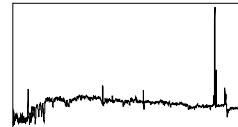




WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 12518

UT Date 2004-06-24 Observers Calkins

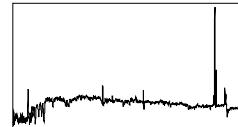
Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	2:14	13:00:15.9	+31:31:06	300	90	3.0	#64 Cluster In	4	
0002.DARK	900	2:15	13:16:33.8	+31:31:05	300	90	3.0	#64 Cluster In	4	
0003.DARK	900	2:30	13:31:43.6	+31:31:04	300	90	3.0	#64 Cluster In	4	
0004.DARK	900	2:45	13:46:53.1	+31:31:02	300	90	3.0	#64 Cluster In	4	
0005.DARK	900	3:00	14:01:59.4	+31:31:00	300	90	3.0	#64 Cluster In	4	
0006.DARK	900	3:15	14:17:09.8	+31:30:58	300	90	3.0	#64 Cluster In	4	
0007.DARK	900	5:18	16:19:58.5	+31:30:30	300	90	3.0	#64 Cluster In	4	
0008-0017.BIAS	0	5:42	16:29:06.2	+31:30:27	300	90	3.0	#64 Cluster In	4	
0018.FLAT	6	5:43	16:30:14.8	+31:30:27	300	90	3.0	#64 Cluster In	4	
0019-0027.FLAT	6	5:45	16:32:09.5	+31:30:26	300	90	3.0	#64 Cluster In	4	
0028-0033.BIAS	0	5:47	16:33:47.2	+31:30:26	300	90	3.0	#64 Cluster In	2	
0034-0037.BIAS	0	5:48	16:34:38.0	+31:30:25	300	90	3.0	#64 Cluster In	2	
0038-0041.FLAT	12	5:50	16:36:58.3	+31:30:25	300	90	3.0	#64 Cluster In	2	
0042-0047.FLAT	12	5:52	16:39:23.6	+31:30:24	300	90	3.0	#64 Cluster In	2	
0048.BDp332642	70	5:58	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	clouds everywhere
0049.BDp332642	70	5:59	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0050.COMP	12	6:01	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0051.c0257	1200	6:48	16:03:9.8	16:15:22	300	90	3.0	#64 Cluster In	2	
0052.COMP	12	7:09	16:03:9.8	16:15:22	300	90	3.0	#64 Cluster In	2	
0053.c0258	900	7:10	16:02:44.2	16:17:08	300	90	3.0	#64 Cluster In	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 12519

UT Date 2004-06-24 Observers CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	12	7:25	16:02:44.2	16:17:08	300	90	3.0	#64 Cluster In	2	
0055.c0259	600	7:26	16:05:54.0	16:20:10	300	90	3.0	#64 Cluster In	2	
0056.COMP	12	7:37	16:05:54.0	16:20:10	300	90	3.0	#64 Cluster In	2	
0057.c0260	1200	7:38	16:03:1.2	16:22:16	300	90	3.0	#64 Cluster In	2	row=83
0058.COMP	12	7:58	16:03:1.2	16:22:16	300	90	3.0	#64 Cluster In	2	
0059.sn2004ao	1200	8:05	17:28:09.3	+07:24:55	300	36	3.0	#2 SN Observat	2	row=79, tilt=594
0060.COMP	12	8:25	17:28:09.3	+07:24:55	300	36	3.0	#2 SN Observat	2	
0061.BDp284211	90	8:28	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0062.COMP	12	8:30	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0063.BDp284211	60	8:31	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0064.COMP	12	8:33	21:48:57.1	28:37:48	300	105	3.0	#56 Spectropho	2	
0065-0069.FLAT	12	8:36	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0070.COMP	5	8:38	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	test exposures
0071.COMP	5	8:50	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0072.COMP	5	8:51	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0073.COMP	5	8:53	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0074.COMP	5	8:54	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0075.COMP	5	8:56	21:48:57.1	28:37:48	300	90	3.0	#2 SN Observat	2	
0076.sc45_1594	300	9:02	18:03:07.0	-29:51:06	300	90	3.0	#152 ChaMPlane	2	
0077.COMP	12	9:07	18:03:07.0	-29:51:06	300	90	3.0	#152 ChaMPlane	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 12520

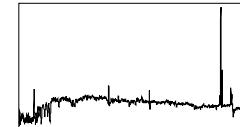
UT Date 2004-06-24 Observers CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.sc45_1224	600	9:10	18:03:34.9	-29:59:48	300	90	3.0	#152 ChaMPlane	2	row=76
0079.COMP	12	9:21	18:03:34.9	-29:59:48	300	90	3.0	#152 ChaMPlane	2	
0080.sc45_1581	600	9:24	18:03:42.5	-29:52:32	300	90	3.0	#152 ChaMPlane	2	row=77
0081.COMP	12	9:34	18:03:42.5	-29:52:32	300	90	3.0	#152 ChaMPlane	2	
0082.XS01883B0_003	360	9:40	18:27:06.0	-03:51:57	300	90	3.0	#152 ChaMPlane	2	clouds returning
0083.COMP	12	9:46	18:27:06.0	-03:51:57	300	90	3.0	#152 ChaMPlane	2	
0084.XS01883B3_005	600	9:50	18:27:39.5	-03:49:51	300	90	3.0	#152 ChaMPlane	2	
0085.XS01883B3_005	180	10:01	18:27:39.5	-03:49:51	300	90	3.0	#152 ChaMPlane	2	
0086.COMP	12	10:04	18:27:39.5	-03:49:51	300	90	3.0	#152 ChaMPlane	2	
0087.XS01954B0_001	1020	10:21	19:07:14.1	09:22:50	300	90	3.0	#152 ChaMPlane	2	clouds....
0088.COMP	12	10:39	19:07:14.1	09:22:50	300	90	3.0	#152 ChaMPlane	2	
0089.XS01954B1_002	300	10:40	19:07:30.3	09:17:53	300	90	3.0	#152 ChaMPlane	2	
0090.COMP	12	10:46	19:07:30.3	09:17:53	300	90	3.0	#152 ChaMPlane	2	
0091.XS01954B3_012	300	10:48	19:07:12.6	09:11:08	300	90	3.0	#152 ChaMPlane	2	row=79
0092.COMP	12	10:53	19:07:12.6	09:11:08	300	90	3.0	#152 ChaMPlane	2	
0093.XS01954B3_013	360	10:54	19:07:08.3	09:16:26	300	90	3.0	#152 ChaMPlane	2	
0094.COMP	12	11:01	19:07:08.3	09:16:26	300	90	3.0	#152 ChaMPlane	2	
0095.XS00755B3_002	150	11:05	22:25:06.2	65:42:10	300	90	3.0	#152 ChaMPlane	2	
0096.COMP	12	11:08	22:25:06.2	65:42:10	300	90	3.0	#152 ChaMPlane	2	
0097-0106.BIAS	0	11:36	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 12521

UT Date 2004-06-24 Observers CalkinsColl. Focus 1020 Grating/Grism 300

<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>
0107-0116.FLAT	6	11:39	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	4	
0117-0126.BIAS	0	11:52	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	2	
0127-0136.FLAT	12	11:56	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	2	
0137-0146.DARK	900	14:15	22:24:11.8	65:46:04	300	90	3.0	#152 ChaMPlane	2	