

UT Date 2004-09-09 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:27	01:29:02.5	+39:24:23	300	90	3.0	#84f Updated Z	4	
0011-0020.BIAS	0	1:43	01:29:02.5	+39:24:23	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	1:55	01:29:02.5	+39:24:23	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:59	01:29:02.5	+39:24:23	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	2:03	01:29:02.5	+39:24:23	300	90	3.0	#56 Spectropho	2	
0051.3C390.3	300	3:31	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	working some holes...
0052.3C390.3	300	3:37	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0053.3C390.3	300	3:42	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0054.COMP	12	3:47	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0055.BDp284211	90	3:55	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0056.BDp284211	90	3:57	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0057.COMP	12	3:59	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0058.K98-15	150	4:27	20:51:41.1	75:14:29	300	90	3.0	#156 Cepheus P	2	
0059.COMP	12	4:30	20:51:41.1	75:14:29	300	90	3.0	#156 Cepheus P	2	
0060.K98-17	300	4:33	20:52:13.3	77:50:37	300	90	3.0	#156 Cepheus P	2	need more cnts, get again
0061.COMP	12	4:39	20:52:13.3	77:50:37	300	90	3.0	#156 Cepheus P	2	
0062.K98-17	600	4:40	20:52:13.3	77:50:37	300	90	3.0	#156 Cepheus P	2	
0063.COMP	12	4:50	20:52:13.3	77:50:37	300	90	3.0	#156 Cepheus P	2	
0064.sn2004ao	900	4:55	17:28:09.3	+07:24:55	300	55	3.0	#2 SN Observat	2	row=86
0065.sn2004ao	900	5:10	17:28:09.3	+07:24:55	300	55	3.0	#2 SN Observat	2	

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0066.COMP	12	5:25	17:28:09.3	+07:24:55	300	55	3.0	#2 SN Observat	2	
0067.sn2004ef	1200	5:29	22:42:10.0	+19:59:40	300	-50	3.0	#2 SN Observat	2	
0068.COMP	12	5:50	22:42:10.0	+19:59:40	300	-50	3.0	#2 SN Observat	2	
0069.K98-21	420	5:57	20:54:53.1	78:47:02	300	89	3.0	#156 Cepheus P	2	
0070.COMP	12	6:04	20:54:53.1	78:47:02	300	89	3.0	#156 Cepheus P	2	
0071.IRAS20535+7439	210	6:06	20:53:06.3	74:50:35	300	89	3.0	#156 Cepheus P	2	
0072.COMP	12	6:10	20:53:06.3	74:50:35	300	89	3.0	#156 Cepheus P	2	
0073.2506_08	900	6:15	22:59:12.0	+13:36:05	300	40	3.0	#64 Galaxy For	2	orw=61-103, nice Halpha rot curve
0074.COMP	12	6:30	22:59:12.0	+13:36:05	300	40	3.0	#64 Galaxy For	2	
0075.2506_09	780	6:33	22:58:08.0	+13:45:08	300	90	3.0	#64 Galaxy For	2	
0076.COMP	12	6:46	22:58:08.0	+13:45:08	300	90	3.0	#64 Galaxy For	2	
0077.2506_10	720	6:47	22:57:55.8	+14:08:59	300	90	3.0	#64 Galaxy For	2	
0078.COMP	12	7:00	22:57:55.8	+14:08:59	300	90	3.0	#64 Galaxy For	2	
0079.2634_01	660	7:01	23:38:43.8	+26:25:31	300	90	3.0	#64 Galaxy For	2	
0080.COMP	12	7:13	23:38:43.8	+26:25:31	300	90	3.0	#64 Galaxy For	2	
0081.2634_02	960	7:26	23:35:40.7	+26:26:36	300	90	3.0	#64 Galaxy For	2	
0082.COMP	12	7:42	23:35:40.7	+26:26:36	300	90	3.0	#64 Galaxy For	2	
0083.2634_03	660	7:43	23:36:03.0	+26:27:20	300	90	3.0	#64 Galaxy For	2	
0084.COMP	12	7:55	23:36:03.0	+26:27:20	300	90	3.0	#64 Galaxy For	2	
0085.2634_04	480	7:56	23:41:57.5	+26:44:15	300	90	3.0	#64 Galaxy For	2	

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0086.COMP	12	8:05	23:41:57.5	+26:44:15	300	90	3.0	#64 Galaxy For	2	
0087.2634_05	600	8:06	23:35:16.0	+26:44:48	300	90	3.0	#64 Galaxy For	2	row=87
0088.COMP	12	8:17	23:35:16.0	+26:44:48	300	90	3.0	#64 Galaxy For	2	
0089.2634_06	900	8:18	23:41:59.5	+26:48:14	300	90	3.0	#64 Galaxy For	2	
0090.COMP	12	8:34	23:41:59.5	+26:48:14	300	90	3.0	#64 Galaxy For	2	
0091.M33xrb	900	8:36	01:33:41.6	30:32:20	300	90	3.0	#126 GRB	2	
0092.COMP	12	8:51	01:33:41.6	30:32:20	300	90	3.0	#126 GRB	2	
0093.003512p05560_c	1050	9:11	0:37:42.6	6:13:59	300	90	3.0	#113 Interacti	2	
0094.003512p05560_c	1050	9:28	0:37:42.6	6:13:59	300	90	3.0	#113 Interacti	2	
0095.COMP	12	9:46	0:37:42.6	6:13:59	300	90	3.0	#113 Interacti	2	
0096.004154p16320_c	1050	9:48	0:44:33.3	16:50:12	300	90	3.0	#113 Interacti	2	
0097.004154p16320_c	1050	10:05	0:44:33.3	16:50:12	300	90	3.0	#113 Interacti	2	
0098.COMP	12	10:23	0:44:33.3	16:50:12	300	90	3.0	#113 Interacti	2	
0099.014400p34320_e	1200	10:26	1:47:19.0	35:35:10	300	90	3.0	#113 Interacti	2	row=87
0100.014400p34320_e	1200	10:46	1:47:19.0	35:35:10	300	90	3.0	#113 Interacti	2	
0101.COMP	12	11:06	1:47:19.0	35:35:10	300	90	3.0	#113 Interacti	2	
0102.023654p10350_b	900	11:09	2:39:24.6	10:45:33	300	45	3.0	#113 Interacti	2	
0103.023654p10350_b	900	11:24	2:39:24.6	10:45:33	300	45	3.0	#113 Interacti	2	passing clouds, grrrr
0104.COMP	12	11:39	2:39:24.6	10:45:33	300	45	3.0	#113 Interacti	2	
0105.030230+05400	300	11:41	03:05:13.5	+05:51:15	300	90	3.0	#84f Updated Z	2	Halpha

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0106.COMP	12	11:47	03:05:13.5	+05:51:15	300	90	3.0	#84f Updated Z	2	
0107.025542+03400	900	11:48	02:58:22.1	+03:51:47	300	60	3.0	#84f Updated Z	2	
0108.COMP	12	12:04	02:58:22.1	+03:51:47	300	60	3.0	#84f Updated Z	2	
0109.031636+41230	420	12:06	03:19:51.6	+41:34:25	300	90	3.0	#84f Updated Z	2	
0110.COMP	12	12:14	03:19:51.6	+41:34:25	300	90	3.0	#84f Updated Z	2	
0111.Hiltner600	60	12:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0112.COMP	12	12:24	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0113-0117.sky	2	12:48	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0118.COMP	5	12:49	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0119-0128.BIAS	0	12:51	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0129-0138.FLAT	6	12:54	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0139-0148.BIAS	0	12:57	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0149-0158.FLAT	12	13:03	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0159-0168.DARK	900	15:21	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	