INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20001225
TAPE NR:
OBSERVER:             Javier Mendez and Samantha Rix
PROGRAMME:            Wide Field Survey
PATT/CAT REF.:        WFS9+M31
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      46.05 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WFC FILTER WHEEL:     U,Z,i,r,g,V

WEATHER:              (1st half) poor
                      (2nd half) bad
CLOUD COVER (%):      (1st half) 30
                      (2nd half) 100
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.8
                      (2nd half) ---

DOME OPENED (UT):     20:00
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METEOROLOGICAL PARAMETERS

| LT | AirT | Hum% | Wspd | Gust | Wdir | Press | LocT | IntT | Mirr | LocRH | IntRH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 19:00 | 4.3 | 80 | 36.1 | 41.2 | 246 | 765.6 | 4.8 | 8.8 | 8.8 | 63 | 63 |
| 20:00 | 5.0 | 30 | 33.2 | 37.7 | 249 | 765.8 | 5.4 | 8.1 | 8.7 | 31 | 32 |
| 21:00 | 4.4 | 59 | 32.4 | 39.5 | 234 | 765.9 | 4.9 | 6.5 | 8.0 | 57 | 52 |
| 22:00 | 4.2 | 78 | 35.7 | 39.1 | 229 | 766.1 | 4.6 | 6.9 | 8.2 | 76 | 65 |
| 23:00 | 4.1 | 95 | 37.3 | 45.2 | 194 | 766.1 | 4.6 | 7.1 | 8.5 | 90 | 76 |
| 00:00 | 3.7 | 84 | 32.0 | 45.0 | 235 | 765.9 | 4.3 | 5.7 | 7.5 | 73 | 68 |
| 01:00 | 3.5 | 99 | 40.7 | 46.2 | 252 | 765.3 | 4.0 | 5.9 | 8.0 | 93 | 75 |
| 02:00 | 3.6 | 64 | 35.8 | 40.9 | 247 | 765.0 | 4.4 | 6.3 | 8.0 | 54 | 64 |
| 03:00 | 3.5 | 100 | 40.6 | 49.8 | 222 | 764.5 | 4.0 | 6.3 | 8.1 | 97 | 77 |
| 04:00 | 3.7 | 100 | 40.8 | 51.6 | 218 | 764.7 | 4.1 | 6.5 | 8.1 | 100 | 86 |
| 05:00 | 4.0 | 100 | 32.1 | 40.8 | 201 | 764.5 | 4.4 | 6.5 | 8.1 | 100 | 86 |

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SUNSET(UT)            18:29
EVENING TWILIGHT(UT)  19:45
MORNING TWILIGHT(UT)  06:38
SUNRISE(UT)           07:55
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      0
DARK TIME             10:53
TWILIGHT TIME         02:33
MOONRISE(UT)          No Moon all night
MOONSET(UT)           No Moon all night

TIME LOST(WEATHER):   08:50
TIME LOST(TECHNICAL): 00:30
TIME LOST(OTHER):     00:00

COMMENTS:
  r242036 is a dome flat.
  High clouds.
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| Run no. | Object name | RA | Dec. | Equinox | AM | PA | UT | Exp. T. | Filter | Psys Channel | Binning | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 242015 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.332 | 180.0 | 16:13:33.3 | 0.0 | g | Sloan | 1 x 1 | |
| 242016 | test | 0:00:00.00 | +00:00:00.0 | A | 1.332 | 180.0 | 16:18:29.5 | 9.7 | V | Harris | 1 x 1 | |
| 242017 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 16:54:54.1 | 0.0 | V | Harris | 1 x 1 | |
| 242018 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 17:31:29.8 | 0.0 | V | Harris | 1 x 1 | |
| 242019 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 18:45:55.4 | 0.0 | V | Harris | 1 x 1 | |
| 242020 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 18:46:39.1 | 0.0 | V | Harris | 1 x 1 | |
| 242021 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 18:47:19.8 | 0.0 | V | Harris | 1 x 1 | |
| 242022 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 18:47:59.2 | 0.0 | V | Harris | 1 x 1 | |
| 242023 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 18:48:38.6 | 0.0 | V | Harris | 1 x 1 | |
| 242024 | Focus run | 0:55:00.00 | +00:46:43.0 | J2000.00 | 1.135 | 180.0 | 20:05:28.6 | 10.1 | V | Harris | 1 x 1 | |
| 242025 | Focus run | 0:55:00.00 | +00:46:43.0 | J2000.00 | 1.139 | 180.0 | 20:15:03.5 | 10.1 | V | Harris | 1 x 1 | |
| 242026 | M31-microfld1 | 0:43:59.99 | +41:34:00.0 | J2000.00 | 1.040 | 180.0 | 20:21:05.6 | 319.8 | r | Sloan | 1 x 1 | |
| 242027 | M31-microfld1 | 0:43:59.99 | +41:33:59.9 | J2000.00 | 1.045 | 180.0 | 20:27:47.0 | 319.8 | r | Sloan | 1 x 1 | |
| 242028 | M31-microfld1 | 0:43:59.99 | +41:34:00.0 | J2000.00 | 1.050 | 180.0 | 20:34:28.5 | 319.7 | i | Sloan | 1 x 1 | |
| 242029 | M31-microfld1 | 0:44:00.00 | +41:33:59.9 | J2000.00 | 1.055 | 180.0 | 20:41:08.9 | 319.7 | i | Sloan | 1 x 1 | |
| 242030 | M31-microfld2 | 0:43:09.96 | +40:58:15.1 | J2000.00 | 1.062 | 180.0 | 20:48:54.3 | 319.8 | r | Sloan | 1 x 1 | |
| 242031 | M31-microfld2 | 0:43:10.00 | +40:58:15.0 | J2000.00 | 1.069 | 180.0 | 20:55:33.5 | 319.2 | r | Sloan | 1 x 1 | |
| 242032 | M31-microfld2 | 0:43:10.00 | +40:58:15.0 | J2000.00 | 1.077 | 180.0 | 21:02:13.4 | 319.8 | i | Sloan | 1 x 1 | |
| 242033 | M31-microfld2 | 0:43:10.00 | +40:58:14.9 | J2000.00 | 1.086 | 180.0 | 21:08:55.5 | 319.8 | i | Sloan | 1 x 1 | |
| 242034 | wfsj0219-0500_023 | 2:17:55.80 | -05:00:00.0 | J2000.00 | 1.575 | 180.0 | 23:42:22.9 | 599.4 | U | RGO | 1 x 1 | |
| 242035 | Bias | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 180.0 | 00:34:57.7 | 0.0 | g | Sloan | 1 x 1 | |
| 242036 | | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:08:35.0 | 5.1 | r | Sloan | 1 x 1 | dome flat |
| 242037 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:11:38.9 | 4.1 | r | Sloan | 1 x 1 | |
| 242038 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:12:25.4 | 4.1 | r | Sloan | 1 x 1 | |
| 242039 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:13:10.7 | 3.6 | r | Sloan | 1 x 1 | |
| 242040 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:13:56.0 | 4.1 | r | Sloan | 1 x 1 | |
| 242041 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:14:41.6 | 4.1 | r | Sloan | 1 x 1 | |
| 242044 | | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:20:52.4 | 2.1 | i | Sloan | 1 x 1 | |
| 242045 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:22:31.3 | 2.1 | i | Sloan | 1 x 1 | |
| 242046 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:23:15.0 | 2.1 | i | Sloan | 1 x 1 | |
| 242047 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:23:58.6 | 2.1 | i | Sloan | 1 x 1 | |
| 242048 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:24:42.4 | 2.1 | i | Sloan | 1 x 1 | |
| 242049 | Flat field | 0:00:00.00 | +00:00:00.0 | A | 2.900 | 180.0 | 05:25:26.2 | 2.1 | i | Sloan | 1 x 1 | |