INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010214
TAPE NR:
OBSERVER:             S. Hodgkin, P. Tzanavaris
PROGRAMME:            Wide Angle Survey
PATT/CAT REF.:        WFS9
TELESCOPE OPERATOR:   J. Rey
SUPPORT ASTRONOMER:   N. Walton

TELESCOPE FOCUS:      46.20 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

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

WEATHER:              (1st half) poor
                      (2nd half) poor
CLOUD COVER (%):      (1st half) 70
                      (2nd half) 70
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.2 - 2.0
                      (2nd half) 2.0 - 2.5

DOME OPENED (UT):     18:30
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	5.4	9	22.8	23.9	31	772.5	5.7	8.1	10.6	7	10
21:00	5.4	13	20.3	21.1	52	772.8	5.8	7.1	10.3	12	12
22:00	5.9	12	20.6	21.9	72	772.9	5.9	7.0	9.2	12	12
23:00	7.0	9	15.5	17.8	57	772.9	6.8	8.0	9.1	10	11
00:00	6.4	11	16.5	22.8	101	772.7	6.4	7.6	8.5	11	12
01:00	5.8	13	14.3	18.2	109	772.2	6.0	7.5	8.8	12	13
02:00	7.2	10	11.0	12.8	126	771.9	7.5	8.1	8.9	9	10
03:00	7.3	9	15.2	16.5	99	771.7	7.7	8.3	9.0	8	10
04:00	7.7	10	17.0	17.6	116	771.3	8.2	8.5	9.2	9	10
05:00	7.2	9	13.5	14.0	125	771.1	7.8	8.0	9.1	8	9
06:00	6.8	10	8.7	9.2	133	771.0	7.4	8.0	9.3	8	9

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SUNSET(UT)            19:08
EVENING TWILIGHT(UT)  20:20
MORNING TWILIGHT(UT)  06:31
SUNRISE(UT)           07:43
MOON'S QUARTER (1-4)  3
DISK % OF ILLUM.      51
DARK TIME             10:11
TWILIGHT TIME         02:24
MOONRISE(UT)          01:35
MOONSET(UT)           No moonset within sunset-sunrise

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

COMMENTS:
  Not feasible to carry out original programme. However, managed to detect
  a number of asteroids and comets.
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
248964	Bias	0:00:00.00	+00:00:00.0	B1950.00	4.466	180.0	14:10:14.2	0.0	g	Sloan	1 x 1	
248965	Bias	0:00:00.00	+00:00:00.0	B1950.00	4.467	180.0	14:18:39.0	0.0	U	RGO	1 x 1	
248966	Bias	0:00:00.00	+00:00:00.0	B1950.00	1.260	180.0	14:21:10.1	0.0	U	RGO	1 x 1	
248967	Bias frame	12:00:00.00	+25:00:00.0	A	1.026	180.0	14:36:45.7	0.0	U	RGO	1 x 1	
248968	Bias	0:00:00.00	+00:00:00.0	A	1.167	180.0	16:41:43.8	0.0	i	Sloan	1 x 1	
248969	Bias	0:00:00.00	+00:00:00.0	A	4.552	180.0	16:49:58.0	0.0	i	Sloan	1 x 1	
248970	Bias	0:00:00.00	+00:00:00.0	A	4.552	180.0	16:51:11.4	0.0	i	Sloan	1 x 1	
248971	Bias	0:00:00.00	+00:00:00.0	A	4.552	180.0	16:52:02.0	0.0	i	Sloan	1 x 1	
248972	Bias	0:00:00.00	+00:00:00.0	A	4.552	180.0	16:52:52.5	0.0	i	Sloan	1 x 1	
248973	Bias	0:00:00.00	+00:00:00.0	A	4.552	180.0	16:53:43.2	0.0	i	Sloan	1 x 1	
248974	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.168	180.0	19:18:56.5	2.0	U	RGO	1 x 1	
248975	Sky background	2:58:01.99	-00:05:30.0	J2000.00	1.172	180.0	19:22:14.9	9.1	U	RGO	1 x 1	
248976	Sky background	2:57:58.00	-00:06:30.0	J2000.00	1.175	180.0	19:24:59.7	10.1	U	RGO	1 x 1	
248977	Sky background	2:57:59.99	-00:05:59.9	J2000.00	1.178	180.0	19:26:49.3	15.1	U	RGO	1 x 1	
248978	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.180	180.0	19:29:01.0	4.9	g	Sloan	1 x 1	
248979	Flat field	2:58:02.00	-00:05:29.9	J2000.00	1.183	180.0	19:30:51.6	8.2	g	Sloan	1 x 1	
248980	Flat field	2:57:58.00	-00:06:29.9	J2000.00	1.186	180.0	19:32:39.8	13.8	g	Sloan	1 x 1	
248981	Sky background	2:58:00.00	-00:06:00.0	J2000.00	1.191	180.0	19:36:02.2	15.1	r	Sloan	1 x 1	
248982	Focus run	3:54:31.00	+00:31:05.1	J2000.00	1.148	180.0	20:02:51.6	10.1	i	Sloan	1 x 1	
248983	Focus run	3:54:31.00	+00:31:05.1	J2000.00	1.158	180.0	20:13:39.7	10.1	i	Sloan	1 x 1	
248984	sa95-330 g	3:54:30.99	+00:29:04.9	J2000.00	1.170	180.0	20:22:14.0	10.1	g	Sloan	1 x 1	
248985	sa95-330 r	3:54:31.00	+00:29:05.0	J2000.00	1.171	180.0	20:23:39.5	9.7	r	Sloan	1 x 1	
248986	sa95-330 i	3:54:31.00	+00:29:04.9	J2000.00	1.173	180.0	20:25:04.6	9.6	i	Sloan	1 x 1	
248987	sa95-330 Z	3:54:31.00	+00:29:05.0	J2000.00	1.175	180.0	20:26:30.5	20.1	z	Gunn	1 x 1	
248988	sa95-330 U	3:54:31.00	+00:29:05.0	J2000.00	1.179	180.0	20:28:35.3	60.1	U	RGO	1 x 1	
248989	wfsj0801+4019_001	7:55:16.10	+38:59:00.0	J2000.00	1.226	180.0	20:37:24.3	599.5	r	Sloan	1 x 1	
248990	wfsj0801+4019_001	7:55:16.09	+38:59:00.0	J2000.00	1.191	180.0	20:49:53.4	599.4	g	Sloan	1 x 1	
248991	wfsj0801+4019_001	7:55:16.09	+38:59:00.0	J2000.00	1.153	180.0	21:02:23.0	999.1	U	RGO	1 x 1	
248992	wfsj0801+4019_002	7:55:14.20	+39:19:00.1	J2000.00	1.115	180.0	21:22:34.6	898.8	r	Sloan	1 x 1	
248993	wfsj0801+4019_002	7:55:14.20	+39:19:00.1	J2000.00	1.088	180.0	21:39:07.8	899.0	g	Sloan	1 x 1	Seeing > 5
248994	wfsj0801+4019_002	7:55:14.19	+39:19:00.0	J2000.00	1.065	180.0	21:55:56.2	899.2	U	RGO	1 x 1	bad seeing
248995	wfsj0801+4019_003	7:55:12.40	+39:39:00.0	J2000.00	1.047	180.0	22:14:56.6	898.8	r	Sloan	1 x 1	bad seeing
248997	ngc2264	6:38:12.00	+09:56:59.8	B1950.00	1.066	180.0	22:43:38.4	20.1	r	Sloan	1 x 1	
248998	ngc2264	6:38:12.00	+09:30:00.0	B1950.00	1.074	180.0	22:51:06.0	60.1	r	Sloan	1 x 1	
249000	ngc2264	6:38:31.99	+09:28:00.2	B1950.00	1.092	180.0	23:08:33.5	299.9	r	Sloan	1 x 1	
249001	ngc2264	6:38:32.00	+09:28:00.0	B1950.00	1.104	180.0	23:18:04.5	299.8	g	Sloan	1 x 1	
249002	ngc2264	6:38:31.99	+09:28:00.0	B1950.00	1.117	180.0	23:27:31.5	299.7	i	Sloan	1 x 1	
249003	horse	5:38:07.00	-02:31:59.9	B1950.00	1.483	180.0	23:41:34.1	60.1	i	Sloan	1 x 1	
249004	horse	5:38:47.00	-02:28:59.8	B1950.00	1.560	180.0	23:51:39.9	599.5	i	Sloan	1 x 1	
249005	horse	5:38:46.99	-02:29:00.0	B1950.00	1.637	180.0	00:03:23.0	599.5	r	Sloan	1 x 1	
249006	horse	5:38:47.00	-02:28:59.9	B1950.00	1.726	180.0	00:14:59.1	599.4	g	Sloan	1 x 1	
249007	k25293	8:14:07.10	+44:35:00.0	J2001.12	1.053	180.0	00:30:03.9	60.0	r	Sloan	1 x 1	
249008	k25293	8:14:07.10	+44:35:00.0	J2001.12	1.054	180.0	00:32:48.5	60.1	r	Sloan	1 x 1	
249009	k25293	8:14:07.10	+44:35:00.0	J2001.12	1.056	180.0	00:35:26.5	60.1	r	Sloan	1 x 1	
249010	2000se45	9:41:19.00	-00:05:52.9	J2001.10	1.152	180.0	00:39:49.6	119.5	r	Sloan	1 x 1	
249011	2000se45	9:41:19.00	-00:05:53.0	J2001.10	1.150	180.0	00:43:07.9	120.1	r	Sloan	1 x 1	
249012	2000se45	9:41:19.00	-00:05:53.0	J2001.10	1.148	180.0	00:47:06.5	120.0	r	Sloan	1 x 1	
249013	2001BP61	8:05:24.99	-00:02:06.5	J2001.10	1.211	180.0	00:53:19.6	179.9	r	Sloan	1 x 1	
249014	2001BP61	8:05:25.00	-00:02:06.5	J2001.10	1.219	180.0	00:57:39.2	179.9	r	Sloan	1 x 1	
249015	2001BP61	8:05:25.00	-00:02:06.5	J2001.10	1.229	180.0	01:02:32.9	179.8	r	Sloan	1 x 1	
249016	2001BM61	10:04:21.99	+62:12:38.2	J2001.10	1.201	180.0	01:10:14.0	179.8	r	Sloan	1 x 1	
249017	2001BM61	10:04:21.99	+62:12:38.3	J2001.10	1.200	180.0	01:14:42.0	179.9	r	Sloan	1 x 1	
249018	2001BM61	10:04:21.99	+62:12:38.3	J2001.10	1.199	180.0	01:19:34.3	179.9	r	Sloan	1 x 1	
249019	1993UB	10:33:23.99	+62:53:51.0	J2001.10	1.215	180.0	01:26:26.3	179.9	r	Sloan	1 x 1	
249020	1993UB	10:33:24.00	+62:53:51.0	J2001.10	1.213	180.0	01:32:46.2	179.9	r	Sloan	1 x 1	
249021	sa101-427	9:57:25.99	-00:17:15.9	J2000.00	1.145	180.0	01:40:44.0	10.1	r	Sloan	1 x 1	
249022	sa101-427	9:57:26.00	-00:17:16.0	J2000.00	1.148	180.0	01:48:27.3	10.1	r	Sloan	1 x 1	
249023	1993UB	10:33:24.00	+62:53:50.8	J2001.10	1.208	180.0	01:56:39.7	179.9	r	Sloan	1 x 1	
249024	2000YG4	10:13:54.00	-10:56:25.1	J2001.10	1.305	180.0	02:04:09.0	120.1	r	Sloan	1 x 1	
249025	2000YG4	10:13:53.99	-10:56:25.4	J2001.10	1.308	180.0	02:09:13.7	120.0	r	Sloan	1 x 1	

249026	2000YG4	10:13:54.00	-10:56:25.3	J2001.10	1.311	180.0	02:12:50.0	120.0	r	Sloan	1 x 1
249027	1996XP19	10:17:25.00	+09:57:50.9	J2001.10	1.067	180.0	02:19:48.5	239.9	r	Sloan	1 x 1
249028	1996XP19	10:17:25.00	+09:57:50.9	J2001.10	1.070	180.0	02:25:12.3	239.8	r	Sloan	1 x 1
249029	1996XP19	10:17:25.00	+09:57:50.9	J2001.10	1.075	180.0	02:30:54.7	239.4	r	Sloan	1 x 1
249030	P2001CV8	10:50:28.00	+15:36:34.8	J2001.10	1.030	180.0	02:38:20.4	180.0	r	Sloan	1 x 1
249031	P2001CV8	10:50:28.00	+15:36:34.9	J2001.10	1.031	180.0	02:43:00.9	179.9	r	Sloan	1 x 1
249032	P2001CV8	10:50:28.00	+15:36:35.0	J2001.10	1.033	180.0	02:47:25.2	180.0	r	Sloan	1 x 1
249033	antisolar	9:57:47.00	+12:09:28.0	J2001.10	1.114	180.0	02:53:28.8	239.9	r	Sloan	1 x 1
249034	antisolar	9:57:46.99	+12:09:28.0	J2001.10	1.124	180.0	02:58:55.1	239.9	r	Sloan	1 x 1
249036	J98S36F	11:30:05.00	+11:29:40.1	J2001.10	1.048	180.0	03:11:16.1	179.9	r	Sloan	1 x 1
249037	J98S36F	11:30:05.00	+11:29:40.1	J2001.10	1.050	180.0	03:15:53.4	179.9	r	Sloan	1 x 1
249038	J98S36F	11:30:04.99	+11:29:40.1	J2001.10	1.051	180.0	03:20:21.4	179.9	r	Sloan	1 x 1
249039	K00P03D	10:26:06.00	-04:25:17.8	J2001.10	1.301	180.0	03:26:14.5	239.9	r	Sloan	1 x 1
249040	K00P03D	10:26:06.00	-04:25:17.8	J2001.10	1.321	180.0	03:33:46.4	240.0	r	Sloan	1 x 1
249041	K00P03D	10:26:06.00	-04:25:17.7	J2001.10	1.336	180.0	03:38:59.3	239.9	r	Sloan	1 x 1
249042	K00Y29G	14:08:43.00	+42:30:03.5	J2001.10	1.113	180.0	03:47:25.6	239.8	r	Sloan	1 x 1
249043	K00Y29G	14:08:42.99	+42:30:03.2	J2001.10	1.104	180.0	03:53:02.8	239.9	r	Sloan	1 x 1
249044	K00Y29G	14:08:43.00	+42:30:03.2	J2001.10	1.096	180.0	03:58:25.2	239.9	r	Sloan	1 x 1
249045	C2001A1	10:52:01.99	+39:06:42.9	J2001.10	1.095	180.0	04:06:30.2	179.9	r	Sloan	1 x 1
249046	C2001A1	10:52:01.99	+39:06:42.9	J2001.10	1.102	180.0	04:11:00.5	179.8	r	Sloan	1 x 1
249047	C2001A1	10:52:02.00	+39:06:42.9	J2001.10	1.110	180.0	04:15:27.4	180.0	r	Sloan	1 x 1
249048	1997GH3	12:49:33.00	-19:04:31.9	J2001.10	1.488	180.0	04:21:27.8	179.9	r	Sloan	1 x 1
249049	1997GH3	12:49:33.00	-19:04:32.0	J2001.10	1.489	180.0	04:25:51.7	179.9	r	Sloan	1 x 1
249050	1997GH3	12:49:33.00	-19:04:31.9	J2001.10	1.490	180.0	04:30:20.4	179.9	r	Sloan	1 x 1
249051	1995YV3	12:28:18.00	+30:26:25.9	J2001.10	1.012	180.0	04:36:17.9	239.9	r	Sloan	1 x 1
249052	1995YV3	12:28:18.00	+30:26:26.0	J2001.10	1.015	180.0	04:41:44.5	239.9	r	Sloan	1 x 1
249053	1995YV3	12:28:17.99	+30:26:26.0	J2001.10	1.021	180.0	04:49:42.4	239.9	r	Sloan	1 x 1
249054	2001CC21	15:02:50.00	+24:23:33.5	J2001.10	1.074	180.0	04:58:04.7	179.9	r	Sloan	1 x 1
249055	2001CC21	15:02:49.99	+24:23:33.5	J2001.10	1.067	180.0	05:02:32.2	180.0	r	Sloan	1 x 1
249056	2001CC21	15:02:50.00	+24:23:33.5	J2001.10	1.060	180.0	05:06:55.0	180.0	r	Sloan	1 x 1
249057	westerbork	11:29:37.00	+00:52:47.0	J2001.10	1.359	180.0	05:14:02.7	179.9	r	Sloan	1 x 1
249058	westerbork	11:29:36.99	+00:52:47.0	J2001.10	1.377	180.0	05:18:24.9	179.9	r	Sloan	1 x 1
249059	westerbork	11:29:37.00	+00:52:47.0	J2001.10	1.395	180.0	05:22:41.4	179.9	r	Sloan	1 x 1
249060	2000YQ29	13:59:01.99	+11:42:01.9	J2001.10	1.046	180.0	05:28:56.3	120.1	r	Sloan	1 x 1
249061	2000YQ29	13:59:02.00	+11:42:01.9	J2001.10	1.046	180.0	05:32:54.7	120.0	r	Sloan	1 x 1
249062	2000YQ29	13:59:02.00	+11:42:01.9	J2001.10	1.046	180.0	05:36:10.3	120.0	r	Sloan	1 x 1
249063	2000UQ30	14:29:27.00	+00:23:55.0	J2001.10	1.139	180.0	05:41:57.6	239.3	r	Sloan	1 x 1
249064	2000UQ30	14:29:27.00	+00:23:55.1	J2001.10	1.137	180.0	05:47:58.7	239.9	r	Sloan	1 x 1
249065	2000UQ30	14:29:27.00	+00:23:55.0	J2001.10	1.136	180.0	05:53:14.2	239.9	r	Sloan	1 x 1
249066	K25818	16:57:16.00	+36:55:30.7	J2001.10	1.168	180.0	06:02:18.8	120.0	r	Sloan 1	1 x 1
249067	K25818	16:57:16.00	+36:55:30.9	J2001.10	1.160	180.0	06:05:36.1	120.0	r	Sloan 1	1 x 1
249068	K25818	16:57:16.00	+36:55:31.0	J2001.10	1.152	180.0	06:09:02.0	120.0	r	Sloan 1	1 x 1
249069	C1999T1	17:01:40.00	+28:44:01.9	J2001.10	1.157	180.0	06:13:20.0	10.1	r	Sloan 1	1 x 1
249070	C1999T1	17:01:40.00	+28:44:02.0	J2001.10	1.149	180.0	06:16:17.4	30.1	r	Sloan 1	1 x 1
249071	C1999T1	17:01:39.99	+28:44:01.9	J2001.10	1.144	180.0	06:18:16.3	30.1	r	Sloan 1	1 x 1
249072	C1999T1	17:01:40.00	+28:44:02.0	J2001.10	1.137	180.0	06:21:15.1	30.1	r	Sloan 1	1 x 1
249073	C1999T1	17:01:40.00	+28:44:01.9	J2001.10	1.133	180.0	06:22:59.7	29.6	r	Sloan 1	1 x 1
249074	2001CB21	16:12:53.99	-15:40:54.0	J2001.10	1.494	180.0	06:26:50.7	80.1	r	Sloan 1	1 x 1
249075	2001CB21	16:12:54.00	-15:40:53.9	J2001.10	1.487	180.0	06:29:34.5	80.0	r	Sloan 1	1 x 1
249076	2001CB21	16:12:53.99	-15:40:53.9	J2001.10	1.480	180.0	06:32:11.5	80.0	r	Sloan 1	1 x 1