

UT Date 2004-05-15 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:06	07:29:17.0	+31:30:13	300	90	3.0	#64 Cluster In	4	
0002.DARK	900	23:21	07:44:24.9	+31:30:18	300	90	3.0	#64 Cluster In	4	
0003.DARK	900	0:25	08:47:58.8	+31:30:37	300	90	3.0	#64 Cluster In	4	
0004.DARK	900	0:40	09:03:09.2	+31:30:41	300	90	3.0	#64 Cluster In	4	
0005.DARK	900	0:55	09:18:18.0	+31:30:45	300	90	3.0	#64 Cluster In	4	
0006.DARK	900	1:10	09:33:28.7	+31:30:48	300	90	3.0	#64 Cluster In	4	
0007.DARK	900	1:25	09:48:35.5	+31:30:52	300	90	3.0	#64 Cluster In	4	
0008.DARK	900	1:40	10:03:45.6	+31:30:55	300	90	3.0	#64 Cluster In	4	
0009.DARK	900	1:55	10:18:55.5	+31:30:58	300	90	3.0	#64 Cluster In	4	
0010.DARK	900	2:10	10:34:05.3	+31:31:01	300	90	3.0	#64 Cluster In	4	
0011-0020.BIAS	0	3:10	11:18:49.6	+31:31:07	300	90	3.0	#64 Cluster In	4	
0021-0027.FLAT	6	3:12	11:21:14.5	+31:31:07	300	90	3.0	#64 Cluster In	4	
0028-0030.FLAT	6	3:13	11:21:52.8	+31:31:08	300	90	3.0	#64 Cluster In	4	
0031-0040.BIAS	0	3:16	11:25:08.4	+31:31:08	300	90	3.0	#64 Cluster In	2	
0041-0050.FLAT	12	3:20	11:29:15.2	+31:31:08	300	90	3.0	#64 Cluster In	2	
0051.Feige34	60	3:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.Feige34	60	3:53	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	3:54	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0054.c0139	420	3:55	11:24:11.6	34:02:49	300	90	3.0	#64 Cluster In	4	clouds, try again
0055.COMP	5	4:03	11:24:11.6	34:02:49	300	90	3.0	#64 Cluster In	4	

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0056.c0139	720	4:03	11:24:11.6	34:02:49	300	90	3.0	#64 Cluster In	4	
0057.COMP	5	4:15	11:24:11.6	34:02:49	300	90	3.0	#64 Cluster In	4	
0058.c0140	300	4:17	11:25:33.8	34:13:31	300	90	3.0	#64 Cluster In	4	
0059.COMP	5	4:22	11:25:33.8	34:13:31	300	90	3.0	#64 Cluster In	4	
0060.c0141	540	4:23	11:18:10.4	34:21:45	300	90	3.0	#64 Cluster In	4	
0061.COMP	5	4:32	11:18:10.4	34:21:45	300	90	3.0	#64 Cluster In	4	
0062.c0142	360	4:33	11:22:56.3	34:52:01	300	90	3.0	#64 Cluster In	4	
0063.COMP	5	4:40	11:22:56.3	34:52:01	300	90	3.0	#64 Cluster In	4	
0064.c0143	780	4:41	11:22:27.0	35:06:45	300	90	3.0	#64 Cluster In	4	
0065.COMP	5	4:54	11:22:27.0	35:06:45	300	90	3.0	#64 Cluster In	4	
0066.sn2004at	1200	5:06	10:58:45.1	+59:29:12	300	-50	3.0	#2 SN Observat	2	tilt=599
0067.COMP	12	5:27	10:58:45.1	+59:29:12	300	-50	3.0	#2 SN Observat	2	
0068.sn2004bd	1200	5:32	11:39:42.1	+31:54:31	300	100	3.0	#2 SN Observat	2	
0069.COMP	12	5:53	11:39:42.1	+31:54:31	300	100	3.0	#2 SN Observat	2	
0070.BDp262606	45	5:57	14:49:02.3	+25:42:09	300	-50	3.0	#56 Spectropho	2	
0071.BDp262606	45	5:58	14:49:02.3	+25:42:09	300	-50	3.0	#56 Spectropho	2	
0072.COMP	12	5:59	14:49:02.3	+25:42:09	300	-50	3.0	#56 Spectropho	2	
0073.BDp332642	50	6:03	15:50:03.0	33:05:49	300	94	3.0	#56 Spectropho	2	
0074.BDp332642	50	6:04	15:50:03.0	33:05:49	300	94	3.0	#56 Spectropho	2	
0075.COMP	12	6:05	15:50:03.0	33:05:49	300	94	3.0	#56 Spectropho	2	

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0076.FLAT	12	6:07	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	wait out clouds...
0077-0085.FLAT	12	6:11	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0086.155912-00400	900	9:00	16:01:48.5	-00:48:34	300	90	3.0	#84f Updated Z	2	combo setup, had to shorten for clouds...
0087.COMP	12	9:16	16:01:48.5	-00:48:34	300	90	3.0	#84f Updated Z	2	
0088.155912-00400	1200	9:31	16:01:48.5	-00:48:34	300	90	3.0	#84f Updated Z	2	
0089.COMP	12	9:52	16:01:48.5	-00:48:34	300	90	3.0	#84f Updated Z	2	
0090.160348+02180	1200	9:53	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	2	
0091.COMP	12	10:13	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	2	
0092-0101.BIAS	0	10:53	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	4	
0102-0111.FLAT	6	10:56	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	4	
0112-0121.BIAS	0	10:58	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	2	
0122-0131.FLAT	12	11:02	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	2	
0132-0141.DARK	900	13:22	16:06:18.6	+02:10:13	300	90	3.0	#84f Updated Z	2	