



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-05-29 Observers M Calkins

Coll. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:29	10:47:21.0	31:30:39	300	90	3.0		4	High dark count on first few files
0002-0004.DARK	900	2:15	11:32:48.0	31:30:40	300	90	3.0		4	
0005-0006.DARK	900	2:45	12:03:08.0	31:30:41	300	90	3.0		4	
0007-0016.BIAS	0	3:02	12:04:56.0	31:30:41	300	90	3.0		4	
0017-0026.FLAT	6	3:05	12:07:54.0	31:30:41	300	90	3.0		4	
0027-0036.BIAS	0	3:07	12:10:39.0	31:30:41	300	90	3.0		2	
0037-0046.FLAT	12	3:12	12:15:34.0	31:30:41	300	90	3.0		2	
0047.HZ44	120	3:12	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	4	
0048.HZ44	120	3:12	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	4	
0049.COMP	5	3:12	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	4	
0050.HZ44	120	3:12	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0051.HZ44	120	3:12	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	3:12	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0053.HZ44	120	3:12	13:21:19.0	36:23:39	300	74	3.0	#56 Spectropho	2	
0054.HZ44	120	3:12	13:21:19.0	36:23:39	300	74	3.0	#56 Spectropho	2	
0055.COMP	12	3:12	13:21:19.0	36:23:39	300	74	3.0	#56 Spectropho	2	
0056.N4486B	300	3:12	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0057.COMP	12	3:12	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	2	
0058.MRK421	120	3:12	11:04:27.4	+38:12:32	300	98	3.0	#6 AGN Monitor	2	
0059.MRK421	120	3:12	11:04:27.4	+38:12:32	300	98	3.0	#6 AGN Monitor	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	12	3:12	11:04:27.4	+38:12:32	300	98	3.0	#6 AGN Monitor	2	
0061.N4051	60	3:12	12:03:09.7	+44:31:53	300	-42	3.0	#6 AGN Monitor	2	
0062.N4051	60	3:12	12:03:09.7	+44:31:53	300	-42	3.0	#6 AGN Monitor	2	
0063.N4051	60	3:12	12:03:09.7	+44:31:53	300	-42	3.0	#6 AGN Monitor	2	
0064.COMP	12	3:12	12:03:09.7	+44:31:53	300	-42	3.0	#6 AGN Monitor	2	
0065.N4151	60	3:12	12:10:32.6	+39:24:21	300	-42	3.0	#6 AGN Monitor	2	
0066.N4151	60	3:12	12:10:32.6	+39:24:21	300	-42	3.0	#6 AGN Monitor	2	
0067.N4151	60	3:12	12:10:32.6	+39:24:21	300	-42	3.0	#6 AGN Monitor	2	
0068.COMP	12	3:12	12:10:32.6	+39:24:21	300	-42	3.0	#6 AGN Monitor	2	
0069.MRK279	60	3:12	13:51:53.6	69:33:13	300	5	3.0	#6 AGN Monitor	2	
0070.MRK279	60	3:12	13:51:53.6	69:33:13	300	5	3.0	#6 AGN Monitor	2	
0071.MRK279	60	3:12	13:51:53.6	69:33:13	300	5	3.0	#6 AGN Monitor	2	
0072.MRK279	60	3:12	13:51:53.6	69:33:13	300	5	3.0	#6 AGN Monitor	2	
0073.COMP	12	3:12	13:51:53.6	69:33:13	300	5	3.0	#6 AGN Monitor	2	
0074.N5548	90	3:12	14:17:59.6	+25:08:12	300	-56	3.0	#6 AGN Monitor	2	
0075.N5548	90	3:12	14:17:59.6	+25:08:12	300	-56	3.0	#6 AGN Monitor	2	
0076.N5548	90	3:12	14:17:59.6	+25:08:12	300	-56	3.0	#6 AGN Monitor	2	
0077.COMP	12	3:12	14:17:59.6	+25:08:12	300	-56	3.0	#6 AGN Monitor	2	
0078.TXCVn	15	3:12	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0079.TXCVn	45	3:12	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	



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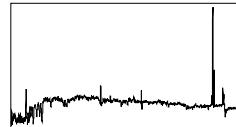
Coll. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.COMP	12	3:12	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0081.RWHya	5	3:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0082.RWHya	60	3:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	3:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0084.BD21d3873	300	3:12	14:16:34	-21:45:51	300	90	3.0	#12 Symbiotic	2	
0085.COMP	12	3:12	14:16:34	-21:45:51	300	90	3.0	#12 Symbiotic	2	
0086.BD21d3873	30	3:12	14:16:34	-21:45:51	300	90	3.0	#12 Symbiotic	2	
0087.COMP	12	3:12	14:16:34	-21:45:51	300	90	3.0	#12 Symbiotic	2	
0088.comaf_129	720	3:12	12:46:17.7	20:46:59	300	90	3.0	#64f Cluster I	2	
0089.COMP	12	3:12	12:46:17.7	20:46:59	300	90	3.0	#64f Cluster I	2	
0090.comaf_130	1200	3:12	12:57:57.6	28:03:42	300	90	3.0	#64f Cluster I	2	
0091.COMP	12	3:12	12:57:57.6	28:03:42	300	90	3.0	#64f Cluster I	2	
0092.comaf_131	270	3:12	12:51:46.1	34:58:39	300	90	3.0	#64f Cluster I	2	
0093.COMP	12	3:12	12:51:46.1	34:58:39	300	90	3.0	#64f Cluster I	2	
0094.comaf_132	1200	3:12	13:16:33.2	31:32:47	300	90	3.0	#64f Cluster I	2	
0095.COMP	12	3:12	13:16:33.2	31:32:47	300	90	3.0	#64f Cluster I	2	
0096.comaf_133	480	3:12	12:47:21.5	28:00:22	300	90	3.0	#64f Cluster I	2	
0097.COMP	12	3:12	12:47:21.5	28:00:22	300	90	3.0	#64f Cluster I	2	
0098.comaf_134	150	3:12	13:22:02.8	25:29:05	300	90	3.0	#64f Cluster I	2	star?
0099.COMP	12	3:12	13:22:02.8	25:29:05	300	90	3.0	#64f Cluster I	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.comaf_135	720	3:12	12:29:01.4	24:37:56	300	90	3.0	#64f Cluster I	2	
0101.COMP	12	3:12	12:29:01.4	24:37:56	300	90	3.0	#64f Cluster I	2	
0102.comaf_137	600	3:12	13:30:37.6	31:10:00	300	90	3.0	#64f Cluster I	2	
0103.COMP	12	3:12	13:30:37.6	31:10:00	300	90	3.0	#64f Cluster I	2	
0104.comaf_139	1200	3:12	12:59:40.0	34:48:51	300	90	3.0	#64f Cluster I	2	
0105.COMP	12	3:12	12:59:40.0	34:48:51	300	90	3.0	#64f Cluster I	2	
0106.comaf_140	1200	3:12	13:13:05.8	22:40:08	300	90	3.0	#64f Cluster I	2	
0107.COMP	12	3:12	13:13:05.8	22:40:08	300	90	3.0	#64f Cluster I	2	
0108.comaf_141	1020	3:12	12:49:01.4	27:10:45	300	90	3.0	#64f Cluster I	2	
0109.COMP	12	3:12	12:49:01.4	27:10:45	300	90	3.0	#64f Cluster I	2	
0110.comaf_142	210	3:12	13:20:15.4	33:17:53	300	90	3.0	#64f Cluster I	2	
0111.COMP	12	3:12	13:20:15.4	33:17:53	300	90	3.0	#64f Cluster I	2	
0112.comaf_143	1020	3:12	13:11:14.9	27:18:48	300	90	3.0	#64f Cluster I	2	
0113.COMP	12	3:12	13:11:14.9	27:18:48	300	90	3.0	#64f Cluster I	2	
0114.comaf_144	150	3:12	13:15:37.5	34:02:33	300	90	3.0	#64f Cluster I	2	
0115.COMP	12	3:12	13:15:37.5	34:02:33	300	90	3.0	#64f Cluster I	2	
0116.sn2001az	1200	3:12	16:34:27.7	76:01:46	300	-14	3.0	#2 SN Observat	2	
0117.COMP	12	3:12	16:34:27.7	76:01:46	300	-14	3.0	#2 SN Observat	2	
0118.sn2001bf	1200	3:12	18:01:33.9	26:15:02	300	-30	3.0	#2 SN Observat	2	row=75
0119.COMP	12	3:12	18:01:33.9	26:15:02	300	-30	3.0	#2 SN Observat	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.UKSCe1	1200	3:12	16:15:30	-22:12:15	300	90	3.0	#12 Symbiotic	2	
0121.COMP	12	3:12	16:15:30	-22:12:15	300	90	3.0	#12 Symbiotic	2	
0122.HD154791	1	3:12	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	2	
0123.HD154791	10	3:12	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	2	
0124.COMP	12	3:12	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	2	
0125.Hen1341	30	3:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0126.Hen1341	90	3:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0127.Hen1341	10	3:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0128.COMP	12	3:12	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0129.DracoC1	1200	3:12	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0130.COMP	12	3:12	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0131.M1m21	5	3:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	row=79
0132.M1m21	300	3:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	
0133.COMP	12	3:12	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	
0134.RTSer	10	3:12	17:39:52	-11:56:39	300	90	3.0	#12 Symbiotic	2	row=75
0135.RTSer	300	3:12	17:39:52	-11:56:39	300	90	3.0	#12 Symbiotic	2	
0136.COMP	12	3:12	17:39:52	-11:56:39	300	90	3.0	#12 Symbiotic	2	
0137.UUSer	120	3:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	row=75
0138.UUSer	600	3:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	
0139.COMP	12	3:12	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	



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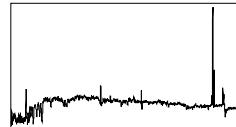
UT Date 2001-05-29 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0140.XX0ph	1	3:12	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0141.XX0ph	5	3:12	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0142.XX0ph	10	3:12	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0143.COMP	12	3:12	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0144.RSOph	5	3:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0145.RSOph	60	3:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0146.COMP	12	3:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0147.V2416Sgr	20	3:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0148.V2416Sgr	300	3:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0149.COMP	13	3:12	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0150.AS270	20	3:12	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0151.AS270	300	3:12	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0152.COMP	12	3:12	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0153.Hen1591	30	3:12	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0154.Hen1591	120	3:12	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0155.COMP	12	3:12	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0156.AS289	5	3:12	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0157.AS289	60	3:12	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0158.COMP	12	3:12	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0159.YYHer	10	3:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0160.YYHer	300	3:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0161.COMP	12	3:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0162.S149	30	3:12	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	2	
0163.S149	300	3:12	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	2	
0164.COMP	12	3:12	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	2	
0165.V443Her	3	3:12	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0166.V443Her	60	3:12	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0167.COMP	12	3:12	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0168.HD192281	5	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0169.HD192281	5	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0170.HD192281	5	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0171.COMP	12	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0172.HD192281	5	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0173.HD192281	5	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0174.HD192281	5	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0175.COMP	12	3:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0176.N7331	180	3:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0177.COMP	5	3:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0178-0182.sky	2	12:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0183.COMP	5	12:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0184-0193.BIAS	0	12:08	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0194-0203.FLAT	6	12:11	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0204-0213.BIAS	0	12:14	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0214-0223.FLAT	12	12:19	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0224-0238.DARK	900	15:57	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	