

UT Date 2013-10-05 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	00:48	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0007-0016.BIAS	0	01:06	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	4	
0017-0026.FLAT	4	01:08	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	4	
0028.BIAS	0	01:15	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	ccd crash, restarted
0029-0038.BIAS	0	01:17	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0039-0058.FLAT	7	01:23	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0059.HD192281	8	01:56	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0060.COMP	10	01:57	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0061.HD192281	8	01:58	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0062.HD192281	8	01:58	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0063.BDp404032	120	01:59	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	
0064.COMP	10	02:01	20:08:24.1	+41:15:04	300	89	3.0	0 Calibration	2	
0065.A01395.3	2400	02:06	16:09:31.6	+55:29:02	300	89	3.0	#216 Local Com	2	
0066.COMP	10	02:46	16:09:31.6	+55:29:02	300	89	3.0	0 Calibration	2	
0067.19482748+0931456	1200	02:50	19:48:27.5	+09:31:46	300	15	3.0	#141 2MASS Red	2	
0068.COMP	10	03:10	19:48:27.5	+09:31:46	300	15	3.0	0 Calibration	2	
0069.sn2013fn	1800	03:13	21:00:23.8	-14:29:52	300	15	3.0	#2 SN Observat	2	
0070.COMP	10	03:43	21:00:23.8	-14:29:52	300	15	3.0	0 Calibration	2	
0071.HPbcg075	2400	03:48	22:23:52.6	+17:16:21	300	90	3.0	#210 Brightest	2	
0072.COMP	10	04:28	22:23:52.6	+17:16:21	300	90	3.0	0 Calibration	2	

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0073.BDp284211	90	04:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	04:33	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0075.BDp284211	180	04:34	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	junk, no idea what happened
0076.BDp174708	90	04:38	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	04:39	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0078.BDp284211	150	04:41	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	04:44	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0080.HPbcg078	1898	04:48	22:35:29.1	+06:07:18	300	89	3.0	#210 Brightest	2	seeing not great
0081.COMP	10	05:20	22:35:29.1	+06:07:18	300	89	3.0	0 Calibration	2	
0082.HPbcg071	1800	05:23	22:23:31.6	-02:08:10	300	90	3.0	#210 Brightest	2	
0083.COMP	10	05:54	22:23:31.6	-02:08:10	300	90	3.0	0 Calibration	2	
0084.HPbcg087	1800	05:55	23:36:08.8	+05:14:39	300	90	3.0	#210 Brightest	2	
0085.COMP	10	06:26	23:36:08.8	+05:14:39	300	90	3.0	0 Calibration	2	
0086.Asteroid.69.Hesperia	300	06:28	00:14:05.7	+01:11:28	300	90	3.0	#173 Small Sol	2	
0087.COMP	10	06:33	00:14:05.7	+01:11:28	300	90	3.0	0 Calibration	2	
0088.Asteroid.69.Hesperia	300	06:34	00:14:05.7	+01:11:28	300	90	3.0	#173 Small Sol	2	
0089.Asteroid.69.Hesperia	300	06:39	00:14:05.7	+01:11:28	300	90	3.0	#173 Small Sol	2	
0090.COMP	10	06:44	00:14:05.7	+01:11:28	300	90	3.0	0 Calibration	2	
0091.HD1461	1	06:46	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0092.COMP	10	06:46	00:18:41.9	-08:03:11	300	90	3.0	0 Calibration	2	

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0093.HD1461	4	06:47	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0094.HD1461	4	06:47	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0095.HD1461	4	06:47	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0096.Asteroid.94.Aurora	450	06:49	00:17:25.9	+02:59:09	300	90	3.0	#173 Small Sol	2	
0097.COMP	10	06:57	00:17:25.9	+02:59:09	300	90	3.0	0 Calibration	2	
0098.Asteroid.94.Aurora	450	06:57	00:17:25.9	+02:59:09	300	90	3.0	#173 Small Sol	2	
0099.Asteroid.94.Aurora	450	07:05	00:17:25.9	+02:59:09	300	90	3.0	#173 Small Sol	2	
0100.COMP	10	07:13	00:17:25.9	+02:59:09	300	90	3.0	0 Calibration	2	
0101.M31	60	07:15	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0102.COMP	10	07:16	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0103.COMP	5	07:19	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	300 line, tiltpos 700, 3 sec, Spahr/Hergenrother red
0104-0118.FLAT	7	07:25	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0119.HD1461	4	07:27	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0120.COMP	10	07:27	00:18:41.9	-08:03:11	300	90	3.0	0 Calibration	2	
0121.HD1461	4	07:28	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0122.HD1461	4	07:28	00:18:41.9	-08:03:11	300	90	3.0	#173 Small Sol	2	
0123.Asteroid.69.Hesperia	300	07:31	00:14:05.7	+01:11:28	300	90	3.0	#173 Small Sol	2	
0124.COMP	10	07:36	00:14:05.7	+01:11:28	300	90	3.0	0 Calibration	2	
0125.Asteroid.69.Hesperia	300	07:37	00:14:05.7	+01:11:28	300	90	3.0	#173 Small Sol	2	
0126.Asteroid.69.Hesperia	300	07:42	00:14:05.7	+01:11:28	300	90	3.0	#173 Small Sol	2	

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0127.COMP	10	07:47	00:14:05.7	+01:11:28	300	90	3.0	0 Calibration	2	
0128.Asteroid.94.Aurora	450	07:49	00:17:24.3	+02:59:04	300	90	3.0	#173 Small Sol	2	
0129.COMP	10	07:57	00:17:24.3	+02:59:04	300	90	3.0	0 Calibration	2	
0130.Asteroid.94.Aurora	450	07:58	00:17:24.3	+02:59:04	300	90	3.0	#173 Small Sol	2	
0131.Asteroid.94.Aurora	450	08:06	00:17:24.3	+02:59:04	300	90	3.0	#173 Small Sol	2	
0132.COMP	10	08:14	00:17:24.3	+02:59:04	300	90	3.0	0 Calibration	2	
0133.HD19445	10	08:15	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0134.COMP	10	08:16	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0135.HD19445	25	08:17	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0136.HD19445	25	08:17	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0137.HD19445	25	08:18	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0138.COMP	5	08:20	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	test
0139.COMP	5	08:21	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	standard setup
0140.HPbcg094	2400	08:27	23:50:30.5	+29:15:05	300	90	3.0	#210 Brightest	2	
0141.COMP	10	09:08	23:50:30.5	+29:15:05	300	90	3.0	0 Calibration	2	
0142.HPbcg131	2400	09:09	23:48:53.1	+29:21:24	300	90	3.0	#210 Brightest	2	
0143.COMP	10	09:50	23:48:53.1	+29:21:24	300	90	3.0	0 Calibration	2	
0144.back34	1200	09:54	02:06:41.3	+15:26:08	300	110	3.0	#216 Local Com	2	
0145.COMP	10	10:14	02:06:41.3	+15:26:08	300	110	3.0	0 Calibration	2	
0146.back12	900	10:16	02:06:50.4	+15:24:17	300	109	3.0	#216 Local Com	2	

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0147.COMP	10	10:31	02:06:50.4	+15:24:17	300	109	3.0	0 Calibration	2	
0148.snj0503	1800	10:35	05:03:35.1	+01:34:17	300	40	3.0	#2 SN Observat	2	
0149.COMP	10	11:05	05:03:35.1	+01:34:17	300	40	3.0	0 Calibration	2	
0150.HPbcg012	1234	11:09	07:33:17.3	+31:28:11	300	86	3.0	#210 Brightest	2	
0151.COMP	10	11:30	07:33:17.3	+31:28:11	300	86	3.0	0 Calibration	2	
0152.HPbcg059	1800	11:32	07:30:58.1	+32:00:02	300	88	3.0	#210 Brightest	2	
0153.COMP	10	12:02	07:30:58.1	+32:00:02	300	88	3.0	0 Calibration	2	
0154.NGC1700	300	12:04	04:56:56.3	-04:51:57	300	90	3.0	#57 Velocity S	2	
0155.COMP	10	12:10	04:56:56.3	-04:51:57	300	90	3.0	0 Calibration	2	
0156.G191B2B	500	12:13	05:05:30.6	+52:49:52	300	110	3.0	#56 Spectropho	2	
0157.COMP	10	12:22	05:05:30.6	+52:49:52	300	110	3.0	0 Calibration	2	
0158.Hiltner600	150	12:24	06:45:13.4	+02:08:15	300	109	3.0	#56 Spectropho	2	
0159.COMP	10	12:27	06:45:13.4	+02:08:15	300	109	3.0	0 Calibration	2	
0160-0169.BIAS	0	12:31	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	4	
0170-0179.FLAT	4	12:33	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	4	
0180-0189.BIAS	0	12:35	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0190-0204.FLAT	7	12:40	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0205-0209.DARK	900	13:48	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0210-0214.DARK	900	15:04	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	4	