INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20000329
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) fair
	(2nd half) fair
CLOUD COVER (%):	(1st half) 100
	(2nd half) 100
DUST (0-2):	(1st half) 0
	(2nd half) 0
SEEING (arcsec):	(1st half) 1.6
	(2nd half) 1..4

DOME OPENED (UT): 20:10

TEMPERATURE, HUMIDITY and WIND:

UT	Temp	Hum%	Wspd	Wdir
20:00	3.5	76	7	289
21:00	2.5	82	10	319
22:00	2.6	84	6	321
23:00	2.5	86	8	281
00:00	1.6	86	15	313
01:00	2.3	74	15	281
02:00	1.4	85	14	247
03:00	0.9	95	20	253

SUNSET(UT)	19:35
EVENING TWILIGHT(UT)	20:47
MORNING TWILIGHT(UT)	05:44
SUNRISE(UT)	06:57
MOON'S QUARTER (1-4)	4
DISK % OF ILLUM.	30
DARK TIME	08:57
TWILIGHT TIME	02:25
MOONRISE(UT)	03:39
MOONSET(UT)	No moonset within sunset-sunrise

TIME LOST(WEATHER):	2:00
TIME LOST(TECHNICAL):	00:00
TIME LOST(OTHER):	00:00

COMMENTS:
.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
213599	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.527	180.0	17:43:55.5	0.0	r	Sloan			

213600	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.527	180.0	17:54:34.0	0.0	r	Sloan
213601	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.527	180.0	17:56:10.2	0.0	r	Sloan
213602	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.527	180.0	17:57:19.6	0.0	r	Sloan
213603	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.527	180.0	17:58:51.3	0.0	r	Sloan
213604	sa101-424 KPB	9:57:20.30	-00:16:25.9	J2000.00	1.400	180.1	20:17:15.1	60.1	B	Kitt Peak
213605	Focus run	9:57:20.30	-00:13:40.9	J2000.00	1.379	180.1	20:24:08.2	10.1	B	Kitt Peak
213606	sa101-424 KPB	9:57:20.31	-00:10:55.9	J2000.00	1.364	180.1	20:25:41.6	60.1	B	Kitt Peak
213607	sa101-424 KPB	9:57:20.29	-00:16:26.0	J2000.00	1.356	180.1	20:28:06.7	60.1	B	Kitt Peak
213608	sa101-424 KPB	9:57:20.30	-00:16:26.0	J2000.00	1.348	180.1	20:30:14.3	60.1	B	Kitt Peak
213609	Focus run	9:57:20.30	-00:13:40.9	J2000.00	1.331	180.1	20:36:46.1	10.1	B	Kitt Peak
213610	mgc011 test	10:20:00.00	-00:00:00.0	J2000.00	1.371	180.1	20:45:47.9	60.0	B	Kitt Peak
213611	mgc011 test2	10:20:00.00	-00:00:00.0	J2000.00	1.331	180.1	20:56:22.0	60.1	B	Kitt Peak
213612	NGC2712 KPB	8:59:31.00	+44:54:51.1	J2000.00	1.048	180.1	21:05:45.6	149.9	B	Kitt Peak
213613	NGC2712 R	8:59:31.00	+44:54:51.1	J2000.00	1.047	180.1	21:09:58.5	150.0	r	Sloan
213614	mgc011 KPB	10:20:00.00	-00:00:00.0	J2000.00	1.253	180.1	21:16:60.0	749.3	B	Kitt Peak
213615	Focus run	10:21:59.99	+00:01:30.0	J2000.00	1.232	180.1	21:34:42.6	9.6	B	Kitt Peak
213616	mgc012 KPB	10:22:00.00	+00:00:00.0	J2000.00	1.210	180.1	21:38:45.1	749.2	B	Kitt Peak
213617	mgc011 KPB	10:19:59.99	+00:00:00.0	J2000.00	1.179	180.1	21:56:02.3	749.3	B	Kitt Peak
213618	mgc012 KPB	10:21:59.99	+00:00:00.0	J2000.00	1.162	180.1	22:12:34.7	749.3	B	Kitt Peak
213619	mgc011 KPB	10:20:00.00	-00:00:00.0	J2000.00	1.148	180.1	22:29:01.5	749.3	B	Kitt Peak
213620	Focus run	10:22:00.00	+00:02:45.1	J2000.00	1.143	180.1	22:48:07.1	10.1	B	Kitt Peak
213621	MGC011 KPB	10:20:00.00	+00:00:00.1	J2000.00	1.153	180.1	23:28:08.6	748.7	B	Kitt Peak
213622	mgc012 KPB	10:22:00.00	-00:00:00.0	J2000.00	1.165	180.1	23:43:23.3	749.4	B	Kitt Peak
213623	mgc068 KPB	12:14:00.00	-00:00:00.0	J2000.00	1.159	180.1	00:07:56.8	749.3	B	Kitt Peak
213624	mgc067x KPB	12:11:56.00	+00:01:15.0	J2000.00	1.144	180.1	00:26:47.7	748.6	B	Kitt Peak
213625	sa101_424	9:57:20.29	-00:16:26.0	J2000.00	1.338	180.1	00:42:36.4	60.1	B	Kitt Peak
213626	virgo 528 KPB	12:25:02.50	+16:03:59.9	J2000.00	1.025	180.1	00:53:42.7	749.2	B	Kitt Peak
213627	virgo 567 KPB	12:22:51.80	+16:44:00.0	J2000.00	1.024	180.1	01:11:46.6	749.4	B	Kitt Peak
213628	virgo 701s KPB	12:22:49.29	+17:23:59.8	J2000.00	1.028	180.1	01:27:27.6	749.3	B	Kitt Peak
213629	virgo 702s KPB	12:25:00.10	+17:24:00.0	J2000.00	1.037	180.1	01:44:31.9	749.3	B	Kitt Peak
213630	virgo 703s KPB	12:22:48.59	+17:44:00.0	J2000.00	1.056	180.1	02:02:49.8	749.3	B	Kitt Peak
213631	virgo 704s KPB	12:24:59.59	+17:44:00.1	J2000.00	1.075	180.1	02:20:03.6	749.4	B	Kitt Peak
213632	104-455 KPB	12:42:52.20	-00:24:18.9	J2000.00	1.474	180.1	03:58:37.5	60.0	B	Kitt Peak
213633	104-455 Z	12:42:52.20	-00:24:19.0	J2000.00	1.489	180.1	04:00:55.5	120.0	B	Kitt Peak
213634	104-455 R	12:42:52.19	-00:24:19.0	J2000.00	1.512	180.1	04:05:32.4	60.1	r	Sloan
213635	Focus run	14:21:59.99	+00:02:45.1	J2000.00	1.194	180.1	04:12:55.3	10.1	r	Sloan
213636	sa107-601 KPB	15:39:13.80	-00:13:28.0	J2000.00	1.143	180.1	04:17:57.5	60.1	B	Kitt Peak
213637	sa107-601 R	15:39:13.79	-00:13:27.9	J2000.00	1.143	180.1	04:20:47.4	60.1	r	Sloan
213638	Focus run	15:39:13.80	-00:10:42.9	J2000.00	1.143	180.1	04:27:06.9	10.1	r	Sloan
213639	mgc132 R	14:22:00.00	+00:00:00.0	J2000.00	1.248	180.1	04:32:54.0	599.5	r	Sloan
213640	mgc133 R	14:23:59.99	+00:00:00.0	J2000.00	1.279	180.1	04:46:45.3	599.5	r	Sloan
213641	mgc134 R	14:25:59.99	+00:00:00.0	J2000.00	1.317	180.1	05:01:06.7	599.5	r	Sloan
213642	mgc135 R	14:27:59.99	+00:00:00.0	J2000.00	1.360	180.1	05:14:58.9	599.4	r	Sloan
213643	mgc136 R	14:29:59.99	+00:00:00.0	J2000.00	1.410	180.1	05:29:07.4	599.4	r	Sloan
213644	sa107-601 R	15:39:13.80	-00:13:27.9	J2000.00	1.224	180.1	05:42:42.4	60.1	r	Sloan
213645	sa107-601 R	15:39:13.80	-00:13:27.9	J2000.00	1.233	180.1	05:46:50.3	60.1	r	Sloan
213646	Flat field	16:47:52.84	-15:17:44.0	B1950.00	1.458	180.1	06:33:52.2	30.1	r	Sloan
213647	Flat field	16:47:53.19	-15:17:44.0	B1950.00	1.462	180.1	06:35:49.4	15.1	r	Sloan
213648	Flat field	16:47:53.19	-15:17:54.0	B1950.00	1.465	180.1	06:37:19.2	10.1	r	Sloan
213649	Flat field	16:47:53.19	-15:18:04.0	B1950.00	1.469	180.1	06:38:52.2	5.1	r	Sloan
213650	Flat field	16:47:53.18	-15:18:14.0	B1950.00	1.472	180.1	06:40:23.4	5.1	r	Sloan