

UT Date 2009-09-11 Observers M CalkinsColl. Focus 1740 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	02:02	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	2	
0004-0013.BIAS	0	02:19	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	4	
0014-0033.FLAT	10	02:33	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	2	
0034-0043.BIAS	0	02:37	16:32:31.1	+31:31:30	300	89	3.0	#56 Spectropho	2	
0044.BDp332642	240	03:04	15:51:59.9	+32:56:54	300	79	3.0	#56 Spectropho	2	in and around clouds
0045.COMP	10	03:08	15:51:59.9	+32:56:54	300	79	3.0	#56 Spectropho	2	
0046.TCrB	15	03:20	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0047.TCrB	70	03:21	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	03:23	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0049.TCrB	120	03:24	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0050.COMP	10	03:26	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0051.AGDra	2	03:31	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0052.AGDra	15	03:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0053.AGDra	60	03:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0054.AGDra	90	03:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	03:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0056.DracoC1	1200	04:23	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0057.COMP	10	04:44	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	wait out clouds
0058.PUVu1	1	07:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0059.PUVu1	10	07:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

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0060.PUVul	60	07:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0061.COMP	10	07:09	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0062.CICyg	10	07:18	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0063.CICyg	30	07:19	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	07:21	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0065.ZAnd	1	07:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.ZAnd	5	07:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0067.ZAnd	30	07:25	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0068.COMP	10	07:26	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.BDp284211	120	07:31	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0070.BDp284211	120	07:33	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0071.COMP	10	07:36	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0072.BDp174708	23	07:39	22:11:31.4	+18:05:34	300	51	3.0	#56 Spectropho	2	
0073.BDp174708	23	07:40	22:11:31.4	+18:05:34	300	51	3.0	#56 Spectropho	2	
0074.COMP	10	07:41	22:11:31.4	+18:05:34	300	51	3.0	#56 Spectropho	2	
0075.N7331	180	07:45	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0076.COMP	10	07:49	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0077.20033878+2132359	600	08:00	20:03:38.8	+21:32:36	300	89	3.0	#141 Mapping t	2	
0078.COMP	10	08:10	20:03:38.8	+21:32:36	300	89	3.0	#141 Mapping t	2	
0079.20040005+6443546	480	08:18	20:04:00.1	+64:43:55	300	89	3.0	#141 Mapping t	2	

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0080.COMP	10	08:27	20:04:00.1	+64:43:55	300	89	3.0	#141 Mapping t	2	
0081.00272843+5222115	900	08:32	00:27:28.4	+52:22:12	300	89	3.0	#141 Mapping t	2	
0082.COMP	10	08:48	00:27:28.4	+52:22:12	300	89	3.0	#141 Mapping t	2	
0083.02485271-1139526	660	09:25	02:48:52.7	-11:39:53	300	89	3.0	#141 Mapping t	2	
0084.COMP	10	09:37	02:48:52.7	-11:39:53	300	89	3.0	#141 Mapping t	2	
0085.00454020+5511431	480	09:43	00:45:40.2	+55:11:43	300	89	3.0	#141 Mapping t	2	
0086.COMP	10	09:52	00:45:40.2	+55:11:43	300	89	3.0	#141 Mapping t	2	
0087.00511396+5313109	300	09:54	00:51:14.0	+53:13:11	300	89	3.0	#141 Mapping t	2	
0088.COMP	10	10:00	00:51:14.0	+53:13:11	300	89	3.0	#141 Mapping t	2	
0089.RAqr	1	10:04	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0090.RAqr	5	10:04	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0091.RAqr	10	10:04	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0092.COMP	10	10:05	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0093.EGAnd	1	10:08	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0094.EGAnd	5	10:09	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0095.EGAnd	10	10:10	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0096.COMP	5	10:12	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0097.AXPer	4	10:14	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0098.AXPer	30	10:14	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0099.AXPer	90	10:15	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	

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0100.COMP	10	10:18	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0101.sn2009ig	600	10:33	02:38:11.6	-01:18:45	300	89	3.0	#2 SN Observat	2	
0102.COMP	10	10:43	02:38:11.6	-01:18:45	300	89	3.0	#2 SN Observat	2	
0103.C003154.6+070307	720	11:13	00:31:54.7	+07:03:08	300	89	3.0	#188 Dwarf C S	2	
0104.COMP	10	11:26	00:31:54.7	+07:03:08	300	89	3.0	#188 Dwarf C S	2	
0105.C004526.0+244943	660	11:28	00:45:26.0	+24:49:44	300	89	3.0	#188 Dwarf C S	2	
0106.COMP	10	11:40	00:45:26.0	+24:49:44	300	89	3.0	#188 Dwarf C S	2	
0107.C002529.3+082920	1200	11:41	00:25:29.4	+08:29:20	300	89	3.0	#188 Dwarf C S	2	
0108.COMP	10	12:02	00:25:29.4	+08:29:20	300	89	3.0	#188 Dwarf C S	2	
0109.C030403.7+191131	900	12:04	03:04:03.8	+19:11:32	300	89	3.0	#188 Dwarf C S	2	
0110.COMP	10	12:19	03:04:03.8	+19:11:32	300	89	3.0	#188 Dwarf C S	2	
0111.HD19445	30	12:23	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0112.COMP	10	12:24	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0113.HD19445	15	12:24	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0114.COMP	10	12:25	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0115.HD19445	10	12:26	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0116.COMP	10	12:27	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0117-0126.BIAS	0	12:30	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0127-0146.FLAT	10	12:59	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0147-0158.DARK	900	15:53	05:01:47.2	+31:29:36	300	89	3.0	#56 Spectropho	2	