (R filter)

Declination (J2000)

-9°55'

50'

45'

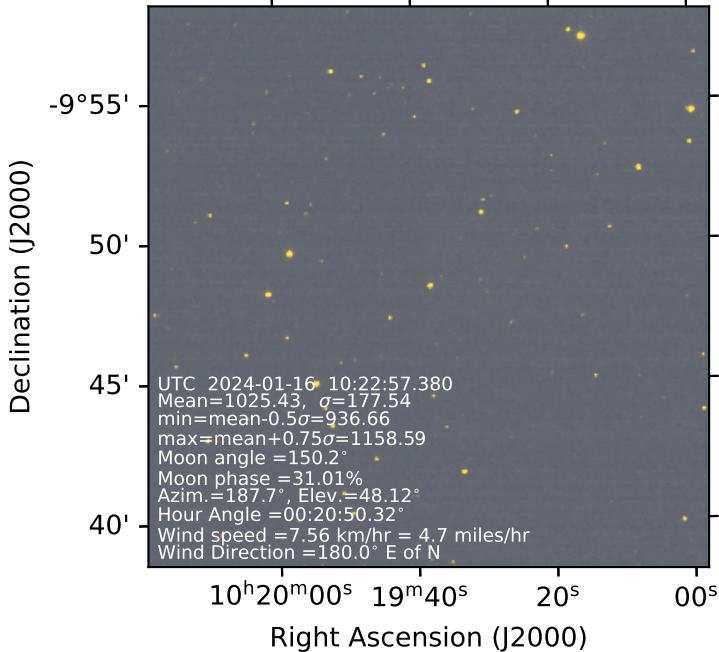
40'

UTC 2024-01-16 10:22:15.980
Mean=1000.93, $\sigma=12.21$
min=mean- $0.5\sigma=994.83$
max=mean+ $0.75\sigma=1010.09$
Moon angle = 150.2°
Moon phase = 31.01%
Azim. = 187.54° , Elev. = 48.14°
Hour Angle = $00:20:25.25^s$
Wind speed = 6.76 km/hr = 4.2 miles/hr
Wind Direction = 180.0° E of N

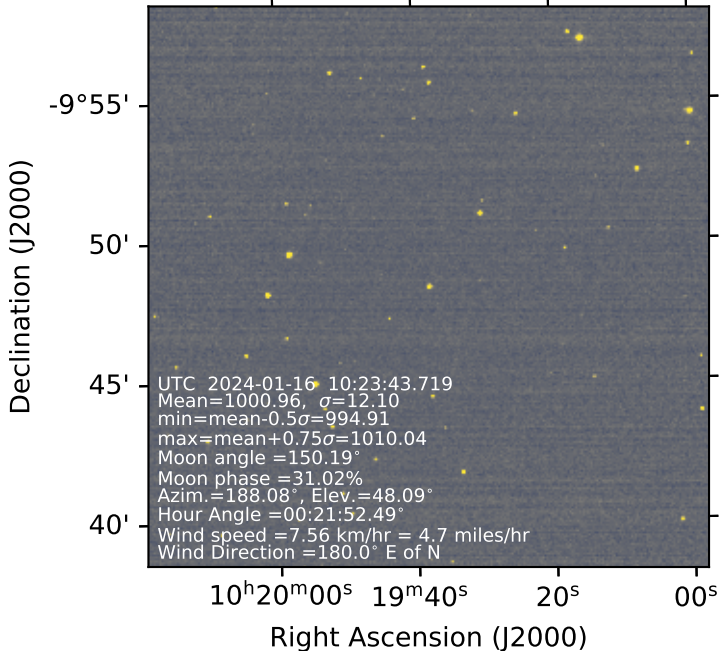
$10^h 20^m 00^s$ $19^m 40^s$ 20^s 00^s

Right Ascension (J2000)

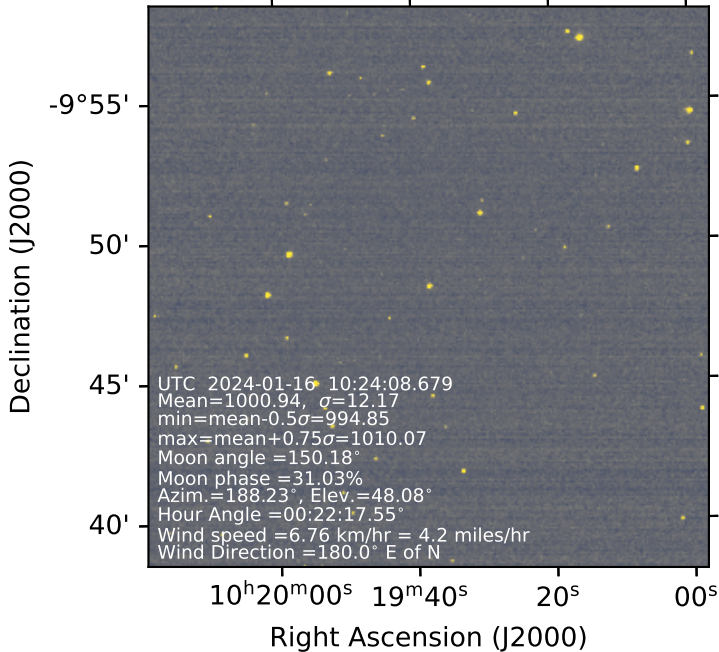
mjc016161 (R filter)



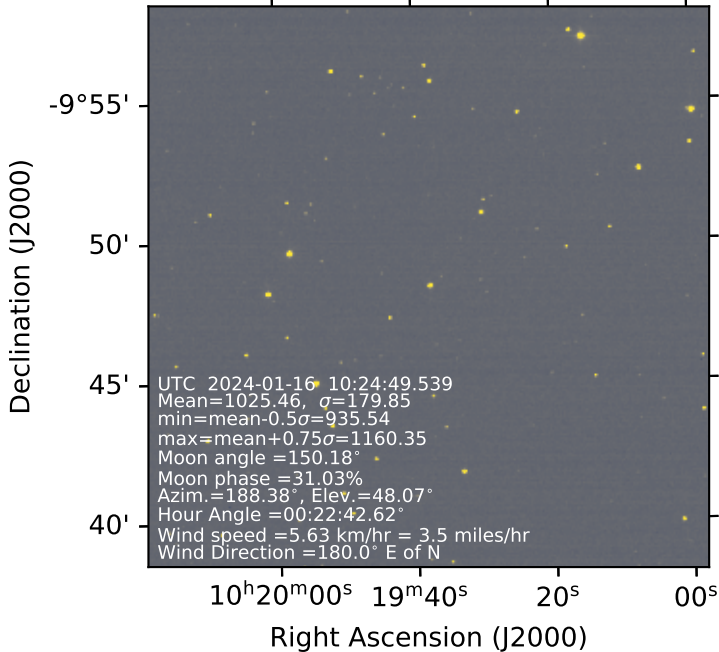
mjc01672 (R filter)



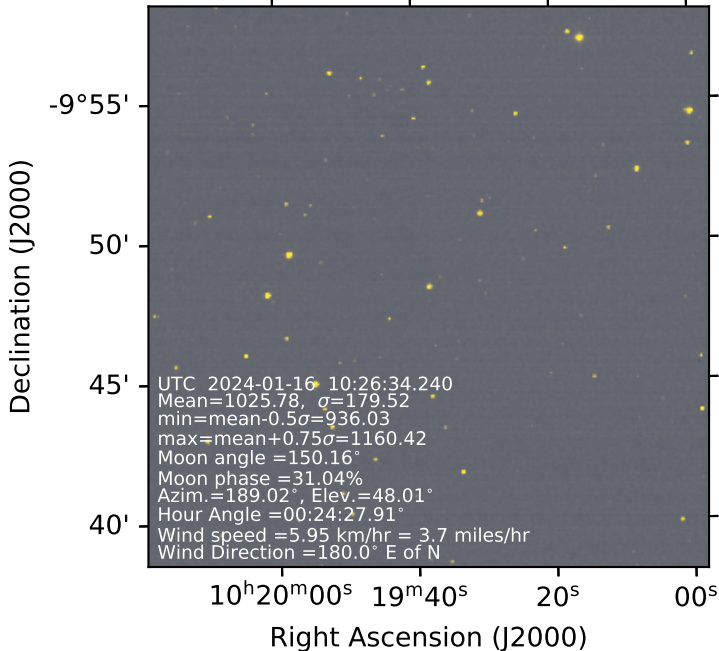
mjc01673 (R filter)



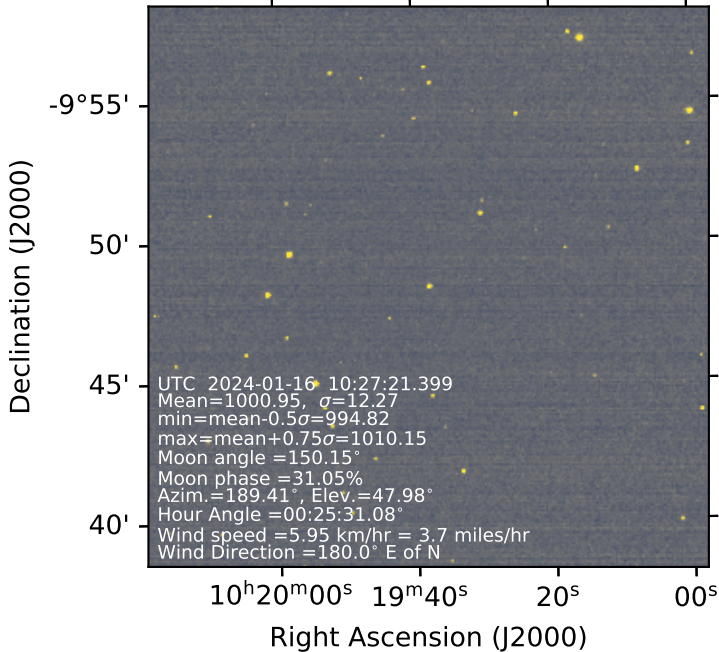
mjc016162 (R filter)



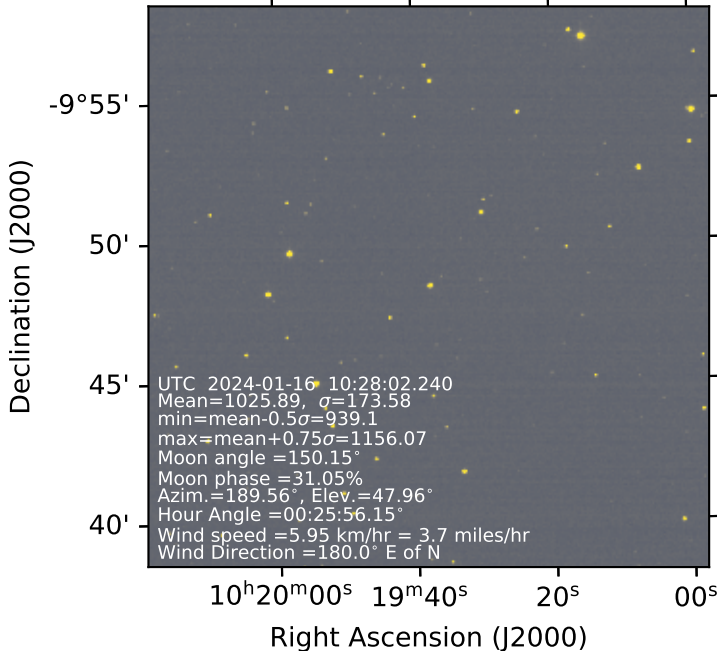
mjc016163 (R filter)



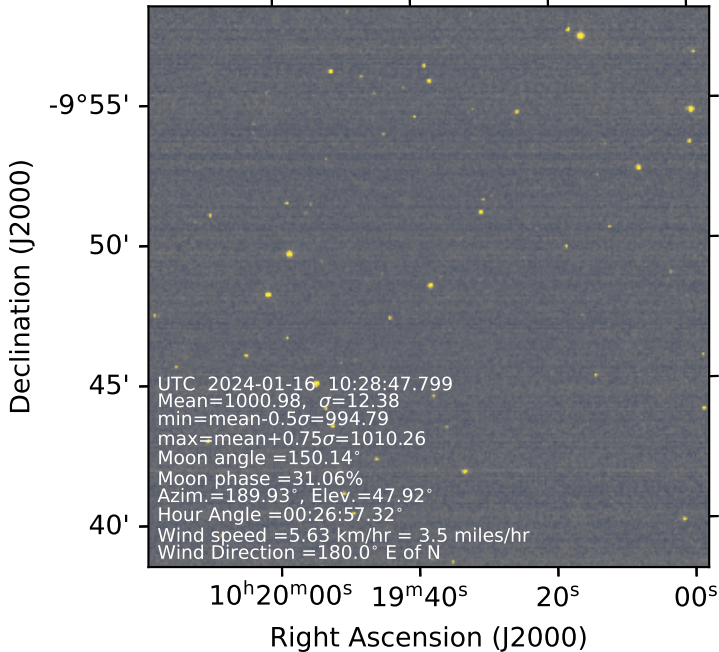
mjc01674 (R filter)



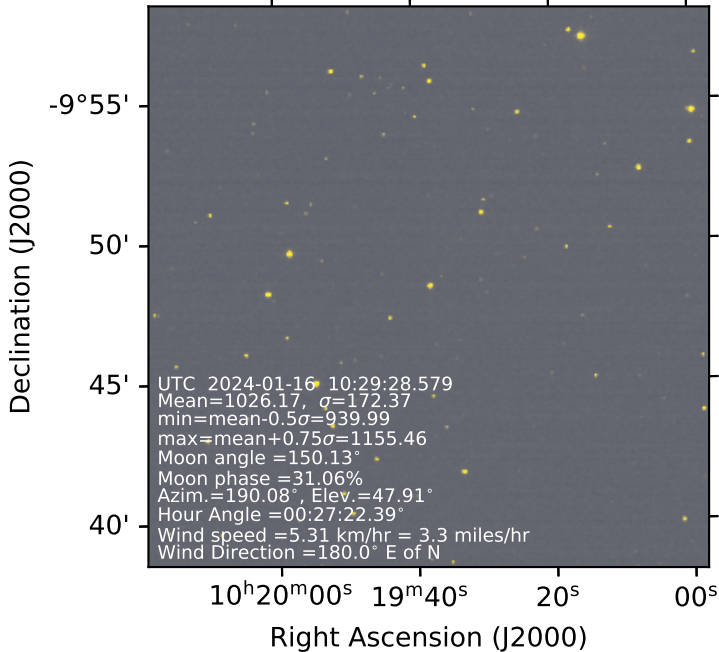
mjc016164 (R filter)



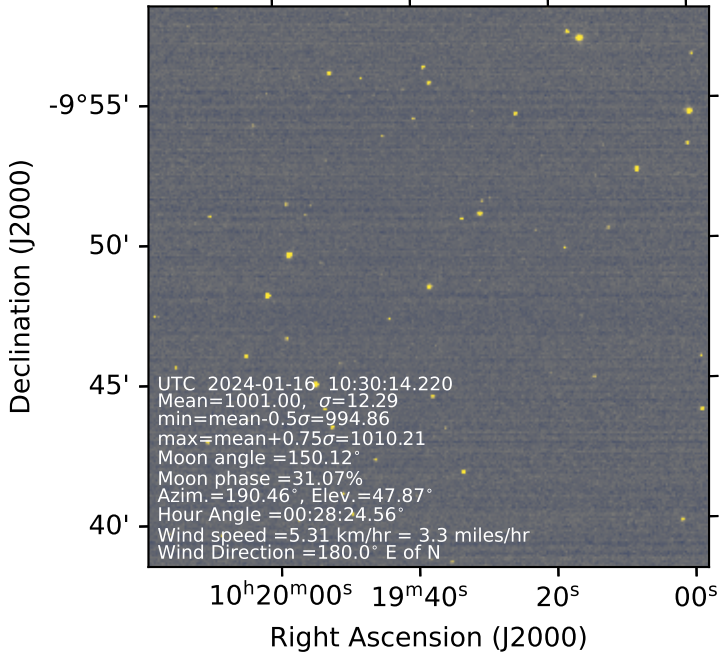
mjc01675 (R filter)



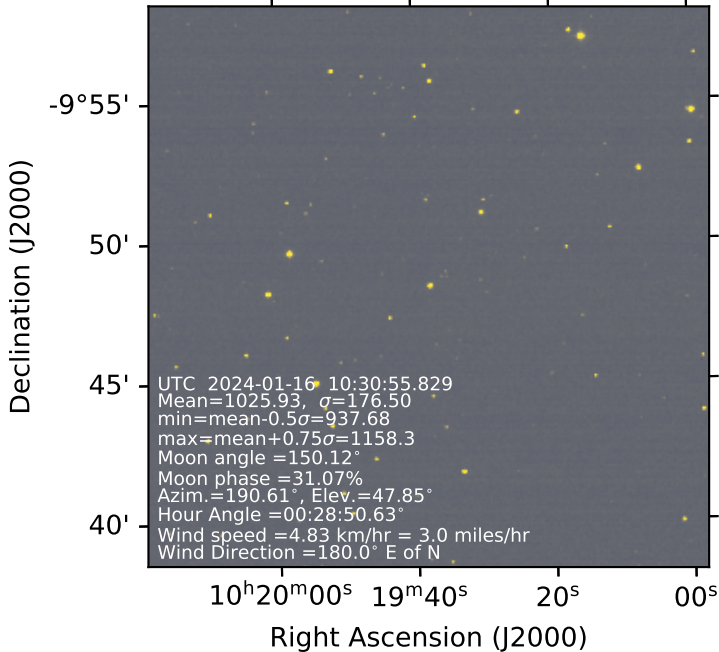
mjc016165 (R filter)



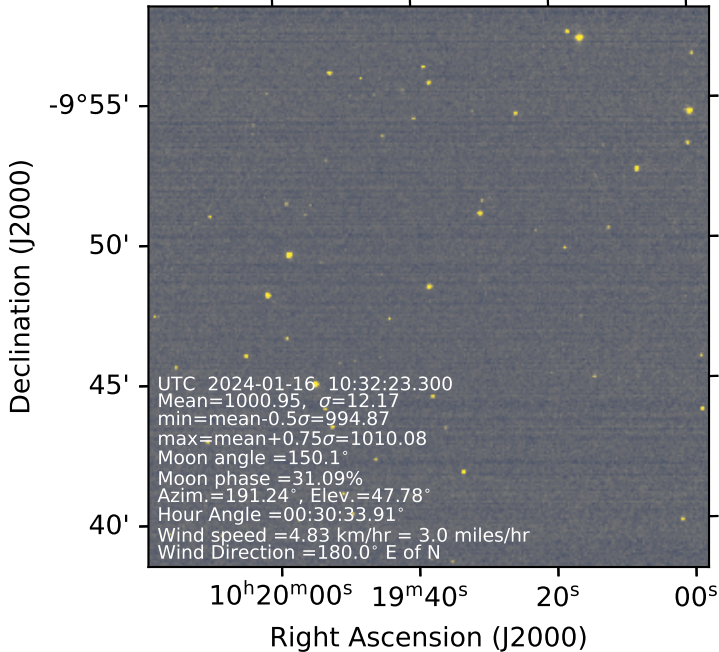
mjc01676 (R filter)



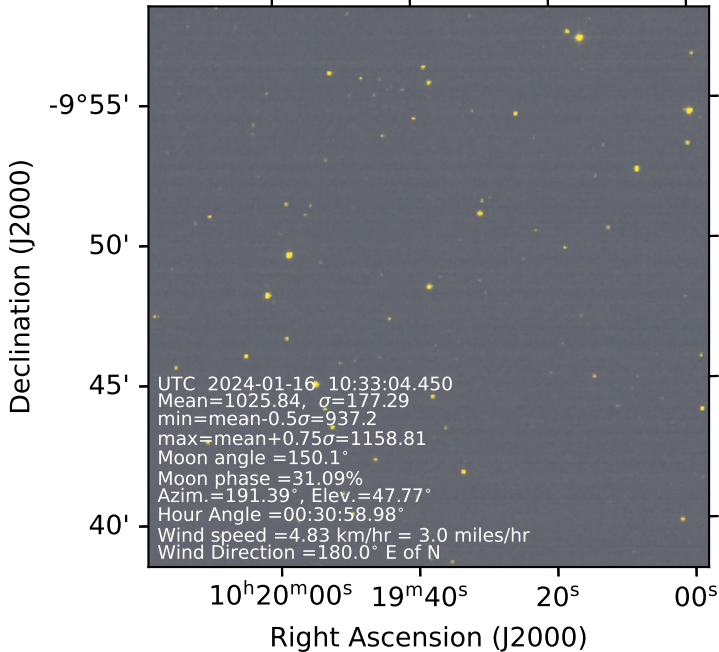
mjc016166 (R filter)



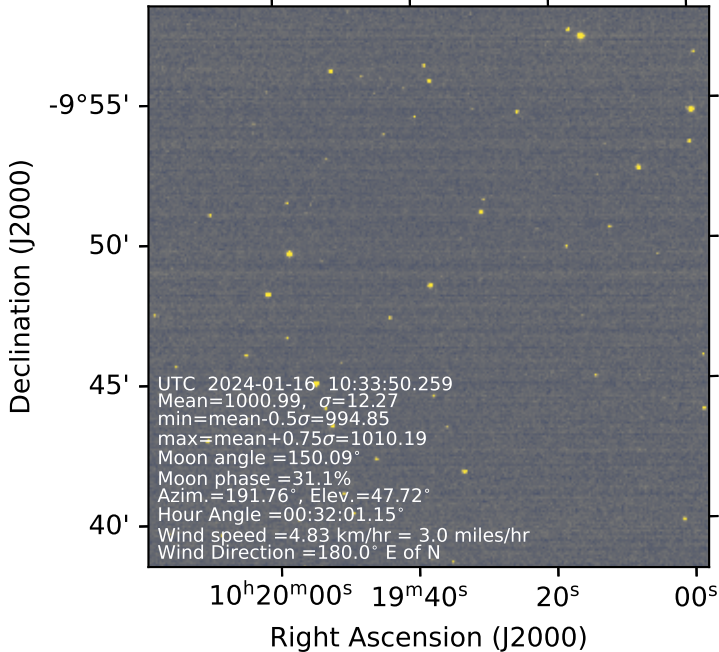
mjc01677 (R filter)



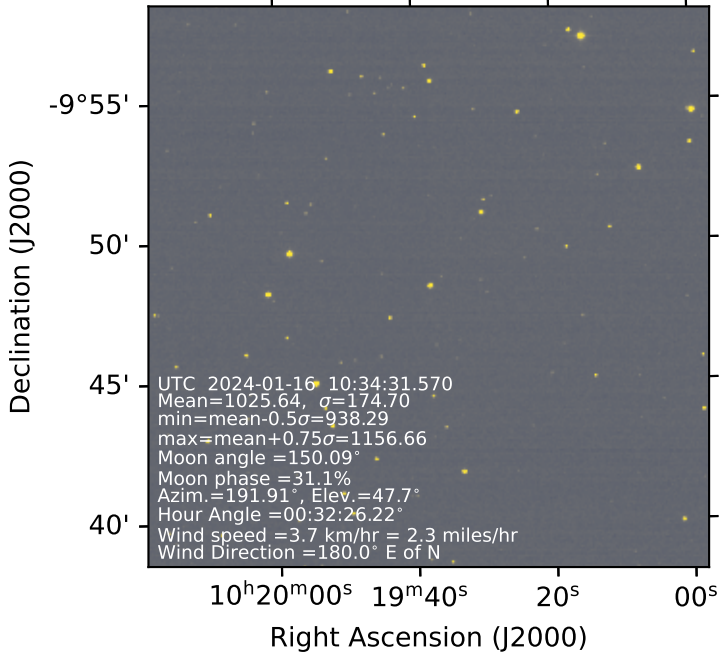
mjc016167 (R filter)



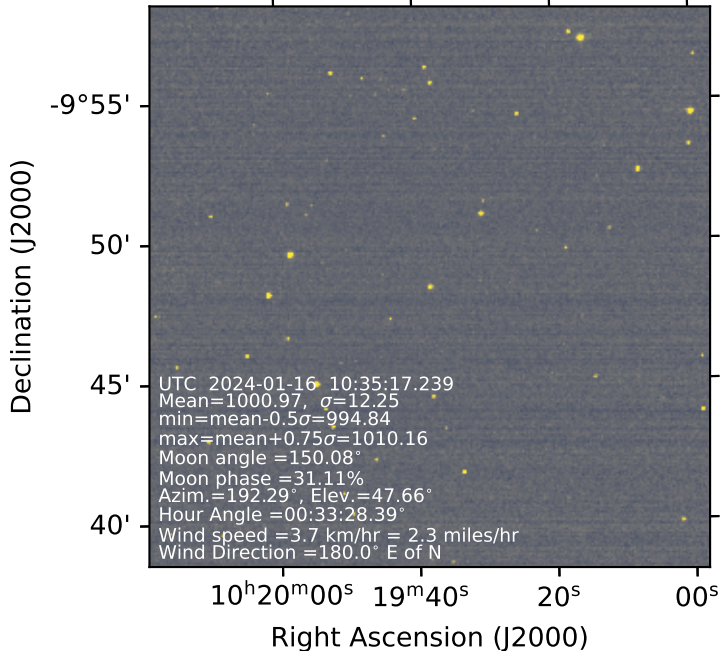
mjc01678 (R filter)



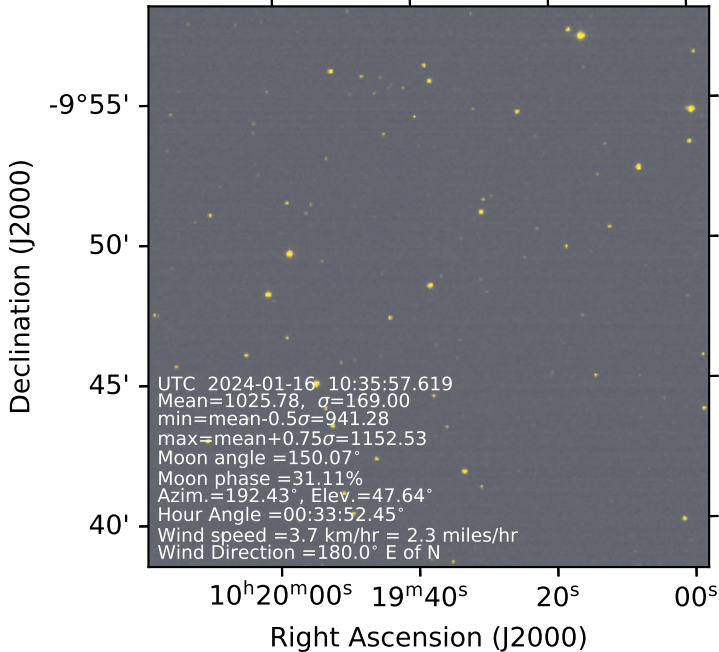
mjc016168 (R filter)



mjc01679 (R filter)



mjc016169 (R filter)



mjc0167a (R filter)

Declination (J2000)

-9°55'

50'

45'

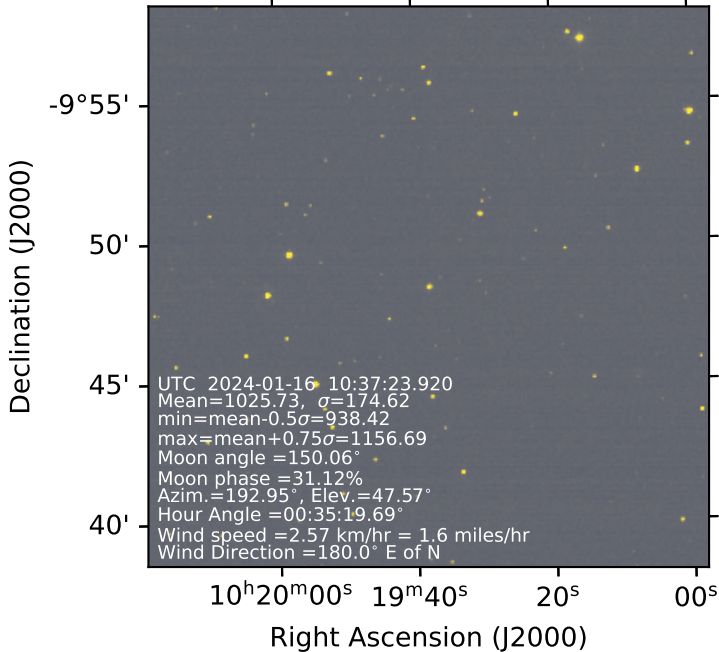
40'

UTC 2024-01-16 10:36:43.539
Mean=1000.95, $\sigma=12.38$
min=mean-0.5 σ =994.77
max=mean+0.75 σ =1010.24
Moon angle =150.06°
Moon phase =31.12%
Azim.=192.8°, Elev.=47.59°
Hour Angle =00:34:54.62°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

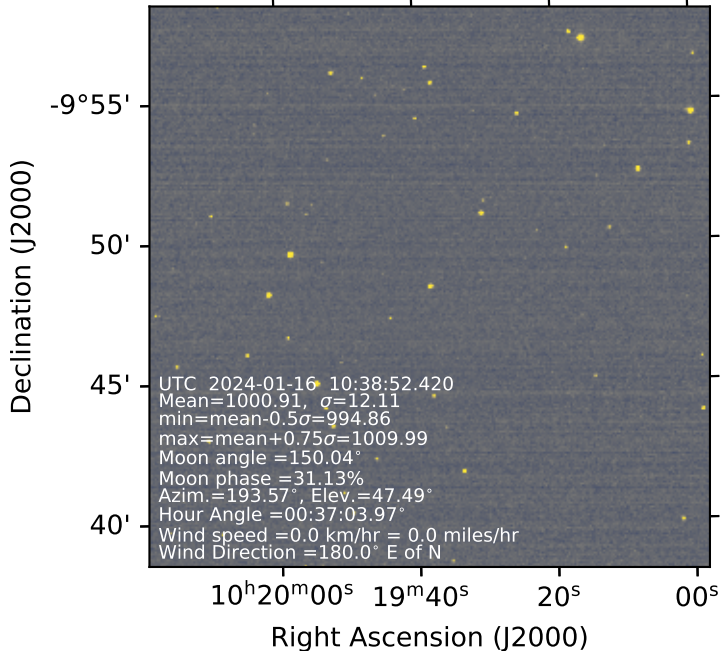
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

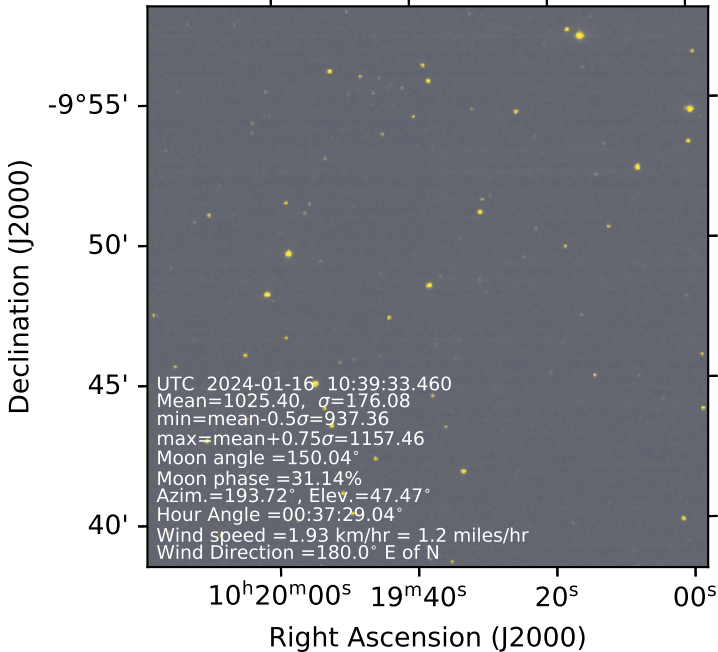
mjc01616a (R filter)



mjc0167b (R filter)



mjc01616b (R filter)



mjc0167c (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 10:40:18.980
Mean=1000.95, $\sigma=12.34$
min=mean-0.5 σ =994.79
max=mean+0.75 σ =1010.21
Moon angle =150.03°
Moon phase =31.15%
Azim.=194.09°, Elev.=47.41°
Hour Angle =00:38:31.21°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

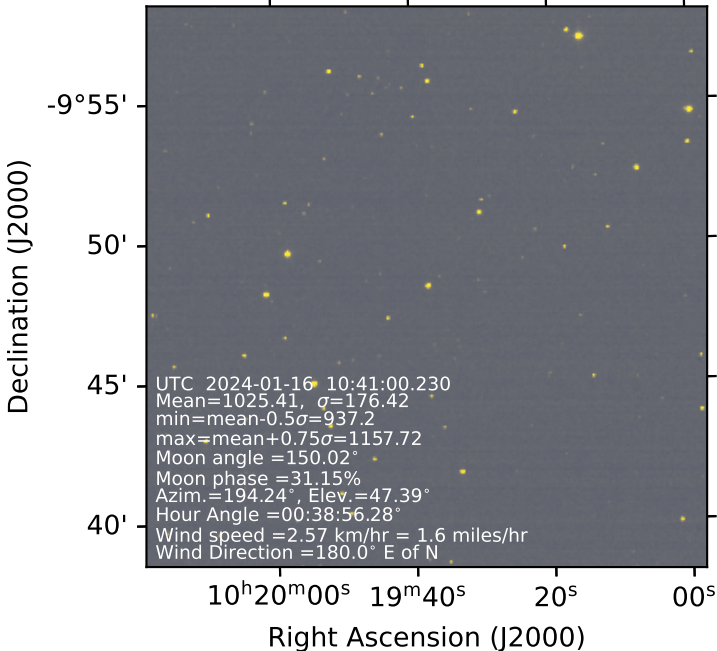
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc01616c (R filter)



mjc0167d (R filter)

Declination (J2000)

-9°55'

50'

45'

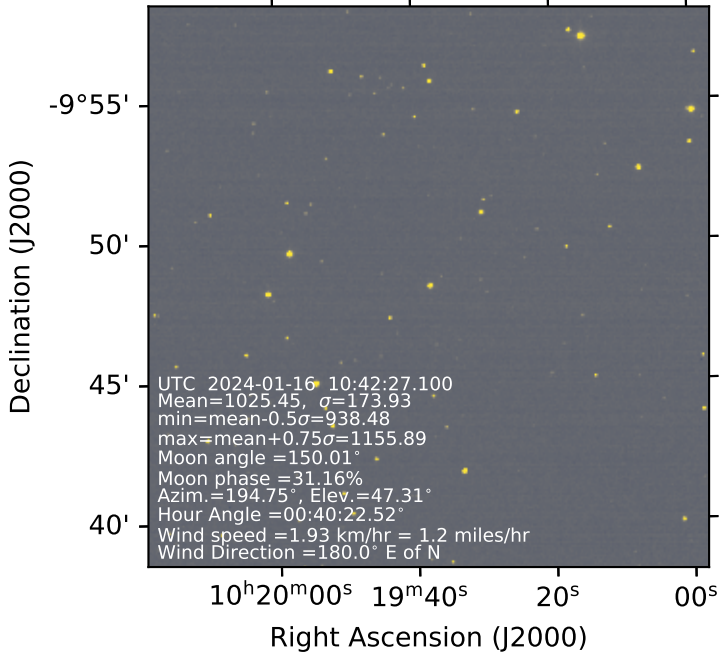
40'

UTC 2024-01-16 10:41:46.299
Mean=1000.94, $\sigma=12.17$
min=mean-0.5 σ =994.85
max=mean+0.75 σ =1010.06
Moon angle =150.01°
Moon phase =31.16%
Azim.=194.61°, Elev.=47.34°
Hour Angle =00:39:58.45°
Wind speed =2.57 km/hr = 1.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01616d (R filter)



mjc0167e (R filter)

Declination (J2000)

-9°55'

50'

45'

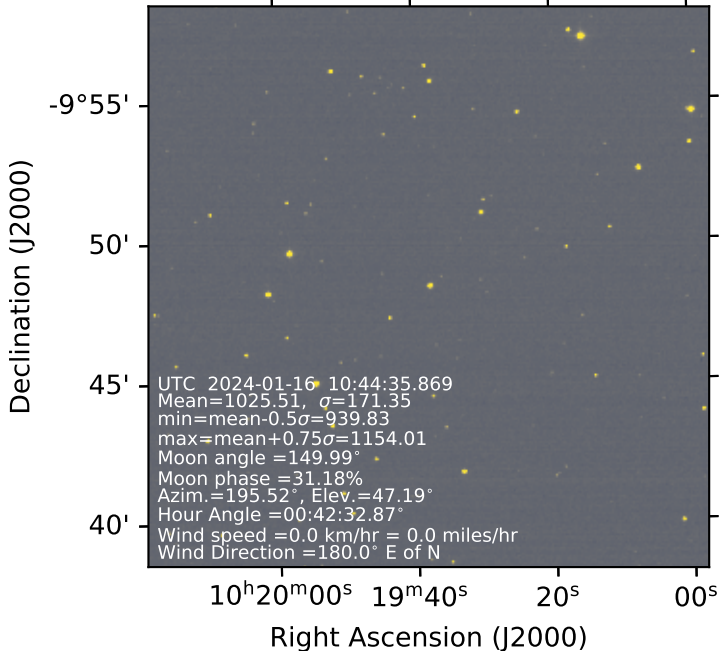
40'

UTC 2024-01-16 10:43:13.689
Mean=1000.95, σ =12.21
min=mean-0.5 σ =994.84
max=mean+0.75 σ =1010.11
Moon angle =150.0°
Moon phase =31.17%
Azim.=195.12°, Elev.=47.26°
Hour Angle =00:41:25.69°
Wind speed =1.93 km/hr = 1.2 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01616e (R filter)



mjc0167f (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 10:45:22.559
Mean=1000.96, $\sigma=11.68$
min=mean-0.5 σ =995.12
max=mean+0.75 σ =1009.72
Moon angle =149.98°
Moon phase =31.18%
Azim.=195.88°, Elev.=47.13°
Hour Angle =00:43:35.04°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

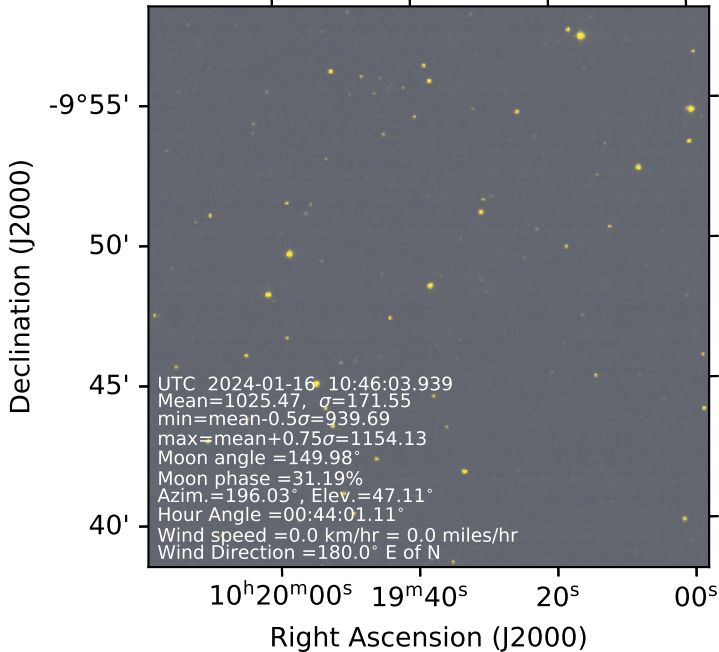
19^m40^s

20^s

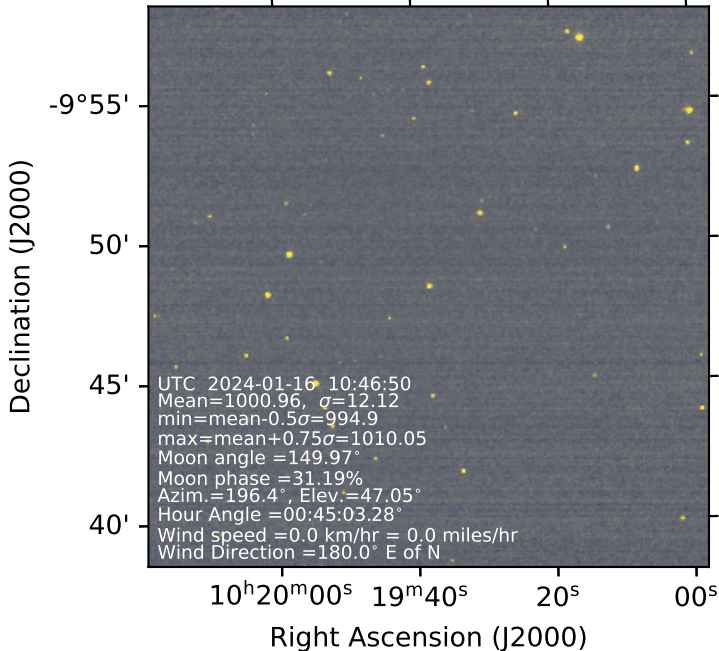
00^s

Right Ascension (J2000)

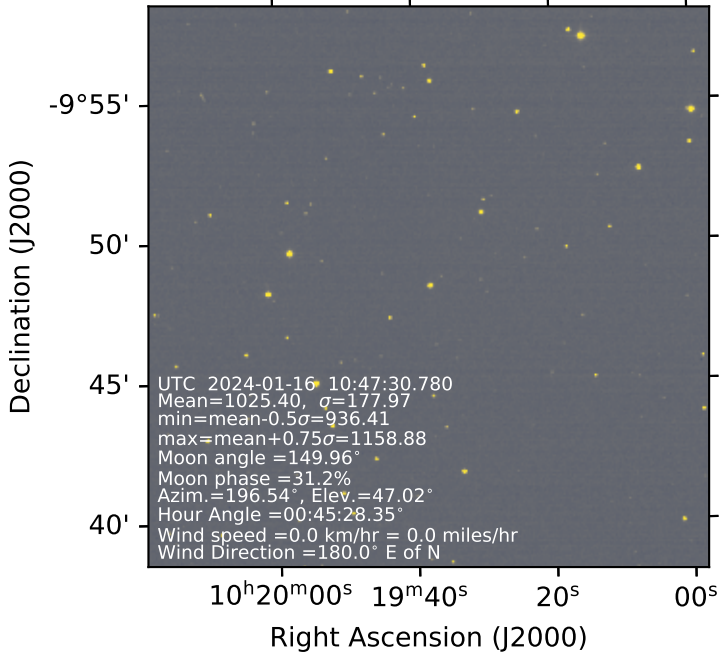
mjc01616f (R filter)



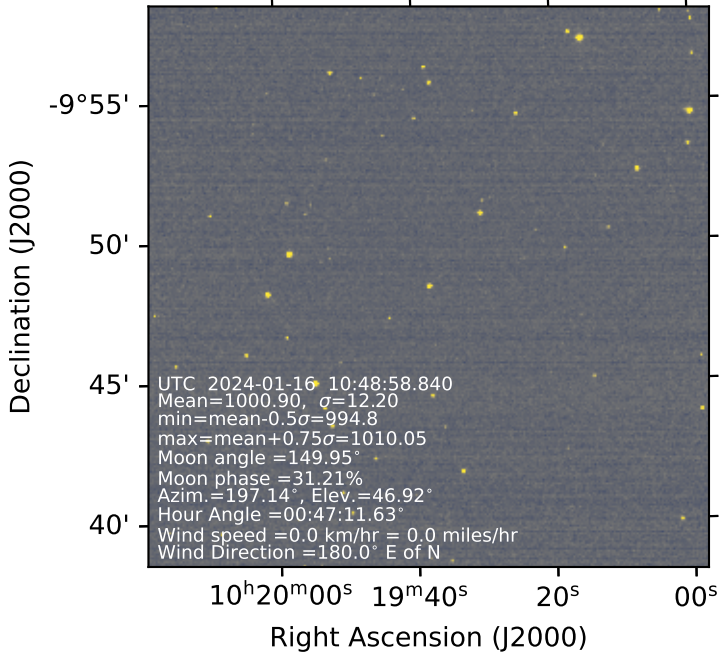
mjc01680 (R filter)



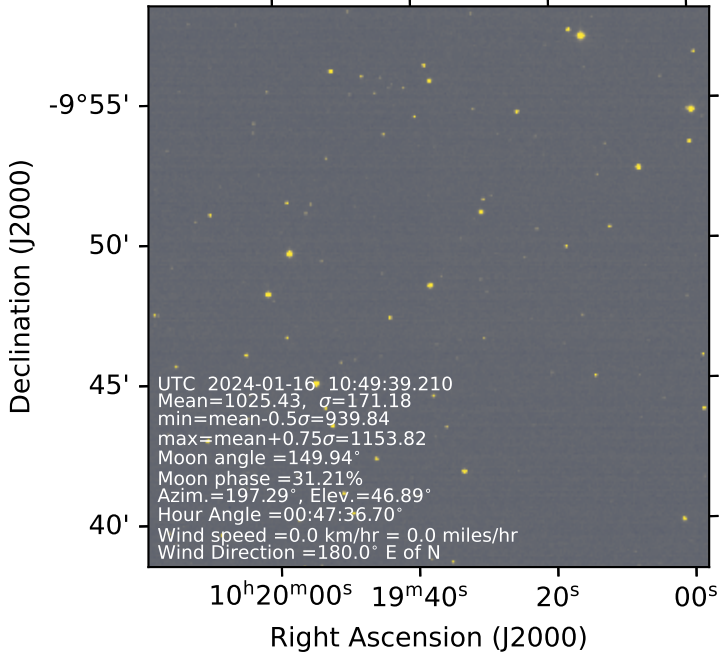
mjc016170 (R filter)



mjc01681 (R filter)



mjc016171 (R filter)



mjc01682 (R filter)

Declination (J2000)

-9°55'

50'

45'

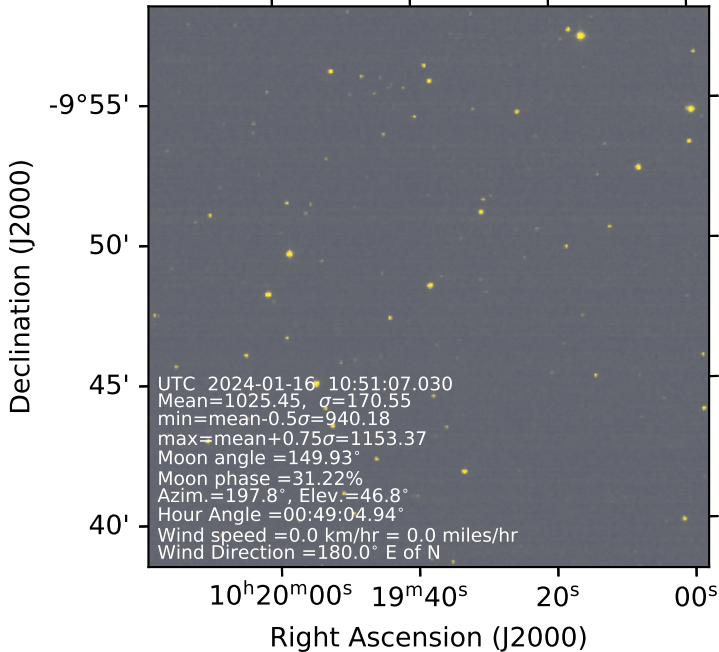
40'

UTC 2024-01-16 10:50:25.629
Mean=1000.96, $\sigma=12.21$
min=mean-0.5 σ =994.86
max=mean+0.75 σ =1010.12
Moon angle =149.93°
Moon phase =31.22%
Azim.=197.65°, Elev.=46.82°
Hour Angle =00:48:38.87°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016172 (R filter)



mjc01683 (R filter)

Declination (J2000)

-9°55'

50'

45'

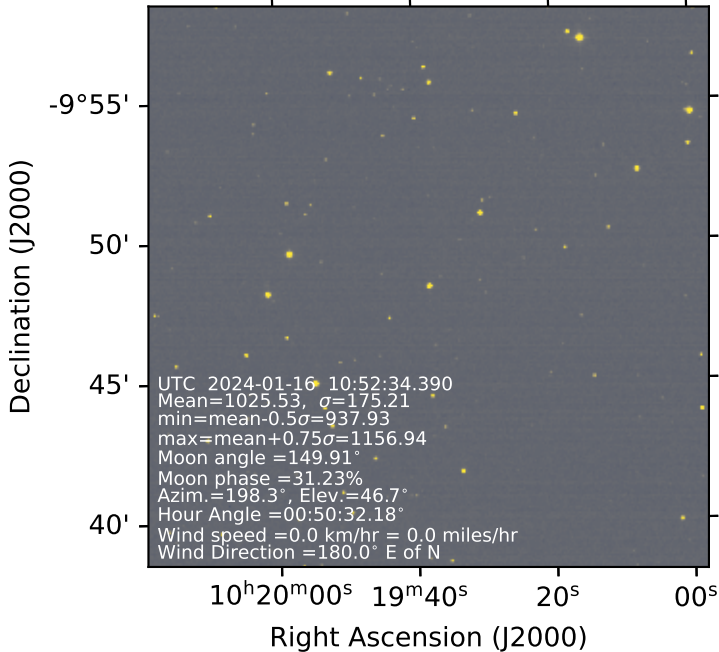
40'

UTC 2024-01-16 10:51:53.600
Mean=1000.96, $\sigma=11.95$
min=mean-0.5 σ =994.99
max=mean+0.75 σ =1009.92
Moon angle =149.92°
Moon phase =31.23%
Azim.=198.16°, Elev.=46.73°
Hour Angle =00:50:07.11°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016173 (R filter)



mjc01684 (R filter)

Declination (J2000)

-9°55'

50'

45'

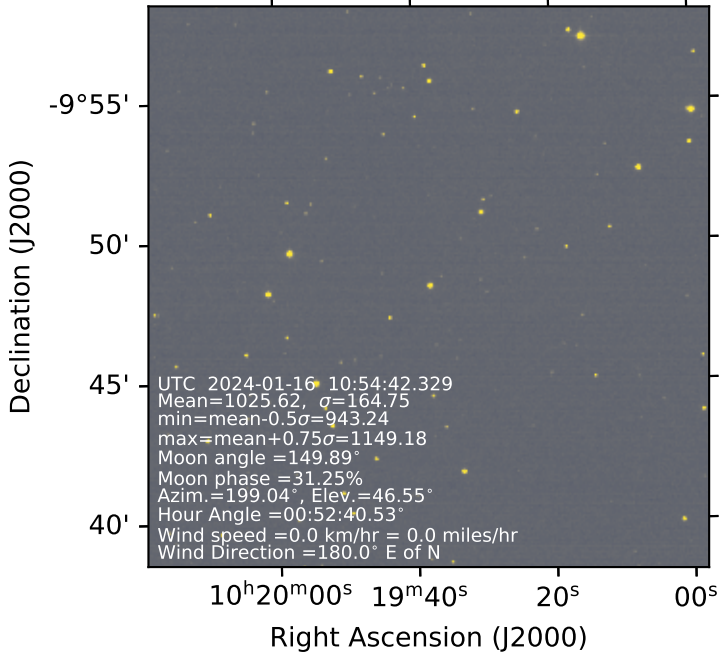
40'

UTC 2024-01-16 10:54:02.080
Mean=1000.94, $\sigma=12.15$
min=mean-0.5 σ =994.87
max=mean+0.75 σ =1010.05
Moon angle =149.9°
Moon phase =31.25%
Azim.=198.9°, Elev.=46.58°
Hour Angle =00:52:16.47°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016174 (R filter)



mjc01685 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 10:55:27.980
Mean=1000.95, σ =11.81
min=mean-0.5 σ =995.04
max=mean+0.75 σ =1009.81
Moon angle =149.88°
Moon phase =31.26%
Azim.=199.4°, Elev.=46.48°
Hour Angle =00:53:42.70°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

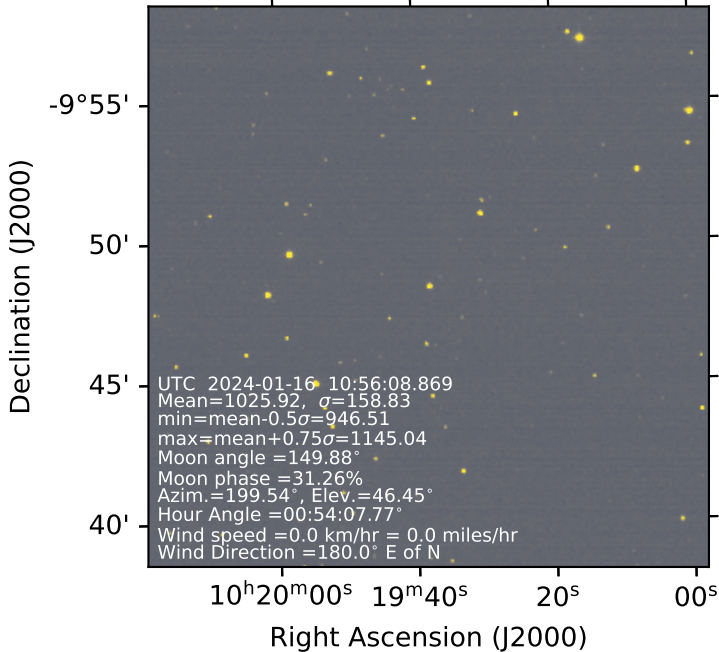
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016175 (R filter)



mjc01686 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 10:57:37.409
Mean=1001.02, σ =11.66
min=mean-0.5 σ =995.19
max=mean+0.75 σ =1009.77
Moon angle =149.86°
Moon phase =31.27%
Azim.=200.13°, Elev.=46.33°
Hour Angle =00:55:52.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

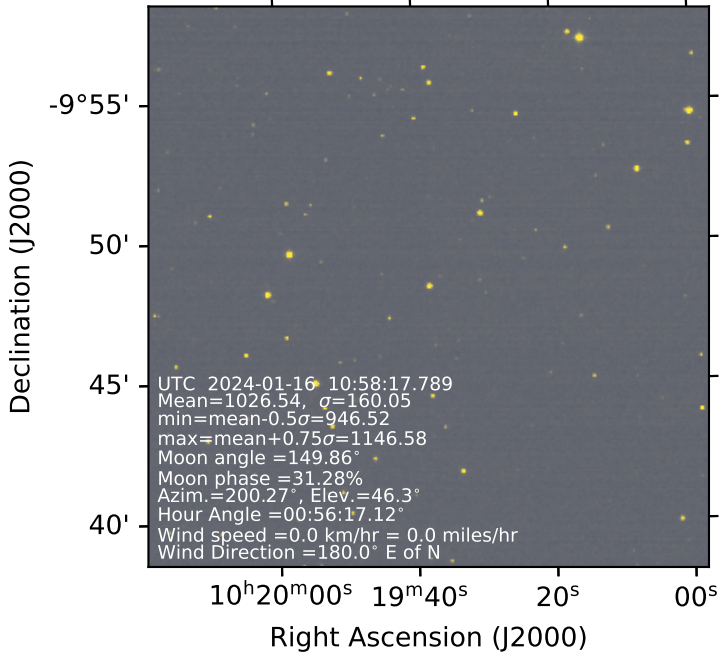
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016176 (R filter)



mjc01687 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 10:59:03.790
Mean=1001.04, $\sigma=11.77$
min=mean-0.5 σ =995.16
max=mean+0.75 σ =1009.87
Moon angle =149.85°
Moon phase =31.28%
Azim.=200.62°, Elev.=46.22°
Hour Angle =00:57:18.29°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

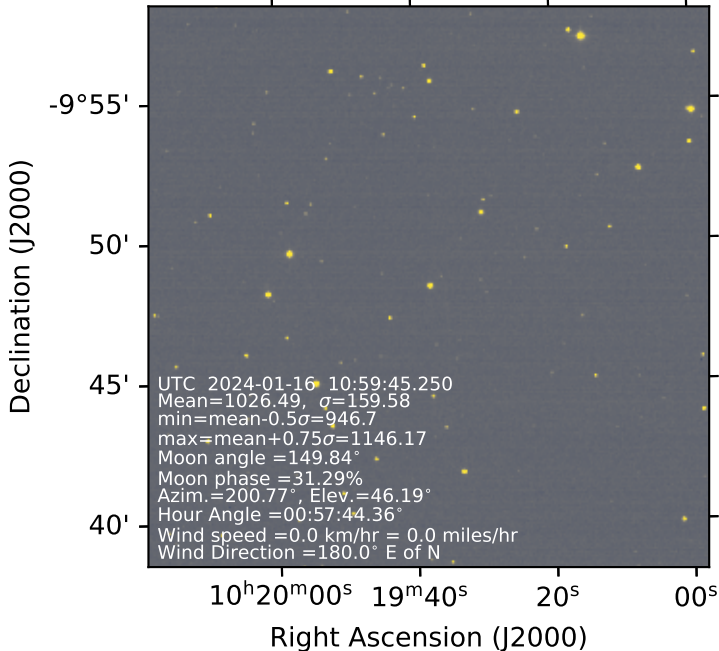
19^m40^s

20^s

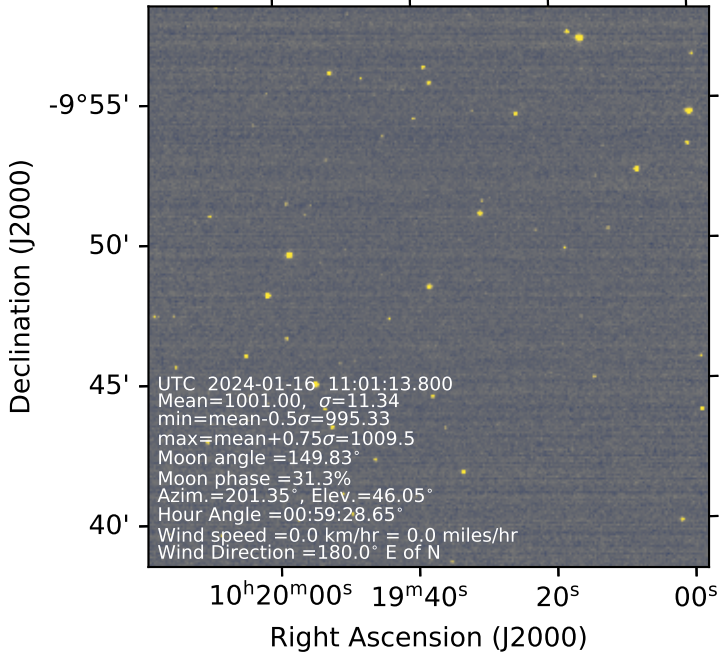
00^s

Right Ascension (J2000)

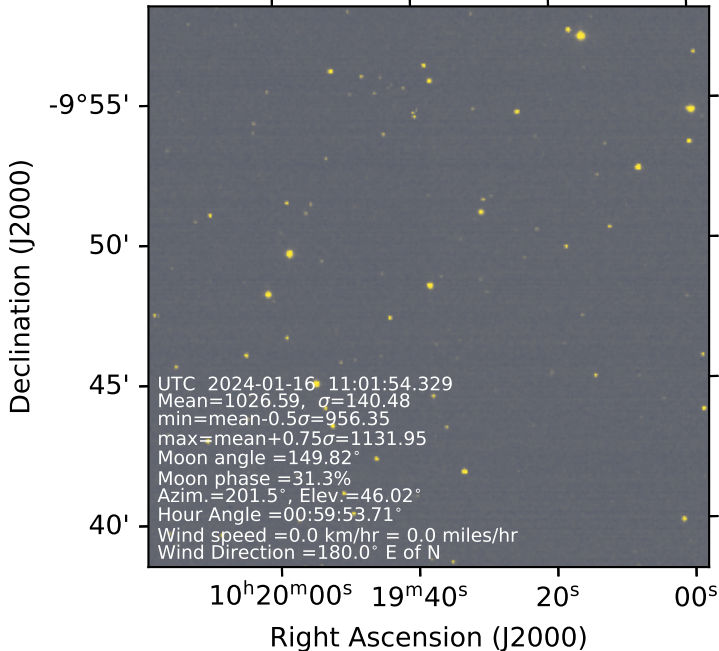
mjc016177 (R filter)



mjc01688 (R filter)



mjc016178 (R filter)



mjc01689 (R filter)

Declination (J2000)

-9°55'

50'

45'

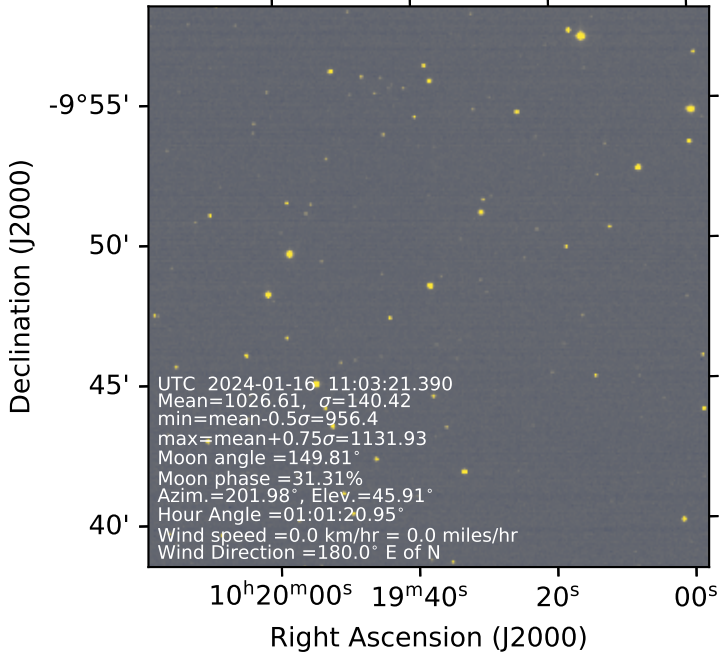
40'

UTC 2024-01-16 11:02:40.280
Mean=1001.02, σ =10.82
min=mean-0.5 σ =995.6
max=mean+0.75 σ =1009.13
Moon angle =149.81°
Moon phase =31.31%
Azim.=201.84°, Elev.=45.94°
Hour Angle =01:00:55.88°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016179 (R filter)



mjc0168a (R filter)

Declination (J2000)

-9°55'

50'

45'

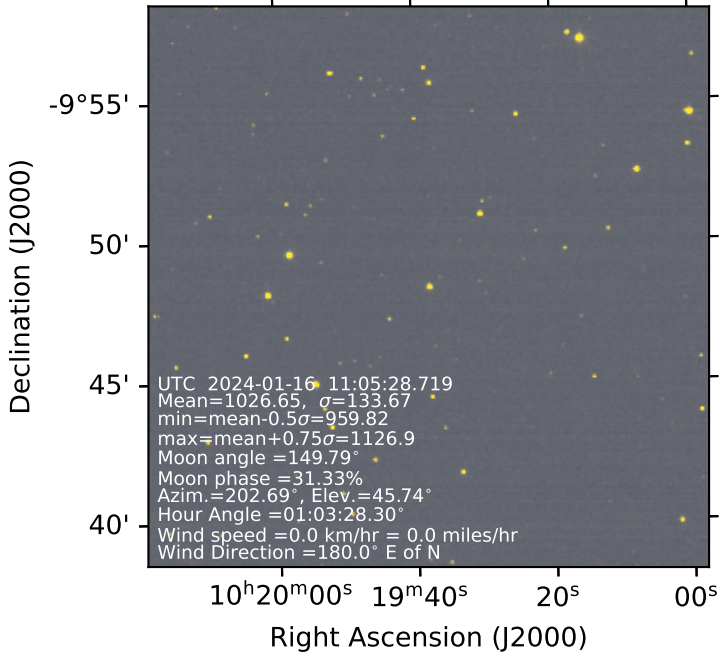
40'

UTC 2024-01-16 11:04:06.929
Mean=1001.04, $\sigma=10.23$
min=mean-0.5 σ =995.92
max=mean+0.75 σ =1008.71
Moon angle =149.8°
Moon phase =31.32%
Azim.=202.33°, Elev.=45.82°
Hour Angle =01:02:23.12°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

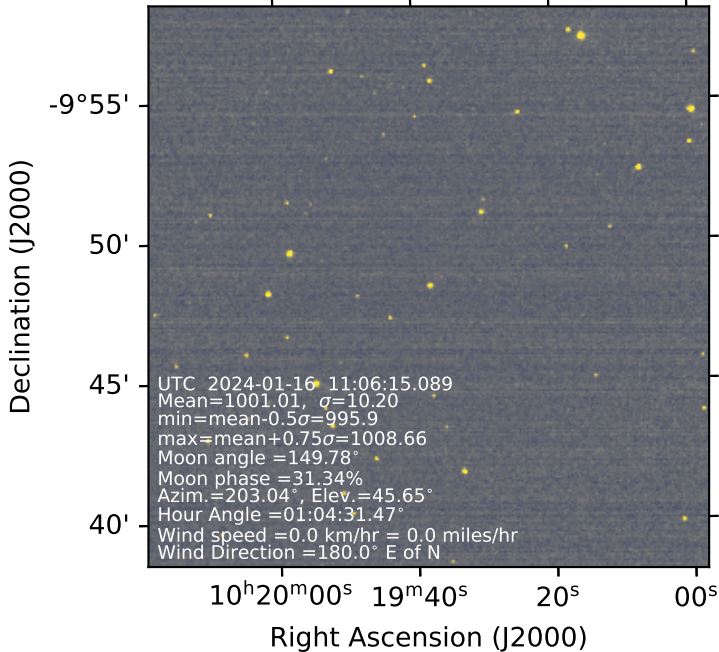
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

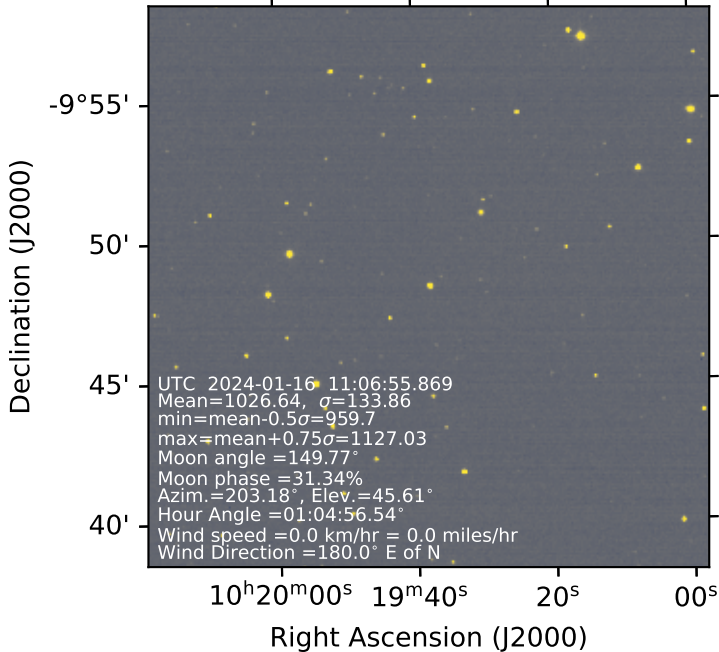
mjc01617a (R filter)



mjc0168b (R filter)



mjc01617b (R filter)



mjc0168c (R filter)

Declination (J2000)

-9°55'

50'

45'

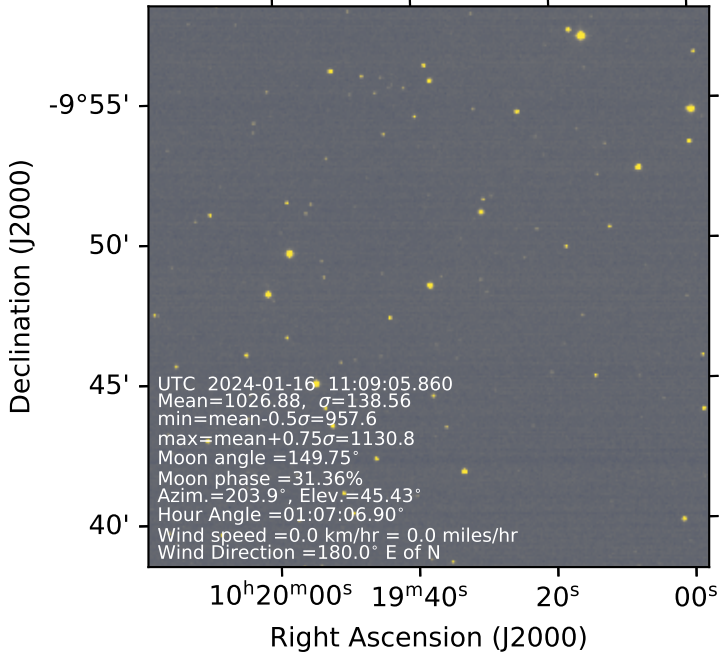
40'

UTC 2024-01-16 11:08:25.109
Mean=1001.03, σ =10.29
min=mean-0.5 σ =995.89
max=mean+0.75 σ =1008.75
Moon angle =149.76°
Moon phase =31.35%
Azim.=203.76°, Elev.=45.47°
Hour Angle =01:06:41.83°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01617c (R filter)



mjc0168d (R filter)

Declination (J2000)

-9°55'

50'

45'

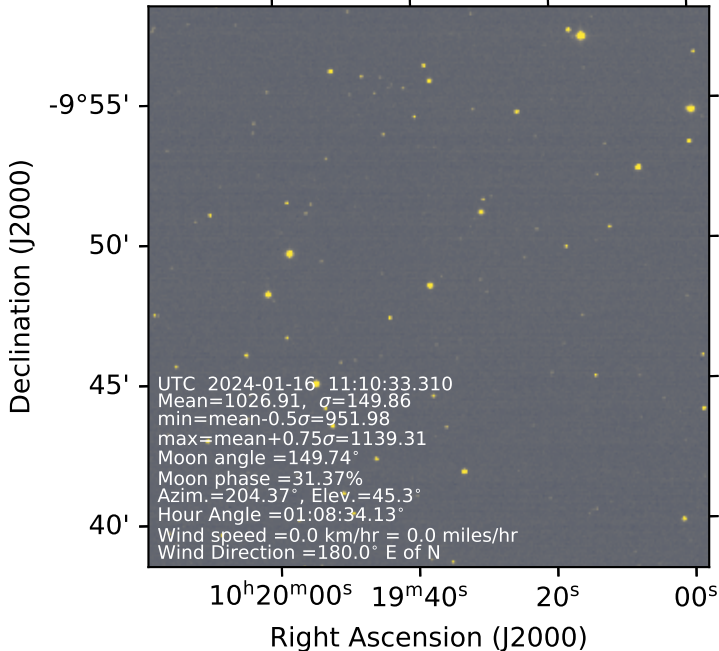
40'

UTC 2024-01-16 11:09:52.299
Mean=1001.05, $\sigma=10.61$
min=mean-0.5 σ =995.75
max=mean+0.75 σ =1009.01
Moon angle =149.74°
Moon phase =31.37%
Azim.=204.24°, Elev.=45.34°
Hour Angle =01:08:09.07°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01617d (R filter)



mjc0168e (R filter)

Declination (J2000)

-9°55'

50'

45'

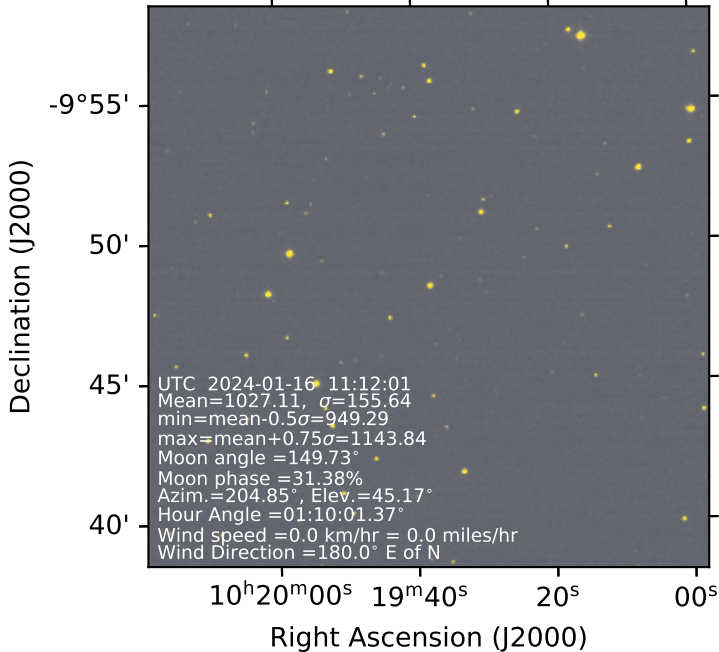
40'

UTC 2024-01-16 11:11:19.660
Mean=1001.06, $\sigma=10.71$
min=mean-0.5 σ =995.71
max=mean+0.75 σ =1009.1
Moon angle =149.73°
Moon phase =31.38%
Azim.=204.71°, Elev.=45.21°
Hour Angle =01:09:36.30°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

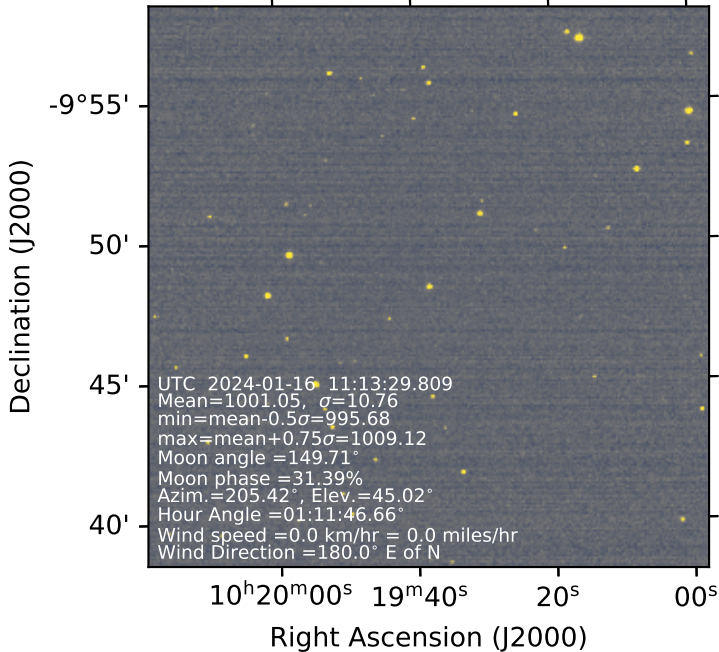
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

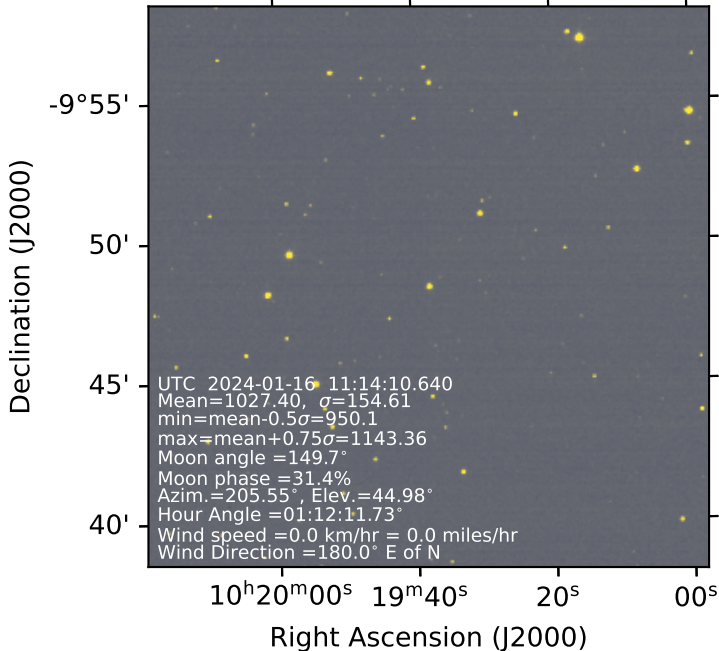
mjc01617e (R filter)



mjc0168f (R filter)



mjc01617f (R filter)



mjc01690 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:14:56.490
Mean=1001.09, σ =10.90
min=mean-0.5 σ =995.64
max=mean+0.75 σ =1009.27
Moon angle =149.69°
Moon phase =31.4%
Azim.=205.89°, Elev.=44.88°
Hour Angle =01:13:13.90°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01691 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:16:01.239
Mean=1001.02, σ =10.81
min=mean-0.5 σ =995.61
max=mean+0.75 σ =1009.13
Moon angle =149.68°
Moon phase =31.41%
Azim.=206.23°, Elev.=44.78°
Hour Angle =01:14:19.08°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

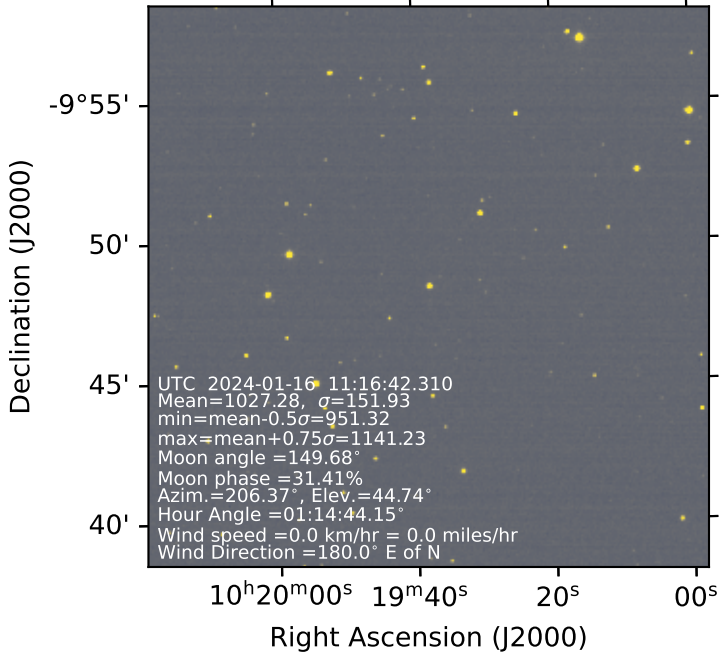
19^m40^s

20^s

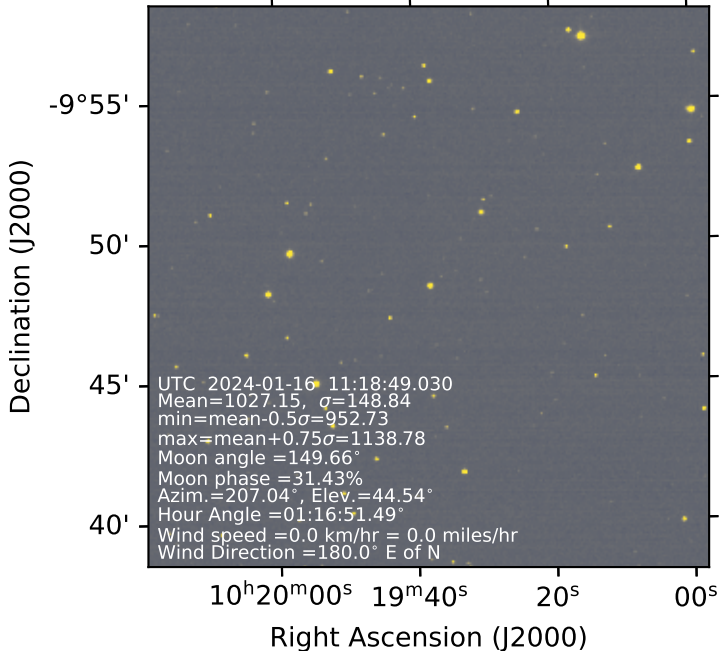
00^s

Right Ascension (J2000)

mjc016180 (R filter)



mjc016181 (R filter)



mjc01692 (R filter)

Declination (J2000)

-9°55'

50'

45'

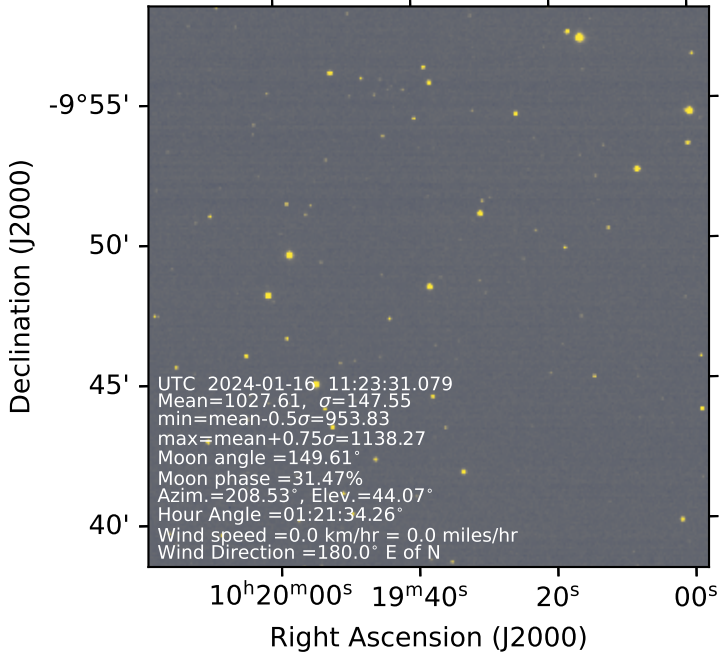
40'

UTC 2024-01-16 11:22:50.250
Mean=1001.05, $\sigma=9.64$
min=mean-0.5 σ =996.23
max=mean+0.75 σ =1008.28
Moon angle =149.62°
Moon phase =31.46%
Azim.=208.4°, Elev.=44.11°
Hour Angle =01:21:09.20°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016182 (R filter)



mjc01693 (R filter)

Declination (J2000)

-9°55'

50'

45'

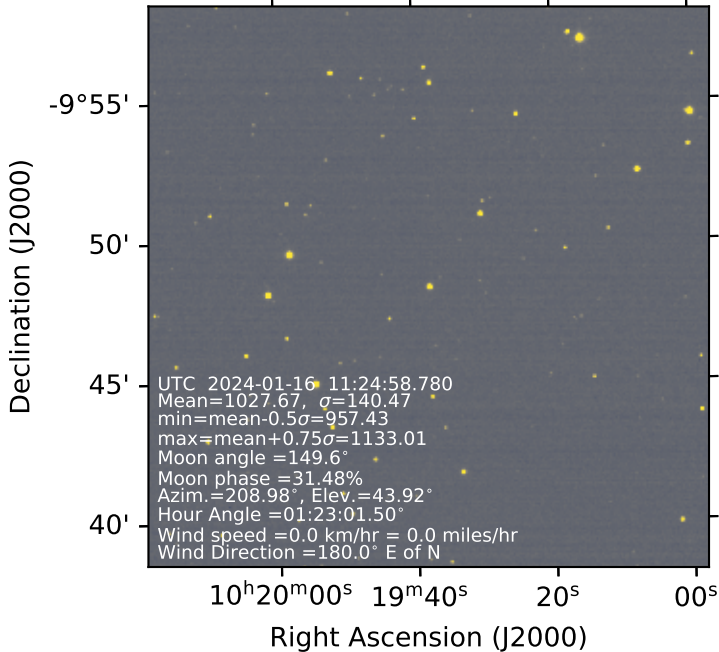
40'

UTC 2024-01-16 11:24:17.719
Mean=1001.09, σ =10.01
min=mean-0.5 σ =996.09
max=mean+0.75 σ =1008.6
Moon angle =149.6°
Moon phase =31.47%
Azim.=208.85°, Elev.=43.97°
Hour Angle =01:22:36.43°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016183 (R filter)



mjc01694 (R filter)

Declination (J2000)

-9°55'

50'

45'

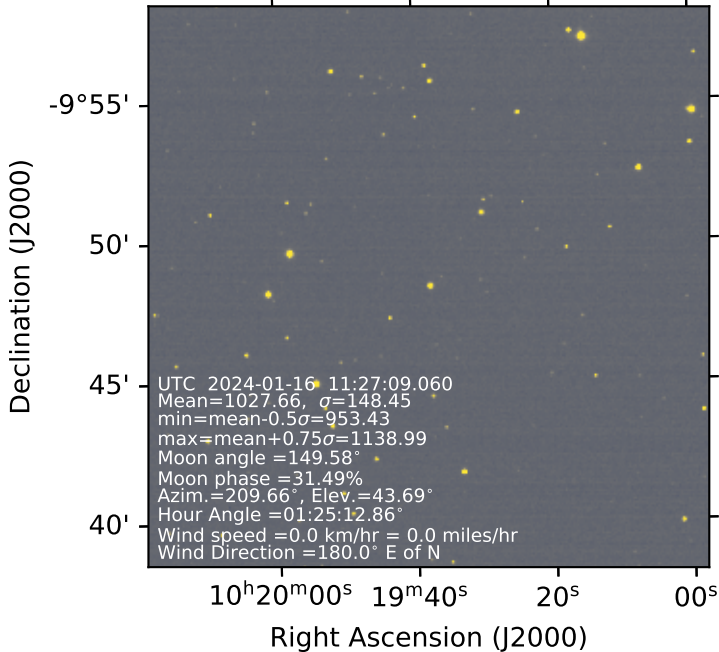
40'

UTC 2024-01-16 11:26:27.989
Mean=1001.10, σ =10.14
min=mean-0.5 σ =996.03
max=mean+0.75 σ =1008.71
Moon angle =149.58°
Moon phase =31.49%
Azim.=209.53°, Elev.=43.74°
Hour Angle =01:24:47.79°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016184 (R filter)



mjc01695 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:27:55.240
Mean=1001.11, σ =11.04
min=mean-0.5 σ =995.59
max=mean+0.75 σ =1009.38
Moon angle =149.57°
Moon phase =31.5%
Azim.=209.98°, Elev.=43.58°
Hour Angle =01:26:15.03°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

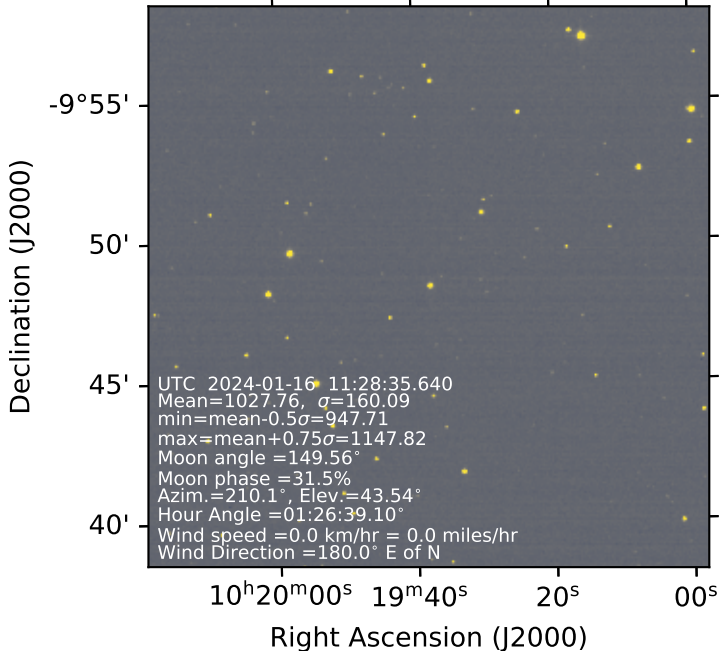
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016185 (R filter)



mjc01696 (R filter)

Declination (J2000)

-9°55'

50'

45'

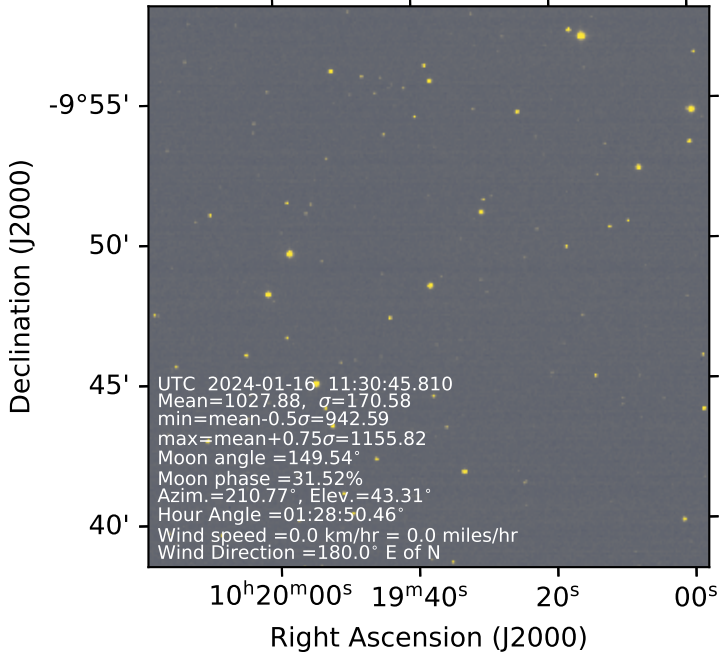
40'

UTC 2024-01-16 11:30:05.219
Mean=1001.06, $\sigma=11.53$
min=mean-0.5 σ =995.29
max=mean+0.75 σ =1009.71
Moon angle = 149.55°
Moon phase = 31.52%
Azim.=210.64°, Elev.=43.35°
Hour Angle = 01:28:25.39°
Wind speed = 0.0 km/hr = 0.0 miles/hr
Wind Direction = 180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016186 (R filter)



mjc01697 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:31:31.570
Mean=1001.13, σ =11.90
min=mean-0.5 σ =995.17
max=mean+0.75 σ =1010.05
Moon angle =149.53°
Moon phase =31.53%
Azim.=211.08°, Elev.=43.19°
Hour Angle =01:29:51.62°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

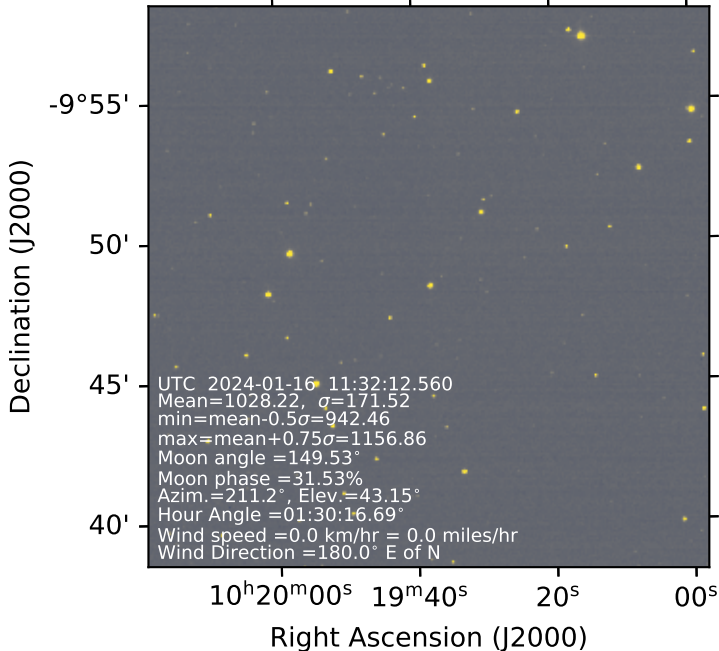
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016187 (R filter)



mjc01698 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:32:58.549
Mean=1001.12, σ =11.89
min=mean-0.5 σ =995.18
max=mean+0.75 σ =1010.04
Moon angle =149.52°
Moon phase =31.54%
Azim.=211.51°, Elev.=43.03°
Hour Angle =01:31:18.86°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016188 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:33:39.520
Mean=1028.22, σ =170.23
min=mean-0.5 σ =943.11
max=mean+0.75 σ =1155.9
Moon angle =149.51°
Moon phase =31.54%
Azim.=211.64°, Elev.=42.99°
Hour Angle =01:31:43.93°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01699 (R filter)

Declination (J2000)

-9°55'

50'

45'

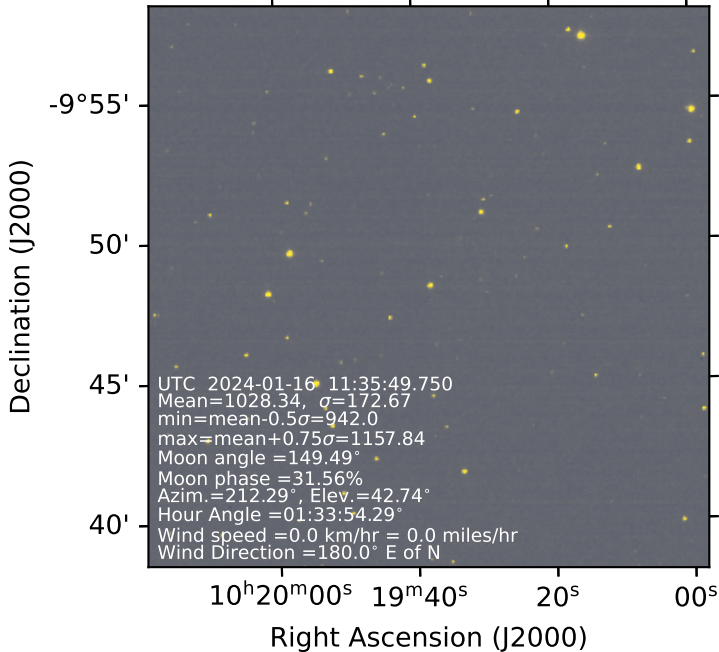
40'

UTC 2024-01-16 11:35:09.449
Mean=1001.08, $\sigma=12.07$
min=mean- $0.5\sigma=995.05$
max=mean+ $0.75\sigma=1010.13$
Moon angle = 149.5°
Moon phase = 31.55%
Azim. = 212.17° , Elev. = 42.79°
Hour Angle = $01:33:30.22^\circ$
Wind speed = 0.0 km/hr = 0.0 miles/hr
Wind Direction = 180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016189 (R filter)



mjc0169a (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:36:35.450
Mean=1001.13, σ =11.89
min=mean-0.5 σ =995.18
max=mean+0.75 σ =1010.05
Moon angle =149.48°
Moon phase =31.56%
Azim.=212.6°, Elev.=42.62°
Hour Angle =01:34:56.46°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

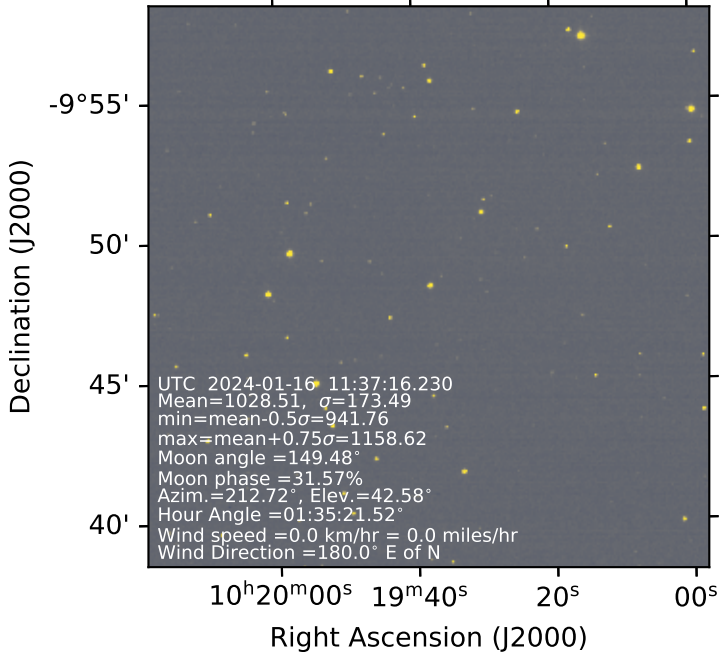
19^m40^s

20^s

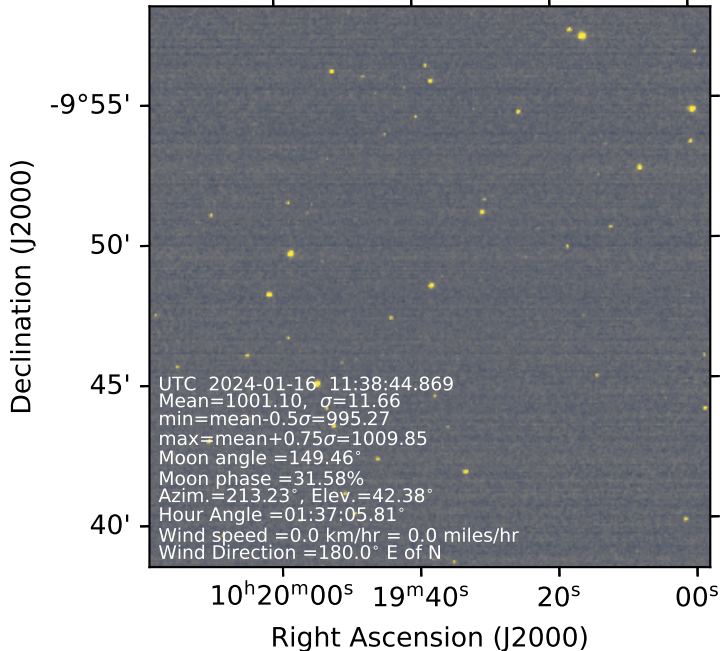
00^s

Right Ascension (J2000)

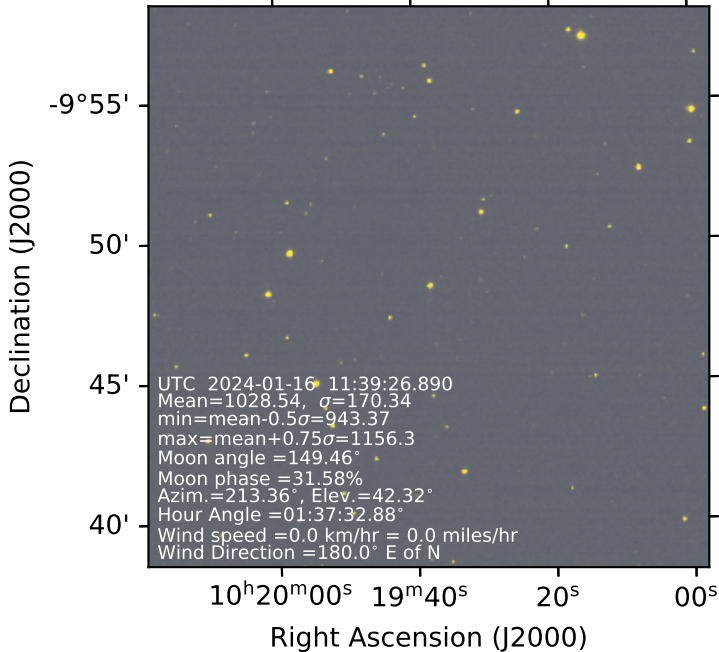
mjc01618a (R filter)



mjc0169b (R filter)



mjc01618b (R filter)



mjc0169c (R filter)

Declination (J2000)

-9°55'

50'

45'

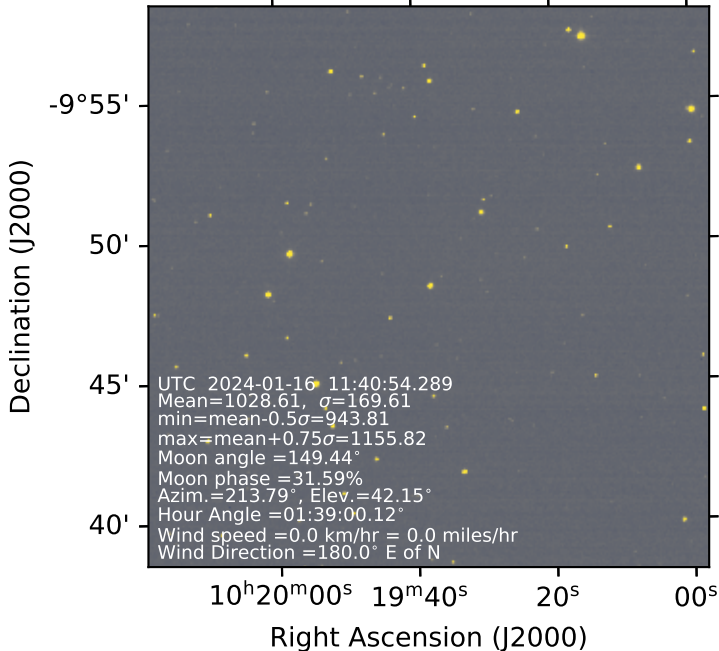
40'

UTC 2024-01-16 11:40:12.359
Mean=1001.14, σ =11.59
min=mean-0.5 σ =995.35
max=mean+0.75 σ =1009.83
Moon angle =149.45°
Moon phase =31.59%
Azim.=213.66°, Elev.=42.2°
Hour Angle =01:38:34.05°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01618c (R filter)



mjc0169d (R filter)

Declination (J2000)

-9°55'

50'

45'

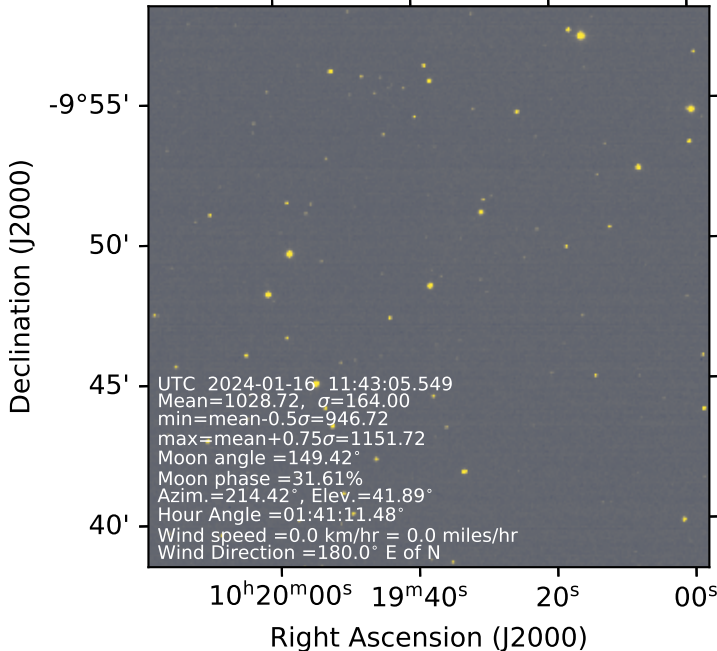
40'

UTC 2024-01-16 11:42:23.879
Mean=1001.11, σ =11.46
min=mean-0.5 σ =995.38
max=mean+0.75 σ =1009.7
Moon angle =149.43°
Moon phase =31.61%
Azim.=214.3°, Elev.=41.94°
Hour Angle =01:40:45.41°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01618d (R filter)



mjc0169e (R filter)

Declination (J2000)

-9°55'

50'

45'

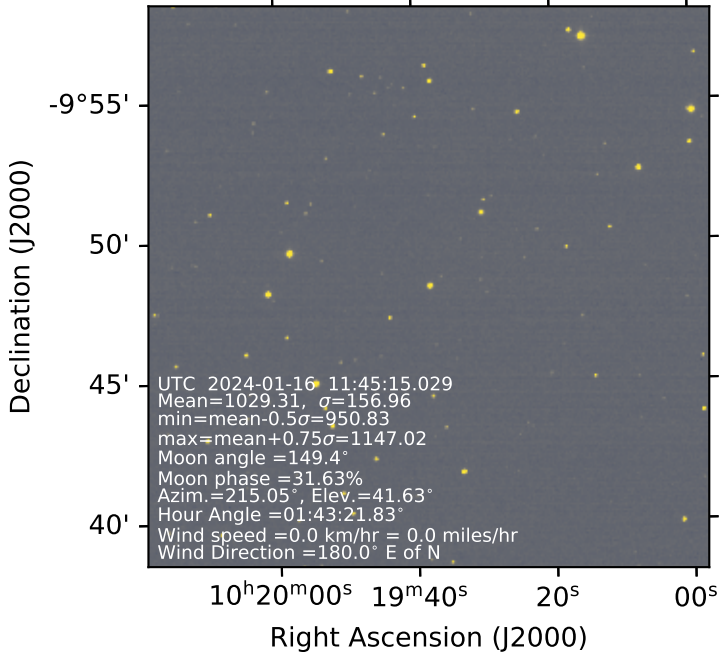
40'

UTC 2024-01-16 11:44:33.979
Mean=1001.14, σ =10.99
min=mean-0.5 σ =995.64
max=mean+0.75 σ =1009.38
Moon angle =149.4°
Moon phase =31.62%
Azim.=214.92°, Elev.=41.68°
Hour Angle =01:42:55.76°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

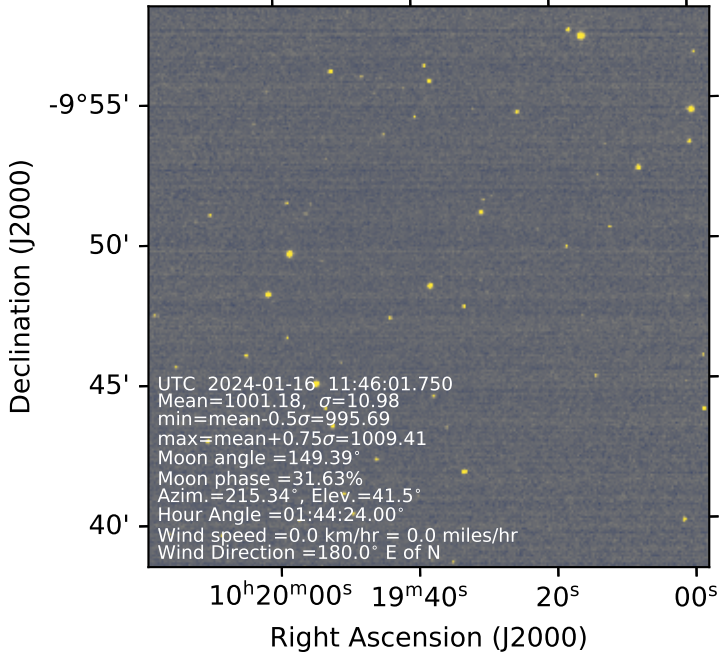
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

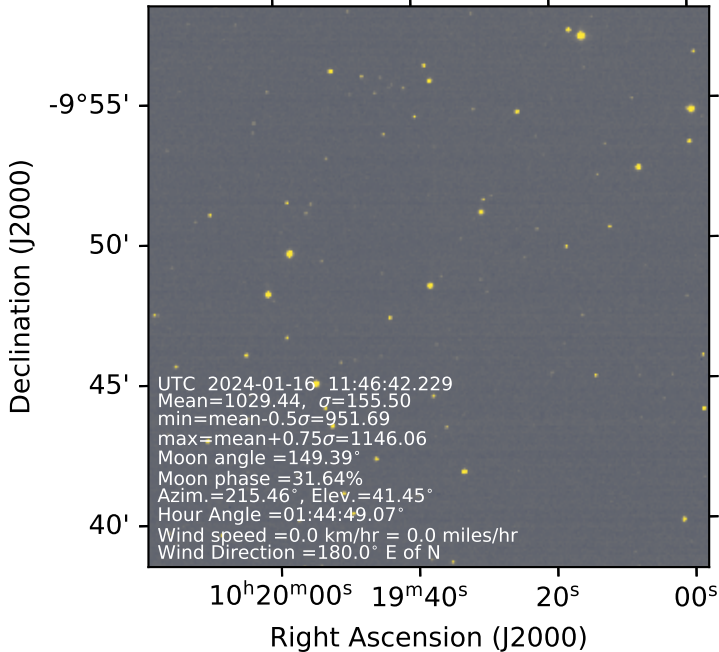
mjc01618e (R filter)



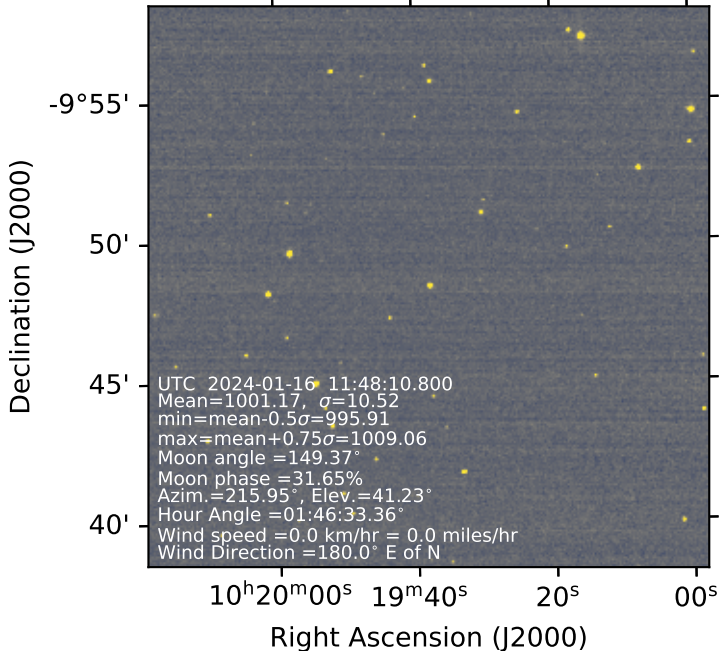
mjc0169f (R filter)



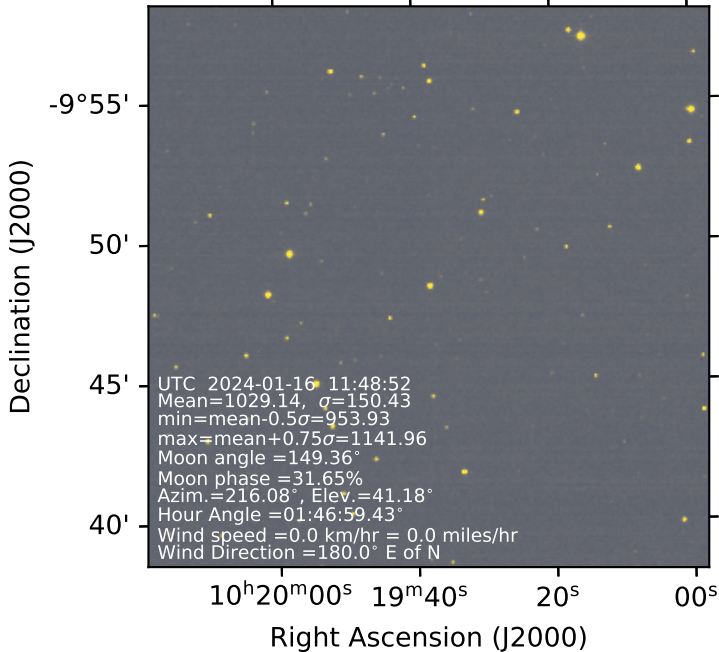
mjc01618f (R filter)



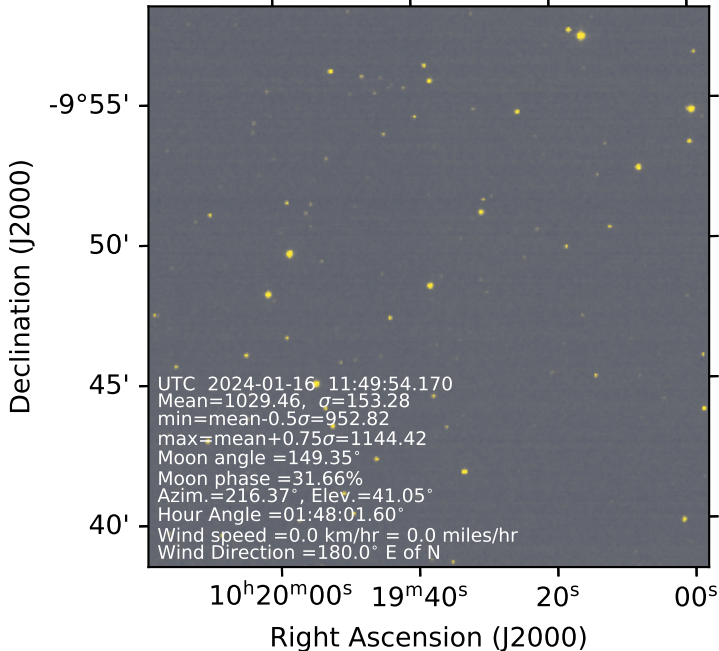
mjc016a0 (R filter)



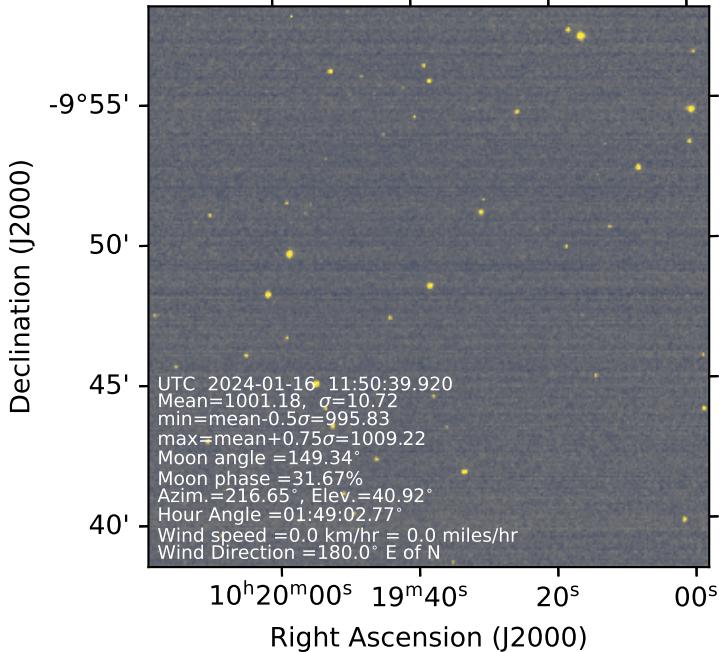
mjc01620f (R filter)



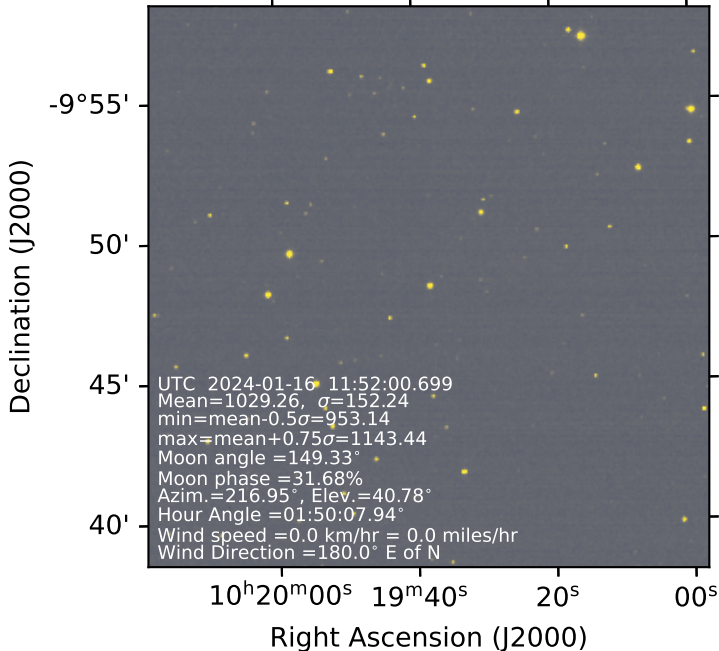
mjc016190 (R filter)



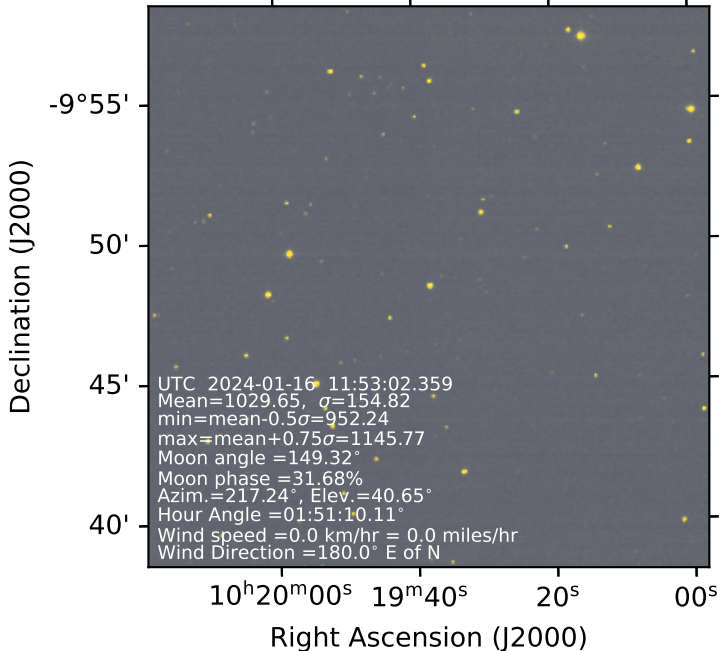
mjc016a1 (R filter)



mjc01620e (R filter)



mjc016191 (R filter)



mjc016a2 (R filter)

Declination (J2000)

-9°55'

50'

45'

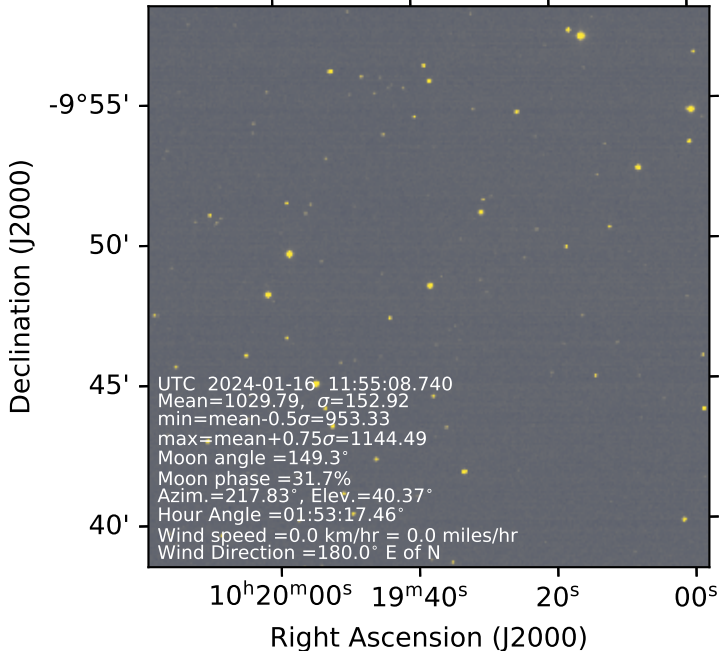
40'

UTC 2024-01-16 11:53:47.670
Mean=1001.23, σ =10.61
min=mean-0.5 σ =995.93
max=mean+0.75 σ =1009.18
Moon angle =149.31°
Moon phase =31.69%
Azim.=217.52°, Elev.=40.52°
Hour Angle =01:52:11.28°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

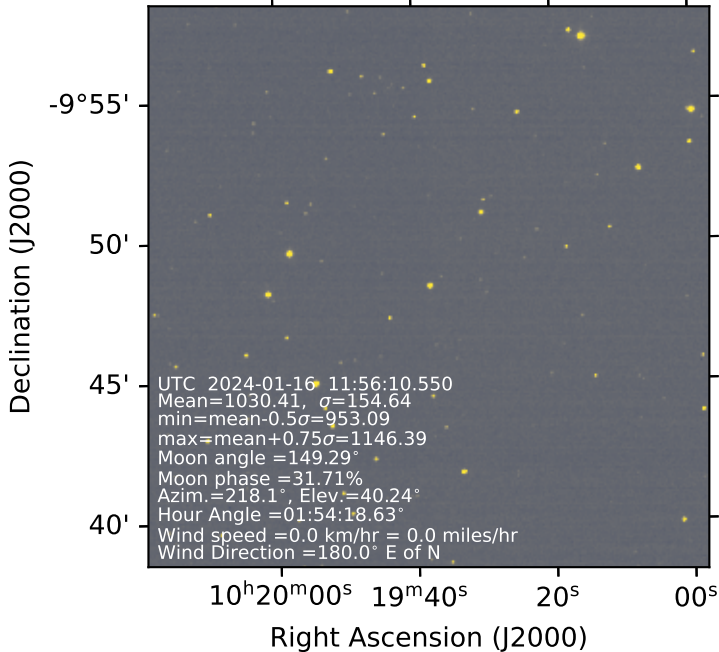
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01620d (R filter)



mjc016192 (R filter)



mjc016a3 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 11:56:56.859
Mean=1001.21, σ =10.81
min=mean-0.5 σ =995.81
max=mean+0.75 σ =1009.32
Moon angle =149.28°
Moon phase =31.72%
Azim.=218.39°, Elev.=40.1°
Hour Angle =01:55:20.80°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

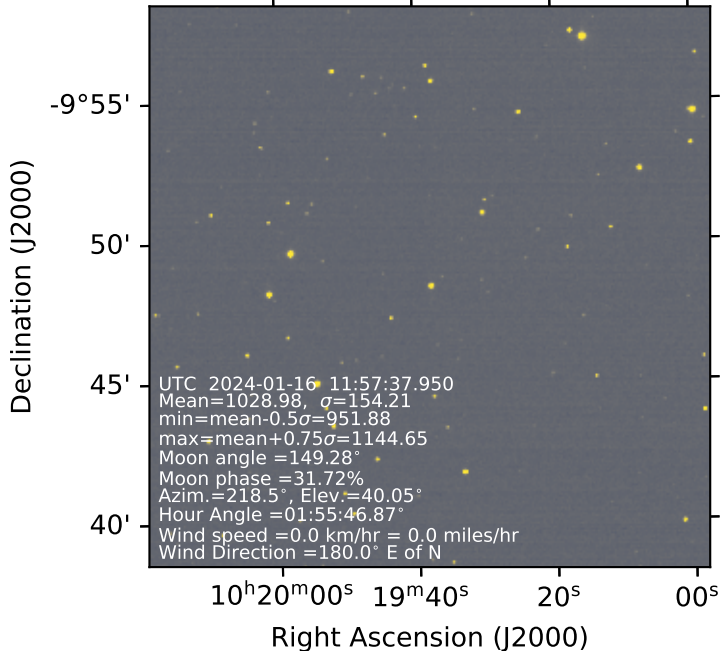
19^m40^s

20^s

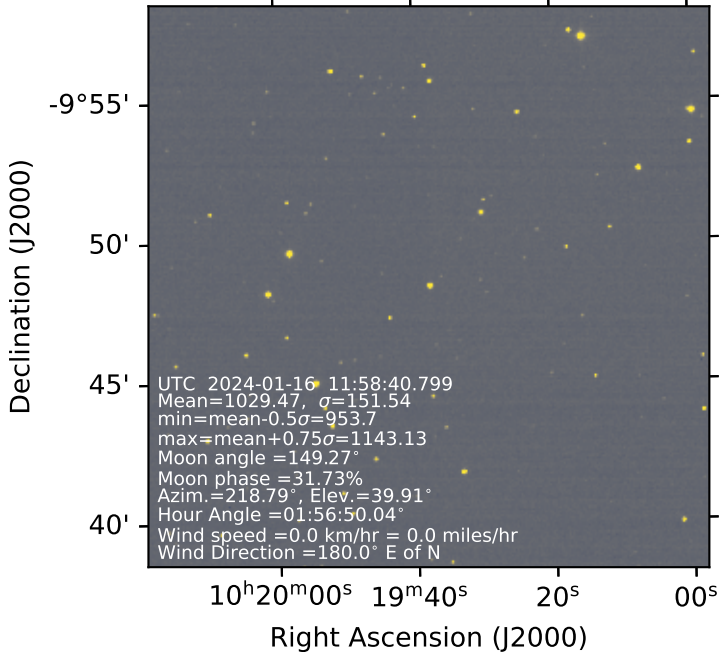
00^s

Right Ascension (J2000)

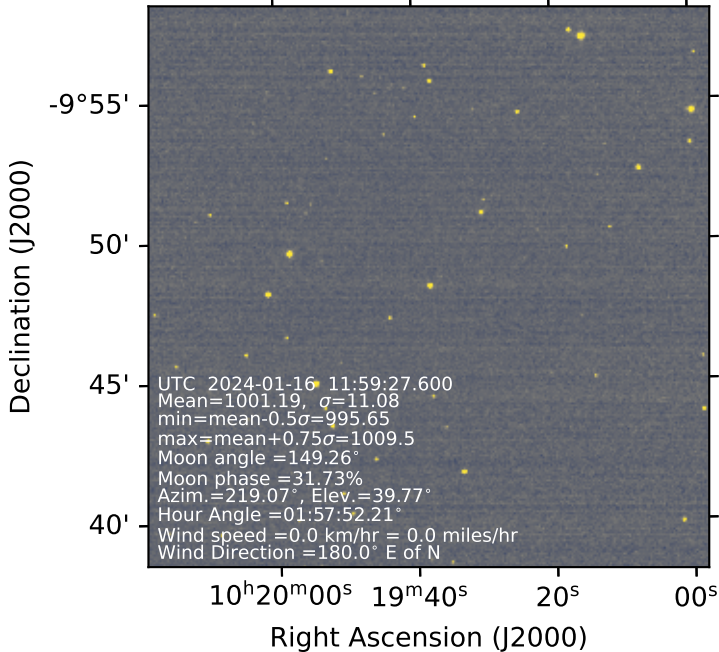
mjc01620c (R filter)



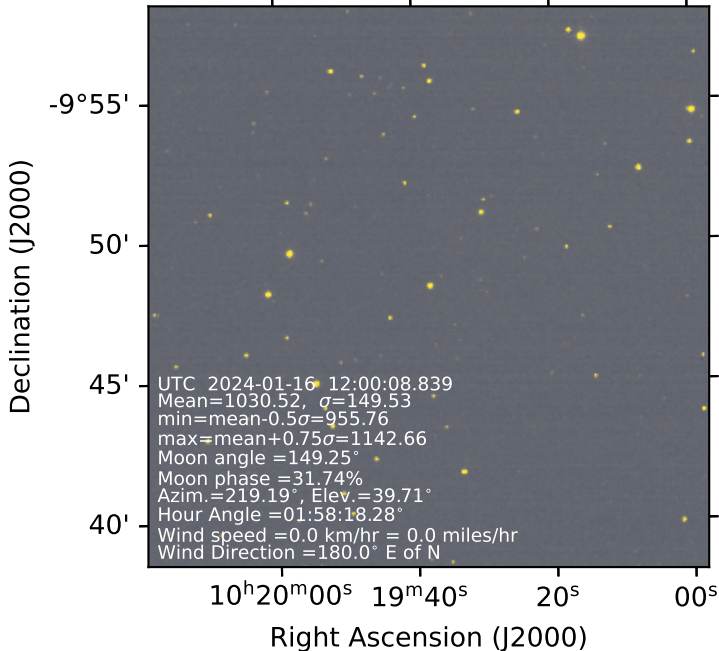
mjc016193 (R filter)



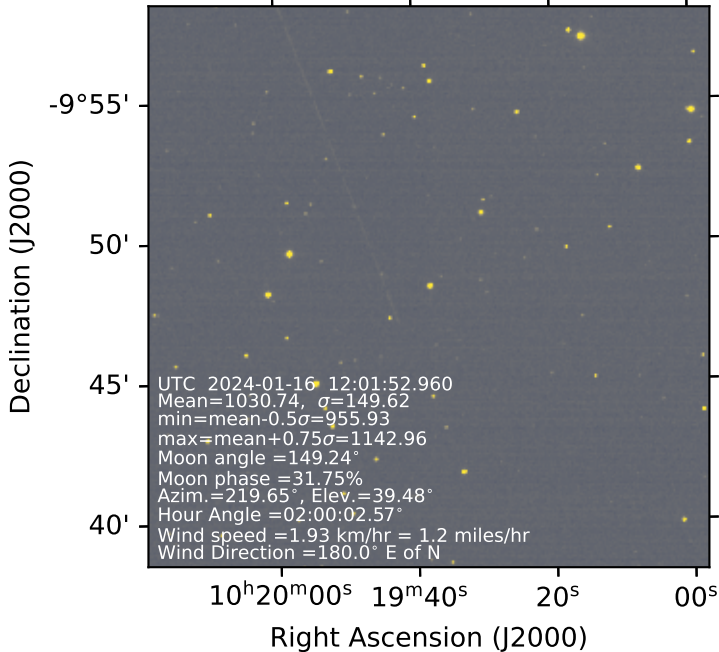
mjc016a4 (R filter)



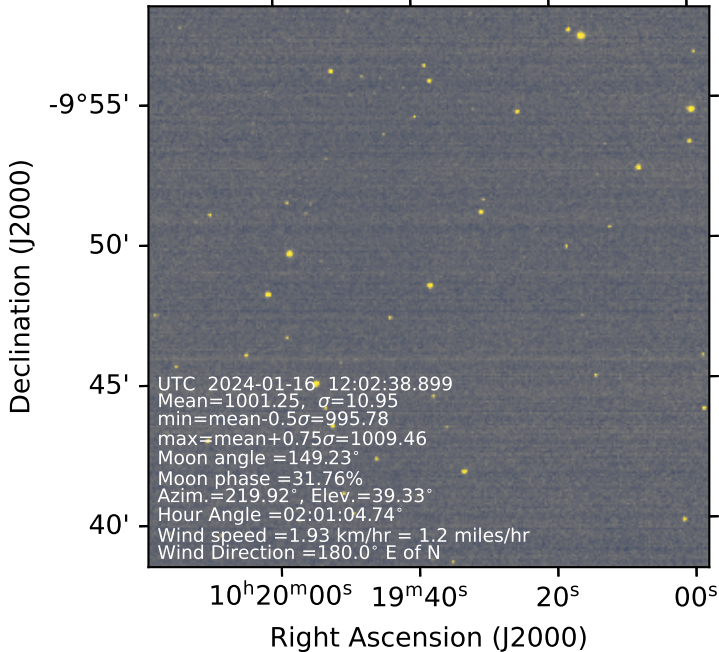
mjc01620b (R filter)



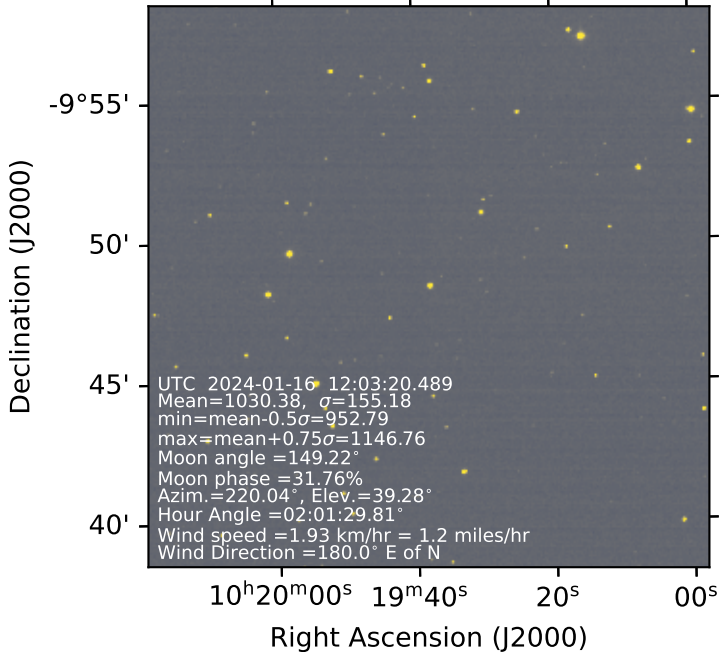
mjc016194 (R filter)



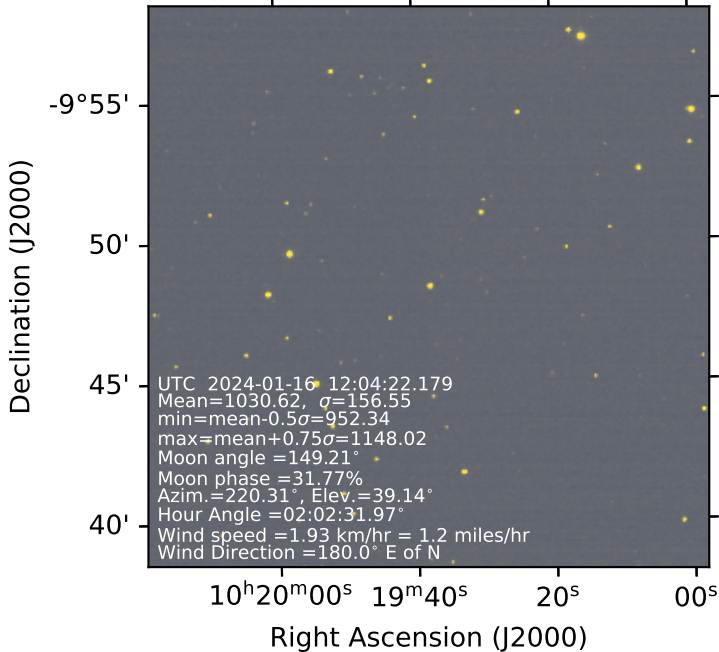
mjc016a5 (R filter)



mjc01620a (R filter)



mjc016195 (R filter)



mjc016a6 (R filter)

Declination (J2000)

-9°55'

50'

45'

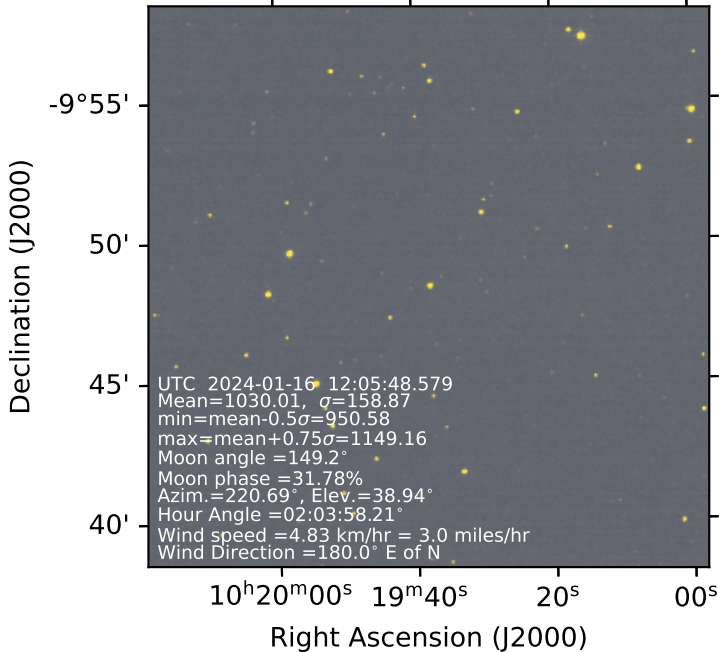
40'

UTC 2024-01-16 12:05:08.199
Mean=1001.27, σ =10.91
min=mean-0.5 σ =995.82
max=mean+0.75 σ =1009.46
Moon angle =149.2°
Moon phase =31.78%
Azim.=220.58°, Elev.=38.99°
Hour Angle =02:03:34.14°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

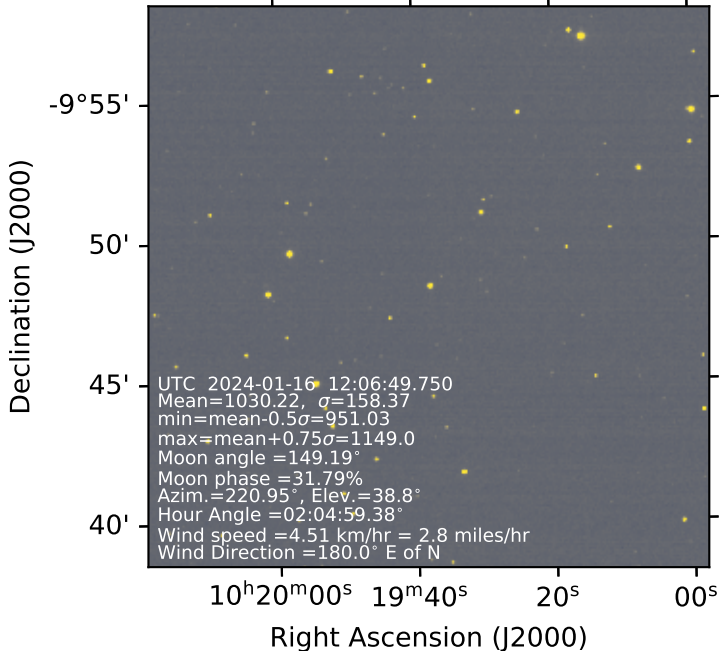
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016209 (R filter)



mjc016196 (R filter)



mjc016a7 (R filter)

Declination (J2000)

-9°55'

50'

45'

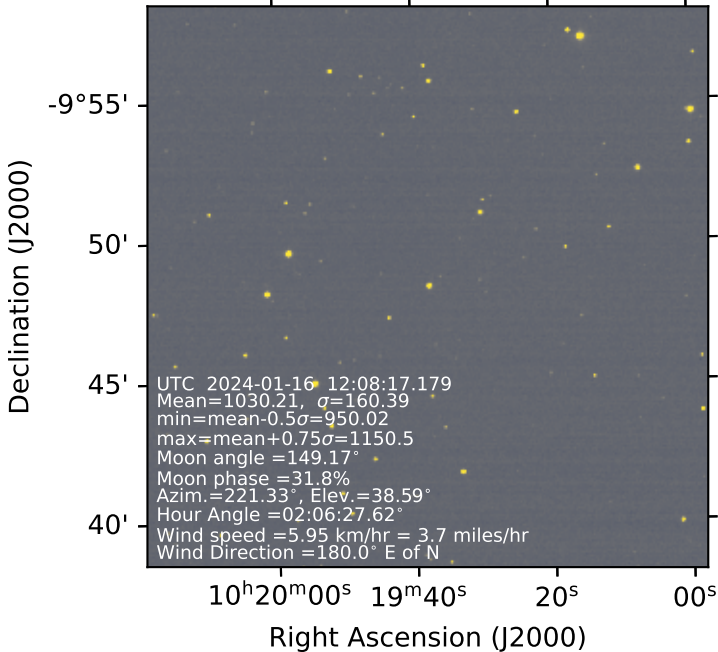
40'

UTC 2024-01-16 12:07:35.869
Mean=1001.22, $\sigma=11.35$
min=mean-0.5 σ =995.54
max=mean+0.75 σ =1009.73
Moon angle =149.18°
Moon phase =31.8%
Azim.=221.22°, Elev.=38.65°
Hour Angle =02:06:02.55°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =180.0° E of N

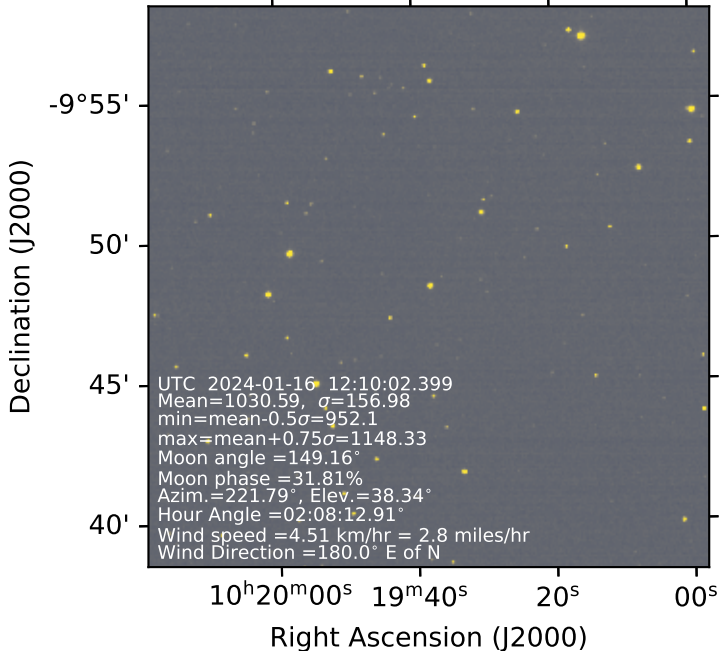
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016208 (R filter)



mjc016197 (R filter)



mjc016a8 (R filter)

Declination (J2000)

-9°55'

50'

45'

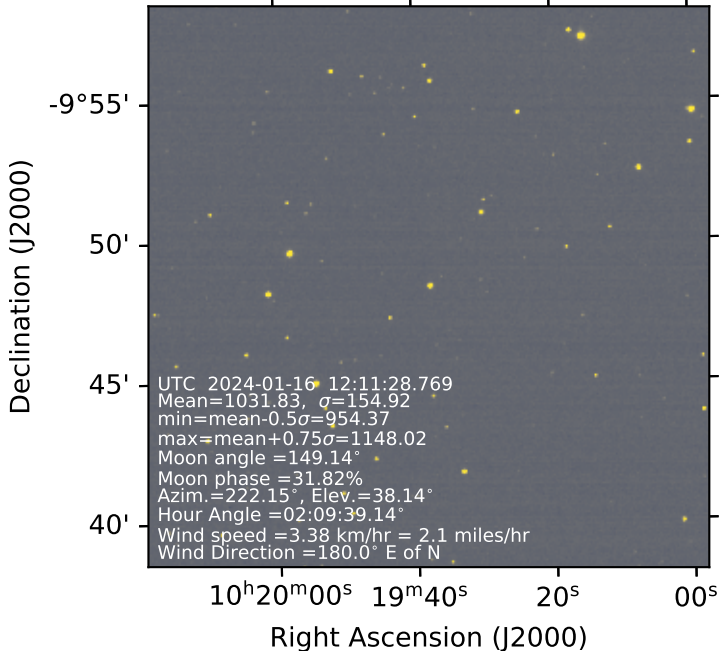
40'

UTC 2024-01-16 12:10:48.270
Mean=1001.30, $\sigma=11.45$
min=mean- $0.5\sigma=995.57$
max=mean+ $0.75\sigma=1009.89$
Moon angle = 149.15°
Moon phase = 31.82%
Azim. = 222.05° , Elev. = 38.19°
Hour Angle = $02:09:15.08$
Wind speed = 4.51 km/hr = 2.8 miles/hr
Wind Direction = 180.0° E of N

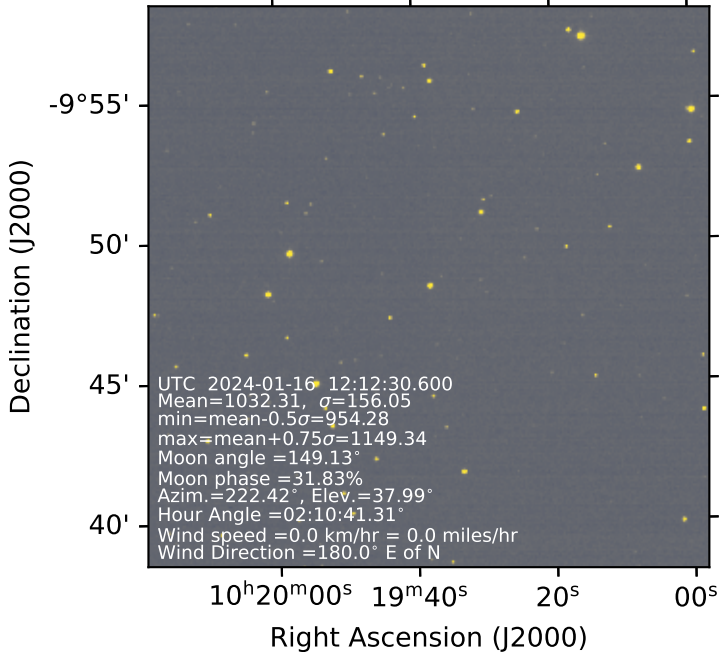
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016207 (R filter)



mjc016198 (R filter)



mjc016a9 (R filter)

Declination (J2000)

-9°55'

50'

45'

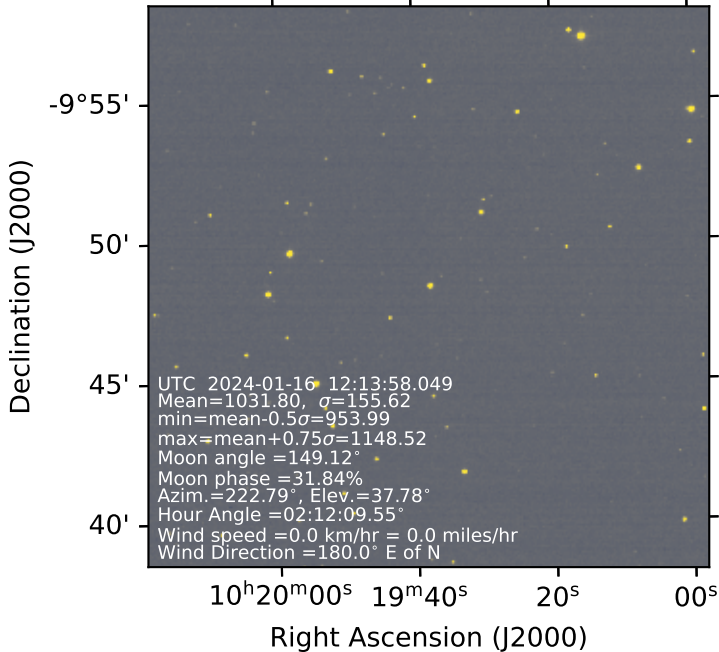
40'

UTC 2024-01-16 12:13:17.149
Mean=1001.37, σ =11.18
min=mean-0.5 σ =995.78
max=mean+0.75 σ =1009.76
Moon angle =149.12°
Moon phase =31.84%
Azim.=222.68°, Elev.=37.84°
Hour Angle =02:11:44.48°
Wind speed =0.0 km/hr = 0.0 miles/hr
Wind Direction =180.0° E of N

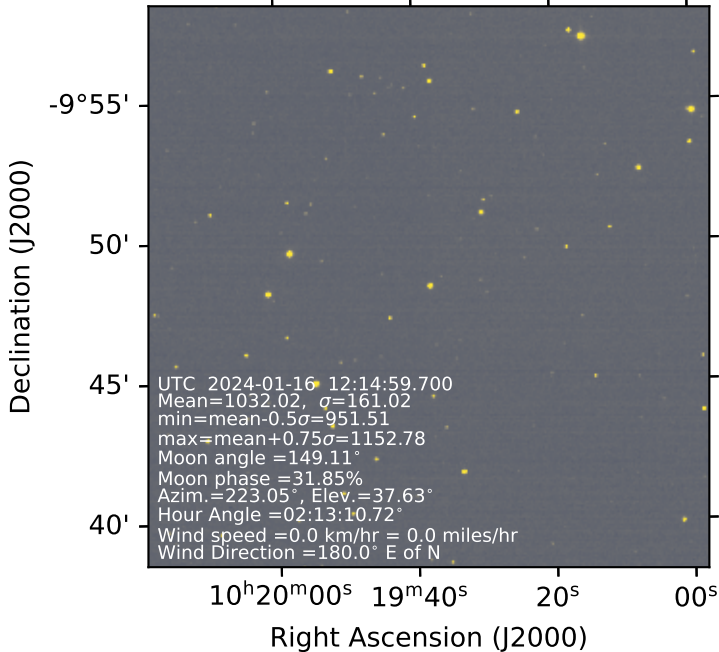
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

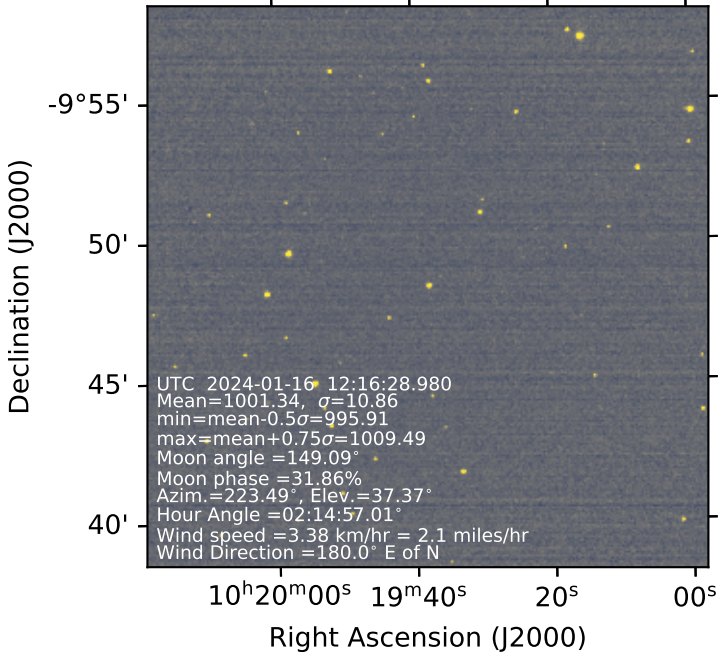
mjc016206 (R filter)



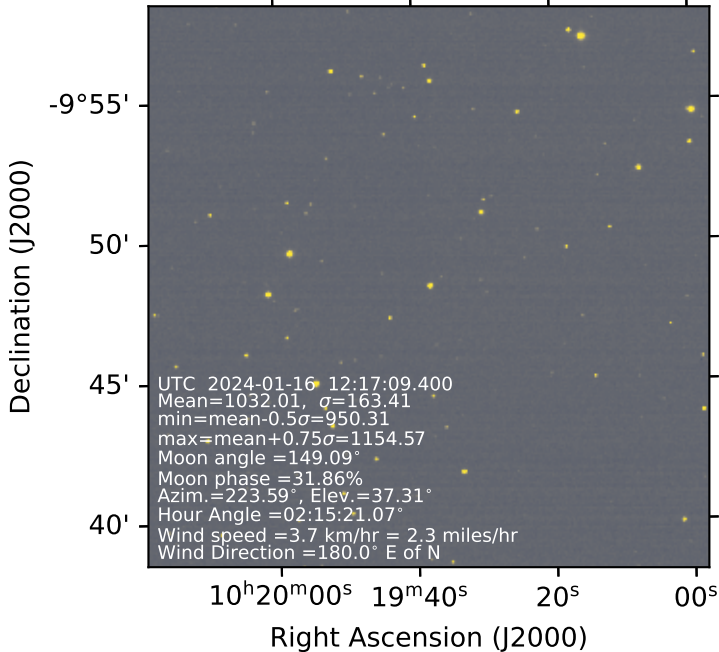
mjc016199 (R filter)



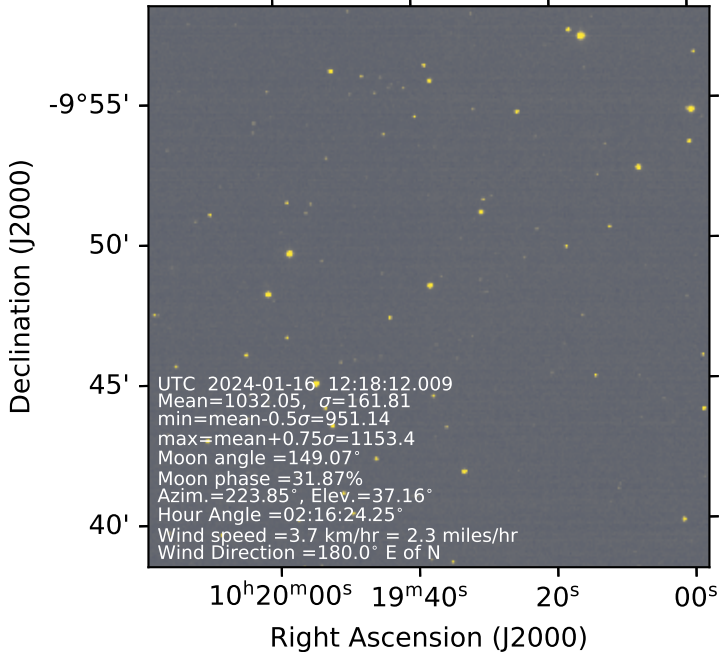
mjc016aa (R filter)



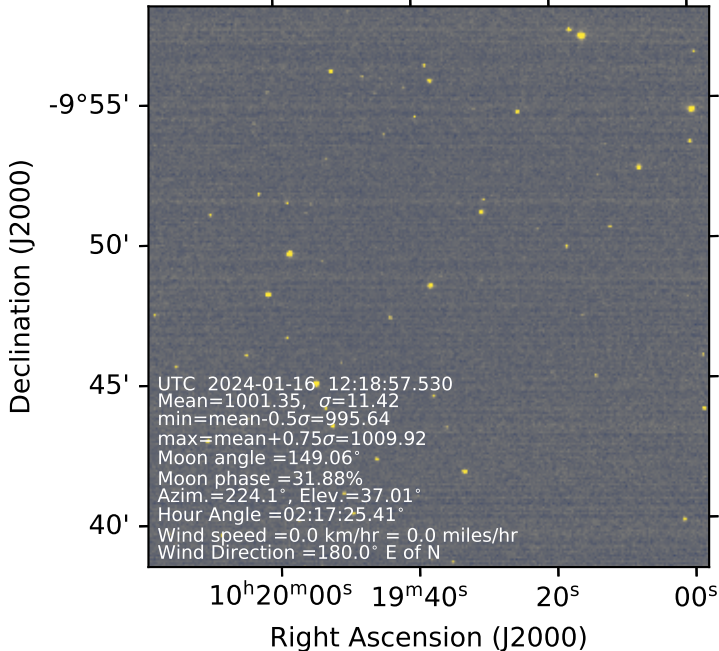
mjc016205 (R filter)



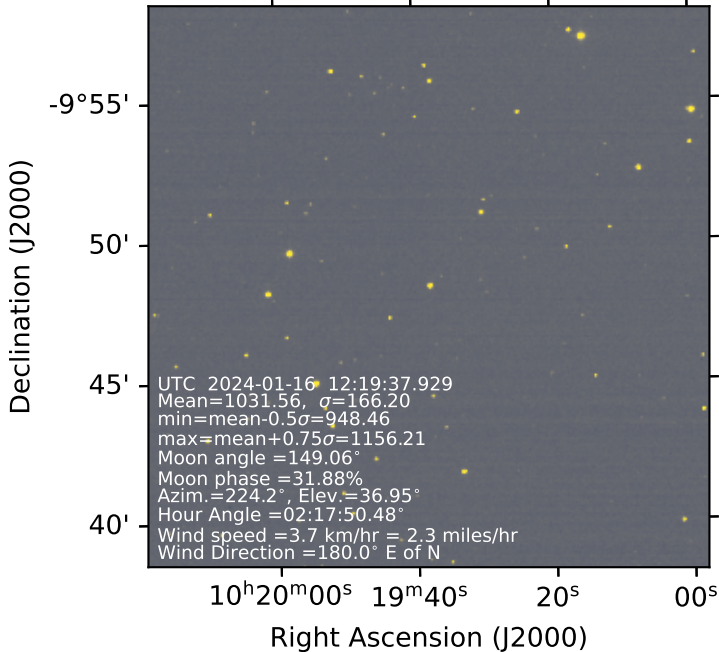
mjc01619a (R filter)



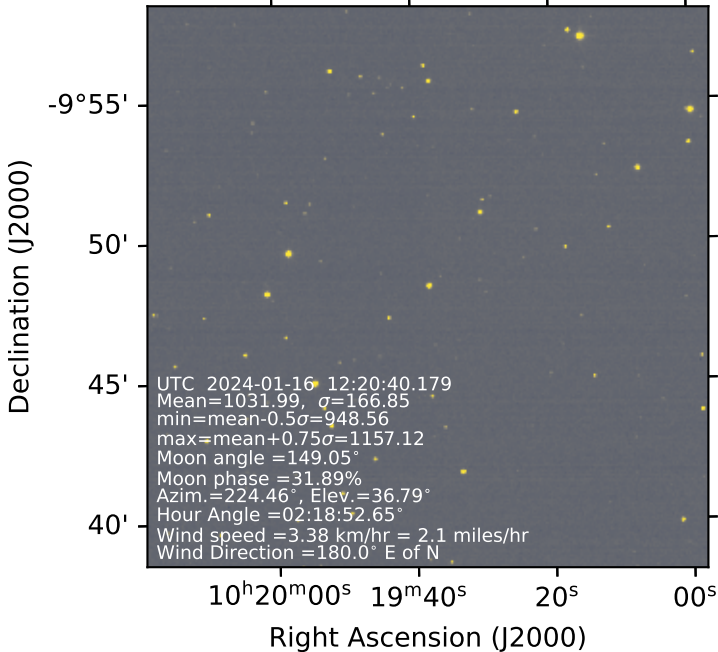
mjc016ab (R filter)



mjc016204 (R filter)



mjc01619b (R filter)



mjc016ac (R filter)

Declination (J2000)

-9°55'

50'

45'

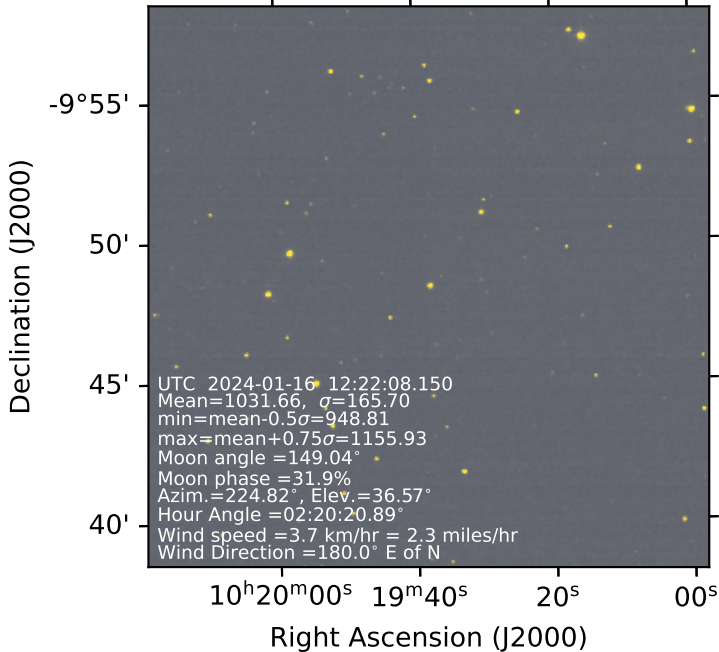
40'

UTC 2024-01-16 12:21:27.539
Mean=1001.31, σ =11.12
min=mean-0.5 σ =995.75
max=mean+0.75 σ =1009.64
Moon angle =149.04°
Moon phase =31.9%
Azim.=224.71°, Elev.=36.63°
Hour Angle =02:19:55.82°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016203 (R filter)



mjc01619c (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 12:26:20.500
Mean=1032.07, σ =165.36
min=mean-0.5 σ =949.39
max=mean+0.75 σ =1156.09
Moon angle =148.99°
Moon phase =31.93%
Azim.=225.83°, Elev.=35.94°
Hour Angle =02:24:33.58°
Wind speed =3.38 km/hr = 2.1 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016ad (R filter)

Declination (J2000)

-9°55'

50'

45'

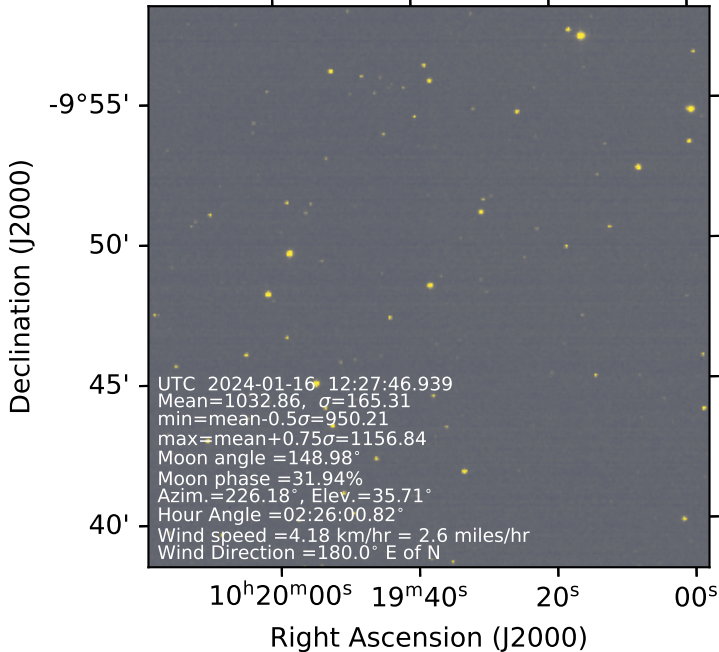
40'

UTC 2024-01-16 12:27:06.139
Mean=1001.40, $\sigma=10.75$
min=mean-0.5 σ =996.02
max=mean+0.75 σ =1009.46
Moon angle =148.98°
Moon phase =31.94%
Azim.=226.08°, Elev.=35.78°
Hour Angle =02:25:35.75°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

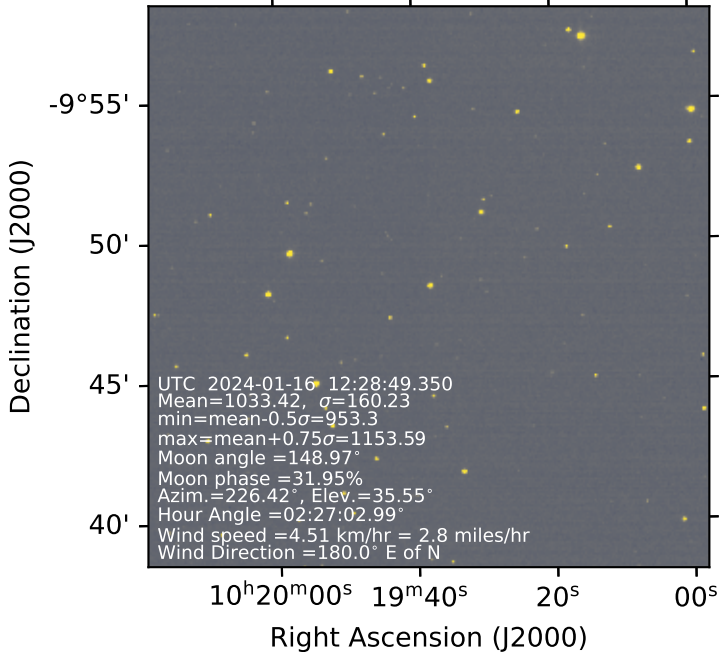
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

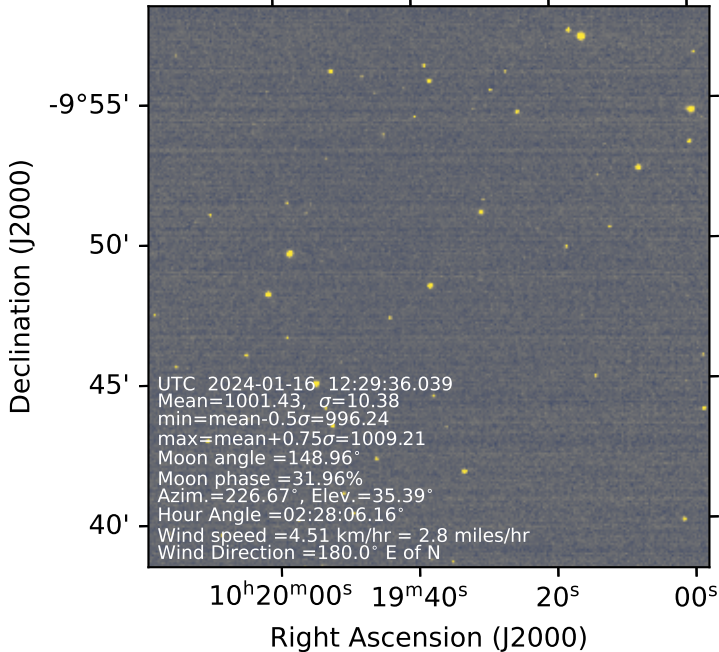
mjc016202 (R filter)



mjc01619d (R filter)



mjc016ae (R filter)



mjc016af (R filter)

Declination (J2000)

-9°55'

50'

45'

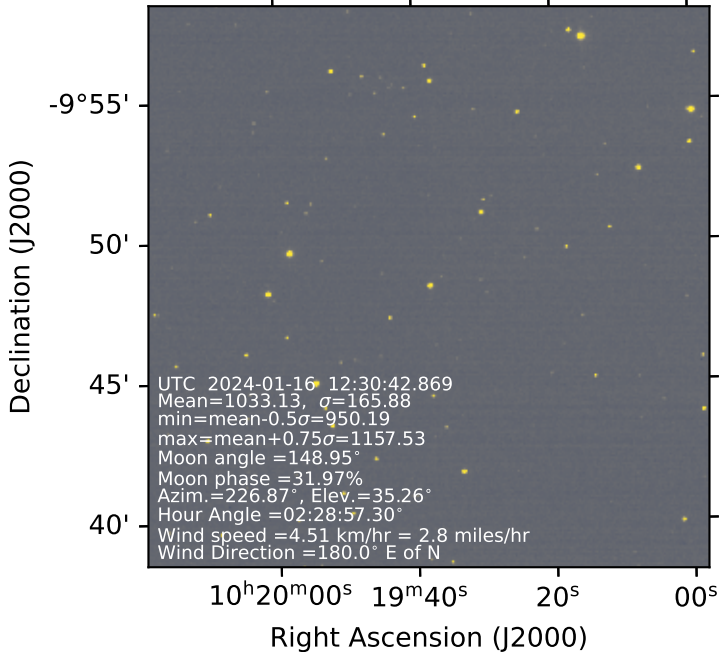
40'

UTC 2024-01-16 12:30:01.979
Mean=1001.39, σ =11.58
min=mean-0.5 σ =995.59
max=mean+0.75 σ =1010.07
Moon angle =148.96°
Moon phase =31.96%
Azim.=226.77°, Elev.=35.32°
Hour Angle =02:28:32.23°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

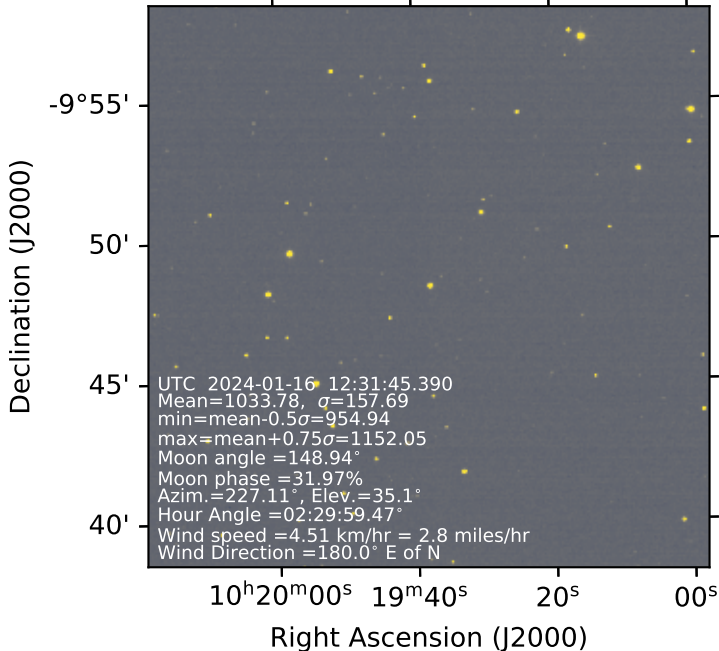
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc01619e (R filter)



mjc01619f (R filter)



mjc016b0 (R filter)

Declination (J2000)

-9°55'

50'

45'

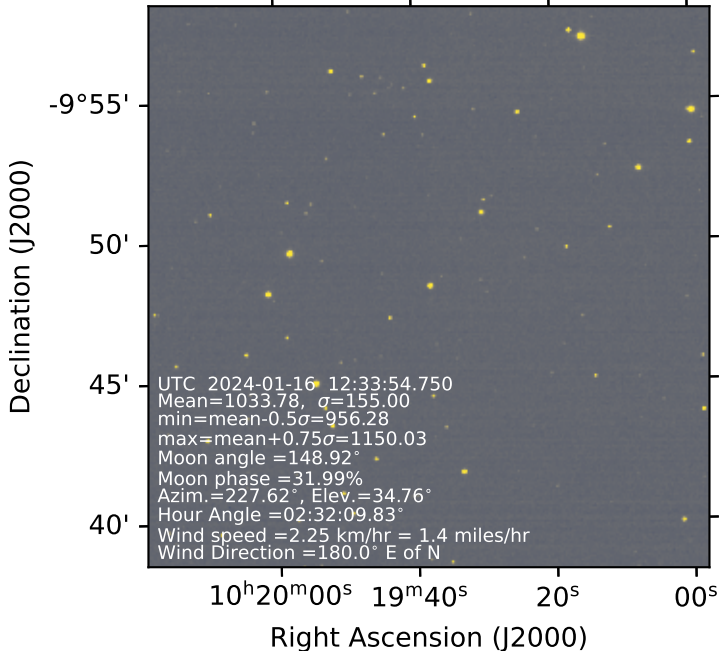
40'

UTC 2024-01-16 12:33:13.460
Mean=1001.42, $\sigma=11.10$
min=mean- $0.5\sigma=995.87$
max=mean+ $0.75\sigma=1009.75$
Moon angle = 148.92°
Moon phase = 31.99%
Azim. = 227.51°, Elev. = 34.83°
Hour Angle = 02:31:43.76°
Wind speed = 3.38 km/hr = 2.1 miles/hr
Wind Direction = 180.0° E of N

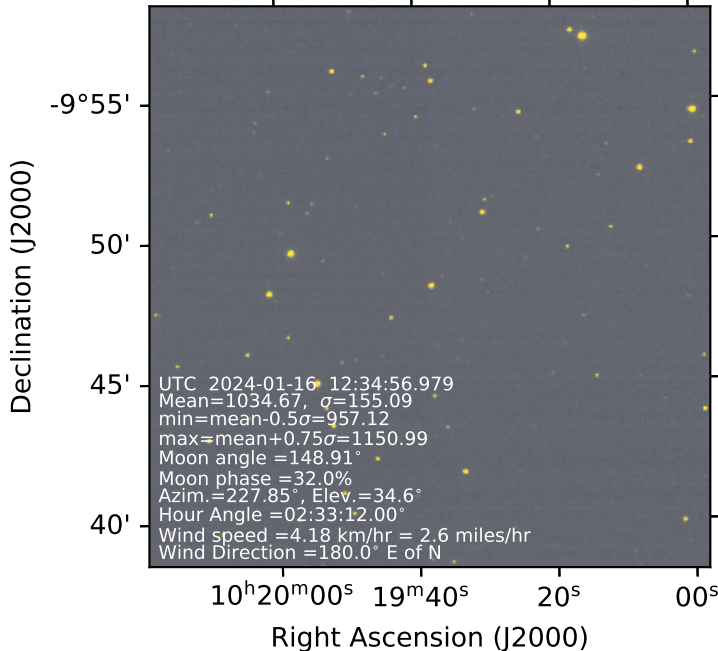
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016201 (R filter)



mjc0161a0 (R filter)



mjc016b1 (R filter)

Declination (J2000)

-9°55'

50'

45'

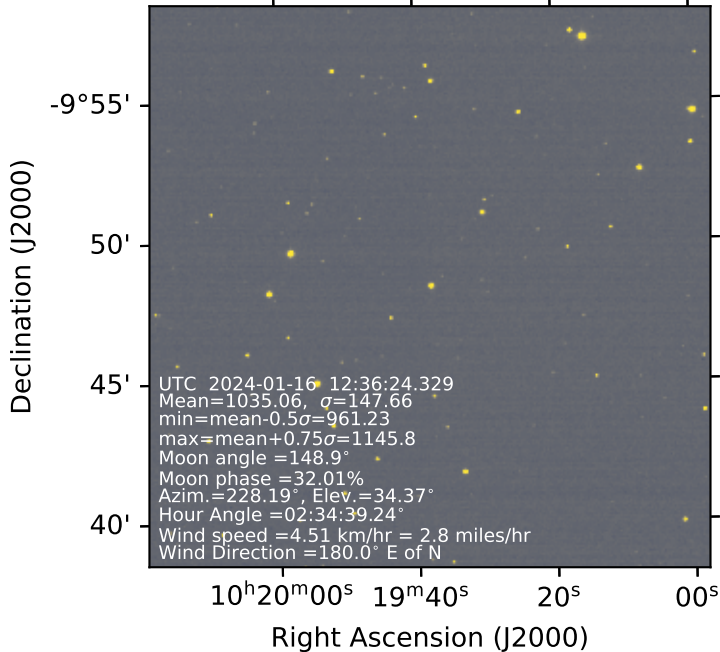
40'

UTC 2024-01-16 12:35:42.820
Mean=1001.52, σ =10.35
min=mean-0.5 σ =996.34
max=mean+0.75 σ =1009.28
Moon angle =148.9°
Moon phase =32.01%
Azim.=228.09°, Elev.=34.43°
Hour Angle =02:34:13.17°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

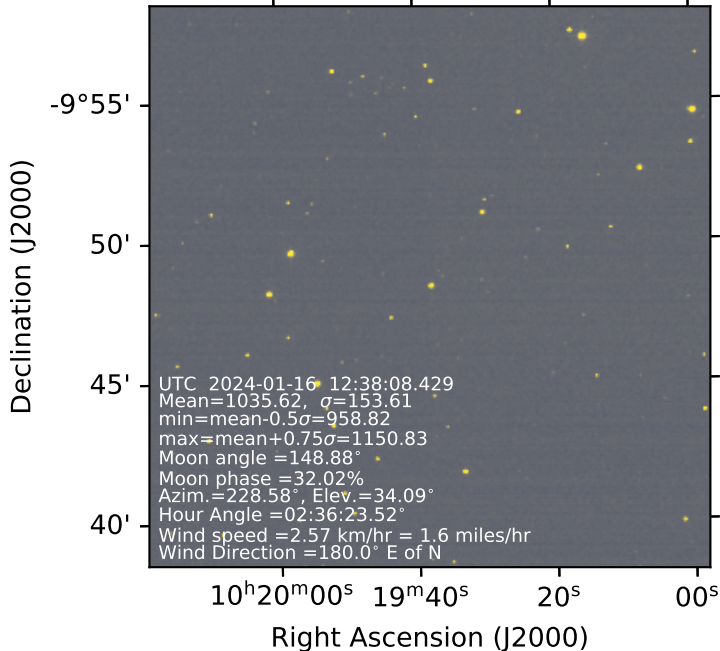
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc016200 (R filter)



mjc0161a1 (R filter)



mjc016b2 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 12:39:25.899
Mean=1001.59, σ =10.29
min=mean-0.5 σ =996.44
max=mean+0.75 σ =1009.31
Moon angle =148.86°
Moon phase =32.03%
Azim.=228.94°, Elev.=33.84°
Hour Angle =02:37:57.78°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161ff (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 12:40:06.080
Mean=1036.06, σ =151.54
min=mean-0.5 σ =960.28
max=mean+0.75 σ =1149.71
Moon angle =148.86°
Moon phase =32.04%
Azim.=229.03°, Elev.=33.77°
Hour Angle =02:38:21.84°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

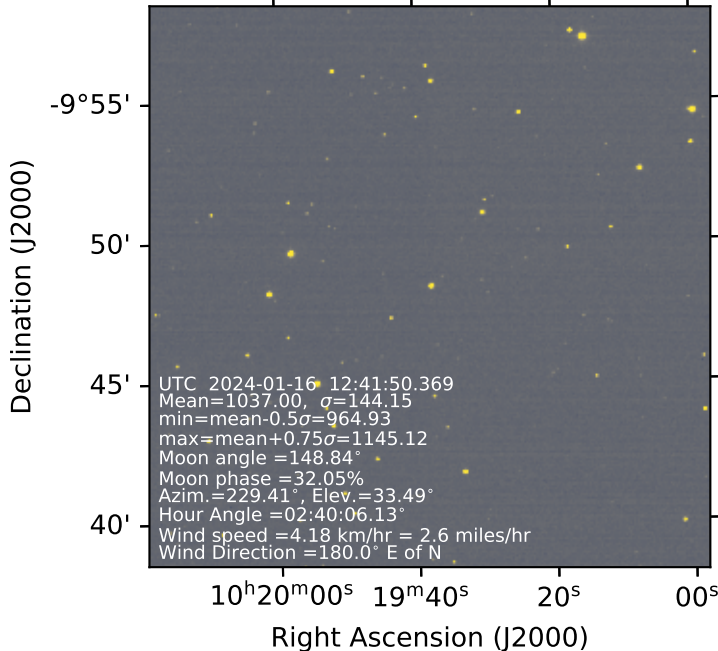
19^m40^s

20^s

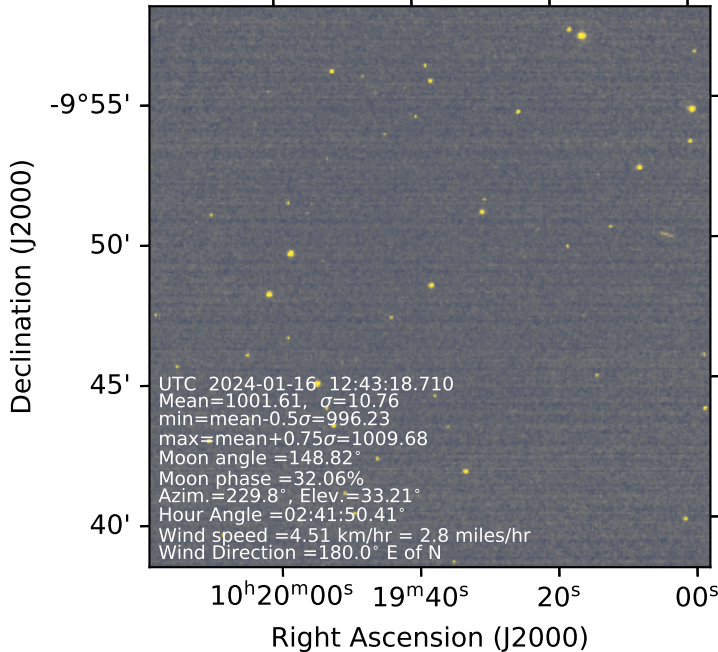
00^s

Right Ascension (J2000)

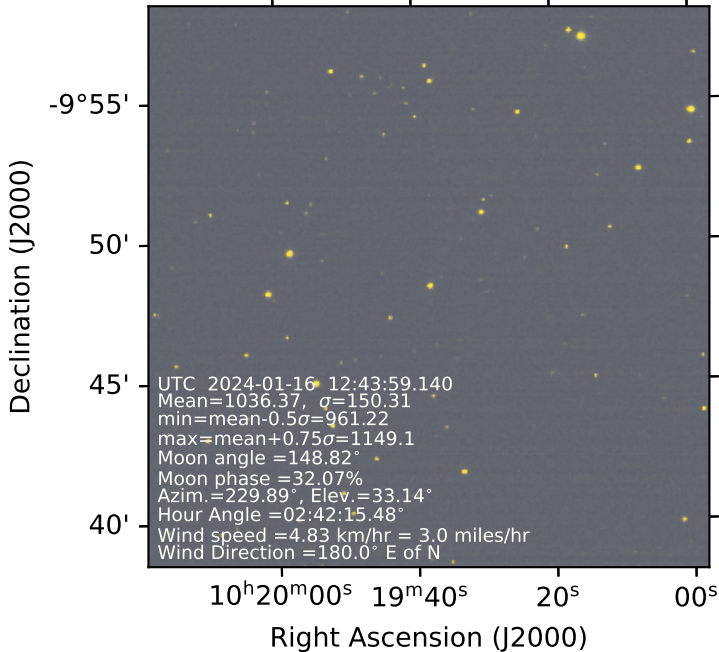
mjc0161a2 (R filter)



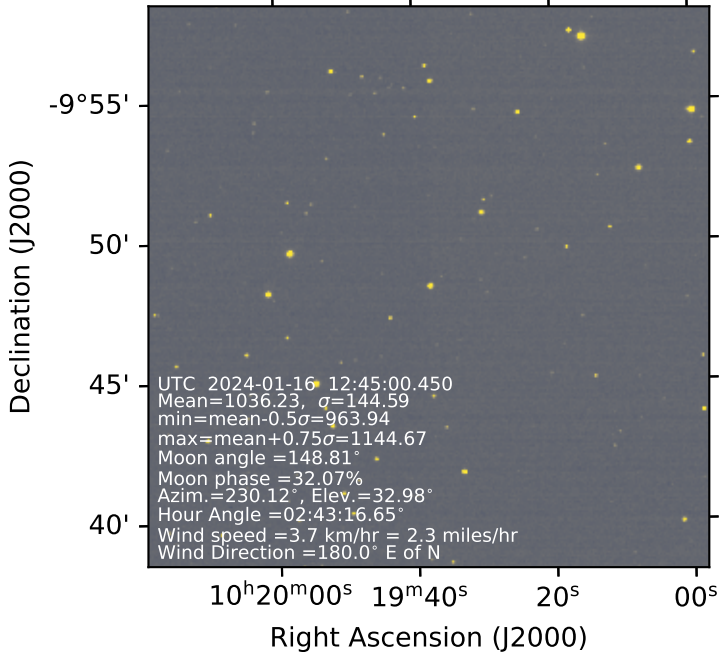
mjc016b3 (R filter)



mjc0161fe (R filter)



mjc0161a3 (R filter)



mjc016b4 (R filter)

Declination (J2000)

-9°55'

50'

45'

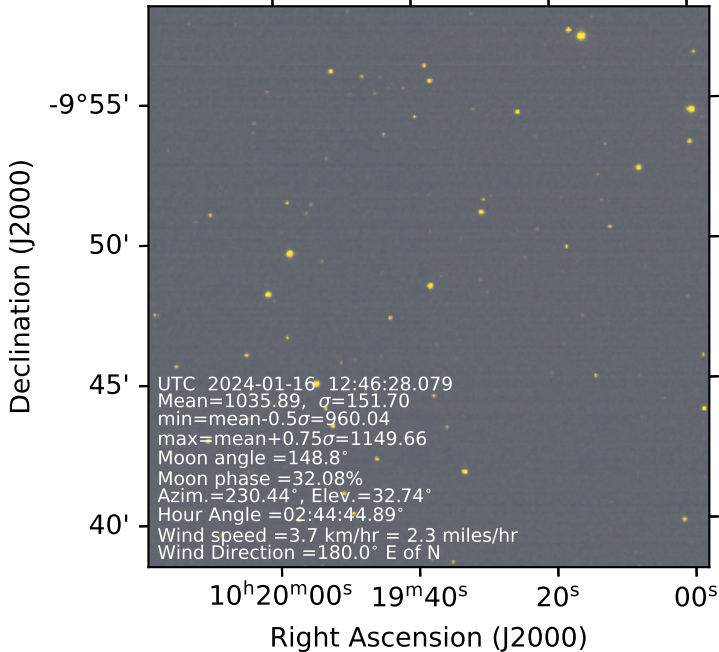
40'

UTC 2024-01-16 12:45:47.189
Mean=1001.58, $\sigma=10.61$
min=mean- $0.5\sigma=996.27$
max=mean+ $0.75\sigma=1009.53$
Moon angle = 148.8°
Moon phase = 32.08%
Azim. = 230.35° , Elev. = 32.81°
Hour Angle = $02:44:19.82^\circ$
Wind speed = 3.7 km/hr = 2.3 miles/hr
Wind Direction = 180.0° E of N

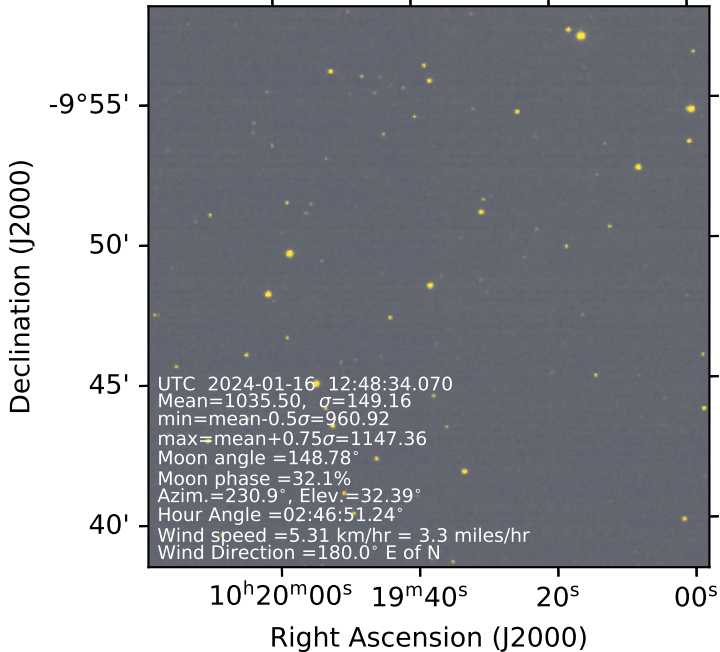
$10^h 20^m 00^s$ $19^m 40^s$ 20^s 00^s

Right Ascension (J2000)

mjc0161fd (R filter)



mjc0161a4 (R filter)



mjc016b5 (R filter)

Declination (J2000)

-9°55'

50'

45'

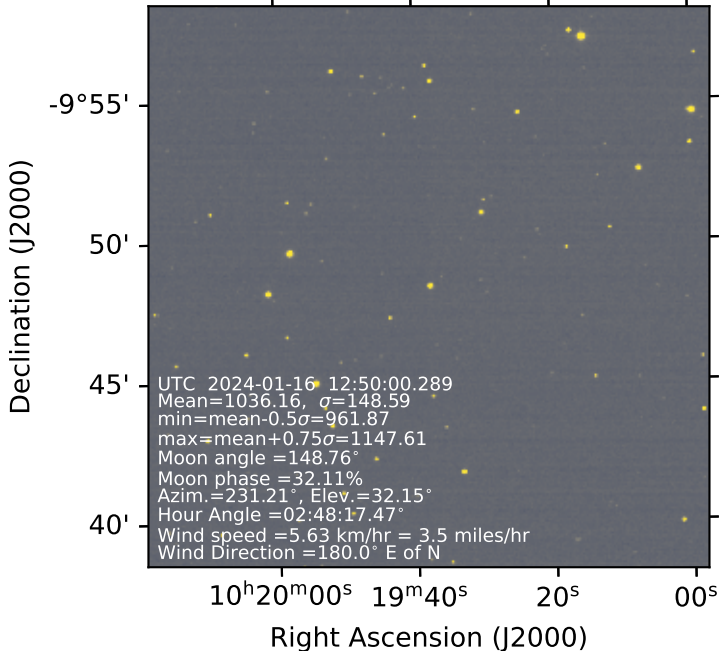
40'

UTC 2024-01-16 12:49:20.019
Mean=1001.57, σ =10.92
min=mean-0.5 σ =996.11
max=mean+0.75 σ =1009.76
Moon angle =148.77°
Moon phase =32.11%
Azim.=231.12°, Elev.=32.22°
Hour Angle =02:47:53.40°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

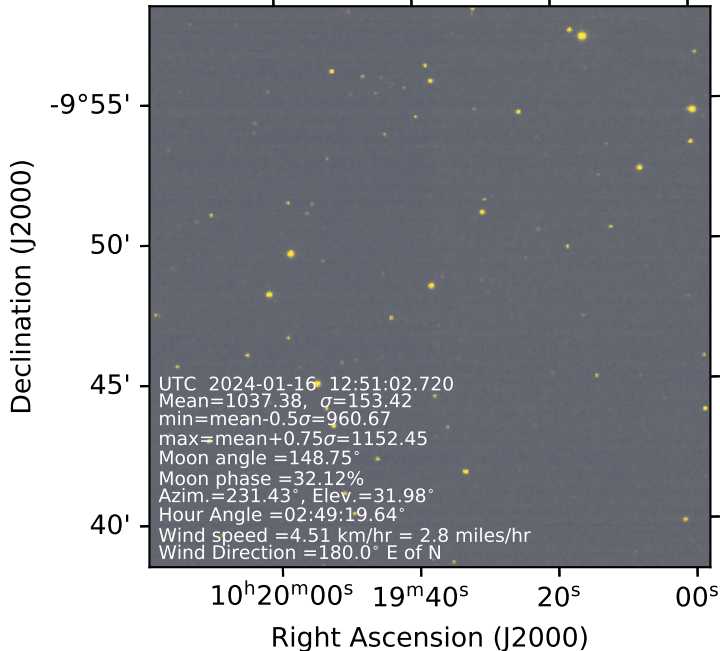
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161fc (R filter)



mjc0161a5 (R filter)



mjc016b6 (R filter)

Declination (J2000)

-9°55'

50'

45'

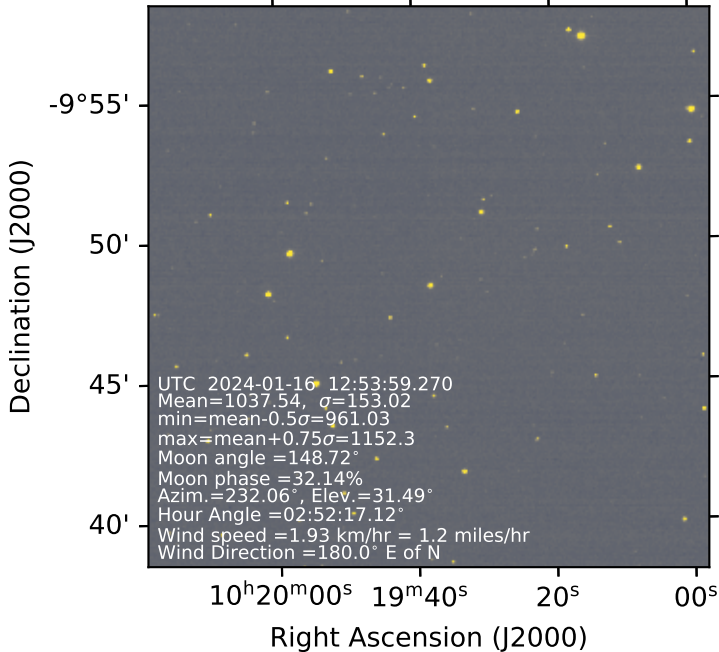
40'

UTC 2024-01-16 12:52:18.649
Mean=1001.68, σ =10.98
min=mean-0.5 σ =996.19
max=mean+0.75 σ =1009.92
Moon angle =148.74°
Moon phase =32.13%
Azim.=231.76°, Elev.=31.73°
Hour Angle =02:50:51.89°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

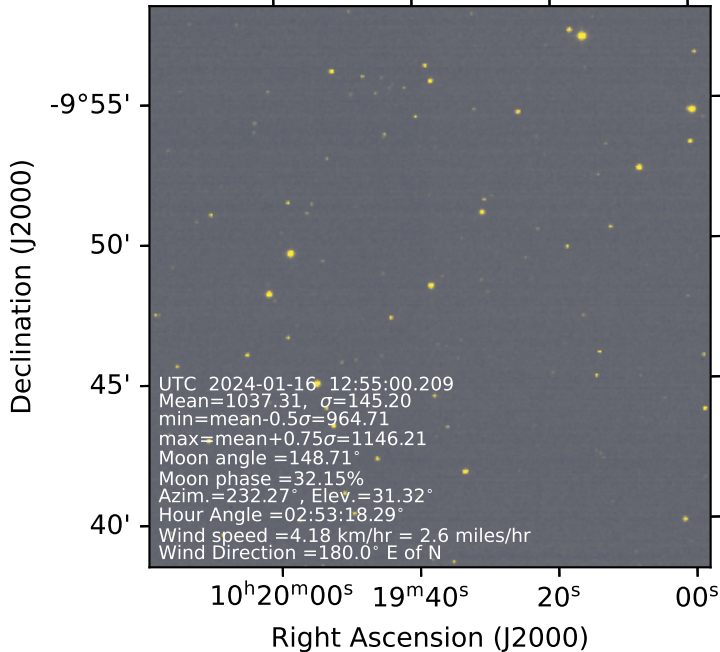
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161fb (R filter)



mjc0161a6 (R filter)



mjc016b7 (R filter)

Declination (J2000)

-9°55'

50'

45'

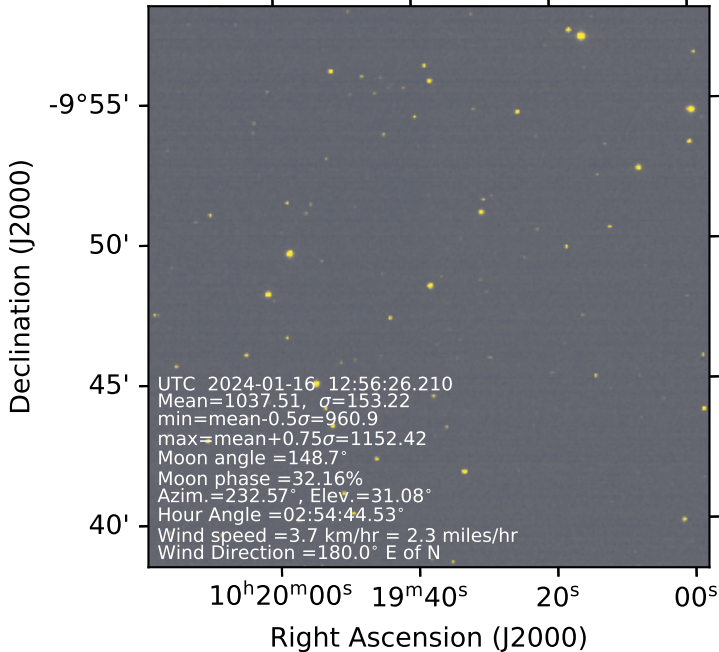
40'

UTC 2024-01-16 12:55:45.829
Mean=1001.66, $\sigma=10.32$
min=mean-0.5 σ =996.5
max=mean+0.75 σ =1009.39
Moon angle =148.7°
Moon phase =32.16%
Azim.=232.49°, Elev.=31.15°
Hour Angle =02:54:19.46°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161fa (R filter)



mjc0161a7 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 12:57:28.079
Mean=1038.62, σ =150.69
min=mean-0.5 σ =963.28
max=mean+0.75 σ =1151.64
Moon angle =148.69°
Moon phase =32.17%
Azim.=232.79°, Elev.=30.9°
Hour Angle =02:55:46.70°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016b8 (R filter)

Declination (J2000)

-9°55'

50'

45'

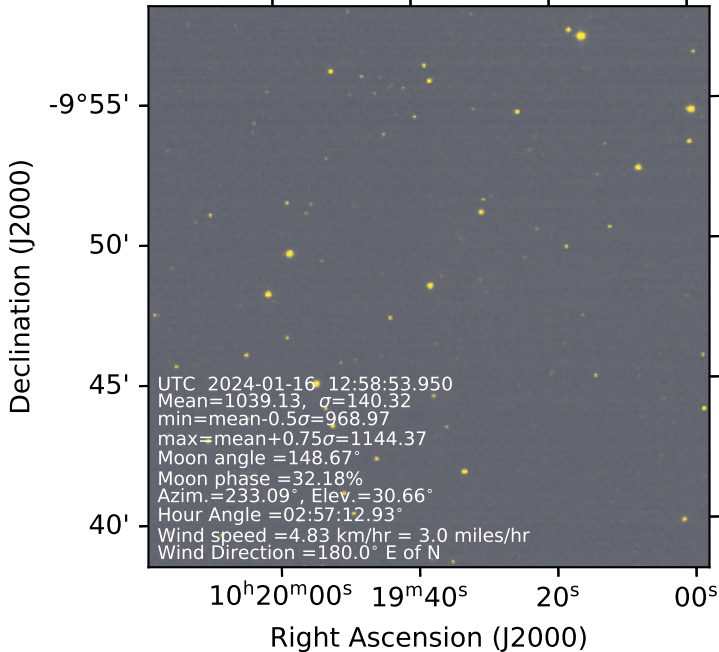
40'

UTC 2024-01-16 12:58:13.400
Mean=1001.81, $\sigma=10.26$
min=mean-0.5 σ =996.68
max=mean+0.75 σ =1009.51
Moon angle =148.68°
Moon phase =32.17%
Azim.=233.0°, Elev.=30.73°
Hour Angle =02:56:47.86°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

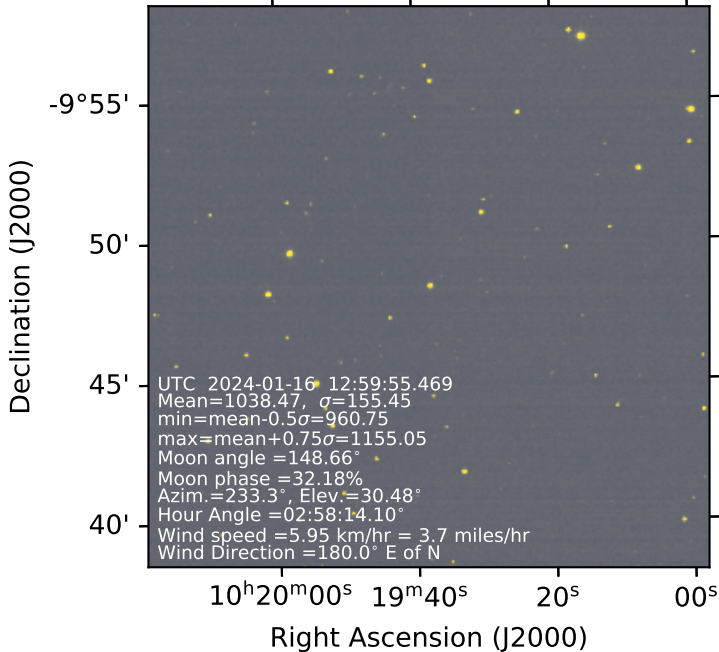
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161f9 (R filter)



mjc0161a8 (R filter)



mjc016b9 (R filter)

Declination (J2000)

-9°55'

50'

45'

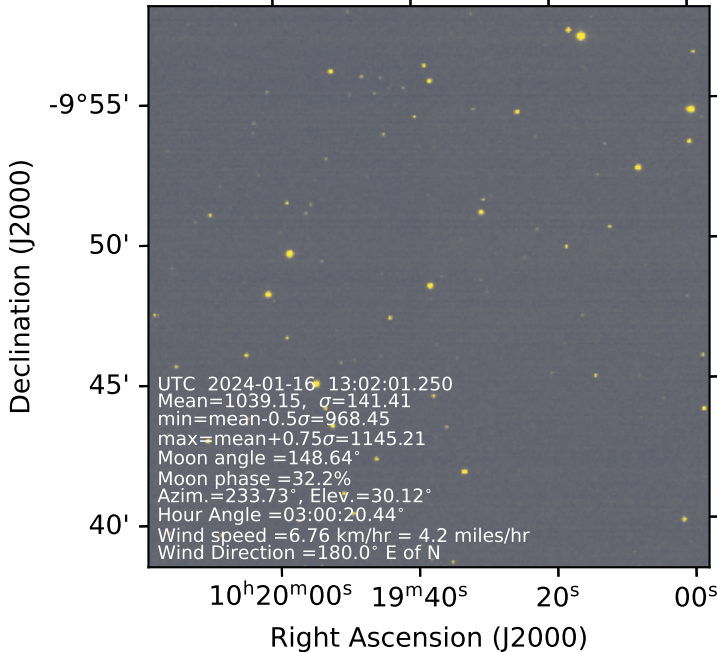
40'

UTC 2024-01-16 13:00:40.850
Mean=1001.75, σ =10.32
min=mean-0.5 σ =996.59
max=mean+0.75 σ =1009.48
Moon angle =148.65°
Moon phase =32.19%
Azim.=233.51°, Elev.=30.31°
Hour Angle =02:59:15.27°
Wind speed =5.95 km/hr = 3.7 miles/hr
Wind Direction =180.0° E of N

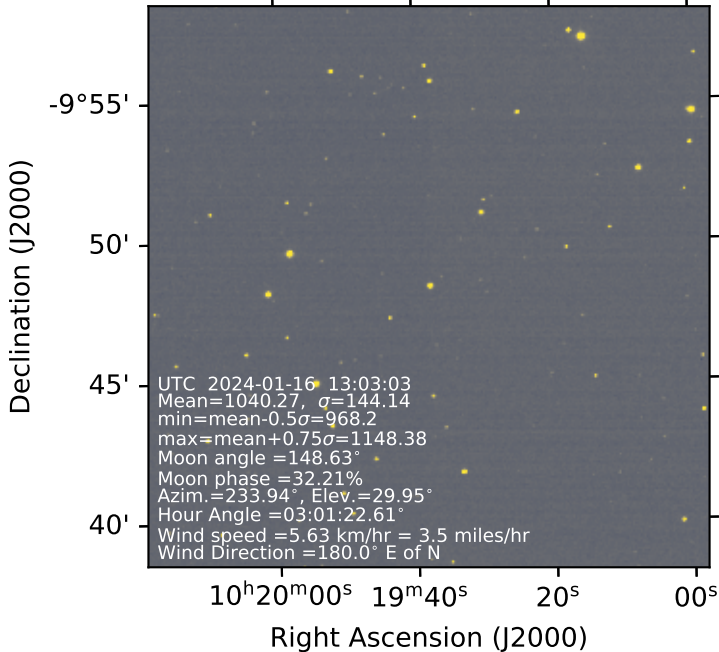
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161f8 (R filter)



mjc0161a9 (R filter)



mjc016ba (R filter)

Declination (J2000)

-9°55'

50'

45'

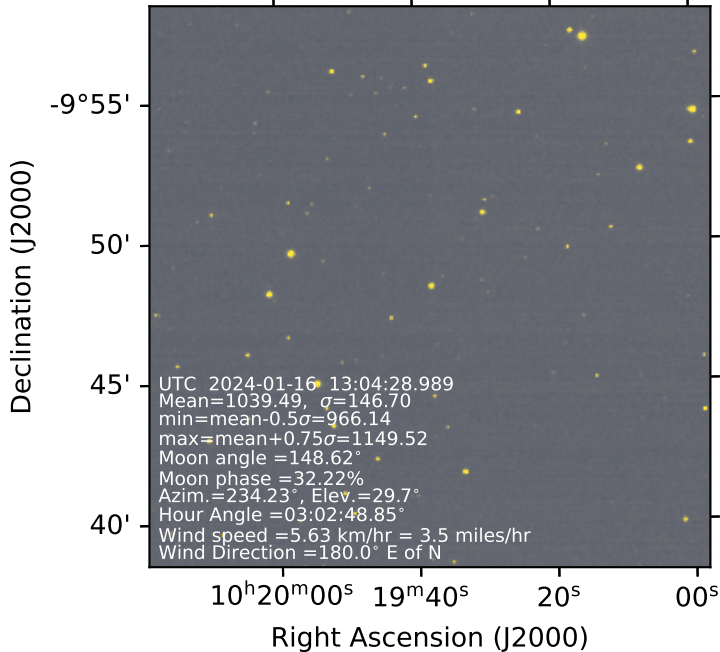
40'

UTC 2024-01-16 13:03:48.600
Mean=1001.84, $\sigma=8.11$
min=mean-0.5 σ =997.79
max=mean+0.75 σ =1007.92
Moon angle =148.62°
Moon phase =32.22%
Azim.=234.15°, Elev.=29.77°
Hour Angle =03:02:23.78°
Wind speed =5.63 km/hr = 3.5 miles/hr
Wind Direction =180.0° E of N

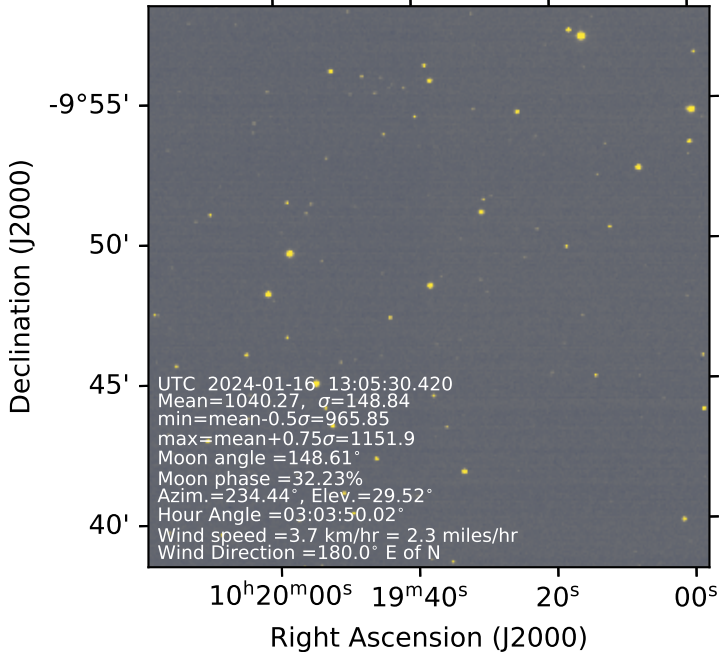
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161f7 (R filter)



mjc0161aa (R filter)



mjc016bb (R filter)

Declination (J2000)

-9°55'

50'

45'

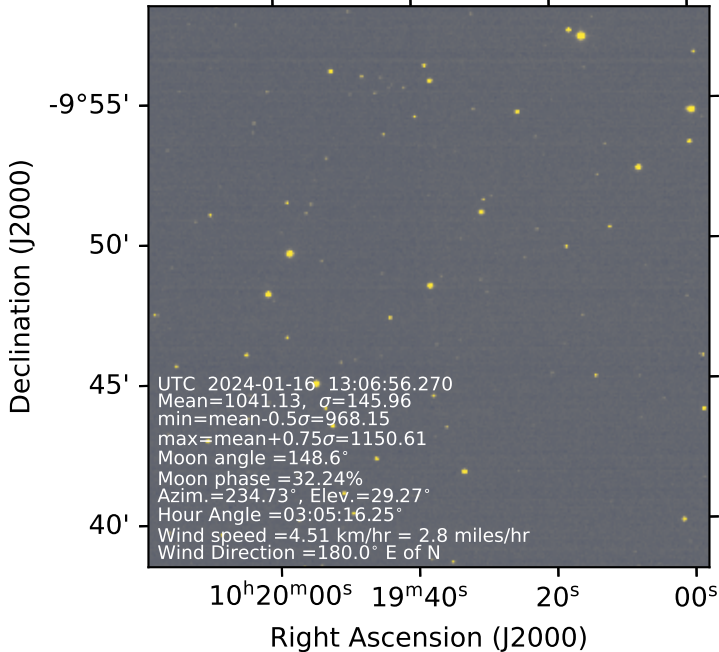
40'

UTC 2024-01-16 13:06:15.910
Mean=1001.88, $\sigma=9.88$
min=mean-0.5 σ =996.94
max=mean+0.75 σ =1009.29
Moon angle =148.6°
Moon phase =32.23%
Azim.=234.65°, Elev.=29.34°
Hour Angle =03:04:52.19°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

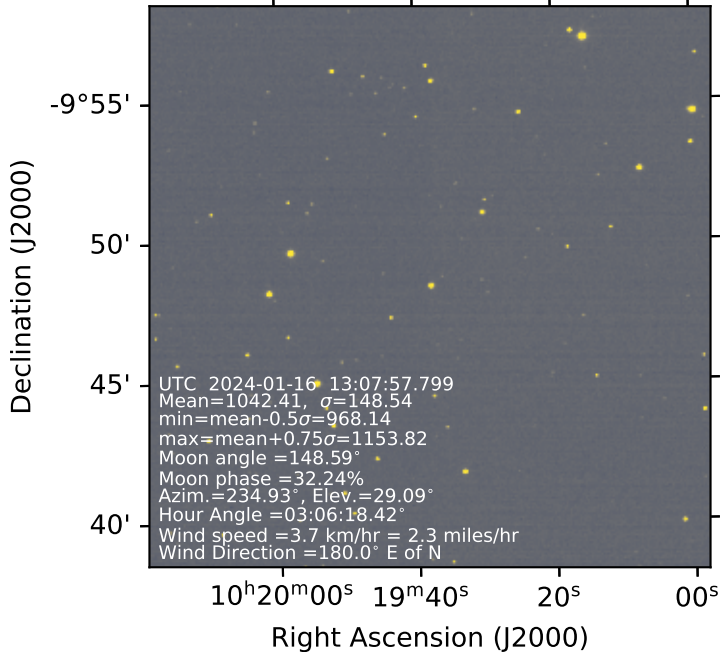
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161f6 (R filter)



mjc0161ab (R filter)



mjc016bc (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 13:08:43.450
Mean=1002.09, $\sigma=10.19$
min=mean-0.5 σ =996.99
max=mean+0.75 σ =1009.73
Moon angle =148.58°
Moon phase =32.25%
Azim.=235.14°, Elev.=28.92°
Hour Angle =03:07:19.59°
Wind speed =3.7 km/hr = 2.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

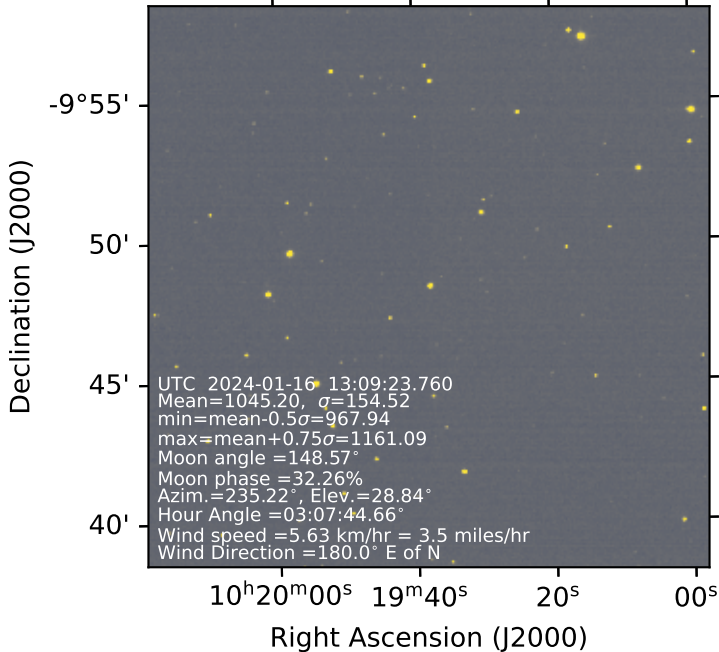
19^m40^s

20^s

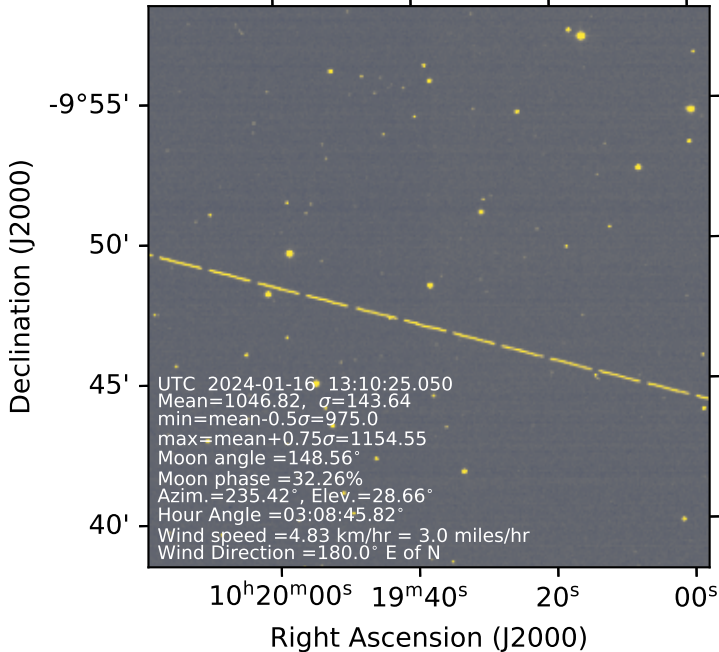
00^s

Right Ascension (J2000)

mjc0161f5 (R filter)



mjc0161ac (R filter)



mjc016bd (R filter)

Declination (J2000)

-9°55'

50'

45'

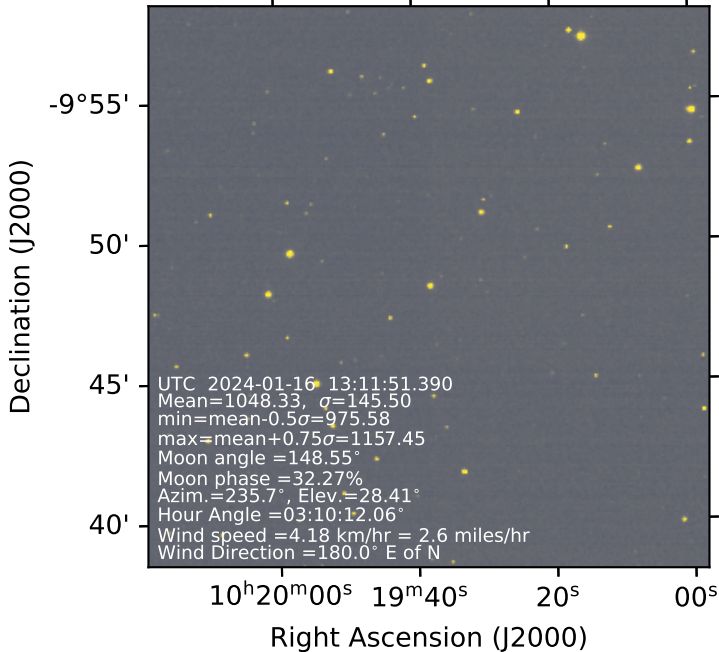
40'

UTC 2024-01-16 13:11:10.890
Mean=1002.34, σ =10.38
min=mean-0.5 σ =997.15
max=mean+0.75 σ =1010.13
Moon angle =148.55°
Moon phase =32.27%
Azim.=235.63°, Elev.=28.48°
Hour Angle =03:09:47.99°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =180.0° E of N

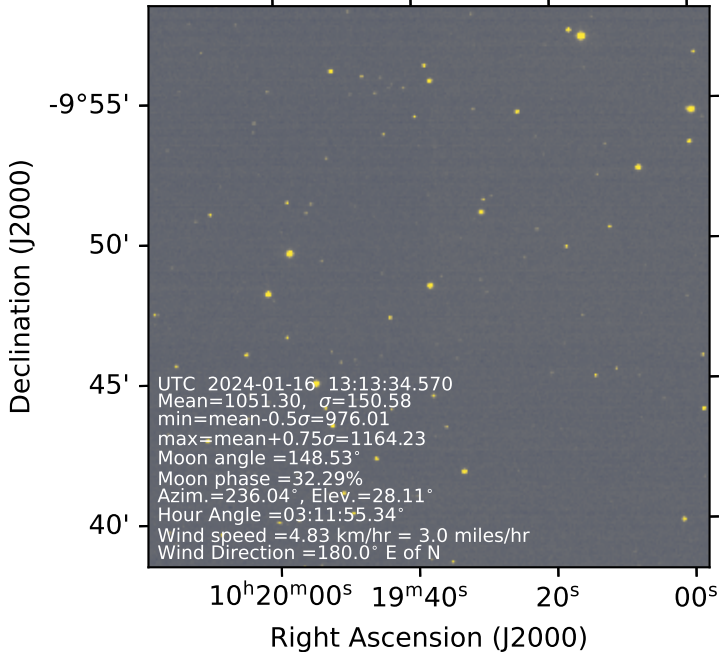
10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

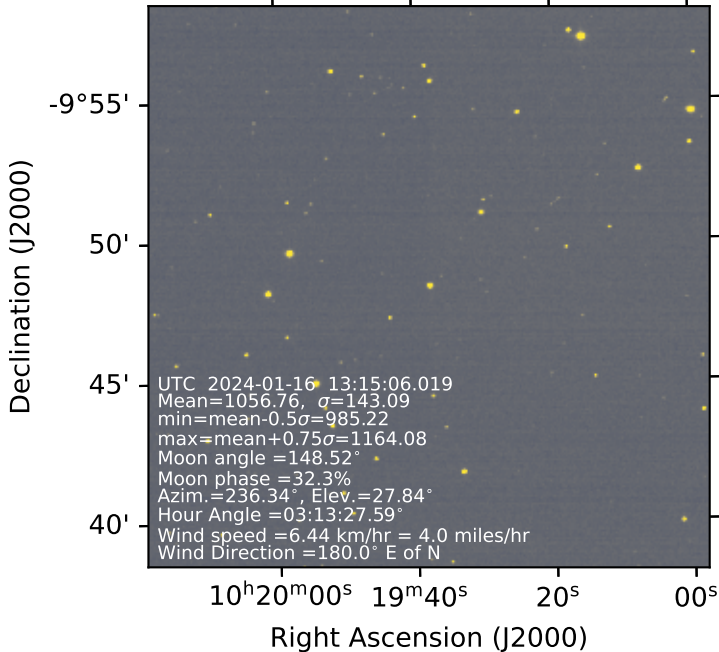
mjc0161f4 (R filter)



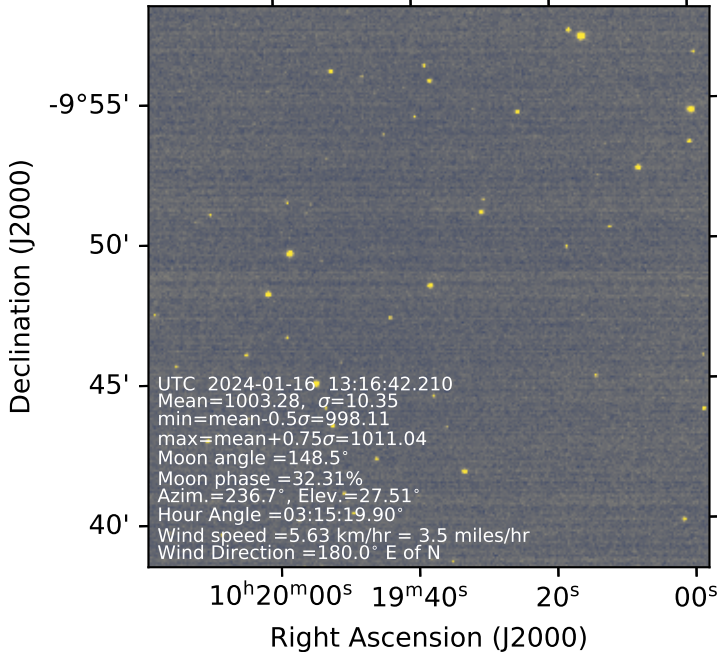
mjc0161ad (R filter)



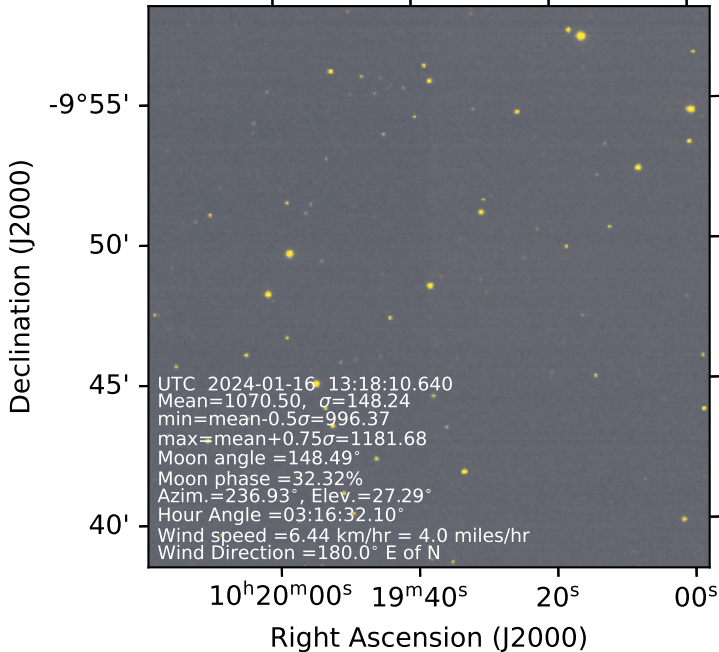
mjc0161f3 (R filter)



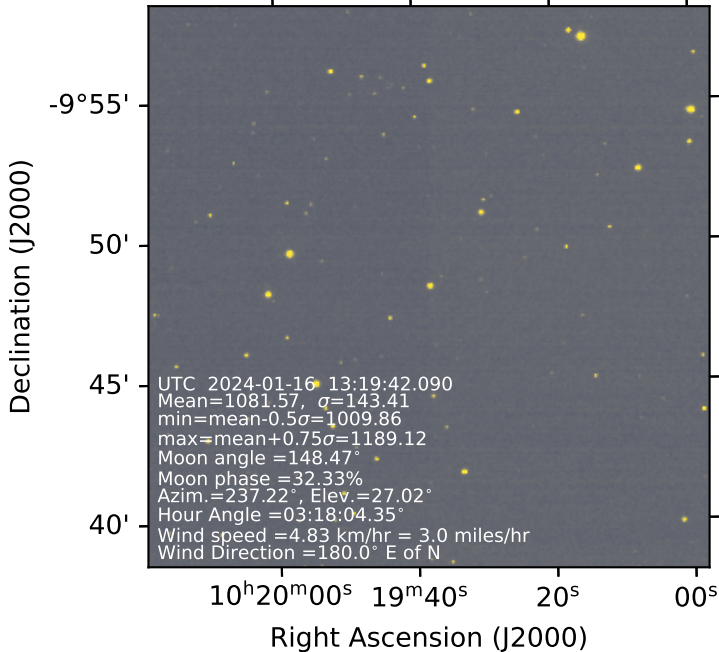
mjc016bf (R filter)



mjc0161af (R filter)



mjc0161b0 (R filter)



mjc0161f0 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 13:21:12.410
Mean=1095.20, σ =145.51
min=mean-0.5 σ =1022.45
max=mean+0.75 σ =1204.34
Moon angle =148.46°
Moon phase =32.34%
Azim.=237.51°, Elev.=26.75°
Hour Angle =03:19:34.60°
Wind speed =5.31 km/hr = 3.3 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc016c2 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 13:22:28.250
Mean=1006.22, $\sigma=10.73$
min=mean-0.5 σ =1000.85
max=mean+0.75 σ =1014.26
Moon angle =148.44°
Moon phase =32.36%
Azim.=237.8°, Elev.=26.47°
Hour Angle =03:21:06.85°
Wind speed =4.18 km/hr = 2.6 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)

mjc0161b2 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 13:23:38.140
Mean=1130.89, σ =146.75
min=mean-0.5 σ =1057.51
max=mean+0.75 σ =1240.95
Moon angle =148.43°
Moon phase =32.36%
Azim.=237.97°, Elev.=26.31°
Hour Angle =03:22:01.00°
Wind speed =4.83 km/hr = 3.0 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s

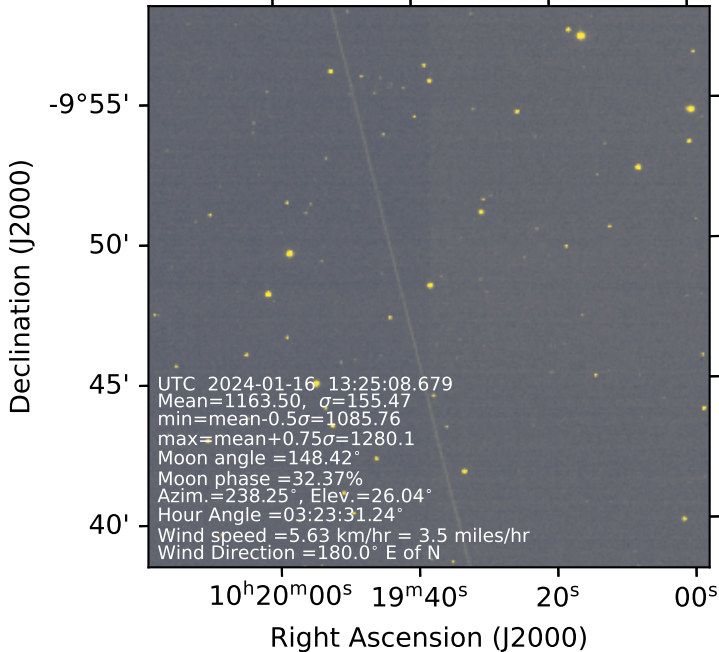
19^m40^s

20^s

00^s

Right Ascension (J2000)

mjc0161ee (R filter)



mjc016c4 (R filter)

Declination (J2000)

-9°55'

50'

45'

40'

UTC 2024-01-16 13:29:07.450
Mean=1019.49, $\sigma=11.41$
min=mean-0.5 σ =1013.79
max=mean+0.75 σ =1028.04
Moon angle =148.38°
Moon phase =32.41%
Azim.=239.03°, Elev.=25.27°
Hour Angle =03:27:46.94°
Wind speed =4.51 km/hr = 2.8 miles/hr
Wind Direction =180.0° E of N

10^h20^m00^s 19^m40^s 20^s 00^s

Right Ascension (J2000)