INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20000313
TAPE NR: INTD4328
OBSERVER: J. Haynes, J. Davies
PROGRAMME: WFS
PATT/CAT REF.: WFS09
TELESCOPE OPERATOR:
SUPPORT ASTRONOMER:

TELESCOPE FOCUS: 46.05 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

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

WEATHER: (1st half) fair
(2nd half) bad
CLOUD COVER (%): (1st half) 10
(2nd half) 70
DUST (0-2): (1st half) 1
(2nd half) 1
SEEING (arcsec): (1st half) 1.5
(2nd half) 2.0

DOME OPENED (UT): 19:10

TEMPERATURE, HUMIDITY and WIND:

UT	Temp	Hum%	Wspd	Wdir
20:00	8.6	29	49	154
21:00	8.3	28	35	138
22:00	7.9	27	25	192
23:00	8.4	27	16	192
00:00	8.7	19	19	222
01:00	8.6	18	33	150
02:00	8.5	18	38	145
03:00	7.9	22	21	184
04:00	8.4	17	37	197
05:00	8.3	17	21	27

SUNSET(UT) 19:26
EVENING TWILIGHT(UT) 20:37
MORNING TWILIGHT(UT) 06:04
SUNRISE(UT) 07:15
MOON'S QUARTER (1-4) 2
DISK % OF ILLUM. 58
DARK TIME 09:27
TWILIGHT TIME 02:22
MOONRISE(UT) No moonrise within sunset-sunrise
MOONSET(UT) 02:59

TIME LOST(WEATHER): 4:30
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00

COMMENTS:
dust, cloud later

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments

211361	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	1.000	180.1	14:03:26.8	0.0	U		RGO
211362	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	1.000	180.1	19:15:60.2	0.0	U		RGO
211363	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	1.000	180.1	19:16:46.5	0.0	U		RGO
211364	Flat field	0:00:00.00	+00:00:00.0	B1950.00	1.000	180.1	19:19:47.6	45.1	B	Kitt	Peak
211365	Flat field	0:00:00.00	+00:00:00.0	B1950.00	1.000	180.1	19:22:00.5	25.1	B	Kitt	Peak
211366	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.151	180.1	19:38:15.0	3.1	U		RGO
211367	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.153	180.1	19:39:50.4	15.1	U		RGO
211368	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.167	180.1	19:51:44.6	60.0	B	Kitt	Peak
211369	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.170	180.1	19:54:03.9	60.1	B	Kitt	Peak
211370	Flat field	4:25:45.99	+54:09:02.9	B1950.00	1.174	180.1	19:57:07.0	70.0	r		Sloan
211371	Flat field	4:25:47.13	+54:09:13.1	B1950.00	1.178	180.1	19:59:45.9	90.1	r		Sloan
211372	Focus run	3:54:31.00	+00:32:05.1	J2000.00	1.472	180.1	20:19:40.0	10.1	g		Sloan
211373	sa98-670 g	6:52:12.00	-00:19:17.0	J2000.00	1.145	180.1	20:26:29.3	10.1	g		Sloan
211374	sa98-670 r	6:52:12.00	-00:19:17.0	J2000.00	1.145	180.1	20:27:41.7	9.6	r		Sloan
211375	sa98-670 i	6:52:11.99	-00:19:17.0	J2000.00	1.145	180.1	20:28:54.8	10.1	i		Sloan
211376	sa98-670 Z	6:52:12.00	-00:19:16.8	J2000.00	1.144	180.1	20:30:07.6	20.1	z		Gunn
211377	sa98-670 KPB	6:52:11.99	-00:19:17.0	J2000.00	1.144	180.1	20:31:30.4	10.1	B	Kitt	Peak
211378	sa98-670 U	6:52:11.99	-00:19:17.0	J2000.00	1.144	180.1	20:32:44.4	60.1	U		RGO
211379	sa101-427 g	9:57:26.00	-00:17:16.0	J2000.00	1.662	180.1	20:35:37.3	10.1	g		Sloan
211380	sa101-427 r	9:57:26.00	-00:17:15.9	J2000.00	1.653	180.1	20:36:52.9	10.1	r		Sloan
211381	sa101-427 i	9:57:25.99	-00:17:16.0	J2000.00	1.643	180.1	20:38:09.5	10.1	i		Sloan
211382	sa101-427 Z	9:57:26.00	-00:17:16.0	J2000.00	1.633	180.1	20:39:22.7	19.6	z		Gunn
211383	sa101-427 KPB	9:57:25.99	-00:17:16.0	J2000.00	1.624	180.1	20:40:46.5	10.1	B	Kitt	Peak
211384	sa101-427 U	9:57:26.00	-00:17:15.9	J2000.00	1.612	180.1	20:42:02.3	60.0	U		RGO
211385	wfsj0801+4019_015	7:57:44.79	+40:38:59.7	J2000.00	1.036	180.1	20:51:14.8	599.5	r		Sloan
211386	wfsj0801+4019_015	7:57:44.79	+40:39:00.0	J2000.00	1.030	180.1	21:02:28.7	599.6	g		Sloan
211387	wfsj0801+4019_013	7:57:47.09	+39:59:00.0	J2000.00	1.022	180.1	21:17:49.3	599.4	r		Sloan
211388	wfsj0801+4019_013	7:57:47.10	+39:58:59.9	J2000.00	1.020	180.1	21:29:00.3	599.4	g		Sloan
211389	wfsj0801+4019_014	7:57:45.90	+40:18:59.9	J2000.00	1.021	180.1	21:41:60.0	599.4	r		Sloan
211390	wfsj0801+4019_014	7:57:45.89	+40:19:00.0	J2000.00	1.022	180.1	21:53:17.6	599.0	g		Sloan
211391	wfsngc034	11:06:00.00	+00:00:00.0	J2000.00	1.442	180.1	22:12:53.3	749.4	B	Kitt	Peak
211392	wfsngc035	11:07:59.99	+00:00:00.0	J2000.00	1.380	180.1	22:28:33.6	749.2	B	Kitt	Peak
211393	wfsngc042	11:21:59.99	-00:00:00.1	J2000.00	1.374	180.1	22:44:11.0	749.3	B	Kitt	Peak
211394	wfsngc043	11:24:00.00	+00:00:00.0	J2000.00	1.323	180.1	22:59:44.6	749.2	B	Kitt	Peak
211395	wfsngc044	11:26:00.00	-00:00:00.0	J2000.00	1.281	180.1	23:15:16.9	749.2	B	Kitt	Peak
211396	wfsngc045	11:27:59.99	+00:00:00.0	J2000.00	1.246	180.1	23:30:43.6	749.4	B	Kitt	Peak
211397	sa101-427 g	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.1	23:45:46.3	10.1	g		Sloan
211398	sa101-427 r	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.1	23:47:06.6	10.2	r		Sloan
211399	sa101-427 i	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.1	23:48:21.5	10.1	i		Sloan
211400	sa101-427 Z	9:57:26.00	-00:17:16.0	J2000.00	1.144	180.1	23:49:36.7	20.1	z		Gunn
211401	sa101-427 KPB	9:57:26.00	-00:17:16.0	J2000.00	1.145	180.1	23:51:02.8	10.1	B	Kitt	Peak
211402	sa101-427 U	9:57:25.99	-00:17:16.0	J2000.00	1.145	180.1	23:52:17.7	60.1	U		RGO
211403	sa104-334 g	12:42:21.00	-00:40:28.0	J2000.00	1.454	180.1	23:54:53.4	10.1	g		Sloan
211404	sa104-334 r	12:42:21.00	-00:40:27.9	J2000.00	1.448	180.1	23:56:08.0	10.1	r		Sloan
211405	sa104-334 i	12:42:21.00	-00:40:28.0	J2000.00	1.442	180.1	23:57:21.4	10.1	i		Sloan
211406	sa104-334 Z	12:42:20.99	-00:40:27.9	J2000.00	1.436	180.1	23:58:35.4	20.1	z		Gunn
211407	sa104-334 KPB	12:42:20.99	-00:40:27.9	J2000.00	1.430	180.1	23:59:59.9	10.1	B	Kitt	Peak
211408	sa104-334 U	12:42:21.00	-00:40:28.0	J2000.00	1.422	180.1	00:01:16.3	60.1	U		RGO
211409	wfsngc046	11:29:59.99	-00:00:00.0	J2000.00	1.183	180.1	00:05:38.4	749.2	B	Kitt	Peak
211410	wfsngc047	11:31:59.99	-00:00:00.4	J2000.00	1.166	180.1	00:21:07.0	749.3	B	Kitt	Peak
211411	wfsngc048	11:34:00.00	-00:00:00.1	J2000.00	1.154	180.1	00:36:36.7	749.2	B	Kitt	Peak
211412	wfsngc049	11:36:00.00	-00:00:00.0	J2000.00	1.146	180.1	00:52:05.0	749.3	B	Kitt	Peak
211413	wfsngc050	11:38:00.00	-00:00:00.0	J2000.00	1.141	180.1	01:07:34.8	749.2	B	Kitt	Peak
211414	wfsngc051	11:40:00.00	+00:00:00.0	J2000.00	1.141	180.1	01:23:57.7	748.9	B	Kitt	Peak