



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2004-09-20 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	1:37	18:25:06.0	+31:29:34	300	90	3.0	#2 SN Observat	4	
0002.DARK	900	1:52	18:40:16.6	+31:29:28	300	90	3.0	#2 SN Observat	4	
0003.DARK	900	2:07	18:55:23.5	+31:29:22	300	90	3.0	#2 SN Observat	4	
0004.DARK	900	2:22	19:10:33.6	+31:29:17	300	90	3.0	#2 SN Observat	4	
0005.DARK	900	2:37	19:25:40.3	+31:29:11	300	90	3.0	#2 SN Observat	4	
0006.DARK	900	2:52	19:40:50.7	+31:29:05	300	90	3.0	#2 SN Observat	4	
0007.DARK	900	3:07	19:56:01.3	+31:29:00	300	90	3.0	#2 SN Observat	4	
0008.DARK	900	3:22	20:11:07.9	+31:28:55	300	90	3.0	#2 SN Observat	4	
0009.DARK	900	3:38	20:26:18.6	+31:28:50	300	90	3.0	#2 SN Observat	4	
0010.DARK	900	3:53	20:41:25.7	+31:28:46	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	5:45	22:19:16.4	+31:28:23	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	6	6:16	22:50:34.6	+31:28:19	300	90	3.0	#2 SN Observat	4	
0031-0035.BIAS	0	6:18	22:52:26.6	+31:28:19	300	90	3.0	#2 SN Observat	2	
0036-0040.BIAS	0	6:19	22:53:27.9	+31:28:18	300	90	3.0	#2 SN Observat	2	
0041-0050.FLAT	12	6:24	22:58:26.6	+31:28:18	300	90	3.0	#2 SN Observat	2	