INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  20000404
TAPE NR:               INTD4346
OBSERVER:              MJI
PROGRAMME:             WFS
PATT/CAT REF.:         WFS09
TELESCOPE OPERATOR:
SUPPORT ASTRONOMER:

TELESCOPE FOCUS:       46.0 mm
CALIBRATE RESULTS:     not specified

INSTRUMENT:            WFC

WEATHER:               (1st half) Good
                       (2nd half) Fair
CLOUD COVER (%):       (1st half) 0
                       (2nd half) 20
DUST (0-2):            (1st half) 0
                       (2nd half) 0
SEEING (arcsec):       (1st half) 0.8
                       (2nd half) 0.9

DOME OPENED (UT):      18:40
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TEMPERATURE, HUMIDITY and WIND:

UT	Temp	Hum%	Wspd	Wdir
00:00	4.6	23	21	281
01:00	3.9	25	11	259
02:00	4.5	21	13	251
03:00	5.1	16	11	230
04:00	4.9	16	10	233
05:00	4.5	17	6	175

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SUNSET(UT)             19:38
EVENING TWILIGHT(UT)   20:51
MORNING TWILIGHT(UT)   05:37
SUNRISE(UT)            06:50
MOON'S QUARTER (1-4)   1
DISK % OF ILLUM.       0
DARK TIME              08:46
TWILIGHT TIME          02:26
MOONRISE(UT)           No Moon all night
MOONSET(UT)            No Moon all night

TIME LOST(WEATHER):    01:00
TIME LOST(TECHNICAL):  00:00
TIME LOST(OTHER):      00:00
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COMMENTS:
Photometric until ~UT 02:00

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
213893	Bias frame	8:00:00.00	+21:00:00.0	J2000.00	1.023	180.0	19:35:41.5	0.0	z	Gunn			
213894	Bias frame	8:00:00.00	+20:59:59.9	J2000.00	1.023	180.0	19:36:47.0	0.0	z	Gunn			
213895	Bias frame	8:00:00.00	+20:59:59.9	J2000.00	1.022	180.0	19:37:33.1	0.0	z	Gunn			
213896	Bias frame	8:00:00.00	+20:59:59.9	J2000.00	1.022	180.0	19:38:19.9	0.0	z	Gunn			
213897	Bias frame	8:00:00.00	+20:59:59.9	J2000.00	1.021	180.0	19:39:06.6	0.0	z	Gunn			

213898	Flat field	7:59:59.99	+20:59:59.9	J2000.00	1.017	180.0	19:47:09.8	3.1	z	Gunn	
213899	Flat field	8:00:02.14	+21:00:29.9	J2000.00	1.016	180.0	19:48:22.6	4.6	z	Gunn	
213900	Flat field	8:00:02.14	+21:00:30.0	J2000.00	1.014	180.0	19:52:06.2	2.1	B	Kitt Peak	
213901	Flat field	8:00:00.00	+21:00:00.0	J2000.00	1.014	180.0	19:53:21.9	4.1	B	Kitt Peak	
213902	Flat field	7:59:59.99	+21:00:00.0	J2000.00	1.013	180.0	19:54:54.5	4.1	g	Sloan	
213903	Flat field	8:00:04.28	+21:00:59.9	J2000.00	1.013	180.0	19:56:17.0	6.1	g	Sloan	
213904	Flat field	8:00:04.28	+21:01:00.0	J2000.00	1.012	180.0	19:58:08.6	14.6	r	Sloan	
213905	Flat field	7:59:55.71	+20:58:59.9	J2000.00	1.012	180.0	19:59:27.8	25.1	r	Sloan	
213906	wfsj0347+2400-cal1	3:44:30.00	+22:49:59.9	J2000.00	1.702	180.0	20:02:48.5	100.1	i	Sloan	
213907	wfsj0347+2400-cal1	3:44:29.99	+22:50:00.1	J2000.00	1.727	180.0	20:05:31.0	99.9	z	Gunn	
213908	wfsj0347+2400-iz05	3:46:48.90	+23:29:54.0	J2000.00	1.721	180.0	20:08:13.9	100.0	z	Gunn	
213909	wfsj0347+2400-iz05	3:46:48.90	+23:29:53.9	J2000.00	1.744	180.0	20:11:07.6	50.2	i	Sloan	
213910	wfsj0347+2400-cal1	3:44:29.99	+22:50:00.0	J2000.00	1.795	180.0	20:13:01.3	50.1	i	Sloan	
213911	wfsj0347+2400-iz09	3:41:27.00	+24:15:58.9	J2000.00	1.822	180.0	20:14:52.5	50.1	i	Sloan	
213912	Focus run	6:52:12.00	-00:17:17.1	J2000.00	1.210	180.0	20:26:51.5	10.1	r	Sloan	
213913	sa98-670 KPB	6:52:12.00	-00:19:17.0	J2000.00	1.219	180.0	20:30:45.4	10.1	B	Kitt Peak	
213914	sa98-670 g	6:52:12.00	-00:19:16.9	J2000.00	1.222	180.0	20:31:57.0	10.1	g	Sloan	
213915	sa98-670 i	6:52:12.00	-00:19:16.9	J2000.00	1.224	180.0	20:33:09.9	10.1	i	Sloan	
213916	sa98-670 r	6:52:12.00	-00:19:17.0	J2000.00	1.227	180.0	20:34:21.4	10.1	r	Sloan	
213917	sa98-670 Z	6:52:12.00	-00:19:17.0	J2000.00	1.229	180.0	20:35:32.7	9.6	z	Gunn	
213918	wfsj0801+4019_015	7:57:44.80	+40:39:00.0	J2000.00	1.029	180.0	20:43:15.6	599.4	z	Gunn	
213919	wfsj0801+4019_015	7:57:44.80	+40:38:59.9	J2000.00	1.035	180.0	20:54:46.5	599.5	i	Sloan	
213920	wfsj0801+4019_014	7:57:45.89	+40:18:59.9	J2000.00	1.042	180.0	21:06:43.4	599.3	i	Sloan	
213921	wfsj0801+4019_013	7:57:47.09	+39:58:59.9	J2000.00	1.051	180.0	21:18:47.8	599.4	i	Sloan	
213922	wfsj0801+4019_022	8:00:23.70	+39:58:59.9	J2000.00	1.061	180.0	21:30:59.0	599.4	i	Sloan	
213923	wfsj0801+4019_023	8:00:23.29	+40:18:59.9	J2000.00	1.077	180.0	21:43:11.0	599.6	i	Sloan	
213924	wfsj0801+4019_024	8:00:22.90	+40:39:00.0	J2000.00	1.096	180.0	21:55:48.7	599.4	i	Sloan	
213925	sa101-427 KPB	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.0	22:07:53.5	10.1	B	Kitt Peak	
213926	sa101-427 g	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.0	22:09:04.6	9.6	g	Sloan	
213927	sa101-427 i	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.0	22:10:16.3	10.1	i	Sloan	
213928	sa101-427 r	9:57:25.99	-00:17:16.0	J2000.00	1.144	180.0	22:11:29.3	10.1	r	Sloan	
213929	sa101-427 Z	9:57:26.00	-00:17:15.9	J2000.00	1.144	180.0	22:12:41.3	10.1	z	Gunn	
213930	sne323 g	10:32:57.80	-06:09:49.9	J2000.00	1.226	180.0	22:22:26.8	599.5	g	Sloan	
213931	wfsngc r	12:00:00.00	-00:00:00.1	J2000.00	1.246	180.0	22:37:17.0	599.5	r	Sloan	
213932	wfsngc i	11:59:59.99	+00:00:00.0	J2000.00	1.220	180.0	22:48:49.3	599.4	i	Sloan	
213933	wfsngc z	12:00:00.00	+00:00:00.0	J2000.00	1.199	180.0	23:00:17.8	599.5	z	Gunn	
213934	wfsngc062 i	12:02:00.00	-00:00:00.1	J2000.00	1.180	180.0	23:14:33.0	599.5	i	Sloan	
213936	wfsngc062 r	12:02:00.00	-00:00:00.1	J2000.00	1.159	180.0	23:32:44.3	599.5	r	Sloan	
213937	wfsngc062 z	12:01:59.99	+00:00:00.1	J2000.00	1.150	180.0	23:44:03.2	599.4	z	Gunn	
213938	sne323 r	10:32:57.79	-06:09:50.0	J2000.00	1.284	180.0	23:56:10.2	599.4	r	Sloan	
213939	wfsngc063 i	12:03:59.99	-00:00:00.2	J2000.00	1.141	180.0	00:08:40.0	599.5	i	Sloan	
213940	wfsngc063 r	12:04:00.00	+00:00:00.0	J2000.00	1.141	180.0	00:19:47.3	599.5	r	Sloan	
213941	wfsngc063 Z	12:04:00.00	-00:00:00.0	J2000.00	1.143	180.0	00:30:55.8	599.5	z	Gunn	
213942	wfsngc077 KPB	12:32:00.00	+00:00:00.0	J2000.00	1.141	180.0	00:43:15.5	749.3	B	Kitt Peak	
213943	wfsngc078 KPB	12:34:00.00	+00:00:00.0	J2000.00	1.143	180.0	00:58:21.2	749.2	B	Kitt Peak	
213944	wfsngc079 KPB	12:36:00.00	+00:00:00.1	J2000.00	1.148	180.0	01:13:01.5	749.3	B	Kitt Peak	
213946	wfsngc080 B	12:38:00.00	-00:00:00.0	J2000.00	1.165	180.0	01:35:37.1	749.4	B	Kitt Peak	
213947	wfsngc075 KPB	12:28:00.00	-00:00:00.0	J2000.00	1.200	180.0	01:50:49.3	749.4	B	Kitt Peak	
213948	wfsngc076 KPB	12:30:00.00	+00:00:00.0	J2000.00	1.223	180.0	02:05:23.8	749.4	B	Kitt Peak	
213949	sa101-427 KPB	9:57:26.00	-00:17:16.0	J2000.00	2.379	180.0	02:19:22.6	10.1	B	Kitt Peak	Air mass !!
213950	sa101-427 g	9:57:26.00	-00:17:16.0	J2000.00	2.403	180.0	02:20:34.7	10.2	g	Sloan	
213951	sa101-427 i	9:57:25.99	-00:17:16.9	J2000.00	2.427	180.0	02:21:48.5	10.1	i	Sloan	
213952	sa101-427 r	9:57:25.99	-00:17:16.0	J2000.00	2.451	180.0	02:23:01.1	10.1	r	Sloan	
213953	sa101-427 Z	9:57:25.99	-00:17:16.0	J2000.00	2.475	180.0	02:24:13.5	10.1	z	Gunn	
213954	sa104-334 KPB	12:42:21.00	-00:40:28.0	J2000.00	1.238	180.0	02:26:35.9	10.1	B	Kitt Peak	
213955	sa104-334 g	12:42:20.99	-00:40:28.0	J2000.00	1.240	180.0	02:27:48.1	10.1	g	Sloan	
213956	sa104-334 i	12:42:21.00	-00:40:27.9	J2000.00	1.243	180.0	02:29:00.4	10.1	i	Sloan	
213957	sa104-334 r	12:42:21.00	-00:40:28.0	J2000.00	1.246	180.0	02:30:14.0	10.1	r	Sloan	
213958	sa104-334 Z	12:42:21.00	-00:40:27.9	J2000.00	1.249	180.0	02:31:28.2	10.1	z	Gunn	
213959	wfsngc106 KPB	13:30:00.00	+00:00:00.1	J2000.00	1.173	180.0	02:34:53.3	749.3	B	Kitt Peak	
213960	wfsngc107 KPB	13:32:00.00	+00:00:00.0	J2000.00	1.191	180.0	02:49:25.7	749.2	B	Kitt Peak	
213961	wfsngc108 KPB	13:33:59.99	+00:00:00.1	J2000.00	1.214	180.0	03:04:30.6	748.8	B	Kitt Peak	

213962	wfsngc109	KPB	13:35:59.99	-00:00:00.0	J2000.00	1.241	180.0	03:19:03.7	748.7	B	Kitt Peak
213963	wfsngc110	KPB	13:38:00.00	-00:00:00.0	J2000.00	1.272	180.0	03:33:36.5	749.3	B	Kitt Peak
213964	wfsngc121	r	14:00:00.00	+00:00:00.0	J2000.00	1.259	180.0	03:51:41.7	599.4	r	Sloan
213965	wfsngc122	r	14:01:59.99	-00:00:00.1	J2000.00	1.304	180.0	04:09:33.4	599.5	r	Sloan