INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA) generated 2002 06 03 18:41

TELESCOPE	INT
DATE	20020602
OBSERVER/S	Cardwell,Zurita,Gudmunds
PROGRAMME	Local Group Census
PROPOSAL REF	WFS4
TELESCOPE OPERATOR	none
SUPPORT ASTRONOMER	none
TEL STATION / FOCUS	Prime / 43.97
INSTRUMENT/S	WFC
SUNSET (UT)	20:13
EVENING TWILIGHT (UT)	21:38
MORNING TWILIGHT (UT)	04:40
SUNRISE (UT)	06:05
%ILLUM. LUNAR DISK	50
DARK TIME (HRS)	07:02
TWILIGHT TIME (HRS)	02:50
MOONRISE (UT)	01:51
MOONSET (UT)	No moonset within sunset-sunrise

UT	AirT degC	Hum %	Wspd km/s	Gust km/s	Wdir deg	Press mbar	LocT degC	int.T degC	Mirr degC	LocRH %	int.RH %
21:00	10.0	27	16.0	19.1	326	771.6	10.0	14.9	15.0	27	19
22:00	9.5	27	16.8	17.6	323	771.9	9.5	11.6	14.5	27	22
23:00	9.2	26	19.7	20.3	318	772.3	9.2	11.0	13.3	26	22
00:00	8.9	28	11.1	11.7	333	772.6	8.9	10.3	12.2	28	22
01:00	10.2	17	12.1	12.5	285	772.7	10.2	10.9	12.7	17	16
02:00	9.6	22	17.6	18.0	283	772.1	9.6	10.9	12.3	22	18
03:00	8.9	26	15.4	17.2	314	771.6	8.9	10.3	12.7	26	21
04:00	9.2	29	21.9	24.4	284	771.1	9.2	10.5	12.0	29	25
05:00	8.3	28	16.9	18.0	279	770.9	8.3	9.9	12.2	28	24
06:00	8.0	19	20.5	23.6	330	770.7	8.0	9.1	11.8	19	18

TIME LOST weather	00:00
TIME LOST Technical	00:35
TIME LOST Other	00:00

WEATHER CONDITIONS (eg transparancy, dust, %cloud cover, seeing):
5% first half, seeing between 1 and 1.3

COMMENTS (causes of time lost, setup information eg CCD windows):

Run	Object	RA	Dec	Equinox	UT	Airm	Instr	Texp sec	Sky PA	Filters etc.	Slit	Grat	CenwA	Comments
304720	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	13:14	1.000	WFC	0.0	180	[SII]6725				
304721	test	0:00:00.00	+00:00:00.0	J2000.00	13:42	4.349	WFC	2.0	180	V				
304722	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:14	1.000	WFC	0.0	180	V				
304723	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:15	1.000	WFC	0.0	180	V				
304724	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:16	1.000	WFC	0.0	180	V				
304725	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:16	1.000	WFC	0.0	180	V				
304726	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:17	1.000	WFC	0.0	180	V				
304727	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:18	1.000	WFC	0.0	180	V				
304728	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:18	1.000	WFC	0.0	180	V				
304729	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:19	1.000	WFC	0.0	180	V				
304730	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:20	1.000	WFC	0.0	180	V				
304731	Bias	0:00:00.00	+00:00:00.0	J2000.00	19:20	1.000	WFC	0.0	180	V				

304732	skyflat O3	15:01:59.99	+29:55:00.0	J2000.00	20:13	1.349	WFC	6.1	180	[OIII]5007	saturated, no good
304733	test flat Ha	15:02:00.00	+29:55:00.0	J2000.00	20:16	1.340	WFC	1.2	180	Halpha	good
304734	skyflat Ha	15:02:00.00	+29:54:59.9	J2000.00	20:17	1.335	WFC	1.1	180	Halpha	
304735	skyflat Ha	15:02:00.77	+29:55:09.8	J2000.00	20:18	1.329	WFC	1.2	180	Halpha	
304736	skyflat Ha	15:02:01.54	+29:55:19.9	J2000.00	20:19	1.324	WFC	2.1	180	Halpha	
304737	skyflat o3	15:02:01.53	+29:55:19.9	J2000.00	20:21	1.318	WFC	2.6	180	[OIII]5007	
304738	skyflat o3	15:02:00.76	+29:55:09.9	J2000.00	20:22	1.313	WFC	3.1	180	[OIII]5007	
304739	skyflat o3	15:02:00.00	+29:55:00.0	J2000.00	20:23	1.307	WFC	3.6	180	[OIII]5007	
304740	skyflat Sty	15:01:59.99	+29:55:00.0	J2000.00	20:25	1.302	WFC	2.1	180	stromgren y	low, about 12000 ADU
304741	skyflat Sty	15:02:00.76	+29:55:09.9	J2000.00	20:26	1.296	WFC	6.1	180	stromgren y	
304742	skyflat Sty	15:02:01.53	+29:55:19.9	J2000.00	20:27	1.291	WFC	9.1	180	stromgren y	
304743	skyflat Sty	15:02:00.76	+29:55:09.9	J2000.00	20:28	1.286	WFC	12.1	180	stromgren y	
304744	skyflat g	15:02:00.77	+29:55:10.0	J2000.00	20:30	1.279	WFC	3.1	180	g	high level, about 42000 ADU
304745	skyflat g	15:01:59.99	+29:55:00.0	J2000.00	20:32	1.274	WFC	1.6	180	g	
304746	skyflat g	15:02:00.76	+29:55:10.0	J2000.00	20:33	1.269	WFC	4.0	180	g	
304747	skyflat g	15:02:01.53	+29:55:20.0	J2000.00	20:34	1.264	WFC	4.1	180	g	
304748	skyflat r	15:02:01.53	+29:55:20.0	J2000.00	20:36	1.258	WFC	6.6	180	r	
304749	skyflat r	15:02:00.77	+29:55:10.0	J2000.00	20:37	1.253	WFC	19.2	180	r	
304750	skyflat r	15:01:59.99	+29:54:59.9	J2000.00	20:39	1.248	WFC	29.6	180	r	
304751	skyflat i	15:02:00.00	+29:55:00.0	J2000.00	20:41	1.240	WFC	50.1	180	i	
304752	skyflat i	15:02:00.00	+29:55:00.0	J2000.00	20:43	1.232	WFC	60.0	180	i	
304753	skyflat i	15:02:00.00	+29:54:59.9	J2000.00	20:45	1.223	WFC	110.1	180	i	
304754	skyflat i	15:02:02.31	+29:55:30.0	J2000.00	20:49	1.211	WFC	180.0	180	i	
304755	Focus run	10:08:27.00	+12:21:00.1	J2000.00	21:11	1.292	WFC	15.1	180	Halpha	
304756	LeoI r 60s	10:08:27.00	+12:29:29.9	J2000.00	21:20	1.338	WFC	60.1	180	r	
304757	LeoI Ha	10:08:27.00	+12:29:30.0	J2000.00	21:29	1.434	WFC	1199.4	180	Halpha	seeing 1"
304758	LeoI r	10:08:27.00	+12:29:30.0	J2000.00	21:51	1.523	WFC	399.4	180	r	seeing 1.2"
304759	LeoI Ha	10:08:27.00	+12:29:29.9	J2000.00	21:59	1.635	WFC	1198.8	180	Halpha	seeing 1"
304760	LeoI r	10:08:26.99	+12:29:29.9	J2000.00	22:21	1.765	WFC	399.4	180	r	seeing 1.2"
304761	LeoI Ha	10:08:27.00	+12:29:30.0	J2000.00	22:29	1.934	WFC	1199.3	180	Halpha	vignetted!, 1.4"
304762	LeoI r	10:08:27.00	+12:29:30.0	J2000.00	22:51	2.090	WFC	50.5	180	r	not valid
304763	grb test V	15:15:04.10	-19:24:48.5	J2000.00	23:15	1.510	WFC	60.0	180	V	
304764	GRB020531 V	15:15:04.10	-19:24:48.5	J2000.00	23:20	1.503	WFC	599.7	180	V	seeing 1.2"
304765	GRB020531 V	15:15:04.10	-19:24:48.4	J2000.00	23:31	1.499	WFC	599.7	180	V	seeing 1.2"
304766	GRB020531 V	15:15:04.10	-19:24:48.4	J2000.00	23:43	1.499	WFC	599.7	180	V	
304770	GRB020531 V	15:15:04.10	-19:24:48.6	J2000.00	00:05	1.513	WFC	599.7	180	V	
304771	Uminor g	15:08:29.70	+67:24:51.9	J2000.00	00:33	1.300	WFC	399.9	180	g	seeing 0.9", NW
304772	Uminor r	15:08:29.69	+67:24:52.0	J2000.00	00:41	1.305	WFC	399.4	180	r	seeing 0.8"
304773	Uminor i	15:08:29.69	+67:24:52.0	J2000.00	00:49	1.312	WFC	399.8	180	i	
304774	Uminor g	15:08:29.70	+67:24:51.9	J2000.00	00:57	1.319	WFC	399.8	180	g	
304775	Uminor r	15:08:29.69	+67:24:52.0	J2000.00	01:04	1.326	WFC	399.8	180	r	
304776	Uminor i	15:08:29.70	+67:24:51.9	J2000.00	01:12	1.335	WFC	399.8	180	i	
304777	bd+33 ha #4	15:51:59.90	+32:56:53.0	J2000.00	01:24	1.035	WFC	30.1	180	Halpha	
304778	bd+33 ha #3	15:51:59.89	+33:07:53.1	J2000.00	01:28	1.039	WFC	30.1	180	Halpha	star on ccd#1
304779	bd+33 ha #1	15:51:59.90	+32:45:53.0	J2000.00	01:31	1.041	WFC	30.1	180	Halpha	star on ccd#3
304780	bd+33 ha #2	15:53:18.54	+32:56:51.5	J2000.00	01:35	1.045	WFC	30.1	180	Halpha	
304781	test NGC6822_SE	19:46:04.10	-14:56:10.9	J2000.00	01:40	1.833	WFC	30.1	180	Halpha	
304782	NGC6822_SE Ha	19:46:04.10	-14:56:10.9	J2000.00	02:02	1.637	WFC	1199.4	180	Halpha	
304783	NGC6822_SE r	19:46:04.10	-14:56:10.8	J2000.00	02:24	1.569	WFC	399.9	180	r	ellongated stars
304786	NGC6822_SE Ha	19:46:04.09	-14:56:11.0	J2000.00	03:11	1.423	WFC	1198.8	180	Halpha	seeing 0.9"
304788	NGC6822_SE r	19:46:04.10	-14:56:11.0	J2000.00	03:41	1.394	WFC	299.9	180	r	seeing 1.1"
304789	NGC6822_SE Ha	19:46:04.09	-14:56:11.0	J2000.00	03:48	1.385	WFC	1199.4	180	Halpha	
304790	NGC6822_SE r	19:46:04.10	-14:56:11.0	J2000.00	04:10	1.382	WFC	299.9	180	r	seeing 1.1"
304791	NGC6822_SE r	19:46:04.10	-14:56:11.0	J2000.00	04:27	1.387	WFC	300.0	180	r	seeing 1.1"
304792	NGC6822_SE r	19:46:04.09	-14:56:10.9	J2000.00	04:33	1.391	WFC	299.9	180	r	
304793	NGC6822_SE StY	19:46:04.10	-14:56:10.9	J2000.00	04:40	1.400	WFC	599.7	180	stromgren y	seeing 1"
304794	NGC6822_SE O3	19:46:04.10	-14:56:11.0	J2000.00	04:52	1.423	WFC	1199.3	180	[OIII]5007	
304795	feige110 Ha chi	23:19:58.39	-05:09:56.9	A	05:19	1.517	WFC	30.1	180	Halpha	crap, wrong position
304796	feige110 O3 chi	23:19:58.40	-05:09:57.0	A	05:20	1.509	WFC	30.1	180	r	wrong position and wrong filter used
304797	feige110 Ha chi	23:19:58.40	-04:58:57.1	A	05:28	1.467	WFC	30.1	180	Halpha	wrong position
304798	feige110 O3 chip	23:19:58.40	-04:58:57.0	A	05:30	1.460	WFC	29.6	180	r	wrong position and wrong filter used
304800	f110 Ha #4	23:19:58.40	-05:09:56.9	J2000.00	05:35	1.439	WFC	30.1	180	Halpha	

304802	f110 O3 #4	23:19:58.39	-05:09:57.0	J2000.00	05:38	1.426	WFC	30.1	180	[OIII]5007	
304803	f110 Ha #1	23:19:58.39	-04:58:57.0	J2000.00	05:40	1.416	WFC	30.1	180	Halpha	
304804	f110 O3 #1	23:19:58.40	-04:58:57.0	J2000.00	05:42	1.410	WFC	30.1	180	[OIII]5007	
304805	f110 Ha #3	23:19:58.39	-05:20:57.0	J2000.00	05:53	1.377	WFC	30.1	180	Halpha	saturated
304806	f110 O3 #3	23:19:58.39	-05:20:57.0	J2000.00	05:54	1.372	WFC	29.5	180	[OIII]5007	saturated
304808	ngc6833 Ha #4	19:49:46.59	+48:57:40.1	J2000.00	05:58	1.135	WFC	3.1	180	Halpha	
304809	sflat Ha	16:59:59.99	+41:00:00.1	J2000.00	06:02	1.813	WFC	2.1	180	Halpha	saturated
304811	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:23	4.557	WFC	0.0	180	Halpha	
304812	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:24	4.557	WFC	0.0	180	Halpha	
304813	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:24	4.557	WFC	0.0	180	Halpha	
304814	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:25	4.557	WFC	0.0	180	Halpha	
304815	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:26	4.557	WFC	0.0	180	Halpha	
304816	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:27	4.557	WFC	0.0	180	Halpha	
304817	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:27	4.557	WFC	0.0	180	Halpha	
304818	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:28	4.557	WFC	0.0	180	Halpha	
304819	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:29	4.557	WFC	0.0	180	Halpha	
304820	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:29	4.557	WFC	0.0	180	Halpha	
304821	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:30	4.557	WFC	0.0	180	Halpha	
304822	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:31	4.557	WFC	0.0	180	Halpha	
304823	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:32	4.557	WFC	0.0	180	Halpha	
304824	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:32	4.557	WFC	0.0	180	Halpha	
304825	Bias	0:00:00.00	+00:00:00.0	J2000.00	06:33	4.557	WFC	0.0	180	Halpha	