

UT Date 2001-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:20	21:11:14.0	31:29:49	300	90	3.0		4	
0002.DARK	900	0:20	21:26:26.0	31:29:48	300	90	3.0		4	
0003.DARK	900	0:20	21:41:36.0	31:29:47	300	90	3.0		4	
0004-0013.BIAS	0	1:12	21:49:08.0	31:29:46	300	90	3.0		4	
0014-0023.FLAT	6	1:15	21:52:01.0	31:29:46	300	90	3.0		4	
0024-0033.BIAS	0	1:18	21:54:25.0	31:29:46	300	90	3.0		2	
0034-0043.FLAT	12	1:25	22:02:14.0	31:29:45	300	90	3.0		2	
0044.BDp284211	45	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.BDp284211	45	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	45	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0048.BDp284211	45	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.COMP	12	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.BDp284211	45	1:25	21:48:57.1	28:37:48	300	69	3.0	#56 Spectropho	2	
0051.BDp284211	45	1:25	21:48:57.1	28:37:48	300	69	3.0	#56 Spectropho	2	
0052.COMP	12	1:25	21:48:57.1	28:37:48	300	69	3.0	#56 Spectropho	2	
0053.M31	60	1:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0054.COMP	5	1:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0055.M31	60	1:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	1:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2001-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

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0057.MRK509	120	1:25	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0058.MRK509	120	1:25	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	1:25	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0060.Akn564	240	1:25	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	lengthen exposure...
0061.Akn564	480	1:25	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0062.Akn564	480	1:25	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	1:25	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.N7469	90	1:25	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0065.N7469	90	1:25	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	1:25	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.MRK335	120	1:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0068.MRK335	120	1:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	1:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0070.ZAnd	1	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0071.ZAnd	3	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0072.ZAnd	5	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0073.ZAnd	13	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0075.a119c_526	1200	1:25	00:43:03.9	-1:01:02	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	1:25	00:43:03.9	-1:01:02	300	90	3.0	#64 Cluster In	2	

UT Date 2001-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

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0077.a119c_550	1200	1:25	00:44:57.5	-1:21:03	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	1:25	00:44:57.5	-1:21:03	300	90	3.0	#64 Cluster In	2	
0079.a119c_568	1020	1:25	00:52:08.3	01:27:19	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	1:25	00:52:08.3	01:27:19	300	90	3.0	#64 Cluster In	2	
0081.a119c_657	1200	1:25	00:49:31.6	01:57:41	300	90	3.0	#64 Cluster In	2	
0082.COMP	12	1:25	00:49:31.6	01:57:41	300	90	3.0	#64 Cluster In	2	
0083.a119c_654	1200	1:25	00:43:49.5	-1:48:21	300	90	3.0	#64 Cluster In	2	
0084.COMP	12	1:25	00:43:49.5	-1:48:21	300	90	3.0	#64 Cluster In	2	
0085.a119c_658	900	1:25	00:55:11.1	02:03:57	300	90	3.0	#64 Cluster In	2	
0086.COMP	12	1:25	00:55:11.1	02:03:57	300	90	3.0	#64 Cluster In	2	
0087.a119c_659	1200	1:25	00:51:20.0	01:37:35	300	90	3.0	#64 Cluster In	2	
0088.COMP	12	1:25	00:51:20.0	01:37:35	300	90	3.0	#64 Cluster In	2	
0089.a119c_661	1200	1:25	00:46:48.0	-3:00:21	300	90	3.0	#64 Cluster In	2	
0090.COMP	12	1:25	00:46:48.0	-3:00:21	300	90	3.0	#64 Cluster In	2	
0091.a119c_663	1020	1:25	01:02:57.5	-4:17:50	300	90	3.0	#64 Cluster In	2	
0092.COMP	12	1:25	01:02:57.5	-4:17:50	300	90	3.0	#64 Cluster In	2	
0093.a119c_666	1020	1:25	00:45:22.1	-0:26:06	300	90	3.0	#64 Cluster In	2	
0094.COMP	12	1:25	00:45:22.1	-0:26:06	300	90	3.0	#64 Cluster In	2	
0095.a119c_667	1020	1:25	00:46:43.4	-2:34:46	300	90	3.0	#64 Cluster In	2	
0096.COMP	12	1:25	00:46:43.4	-2:34:46	300	90	3.0	#64 Cluster In	2	

UT Date 2001-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

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0097.a119c-668	900	1:25	00:53:49.5	01:59:38	300	90	3.0	#64 Cluster In	2	
0098.COMP	12	1:25	00:53:49.5	01:59:38	300	90	3.0	#64 Cluster In	2	
0099.146vso-49935	369	1:25	05:30:33.3	-01:28:38	300	90	3.0	#112 Orion PMS	2	
0100.COMP	12	1:25	05:30:33.3	-01:28:38	300	90	3.0	#112 Orion PMS	2	
0101.147vso-56041	360	1:25	05:37:18.4	-01:31:48	300	90	3.0	#112 Orion PMS	2	
0102.COMP	12	1:25	05:37:18.4	-01:31:48	300	90	3.0	#112 Orion PMS	2	
0103.148vso-56830	360	1:25	05:38:20.5	-01:21:10	300	90	3.0	#112 Orion PMS	2	
0104.COMP	12	1:25	05:38:20.5	-01:21:10	300	90	3.0	#112 Orion PMS	2	
0105.149vso-57568	330	1:25	05:39:16.6	-01:23:09	300	90	3.0	#112 Orion PMS	2	
0106.COMP	12	1:25	05:39:16.6	-01:23:09	300	90	3.0	#112 Orion PMS	2	
0107.150vso-57779	360	1:25	05:39:35.5	-01:07:05	300	90	3.0	#112 Orion PMS	2	
0108.COMP	12	1:25	05:39:35.5	-01:07:05	300	90	3.0	#112 Orion PMS	2	
0109.151vso-57859	360	1:25	05:39:43.6	-01:09:10	300	90	3.0	#112 Orion PMS	2	
0110.COMP	12	1:25	05:39:43.6	-01:09:10	300	90	3.0	#112 Orion PMS	2	
0111.152vso-58492	300	1:25	05:40:30.4	-01:09:16	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	1:25	05:40:30.4	-01:09:16	300	90	3.0	#112 Orion PMS	2	
0113.153vso-60142	420	1:25	05:46:54.4	-01:07:47	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	1:25	05:46:54.4	-01:07:47	300	90	3.0	#112 Orion PMS	2	
0115.154vso-60331	420	1:25	05:47:29.4	-01:09:22	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	1:25	05:47:29.4	-01:09:22	300	90	3.0	#112 Orion PMS	2	

UT Date 2001-11-21 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

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0117.155vso-61358	330	1:25	05:50:02.8	-01:30:44	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	1:25	05:50:02.8	-01:30:44	300	90	3.0	#112 Orion PMS	2	
0119.156vso-62161	390	1:25	05:50:59.3	-01:23:07	300	90	3.0	#112 Orion PMS	2	156vso=row85, 157vso-62211=row101
0120.COMP	12	1:25	05:50:59.3	-01:23:07	300	90	3.0	#112 Orion PMS	2	
0121.158vso-62211	420	1:25	05:51:02.6	-01:06:24	300	90	3.0	#112 Orion PMS	2	
0122.COMP	12	1:25	05:51:02.6	-01:06:24	300	90	3.0	#112 Orion PMS	2	
0123.159vso-62413	360	1:25	05:51:14.8	-01:23:24	300	90	3.0	#112 Orion PMS	2	
0124.COMP	12	1:25	05:51:14.8	-01:23:24	300	90	3.0	#112 Orion PMS	2	
0125.160vso-63080	360	1:25	05:51:54.6	-01:29:06	300	90	3.0	#112 Orion PMS	2	
0126.COMP	12	1:25	05:51:54.6	-01:29:06	300	90	3.0	#112 Orion PMS	2	
0127.161vso-63161	540	1:25	05:51:59.0	-01:27:01	300	90	3.0	#112 Orion PMS	2	
0128.COMP	12	1:25	05:51:59.0	-01:27:01	300	90	3.0	#112 Orion PMS	2	
0129.162vso-63358	480	1:25	05:52:12.9	-01:33:40	300	90	3.0	#112 Orion PMS	2	
0130.COMP	12	1:25	05:52:12.9	-01:33:40	300	90	3.0	#112 Orion PMS	2	
0131.163vso-63514	660	1:25	05:52:22.0	-01:21:15	300	90	3.0	#112 Orion PMS	2	
0132.COMP	12	1:25	05:52:22.0	-01:21:15	300	90	3.0	#112 Orion PMS	2	
0133.sn2001ej	1200	1:25	07:23:43.2	33:26:38	300	86	3.0	#2 SN Observat	2	
0134.COMP	12	1:25	07:23:43.2	33:26:38	300	86	3.0	#2 SN Observat	2	
0135.Hiltner600	120	1:25	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	600L, 2arcsec, tilt=430
0136.COMP	35	1:25	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	

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0137.hs500	420	1:25	8:33:22.4	28:37:23	600	90	2.0	#122 Halo Star	2	
0138.COMP	35	1:25	8:33:22.4	28:37:23	600	90	2.0	#122 Halo Star	2	
0139.FLAT	40	1:25	8:34:32.4	28:05:00	600	90	2.0	#56 Spectropho	2	Take flats while clouds pass thru...
0140-0148.FLAT	40	10:30	8:34:32.4	28:05:00	600	90	2.0	#56 Spectropho	2	
0149.hs502	300	10:30	8:35:52.1	27:57:57	600	90	2.0	#122 Halo Star	2	
0150.COMP	35	10:30	8:35:52.1	27:57:57	600	90	2.0	#122 Halo Star	2	wait out more clouds
0151.hs503	600	10:30	8:36:01.7	29:11:53	600	90	2.0	#122 Halo Star	2	
0152.COMP	35	10:30	8:36:01.7	29:11:53	600	90	2.0	#122 Halo Star	2	
0153-0162.BIAS	0	11:57	8:36:40.0	29:45:40	300	90	3.0	#122 Halo Star	2	
0163-0172.FLAT	12	12:04	8:36:40.0	29:45:40	300	90	3.0	#122 Halo Star	2	
0173-0182.BIAS	0	12:06	8:36:40.0	29:45:40	300	90	3.0	#122 Halo Star	4	
0183-0192.FLAT	12	12:10	8:36:40.0	29:45:40	300	90	3.0	#122 Halo Star	4	
0193-0202.DARK	900	14:27	8:36:40.0	29:45:40	300	90	3.0	#122 Halo Star	4	