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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:              INT
DATE:                   20000328
TAPE NR:                INTD4341
OBSERVER:               S. Driver, D. Lemon, N. Cross
PROGRAMME:              WFS01
PATT/CAT REF.:          WFS01
TELESCOPE OPERATOR:     None
SUPPORT ASTRONOMER:     None

TELESCOPE FOCUS:        46.1 mm
CALIBRATE RESULTS:      HI 56.12 +/- 4.08, DI -46.68 +/- 1.34, HC 43.45 +/- 2.96, Sky sigma 3.54

INSTRUMENT:             WFC

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

WEATHER:                (1st half) poor
                        (2nd half) good
CLOUD COVER (%):        (1st half) 100
                        (2nd half)
DUST (0-2):             (1st half) 0
                        (2nd half) 0
SEEING (arcsec):        (1st half) 0.0
                        (2nd half) 1.2

DOME OPENED (UT):       22:15

TEMPERATURE, HUMIDITY and WIND:
   UT    Temp  Hum%  Wspd  Wdir
20:00    6.3     3    14   292
21:00    5.8     4    12   315
22:00    5.4     3    24   326
23:00    5.4     3    18   345
00:00    5.2     3    12   319
01:00    4.9     2    15   334
02:00    4.7     3    13   323
03:00    4.6     4    16   326
04:00    4.1     3    27   325
05:00    4.0    16    23   348
06:00    3.8    22    24   337

SUNSET(UT)              19:34
EVENING TWILIGHT(UT)    20:46
MORNING TWILIGHT(UT)    05:46
SUNRISE(UT)             06:58
MOON'S QUARTER (1-4)    4
DISK % OF ILLUM.        40
DARK TIME               09:00
TWILIGHT TIME           02:24
MOONRISE(UT)            02:54
MOONSET(UT)             No moonset within sunset-sunrise

TIME LOST(WEATHER):     00:00
TIME LOST(TECHNICAL):   00:00
TIME LOST(OTHER):       00:00

COMMENTS:
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
213550	Bias	9:57:20.30	-00:16:26.0	J2000.00	1.149	180.2	22:19:48.0	0.0	B	Kitt Peak			
213551	Bias	9:57:20.30	-00:16:25.9	J2000.00	1.149	180.2	22:20:37.3	0.0	B	Kitt Peak			
213552	Bias	9:57:20.29	-00:16:26.0	J2000.00	1.148	180.2	22:21:25.2	0.0	B	Kitt Peak			
213553	Bias	9:57:20.30	-00:16:26.0	J2000.00	1.148	180.2	22:22:11.8	0.0	B	Kitt Peak			
213554	Bias	9:57:20.29	-00:16:25.9	J2000.00	1.148	180.2	22:22:58.5	0.0	B	Kitt Peak			
213555	sa101-424	9:57:20.30	-00:16:26.0	J2000.00	1.147	180.2	22:24:44.7	60.0	B	Kitt Peak			
213556	Focus run	9:57:20.30	-00:13:40.8	J2000.00	1.145	180.2	22:30:54.8	10.1	B	Kitt Peak			
213557	sa101-424 KPB	9:57:20.30	-00:10:55.9	J2000.00	1.142	180.2	22:39:45.6	59.6	B	Kitt Peak			
213558	M51 KPB	13:29:52.30	+47:11:54.1	J2000.00	1.364	180.2	22:52:07.2	100.0	B	Kitt Peak			
213559	M51 r	13:29:52.29	+47:11:54.0	J2000.00	1.346	180.2	22:57:07.6	100.1	r	Sloan			
213560	M51 i	13:29:52.30	+47:11:54.1	J2000.00	1.308	180.2	23:08:24.1	100.1	i	Sloan			
213561	M51 U	13:29:52.30	+47:11:54.0	J2000.00	1.296	180.2	23:12:14.4	100.0	U	RGO			
213562	sa104-424 KPB	9:57:20.30	-00:16:26.0	J2000.00	1.158	180.2	23:17:27.7	60.0	B	Kitt Peak			
213563	MGC026 KPB	10:50:00.00	+00:00:00.0	J2000.00	1.142	180.2	23:41:18.1	749.4	B	Kitt Peak			
213564	MGC027 KPB	10:52:00.00	-00:00:00.0	J2000.00	1.149	180.2	23:57:31.2	749.3	B	Kitt Peak			
213565	mgc028 KPB	10:54:00.00	-00:00:00.0	J2000.00	1.160	180.2	00:14:01.8	749.3	B	Kitt Peak			
213566	mgc029 KPB	10:56:00.00	+00:00:00.0	J2000.00	1.175	180.2	00:30:05.7	749.2	B	Kitt Peak			
213567	mgo030 KPB	10:58:00.00	+00:00:00.0	J2000.00	1.196	180.2	00:46:27.5	749.4	B	Kitt Peak			
213568	sa101-424 KPB	9:57:20.30	-00:16:26.0	J2000.00	1.396	180.2	01:01:30.1	60.0	B	Kitt Peak			
213569	mgc064 KPB	12:06:00.00	-00:00:00.0	J2000.00	1.148	180.2	01:11:05.9	749.3	B	Kitt Peak			
213570	mgc065 KPB	12:08:00.00	-00:00:00.0	J2000.00	1.161	180.2	01:28:51.7	748.7	B	Kitt Peak			
213571	mgo066 KPB	12:10:00.00	-00:00:00.1	J2000.00	1.177	180.2	01:45:13.4	749.4	B	Kitt Peak			
213572	sa101-424 KPB	9:57:20.29	-00:16:26.0	J2000.00	1.771	180.2	02:00:26.5	60.1	B	Kitt Peak			
213573	sa101-424 KPB	9:57:20.30	-00:16:26.0	J2000.00	1.868	180.2	02:10:17.0	60.0	B	Kitt Peak			
213574	sa104-425 KPB	12:42:52.20	-00:24:18.9	J2000.00	1.174	180.2	02:18:02.6	60.0	B	Kitt Peak			
213575	sa104-455 KPB	12:42:52.20	-00:24:19.1	J2000.00	1.182	180.2	02:24:05.2	60.1	B	Kitt Peak			
213576	mgc121 KPB	14:00:00.00	+00:00:00.0	J2000.00	1.141	180.2	02:29:15.3	749.2	B	Kitt Peak			
213577	mgc122 KPB	14:01:59.99	-00:00:00.0	J2000.00	1.141	180.2	02:46:08.2	749.3	B	Kitt Peak			
213578	sa104-455 KPB	12:42:52.19	-00:24:18.8	J2000.00	1.255	180.2	03:03:21.5	60.1	B	Kitt Peak			
213579	sa104-455 Z	12:42:52.20	-00:24:18.9	J2000.00	1.263	180.2	03:05:56.5	120.0	z	Gunn			
213580	Focus run	12:42:52.20	-00:21:48.9	J2000.00	1.274	180.2	03:12:40.7	10.1	z	Gunn			
213581	mgc140 Z	14:37:59.99	-00:00:00.1	J2000.00	1.143	180.2	03:26:57.3	1198.6	z	Gunn			
213582	mgc141 Z	14:40:00.00	-00:00:00.0	J2000.00	1.156	180.2	03:51:12.4	1198.8	z	Gunn			
213583	mgc142 Z	14:42:00.00	-00:00:00.1	J2000.00	1.180	180.2	04:15:37.9	1198.6	z	Gunn			
213584	mgc143 Z	14:44:00.00	-00:00:00.0	J2000.00	1.219	180.2	04:40:27.4	1198.8	z	Gunn			
213585	mgc144 Z	14:46:00.00	-00:00:00.0	J2000.00	1.269	180.2	05:03:58.6	1197.9	z	Gunn			
213586	sa107-601 Z	15:39:13.80	-00:13:27.9	J2000.00	1.189	180.2	05:26:17.9	120.0	z	Gunn			
213587	sa107-601 Z	15:39:13.80	-00:13:28.0	J2000.00	1.198	180.2	05:31:49.6	120.0	z	Gunn			
213588	sa107-601 Z	15:39:13.79	-00:13:28.0	J2000.00	1.203	180.2	05:34:55.2	120.1	z	Gunn			
213589	ngc6067 U	15:59:12.60	+20:45:47.0	J2000.00	1.044	180.2	05:42:56.7	599.4	U	RGO			
213590	ngc6067 B	15:59:12.59	+20:45:47.0	J2000.00	1.055	180.2	05:54:16.5	299.9	B	Kitt Peak			
213591	ngc6067 R	15:59:12.59	+20:45:46.9	J2000.00	1.063	180.2	06:00:42.6	299.9	r	Sloan			
213592	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.449	180.2	06:33:46.7	30.1	B	Kitt Peak			
213593	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.453	180.2	06:35:40.5	30.1	B	Kitt Peak			
213594	Flat field	16:47:51.80	-15:17:43.9	B1950.00	1.458	180.2	06:37:49.0	10.1	B	Kitt Peak			
213595	Flat field	16:47:51.80	-15:17:53.9	B1950.00	1.461	180.2	06:39:35.9	5.1	B	Kitt Peak			
213596	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.466	180.2	06:41:29.6	19.6	z	Gunn			
213597	Flat field	16:47:52.49	-15:17:53.9	B1950.00	1.470	180.2	06:43:25.5	10.1	z	Gunn			