

UT Date 2001-01-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	0:30	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0007-0016.BIAS	0	0:49	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0017-0026.FLAT	6	0:52	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0027-0036.BIAS	0	0:55	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	
0037-0046.FLAT	12	0:59	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	
0047-0051.sky	2	1:04	08:26:41.2	17:22:34	300	90	3.0	#57 Velocity S	4	
0052.COMP	5	1:05	08:26:41.2	17:22:34	300	90	3.0	#57 Velocity S	4	
0053.Feige25	120	1:35	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0054.Feige25	120	1:37	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0055.COMP	5	1:39	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0056.Feige25	120	1:40	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0057.Feige25	120	1:42	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0058.COMP	12	1:45	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0059.Feige25	120	1:47	02:38:37.7	+05:28:11	300	-9	3.0	#56 Photometri	2	
0060.Feige25	120	1:49	02:38:37.7	+05:28:11	300	-9	3.0	#56 Photometri	2	
0061.COMP	12	1:51	02:38:37.7	+05:28:11	300	-9	3.0	#56 Photometri	2	
0062.M31	60	1:55	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	1:56	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0064.021846p565635	600	2:02	02:18:46.8	+56:56:35	300	90	3.0	#83 H+Chi Per	2	
0065.COMP	12	2:13	02:18:46.8	+56:56:35	300	90	3.0	#83 H+Chi Per	2	

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0066.021852p572015	780	2:14	02:18:52.6	+57:20:15	300	90	3.0	#83 H+Chi Per	2	
0067.COMP	12	2:28	02:18:52.6	+57:20:15	300	90	3.0	#83 H+Chi Per	2	
0068.021853p572105	900	2:30	02:18:53.6	+57:21:5	300	90	3.0	#83 H+Chi Per	2	
0069.COMP	12	2:45	02:18:53.6	+57:21:5	300	90	3.0	#83 H+Chi Per	2	
0070.021904p571800	900	2:47	02:19:4.4	+57:18:0	300	90	3.0	#83 H+Chi Per	2	
0071.COMP	12	3:02	02:19:4.4	+57:18:0	300	90	3.0	#83 H+Chi Per	2	
0072.sn2001I	1200	3:08	03:43:57.2	+39:17:39	300	45	3.0	#2 SN Observat	2	
0073.COMP	12	3:29	03:43:57.2	+39:17:39	300	45	3.0	#2 SN Observat	2	
0074.sn2001B	1200	3:37	04:57:19.2	+78:11:16	300	12	3.0	#2 SN Observat	2	
0075.COMP	12	3:57	04:57:19.2	+78:11:16	300	12	3.0	#2 SN Observat	2	
0076.Feige25	120	4:07	02:38:37.7	+05:28:11	300	43	3.0	#56 Photometri	2	
0077.COMP	12	4:09	02:38:37.7	+05:28:11	300	43	3.0	#56 Photometri	2	
0078.021908p565640	1020	4:13	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0079.COMP	12	4:30	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0080.021908p565640	600	4:31	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0081.COMP	12	4:42	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0082.021923p572047	900	4:44	02:19:23.4	+57:20:47	300	90	3.0	#83 H+Chi Per	2	terrible seeing!
0083.COMP	12	5:00	02:19:23.4	+57:20:47	300	90	3.0	#83 H+Chi Per	2	
0084.021927p565755	900	5:02	02:19:27.4	+56:57:55	300	90	3.0	#83 H+Chi Per	2	
0085.COMP	12	5:18	02:19:27.4	+56:57:55	300	90	3.0	#83 H+Chi Per	2	

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0086.021929p571903	780	5:19	02:19:29.2	+57:19:3	300	90	3.0	#83 H+Chi Per	2	
0087.COMP	12	5:33	02:19:29.2	+57:19:3	300	90	3.0	#83 H+Chi Per	2	
0088.021931p571749	780	5:39	02:19:31.5	+57:17:49	300	90	3.0	#83 H+Chi Per	2	
0089.COMP	12	5:53	02:19:31.5	+57:17:49	300	90	3.0	#83 H+Chi Per	2	
0090.021933p571557	900	5:54	02:19:33.0	+57:15:58	300	90	3.0	#83 H+Chi Per	2	
0091.COMP	12	6:12	02:19:33.0	+57:15:58	300	90	3.0	#83 H+Chi Per	2	
0092.021934p565916	900	6:13	02:19:34.2	+56:59:16	300	90	3.0	#83 H+Chi Per	2	
0093.COMP	12	6:28	02:19:34.2	+56:59:16	300	90	3.0	#83 H+Chi Per	2	
0094.a496_411	300	6:32	04:31:36.8	-11:42:27	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	6:38	04:31:36.8	-11:42:27	300	90	3.0	#64 Cluster In	2	
0096.a496_412	900	6:39	04:41:04.5	-11:24:17	300	90	3.0	#64 Cluster In	4	
0097.COMP	5	6:54	04:41:04.5	-11:24:17	300	90	3.0	#64 Cluster In	4	
0098.a496_416	300	6:55	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	get again
0099.COMP	5	7:01	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	
0100.a496_416	300	7:02	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	7:07	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	
0102.a496_417	720	7:08	04:42:48.2	-14:37:46	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	7:20	04:42:48.2	-14:37:46	300	90	3.0	#64 Cluster In	4	
0104.a496_418	780	7:22	04:30:29.1	-16:01:48	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	7:35	04:30:29.1	-16:01:48	300	90	3.0	#64 Cluster In	2	

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0106.BGGem	180	7:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0107.BGGem	900	7:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0108.COMP	12	7:56	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0109.sn2001C	900	8:01	06:59:36.1	+59:31:01	300	-41	3.0	#2 SN Observat	2	
0110.COMP	12	8:17	06:59:36.1	+59:31:01	300	-41	3.0	#2 SN Observat	2	
0111.SN2000fa	1200	8:22	07:15:29.8	+23:25:42	300	64	3.0	#2 SN Observat	2	row=75
0112.COMP	12	8:42	07:15:29.8	+23:25:42	300	64	3.0	#2 SN Observat	2	
0113.a576b_183	1200	8:46	07:18:56.1	56:52:14	300	90	3.0	#64 Cluster In	2	row=75
0114.COMP	12	9:07	07:18:56.1	56:52:14	300	90	3.0	#64 Cluster In	2	
0115.a576b_206	1200	9:10	07:16:26.8	56:21:31	300	90	3.0	#64 Cluster In	2	
0116.a576b_206	1200	9:31	07:16:26.8	56:21:31	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	9:51	07:16:26.8	56:21:31	300	90	3.0	#64 Cluster In	2	
0118.HD079439	0	10:10	09:12:36.2	+54:13:47	300	90	3.0	#83 Standards	2	
0119.HD079439	0	10:10	09:12:36.2	+54:13:47	300	90	3.0	#83 Standards	2	
0120.COMP	12	10:12	09:12:36.2	+54:13:47	300	90	3.0	#83 Standards	2	
0121.HD080081	0	10:14	09:15:44.3	+37:00:55	300	90	3.0	#83 Standards	2	
0122.HD080081	0	10:14	09:15:44.3	+37:00:55	300	90	3.0	#83 Standards	2	
0123.COMP	12	10:15	09:15:44.3	+37:00:55	300	90	3.0	#83 Standards	2	
0124.HD087696	0	10:16	10:04:29.1	+35:29:21	300	90	3.0	#83 Standards	2	
0125.HD087696	0	10:16	10:04:29.1	+35:29:21	300	90	3.0	#83 Standards	2	

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0126.COMP	12	10:17	10:04:29.1	+35:29:21	300	90	3.0	#83 Standards	2	
0127.HD097603	0	10:21	11:11:27.0	+20:47:52	300	90	3.0	#83 Standards	2	
0128.COMP	12	10:21	11:11:27.0	+20:47:52	300	90	3.0	#83 Standards	2	
0129.HD103287	0	10:23	11:51:12.5	+53:58:21	300	90	3.0	#83 Standards	2	
0130.COMP	12	10:23	11:51:12.5	+53:58:21	300	90	3.0	#83 Standards	2	
0131.HD106591	0	10:24	12:12:57.5	+57:18:36	300	90	3.0	#83 Standards	2	
0132.HD106591	0	10:25	12:12:57.5	+57:18:36	300	90	3.0	#83 Standards	2	
0133.COMP	12	10:25	12:12:57.5	+57:18:36	300	90	3.0	#83 Standards	2	
0134.HD120315	0	10:27	13:45:34.2	+49:33:44	300	90	3.0	#83 Standards	2	
0135.COMP	12	10:27	13:45:34.2	+49:33:44	300	90	3.0	#83 Standards	2	
0136.HD105805	0	10:31	12:10:46.1	27:16:53	300	90	3.0	#83 A-type Sta	2	
0137.COMP	12	10:32	12:10:46.1	27:16:53	300	90	3.0	#83 A-type Sta	2	
0138.HD106103	0	10:34	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0139.HD106103	1	10:34	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0140.HD106103	3	10:35	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0141.COMP	12	10:36	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0142.HD106691	3	10:37	12:16:8.4	25:45:37	300	90	3.0	#83 A-type Sta	2	
0143.HD106691	5	10:37	12:16:8.4	25:45:37	300	90	3.0	#83 A-type Sta	2	
0144.COMP	12	10:38	12:16:8.4	25:45:37	300	90	3.0	#83 A-type Sta	2	
0145.HD107131	5	10:39	12:19:2.0	26:00:30	300	90	3.0	#83 A-type Sta	2	

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0146.HD107131	1	10:40	12:19:2.0	26:00:30	300	90	3.0	#83 A-type Sta	2	
0147.COMP	12	10:41	12:19:2.0	26:00:30	300	90	3.0	#83 A-type Sta	2	
0148.HD107214	2	10:42	12:19:28.4	24:17:3	300	90	3.0	#83 A-type Sta	2	
0149.HD107214	7	10:43	12:19:28.4	24:17:3	300	90	3.0	#83 A-type Sta	2	
0150.COMP	12	10:43	12:19:28.4	24:17:3	300	90	3.0	#83 A-type Sta	2	
0151.HD107701	1	10:46	12:22:31.3	25:49:42	300	90	3.0	#83 A-type Sta	2	
0152.HD107701	10	10:46	12:22:31.3	25:49:42	300	90	3.0	#83 A-type Sta	2	
0153.COMP	12	10:47	12:22:31.3	25:49:42	300	90	3.0	#83 A-type Sta	2	
0154.HD107877	7	10:49	12:23:41	26:58:47	300	90	3.0	#83 A-type Sta	2	
0155.COMP	12	10:49	12:23:41	26:58:47	300	90	3.0	#83 A-type Sta	2	
0156.HD107935	1	10:51	12:24:3.5	25:51:4	300	90	3.0	#83 A-type Sta	2	
0157.COMP	12	10:52	12:24:3.5	25:51:4	300	90	3.0	#83 A-type Sta	2	
0158.HD108007	1	10:53	12:24:26.8	25:34:56	300	90	3.0	#83 A-type Sta	2	
0159.COMP	12	10:54	12:24:26.8	25:34:56	300	90	3.0	#83 A-type Sta	2	
0160.HD108154	7	10:55	12:25:22.5	23:13:44	300	90	3.0	#83 A-type Sta	2	
0161.COMP	12	10:56	12:25:22.5	23:13:44	300	90	3.0	#83 A-type Sta	2	
0162.HD108382	1	10:57	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	
0163.HD108382	0	10:58	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	
0164.HD108382	0	10:58	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	
0165.COMP	12	10:59	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	

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0166.HD108976	8	11:00	12:31:3.1	27:43:49	300	90	3.0	#83 A-type Sta	2	
0167.COMP	12	11:01	12:31:3.1	27:43:49	300	90	3.0	#83 A-type Sta	2	
0168.HD109307	1	11:02	12:33:34.2	24:16:58	300	90	3.0	#83 A-type Sta	2	
0169.HD109307	0	11:03	12:33:34.2	24:16:58	300	90	3.0	#83 A-type Sta	2	
0170.COMP	12	11:04	12:33:34.2	24:16:58	300	90	3.0	#83 A-type Sta	2	
0171.MRK110	360	11:30	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0172.COMP	12	11:36	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0173.N3227	90	11:38	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0174.N3227	90	11:40	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0175.N3227	90	11:41	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0176.COMP	12	11:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0177.N4051	120	11:45	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0178.N4051	120	11:47	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0179.N4051	120	11:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0180.COMP	12	11:52	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0181.N4151	30	11:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0182.N4151	30	11:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0183.N4151	30	11:54	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0184.COMP	12	11:55	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0185.N5548	90	11:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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0186.N5548	90	11:58	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0187.N5548	90	12:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0188.COMP	12	12:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0189.nrgb184.210	600	12:03	12:07:15.3	+24:44:30	300	90	3.0	#59 X-Ray Grou	2	
0190.COMP	12	12:14	12:07:15.3	+24:44:30	300	90	3.0	#59 X-Ray Grou	2	
0191.nrgb184.211	240	12:15	12:07:16.1	+25:17:04	300	90	3.0	#59 X-Ray Grou	2	
0192.COMP	12	12:19	12:07:16.1	+25:17:04	300	90	3.0	#59 X-Ray Grou	2	
0193.nrgb184.212	720	12:20	12:07:17.6	+25:15:46	300	90	3.0	#59 X-Ray Grou	2	
0194.COMP	12	12:33	12:07:17.6	+25:15:46	300	90	3.0	#59 X-Ray Grou	2	
0195.nrgb184.213	420	12:42	12:07:19.6	+25:39:03	300	90	3.0	#59 X-Ray Grou	2	
0196.COMP	12	12:50	12:07:19.6	+25:39:03	300	90	3.0	#59 X-Ray Grou	2	
0197.nrgb184.214	360	12:51	12:07:20.0	+24:11:53	300	90	3.0	#59 X-Ray Grou	2	
0198.COMP	12	12:57	12:07:20.0	+24:11:53	300	90	3.0	#59 X-Ray Grou	2	
0199.nrgb184.215	300	13:00	12:07:20.7	+25:36:39	300	90	3.0	#59 X-Ray Grou	2	
0200.COMP	12	13:05	12:07:20.7	+25:36:39	300	90	3.0	#59 X-Ray Grou	2	
0201.nrgb184.217	600	13:07	12:07:22.5	+25:36:34	300	90	3.0	#59 X-Ray Grou	2	
0202.COMP	12	13:17	12:07:22.5	+25:36:34	300	90	3.0	#59 X-Ray Grou	2	
0203.HZ44	120	13:25	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0204.COMP	12	13:27	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0205-0214.BIAS	0	13:33	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	



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0215-0224.FLAT	6	13:36	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	
0225-0234.BIAS	0	13:39	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	
0235-0244.FLAT	12	13:43	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	
0245-0254.DARK	900	16:02	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	