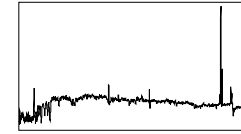
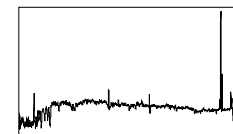
UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

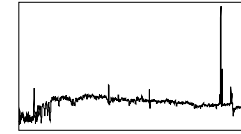
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
1-5.DARK	900	1:15	-	-	300	90	3.0	-		
6-15.BIAS	0	2:31	-	-	300	90	3.0	-		
16-25.FLAT	6	2:33	-	-	300	90	3.0	-		
26-35.BIAS	0	2:36	-	-	300	90	3.0	-		
36-45.FLAT	12	2:39	-	-	300	90	3.0	-		overcast at sunset
0046.COMP	25	4:31	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0047.UGem	300	4:32	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0048.UGem	10	4:43	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0049.UGem	10	4:43	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0046.COMP	30	4:45	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0047.UGem	120	4:46	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0048.UGem	120	4:48	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0049.UGem	120	4:51	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0050.UGem	120	4:53	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0051.UGem	120	4:55	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0052.UGem	120	4:57	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0053.UGem	120	4:59	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0054.UGem	120	5:01	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0055.UGem	120	5:03	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0056.UGem	120	5:05	07:55:05	22:00:03	1200	90	2.0	#121 UGem		seeing degrading

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

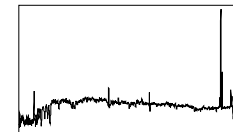
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0057.COMP	30	5:08	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0058.UGem	180	5:09	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0059.UGem	180	5:12	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0060.UGem	180	5:16	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0061.UGem	180	5:19	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0062.UGem	180	5:22	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0063.UGem	180	5:25	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0064.UGem	180	5:28	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0065.UGem	180	5:31	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0066.UGem	180	5:34	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0067.UGem	180	5:37	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0068.COMP	30	5:41	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0069.UGem	180	5:42	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0070.UGem	180	5:45	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0071.UGem	180	5:48	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0072.UGem	180	5:51	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0073.UGem	180	5:54	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0074.UGem	180	5:58	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0075.UGem	180	6:01	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0076.UGem	180	6:04	07:55:05	22:00:03	1200	90	2.0	#121 UGem		

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.UGem	180	6:07	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0078.UGem	180	6:10	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0079.COMP	30	6:14	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0080.UGem	180	6:16	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0081.UGem	180	6:19	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0082.UGem	180	6:22	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0083.UGem	180	6:25	07:55:05	22:00:03	1200	90	2.0	#121 UGem		telescope disabled!
0084.COMP	30	6:32	-	-	1200	90	2.0	-		
0085.COMP	30	7:01	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0086.DVUMa	300	7:02	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0087.DVUMa	1200	7:07	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0088.COMP	30	7:27	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
89-98.FLAT	30	7:29	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0099.HZ44	120	7:42	13:21:19.0	36:23:39	1200	90	2.0	#56 Spectropho		
0100.COMP	30	7:45	13:21:19.0	36:23:39	1200	90	2.0	#56 Spectropho		
0101.HZ44	120	7:49	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0102.COMP	5	7:51	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0103.HZ44	120	7:52	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0104.COMP	12	7:54	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0105.HZ44	120	7:57	13:21:19.0	36:23:39	300	97	3.0	#56 Spectropho		

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.COMP	12	8:00	13:21:19.0	36:23:39	300	97	3.0	#56 Spectropho		
0107.SN2001V	1200	8:02	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0108.COMP	12	8:23	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0109.sn2001ay	1200	8:26	14:26:17.0	26:14:55	300	64	3.0	#2 SN Observat		
0110.COMP	12	8:46	14:26:17.0	26:14:55	300	64	3.0	#2 SN Observat		
0111.145948+48310_a	1020	8:52	15:01:32.6	48:19:08	300	7	3.0	#113 Galaxy In		a = row 113
0112.COMP	12	9:10	15:01:32.6	48:19:08	300	7	3.0	#113 Galaxy In		
0113.151048+07250_b	240	9:13	15:13:10.6	07:17:04	300	90	3.0	#113 Galaxy In		
0114.COMP	12	9:17	15:13:10.6	07:17:04	300	90	3.0	#113 Galaxy In		
0115.151048+07250_a	1020	9:19	15:13:13.1	07:13:33	300	20	3.0	#113 Galaxy In		
0116.COMP	12	9:37	15:13:13.1	07:13:33	300	20	3.0	#113 Galaxy In		
0117.152942+40360_b	1020	9:41	15:31:15.6	40:23:51	300	30	3.0	#113 Galaxy In		
0118.COMP	12	9:58	15:31:15.6	40:23:51	300	30	3.0	#113 Galaxy In		
0119.152942+40360_a	1020	9:59	15:31:30.7	40:25:47	300	30	3.0	#113 Galaxy In		
0120.COMP	12	10:17	15:31:30.7	40:25:47	300	30	3.0	#113 Galaxy In		
0121.153206+12260_b	1020	10:20	15:34:23.9	12:12:50	300	30	3.0	#113 Galaxy In		
0122.COMP	12	10:39	15:34:23.9	12:12:50	300	30	3.0	#113 Galaxy In		
0123.153206+12260_a	1200	11:10	15:34:26.9	12:16:12	300	0	3.0	#113 Galaxy In		flwo60 locked up
0124.COMP	5	11:31	15:34:26.9	12:16:12	300	0	3.0	#113 Galaxy In		
0125.153742+14070_b	900	11:37	15:39:57.5	13:54:14	300	90	3.0	#113 Galaxy In		will get again

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

<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>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0126.COMP	5	11:53	15:39:57.5	13:54:14	300	90	3.0	#113 Galaxy In		
127-131.sky	2	12:10	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
0132.COMP	5	12:29	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
133-142.BIAS	0	12:31	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
143-152.FLAT	6	12:33	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
153-162.BIAS	0	12:36	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
163-172.FLAT	12	12:39	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
173-182.DARK	900	13:00	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		