

UT Date 2012-09-15 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.DARK	900	01:39	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0010-0019.BIAS	0	01:57	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0020-0039.FLAT	7	02:10	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0040-0050.BIAS	0	02:13	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0051.hotwd001	1800	02:44	17:12:31.4	+72:26:52	600	89	1.5	#178 Low Mass	4	horrible seeing
0052.COMP	10	03:15	17:12:31.4	+72:26:52	600	90	1.5	0 Calibration	4	
0053.hotwd002	1200	03:17	17:28:01.4	+69:38:38	600	90	1.5	#178 Low Mass	4	
0054.COMP	10	03:38	17:28:01.4	+69:38:38	600	90	1.5	0 Calibration	4	
0055.hotwd007	1200	03:41	18:22:22.7	+22:08:15	600	90	1.5	#178 Low Mass	4	
0056.COMP	10	04:01	18:22:22.7	+22:08:15	600	90	1.5	0 Calibration	4	
0057.hotwd008	1020	04:03	18:27:05.5	+22:22:58	600	90	1.5	#178 Low Mass	4	
0058.COMP	10	04:21	18:27:05.5	+22:22:58	600	90	1.5	0 Calibration	4	
0059.hotwd010	480	04:23	18:40:59.3	+39:50:02	600	90	1.5	#178 Low Mass	4	
0060.COMP	10	04:31	18:40:59.3	+39:50:02	600	90	1.5	0 Calibration	4	
0061.hotwd011	1200	04:34	18:42:32.1	+20:34:21	600	90	1.5	#178 Low Mass	4	
0062.COMP	10	04:54	18:42:32.1	+20:34:21	600	90	1.5	0 Calibration	4	
0063.bcand952	900	05:02	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0064.COMP	10	05:18	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0065.bcand952	900	05:19	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0066.COMP	10	05:34	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	

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0067.bcand952	900	05:35	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0068.COMP	10	05:51	22:27:13.0	-09:30:01	600	89	1.5	0 Calibration	4	
0069.bcand952	900	05:51	22:27:13.0	-09:30:01	600	89	1.5	#178 Low Mass	4	
0070.COMP	10	06:07	22:27:13.0	-09:30:01	600	89	1.5	0 Calibration	4	
0071.bcand952	900	06:08	22:27:13.0	-09:30:01	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	06:23	22:27:13.0	-09:30:01	600	89	1.5	0 Calibration	4	
0073.bcand952	900	06:26	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0074.COMP	10	06:41	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0075.bcand952	900	06:42	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0076.COMP	10	06:57	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0077.bcand952	900	06:58	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0078.COMP	10	07:13	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0079.bcand952	900	07:14	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0080.COMP	10	07:29	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0081.bcand952	900	07:31	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0082.COMP	10	07:47	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0083.bcand952	900	07:48	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0084.COMP	10	08:03	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0085.bcand952	900	08:04	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	seeing greatly improved
0086.COMP	10	08:19	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	

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0087.bcand952	900	08:20	22:27:13.0	-09:30:01	600	90	1.5	#178 Low Mass	4	
0088.COMP	10	08:35	22:27:13.0	-09:30:01	600	90	1.5	0 Calibration	4	
0089.Feige110	240	08:37	23:19:58.4	-05:09:56	600	90	1.5	#56 Spectropho	4	
0090.COMP	10	08:42	23:19:58.4	-05:09:56	600	90	1.5	0 Calibration	4	
0091-0100.FLAT	12	08:47	23:19:58.4	-05:09:56	600	90	1.5	0 Calibration	4	
0101.PSNJ23423882+2705315	1800	08:54	23:42:38.8	+27:05:31	300	0	3.0	#2 SN Observat	2	
0102.COMP	10	09:25	23:42:38.8	+27:05:31	300	0	3.0	0 Calibration	2	close for wind
0103.bcg001	720	10:36	01:10:38.5	+16:49:35	300	89	3.0	#210 Brightest	2	
0104.COMP	10	10:49	01:10:38.5	+16:49:35	300	89	3.0	0 Calibration	2	
0105.bcg002	420	10:50	01:12:33.3	+16:32:50	300	89	3.0	#210 Brightest	2	
0106.COMP	10	10:58	01:12:33.3	+16:32:50	300	90	3.0	0 Calibration	2	
0107.bcg003	900	10:59	01:15:17.1	+16:24:53	300	90	3.0	#210 Brightest	2	
0108.COMP	10	11:15	01:15:17.1	+16:24:53	300	90	3.0	0 Calibration	2	
0109.03212772+4048059	300	11:17	03:21:27.7	+40:48:06	300	60	3.0	#141 2Mass Red	2	
0110.COMP	10	11:23	03:21:27.7	+40:48:06	300	60	3.0	0 Calibration	2	
0111.03215557+2149375	600	11:26	03:21:55.6	+21:49:38	300	89	3.0	#141 2Mass Red	2	
0112.COMP	10	11:36	03:21:55.6	+21:49:38	300	90	3.0	0 Calibration	2	
0113.04141724+2312160	1800	11:38	04:14:17.2	+23:12:16	300	100	3.0	#141 2Mass Red	2	
0114.COMP	10	12:09	04:14:17.2	+23:12:16	300	100	3.0	0 Calibration	2	
0115.G191B2B	300	12:12	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	

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0116.COMP	10	12:17	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0117.HD19445	5	12:19	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0118.COMP	10	12:20	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0119-0128.BIAS	0	12:25	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0129-0148.FLAT	7	12:33	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0149-0158.BIAS	0	12:37	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	4	
0159-0168.DARK	900	14:56	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	