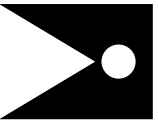


UT Date 04/14/05 Observers Farnham, Knight

Telescope 2.1m Scale 0.19 CCD f3kb Gain 2.30

Filters: 1 OH 2 UC 3 CM 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
kp050414.0001	Dark	R	0	22:17	+0:06	1.896			
kp050414.0002	Bias	R	0	22:50	+0:10	1.001			
kp050414.0003	Bias	R	0	22:53	+0:10	1.001			
kp050414.0004	Bias	R	0	22:54	+0:10	1.001			
kp050414.0005	Bias	R	0	22:56	-0:00	1.000			
kp050414.0006	Bias	R	0	22:57	-0:00	1.000			
kp050414.0007	Bias	R	0	22:59	-0:00	1.000			
kp050414.0008	Bias	R	0	23:00	-0:00	1.000			
kp050414.0009	Bias	R	0	23:01	-0:00	1.000			
kp050414.0010	Bias	R	0	23:03	-0:00	1.000			
kp050414.0011	Bias	R	0	23:04	-0:00	1.000			
kp050414.0012	Dome Flat - R	R	50	23:13	+0:00	2.012			
kp050414.0013	Dome Flat - R	R	50	23:17	+0:00	2.012			
kp050414.0014	Dome Flat - R	R	50	23:19	+0:00	2.012			
kp050414.0015	Dome Flat - R	R	50	23:21	+0:00	2.012			
kp050414.0016	Dome Flat - R	R	50	23:24	+0:00	2.012			
kp050414.0017	Dome Flat - CM	CM	120	23:27	+0:00	2.012			
kp050414.0018	Dome Flat - CM	CM	120	23:31	+0:00	2.012			
kp050414.0019	Dome Flat - CM	CM	120	23:34	+0:00	2.012			
kp050414.0020	Dome Flat - CM	CM	120	23:37	+0:00	2.012			

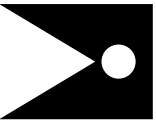


UT Date 04/14/05 Observers Farnham, Knight

Telescope 2.1m Scale 0.19 CCD f3kb Gain 2.30

Filters: 1 OH 2 UC 3 CM 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
kp050414.0021	Dome Flat - CM	CM	120	23:41	+0:00	2.012			
kp050414.0022	Dome Flat - BC	BC	30	23:45	+0:00	2.012			
kp050414.0023	Dome Flat - BC	BC	30	23:48	+0:00	2.012			
kp050414.0024	Dome Flat - BC	BC	30	23:50	+0:00	2.012			
kp050414.0025	Dome Flat - BC	BC	30	23:52	+0:00	2.012			
kp050414.0026	Dome Flat - BC	BC	30	23:53	+0:00	2.012			
kp050414.0027	Dome Flat - GC	GC	10	23:59	+0:00	2.012			
kp050414.0028	Dome Flat - GC	GC	10	0:02	+0:00	2.012			
kp050414.0029	Dome Flat - GC	GC	10	0:03	+0:00	2.012			
kp050414.0030	Dome Flat - GC	GC	10	0:05	+0:00	2.012			
kp050414.0031	Dome Flat - GC	GC	10	0:06	+0:00	2.012			
kp050414.0032	Dome Flat - OH	OH	1800	0:20	+0:00	2.012			
kp050414.0033	Dome Flat - OH	OH	1800	1:14	+0:00	2.012			
kp050414.0034	Dome Flat - C2	C2	30	1:47	+0:00	2.012			
kp050414.0035	Dome Flat - C2	C2	30	1:49	+0:00	2.012			
kp050414.0036	Dome Flat - C2	C2	30	1:51	+0:00	2.012			
kp050414.0037	Dome Flat - C2	C2	30	1:53	+0:00	2.012			
kp050414.0038	Dome Flat - C2	C2	30	1:55	+0:00	2.012			
kp050414.0039	Dome Flat - RC	RC	7	1:57	+0:00	2.012			
kp050414.0040	Dome Flat - RC	RC	7	1:59	+0:00	2.012			

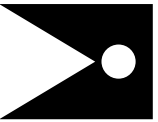


UT Date 04/14/05 Observers Farnham, Knight

Telescope 2.1m Scale 0.19 CCD f3kb Gain 2.30

Filters: 1 OH 2 UC 3 CM 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
kp050414.0041	Dome Flat - RC	RC	7	2:02	+0:00	2.012			
kp050414.0042	Dome Flat - RC	RC	7	2:03	+0:00	2.012			
kp050414.0043	Dome Flat - RC	RC	7	2:05	+0:00	2.012			
kp050414.0044	Focus	R	10	2:30	-3:25	1.698			
kp050414.0045	Comet Machholz 2004 Q2	CM	900	2:43	-3:02	1.432			
kp050414.0046	Comet Machholz 2004 Q2	CM	900	3:00	-2:45	1.402			
kp050414.0047	Comet Tempel 1	R	300	3:22	-3:46	1.737			
kp050414.0048	Comet Tempel 1	R	300	3:29	-3:38	1.673			
kp050414.0049	Comet Machholz 2004 Q2	CM	900	3:44	-2:00	1.341			
kp050414.0050	Comet Machholz 2004 Q2	BC	900	4:02	-1:42	1.322			
kp050414.0051	Comet Machholz 2004 Q2	CM	900	4:19	-1:26	1.307			
kp050414.0052	Comet Tempel 1	CM	900	4:40	-2:27	1.282			
kp050414.0053	Comet Tempel 1	CM	900	4:56	-2:11	1.228			
kp050414.0054	Comet Machholz 2004 Q2	CM	900	5:18	-0:27	1.277			
kp050414.0055	Comet Machholz 2004 Q2	BC	900	5:35	-0:09	1.274			
kp050414.0056	Comet Machholz 2004 Q2	CM	900	5:54	+0:09	1.274			
kp050414.0057	Comet Tempel 1	R	300	6:16	-0:51	1.081			
kp050414.0058	Comet Tempel 1	R	300	6:23	-0:44	1.075			
kp050414.0059	Landolt 104-443	R	150	6:33	-0:05	1.185			
kp050414.0060	Landolt 104-443	R	150	6:37	-0:01	1.184			

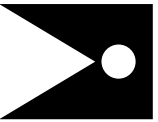


UT Date 04/14/05 Observers Farnham, Knight

Telescope 2.1m Scale 0.19 CCD f3kb Gain 2.30

Filters: 1 OH 2 UC 3 CM 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filter	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
kp050414.0061	Landolt 104-443	R	150	6:41	+0:02	1.184			
kp050414.0062	Landolt PG1657+078	R	150	6:48	-4:08	2.154			
kp050414.0063	Landolt PG1657+078	R	150	6:52	-4:04	2.095			
kp050414.0064	Landolt PG1657+078	R	150	6:56	-4:00	2.037			
kp050414.0065	Landolt 1633+099	R	30	7:02	-3:29	1.669			
kp050414.0066	Landolt 1633+099	R	30	7:04	-3:27	1.654			
kp050414.0067	Landolt 1633+099	R	30	7:06	-3:25	1.637			
kp050414.0068	Comet Machholz 2004 Q2	CM	900	7:12	+1:27	1.307			
kp050414.0069	Comet Machholz 2004 Q2	BC	900	7:30	+1:44	1.322			
kp050414.0070	Comet Machholz 2004 Q2	CM	900	7:47	+2:02	1.341			
kp050414.0071	Comet Tempel 1	R	300	8:08	+1:01	1.091			
kp050414.0072	Comet Tempel 1	R	300	8:15	+1:07	1.099			
kp050414.0073	Comet Tempel 1	CM	900	8:22	+1:15	1.108			
kp050414.0074	Comet Tempel 1	BC	900	8:39	+1:32	1.136			
kp050414.0075	Comet Tempel 1	R	300	8:58	+1:51	1.175			
kp050414.0076	Tempel 1 Cal field - April 13 2005	R	300	9:08	+2:00	1.198			
kp050414.0077	Tempel 1 Cal field - April 12 2005	R	300	9:17	+2:08	1.220			
kp050414.0078	Tempel 1 Cal field - March 12 2005	R	300	9:26	+2:00	1.213			
kp050414.0079	Landolt PG1528+062	R	30	9:35	+0:07	1.113			
kp050414.0080	Landolt PG1528+062	R	30	9:42	+0:15	1.115			



UT Date 04/14/05 Observers Farnham, Knight

Telescope 2.1m Scale 0.19 CCD f3kb Gain 2.30

Filters: 1 OH 2 UC 3 CM 4 BC 5 C2 6 GC 7 RC 8 R Program _____

Disk Image	Title	Filt	Exp Time	UT Start	Hour Angle	Air Mass	Focus	FW HM	Comments
kp050414.0081	Landolt PG1528+062	R	20	9:45	+0:18	1.115			
kp050414.0082	Landolt PG1528+062	R	20	9:47	+0:20	1.116			
kp050414.0083	Comet Machholz 2004 Q2	BC	900	9:54	+4:09	1.583			
kp050414.0084	Comet Machholz 2004 Q2	CM	900	10:11	+4:26	1.633			
kp050414.0085	Landolt 104-443	R	150	10:31	+3:53	2.260			
kp050414.0086	Landolt 104-443	R	150	10:36	+3:57	2.335			
kp050414.0087	Landolt 104-443	R	150	10:42	+4:03	2.441			
kp050414.0088	Comet Tempel 1	R	300	10:50	+3:43	1.717			
kp050414.0089	Comet Tempel 1	R	300	10:57	+3:50	1.777			
kp050414.0090	Comet Machholz 2004 Q2	CM	900	11:08	+5:23	1.841			
kp050414.0091	Comet Tempel 1	CM	900	11:28	+4:21	2.161			
kp050414.0092	Comet Tempel 1	R	300	11:46	+4:39	2.481			
kp050414.0093	Comet Tempel 1	R	300	11:53	+4:46	2.630			
kp050414.0094	Landolt PG1525-071	R	20	12:03	+2:38	1.723			
kp050414.0095	Landolt PG1525-071	R	30	12:05	+2:41	1.741			
kp050414.0096	Landolt PG1525-071	R	30	12:08	+2:43	1.757			