

UT Date 2003-12-28 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:18	23:18:56.7	+31:28:30	300	90	3.0	#2 SN Observat	4	
0011-0018.FLAT	8	0:21	23:21:45.5	+31:28:30	300	90	3.0	#2 SN Observat	4	
0019-0020.FLAT	8	0:22	23:22:28.5	+31:28:29	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	0:24	23:24:38.6	+31:28:29	300	90	3.0	#2 SN Observat	2	
0031-0040.FLAT	16	0:30	23:30:41.3	+31:28:29	300	90	3.0	#2 SN Observat	2	
0041.DARK	300	0:38	21:30:00	32:00:00	300	90	3.0	#2 SN Observat	2	
0042.BDp174708	60	1:10	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	windy, cold, cirrus
0043.BDp174708	60	1:11	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0044.BDp174708	60	1:13	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0045.COMP	10	1:14	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0046.BDp284211	120	1:15	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0047.BDp284211	120	1:18	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0048.BDp284211	120	1:20	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0049.COMP	10	1:22	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0050.N7469	150	1:24	23:03:15.7	+08:52:27	300	37	3.0	#6 AGN Monitor	4	
0051.N7469	150	1:27	23:03:15.7	+08:52:27	300	37	3.0	#6 AGN Monitor	4	
0052.COMP	5	1:29	23:03:15.7	+08:52:27	300	37	3.0	#6 AGN Monitor	4	
0053.Akn564	180	1:31	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0054.Akn564	180	1:34	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0055.COMP	5	1:37	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	

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0056.MRK335	180	1:39	00:06:19.6	+20:12:11	300	32	3.0	#6 AGN Monitor	4	
0057.MRK335	180	1:43	00:06:19.6	+20:12:11	300	32	3.0	#6 AGN Monitor	4	
0058.COMP	5	1:46	00:06:19.6	+20:12:11	300	32	3.0	#6 AGN Monitor	4	
0059.21567p1756_15.1	1500	1:50	21:59:04.5	+18:10:43	300	90	3.0	#84f UZC Redsh	2	
0060.COMP	10	2:15	21:59:04.5	+18:10:43	300	90	3.0	#84f UZC Redsh	2	
0061.sn2003lc	1800	2:17	1:23:25.8	30:47:14	300	90	3.0	#2 SN Observat	2	
0062.COMP	10	2:48	1:23:25.8	30:47:14	300	90	3.0	#2 SN Observat	2	
0063.DGTau	60	2:50	04:24:01.1	+25:59:36	300	103	3.0	#30 PMS/PADs	4	
0064.DGTau	150	2:52	04:24:01.1	+25:59:36	300	107	3.0	#30 PMS/PADs	4	
0065.DGTau	480	2:55	04:24:01.1	+25:59:36	300	107	3.0	#30 PMS/PADs	4	
0066.COMP	5	3:03	04:24:01.1	+25:59:36	300	107	3.0	#30 PMS/PADs	4	
0067.FMTau	60	3:05	04:11:07.8	+28:05:19	300	107	3.0	#30 PMS/PADs	4	
0068.FMTau	180	3:07	04:11:07.8	+28:05:19	300	107	3.0	#30 PMS/PADs	4	
0069.COMP	5	3:10	04:11:07.8	+28:05:19	300	107	3.0	#30 PMS/PADs	4	
0070.CYTau	120	3:11	04:14:27.7	+28:13:29	300	107	3.0	#30 PMS/PADs	4	
0071.CYTau	480	3:14	04:14:27.7	+28:13:29	300	107	3.0	#30 PMS/PADs	4	
0072.COMP	5	3:22	04:14:27.7	+28:13:29	300	107	3.0	#30 PMS/PADs	4	
0073.DETau	120	3:23	04:18:49.8	+27:48:05	300	107	3.0	#30 PMS/PADs	4	
0074.DETau	420	3:25	04:18:49.8	+27:48:05	300	107	3.0	#30 PMS/PADs	4	
0075.COMP	5	3:33	04:18:49.8	+27:48:05	300	107	3.0	#30 PMS/PADs	4	

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0076.V819Tau	120	3:34	4:19:26.3	+28:26:13	300	107	3.0	#30 PMS/PADs	4	
0077.V819Tau	600	3:36	4:19:26.3	+28:26:13	300	107	3.0	#30 PMS/PADs	4	
0078.COMP	5	3:47	4:19:26.3	+28:26:13	300	107	3.0	#30 PMS/PADs	4	
0079.IPTau	120	3:47	04:21:52.1	+27:05:08	300	107	3.0	#30 PMS/PADs	4	
0080.IPTau	600	3:50	04:21:52.1	+27:05:08	300	107	3.0	#30 PMS/PADs	4	
0081.COMP	5	4:03	04:21:52.1	+27:05:08	300	107	3.0	#30 PMS/PADs	4	
0082.HD19445	15	4:06	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	problem with rotator
0083.HD19445	15	4:06	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0084.HD19445	15	4:07	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	4:07	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	do not rotate
0086.DITau	90	4:10	04:26:38.0	+26:26:20	300	90	3.0	#30 PMS/PADs	4	
0087.DITau	480	4:12	04:26:38.0	+26:26:20	300	90	3.0	#30 PMS/PADs	4	
0088.COMP	5	4:21	04:26:38.0	+26:26:20	300	90	3.0	#30 PMS/PADs	4	
0089.DKTau	120	4:22	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0090.DKTau	600	4:24	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0091.COMP	5	4:35	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0092.HBC392	120	4:38	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0093.HBC392	480	4:40	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0094.COMP	5	4:52	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0095.GITau	240	4:53	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	

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0096.GITau	900	4:57	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0097.COMP	5	5:12	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0098.GKTau	120	5:13	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0099.GKTau	600	5:15	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0100.COMP	5	5:26	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0101.HNTau	120	5:27	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0102.HNTau	720	5:29	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0103.COMP	5	5:41	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0104.HZ14	480	5:43	04:38:15.6	10:53:57	300	90	3.0	#56 Spectropho	4	
0105.HZ14	480	5:53	04:38:15.6	10:53:57	300	90	3.0	#56 Spectropho	4	
0106.COMP	5	6:04	04:38:15.6	10:53:57	300	90	3.0	#56 Spectropho	4	
0107.DNTau	120	6:05	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0108.DNTau	480	6:08	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0109.COMP	5	6:16	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0110.DOTau	90	6:17	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0111.DOTau	360	6:19	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0112.COMP	5	6:25	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0113.IWTau	180	6:26	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0114.IWTau	420	6:30	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0115.COMP	5	6:37	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	

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0116.AATau	120	6:38	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0117.AATau	360	6:41	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0118.COMP	5	6:47	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0119.DQTau	120	6:48	04:44:00.0	+16:54:40	300	90	3.0	#30 PMS/PADs	4	
0120.DQTau	660	6:50	04:44:00.0	+16:54:40	300	90	3.0	#30 PMS/PADs	4	
0121.COMP	5	7:01	04:44:00.0	+16:54:40	300	90	3.0	#30 PMS/PADs	4	
0122.sn2003kf	1200	7:03	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	problems with tv camera
0123.COMP	10	7:23	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	smearred image
0124.DLTau	120	7:24	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0125.DLTau	660	7:27	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0126.COMP	5	7:38	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0127.DRTau	120	7:49	04:44:13.2	+16:53:24	300	90	3.0	#30 PMS/PADs	4	bad harmonics to here
0128.DRTau	45	7:52	04:44:13.2	+16:53:24	300	90	3.0	#30 PMS/PADs	4	
0129.COMP	5	7:53	04:44:13.2	+16:53:24	300	90	3.0	#30 PMS/PADs	4	
0130.Hiltner600	90	8:00	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	more bad harmonics with RA drive
0131.Hiltner600	90	8:02	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0132.Hiltner600	90	8:04	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0133.COMP	5	8:06	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	do not move telescope
0134-0143.BIAS	0	10:01	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	4	
0144-0153.FLAT	8	10:05	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	4	

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0154-0163.BIAS	0	10:07	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	2	
0164-0173.FLAT	16	10:13	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	2	
0174-0183.DARK	900	12:32	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	4	
0184-0193.DARK	900	15:04	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	2	