INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 19991209
TAPE NR:              INTD
OBSERVER:             Jasper Wall, Chris Blake
PROGRAMME:            INT WFC Survey
PATT/CAT REF.:        WFS10
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      46.0 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WFC FILTER WHEEL:     i,KPB,Z,R,V,r

WEATHER:              (1st half) FAIR
                      (2nd half) FAIR
CLOUD COVER (%):      (1st half)
                      (2nd half)
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.5
                      (2nd half) 1.5

DOME OPENED (UT):     18:20

TEMPERATURE, HUMIDITY and WIND:
   UT   Temp  Hum%  Wspd  Wdir
19:00    3.1    53    26   293
20:00    3.6    48    24   281
21:00    3.5    47    25   324
22:00    4.8    18    23   323
23:00    5.5    17    11     6
00:00    6.2    13    10    97
01:00    6.3    13    12   125
02:00    6.0    14     8   136
03:00    5.6    13     5   136
04:00    5.4    14     4   250
05:00    5.9    11    20    19
06:00    5.6    15    17    23
07:00    5.6    16    18    55

SUNSET(UT)            18:22
EVENING TWILIGHT(UT)  19:38
MORNING TWILIGHT(UT)  06:29
SUNRISE(UT)           07:45
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      3
DARK TIME             10:51
TWILIGHT TIME         02:32
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           19:51

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 01:40
TIME LOST(OTHER):     00:00

COMMENTS:
  Some time lost due to problems with telescope pointing.
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
203263	Bias frame	0:00:00.00	+00:00:00.0	A	1.521	180.0	14:05:29.5	0.0	z		Gunn		
203264	clive	0:00:00.00	+00:00:00.0	A	1.521	360.0	14:43:19.3	5.1	B	Kitt Peak			
203265	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.197	360.0	18:43:09.5	6.2	B	Kitt Peak			
203266	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.195	360.0	18:44:50.7	9.5	B	Kitt Peak			
203267	Flat field	23:54:08.90	+59:28:18.0	B1950.00	1.194	360.0	18:46:16.7	30.6	V		Harris		
203270	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.191	360.0	18:49:41.6	90.9	R		Harris		
203271	Flat field	23:54:08.89	+59:28:18.0	B1950.00	1.188	360.0	18:52:31.7	151.4	i		Sloan		
203272	Focus run	0:55:25.99	+00:53:19.1	J2000.00	1.213	360.0	19:30:32.5	10.1	R		Harris		
203273	SA92	0:55:25.99	+00:50:49.0	J2000.00	1.189	360.0	19:42:12.8	15.1	B	Kitt Peak			
203274	SA92V	0:55:25.99	+00:50:48.9	J2000.00	1.186	360.0	19:44:26.4	15.1	V		Harris		
203275	SA92R	0:55:26.00	+00:50:49.0	J2000.00	1.182	360.0	19:46:56.1	15.1	R		Harris		
203276	SA92r	0:55:26.00	+00:50:49.0	J2000.00	1.179	360.0	19:48:39.2	15.1	r		Sloan		
203277	SA92i	0:55:26.00	+00:50:49.0	J2000.00	1.176	360.0	19:50:51.9	15.1	i		Sloan		
203278	SA92z	0:55:25.99	+00:50:48.9	J2000.00	1.174	360.0	19:52:15.7	15.1	z		Gunn		
203279	M31-MICROFLD1_r	0:44:00.00	+41:33:59.9	J2000.00	1.047	180.0	21:34:16.9	699.3	r		Sloan		
203280	M31-MICROFLD1_i	0:44:00.00	+41:34:00.0	J2000.00	1.060	180.0	21:48:11.3	699.3	i		Sloan		
203281	M31-MICROFLD2_i	0:43:10.00	+40:58:14.9	J2000.00	1.074	180.0	22:02:34.5	699.3	i		Sloan		
203282	M31-MICROFLD2_r	0:43:09.99	+40:58:14.9	J2000.00	1.092	180.0	22:16:04.2	699.4	r		Sloan		
203283	I040_V_1	0:16:40.30	+34:59:34.0	J2000.00	1.177	180.0	22:34:58.3	999.0	V		Harris		
203284	I040_V_2tweak	0:16:40.30	+34:59:34.0	J2000.00	1.234	180.0	22:54:45.5	998.9	V		Harris		
203285	I040_V_3	0:16:40.30	+34:59:34.1	J2000.00	1.297	180.0	23:12:35.9	998.9	V		Harris		
203286	I040_B_1	0:16:40.31	+34:59:34.0	J2000.00	1.373	180.0	23:30:38.4	0.0	B	Kitt Peak			1000s some cloud
203287	I040_B_2	0:16:40.31	+34:59:34.0	J2000.00	1.459	180.0	23:48:41.3	0.0	B	Kitt Peak			900s seeing 3s
203288	I040_B_3	0:16:40.31	+34:59:34.1	J2000.00	1.555	180.0	00:04:45.8	0.0	B	Kitt Peak			900s seeing 3s
203289	H065_i_3	9:08:45.55	+40:26:01.3	J2000.00	1.752	180.0	00:28:51.9	0.0	i		Sloan		1100s
203290	H065_R_1	9:08:45.56	+40:26:01.3	J2000.00	1.601	180.0	00:48:25.9	0.0	R		Harris		1200s
203291	H065_R_2	9:08:45.55	+40:26:01.5	J2000.00	1.476	180.0	01:09:29.3	0.0	R		Harris		1200s
203292	H065_R_3	9:08:45.56	+40:26:01.4	J2000.00	1.374	180.0	01:30:49.5	0.0	R		Harris		1200s
203293	H065_V_1	9:08:45.56	+40:26:01.4	J2000.00	1.293	180.0	01:53:21.9	0.0	V		Harris		1000s
203294	H065_V_2	9:08:45.56	+40:26:01.4	J2000.00	1.234	180.0	02:11:40.1	0.0	V		Harris		1000s
203295	H065_V_3	9:08:45.56	+40:26:01.3	J2000.00	1.184	180.0	02:30:09.5	0.0	V		Harris		1000s
203296	H065_B_1	9:08:45.56	+40:26:01.4	J2000.00	1.143	180.0	02:49:06.8	0.0	B	Kitt Peak			900s cloud
203297	H065_B_2	9:08:45.56	+40:26:01.4	J2000.00	1.112	180.0	03:05:25.1	0.0	B	Kitt Peak			900s cloud
203298	H065_B_3	9:08:45.55	+40:26:01.4	J2000.00	1.087	180.0	03:21:30.5	0.0	B	Kitt Peak			900s cloud
203299	H053_z_1	9:08:05.72	+40:54:49.4	J2000.00	1.050	360.0	03:57:33.5	0.0	z		Gunn		600s
203300	H053_i_1	9:08:05.72	+40:54:49.4	J2000.00	1.038	360.0	04:08:45.4	0.0	i		Sloan		1100s
203301	H053_i_2	9:08:05.71	+40:54:49.4	J2000.00	1.028	360.0	04:28:17.2	0.0	i		Sloan		1100s
203302	H053_i_3	9:08:05.71	+40:54:49.4	J2000.00	1.024	360.0	04:47:39.4	0.0	i		Sloan		1100s
203303	H053_R_1	9:08:05.72	+40:54:49.4	J2000.00	1.024	360.0	05:07:13.9	0.0	R		Harris		1200s
203304	H053_R_2	9:08:05.71	+40:54:49.3	J2000.00	1.030	360.0	05:28:18.2	0.0	R		Harris		1200s
203305	H053_R_3	9:08:05.72	+40:54:49.3	J2000.00	1.042	360.0	05:49:20.4	0.0	R		Harris		
203306	H053_V_1	9:08:05.72	+40:54:49.5	J2000.00	1.072	360.0	06:22:02.3	0.0	V		Harris		
203307	GAMMA	16:33:54.99	+46:26:19.9	J2000.00	2.505	360.0	06:47:29.5	0.0	i		Sloan		
203308	Flat field	13:04:32.99	+29:50:48.9	B1950.00	1.107	360.0	07:06:46.9	0.0	R		Harris		
203309	Flat field	13:04:32.61	+29:50:49.0	B1950.00	1.101	360.0	07:09:39.3	0.0	R		Harris		
203310	Flat field	13:04:32.61	+29:50:48.9	B1950.00	1.097	360.0	07:12:29.5	0.0	i		Sloan		
203311	Flat field	13:04:32.23	+29:50:49.0	B1950.00	1.093	360.0	07:14:22.8	0.0	i		Sloan		
203312	Flat field	13:04:32.23	+29:50:49.0	B1950.00	1.090	360.0	07:16:01.7	0.0	r		Sloan		
203313	Flat field	13:04:31.84	+29:50:48.9	B1950.00	1.087	360.0	07:17:51.6	0.0	r		Sloan		
203314	Flat field	13:04:31.84	+29:50:49.0	B1950.00	1.084	360.0	07:19:26.5	0.0	V		Harris		
203315	Flat field	13:04:31.46	+29:50:49.0	B1950.00	1.082	360.0	07:20:59.8	0.0	V		Harris		
203316	Flat field	13:04:31.46	+29:50:49.0	B1950.00	1.079	360.0	07:22:33.2	0.0	z		Gunn		
203317	Flat field	13:04:31.07	+29:50:48.9	B1950.00	1.077	360.0	07:24:00.4	0.0	z		Gunn		
203318	Flat field	13:04:31.07	+29:50:49.0	B1950.00	1.075	360.0	07:25:24.1	0.0	B	Kitt Peak			
203319	Blank2 B	13:04:30.69	+29:50:48.9	B1950.00	1.072	360.0	07:26:59.2	0.0	B	Kitt Peak			
203320	Blank2 B	13:04:30.69	+29:50:48.9	B1950.00	1.070	360.0	07:28:25.8	0.0	B	Kitt Peak			