



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG



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UT Date 2002-07-08 Observers P Berlind

Coll. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	21:04	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:31	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	8	2:35	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:38	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	2:42	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0051.sky	3	2:49	14:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of clouds
0052-0055.sky	3	2:49	14:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:50	14:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.id2669	900	5:21	19:59:51.8	35:25:42	300	90	3.0	#115 PMS NGC68	4	
0058.COMP	5	5:36	19:59:51.8	35:25:42	300	90	3.0	#115 PMS NGC68	4	
0059.id2919	900	5:37	19:58:18.3	35:20:10	300	90	3.0	#115 PMS NGC68	4	
0060.COMP	5	5:52	19:58:18.3	35:20:10	300	90	3.0	#115 PMS NGC68	4	
0061.id1073	840	5:53	20:07:27.4	35:37:37	300	90	3.0	#115 PMS NGC68	4	stop and go through clouds...
0062.COMP	5	6:08	20:07:27.4	35:37:37	300	90	3.0	#115 PMS NGC68	4	
0063.id1073	900	6:32	20:07:27.4	35:37:37	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	6:48	20:07:27.4	35:37:37	300	90	3.0	#115 PMS NGC68	4	
0065.id1201	900	8:14	20:07:16.4	35:55:13	300	90	3.0	#115 PMS NGC68	4	
0066.COMP	5	8:29	20:07:16.4	35:55:13	300	90	3.0	#115 PMS NGC68	4	
0067.id1240	600	8:30	20:07:11.5	35:39:11	300	90	3.0	#115 PMS NGC68	4	
0068.COMP	5	8:40	20:07:11.5	35:39:11	300	90	3.0	#115 PMS NGC68	4	



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0069.id1792	600	8:41	20:06:03.3	35:40:52	300	90	3.0	#115 PMS NGC68	4	
0070.COMP	5	8:51	20:06:03.3	35:40:52	300	90	3.0	#115 PMS NGC68	4	
0071.id2544	600	8:53	20:04:08.6	35:43:12	300	90	3.0	#115 PMS NGC68	4	
0072.COMP	5	9:03	20:04:08.6	35:43:12	300	90	3.0	#115 PMS NGC68	4	
0073.HD192281	5	9:04	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0074.HD192281	5	9:04	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0075.HD192281	5	9:04	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0076.COMP	5	9:05	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0077.BDp284211	90	9:06	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0078.BDp284211	120	9:08	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0079.COMP	10	9:11	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0080.id2753	720	9:12	19:59:18.8	35:11:40	300	100	3.0	#115 PMS NGC68	4	
0081.COMP	5	9:24	19:59:18.8	35:11:40	300	100	3.0	#115 PMS NGC68	4	
0082.id2826	600	9:25	19:58:52.2	35:06:51	300	100	3.0	#115 PMS NGC68	4	
0083.COMP	5	9:35	19:58:52.2	35:06:51	300	100	3.0	#115 PMS NGC68	4	
0084.id2828	1200	9:37	19:58:52.1	35:19:45	300	100	3.0	#115 PMS NGC68	4	
0085.COMP	5	9:57	19:58:52.1	35:19:45	300	100	3.0	#115 PMS NGC68	4	
0086.id2879	900	9:57	19:58:35.1	35:25:55	300	100	3.0	#115 PMS NGC68	4	
0087.COMP	5	10:13	19:58:35.1	35:25:55	300	100	3.0	#115 PMS NGC68	4	good hole in the clouds
0088.id1857	600	10:14	20:05:58.0	35:51:15	300	100	3.0	#115 PMS NGC68	4	



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0089.COMP	5	10:25	20:05:58.0	35:51:15	300	100	3.0	#115 PMS NGC68	4	
0090.sn2002dp	1200	10:28	23:28:30.1	+22:25:38	300	-50	3.0	#2 SN Observat	2	
0091.COMP	10	10:49	23:28:30.1	+22:25:38	300	-50	3.0	#2 SN Observat	2	
0092.N7331	180	10:51	22:34:46.9	+34:09:43	300	-50	3.0	#57 Velocity S	2	
0093.COMP	10	10:55	22:34:46.9	+34:09:43	300	-50	3.0	#57 Velocity S	2	clouds moving in again @ dawn
0094-0103.BIAS	0	10:58	22:34:46.9	+34:09:43	300	-50	3.0	#2 SN Observat	4	
0104-0113.FLAT	8	11:00	22:34:46.9	+34:09:43	300	-50	3.0	#2 SN Observat	4	
0114-0123.BIAS	0	11:03	22:34:46.9	+34:09:43	300	-50	3.0	#2 SN Observat	2	
0124-0133.FLAT	16	11:08	22:34:46.9	+34:09:43	300	-50	3.0	#2 SN Observat	2	
0134-0143.DARK	1200	14:12	22:34:46.9	+34:09:43	300	-50	3.0	#2 SN Observat	2	