

UT Date 2001-04-17 Observers K. ConcannonColl. Focus 1105 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	21:08	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		
0002-0004.COMP	5	21:23	0:30:00	0:0:0	300	90	3.0	#68 2MASS Reds		checking binning
0005-0009.BIAS	0	21:32	0:30:00	0:0:0	300	90	3.0	#68 2MASS Reds		checking binning
0010-0028.COMP	5	22:46	-	-	300	90	1.5	-		checking focus
0029-0032.DARK	1800	23:37	-	-	300	90	1.5	-		
0033-0042.FLAT	15	1:43	-	-	300	90	1.5	-		
0043-0052.BIAS	0	1:49	-	-	300	90	1.5	-		
0053.SKY	5	2:00	-	-	300	90	1.5	-		
0054-0058.SKY	8	2:01	-	-	300	90	1.5	-		low, thin clouds in S & W
0059.HD75732	20	2:18	8:49:37.3	28:31:23	300	90	1.5	#70f E/SO Ages		Line standard
0060.HD77818	30	2:23	9:03:35.6	59:04:40	300	90	1.5	#70f E/SO Ages		Line standard
0061.COMP	5	2:24	9:03:35.6	59:04:40	300	90	1.5	#70f E/SO Ages		
0062.HD66141	4	2:29	8:02:15.8	2:20:04	300	90	1.5	#70f E/SO Ages		Velocity standard
0063.COMP	5	2:29	8:02:15.8	2:20:04	300	90	1.5	#70f E/SO Ages		
0064.PG0823p546	360	2:47	08:23:01.0	54:37:58	600	90	5.0	#56 Spectropho		Flux standard. Sky too bright.
0065.PG0823p546	400	2:54	08:23:01.0	54:37:58	600	90	5.0	#56 Spectropho		Flux standard
0066.COMP	5	3:01	08:23:01.0	54:37:58	600	90	5.0	#56 Spectropho		
0067.COMP	5	3:15	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0068.N3731	1800	3:16	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0069.COMP	5	3:46	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		

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0070.N3731	1800	3:47	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0071.COMP	5	4:17	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0072.N3731	1800	4:18	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		clouds moving in
0073.COMP	5	4:49	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0074.COMP	5	4:57	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0075.UGC06604	1800	4:58	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0076.COMP	5	5:29	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0077.UGC06604	1800	5:30	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0078.COMP	5	6:01	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0079.UGC06604	1800	6:01	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		still clouds
0080.COMP	5	6:32	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0081.UGC06604	1800	6:32	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0082.COMP	5	7:03	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0083.COMP	5	7:16	12:41:32.7	07:18:53	600	-33	1.5	#70f Elliptica		
0084.VCC1479	1800	7:27	12:33:07.5	14:34:30	600	7	1.5	#70f Elliptica		clouded out
0085.COMP	5	7:57	12:33:07.5	14:34:30	600	7	1.5	#70f Elliptica		
0086.COMP	5	8:06	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		
0087.N4648	1800	8:07	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		
0088.COMP	5	8:37	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		
0089.N4648	1800	8:39	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		clouds through half of exposure

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0090.COMP	5	9:10	12:41:44.2	74:25:15	600	7	1.5	#70f Elliptica		
0091.COMP	5	9:18	16:16:52.3	53:00:21	600	7	1.5	#70f Elliptica		
0092.I1211	1800	9:19	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		brighter object, clouds not so bad in NE
0093.COMP	5	9:49	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0094.I1211	1800	9:50	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0095.COMP	5	10:21	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0096.I1211	1800	10:24	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0097.COMP	5	10:54	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0098.I1211	1800	10:55	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		clouds thinning
0099.COMP	5	11:25	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0100.COMP	5	11:39	17:08:35.9	60:13:52	600	-26	5.0	#56 Spectropho		
0101.PG1708p602	480	11:40	17:08:35.9	60:13:52	600	-26	5.0	#56 Spectropho		Flux standard
0102.COMP	5	11:48	17:08:35.9	60:13:52	600	-26	5.0	#56 Spectropho		
0103.COMP	5	11:54	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		
0104.HD161096	4	11:55	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		Velocity standard
0105.HD161096	11	11:56	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		Velocity standard
0106.HD161096	10	11:57	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		Velocity standard
0107.COMP	5	11:58	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		
0108.COMP	5	12:00	17:48:26.4	29:20:3	600	90	1.5	#56 Spectropho		
0109.HD162555	3	12:02	17:48:26.4	29:20:3	600	90	1.5	#56 Spectropho		Line standard

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0110.COMP	5	12:03	17:48:26.4	29:20:3	600	90	1.5	#56 Spectropho		
0111.COMP	5	12:04	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0112.HD163993	3	12:05	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		Line standard
0113.HD163993	1	12:06	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		Line standard
0114.COMP	5	12:07	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0115-0124.BIAS	0	12:08	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0125-0134.FLAT	15	12:11	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0135-0139.SKY	60	12:20	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0140-0145.DARK	1800	12:41	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		