

UT Date 09/23/00 Observers P BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Program	Bin	Comments (& Slit)
01.10.FLAT	90	23:42	16:28:20.0	31:30:11	1200	90	#100 BGGem		12001; 1.5slit; tilt @ H-alpha
11.14.DARK	900	0:12	17:11:53.0	31:30:09	300	90	#57 Velocity S		
15.24.BIAS	0	1:15	18:00:19.0	31:30:07	300	90	#57 Velocity S		happy equinox!
25.34.FLAT	8	1:17	18:01:53.0	31:30:07	300	90	#57 Velocity S		
35.44.BIAS	0	1:20	18:04:53.0	31:30:07	300	90	#57 Velocity S		
45.54.FLAT	16	1:22	18:07:36.0	31:30:07	300	90	#57 Velocity S		clear skies; breezy
55.59.sky	2	1:35	18:15:43.0	32:01:04	300	90	#57 Velocity S		
0060.COMP	5	1:37	18:15:43.0	32:01:04	300	90	#57 Velocity S		
61.63.HD192281	4	1:58	20:12:33.0	40:16:05	300	90	#56 Photometri		
0064.COMP	5	1:59	20:12:33.0	40:16:05	300	90	#56 Photometri		
0065.2M181251.	60	2:07	18:12:51.0	25:30:41	300	90	#68 2MASS Reds		too wk; re-done as file 89
0066.COMP	5	2:09	18:12:51.0	25:30:41	300	90	#68 2MASS Reds		
0067.2M181146.	70	2:09	18:11:46.0	24:57:05	300	90	#68 2MASS Reds		wk; em
0068.COMP	5	2:11	18:11:46.0	24:57:05	300	90	#68 2MASS Reds		
0069.2M181138.	150	2:13	18:11:38.0	25:39:27	300	90	#68 2MASS Reds		wk; em
0070.COMP	5	2:16	18:11:38.0	25:39:27	300	90	#68 2MASS Reds		
0071.2M181045.	180	2:17	18:10:45.0	25:12:19	300	90	#68 2MASS Reds		wk
0072.COMP	5	2:20	18:10:45.0	25:12:19	300	90	#68 2MASS Reds		
0073.2M180833.	120	2:21	18:08:34.0	08:35:05	300	90	#68 2MASS Reds		
0074.COMP	5	2:23	18:08:34.0	08:35:05	300	90	#68 2MASS Reds		

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0075.2M180339.	120	2:24	18:03:39.0	12:01:32	300	90	#68 2MASS Reds		
0076.COMP	5	2:26	18:03:39.0	12:01:32	300	90	#68 2MASS Reds		
0077.2M175622.	120	2:27	17:56:23.0	12:36:01	300	90	#68 2MASS Reds		
0078.COMP	5	2:29	17:56:23.0	12:36:01	300	90	#68 2MASS Reds		
0079.2M175618.	120	2:30	17:56:18.0	13:11:25	300	90	#68 2MASS Reds		
0080.COMP	5	2:32	17:56:18.0	13:11:25	300	90	#68 2MASS Reds		
0081.2M181154.	120	2:33	18:11:56.0	07:43:49	300	90	#68 2MASS Reds		
0082.COMP	5	2:35	18:11:56.0	07:43:49	300	90	#68 2MASS Reds		
0083.2M181221.	120	2:35	18:12:22.0	08:47:14	300	90	#68 2MASS Reds	wk	
0084.COMP	5	2:38	18:12:22.0	08:47:14	300	90	#68 2MASS Reds		
0085.2M181250.	120	2:38	18:12:51.0	07:30:05	300	90	#68 2MASS Reds		
0086.COMP	5	2:41	18:12:51.0	07:30:05	300	90	#68 2MASS Reds		
0087.2M181317.	240	2:41	18:13:19.0	07:30:21	300	90	#68 2MASS Reds		
0088.COMP	5	2:46	18:13:19.0	07:30:21	300	90	#68 2MASS Reds		
0089.2M181251.	90	2:46	18:12:50.0	25:30:41	300	90	#68 2MASS Reds	ok	
0090.COMP	5	2:48	18:12:50.0	25:30:41	300	90	#68 2MASS Reds		
0091.2M173749.	90	2:49	17:37:45.0	57:06:39	300	90	#68 2MASS Reds		
0092.COMP	5	2:51	17:37:44.0	57:06:39	300	90	#68 2MASS Reds		
0093.2M174128.	120	2:52	17:41:21.0	68:57:30	300	90	#68 2MASS Reds		
0094.COMP	5	2:54	17:41:21.0	68:57:30	300	90	#68 2MASS Reds		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Program	Bin	Comments (& Slit)
0095.2M175043.	120	2:55	17:50:36.0	72:40:59	300	90	#68 2MASS Reds		
0096.COMP	5	2:57	17:50:35.0	72:40:59	300	90	#68 2MASS Reds		
0097.2M181301.	120	2:59	18:13:00.0	57:09:20	300	90	#68 2MASS Reds		
0098.COMP	5	3:01	18:13:00.0	57:09:20	300	90	#68 2MASS Reds		
0099.2M181809.	120	3:02	18:18:08.0	54:30:56	300	90	#68 2MASS Reds		
0100.2M181809.	120	3:04	18:18:08.0	54:30:56	300	90	#68 2MASS Reds		sup * next to nucleus
0101.COMP	5	3:07	18:18:08.0	54:30:56	300	90	#68 2MASS Reds		
0102.2M182945.	90	3:07	18:29:44.0	45:01:15	300	90	#68 2MASS Reds		dang, sup *; redo
0103.COMP	5	3:09	18:29:44.0	45:01:15	300	90	#68 2MASS Reds		
0104.id2831	180	3:10	19:58:50.0	35:23:38	300	90	#115 PMS NGC68		
0105.id2811	150	3:14	19:58:56.0	35:06:19	300	90	#115 PMS NGC68		brt * to west
0106.id2711	120	3:17	19:59:33.0	35:17:23	300	90	#115 PMS NGC68		
0107.COMP	5	3:19	19:59:33.0	35:17:23	300	90	#115 PMS NGC68		
0108.id2592	120	3:20	20:03:59.0	35:50:43	300	70	#115 PMS NGC68		
0109.id2585	90	3:23	20:04:00.0	35:47:24	300	70	#115 PMS NGC68		
0110.id2580	90	3:25	20:04:01.0	35:47:22	300	70	#115 PMS NGC68		
0111.COMP	5	3:27	20:04:01.0	35:47:22	300	70	#115 PMS NGC68		
0112.id2475	240	3:28	20:04:21.0	35:38:49	300	70	#115 PMS NGC68		
0113.id2858	180	3:33	19:58:42.0	35:18:27	300	70	#115 PMS NGC68		
0114.id2888	180	3:36	19:58:28.0	35:12:21	300	90	#115 PMS NGC68		

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<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>Program</i>	<i>Bin</i>	<i>Comments (&amp; Slit)</i>
0115.COMP	5	3:39	19:58:27.0	35:12:21	300	90	#115 PMS NGC68		
0116.id1315	180	3:40	20:07:02.0	35:49:46	300	90	#115 PMS NGC68		
0117.id1319	180	3:43	20:07:01.0	35:39:06	300	90	#115 PMS NGC68		
0118.id1437	180	3:47	20:06:49.0	35:39:00	300	90	#115 PMS NGC68		
0119.COMP	5	3:50	20:06:49.0	35:39:00	300	90	#115 PMS NGC68		
0120.id163	180	3:51	20:05:40.0	35:42:50	300	90	#115 PMS NGC68		
0121.id2765	180	3:54	19:59:14.0	35:15:55	300	90	#115 PMS NGC68		
0122.id1890	180	3:57	20:05:54.0	35:46:44	300	90	#115 PMS NGC68		
0123.COMP	5	4:01	20:05:54.0	35:46:44	300	90	#115 PMS NGC68		
0124.id2068	180	4:01	20:05:28.0	35:48:29	300	90	#115 PMS NGC68		
0125.id2877	180	4:05	19:58:34.0	35:19:39	300	90	#115 PMS NGC68		
0126.id1498	180	4:08	20:06:41.0	35:44:29	300	90	#115 PMS NGC68		
0127.COMP	5	4:12	20:06:41.0	35:44:29	300	90	#115 PMS NGC68		
0128.id159	180	4:12	20:05:39.0	35:40:32	300	90	#115 PMS NGC68		
0129.id2255	180	4:15	20:05:05.0	35:40:36	300	90	#115 PMS NGC68		
0130.id2769	180	4:19	19:59:13.0	35:09:40	300	90	#115 PMS NGC68		
0131.COMP	5	4:22	19:59:13.0	35:09:40	300	90	#115 PMS NGC68		
0132.id1481	180	4:23	20:06:44.0	35:51:21	300	90	#115 PMS NGC68		
0133.id1999	180	4:27	20:05:40.0	35:40:59	300	90	#115 PMS NGC68		
0134.id2696	180	4:30	19:59:40.0	35:24:47	300	90	#115 PMS NGC68		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Program	Bin	Comments (& Slit)
0135.COMP	5	4:33	19:59:40.0	35:24:47	300	90	#115 PMS NGC68		
0136.id69	180	4:34	20:05:50.0	35:45:50	300	90	#115 PMS NGC68		
0137.COMP	5	4:37	20:07:05.0	35:51:11	300	90	#115 PMS NGC68		
0137.id1286	180	4:38	20:07:05.0	35:51:11	300	90	#115 PMS NGC68		
0138.id1306	180	4:41	20:07:03.0	35:56:17	300	90	#115 PMS NGC68		
0139.COMP	5	4:45	20:07:03.0	35:56:17	300	90	#115 PMS NGC68		
0140.id2072	180	4:45	20:05:28.0	35:49:31	300	90	#115 PMS NGC68		
0141.id2414	180	4:49	20:04:32.0	35:56:06	300	90	#115 PMS NGC68		
0142.id99	180	4:52	20:05:50.0	35:44:11	300	90	#115 PMS NGC68		
0143.COMP	5	4:56	20:05:50.0	35:44:11	300	90	#115 PMS NGC68		
144.145.MRK509	180	4:58	20:44:16.0	-10:43:24	300	20	#6 AGN Monitor		
0146.COMP	5	5:04	20:44:16.0	-10:43:24	300	20	#6 AGN Monitor		
147.148.BDp2842	11 30	5:06	21:51:11.0	28:51:50	300	90	#56 Photometri		
0149.COMP	10	5:08	21:51:11.0	28:51:50	300	90	#56 Photometri		
0150.214330p07	1020	5:11	21:46:05.0	07:52:10	300	-11	#113 Galaxy In		
0151.COMP	10	5:28	21:46:05.0	07:52:10	300	-11	#113 Galaxy In		
0152.214330p07	1020	5:29	21:46:00.0	07:51:07	300	-11	#113 Galaxy In		
0153.COMP	10	5:47	21:46:00.0	07:51:07	300	-11	#113 Galaxy In		
0154.214436p38	1020	5:49	21:46:28.0	38:28:47	300	90	#113 Galaxy In		
0155.COMP	10	6:06	21:46:28.0	38:28:47	300	90	#113 Galaxy In		

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0156.214436p38	900	6:07	21:46:41.0	38:29:57	300	90	#113 Galaxy In		
0157.COMP	10	6:22	21:46:41.0	38:29:57	300	90	#113 Galaxy In		
0158.220854p41	600	6:23	22:11:03.0	41:16:58	300	100	#113 Galaxy In		
0159.COMP	10	6:34	22:11:03.0	41:16:58	300	100	#113 Galaxy In		
0160.220854p41	1200	6:35	22:10:51.0	41:15:26	300	42	#113 Galaxy In		
0161.COMP	10	6:56	22:10:51.0	41:15:26	300	42	#113 Galaxy In		
162.163.Akn564	180	6:57	22:42:40.0	29:43:31	300	77	#6 AGN Monitor		
0164.COMP	5	7:04	22:42:40.0	29:43:31	300	77	#6 AGN Monitor		
165.166.N7469	120	7:05	23:03:21.0	08:52:27	300	25	#6 AGN Monitor		
0167.COMP	5	7:10	23:03:21.0	08:52:27	300	25	#6 AGN Monitor		
0168.Feige110	120	7:11	23:20:04.0	-05:09:56	300	15	#56 Photometri		
0169.COMP	10	7:14	23:20:04.0	-05:09:56	300	15	#56 Photometri		
0170.SN2000dg	1200	7:18	00:06:19.0	08:53:17	300	5	#2 SN Observat		
0171.COMP	10	7:38	00:06:19.0	08:53:17	300	5	#2 SN Observat		
0172.SN2000dk	900	7:41	01:07:23.0	32:24:23	300	95	#2 SN Observat		
0173.COMP	10	7:57	01:07:23.0	32:24:23	300	95	#2 SN Observat		
174.175.MRK335	120	7:58	00:06:23.0	20:12:11	300	37	#6 AGN Monitor		
0176.COMP	5	8:03	00:06:23.0	20:12:11	300	37	#6 AGN Monitor		
177.180.ZAnd	2	8:05	23:33:38.0	48:49:06	300	100	#12 Symbiotic		
0181.COMP	5	8:07	23:33:38.0	48:49:06	300	100	#12 Symbiotic		

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0182.a119c_428	420	8:10	01:05:26.0	-00:54:00	300	90	#64 Cluster In		a few clouds to s and e
0183.COMP	5	8:17	01:05:26.0	-00:54:00	300	90	#64 Cluster In		
0184.a119c_427	360	8:18	01:10:18.0	00:07:47	300	90	#64 Cluster In		
0185.COMP	5	8:24	01:10:18.0	00:07:47	300	90	#64 Cluster In		
0186.a119c_432	420	8:25	01:00:58.0	-03:12:19	300	90	#64 Cluster In		
0187.COMP	5	8:32	01:00:58.0	-03:12:19	300	90	#64 Cluster In		
0188.a119c_454	300	8:33	00:49:35.0	-02:54:24	300	90	#64 Cluster In		
0189.COMP	5	8:38	00:49:35.0	-02:54:24	300	90	#64 Cluster In		
0190.a119c_453	480	8:39	01:01:42.0	-02:56:25	300	90	#64 Cluster In		
0191.COMP	5	8:48	01:01:42.0	-02:56:25	300	90	#64 Cluster In		
0192.a119c_455	330	8:48	01:01:40.0	-03:16:35	300	90	#64 Cluster In		
0193.COMP	5	8:54	01:01:40.0	-03:16:35	300	90	#64 Cluster In		
0194.a119c_456	420	8:55	00:56:20.0	00:54:22	300	90	#64 Cluster In		clouds increasing...
0195.COMP	5	9:02	00:56:19.0	00:54:22	300	90	#64 Cluster In		
0196.a119c_458	600	9:03	01:06:51.0	00:10:51	300	90	#64 Cluster In		
0197.COMP	5	9:13	01:06:51.0	00:10:51	300	90	#64 Cluster In		
0198.a119c_467	720	9:15	00:51:50.0	-00:17:25	300	90	#64 Cluster In		
0199.COMP	5	9:28	00:51:50.0	-00:17:25	300	90	#64 Cluster In		
0200.a119c_468	540	9:28	00:49:48.0	-00:21:54	300	90	#64 Cluster In		
0201.COMP	5	9:38	00:49:48.0	-00:21:54	300	90	#64 Cluster In		

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0202.a119c_469	720	9:38	01:01:35.0	-01:50:07	300	90	#64 Cluster In		clouds leaving already
0203.COMP	5	9:51	01:01:35.0	-01:50:07	300	90	#64 Cluster In		
0204.a119c_475	600	9:53	01:02:54.0	-02:35:38	300	90	#64 Cluster In		
0205.COMP	5	10:03	01:02:54.0	-02:35:38	300	90	#64 Cluster In		
0206.a119c_478	480	10:04	00:53:29.0	-03:16:15	300	90	#64 Cluster In		
0207.COMP	5	10:12	00:53:29.0	-03:16:15	300	90	#64 Cluster In		
0208.a119c_480	480	10:13	00:56:26.0	-01:48:49	300	90	#64 Cluster In		
0209.COMP	5	10:21	00:56:26.0	-01:48:49	300	90	#64 Cluster In		
0210.a119c_482	360	10:22	01:07:32.0	-00:58:59	300	90	#64 Cluster In		
0211.COMP	5	10:28	01:07:32.0	-00:58:59	300	90	#64 Cluster In		
0212.a119c_485	360	10:29	01:03:07.0	-02:32:37	300	90	#64 Cluster In		
0213.COMP	5	10:35	01:03:07.0	-02:32:37	300	90	#64 Cluster In		
0214.021857p57	150	10:38	02:18:58.0	57:07:43	300	45	#83 h/chi Pers		
0215.021913p57	300	10:41	02:19:12.0	57:07:29	300	45	#83 h/chi Pers		
0216.021958p57	60	10:46	02:19:58.0	57:20:10	300	45	#83 h/chi Pers		
0217.COMP	5	10:47	02:19:58.0	57:20:10	300	45	#83 h/chi Pers		
0218.021938p57	130	10:49	02:19:40.0	57:16:11	300	45	#83 h/chi Pers		
0219.021938p57	45	10:52	02:19:41.0	57:16:12	300	45	#83 h/chi Pers		
0220.022000p56	75	10:53	02:20:02.0	56:58:24	300	45	#83 h/chi Pers		
0221.COMP	5	10:55	02:20:02.0	56:58:24	300	45	#83 h/chi Pers		



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0222.022001p57	120	10:57	02:20:01.0	57:10:42	300	90	#83 h/chi Pers		
0223.022002p57	150	10:59	02:20:00.0	57:02:38	300	90	#83 h/chi Pers		
0224.022002p57	30	11:02	02:20:01.0	57:11:18	300	90	#83 h/chi Pers		
0225.COMP	5	11:03	02:20:01.0	57:11:18	300	90	#83 h/chi Pers		
0226.022002p57	180	11:03	02:20:00.0	57:11:25	300	90	#83 h/chi Pers		
0227.022004p56	210	11:07	02:20:02.0	56:59:07	300	90	#83 h/chi Pers		ignore fainter * to E
0228.022004p57	30	11:10	02:20:02.0	57:03:19	300	90	#83 h/chi Pers		
0229.COMP	5	11:11	02:20:02.0	57:03:19	300	90	#83 h/chi Pers		
0230.022004p57	120	11:12	02:20:03.0	57:19:04	300	90	#83 h/chi Pers		
0231.022005p57	120	11:14	02:20:03.0	57:04:13	300	90	#83 h/chi Pers		
0232.022006p57	30	11:17	02:20:04.0	57:07:27	300	90	#83 h/chi Pers		
0233.COMP	5	11:17	02:20:04.0	57:07:27	300	90	#83 h/chi Pers		
0234.022007p57	120	11:18	02:20:05.0	57:18:55	300	90	#83 h/chi Pers		
0235.022008p57	120	11:20	02:20:06.0	57:02:14	300	90	#83 h/chi Pers		
0236.022008p57	120	11:23	02:20:05.0	57:07:11	300	90	#83 h/chi Pers		
0237.COMP	5	11:25	02:20:05.0	57:07:11	300	90	#83 h/chi Pers		
0238.HD12623	4	11:26	02:09:39.2	63:10:14	300	90	#57 Velocity S		
0239.HD12623	4	11:26	02:09:40.2	63:10:14	300	90	#57 Velocity S		
0240.HD12623	4	11:26	02:09:38.2	63:10:14	300	90	#57 Velocity S		
0241.COMP	5	11:27	02:09:36.2	63:10:14	300	90	#57 Velocity S		

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0242.BGGem	180	11:28	06:03:32.0	27:41:50	300	90	#100 BGGem		
0243.BGGem	900	11:32	06:03:31.0	27:41:50	300	90	#100 BGGem		
0244.COMP	10	11:47	06:03:31.0	27:41:50	300	90	#100 BGGem		
245.249.FLAT	16	11:48	06:03:31.0	27:41:50	300	90	#100 BGGem		now or never
250.254.FLAT	8	11:50	06:03:31.0	27:41:50	300	90	#100 BGGem		
0255.test	5	11:54	06:03:31.0	27:41:50	1200	90	#100 BGGem		1200l; 1.5 slit
0256.BGGem	180	11:57	06:03:37.0	27:41:50	1200	90	#100 BGGem		
0257.BGGem	360	12:01	06:03:37.0	27:41:50	1200	90	#100 BGGem		clouds moving in fast
0258.BGGem	360	12:07	06:03:35.0	27:41:50	1200	90	#100 BGGem		ok
0259.COMP	10	12:14	06:03:35.0	27:41:50	1200	90	#100 BGGem		
0260.hiltner60	120	12:15	06:47:55.2	02:08:02	1200	90	#100 BGGem		lots of clouds @ dawn
0261.COMP	10	12:18	06:47:55.2	02:08:02	1200	90	#100 BGGem		
262.263.hd52971	10	12:19	07:04:09.7	27:09:11	1200	90	#100 BGGem		
0264.COMP	10	12:20	07:04:09.7	27:09:11	1200	90	#100 BGGem		
265.274.FLAT	90	12:23	05:14:44.4	27:17:05	1200	90	#100 BGGem		
275.284.BIAS	0	12:42	05:31:43.8	27:15:52	1200	90	#100 BGGem		
285.294.BIAS	0	12:44	05:34:12.8	27:15:41	1200	90	#100 BGGem		
0295.DARK	1200	12:46	05:56:26.1	27:14:04	1200	90	#100 BGGem		
0296.DARK	1200	13:07	06:16:53.0	27:12:35	1200	90	#100 BGGem		
0297.DARK	1200	13:27	06:37:09.6	27:11:07	1200	90	#100 BGGem		

UT Date 09/23/00 Observers P BerlindColl. Focus 985 Filter none

<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>Program</i>	<i>Bin</i>	<i>Comments (&amp; Slit)</i>
0298.DARK	1200	13:47	06:57:26.0	27:09:40	1200	90	#100 BGGem		
0299.DARK	1200	14:07	07:17:44.1	27:08:15	1200	90	#100 BGGem		