INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:              INT
DATE:                   20000307
TAPE NR:                INTD4319
OBSERVER:               J. Haynes, A. Kambas
PROGRAMME:              WFS
PATT/CAT REF.:          WFS09
TELESCOPE OPERATOR:
SUPPORT ASTRONOMER:

TELESCOPE FOCUS:        46.15 mm
CALIBRATE RESULTS:      not specified

INSTRUMENT:             WFC

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

WEATHER:                (1st half) FAIR
                        (2nd half) FAIR
CLOUD COVER (%):        (1st half) 0
                        (2nd half) 0
DUST (0-2):             (1st half) 1
                        (2nd half) 1
SEEING (arcsec):        (1st half) 2.5
                        (2nd half) 1.8

DOME OPENED (UT):       19:00

TEMPERATURE, HUMIDITY and WIND:
   UT   Temp  Hum%  Wspd  Wdir
20:00    5.7    19    34   155
21:00    6.3    17    26   144
22:00    6.8    16    26   169
23:00    6.6    17    27   161
00:00    7.7    12    25   151
01:00    7.4    14    19   166
02:00    7.2    11    29   154
03:00    7.5    11    26   179
04:00    7.7    10    28   181
05:00    7.4    10    39   177
06:00    7.3     9    36   158
07:00    8.3     7    47   157

SUNSET(UT)              19:22
EVENING TWILIGHT(UT)    20:33
MORNING TWILIGHT(UT)    06:11
SUNRISE(UT)             07:22
MOON'S QUARTER (1-4)    1
DISK % OF ILLUM.        5
DARK TIME               09:38
TWILIGHT TIME           02:22
MOONRISE(UT)            No moonrise within sunset-sunrise
MOONSET(UT)             20:47

TIME LOST(WEATHER):     00:00
TIME LOST(TECHNICAL):   1:30
TIME LOST(OTHER):       00:00

COMMENTS:
  Very poor seeing averaging higher than 2", improved before twilight
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
210905	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:00:58.8	1.1	i	Sloan			
210906	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:07:09.9	0.0	i	Sloan			
210907	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	18:28:35.3	0.0	B	Kitt Peak			
210908	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	18:29:21.8	0.0	B	Kitt Peak			
210909	Flat field	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	18:39:09.7	45.2	B	Kitt Peak			dome flat
210910	Flat field	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	18:42:03.4	44.1	B	Kitt Peak			dome flat
210911	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.129	180.1	19:37:56.6	2.9	r	Sloan			
210912	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.131	180.1	19:39:26.5	3.8	r	Sloan			no good
210913	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.132	180.1	19:40:58.8	7.6	B	Kitt Peak			
210914	Flat field	4:25:47.13	+54:09:13.0	B1950.00	1.133	180.1	19:42:40.1	11.8	B	Kitt Peak			
210915	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.135	180.1	19:44:36.5	12.1	g	Sloan			
210916	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.136	180.1	19:46:29.9	22.6	g	Sloan			
210917	Flat field	4:25:48.27	+54:09:22.9	B1950.00	1.139	180.1	19:48:59.9	63.0	B	Kitt Peak			
210918	wfsj0801+4019_015	7:57:44.79	+40:39:00.1	J2000.00	1.024	180.1	21:43:24.7	599.5	r	Sloan			
210919	wfsj0801+4019_015	7:57:44.80	+40:38:59.9	J2000.00	1.022	180.1	21:54:39.9	599.5	g	Sloan			
210920	wfsngc026	10:50:00.00	+00:00:00.0	J2000.00	1.501	180.1	22:09:07.5	749.2	B	Kitt Peak			
210921	wfsngc027	10:52:00.00	-00:00:00.0	J2000.00	1.431	180.1	22:24:42.5	749.3	B	Kitt Peak			
210922	wfsngc028	10:53:59.99	+00:00:00.0	J2000.00	1.372	180.1	22:40:14.6	749.2	B	Kitt Peak			
210924	sa101-427 g	9:57:26.00	-00:17:15.9	J2000.00	1.190	180.1	23:00:32.8	10.1	g	Sloan			
210925	sa101-427 r	9:57:26.00	-00:17:16.0	J2000.00	1.189	180.1	23:01:48.3	10.1	r	Sloan			
210926	sa101-427 i	9:57:26.00	-00:17:16.0	J2000.00	1.187	180.1	23:03:07.6	10.1	i	Sloan			
210927	sa101-427 Z	9:57:26.00	-00:17:15.9	J2000.00	1.185	180.1	23:04:23.2	20.1	z	Gunn			
210928	sa101-427 KPB	9:57:26.00	-00:17:16.0	J2000.00	1.183	180.1	23:05:47.2	10.1	B	Kitt Peak			
210929	sa101-427 U	9:57:26.00	-00:17:16.0	J2000.00	1.181	180.1	23:07:01.6	60.1	U	RGO			
210930	Focus run	9:57:25.99	-00:14:45.8	J2000.00	1.175	180.1	23:12:56.0	10.1	B	Kitt Peak			
210931	VIRGO347	12:22:59.89	+13:04:00.0	J2000.00	1.413	180.1	23:22:18.2	749.4	B	Kitt Peak			
210932	VIRGO348	12:25:07.20	+13:03:59.7	J2000.00	1.349	180.1	23:37:28.0	749.2	B	Kitt Peak			
210933	VIRGO367	12:22:59.19	+13:24:00.2	J2000.00	1.276	180.1	23:52:11.8	749.3	B	Kitt Peak			
210934	VIRGO368	12:25:06.69	+13:23:59.7	J2000.00	1.225	180.1	00:09:18.7	749.3	B	Kitt Peak			
210935	VIRGO388	12:25:06.19	+13:44:00.3	J2000.00	1.171	180.1	00:27:26.1	749.3	B	Kitt Peak			
210936	VIRGO407	12:22:57.90	+14:04:00.0	J2000.00	1.131	180.1	00:41:42.3	749.4	B	Kitt Peak			
210937	104-335 g	12:42:20.90	-00:33:08.9	J2000.00	1.297	180.1	00:58:17.4	10.1	g	Sloan			
210938	104-335 r	12:42:20.90	-00:33:09.0	J2000.00	1.293	180.1	00:59:33.2	10.1	r	Sloan			
210939	104-335 i	12:42:20.90	-00:33:09.0	J2000.00	1.290	180.1	01:00:47.8	10.1	i	Sloan			
210940	104-335 Z	12:42:20.90	-00:33:08.9	J2000.00	1.286	180.1	01:02:03.4	20.1	z	Gunn			
210941	104-335 KPB	12:42:20.90	-00:33:08.9	J2000.00	1.282	180.1	01:03:31.6	10.1	B	Kitt Peak			
210942	104-335 U	12:42:20.89	-00:33:08.9	J2000.00	1.277	180.1	01:04:45.7	60.1	U	RGO			
210943	VIRGO427	12:22:57.20	+14:24:00.0	J2000.00	1.078	180.1	01:12:27.7	749.2	B	Kitt Peak			
210944	VIRGO428	12:25:05.20	+14:24:00.0	J2000.00	1.063	180.1	01:27:15.5	749.4	B	Kitt Peak			
210945	VIRGO447	12:22:56.50	+14:43:59.8	J2000.00	1.046	180.1	01:42:30.0	749.3	B	Kitt Peak			
210946	VIRGO448	12:25:04.70	+14:44:00.0	J2000.00	1.037	180.1	01:58:09.5	749.4	B	Kitt Peak			
210947	VIRGO467	12:22:55.80	+15:03:59.9	J2000.00	1.030	180.1	02:13:21.3	749.3	B	Kitt Peak			
210948	101-330 g	9:56:20.60	-00:27:22.9	J2000.00	1.430	180.1	02:30:25.7	10.1	g	Sloan			
210949	101-330 r	9:56:20.60	-00:27:22.9	J2000.00	1.436	180.1	02:31:41.8	10.1	r	Sloan			
210950	101-330 i	9:56:20.60	-00:27:23.0	J2000.00	1.443	180.1	02:32:59.5	10.1	i	Sloan			
210951	101-330 Z	9:56:20.59	-00:27:22.9	J2000.00	1.449	180.1	02:34:13.7	20.1	z	Gunn			
210952	101-330 KPB	9:56:20.60	-00:27:22.9	J2000.00	1.455	180.1	02:35:36.8	10.1	B	Kitt Peak			
210953	101-330 U	9:56:20.59	-00:27:23.0	J2000.00	1.464	180.1	02:36:49.6	60.1	U	RGO			
210954	VIRGO468	12:25:04.20	+15:03:59.8	J2000.00	1.032	180.1	02:41:51.4	749.3	B	Kitt Peak			
210955	VIRGO487	12:22:54.99	+15:23:59.8	J2000.00	1.039	180.1	02:59:31.0	749.3	B	Kitt Peak			
210956	VIRGO488	12:25:03.60	+15:23:59.9	J2000.00	1.055	180.1	03:22:05.5	749.1	B	Kitt Peak			
210957	VIRGO507	12:22:54.20	+15:43:59.7	J2000.00	1.082	180.1	03:42:51.0	749.2	B	Kitt Peak			
210958	VIRGO387	12:22:58.59	+13:44:00.0	J2000.00	1.122	180.1	04:00:04.7	749.3	B	Kitt Peak			
210959	VIRGO508	12:25:03.10	+15:44:00.0	J2000.00	1.135	180.1	04:14:31.4	749.3	B	Kitt Peak			
210960	VIRGO527	12:22:53.50	+16:04:00.0	J2000.00	1.186	180.1	04:33:43.6	748.9	B	Kitt Peak			
210962	VIRGO528	12:25:02.50	+16:04:00.0	J2000.00	1.261	180.1	04:59:24.4	749.4	B	Kitt Peak			
210963	VIRGO528	12:25:02.50	+16:04:00.0	J2000.00	1.431	180.1	05:36:45.7	749.3	B	Kitt Peak			
210964	VIRGO567	12:22:51.80	+16:44:00.1	J2000.00	1.552	180.1	05:55:14.2	749.2	B	Kitt Peak			
210965	VIRGO568	12:25:01.29	+16:44:00.0	J2000.00	1.653	180.1	06:10:31.3	749.2	B	Kitt Peak			
210967	104-335 g	12:42:20.90	-00:33:09.0	J2000.00	2.008	180.1	06:29:15.8	10.1	g	Sloan			

210968	104-335 r	12:42:20.90	-00:33:08.9	J2000.00	2.024	180.1	06:30:32.2	10.1	r	Sloan
210969	104-335 i	12:42:20.90	-00:33:08.9	J2000.00	2.041	180.1	06:31:48.8	10.1	i	Sloan
210970	104-335 Z	12:42:20.90	-00:33:08.9	J2000.00	2.059	180.1	06:33:05.2	20.1	z	Gunn
210971	104-335 KPB	12:42:20.90	-00:33:09.0	J2000.00	2.077	180.1	06:34:30.5	10.1	B	Kitt Peak
210972	104-335 U	12:42:20.90	-00:33:09.0	J2000.00	2.100	180.1	06:35:43.9	60.0	U	RGO
210973	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.392	180.1	06:52:11.7	74.9	g	Sloan
210974	Flat field	16:47:52.50	-15:17:43.9	B1950.00	1.392	180.1	06:54:58.6	35.0	g	Sloan
210975	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.392	180.1	06:57:26.8	55.1	r	Sloan
210976	Flat field	16:47:53.19	-15:17:34.0	B1950.00	1.392	180.1	06:59:47.3	30.1	r	Sloan
210977	Flat field	16:47:52.50	-15:17:43.9	B1950.00	1.393	180.1	07:01:50.6	10.1	B	Kitt Peak
210978	Flat field	16:47:53.19	-15:17:33.9	B1950.00	1.393	180.1	07:03:25.6	5.2	B	Kitt Peak
210979	Flat field	16:47:52.49	-15:17:43.9	B1950.00	1.393	180.1	07:05:01.0	55.0	U	RGO
210980	Flat field	16:47:53.18	-15:17:34.0	B1950.00	1.394	180.1	07:07:23.6	25.1	U	RGO
210981	Flat field	16:47:51.80	-15:17:33.9	B1950.00	1.394	180.1	07:09:12.4	5.1	U	RGO