



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG



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UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
1-3.DARK	900	1:40	-	-	300	90	3.0	-		
4-13.BIAS	0	2:25	-	-	300	90	3.0	-		
14-23.FLAT	6	2:27	-	-	300	90	3.0	-		
24-33.BIAS	0	2:30	-	-	300	90	3.0	-		
34-43.FLAT	12	2:33	-	-	300	90	3.0	-		
0044.Feige34	90	2:49	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0045.Feige34	90	2:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0046.COMP	5	2:53	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0047.Feige34	90	2:55	10:36:41.2	43:21:50	300	58	3.0	#56 Spectropho		
0048.Feige34	90	2:57	10:36:41.2	43:21:50	300	58	3.0	#56 Spectropho		
0049.COMP	12	2:59	10:36:41.2	43:21:50	300	58	3.0	#56 Spectropho		
0050.N3377	60	3:00	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S		
0051.COMP	12	3:02	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S		
0052.BGGem	240	3:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0053.COMP	12	3:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0054.BGGem	1020	3:10	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0055.COMP	12	3:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0056.SN2001V	1200	3:54	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat		
0057.COMP	12	4:15	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat		
58-67.FLAT	40	4:19	11:57:25.0	25:12:10	600	90	2.0	#2 SN Observat		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.Feige34	120	4:30	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho		
0069.COMP	20	4:33	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho		
0070.hs192	830	4:35	11:53:01.3	29:09:43	600	90	2.0	#122 Halo Star		
0071.COMP	10	4:49	11:53:01.3	29:09:43	600	90	2.0	#122 Halo Star		
0072.hs193	900	4:50	11:53:40.5	29:06:58	600	90	2.0	#122 Halo Star		
0073.COMP	10	5:06	11:53:40.5	29:06:58	600	90	2.0	#122 Halo Star		
0074.hs194	960	5:07	11:54:18.3	29:21:20	600	90	2.0	#122 Halo Star		
0075.COMP	10	5:23	11:54:18.3	29:21:20	600	90	2.0	#122 Halo Star		
0076.hs195	540	5:24	11:54:42.8	28:43:23	600	90	2.0	#122 Halo Star		
0077.COMP	10	5:34	11:54:42.8	28:43:23	600	90	2.0	#122 Halo Star		
0078.hs196	360	5:35	11:55:00.8	28:58:31	600	90	2.0	#122 Halo Star		
0079.COMP	10	5:41	11:55:00.8	28:58:31	600	90	2.0	#122 Halo Star		
0080.hs197	900	5:42	11:55:09.1	28:58:10	600	90	2.0	#122 Halo Star		
0081.COMP	10	5:58	11:55:09.1	28:58:10	600	90	2.0	#122 Halo Star		
0082.hs198	420	5:59	11:55:16.3	29:12:20	600	90	2.0	#122 Halo Star		
0083.COMP	10	6:06	11:55:16.3	29:12:20	600	90	2.0	#122 Halo Star		
0084.hs199	900	6:07	11:55:33.6	29:14:56	600	90	2.0	#122 Halo Star		
0085.COMP	10	6:23	11:55:33.6	29:14:56	600	90	2.0	#122 Halo Star		
0086.hs200	1020	6:24	11:56:07.0	29:14:55	600	90	2.0	#122 Halo Star		
0087.COMP	10	6:41	11:56:07.0	29:14:55	600	90	2.0	#122 Halo Star		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.hs201	840	6:42	11:56:29.0	28:59:32	600	90	2.0	#122 Halo Star		
0089.COMP	10	6:56	11:56:29.0	28:59:32	600	90	2.0	#122 Halo Star		
0090.hs202	240	6:57	11:57:21.2	28:46:45	600	90	2.0	#122 Halo Star		
0091.COMP	10	7:01	11:57:21.2	28:46:45	600	90	2.0	#122 Halo Star		
0092.hs203	1020	7:02	11:57:32.0	29:33:31	600	90	2.0	#122 Halo Star		
0093.COMP	10	7:20	11:57:32.0	29:33:31	600	90	2.0	#122 Halo Star		
0094.hs204	240	7:20	11:57:33.4	29:40:54	600	90	2.0	#122 Halo Star		
0095.COMP	10	7:25	11:57:33.4	29:40:54	600	90	2.0	#122 Halo Star		
0096.hs205	480	7:25	11:59:41.6	28:51:06	600	90	2.0	#122 Halo Star		
0097.COMP	10	7:34	11:59:41.6	28:51:06	600	90	2.0	#122 Halo Star		
0098.hs206	540	7:35	12:02:25.0	29:40:59	600	90	2.0	#122 Halo Star		
0099.COMP	10	7:44	12:02:25.0	29:40:59	600	90	2.0	#122 Halo Star		
0100.hs207	540	7:45	12:04:42.9	29:41:50	600	90	2.0	#122 Halo Star		
0101.COMP	10	7:54	12:04:42.9	29:41:50	600	90	2.0	#122 Halo Star		
0102.hs208	240	7:55	12:05:17.8	29:03:07	600	90	2.0	#122 Halo Star		
0103.COMP	10	8:00	12:05:17.8	29:03:07	600	90	2.0	#122 Halo Star		
0104.hs209	240	8:01	12:05:22.9	29:09:19	600	90	2.0	#122 Halo Star		
0105.COMP	10	8:05	12:05:22.9	29:09:19	600	90	2.0	#122 Halo Star		
0106.hs210	660	8:06	12:06:07.9	29:21:50	600	90	2.0	#122 Halo Star		
0107.COMP	10	8:17	12:06:07.9	29:21:50	600	90	2.0	#122 Halo Star		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.hs211	540	8:18	12:07:04.4	29:30:04	600	90	2.0	#122 Halo Star		
0109.COMP	10	8:27	12:07:04.4	29:30:04	600	90	2.0	#122 Halo Star		
0110.hs212	900	8:28	12:08:01.3	29:14:55	600	90	2.0	#122 Halo Star		
0111.COMP	10	8:44	12:08:01.3	29:14:55	600	90	2.0	#122 Halo Star		
0112.hs213	900	8:45	12:08:43.4	29:14:45	600	90	2.0	#122 Halo Star		
0113.COMP	10	9:00	12:08:43.4	29:14:45	600	90	2.0	#122 Halo Star		
0114.hs214	240	9:02	12:11:44.5	29:16:04	600	90	2.0	#122 Halo Star		
0115.COMP	10	9:06	12:11:44.5	29:16:04	600	90	2.0	#122 Halo Star		
0116.hs215	720	9:07	12:12:16.5	29:22:08	600	90	2.0	#122 Halo Star		
0117.COMP	10	9:20	12:12:16.5	29:22:08	600	90	2.0	#122 Halo Star		
0118.hs216	900	9:21	12:12:21.6	29:07:55	600	90	2.0	#122 Halo Star		
0119.COMP	10	9:36	12:12:21.6	29:07:55	600	90	2.0	#122 Halo Star		
0120.hs217	660	9:37	12:12:54.3	29:38:44	600	90	2.0	#122 Halo Star		
0121.COMP	10	9:49	12:12:54.3	29:38:44	600	90	2.0	#122 Halo Star		
0122.hs218	900	9:50	12:13:01.9	29:09:04	600	90	2.0	#122 Halo Star		
0123.COMP	10	10:05	12:13:01.9	29:09:04	600	90	2.0	#122 Halo Star		
0124.hs219	240	10:07	12:13:16.3	29:24:02	600	90	2.0	#122 Halo Star		
0125.COMP	10	10:11	12:13:16.3	29:24:02	600	90	2.0	#122 Halo Star		
0126.hs220	660	10:13	12:13:20.2	29:02:26	600	90	2.0	#122 Halo Star		
0127.COMP	12	10:24	12:13:20.2	29:02:26	600	90	2.0	#122 Halo Star		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.hs221	1200	10:25	12:14:13.9	29:21:52	600	90	2.0	#122 Halo Star		
0129.COMP	10	10:45	12:14:13.9	29:21:52	600	90	2.0	#122 Halo Star		
0130.HZ44	240	10:47	13:21:19.0	36:23:39	600	90	2.0	#56 Spectropho		
0131.COMP	10	10:51	13:21:19.0	36:23:39	600	90	2.0	#56 Spectropho		
0132.sn2001ay	1200	10:57	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0133.COMP	5	11:18	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0134.sn2001ay	1200	11:19	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0135.COMP	12	11:39	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0136.V2416Sgr	20	11:42	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic		
0137.V2416Sgr	360	11:42	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic		
0138.COMP	12	11:49	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic		
0139.AS270	20	11:50	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic		
0140.AS270	360	11:51	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic		
0141.COMP	12	11:57	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic		
142-146.sky	2	12:00	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
0147.COMP	5	12:35	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
148-157.BIAS	0	12:36	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
158-167.FLAT	6	12:38	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
168-177.BIAS	0	12:41	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
178-187.FLAT	12	12:44	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		



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UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

<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>
188-197.DARK	900	12:49	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		