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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1999 JUN 09/10
INT TAPE NR:           INTD4073
OBSERVER:              Driver, Couch, Cross
PROGRAMME:             WFS03
PATT/CAT:              WFS03
TELESCOPE OPERATOR:    None
SUPPORT ASTRONOMER:    None

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     KPB,Z,r,g,i,U
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              EEV
PIXELS:                4X2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=   , Xsize=   , Ystart=   , Ysize=
BINNING:               in X=1, in Y=1

WEATHER:               Good
OUTSIDE TEMP (deg C):    11.0            (FIRST HALF)
OUTSIDE TEMP (deg C):    9.0            (SECOND HALF)
HUMIDITY (%):            20%             (FIRST HALF)
HUMIDITY (%):            20%             (SECOND HALF)
CLOUD COVER (%):          0              (FIRST HALF)
CLOUD COVER (%):          0              (SECOND HALF)
DUST (0 - 2):             1              (FIRST HALF)
DUST (0 - 2):             1              (SECOND HALF)
SEEING (arcsec):          1.1              (FIRST HALF)
SEEING (arcsec):          0.9              (SECOND HALF)
AV. SEEING (arcsec):      1.0
NO. SEEING MEASURES:      0

UTC    TELESCOPE                 CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            06:58
DOME OPEN (UTC):       19:30
MOON PHASE (D/G/B):        G
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):   00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):    00:00
DK HRS LOST (OTHER):  00:00

COMMENTS: Telescope overshooting.

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| Run no. | Object name | RA | Dec. | Equinox | AM | PA | UT | Exp. T. | Filter | Psys | Channel | Binning | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 168879 | Bias frame | 0:00:00.00 | +00:00:00.0 | A | 1.507 | 179.7 | 14:27:33.4 | 0.0 | r | Sloan | 1 | 1 x 1 | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 168883 | Unspecified object | 0:00:00.00 | +00:00:00.0 | A | 1.000 | 179.7 | 14:44:22.9 | 7.1 | r | Sloan | 1 | 1 x 1 |
| 168887 | Bias frame | 0:00:00.00 | +00:00:00.0 | A | 3.513 | 179.7 | 16:26:30.2 | 0.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168891 | Bias frame | 0:00:00.00 | +00:00:00.0 | A | 3.513 | 179.7 | 16:29:21.1 | 0.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168895 | Bias frame | 0:00:00.00 | +00:00:00.0 | A | 3.513 | 179.7 | 16:32:11.7 | 0.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168901 | Bias frame | 0:00:00.00 | +00:00:00.0 | A | 3.513 | 179.7 | 16:35:02.7 | 0.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168905 | Bias frame | 0:00:00.00 | +00:00:00.0 | A | 3.513 | 179.7 | 16:37:53.8 | 0.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168933 | Flat field | 13:04:33.00 | +29:50:48.9 | B1950.00 | 1.007 | 179.7 | 20:36:13.6 | 3.6 | B | Kitt Peak | 1 | 1 x 1 |
| 168937 | Flat field | 13:04:33.00 | +29:50:39.0 | B1950.00 | 1.006 | 179.7 | 20:39:37.4 | 8.3 | B | Kitt Peak | 1 | 1 x 1 |
| 168941 | Flat field | 13:04:32.23 | +29:50:38.9 | B1950.00 | 1.004 | 179.7 | 20:43:06.9 | 17.2 | B | Kitt Peak | 1 | 1 x 1 |
| 168945 | Flat field | 13:04:32.22 | +29:50:58.9 | B1950.00 | 1.003 | 179.7 | 20:46:35.1 | 96.5 | i | Sloan | 1 | 1 x 1 |
| 168953 | sa104-334 B | 12:42:20.99 | -00:40:28.0 | J2000.00 | 1.155 | 179.7 | 21:08:50.6 | 20.1 | B | Kitt Peak | 1 | 1 x 1 |
| 168961 | Focus run | 12:42:20.99 | -00:38:42.9 | J2000.00 | 1.162 | 179.7 | 21:20:34.1 | 5.1 | B | Kitt Peak | 1 | 1 x 1 |
| 168969 | sa104-334 B | 12:42:21.00 | -00:40:28.0 | J2000.00 | 1.172 | 179.7 | 21:28:35.9 | 60.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168973 | wfsngc092 B | 13:01:59.99 | -00:00:00.0 | J2000.00 | 1.164 | 179.7 | 21:41:55.1 | 749.3 | B | Kitt Peak | 1 | 1 x 1 |
| 168977 | wfsngc093 KPB | 13:04:00.00 | -00:00:00.0 | J2000.00 | 1.185 | 179.7 | 22:00:39.6 | 749.3 | B | Kitt Peak | 1 | 1 x 1 |
| 168983 | wfsngc094 KPB | 13:06:00.00 | +00:00:00.0 | J2000.00 | 1.212 | 179.7 | 22:18:48.9 | 749.3 | B | Kitt Peak | 1 | 1 x 1 |
| 168990 | wfsngc095 KPB | 13:08:00.00 | -00:00:00.0 | J2000.00 | 1.244 | 179.7 | 22:36:11.2 | 749.2 | B | Kitt Peak | 1 | 1 x 1 |
| 168994 | sa104-334 KPB | 12:42:20.99 | -00:40:27.9 | J2000.00 | 1.377 | 179.7 | 22:55:48.4 | 60.0 | B | Kitt Peak | 1 | 1 x 1 |
| 168998 | wfsngc100 KPB | 13:18:00.00 | +00:00:00.0 | J2000.00 | 1.289 | 179.7 | 23:02:57.8 | 749.2 | B | Kitt Peak | 1 | 1 x 1 |
| 169003 | wfsngc101 KPB | 13:20:00.00 | +00:00:00.1 | J2000.00 | 1.339 | 179.7 | 23:20:16.8 | 749.2 | B | Kitt Peak | 1 | 1 x 1 |
| 169008 | wfsngc102 KPB | 13:22:00.00 | -00:00:00.1 | J2000.00 | 1.400 | 179.7 | 23:37:34.1 | 749.1 | B | Kitt Peak | 1 | 1 x 1 |
| 169012 | wfsngc103 KPB | 13:24:00.00 | -00:00:00.0 | J2000.00 | 1.474 | 179.7 | 23:55:02.3 | 749.2 | B | Kitt Peak | 1 | 1 x 1 |
| 169016 | wfsngc104 KPB | 13:26:00.00 | +00:00:00.0 | J2000.00 | 1.563 | 179.7 | 00:12:21.6 | 749.3 | B | Kitt Peak | 1 | 1 x 1 |
| 169020 | wfsngc105 KPB | 13:28:00.00 | -00:00:00.0 | J2000.00 | 1.672 | 179.7 | 00:29:42.5 | 749.2 | B | Kitt Peak | 1 | 1 x 1 |
| 169024 | wfsngc138 KPB | 14:34:00.00 | +00:00:00.0 | J2000.00 | 1.397 | 179.7 | 00:48:42.6 | 748.3 | B | Kitt Peak | 1 | 1 x 1 |
| 169028 | wfsngc139 KPB | 14:36:00.00 | -00:00:00.0 | J2000.00 | 1.470 | 179.7 | 01:06:00.5 | 749.3 | B | Kitt Peak | 1 | 1 x 1 |
| 169032 | sa107-602 KPB | 15:39:19.00 | -00:15:29.0 | J2000.00 | 1.278 | 179.7 | 01:24:38.4 | 60.1 | B | Kitt Peak | 1 | 1 x 1 |
| 169036 | sa107-602 i | 15:39:19.00 | -00:15:28.9 | J2000.00 | 1.289 | 179.7 | 01:28:55.5 | 20.1 | i | Sloan | 1 | 1 x 1 |
| 169040 | Focus run | 15:39:19.00 | -00:13:44.0 | J2000.00 | 1.305 | 179.7 | 01:35:57.8 | 5.1 | i | Sloan | 1 | 1 x 1 |
| 169045 | wfsj1610+5430_031 | 16:11:49.30 | +54:10:00.0 | J2000.00 | 1.178 | 179.7 | 01:52:48.6 | 598.9 | i | Sloan | 1 | 1 x 1 |
| 169049 | wfsj1610+5430_032 | 16:11:50.20 | +54:29:59.9 | J2000.00 | 1.202 | 179.7 | 02:07:21.6 | 599.6 | i | Sloan | 1 | 1 x 1 |
| 169053 | wfsj1610+5430_033 | 16:11:51.10 | +54:50:00.0 | J2000.00 | 1.230 | 179.7 | 02:21:58.8 | 599.5 | i | Sloan | 1 | 1 x 1 |
| 169057 | sa107-602 i | 15:39:19.00 | -00:15:29.0 | J2000.00 | 1.609 | 179.7 | 02:37:36.0 | 20.1 | i | Sloan | 1 | 1 x 1 |
| 169061 | wfsj1610+5430_040 | 16:15:28.00 | +54:09:59.9 | J2000.00 | 1.262 | 179.7 | 02:43:36.8 | 599.4 | i | Sloan | 1 | 1 x 1 |
| 169065 | wfsj1610+5430_041 | 16:15:30.60 | +54:29:59.9 | J2000.00 | 1.299 | 179.7 | 02:58:16.0 | 599.4 | i | Sloan | 1 | 1 x 1 |
| 169069 | wfsj1610+5430_042 | 16:15:33.40 | +54:49:59.8 | J2000.00 | 1.340 | 179.7 | 03:12:51.6 | 599.4 | i | Sloan | 1 | 1 x 1 |
| 169073 | sa107-602 i | 15:39:18.99 | -00:15:29.0 | J2000.00 | 2.110 | 179.7 | 03:27:25.2 | 20.1 | i | Sloan | 1 | 1 x 1 |
| 169077 | wfsj1610+5430_049 | 16:19:06.60 | +54:09:59.9 | J2000.00 | 1.388 | 179.7 | 03:33:25.8 | 599.4 | i | Sloan | 1 | 1 x 1 |
| 169081 | wfsj1610+5430_050 | 16:19:11.10 | +54:29:59.9 | J2000.00 | 1.440 | 179.7 | 03:48:00.3 | 599.4 | i | Sloan | 1 | 1 x 1 |
| 169085 | wfsj1610+5430_051 | 16:19:15.60 | +54:50:00.0 | J2000.00 | 1.499 | 179.7 | 04:02:34.4 | 599.6 | i | Sloan | 1 | 1 x 1 |
| 169089 | sa110-361 i | 18:42:45.00 | +00:08:03.9 | J2000.00 | 1.250 | 179.7 | 04:19:19.7 | 20.0 | i | Sloan | 1 | 1 x 1 |
| 169093 | NGC6496 KPB | 20:33:48.00 | +59:59:00.1 | B1950.00 | 1.171 | 179.7 | 04:35:40.8 | 299.7 | B | Kitt Peak | 1 | 1 x 1 |
| 169097 | NGC6496 r | 20:33:48.00 | +59:58:59.8 | B1950.00 | 1.172 | 179.7 | 04:44:43.6 | 299.2 | r | Sloan | 1 | 1 x 1 |
| 169101 | NGC6496 i | 20:33:48.00 | +59:59:00.0 | B1950.00 | 1.174 | 179.7 | 04:52:50.0 | 299.6 | i | Sloan | 1 | 1 x 1 |
| 169105 | NGC6496 U | 20:33:48.00 | +59:59:00.0 | B1950.00 | 1.177 | 179.7 | 05:00:57.0 | 599.5 | U | RGO | 1 | 1 x 1 |
| 169109 | NGC6496 Z | 20:33:48.00 | +59:59:00.1 | B1950.00 | 1.183 | 179.7 | 05:13:54.9 | 599.0 | z | Gunn | 1 | 1 x 1 |
| 169117 | flat i | 21:26:54.40 | -08:51:40.9 | B1950.00 | 1.258 | 179.7 | 05:32:13.7 | 40.1 | i | Sloan | 1 | 1 x 1 |
| 169121 | flat r | 21:26:55.07 | -08:51:40.9 | B1950.00 | 1.259 | 179.7 | 05:36:09.8 | 15.6 | r | Sloan | 1 | 1 x 1 |
| 169125 | flat i | 21:26:55.07 | -08:51:40.9 | B1950.00 | 1.260 | 179.7 | 05:40:03.5 | 5.6 | i | Sloan | 1 | 1 x 1 |