INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20000306
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) 1.8
(2nd half) 2.8

DOME OPENED (UT): 19:00

TEMPERATURE, HUMIDITY and WIND:

UT	Temp	Hum%	Wspd	Wdir
20:00	6.5	11	23	172
21:00	6.7	10	21	214
22:00	6.4	10	23	176
23:00	6.2	8	19	150
00:00	6.7	7	21	173
01:00	7.0	9	25	164
02:00	7.9	7	25	192
03:00	6.8	8	22	175
04:00	6.0	9	31	179
05:00	6.4	9	32	153
06:00	5.6	14	29	144

SUNSET(UT) 19:21
EVENING TWILIGHT(UT) 20:33
MORNING TWILIGHT(UT) 06:12
SUNRISE(UT) 07:23
MOON'S QUARTER (1-4) 1
DISK % OF ILLUM. 1
DARK TIME 09:39
TWILIGHT TIME 02:23
MOONRISE(UT) No moonrise within sunset-sunrise
MOONSET(UT) 19:49

TIME LOST(WEATHER): 00:00
TIME LOST(TECHNICAL): 5:30
TIME LOST(OTHER): 00:00

COMMENTS:
Very poor seeing averaging higher than 2"
Time lost due to autoguider loosing its ability to pick stars and due to telescope misspointing.
Two fault reports submited # 12878 and # 12879r

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
210834	Bias frame	22:00:00.00	+56:56:56.0	A	1.210	180.1	14:04:27.1	0.0	i	Sloan			
210835	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.1	18:50:13.8	0.0	B	Kitt Peak			
210836	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.1	18:51:01.0	0.0	B	Kitt Peak			
210837	Dome flat	0:00:00.00	+00:00:00.0	A	1.000	180.1	18:54:03.2	40.1	B	Kitt Peak			
210838	Dome flat	0:00:00.00	+00:00:00.0	A	1.000	180.1	18:55:32.2	40.1	B	Kitt Peak			
210839	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.1	18:58:17.8	0.0	B	Kitt Peak			
210840	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.1	18:59:05.2	0.0	B	Kitt Peak			
210841	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.124	180.1	19:34:00.3	15.1	r	Sloan			
210842	Flat field	4:25:45.99	+54:09:02.9	B1950.00	1.126	180.1	19:37:22.3	3.5	B	Kitt Peak			
210843	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.127	180.1	19:38:43.9	5.0	B	Kitt Peak			
210844	Flat field	4:25:47.13	+54:09:13.0	B1950.00	1.128	180.1	19:40:27.8	8.2	r	Sloan			
210845	Flat field	4:25:47.13	+54:08:52.9	B1950.00	1.130	180.1	19:42:06.4	13.5	r	Sloan			
210846	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.131	180.1	19:43:37.3	13.1	g	Sloan			
210847	Flat field	4:25:47.13	+54:08:53.0	B1950.00	1.132	180.1	19:44:59.9	18.2	g	Sloan			
210848	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.133	180.1	19:46:43.2	45.1	B	Kitt Peak			
210849	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.136	180.1	19:49:10.7	80.0	B	Kitt Peak			
210850	Focus run	9:57:26.00	-00:14:45.9	J2000.00	2.406	180.1	20:04:04.9	10.1	U	RGO			
210851	Focus run	9:57:26.00	-00:14:45.8	J2000.00	2.277	180.1	20:11:09.3	10.1	B	Kitt Peak			
210852	Focus run	9:57:26.00	-00:14:45.8	J2000.00	2.151	180.1	20:19:01.0	10.1	B	Kitt Peak			
210853	sa98-670 g	6:52:12.00	-00:19:16.9	J2000.00	1.158	180.1	20:29:01.7	9.6	g	Sloan			
210854	sa98-670 r	6:52:12.00	-00:19:17.0	J2000.00	1.157	180.1	20:30:21.4	10.1	r	Sloan			
210855	sa98-670 i	6:52:12.00	-00:19:17.0	J2000.00	1.155	180.1	20:31:46.8	10.1	i	Sloan			
210856	sa98-670 Z	6:52:12.00	-00:19:16.8	J2000.00	1.154	180.1	20:33:19.4	20.1	z	Gunn			
210857	sa98-670 KPB	6:52:12.00	-00:19:16.9	J2000.00	1.153	180.1	20:34:52.0	10.1	B	Kitt Peak			
210858	sa98-670 U	6:52:12.00	-00:19:17.0	J2000.00	1.152	180.1	20:36:20.6	59.6	U	RGO			
210859	wfsj0801+4019_013	7:57:47.10	+39:58:59.8	J2000.00	1.067	180.1	20:41:26.6	599.5	r	Sloan			
210860	wfsj0801+4019_013	7:57:47.10	+39:59:00.0	J2000.00	1.055	180.1	20:52:44.6	599.4	g	Sloan			
210861	wfsj0801+4019_014	7:57:45.90	+40:18:59.9	J2000.00	1.044	180.1	21:05:52.8	599.4	r	Sloan			
210862	wfsj0801+4019_014	7:57:45.90	+40:19:00.0	J2000.00	1.036	180.1	21:17:16.3	599.3	g	Sloan			
210863	sa98-670 g	6:52:11.99	-00:19:17.0	J2000.00	1.153	180.1	21:32:03.8	10.1	g	Sloan			
210864	sa98-670 r	6:52:11.99	-00:19:16.9	J2000.00	1.153	180.1	21:33:23.5	10.1	r	Sloan			
210865	sa98-670 i	6:52:12.00	-00:19:16.9	J2000.00	1.154	180.1	21:34:41.5	10.1	i	Sloan			
210866	sa98-670 Z	6:52:12.00	-00:19:17.0	J2000.00	1.155	180.1	21:36:02.4	20.1	z	Gunn			
210867	sa98-670 KPB	6:52:11.99	-00:19:17.0	J2000.00	1.156	180.1	21:37:32.7	10.1	B	Kitt Peak			
210868	sa98-670 U	6:52:12.00	-00:19:16.9	J2000.00	1.158	180.1	21:38:48.6	60.1	U	RGO			
210869	wfsngc016	5:15:00.00	+00:00:00.0	J2000.00	1.532	180.1	21:47:46.7	749.2	B	Kitt Peak			trailing (lost
210870	wfsngc041	11:20:00.00	-00:00:00.0	J2000.00	1.781	180.1	22:04:30.1	749.3	B	Kitt Peak			
210871	wfsngc017	10:32:00.00	+00:00:00.0	J2000.00	1.375	180.1	22:21:34.8	749.4	B	Kitt Peak			
210872	wfsngc018	10:34:00.00	+00:00:00.0	J2000.00	1.324	180.1	22:37:04.0	749.2	B	Kitt Peak			
210873	wfsngc019	10:36:00.00	+00:00:00.0	J2000.00	1.282	180.1	22:52:37.3	749.3	B	Kitt Peak			
210874	wfsngc020	10:37:59.99	+00:00:00.0	J2000.00	1.247	180.1	23:08:00.8	749.2	B	Kitt Peak			
210875	sa98-670 g	6:52:12.00	-00:19:16.9	J2000.00	1.416	180.1	23:28:03.0	10.1	g	Sloan			
210876	sa98-670 r	6:52:11.99	-00:19:16.9	J2000.00	1.422	180.1	23:29:19.7	10.1	r	Sloan			
210877	sa98-670 i	6:52:11.99	-00:19:16.9	J2000.00	1.427	180.1	23:30:33.6	10.1	i	Sloan			
210878	sa98-670 Z	6:52:12.00	-00:19:17.0	J2000.00	1.434	180.1	23:31:49.6	20.1	z	Gunn			
210879	sa98-670 KPB	6:52:11.99	-00:19:16.9	J2000.00	1.440	180.1	23:33:13.4	10.1	B	Kitt Peak			
210880	sa98-670 U	6:52:12.00	-00:19:17.0	J2000.00	1.448	180.1	23:34:27.8	60.1	U	RGO			
210881	VIRGO613S	6:09:12.30	+09:41:59.9	J2000.00	1.278	180.1	23:39:00.5	749.4	B	Kitt Peak			
210882	VIRGO612S	12:20:35.59	+19:04:00.2	J2000.00	1.231	180.1	23:54:36.2	749.4	B	Kitt Peak			
210883	VIRGO614S	12:20:34.60	+19:24:00.0	J2000.00	1.162	180.1	00:17:32.3	749.2	B	Kitt Peak			
210884	VIRGO615S	12:18:23.60	+19:44:00.2	J2000.00	1.117	180.1	00:33:44.3	749.3	B	Kitt Peak			
210885	VIRGO616S	12:20:33.60	+19:43:59.8	J2000.00	1.094	180.1	00:48:04.3	749.3	B	Kitt Peak			
210886	VIRGO615S	12:18:23.60	+19:43:59.9	J2000.00	1.066	180.1	01:03:55.9	749.3	B	Kitt Peak			
210887	VIRGO615S	12:18:23.60	+19:44:00.0	J2000.00	1.048	180.1	01:18:05.4	749.3	B	Kitt Peak			
210888	VIRGO615S	12:18:23.60	+19:43:59.9	J2000.00	1.034	180.1	01:31:53.4	749.3	B	Kitt Peak			
210889	VIRGO615S	12:18:23.60	+19:43:59.9	J2000.00	1.024	180.1	01:45:12.1	749.3	B	Kitt Peak			
210890	VIRGO615S	12:18:23.59	+19:43:59.9	J2000.00	1.018	180.1	01:58:31.0	749.3	B	Kitt Peak			
210891	VIRGO615S	12:18:23.60	+19:43:59.9	J2000.00	1.014	180.1	02:11:50.5	749.4	B	Kitt Peak			
210892	107-612 g	15:39:35.40	-00:15:08.0	J2000.00	1.813	180.1	02:26:47.6	10.1	g	Sloan			

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210893 107-612 r              15:39:35.40 -00:15:07.9 J2000.00 1.801 180.1 02:28:05.1     10.1        r      Sloan
210894 107-612 i              15:39:35.40 -00:15:07.9 J2000.00 1.788 180.1 02:29:22.7      9.6        i      Sloan
210895 107-612 Z              15:39:35.40 -00:15:08.0 J2000.00 1.776 180.1 02:30:39.0     20.1        z       Gunn
210896 107-612 KPB            15:39:35.39 -00:15:07.9 J2000.00 1.764 180.1 02:32:03.7     10.1        B  Kitt Peak
210897 107-612 U              15:39:35.40 -00:15:08.0 J2000.00 1.749 180.1 02:33:18.2     60.1        U        RGO
210898 VIRGO566               12:20:42.30 +16:43:59.9 J2000.00 1.034 180.1 03:08:47.2      5.1        B  Kitt Peak
210899 VIRGO608S              12:20:37.60 +18:24:00.0 J2000.00 1.209 180.1 04:54:13.4     10.1        B  Kitt Peak
210900 VIRGO608S              12:20:37.60 +18:23:59.9 J2000.00 1.226 180.1 04:59:35.8     10.1        B  Kitt Peak
210901 BRIGHT                 14:15:39.67 +19:10:56.7 J2000.00 1.057 180.1 05:38:05.0      2.1        r      Sloan
210902 BRIGHT                 14:14:53.08 +19:10:56.3 J2000.00 1.069 180.1 05:46:15.4      2.1        r      Sloan
210903 BRIGHT                 14:16:26.25 +19:10:56.3 J2000.00 1.072 180.1 05:49:18.2      2.1        r      Sloan
210904 VIRGO608S              12:20:37.60 +18:24:00.0 J2000.00 1.541 180.1 06:04:30.5     15.2        B  Kitt Peak
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