1968 Feb 6.

The only comment about filters used in this book is on page 3 where it is stated that the "Wallace yellow filter λ 4900 is used for all plates in the parallax series.

W.J. van Altena

C.S.T. + 6 hours = G.M.T.

2247

π	Star	R. A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Declination	Steadiness	Transparency	Observer	by	Temp. C	Focal Setting	Plate and Emulsion	Quality	Remarks
			1915															
2001	W Urs. Maj.	9h 38 +56° 21	March 11	9 50 9 59	10 L 11 L	8 8	E 0:28 E 0:19	W	4	4	3	Sull Joy		+42.0	176.9	Cramer medium	g	Wallace Yellow Filter X 4900 is used for all parallax plates unless otherwise stated in this column.
2002	B.D.+27° 2515	13 45 +27 25		14 19 14 33	8½ L 9½ L	12 12	E 0:05 W 0:09	W	4	4	4	Sull Lee	Lee	+1.2	176.7	8319	g	
2003	B.D. 36° 2525	14 42 +36 26		14 50 14 57	7 L 8 L	6 6	E 0:32 E 0:24					Sull Lee					g	
2004	44 c Bootis	15 1 +48°		15 13 15 21	4 L 5 L	6 6	E 0:27 E 0:20					Sull Lee					f	
2006	δ Serpentis	15 30 +10 53		15 35 15 42	5 R 6 R	6 6	E 0:37 E 0:29					Sull Lee					f	
2006	K 35	15 50 +44 47		16:05	5 L	20	E 0:25					Sull Lee					g	
2007	Lal 29439	16 3 38 52		16:27 16:37	10 R 11 R	8 8	E 0:16 E 0:06					Sull Lee					g	
2008	Weisse I 16.906	16 50 -80 10		17:01 17:14	3 L 4 L	10 10	E 0:29 E 0:18					Sull Lee					g	
2009	Lal 31055	17h 0 -4° 55		17:29 17:37	8 L 9 L	8 6	E 0:11 E 0:03	W	4	4	4	Sull Lee					f	
2010	K 26	6 37 44 49	March 13	6 57	0 L	30	E 0:10	W	4	4		Lee		+7.0	177.7	8319	g	Double images due to plate holder slipping.
2011	θ Can Maj.	6 50 -11 55		7 32 7 37	4 5	4 4	W 0:09 W 0:14					Sull Lee					g	

π	Star	R. A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observer	Temp.	Focal Setting	Plate and Focus	Quality	Remarks
			1915														
2012	K 27	7 39 44 48	13 March	7 50 to 8 20	5R	30	E 0.0	W	4	4	2+	Sull Lee				g	
2013	BD. 67° 552	8 28 67° 35		8 38 8 55	7R 8R	16 16	E 0:23 E 0:07					Sull Lee					
2014	Fed 1384	8 47 +71 9		9 17 9 27	8L 9L	8 8	E 0:05 W 0:05					Sull Lee				g	
2015	A 10648	10 8 52 58		9 45 9 55	3L 4L	10 10	E 0:55 E 0:46	W	4	4	2	Sull Lee				g g	
2016	Praesepe	8 34 +20 18	17 March	9 00 9 10	2L 3L 4L	8 8 8	W 0:08 W 0:18	W	2½	3	1-	Sull lease in Lee.	+2.0	176.8		p.	Spot Plate through clouds.
2017	BD 36° 2517	14 37 +36° 10		14 39 14 53	9R 10R	12 12	E 0:16 E 0:01					Sull Joy thin cirr	-2.0	176.2		g	
2018	44 i Bootis	15 1 +47° 59		15 13 15 24	4I 5I	10 10	E 0:04 W 0:07		3	3	2	Sull Joy.				g	
2019	γ Coronae	15h 38 +26° 35		15 44 15 55	7R 8R	10 10	E 0:12 0:00					Sull Joy				f	
2020	K Herculis	16 4 +17 19		16 22 16 31	6I 7I	8 8	W 0:02 W 0:10					Sull Joy.				g	
2021	Eol. 31055	17 0 −4° 55		16 54 17 08	8I 9I	12 12	E 0:23 E 0:09					Sull Joy		[illegible]		p	
2022	K Herculis	16h 4 +17° 19	18 March	16 02 16 11	6L 7L	8 8	E 0:16 E 0:07					Sull Lee thin cirr. clouds.	0.0	176.6		f	

π	Star	R. A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Transp.	Obs'd by	Temp.	Focal Setting	Plate and Emul.	Quality	Remarks
			1915														
2023	97 Monoc	6 41 -0 26	20 March	6 54	3 L	10	W 0.10	W	2	2	2	Leeds using N.W.	+0.6	176.6	8319	1 e/p.f.	Covered upat end of 1st exp.
2024	θ Can. Maj.	6 50 -11 56	27 March	6 53 6 58	4 R 3 R	5 6	W 0.27 W 0.32	W	3	2	2	Lee do in East	+2.4	176.9		g.	
2025	θ Can Maj.	6 50 -11 56		7 13 7 19	3 R 4 R	5 6	W 0.46 W 0.52		3	3		Lee				g.	
2026	K 28	8 41 44° 55		7 36 to 8 26	11 R	50	E 0.43 to W 0.07					Sull Lee				g.	
2027	N.G.C. 3031	9 49 69 28		8 34 to 9 19	11 R	45	E 0.58 to E 0.08					Sull Lee				g.	
2028	A Oe 1644	10 8 5-2 58		9 37 9 57	3 L 4 L	14 14	E 0.07 W 0.06					Sull Lee				g.	
2029	τ Gemino	7 37 +29° 9'	March 28	7 06 7 16	1 R 2 R	8 8	E 0.05 W 0.05	W				Joy Joy				g	
2030	W 8h 2m 24	8 12 -11° 29		7 48 8 02	4 L 5 L	12 12	W 0.04 W 0.16		2	2	4	Sull Joy clear	+2.0	176.1		n.g	wrong center
2031	BBC 47 14	8 35 -22° 27		8 30 8 44	10 R 11 R	12 12	W 0.22 W 0.35					Sull Joy				g	
2032	WB 9h 9m 54	9 46 -11° 49		9 38 9 52	10 R 11 R	12 12	W 0.37 W 0.31					Sull Joy				g	
2033	OΣ 298	15 33 +40° 8		14 19 14 30	5 R 6 R	8 8	W 0.46 E 0.35					Sull Lee	-5.0	175.7		N.G.	Sec 25 No comp. stars.

2 π	Star	R.A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trail	Observer	Sky	Temp.	Focal	Plate and	Quality	Remarks
			1915															
		15 39		14 47	7R	10	E 0:25					St						
2034	γ Coronae	26 35	28 March	14 59	8R	10	E 0:13	W	2	2	2	Le		-5.0			g.	
		16 3		15 20	10R	12	E 0:15					Su						
2035	Lal 29439	38 53		15 34	11R	12	E 0:07					Le					v.p.	
		16 57		16 0	9½R	12	E 0:30					Su						
2036	58 ε Hercul.	+31 3		16 13	10½R	12	E 0:16					Le					g.	
		17 26		16 42	5R	10	E 0:15					Su						
2037	B.G.C. 8038	-0 59		16 57	6R	10	E 0:01					Le					1 g. 1 p. elongated.	
		7 38		7 00	1R	10	0:00					L						
2038	Σ Gemmorum	+29° 9'	31 March	7 11	2R	8	W 0:11	W	2	2	3	L					g.	
		8 34		7 52	6L	6						Sul						
2039	Praesepe	20 18		7 56	7L	6						L					Experiment.	Spot Plate without screen.
		9 49		8 21			E 0:52					Su						
2040	N.G.C. 3031	69 28		9 15	11R	57	W 0:07					L					g	The exposures were too short to be used and so the plate was used for glass scales.
		8 12		7 10	4L	10	E 0:11					L						
2041	W 8.224	+71 29	3 April	7 21	5L	10	0.00	W	2	2		L	Londo	+5.0	177.4		f.	
		8 34		7 53	6L	6	W 0:08					Su				Seed Plate		
2042	Praesepe	+20 18		8 01	7L	6	W 0:15		2-	3		L				Glass.	g.	Spot plate with screen.
				8 09	8L	6	W 0:23											
		9 37		8 36	8L	10	E 0:11					L						
2043	Lal 19022	+43 10		8 48	9L	10	0:00					L					f.	new
		9 25		9 17	3L	10	W 0:40					L						
2044	Lal 18672	+6 5		9 31	4L	10	W 0:54					L					f	new.

π	Star	R.A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definit	Steadin	Trans	Obs	Sky	Temp.	Focal α ++	Plate and G. 1	Quality	Remarks
		1915																
2045	Lal 21258	8 April	11h 1	9 41	9 L	13	E 0:09					Lee						
			+44 0	9 54	10 L	12	W 0:04	W	2	2	1-	Lee	Cirrus & Haze	+11.2	178.2		f.	
2046	7 Sextantis	15 April	9 48	7 48	2 L	10	E 0:18					Sul						
			+2° 5	8 00	3 L	10	E 0 11	W				Joy	Cirrus & haze	+16.0	179.3		f	
2047	31 Leo Min	1	10 23	8 20	6 L	10	E 0:24					Sul						
			+37°9	8 32	7 L	10	E 0:14		2	2	2	Joy	thick				g-	
2048	B.D. 82507	17 April	11 23	9 09	9 R	20	E 0:20					Sul	Cirrus					Trouble with light cable
			+8 8	9 30	10 R	20	E 0:09	W	2	2	2	Lee		+14.0	178.9		N.G.	using Packs 6 V. Battery
2049	31 Leo Min.	24 April	10 23	7 34	6 L	10	E 0:38					Sul						Displaced North about 15'
			+37 9	7 46	7 L	10	E 0:25	W	3	2	3	Joy	moon	+25.0	180.5		f-p.	
2050	Lal 21185		10 58	8 08	9 R	15	E 0:38					Sul						
			+36°36	8 24	10 R	15	E 0:22		2	2	2	Joy					g	
2051	BD 8.2507		11 22	8 54	9 R	16	E 0:17					Sul						Displaced about 10' North & 4' East.
			+8°8	9 12	10 R	16	E 0:01					Joy					v.p.	
2052	Lal. 22667		12 0	9 48	10 L	7	E 0:02					Sul						Displaced about 20' East.
			+3 51	9 55	11 L	7	W 0:05					Joy					v.p.	
2053	58 Ε Herculis		16 57	14 30	10 R	15	E 0:13					Sul					1 fair	
			+31 3	14 46	11 R	15	W 0:03					Joy	thick	+21.0	180.1		1 v.p.	
2054	β Ophiuchi		17 39	15 11	10 L	10	E 0:13					Sul						One π image outside rector.
			+4 36	15 23	11 L	10	E 0:04					Joy					f.	
2055	Z Herculis		17 54	15 58	10 R	15	W 0:18					Sul						
			+15 9	16 14	11 R	15	W 0:34					Joy					g.	

π	Star	R.A. / Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C°	Focal α ++	Plate and F. No.	Quality	Remarks
			1916															
		9 46		7 45	10R	10	W 0:15					Sull						Moonlight on Hyg made finding difficult
2056	W.B.9h 954	-11 49	25 April	7 57	11R	10	W 0:26	W	2	2	2-	Lee	very thick	23.4	180.0		f.	
		10 58.		8 23	10R	15	E 0:20					Sull						
2057	Lal 21185	+36° 36'		8 48	11R	15	W 0:0.2		3	3	1	Lee					f.	Belt trouble on section.
		11 25		9 23	5R	10	W 0:15					Sull						
2058	BD.8°2512	+8° 6'		9 33	6R	10	W 0:25					Lee					g.	
		11 22																
2059	BD.8°2507	+8 8		9 53	9R	14	W 0:47					Sull Lee					g.	one exp only.
	58 ε	16 57		14 18	9½R	12	E 0:14					Sull	clearer.					
2060	Hercules	+31° 31		14 29	10½R	10	E 0:04	W	3	3.	2	Lee		20.4	180.0		h.c.	Wrong field.
		17h 49		14 50			E 0.35					Sull						
2061	K 37.	+48 0		to 15 30	3L	40	to W 0:05					Lee					g	
		17 54		15 48	10R	14	W 0:12					Sull						
2062	Z Heraclis	+15 9		16 04	11R	14	W 0:26					Lee					fg.	Wrong field.
		10 28		7 37	10L	15	E 0:23					Lee	thick mauhoy					
2063	ρ Leonis	9 46	28 April	7 53	11L	15	E 0:07	W	2	3	3	Sull	Hair	24.5	180.5		p.	
		11 37		8 to 10	11L		E 0:56					Sull						
2064	K 31	+44 38		9.00		50	E 0:06					Lees					g.	High Westerwind.
		11 44		9:13	HL	8	E 0:02		2	2	3	Sull						
2065	β Leonis	+15 5		9:23	5L	8	W 0:10					Lee					g.	
		11 59		9 58	10L	6	W 0:22					Sull						
2066	Lal 22667	+3 57		9. 58	11L	6	W 0:18					Lee					g.	

π	Star	R. A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C°	Focal Length	Plate and Exposure	Quality	Remarks
			1915															
2067	58 ε Herculis	16 57 +31 3	April 28	14 21 14 34	10½R 11 R	12 12	E 0.05 W 0.07	W	2	2	3	Sull Lee		14.5	179.0		g.	
2068	Oe A 17415-6	17 37 +68 26		14 56 15 07	0 L 1 L	10 10	E 0.11 0.00					Sull Lee					g. g.	
2069	Z Herculis	17 54 +15° 9'		15 29 15 44	10 R 11 R	15 15	W 0.10 W 0.20					Sull Lee					g. g.	
2070	RX Herculis	18 26 12 32		16 08 16 15	2 R 3 R	6 6	W 0.12 W 0.19					Sull Lee					g. g.	
2071	β Ophiuchi	17 39 +4 36	April 29	14 31 14 43	8 I 9 I	10 10	E 0.33 E 0.21					Sull Joy		+13.0	178.6		g	
2072	Z Herculis	17 54 +15° 9		15 4 15 21	10 R 11 R	16 16	E 0.12 0.0		2	2	4	Sull Joy					g	
2073	φ Draconis	18 22 +71° 17		15 46 16 0	9 I 10 I	12 12	E 0.03 W 0.10					Sull Joy					g p	one image on edge of seeta
2074	Oe A 17415-6	17 37 +68° 26'	May 1.	14 25 36	0 L 1 L	10 10	E 0.30 E 0.18	W				Sull Rowds & Haze. Lee		+6.4	177.8		g.	
2075	13 D 8.2507	11h 23 +8° 7.8	May 5	8 30 8 47	9 R 10 R	15 15	W 0.04 W 0.20	W				Sull Joy		+13.0	178.6		g	
2076	Tal 22667	11 59 +3° 51		9 5 9 19	10 I 11 I	6 6	W 0.03 W 0.16		2	3	3	Sull Joy	clouds				g	
2077	12 Can. Ven	12 52 +38° 48		9 38 9 50	10 I 11 I	10 10	E 0.18 E 0.05					Sull Joy	clear				p	

#	Star	R. A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp.	Focal Length	Plate and Grade	Quality	Remarks
			1915															
2078	Z Herculis	17 54 +15 09	5 May	14 17 35	[illegible] 11 R	16 16	E 0:40 E 0 22	W	3	2	1	Sull Lee	Thick clouds	+10.0	178.2		f	
2079	RX Herculis	18 26 +12 32		14 59 15 12	2 R 3 R	10 10	E 0:30 E 0:16					Sull Lee					W	
2080	RX Herculis	18 26 12 32		15 26	2 R 3 R	10	E 0:02					Sull Lee	Guide shut down 15:30				W.	One exp. only.
2081	Z Herculis	17 54 +15 09	9 May	14 33 14 49	10 R 11 R	15 15	E 0:10 W 0:07		2	2	4	Sull Joy		+7.0	177.7		f	
2082	RX Herculis	18 26 +12 32	9 May	15 28 15 38	2 R 3 R	10 10	W 0:13 W 0:25					Sull Joy					f	
2083	12 can. Ven	12 52 +38°48'	13 May	9 13 9 44	10 L 11 L	10 06	E 0:11 W 0:02		2	2	2	Sull Joy	clouds.	+8.0	177.9		J. f.	2d cut short by clouds weak
2084	Leonis	11 44 +15°45	22 May	7 49 8 00	4 L 5 L	8 8	W 0:08 W 0:20	W	2	1	2	Lee Sull	passing clouds	14.0	178.8		f.	
2085	β Comae	13 7 +28 20		8 20 9 09	7 L 7½ L	10 10	E 0:40 W 0.08		4	2	2	Sull Lee					g	
2086	Σ 1785	13 44 +27 29		9 33 9 48	4 L 5 L	10 10	E 0:05 W 0:10					Sull Lee					f.	
~~2087~~	K 39	19 47 +44 55		14 57 15.35	11 L	10±	E 0:45 to					Sull Lee.						Clouds passing continually.
2087	Σ 1785	13 44 +27 29	26 May	8 54 9 07	4 L 5 L	12 12	E 0 30 E 0 16	W	2	2	1	Sull Lee	thick Clouds.	9.6	178.2		f. f.	

No.	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C°	Focal Length	Plate and Filter	Quality	Remarks
			1915															
2088	B.C.C. 6711	13 59 +8° 58	26 May	9 30 9 42	6L	10	E 0:10 W 0:02					Sull Lee					f.	
2089	K 39	19 47 +44° 46'	29 May	14 13 15 13	11L	60	E 1:0 to E 0:10	W	3	2	4	Sullivan Lee	clouds	8.8	178.0		g.	
2090	β Aquilae	19 50 +6° 9		15 20 15 29	6L 7L	8 8	W 0:02 W 0:11					Sull Lee					g.	
2091	β Comae	13h 8 +28°20	30 May	8 3 8 16	7 I 7½ I	10 10	E 0:09 E 0:16					Sull Joy	clear	14.0	179.0		g	
2092	B 612	13 35 +11° 12		8 33 8 48	8 I 9 I	12 12	E 0:27 E 0:14		4	4	4	Sull Joy					g	
2093	Oxford +25°8607	13 55 +25° 38'		9 18 9 30	8 R 9 R	10 10	E 0:07 W 0:11					Sull Joy					g g	
2094	B.C.C. 6711	13 59 +8° 58		9 48 9 57	6 I 7 I	8 8	W 0:23 W 0:33					Sull Joy					g g	
2095	K 39	19 47 +44. 55		14:13 to 15:13	11 I	60	E 0:57 to W 0:03		2	2	3	Sull Joy					p. ~~f.~~ g.	weight on telescope fell and plate slipped - double exposure
2096	ε Delphini	20 28 +10° 59		15 30 15 36	2 R 3 R	5 3	E 0:22 E 0:16					Sull Joy	Daylight	14.0	180.5		v.p	
2097	B 612	13 35 +11° 12	6 June	8 22 8 38	8 I 9 I	16 16	E 0:10 W 0.05					Sull Joy	light clouds				g	
2098	Oxford +25°8607	13 55 +25° 38		9 2 9 13	10 R 11 R	10 10	W 0:06 W 0:22		2	3	3	Sull Joy					g	

π	Star	R. A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp.	Focal Length	Plate and Grade	Quality	Remarks
			1915															Interrupted by clouds
2099	BGC 6711	13 59 +8° 58	6 June	9 38 9 54	6L 7L	8 6	W 0:40 W 0:58	W	2	3	3	Sull Joy				8319	f	
2100	B. D. 36° 2525	14 42 36 26	9 June	9 14 9 26	7L 8L	10 10	E 0:40 W 0:02	W	2	2	4	Sull Lee	not cleared	+11.8	212.8		g.	
2101	B.G.C. 6842	14 18 +8° 54	"	9 46 9 54	10½L 11L	8 8	W 0:42 W 0:50					Sull Lee					p.	news.
2102	γ Aquilae	19 42 10 24	"	14 08 14 11	8L 9L	4 4	E 0:17 E 0:13	W	2	3	4	Sull Lee					f.	
2103	ζ Aquilae	19 45 8° 38	"	14 26 14 35	2R 3R	10 8	E 0:04 W 0:06					Sull Lee					f.	
2104	N.G.C. 6940	20 30 +27 58	"	14 to 49 14 58	2½L	9	E 0:29 to					Sull Lee					N. G.	Trail. Cut off by clouds at 14.58
2105	Oxford +25°42937	14 24 +24° 13	13 June	9 01 9 20	4R 5R	12 10	W 0:07 W 0:24		3	4	3	Sull Joy	passing clouds	15.5	213.7		p	interrupted many times clouds
2106	δ Serpentis	15 30 +10° 58'		9 51 10 01	5R 6R	10 10	E 0:10 W 0:01					Sull Joy					g	
2107	ε Delphini	20 29 +10° 0		14 31 14 39	2R 3R	5 5	E 0:25 E 0:19					Sull Joy		12.0	213.1		g	
2108	6 Delphini	20 33 +14° 15'		14 52 15 3	1L 2L	10 10	E 0:10 0		3	3	4	Sull Joy					g	
2109	Oxf. +25°42937	14 24 24° 13'	16 June	8 41 8 52	4R 5R	10 10	E 0:01 W 0:10					Sull Lee		19.0°	214.0		N. G.	

π	Star	R.A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Trans.	Obser.	Sky	Temp.	Focal	Plate and	Quality	
			1915															
2110	~~B.D.~~ Cnf.	14 24		9 06	4R	10	W 0:24					Sull						
	+25°42'37	24 13	16 June	9 16	5R	10	W 0 35	W	3	3	3	Lee					N.G.	
2111	K 35	15 50		9 35			E 0:34					Sull					g.	
		+44°47		10 05	5L	30	E 0:03 (20)	W				Lee.						
2112	ε Delp	20h29		14 36	2R	5	E 0 12					Sull			218.0		g	wonderful aurora, ray-like streamers except SW to a point about 10° W. of Altair near meridian. Pulsations.
		+11°		42	3R	5	E 006		3	2	3	Lee						
2113	ε Delp.	"		14 51	2R	5	W 003					Sull					g	
				56	3R	5	W 0.11					Lee						
2114	B Delp.	20h33		15 10		10	W 0:26					Sull					g	
		+14°15		21		10	0:29					Lee						
2115	δ Serpentis	15 30		9 48		10	W 0 03					Jay						
		+10°53	17 June	9 56		8	W 0.11		2	2	2	Jay	thick	14.0	213.4		p	cutoff by clouds
2116	Oxford	14 24		8 45	4R	12	W 0.18					Sull						
	+25°42'37	+24°13'	20 June	8 57	5R	12	W 0:32		2	3	3	Jay		18.0	214.0		f	
2117	BeA	15 5		9 23	4L	16	W 0:17					Sull						
	14318-22	-15°57		9 42	5L	16	W 0:34					Jay					g	
2118	ε	20 42		14 15	8L	6	E 0:14					Sull						
	Cygni	+33°36	24 June	14 23	9L	6	E 0:03		2	2	3	Jay						
				14 31	10L	6	W 0:03					Sull		13.0	213.5		f	
2119	Dal	20 57		14 47	2L	8	W 0:04					Sull						
	40728	40 2		14 57	3L	8	W 0:15					Jay					g	
2120	δ Delp.	15 30		8 29	5R	10	E 0:42					Sull						
		10°53	26 June	39	6R	8	E 0:30	W				Lee	thick.	21.0	214.5	8319.	f.	Image poor.

π	Star	R.A. Decl	Date	C.S.t.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Tr	Observers	Sky	Temp.	Focal	Plate and	Remarks
			1915														
2121	K 35	15 50 44 47	26 June	8 52 to 9 22	5L	30	E 0:35 to E 0:05	W	4	4	2	Sull Lee	Hazy.			g	
2122	Lal 29439	16 13 38 52	"	9 35 9 52	10R 11R	15 15	E 0:07 W 0:07					Sull Lee				g g	
2123	6 Delph.	20 33 +14° 15	"	14 21 14 31	1L 2L	10 10	W 0:07 W 0:19	W	2	2	1	Sull Lee	V. Thick	17.0	214.0	g g	
2124	"	"	"	14 45 14 56	1L 2L	10 10	W 0:31 W 0:44		3			Sull Lee				g g	
2125	K Pegasi	21 40 25° 14	"	15 12 15 21	5R 6R	8 8	E 0:07 W 0:02		3	3	2	Sull Lee				g g	
2126	OeA 14318	15 5 -15° 57	27 June	08. 36 8 51	4L 5L	15 15	E 0:04 W 0:11		3	3	2	Sull Joy		21.9	214.5	g	Trail 3 Libræ
2127	δ Serpentis	15 30 +10 53		9 18 9 29	5R 6R	10 10	W 0:09 W 0:23					Sull Joy				f	
2128	K Herculis	16 4 +17 19		9 45 9 52	6L 7L	6 6	W 0:06 W 0:13					Sull Joy				g	
2129	δ Serpentis	15 30 10 53	30 June	8 29 8 40	5R 6R	8 8	E 0:26 E 0:15	W	3	2	4	Sull Lee	Clear	25.8	215.6	f	Nighthawks in Dome.
2130	K Herculis	16 4 17 19		9 04 9 14 9 21	8L 7L 8L	6 6	E 0:25 E 0:14 E 0:05					Sull Geer. Lee.				g.	
2131	WI 16.906	16 50 -8 10		9 44 9 58	3L 4L	12 12	E 0:30 E 0:18					Sull Lee				g.	

π	Star	R.A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definit.	Steadin.	Transp.	Observer	Sky	Temp.	Focal	Plate and	Quality	Remarks
			1915															
2132	Lal 40728	20 57 40 2	30 June	14 16 25	2L 3L	8 8	E 0.03 W 0.06	W	2	2	2	Sull Lee	clouds at edges				g.	
2133	Lal 40844	21 1 6 44	"	14 57 15 03	7R 8R	8 8	W 0:26 W 0:39					Sull Lee					g.	
2134	K Pegasi	21 41 25 14		15 19 15 28	5R 6R	8 8	W 0:15 W 0:25		2	2	3	Sull Lee					v.p.	
2135	δ Serpentis	15 30 +10 53	1 July	8 54 9 12	5R 6R	10 10	W 0:03 W 0:17		4	3	2	Sull Joy	clouds	24.5	215.1		p	interrupted several times by clouds
2136	Weisse 16.906	16 50 -8 10		9 42 9 55	3L 4L	12 12	E 0:28 E 0:15					Sull Joy					g	
2137	δ Equulei	21 10 +9 39		14 24 14 36	3L 4L	12 12	E 0.05 W 0:08		3	2	3	Sull Joy		21°			f	
2138	m Cygni	21 40 +28 18		14 53 15 05	4R 5R	10 10	E 0:05 W 0:07					Sull Joy	haze				g	one image of π
2139	58 ε Herculis	16 59 +31 3	4 July	9 15 9 30 9 43	10½R 11R 11⅓	12 12	E 0:49 E 0:34 E 0:20	W	2	2	3	Sull Carr.	Just after shower.	16.2	214.0	Just. 950 8619	v.p.	About as fast as the fast Just. 950 8319.
2140	1 Pegasi	21 18 +19 29	"	14 04 14 18	9R 10R	10 10	E 0:20 E 0:05	W	3	3	4	Sull Carr		12.6	213.1		g	Lowest of all the preceding.
2141	1 Pegasi	21 19 +19 29	"	14 32 14 42	9R 10R	10 8	W 0:10 W 0:19					Sull Lee					g.	
2142	K Pegasi	21 41 +25 14	"	14 57 15 07	5R 6R	8 8	W 0:10 W 0:20					Sull Carr					g.	

#	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp.	Focal	Plate and	Quality	Remarks
			1915															
2143	K Pegasi	21 40	4 July	15 19	5R	8	W 0 32	W	3	3	4	Sull				Instr. 280		
		+25° 14		15 29	6R	8	W 0.42					Lee				8619	g.	
2144	K Herculis	16 4	8 July	9 04	6L	6	W 0.08					Sull						
		+17 19		9 12	7L	6	W 0.17	W	4	4	3	Carr	Clouds & Haze	20	214.4		f.	
2145	K Herculis	16 4	8 July	9 21	6L	4	W 0.26					Carr						
		+17 19		9 26	7L	4	W 0.30					Lee					f.	
2146	58e Herculis	16 57	8 July	9 39	10½R	10	E 0.02					Sull.						
		+31 3		9 51	11R	10	W 0.10					Carr					N. G.	
2147	B.D.	22 9	"	14 18	6R	8	E 0.41					Carr						
	58° 2402	+58 59		14 28	7R	8	E 0:31	W	4	4	4	Sull	Clear	17	214.0		f.	
2148	B.D.	22 9	"	14 47	6R	8	E 0:40					Sull						
	58 2402	+58 59		14 56	7R	8	E 0: 8					Lee					g.	
2149	60 Kruger	22 24		15 10		15	E 0:23											
		57 12		15 12		30												
				15		45												
				15		60												
				17	9R	90											g.	Speed test
				19	10R	120												
				22	11R	150												
2150	K 35	15 49	11 July	8 10½			E 0:16					Sull						
		44 47		8 41	5L	29	W 0:10	W	4	3	3	Lee	Clear	26	215.5		g.	
2151	58e Herculis	16 57	"	8 55	10R	10	E 0:40					Sull						
		+31 3		9 7	10½R	10	E 0:30					Lee						
				9 21	9½R	10	E 0:15					Hawkes					g	
2152	μ Cygni	21h 40	12 July	14 25	4R	12	W 0:16						v Thick Haze	20.6	214.6			
	μ Cygni	28 15		38	5R	12	W 0 20	W	3	3	1	Sull					v.p.	
					4							Lee						
2153	μ Cygni	21 40	"	14 56	4R	10	W 0 35					Carr					1.p.	Tel. struck pier while starting 2nd Exp.
		28 18		~~15 5~~	~~5R~~	~~10~~												

#	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Declination	Steadiness	Transparency	Observers	Sky	Temp.	Focal	Plate and	Quality	Remarks
			1915															
2154	κ Herculis	16 4		8:18	ZL	6	0.10					Sull						
		+17 19	15 July	8:25	8L	6	E 0.08	W	4	3	2	Lee	Haze & clouds	26.6	215.6			
2155	κ Herculis	16 4		8:44	ZL	6	W 0:14					Sull						
		+17 19	15 July	8:52	8L	6	W 0:23					Sull						
2156	58 ε Herculis	16 57		9 11	10R	12	E 0.02					Sull						Lightning & clouds in West.
		+31 3	"	9 25	10½R	12	W 0:14					Lee						
2157	58 ε Herculis	16 57		8 28	10 R	10	E 0:40					Lee						
		31 3	17 July	8 41	10½R	10	E 0:26	W	4	3	3	Lee	Clouds	27	215.7			
2158	58 ε Herculis	16 57		8 57	10 R	10	E 0:16					Lee						
		31 3	"	9 09	10½R	10	E 0.04		4	4	4	Lee						
2159	RX Herculis	18 26		9 50	2R	6	E 0.35					Lee						
		+12 32	"	9 57	3R	6	E 0:43					Lee						
2160	Lal 42883-5	21 55		14 05	4L	7	E 0:04					Sull						
		29° 24	"		5L	7		W				Carr		23.6	215.1			Interrupted by clouds.
2161	α 4 Cassiop	17h 26		9:54	5R	10	W 0:30	W	3		2	Sull						From 21 July to Sept 1. 1915.
		-0 1	21 July	10:09	6R	10	W 0:45					Carr		20	214.4	g		Parallax observations were
2162	BD 13°5006	22h 47m		3:04	6R	10	W 0:12	W				Sull						carried on by F. R. Sullivan
		+13 31	21 July	2:	7R	10	W 0:27	W	2	2	2	Carr		15	213.6	g		assisted by Mr. Carr and Miss
2163	41 Herculis	16 41		8:27	2L	10	E 0:10					Sull						Hawkes in the absence of
		+6 15	22 July	8:38	3L	10	E 0:4		3	2	2	Sull		26.6	214.6	g		O. J. Lee, travelling in the
2164	77 A Herculis	17 24		9:04		12	E 0:15					Sull						West.
		+48 26	"	9:18		12	E 0:4					Sull				g		

π	Star	R.A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Trans.	Observer	Sky	Temp.	Focal	Plate and	Quality	Remarks
2165	β Ophiuchi	17 39 +4 36	22 July	9:41 9:53	8L 9L	10 10	W 0:5 W 0:17					Sull Sull					g	
2166	73 D 18°3424	17 35 +18 37	25 July	9:48	9L	20	W 0:25		2	3	2	Sull		18.9	214.3		g	One Exp.
2167	β Ophiuchi	17 39 +4 36	29 July	10:01 10:12	10L 11L	10 10	W 0:43 W 0:56		4	3	2	Sull Sull		21.0	214.5		g	
2168	β Ophiuchi	17 39 +4 36	5 Aug	8:29 8:40	10L 11L	10 10	E 0:12 E 0:2		3	2	2	Sull Sull		15.5	213.6		g	
2169	Z Herculis	17 54 +15 9	"	9:8	10R		W 0:12					Sull					N.G.	
~~2170~~	β Ophiuchi	17 39 +4 36	7 Aug															Clouds prevented exposure
2170	B.D. +14°3274	23:12 -14 16	7 Aug Sat. a.m.	2:32 2:44	10R 11R	10 10	W 0:27 W 0:39	W		½	2	Sull Sull		20°	214.4		N.G.	Wrong guiding star
2171	Lam 32805	23 46 20 24		1:26 1:38	4L 5L	10 10	W 0:49 W 1:	W	4	3	2	Sull Cam					f	
2172	β Ophiuchi	17 39 +4 36	8 Aug	7:51 8:04	10L 11L	10 10	E 0:32 E 0:26					Sull Sull		24.3	214.7		g	
2173	73 D 18°3424	17 35 +18 37	"	8:42	9L	30	W 0:25		4	2	3	Sull					g	One good exp.
2174	RX Herculis	18 26 +12 32	"	9:19 9:24	2R 3R	8 8	W 0:8 W 0:16					Sull Sull					f.	

π	Star	R.A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Tr.	Sky	Temp.	Focal	Plate and	Quality	Observer
			1915														
2175	ε Delphini	20 28 +10 59.	8 Aug	9:50 9:56	2R 3R	5 5	E 1:24 E 1:27			2						fp	Sull Sull
2176	Lam 32805	23 46 2 24	8 Aug	14: 48.5 14 55	4L 5L	8 8	W 0:10 0:23	W	2	3	3		14.6	214.3		f	Sull Carr
2177	ω Androm	1 22 44 53		15: 27 32 15 49	6L 1½L	10 10	E 0:50 E 0:22	W	2	3	3					g	Sull Carr
2178	BD 18.3424	17 35 +18 38	14 Aug	8:41	9L	30	W 0:42		2-3	2	2		25.0	215.2		f	Sull
2179	RX Herculis	18 28 +12 32	"	9:13 9:23	2R 3R	8 8	W 0:21 W 0:31									f	Sull Sull
2180	RX Herculis	"	"	9:36 9:45 9:55	2R 3R 3½	8 8 8	W 0:46 W 0:56 W 1:04									g	Sull Sull Hartzler
2181	Lam 32805	23 46 2 24	"	14:39 14 50	4L 5L	8 8	W 0:22 0 33		2	3	3		19.5	214.3		g	Sull Carr
2182	β Arietis	1 49 20	"	15 14 15 26			E 1:8 E 0:55									v.p.	Sull Carr
2183	i Persei	3 2 49 16	"	15:58½ 16:00			E 1:49½ 1:27									f.	Sull Carr
2184	Wrisse I 16.906	16 54 -8 10	15 Aug	7:58	3L	15	W 0:45		3	2			25.0	215.2		f.	Sull One exp. & Trail
2185	BD 18.3424	17 35 +18 36	"	9:01	9L	30	W 1:05									v.p.	Sull One exp only.

π	Star	R.A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp.	Focal	Plate and	Quality	D.	
2186	35° 3972	20 4.2 +35 39.7	15 Aug	9:38 9:50	6 R 7 R	10 10	E 0:49 0:30					Sull. Sull					g		
2187	α Andron	0 4 28° 36	" "	14:21 14 33	?		E 0:2 W 0:5		2	3	2	Sull Carr					v. p.		
2188	β Arietis	1 49+ 20 19+		14 56½ 15 09	10 R	10 10	E 1:15 E 1:02		2	3	2	Sull Carr					p.		
2189	δ Persei	2 7 50° 40'		16 00	0 L		E 0:26		2	3	2	Sull	~~no ?~~	22.8	21.5		v. p.		one exposure only
2190	α Ophiuchi	17 30 12 37	18 Aug	7 49 7 55	8 R 9 R	6 6	W 0:5 0:13	W	2			Sull Carr		18	214.		f		
2191	ζ Herculis	17 54 15 9		8 18 8 35	10 R 11 R	15	W 0:15 0:30		1	2		Sull Carr					g		
2192	β Lyrae	18 47 33 15		9 ~~3~~ 9 13	16 L 11 L	8 8	W 0:6 W 0:15		2	3		Sull Carr					f.		Tel struck pier on last exposure
2193	BD 36°3972	20 4.2 36 40		9 38		10	E 0:45		3	3		Sull Carr					g		
2194	η cassiopeiae	0 43 +57°17		14 39 14 50	1 I 2 I	9 9	E 0:15 E 0:02		4	4	4	Sull Joy		14.5	213.5		g		
2195	K 21	1 36 +45°7		14 8 to 14 53	1 I	45	E 0:38 to +0.07					Sull Joy					f		
2196	δ Persei	2 8 +50°40		16 6 16 16	7 I 8 I	8 8	E 0:14 0:00					Sull Joy					g		

π	Star	R.A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp.	Focal	Plate and	Quality	
2197	ε Draconis	18 22 +71° 17′	19 Aug	8 22 8 36	9 I 10 I	15 off	E 0.02 W 0:06	W	1	2	1	Sull Jay	clouds + haze	19.0	214.0			cut off by clouds
2198	φ Draconis	18 22 +71 17	21 Aug	7:31 7:50	9 L 10 L	15 15	E 0:43 E 0:26		3	3	2	Sull Sull		20.0	214.4		g	
2199	2 Herculis	17 54 +15 9	"	8:18 8:35	10 R 11 R	15 15	W 0:29 W 0:46					Sull Hawkes					g	
2200	BD 35° 3972	20 42 +35 40	"	9:38 9:09	2 R 3 R	10 10	E 0:58 E 0:48					Sull Sull					f	
2201	ε Delphini	20 29 +11 0	"	9:32 9:40	8 R 9 R	5 5	E 0:48 E 0:42					Sull Sull					g	
2202	ε Delphini	20 29 +11 0	"	9:49 9:55	8 R 9 R	5 5	E 0:32 E 0:25					Sull Sull		~~17.0~~	~~213.9~~		N.G.	Plate spoiled in washing
2203	ω Androm	1 22 44 53	"	14:34 14:46	9 L 1 L	10 10	E 0:45 0:34		3	2	2	Sull Carr	Dull	17.0	213.9		f	Elongated.
~~2204~~ ~~BD 15°250~~	BD 15° 250	1: 51 15 36	"	15 20 15 38	2 L 3 L	15 15	E 0:30 E 0:10		3	2	2	Sull Sull					f	
2205	6 Persei	2 8 50 40	"	16:03 16:13	7 L 8 L		E 0:3 W 0:8					Sull Carr					f	
2206	2 Herculis	~~17~~ 54 +15 9	22 Aug	7:49 8:04	10 R 11 R		W 0:3 W 0:19		3	2	2	Sull Sull		24.5	215.0		N.G.	Identification doubtful on account of trails
2207	β Delphini	20 33 +14 15		8:56 9:08	1 L 2 L		E 1:30 E 1:17					Sull Sull					p.	

2 π	Star	R. A. Dec	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition Steadiness	Thin Sky	Observers	Sky	Temp.	Focal	Plate and	Qual.	
			1915														
2208	β Delphini	20 33 +14 15	22 Aug	9:22 9:34	1L 2L	10 10	E 1:02 E 0:47				Sull Sull					p	Elongated
2209	γ Delphini	20 42 +15 46	"	9:51 10:02	10L 11L	10 10	E 0:40 E 0:32				Sull Sull					f	
2210	K 24 Aquarii	1 34 45 57	"	14 57	0L	45	E 0:33	2 3 2			Sull Carr	Hazy	19.5	214.3		g	
2211	β Arietis	1 49 20 19	"	15 40 15 52	10R 11R	10 10	E 0:3 W 0:9				Sull Carr					f	
2212	Piazzi	2 31 6 07	"	16 17 16 28	9R 10R	10	E 0:9 W 0:2				Sull Carr					p	
2213	α Offenadi	17 30 12 38	Aug 25	7 29 7 40	8R 9R	C C	W 0: 12	4 2 2			Sull Carr	clearing thin clouds in west	19.	214.2		g	
2214	Z Herculis	17 54 15 9	"	8:04 8 23	10R 11L	15 15	W 0:27	4 2 2			Sull					g	
2215	0° 3676	19 8 −0 44		9:03 9 28	0L 1L	20 20	W 0:12 0:32									g	
2216	α Ophiuchi	17 30 +12 35	26 Aug	7:27 7:40	8L 9L	6 6	W 0:17 W 0:30	2 2			Sull Sull		14	213.3		f	clouds.
2217	β Lyrae	18 47 +33 16	"	8:37 8:46	9L 10L	8 8	W 0:11 W 0:20				Sull Sull					f	Streak fuzz
2218	β Delphini	20 33 +14 15	"	9:7 9:19	0L 1L	10 10	E 0:37 E 0:08				Sull Sull					g	

π	Star	R. A. Decl	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definit.	Steadi.	Tr.	Observers	Sky	Temp.	Focal	Plate and	Qual.	
			1915															
2219	BDelphini	20 33 +14 15	26 Aug	9:35	OL	10	E 0:39	W	2	2	3	Hawkes Sull					f	One exp on π gord
				9:46	1L	10	E 0:27											
2220	φ Draconis	18 22 +71 17.	28 Aug	7:36	9L	12	E 0:22					Sull					g	
				7:50	10L	12	E 0:09		3	2	2	Sull	19	214·2				
2221	RR Lyrae	19 22 +42 36	"	8:14	5R	10	E 0:42		3	3	2	Sull					g	
				8:26	6R	10	E 0:30					Hawkes						
2222	B.D. 10289 C.	20 27 -10 12	"	9:01	10L	10	E 1:00					Sull					g	
				9:13	11L	10	E 0:50					Sull						
2223	γ Delphini	20 42 +15 46	"	9:32	10L	10	E 0:45		3	2	2	Sull					g	
				9:44	11L	10	E 0:34					Hawkes						
2224	w andromi	1 22 44 53	"	14:38	0L	10	E 0:10					Sull					g	
				14 49	1L	10	W 0 2					Carr	14	213.5				
2225	o Ceti	2 15 3 22	"	15 26		15	E 0:14					Sull					g	
				15 42		15	W 0:02					Carr						
2226	Piazzi 2.123	2 31 6 27	11	~~16:04~~ ~~15:54~~ 16:15		10	W 0:17 W 0:18		3	2	2	Sull Carr					f.	
2227	B.D. 10289 G.C.	20 27 -10 12	29 Aug.	9:03	10L	10	E 0:50		2	2	3	Sull					g	
				9:15	11L	10	E 0:38					Sull	13	213.1				
2228	ε Cygni	20 42 +33 36	"	9:41	8L	6	E 0:34		1-2	2	3	Sull					g	
				9:49	9L	6	E 0:27					Hawkes						
2229	K 38	18 46 +45° 8'	1 Sept	7 to 24 8 12	1L	~~10~~ 8	E 0:33 W 0:14	W				Sull Lee	Hazy. No clouds.	20.5	214.4	Seed 17	N. Ga	accident

No.	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp.	Focal	Plate and Quality	
			1915														
2230	RR Lyrae	19 22 +42° 36	1 Sept.	8 29 8 40	5 R 6 R	10 8	E 0:07 0:00	W	3	3	3	Bigelow Sull Lee	Sud 27			N.G.	
2231	N.G.C. 6940	20 30 +27 58	"	8 to 54 9 30	9 L	36	E 0:57 to E 0:15					Sull Lee				N.G.	
2232	N.G.C. 663	1 39 +60 44	"	14 to 21 15 to 14		53	E 0:31 W 0:20					Sull Lee	Clear	17.6	214.0	— N.G.	Trail.
2233	Piazzi 2.123	2 31 +6 27	"	15 39 15 48	9 R 10 R	8 8	E 0:06 W 0:05		4	4	3	Sull Lee				— N.G.	
2234	K 23	3 39 +45 4	"	16 to 07 16 39	5 L	32	E 0 to 44 E 0:12					Sull Lee				— N.G.	
2235	K 38	18 46 45° 8	2 Sept.	7 to 16 8 to 06	3 R	50	W 0:11	W	3	3	2	Sull Lee	Clear	22.6	214.9	— N.G.	
2236	RR Lyrae	19 22 42° 36	"	8 20 8 33	5 R 6 R	10 10	E 0:10 W 0:07					V.B. Sull.				— N.G.	
2237	B.D. 36° 3883	20 ? +36 19	"	8 54 9 02	3 R 4 R	6 6	E 0:20 E 0:13					V. B. Sull				— N.G.	
2238	K 40	20 h 47 +45°	"	9 to 16 10 00	11 R	44	E 0 to 40 W 0:04					Sull Lee				Iso g.	
2239	K 38	18 46 +45° 8'	4 Sept.	7 to 10 8 00	1 L	50	E 0 38 W 0 12	W	3	2	2	Lee Sull	Haze Low Clouds.	24.5	215.7	Iso g.	
2240	RR Lyrae	19 22 42 36	"	8 11 8 23	5 R 6 R	8 8	E 0:18 E 0:04					van B. Sull				g	

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definit	Steadin	Transp	Observer	Sky	Temp.	Focal	Plate and	Qual.	
			1915															
2241	B.D. 36°3883	20 4 +36 19	4 Sept.	8 42	3R 4R	3-4 6	E 0:26	W				van B	clouding up.				v.p.	One poor exp.
2242	K 38	18 46 +45 8	9 Sept.	7+0 7 43	3R	7:22½	E 0 30	W	3	2	4	Lee	V. clear	20.4	214.4		g.	
2243	BD -0°3676	19 9 -0 44	"	8 09 8 31	0L 1L	20 20	W 0:15 W 0:42					van B Sull					g	
2244	N.G.C. 6940	20 30 +27 58	"	8 57 to 9 31	8L	40	E 0:23 to W 0:17					Sull van B					g	
2245	1 Pegasi	21 18 19 25	"	9 47 9 56	9R 10	8 8	E 0:12 E 0.04					Sull Lee					g	
2246	R. R. Lyrae	19 22 42 36	18 Sept.	7 02 7 13	5R 6R	10 10	E 0:28 E 0:16	W	3	3	3	van B. Lee	Clear	21.6	214.6		g	
2247	BD +36°3883	20 4 +36 19	"	7 47 7 55	3R 4R	6 6	E 0:25 E 0:17					Lee van B					g.	
2248	N.G.C 6940	20 30 27 58	"	8 10 8 53	8L	43	E 0:27 W to 0:15		3	3	3	van B. Sull	Scattered clouds.				g.	
2249	1 Pegasi	21 18 19 25	"	9 05 9 17	9R 10R	10 10	E 0:15 E 0 7		2	2	3	van B Lee					g.	
2250	μ Cygni	21 40 28 18	"	9 35 9 48	3R 4R	10 10	E 0:12 0:00		3	3	3	van B Sull					g.	
2251	μ Cygni	"	Exposures of		10s	5s	4s, 3s, 2s	1s				10s					g	

No.	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp.	Focal Length	Plate and Grade	Quality	Remarks
2252	Piazzi 2h 123	2 31 16 27	1915 18 Sept.	14 2 39 14 34	R 10 10R 10	E 0:16 E 0:04	W	3	2	3	Sull Lee	Clear	17.5	214.0		f.	
2253	L Persei	3 2 49 12	"	14 52 ~~14 55~~	5R 8 6R 8	E 0:17		2	2	3	Sull Lee	Clouds formed inches in 2m+				1 f.	Sup. Sdy.
2254	0² Eridani	4 13 −7 48	"	16 13 34	2L 20 2½L 20	E 0:05 W 0:16		3	2	2	Sull Lee.					f.	
2255	χ Cygni	19 43 +33 30	22 Sept.	7 15 7 23	0R 6 1R 6	E 0.20 E 0.12	W	3	3	4	Van B Lee	Clear	16.0	179.3		g	Iris mag. holder put on
2256	B.D. 36°3883	20 4 36 19	"	7 38 7 46	3R 6 4R 6	E 0:19 E 0:11					Van B Sull					g	
2257	N.G.C 6940	20 30 27 58	"	8 00 8 40	8L 40	E 0:24 W 0:16		3	3	4	Van B					g	
2258	K 44	21 50 45 2	"	8 55 9 45	6R 50	E 0.46 W 0.06					Lee					g	
2259	Cygni 6	19 10 49 41	29 Sept.	6 33 6 38	11L 5 11.4 5	E 0.02 W 0.03	W	2	3	3	Lee	Clear	13.0	178.8		g	
2260	χ Cygni	19 43 33 30	"	6 53 6 58	0R 3 1R 3	E 0.14 E 0:10					Van B Lee					g.	
2261	χ Cygni	19 43 33 30	"	7 6 7 10	0R 3 1R 3	E 0.3 W 0 2		2	3	4	Lee VB					g	Trail
2262	N.G.C 6940	20 30 27 58	"	7 23 8 8	8L 45	E 0.32 W 0.13		2	3	4	Lee Sull					g.	

—	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp. C°	Focal Length	Plate and Filter	Quality	Remarks
			1915															
2263	Lal 40728	20h 57m 40° 2'	Sept. 29	8 24 8 33	2L 3L	8	W 0.2 W 0.4	W	2	2	4	Sull VB					g.	
2264	K 41	21 50 45° 2	"	8 52 to 9 22	R	30	E 22 W 8	W	3	3	4	VB Sull					g.	
2265	33 Pegasi	22 19 20 21	"	9 42 9 54	3L 4L	10 10	E 3 W 9	W	2	3	4	Sull VB					g.	Film removed from this plate and glass used for scales.
2266	Pleiades Prec	3 40 +24	"	14 40 47 54	5R 6R 7R	6 6 6	E 0:24 E 0:17 E 0:10					Lee Lee Sull		9.9	178.7	Plate Gelatine 8470	g.	Spot Plate. Film removed and glass used for new mirror in #172
2267	" Center	3 41 23 45	"	15 18 25 32	5R 6R 7R	6 6 6	W 0:13 0:20 0:27	W	2	3	3	Sull Lee Lee				"	g	Spot Plate.
2268	B 883	4 46 10 55	"	15 56 16 08	0L 1L	10 10	E 0:14 E 0:01					Sull Lee					p. weak.	Objective found to be dewed over.
2269	Cygni 6	19 10 49 41	Oct. 3	6 16 6 25	10.8L 11.4L	8 9	E 0.03 W 0:06	W				Lee Lee	Clear	20.0	179.9		g.	
2270	b' Cygni	20 3 55 42	"	6 49 6 55	1R 2R	4 5	E 0:25 E 0:18	W	2	2	3	Lee Lee					g	
2271	Lal. 40728	20 57 40 2	"	7 17 7:34	2L 3L	8 8	E 0:48 E 0:32	W	2	2	3	van B " "					g	
2272	Lal 40844	21h 4m 6° 44	"	7 59 8 12	7R 8R	10 10	E 0.11 W 0.3	W	2	2	3	Sull VB	Haze					Clouding up during 2d exposure

π	Star	R. A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C°	Focal Setting	Plate and Grade	Quality	Remarks
			1915															
2273	B.D. +5°4556	20 30 +5 47	7 Oct.	7 08	5L 6L	B B	E 0.15	W				Van B.	Clear	+6.0	177.7		v.p.	One weak exposure. Clouds.
2274	B.D. −0°3676	19 9 −0 44	9 Oct.	6 13 6 27	0L 1L	14 13	W 0.19 W 0.33	W	4	3	4	Lee Lee	Clear	+5.0	177.4		g	
2275	B.D. +5°4556	20 30 +5 47	"	6 52 7 07	5L 6L	8 8	E 0.22 E 0.13					Lee					g	
2276	B.D 37°4131	20 57 +37 36	"	7 25 7 30	6L 7L	4 4	E 0.14 E 0.09		1½	2	3	Lee	Sky Wet.				g	Sector circuit repaired.
2277	B.D. 58°2404	22 9 +59	"	8 24 8 41	6R 7R	10 10	E 0.24 E 0.11		2	2	2	Sull Lee					g	
2278	Kli 6256	22 31 44 52	"	9 07 9 18	1R 2R	10 10	E 0.07 W 0.05					Sull Lee					g	
2279	B.G.C. 12404	23 25 +30°17	"	9 45 10 00	10L 11L	10 10	E 0.23 E 0.09					Sull Lee					g	2nd Exp displaced somewhat.
2280	Groomb. 2876	19 29 68 23	10 Oct.	6 10 6 25	3R 4R	6± 6±	E 0.07 W 0.05	W	2	2	2	Lee	Clouds	+12.0	178.3		v.p.	
One Plate																		
2281	Lal 40728	20 57 40° 21'	"	7 28 7 37	2L 3L	8 8	E 0.10 E 0.1					VB Sull					g.	Strong wind! Hazy
2282	ξ Cephei	22 1 64°11	"	8 4 8 18	10R 11R	12 12	E 0.39 E 0.25					VB Sull	Hazy				p.	" "
2283	δ Cephei	22 26 57 58	"	8 39 8 53	5R 6R	12 12	E 0.29 E 0.15					VB Sull	Hazy					

No.	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp.	Focal Setting	Plate and Grade	Quality	Remarks
			1915															
2284	β Pegasi	22h 59m 27° 32'	10 oct.	9 18 9 32	7R 8R	12 12	E 0.24 E 0.10	W	2	2	2	VB Sull.					f	Violent wind!
2285	Pleiades Prec.	3 40 +24	"	14 27 39 49	5.4R 6.4R 7.4R	10 10 10	W 0:05 W 0:18 W 0:29	W	2	2	2	Sull Lee Sull.	Clear.	5.4	178.4		f	Iso magnitude plate.
2286	β 883	4 46 +10° 55	"	15:12 15:25	0L 1L	12 12	E 0.15 0.00					Sull Lee					f	
2287	B.D.C. 2745	5h 24 54 36	"	15 45 53	3R 4R	6 6	E 0:19 E 0:10					Sull Lee					g	Without sector
2288	B.D.C. 2745	5 24 54 36	"	16 05 20	3R 4R	6± 6±	W 0.01 W 0:16					Sull Lee	Clouds				v.p.	With sector.
2289	b' Cygni	20 3 35 42	14 Oct.	6 12 6 25	1R 2R	4 4	E 0.03	W	4	3	4	Lee	Clear	15.5	179,4		N. G.	Tilted in holder. Do not use.
2290	BD 45° 4556	20 30 5 47	"	6 51 6 59	5L 6L	8 8	E 0.05 W 0.03					Lee					g.	
2291	ε Equulei	20 54 +3 55	"	7 28 7 36	7L 8L	6 6	W 0.08 W 0:15					VanB Lee					g	
2292	K 41	21 50 45 1	"	8 04	6R	30	W 0:13					VanB Sull					g.	
2293	Kli 6256	22 31 4 52	"	8 45 8 56	1R 2R	10 10	□ 0:12 E 0.01					V.B Sull					g	Sector 15°
2294	Lal 45028	22 57 −4 23	"	9 25 9 36	3R 2R	10 10	W 0.02 W 0.13					VB Sull					g.	

π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trans	Observer	Sky	Temp. C	Focal Setting	Plate and Finder	Quality	Remarks
			1915															
2295	β Cygni	20 3 +35° 42	20 Oct.	6:03 6:09	1R 2R	4 5	E 0:03 W 0:03	W	2	2	4	Lee	Clear	13.4	178.7	8619	g.	
2296	B.D. 5.4556	20 30 +5 47	"	6 32 6 40	5L 6L	8 6	E 0:07 W 0:07					Lee					g.	
2297	91 Cygni	21 26 46 6	"	6 58 7 05	9L 10L	6 6	E 0:27 E 0:20		3	3	4	Lee VanB.					g.	
2298	μ Cygni	21 40 +28 18	"	7 22 7 34	4R 5R	10 10	E 0.22 E 0.10		3	3	4	Lee VB					f.	One exp of π outside sector.
2299	θ Pegasi	22 6 +5 43	"	8 7 8 31	8L 9L	22 22	E 0.1 W 0.23		3	2	4	VB Sull					f.	Nebular at 3 E of π exp hit by slit.
2300	N.G.C 7654	23 20 61 3	"	8 48 9 33	2R	45	E 0.35 W 0.10		3	2	3	VB Sull					g	Images on Oct 20 all elongated due to imperfect action of clock control, giving a drift.
2301	BGC 12608	23 47 74 59	"	9 52 10 4	4R 5R	10 10	W 0.2 W 0.13		3	3	3	VB Sull					g.	
2302	K 24	4 39 44 55	"	14 20 14 53	11L	33	E 0:27 W 0:11	W	3	2	4	Sull Lee.	Clear	9.6	178.1		f	
2303	K 25	5 38 +44 48	"	15 05 15 41	3R	36	E 0:35 0:00		4	3	4	Sull Lee					f	
2304	K 26	6 37 44 49	"	15 58 16 28	0L	30	E 0:40 E 0.10					Sull Lee					f.	
2305	97 Monoc	6 46		16 44 16 57	3L 4L	6 6	E 0:03 W 0:04					Sull Lee				8036	f.	

Π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Tr.	Observer	Sky	Temp. C	Focal Setting	Plate and Numb.	Quality	Remarks
			1915															
2306	K 27	7h 39 4 4° 48	20 Oct.	17h 02 17 42	5R	4	E 0:39 W 0.01	W	3	3	4	Lee Sull.				8619	g.	
2307	β¹ Cygni	20 3 35 42	21 Oct	6 14	1R	2	W 0:07	W	4	3	4	VanB Lee	Clear	15	178.9	8036	g	
				6 07	2R	2	W 0:04											
2308	BD 37° 4131	20 56 37 36	"	6 34	6L	5	E 0.21			4	3	4	Lee				g	
				6 39	7L	4	E 0,16						VB					
2309	71 g Cygni	21 26 46 6	"	7:03	0R	4	E 0:23						VanB				g.	
				7:09	1R	4	E 0:16						Lee					
2310	μ Cygni	21 40 28 18	"	1st ~~and~~ row 1 sec exp. Int. 20s ±													g	
				2nd row 1 sec " 10s														
				3rd " 1 sec & ½ sec " 15s														
2311	B.G.C. 92	0 11 76 24	"	1st row 1 Sec to 2 Sec " 15s										8:14 to 8:44			n-g.	
				2 " " 3 5														
				3 " " 4 5														
				4 " " 5s Trail.														
2312	B.G.C. 11542	22 5 58 48	"	1st 5 Sec				Trail									n-g.	This plate was double loaded and the four first fields were all taken on the under one while the top one was taken off each time and numbered.
				2nd 6														
				3rd 7														
				4th 7 & 12 with guides														
2313	Not ~~E~~ Equulei but B.D. 13° 4461 at 20 50 4 9	20 54 + 3 55	23 Oct	6 21	7L	9												
				6 30	8L	8	E 0:14	W	2	2	2	Lee	Cloudy	11.6	178.3			
2314	β¹ Cygni	20 3 35 42	27 Oct	5 57	2R	4	W 0:64	W	2	2	3	VanB	Clear				R.g.	One exp. for β¹ Cygni on Π 2312
2315	B.D. 37° 4131	20 54 37 36	"	6 18	6L	5	E 0:13										R.g.	Two exp. of B.D. 37° 4131 on Π 2312
				6 24	7L	5	E 0:07		2	2	3	Lee						

N	Star	R.A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp.	Focal Setting	Plate and Found.	Quality	Remarks
			1915															
2316	71 g Cygni	21h 26m 46° 6'	27 oct.	6h 41m 6 46	0R 1R	4 4	E 0.21 E 0.16	W	2	2	3	Lee Van B					Lf.	Thin field about ste. N 2317
2317	Lal 42128	21 33 −2 45	"	7 6 17	6R 7R	10 10	E 0.02 W .09		2	2		Van B Lee					f	
2318	W B 22h 82	22 6 +22 15	"	7 43 54	0L 1L	10 10	0.00 W 0.12		2	2		Van B Lee Sull.					f	
2319	Lal 44739	22 47 +9 18	"	8 19 31	6R 5R	10 10	E 0.04 W 0.08		2	2		Van B Sull Lee					f.	
2320	B 80	23 14 +4 56	"	8 52 9 5	0R 1R	12 12	W 0.04 W 0.17		1	1	3	Van B Sull Lee					f.	
2321	Andr. Neb	0 37 40 19	"	9 to 23 9 58	3L	35	E 0.49 E 0.14		2	2	3	Van B Lee Sull.					f.	
2322	B.G.C. 3489	6 33 12 16	"	15 42	8½L	10	E 0.22	W	3	2	3	Lee	Clouds.	11.8	178.3		f.	One Exp. only.
2323	BGC 2407	4 50 7 14	28 oct.	14 14 25	3R 4R	10 10	E 0.05 W 06	W	3	2	3	Van B Sull		8.0	178.0		f.	
2324	BGC 2745	5 24 54 36	"	14 45 52	3R 4R	6 6	E 0.10 E 0.3		2	2	2	Van B Sull					g.	
2325	136 Tauri	5 48 28 35	"	15 10 21	8L 9L	10 10	E 0.8 W 0.3		3	2	2	Van B Sull					g.	
2326	BD 26°1067	6 1 26 34	"	15 39 47	5R 6R	6 6	W 0.09 W 0.16		2	2	2	Van B Sull					g	but exposed through plate.

No.	Star	R.A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C	Focal Setting	Plate and Found.	Quality	Remarks
			1915															
2327	BgC 3499	6h 33m 12° 16'	Oct. 28	16 6 19	8½L 9½L	12	W 0.05 W 0.18	W	2	2	3	VanB Sull					g	
2328	AOe 7846	7h 19m 46° 17'	"	16 39 52	8 9	12 12	E 0.10 W 0.4		3	3	3	VanB Sull					g.	
2329	BD. 3° 4461 ξ Equulei	20 54 3 55	Oct. 30	5 37 43	7 8	6 6	E 0.35 E 0.29	W	4	3	3	VanB	Clear			Iso 8741	g.	Field not to be followed.
2330	B.D. 37° 4131	20 56 37 36	" "	6 02 6 08	6L 7L	5 5	E 0.17 E 0.11		3	3		Lee					g.	
2331	71 g Cygni	21 26 46 6	" "	6 28 6 33	0 1R	4 4	E 0.20 E 0.15					Lee					g	
2332	Lal 42128	21 33 −2 45	" "	6 57 12	6R 7R	10 10	W 0.05 W. 18		2	2	3	VanB Lee	Cirri!	13.2	178.7		g.	Sector motor irregular
2333	Kli 6256	22 31 4 52	"	7 42 56	1R 2R	10 12	E 0.11 W 0.3		2	2	3	VanB Sull	"				N.G.	" " "
2334	Lal 45028	22 57 −4 23	"	8 34 49	9L 10L	12 13	W 0.15 W 0.30		2	2	2	VanB Sull	Hazy				N. G.	Motor oiled - Better!
2335	Lam 32805	23 45 +2 19	"	9 10 19	4L 5L	8 8	W 0.03 W 0.12		2	2	2	VanB Sull	"				f	Wind!
2336	η Cassiop.	0 43 57 17	"	9 36 43	7L 2L	6 6	E 0.30 E 0.23		2	2	2	VanB Sull					f.	

#	Star	R. A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C.	Focal Setting	Plate and Found	Quality	Remarks
			1915															
2337	BD 374131	20 56 37 36	Oct. 31	6 08 6 13	6L 7L	5 5	E 0.08 E 0.03	W	3	3	3	Lee	Clearing	16	179.0		g	
2338	Lal 42128	21 33 −2 45	"	6 38 6 50	6R 7R	10 10	E 0:14 E 0:07		2-3	2	3	Lee VanB					g	
2339	W.B 22 82	22 6 +22 15	"	7 07 7 18	0 1L	10 10	E 0:19 E 0:09		2	3	2	VanB. Lee					g	
2340	Kli 6256	22 31 +4 52	"	7 41 7 52	1R 2R	10 10	E 0.09 W 0.02		3	3	3	VanB Sull					f	
2341	Lal 45028	22 57 −4 23	"	8 11 8 25	9L 10L	12 12	E 0.04 W 0.10		3	3	2	VanB Sull					g	Poor Field
2342	Lam 32805	23 45 +2 19	"	9 3 9 12	4L 5L	8 8	E 0.10 W 0.09		2	2	2	VanB Sull	Hazy!				g.	Clouds in NW
2343	K 25	5 38 44 48	Nov. 4	14 20 14 52	3R	32	E 0:32 W 0:11		2-3	2-3	2	Sull Lee	Clear	+5	177.4		f.	
2344	K 26	6 37 44 49	"	15 07 15 51	0LR	50	E 0:40					Sull Lee	Hazy & cloudy				f.	
2345	G Gemin	7 38 29 9	"	16 07 16 18	1R 2R	8 8	E 0:34 E 0:22					Sull Lee					g.	
2346	BD 25 1848	8 4 25 47	"	16 39 16 49	7L 8L	10 10	E 0:25 E 0:15					Sull Lee	Clearer				f.	
2347	G Canis	8 6 17 57	"	17 13 17 24	10R 11R	10 10	W 0:04 W 0:14					Sull Lee					f-p.	

No.	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Tr	Observer	Sky	Temp. C	Focal Setting	Plate and Grad.	Quality	Remarks
			1915															
2348	E Equulei	Nov. 6	20h54m +3°55'	5 42 5 51	9 L 10 L	8 8	E 0.06 W 0.03	W	2	2	2	VanB	Very thick	11	178.4	8741	fr	
2349	71 g Cygni	" "	21 26 46 6	6 14 6 19	0 R 1 R	4 4	E 0.07 E 0.02		2	3	2	Lee					g	
2350	W.B. 22h82	" "	22 6 +22 15	6 44 53	0 L 1 L	8 8	E 0.20 E 0.09		2	2	1	Lee VanB					g.	
2351	Pal 44739	" "	22 47 9 18	7 14 25	5 R 6 R	10 10	E 0.29 E 0.18		2	2	2	Lee VanB	Pretty thick				g.	
2352	B.G.C. 12 404	" "	23 25 +30 17	7 45 7 57	10 L 11 L	10 10	E 0.38 E 0.25					Sull Lee					f.	
2353	Lam. 32805	" "	23 44.9 +2 19	8 16 8 27	4 L 5 L	10 10	E 0.25 E 0.15		2-3 5	2		Sull Lee	clouds				g.	
2354	γ Pegasi	" "	0 8 14 38	8 50 9 02	7 R 8 R	10 10	E 0.15 E 0.02					Sull. Lee					f.	
2355	Hubble's P.M. *	" "	0 46 57 50	9 34 9 48	1 R 2 R	15 15	E 0.07 W 0.07		3	3	2	Sull Lee					g	
2356	δ Gemini	7 37 29 9	Nov. 7	16 27 16 35	1 R 2 R	7 7	E 0.02 W 0.06	W	3	2	3	Sull Lee		15.5	177.8		g.	
2357	K 28 V	8 41 44 55	" "	16h54 17h40	11 R	46	E 0.37 W to 0.10		3	3	3	Sull Lee			179.1		f.	

No.	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Tel. field	Definition	Steading	Transp.	Observer	Sky	Temp. C	Focal Setting	Plate and Emul.	Quality	Remarks
			1915															
2358	BD 67°552	8h 29m +67 35	Nov. 11	14 57 15 19	7 R 8 R	20 20	E 2.05 E 1.43	W	2	2	3	VanB Sull	Clear	2°1	176.9		fp	
2359	BD -1°1792	7 35 -1 16	"	15 54 16 6	3 R 4 R	10 10	E 0.15 E .02	W	1	1	2	VanB Sull					f	
2360	BD 25°1848	8 1 +25 47	"	16 31 16 41	7 L 8 L	8 8	E 0.04 W 0.06	W	1	1	2	VanB Sull					f:	guiding difficult!
2361	Fed 1384	8 47 +71 9	"	17 5 18	8 L 9 L	12 12	E 0.19 E 0.06	W	1	1	2	VanB Sull					f	
2362	Lal 42128	21 33 -2 45	Nov. 13	5 31 5 43	6 R 7 R	10 10	E 0.29 0.17	W	3	3	3	VanB		8.0	177.9		g	Moon near.
2363	WB 22h82	22 6 22 15	"	6 7 6 21	0 L 1 L	10 10	E 0.25 E 0.11	W	3	2	3	VanB Lee					g.	
2364	NGC 7654	23 20 61 3	"	7 5	2 R	50	E 0.41		3	2	2	Lee					g.	
2365	B.D. -8°6177	23 38 -8 27	"	7 50 8 04	6 L 7 L	12 12	E 0.14 W 0.02					Sull 1/3 Lee 2/3					g.	
2366	K 20	0 41 45 27	"	8 20 9 00	3 L	50	E 0.44 W 0.06					Sull Lee					g	
2367	ω Andr.	1 21 44 53	"	9 27 9 38	0 R 1 R	10 10	E 0.20 E 0.08					VanB, Lee Sull,					f	

No.	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C	Focal Setting	Plate and Emulsion	Quality	Remarks
			1915															
2368	W.B 21h 07	21h 7 17 21	14 Nov.	5 32 43	9 R 10 R	10 10	W 0:07	W				Van B Lee	clouds.	+1.0	176.8		fa.	
2369	W.B. 22h 82	22 6 22 15	" "	6 12 6 23	0 L 1 L	10 8	E 0:19 E 0:07		2	2	2	Lee					p.	
2370	Lal 44739	22 47 +9 18	" "	6 44 6 56	5 R 6 R	10 10	E 0:27 E 0:15		2	2	2	Lee Van B					g.	
2371	B.G.C 12290 B40	23 14 +4 56	" "	7 22 7 41	0 L 1 L	12 12	E 0.14 W 0.05		2	3	3	Van B Sull	Clouds!				v. p.	
2372	B.D. ~~B.G.C.~~ 26° 1067	6 1 26 34	" "	14 24 28	8 R 9 R	5 5	W 0:0½ W 0:0 ?		2	2	4	Sull Lee	Clear	-4.1	176.0	8741	fa.	
2373	B.G.C. 3499	6 33 +12 16	" "	14 45 14 56	8½ L 9½ L	10 10	E 0:09 W 0:07					Sull Lee				8619	fa.	
2374	K 27	7 39 44 48	" "	15 to 20 16 10	5 R	50	E 0 42 W 0:08					Lee Sull					fa.	
2375	Praesepe	8 34 20 18	" "	16 44 16 58 17 12	6 L 7 L 8 L	12 12 12	E 0:14 W 0:02 W 0:15					Lee Sull					Split plate on plate glass. g.	
2376	W Ursa Maj.	9 38 56 21	" "	17 42 17 53	10 L 11 L	10 10	E 0:17 E 0:05					Sull Lee					f.	
2377	K 26	6 37 44 49	21 Nov.	14 to 16 14 42	ORL	26	E 0.15 W 011		1	1	2	Sull Lee	Few Clouds	-3.6	175.9	8619	f.	
2378	σ Gemin.	7 38 29 9	" "	15 04 15 17	1 R 2 R	10 10	E 0:26 E 0:13					Sull Lee	Clear				f	

	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position & Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
				1915														
2379	B.D. 25 1848	8h 2 25 47	21 Nov	15 46 16 00	7L 8L	10 10	E 0:10 W 0:04	W				Sull Lee				First Iso 8767	p.	Got 4 cases of 8767 Nov. 18 1915.
2380	ε Hydrae	8 42 46 77	" "	16 28 16 43	7R 8R	10 10	E 0:09 W 0:06		1	1	3	Sull Lee					p.	
2381	Lal 18672	9 25 46° 5	" "	17 14 17 28	4L 5L	12 12	E 0.05 W 0:09					Sull Lee					f.	In Dec. 1915 the optical axis was found
2382	47 Sextantis	9 48 2 52	" "	17 58 18 10	1L 2L	10 8	W 0:15 W 0:26		2	2	3	Sull Lee					f.	to strike the plate 43mm
2383	K 27	7 39 44 48	28 Nov.	14 27 15 7	5R	40	Middle E 0:18		3	2	3	Lee Sull	Clear	-2.8	176.0		g.	East and 22mm South of the geometrical center counting directions on
2384	K Aquilae	8 40 44 54	" "	15 21 16 18	11R	57	E 0:46 W 0:11					Sull Lee					f.	the star plate.
2385	W Urs. Maj.	9 38 56 21	" "	16 37 16 49	10L 11L	10 10	E 0:27 E 0:15		3	3	3	Sull Lee					p.	
2386	K 30	10 38 45 6	" "	17 05 18 05	7L	60	E 0;59 W 0:02					Sull Lee					f.	
2387	W 7h 1029	7 39 39 47	1 Dec.	14 47 15 3	9R 10R	15 14	E 0.08 W 0.08	W	3	2	4	VanB Sull	Clear	-4.1	~~175~~ 9		g.	} Two fields on same plate.
2388	+67° BD 552	8 29 67 35	"	15 34 15 55	7R 8R	20 20	E 0.09 W 0.12		3	3	4	VanB Sull					g.	
2389	W Urs Maj	9 37 56 21	"	16 25 16 35	10L 11L	9 9	E 0.28 E 0.18		4	3	4	VanB Sull					g.	

		R.A.	Dec.	1915	Guiding Star	Exposure Time	Hour Angle	Position Telescope Declination	Steading	Transp.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
2390	ζ Sextantis	9h 48m +2 52	Dec. 1	16 57 17 6	17L 22	8 8	E 0.05 W 0.04	W	3	3	4	Van B Sull	Clear!				g g.	
2391	K 31	11 37 44 38	"	17 37 18 20	17L	53	E 1.25 E 0.32	W	3	3	4	Van B Sull	"				g.	
2392	B.D. −1°.1792	7 35 −1 18	Dec. 5	14 29 14 45±	3R 4R	8 8	E 0.04 W 0.70±	W				Sull Lee	Clouds in N.E.	−2.3	176.2		f	2nd cut off by clouds
2392a	Pickering Field		" "									Van B Sull.						Large Grating used.
2393	Lal 44739	22 47 +9 18	Dec. 9	5 26	5R	<10?	E 0.03	W	3	3	1	Van B.	Thin clouds	−2.0	176.2		f	One exp only.
2394	Praesepe	8h 34 20 18	" "	14 58 15 10 15 21	6R 7R 8R	10 10 10	E 0.22 E 0.09 W 0.02		3	2	3	Sull Lee Lee	Clear	−3.2	176.0		Not Journ.	½ bloc with exposure in guidestel.
2395	Praesepe	8h 34 20 18	" "	15 39 15 46 15 55	8R 7R 6R	6 6 6	W 0.18 W 0.25 W 0.34					Sull Lee Lee.					f.	On horizontal wire in dec. last exp. somewhat above others
2396	W Ursae Maj.	9 37 56 21	" "	16 24 16 36	10L 11L	10 10	0.00 W 0.12					Sull Lee					f.	
2397	Br. 1447	10 21 −6 36	" "	17 08 17 21	1R 2R	10 10	W 0.07 W 0.13					Sull Lee					g.	
2398	δ Leonis	11 9 21 1	" "	17 42 17 54	9R 10R	10 10	E 0.11 0.00					Sull Lee					f.	
2399	Lal 22667	11 59 +3 57	" "	18 12 18 20	10L 11L	6 6	E 0 3/4 E 0 2.5		3	3	2	Sull Lee					f.	
2400	"	"	" "	18 32 18 37	11L 10L	4 3	E 0 1.5 E 0.8					Lee Lee.					f.	

		R.A.	Dec.	Set	Guiding Star	Exposure Time	Hour Angle	Position & Telescope	Definition	Steadiness	Transp.	Observers	Sky	Temp. C.	Focal Settings	Plate and Emulsion	Quality	Remarks
2401	γ Ceti	2h 37m +2° 45′	1915 Dec. 23	8h 3m	3R	10	E 0.26	W	2	2	2	VanB Sull	Dull	−2.0°	176.2		One ex. f.	ex. only. Clouds after 1st exposure.
2402	W Urs. Maj.	9 38 56 21	1916 Jan. 2	14 29 14 48	10L 11L	16 16	E 0.19 E 0.00	W	2/3	3/1	4	Sull Lee	Clear	−7.8	175.2		f.	
2403	Br. 1447	10 21 −6 36	"	15 16 15 28	1R 2R	10 10	E 0.14 E 0.05					Sull Lee					f.	
2404	Lal 21185	10 58 +36 36	"	16 00 16 17	9R 10R	15 15	E 0.09 W 0.08					Sull Lee					f.	
2405	Lal 22667	11 59 3 57	"	16 39 16 49	10L 11L	8 8	E 0.30 E 0.20					Sull Lee					f.	
2406	Lal 22667	12 59 3 57	"	17 01 17 10	11L 10L	8 8	E 0.10 0.00					Sull Lee					f.	
2407	δ Corvi	12 25 −16 1	"	17 34 17 39	1L 2L	4 4	E 0.02 W 0.04					Sull Lee					f.	
2408	12 Can Ven.	12 52 38 48	"	18 02 18 15	10.7L 11.5L	5 15	W 0.02 W 0.15					Sull Lee					p.	
2409	7 Sext.	1 48 2 52	Jan. 5	14 58 15 5	1L 2L	10 10	W 0.06 W 0.19	W	2	2	4	VanB Sull	Clear	−14.8	174.1		f.	
2410	BD 31° 2175	10 35 31 17	"	15 29 15 42	6L 7L	12 12	E 0.03 W 0.10		1	1		VanB Sull					p.	
2411	BD 20° 2514	11 18 20 34	"	16 5 16 18	10L 11L	12 12	E 0.10 W 0.03		1	1		VanB Sull					p.	

		R.A.	Dec.	1916	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Tr	Obsers	Sky	Temp. C.	Focal Settings	Plate and Emulsion	Quality	Remarks
2412	Boleosis	11h 14m 15° 5'	Jan 5	16 42	4L	10	E 0,00					Van B					f	
				16 53	5L	10	W 0.11	W	1	1	3	Sull						
2413	BD 75° 154	3h 59m 75° 55'	Jan 6	8 26	2L	7	E 0.18					Van B						
				8 34	3L	7	E 0.10	W	1	2	2	Sull	Hazy	-9.6	174.9		g.	
2414	α Tauri	4h 30m 16 19	"	8 56	5R	6	E0.29					Van B						
				9 3	6R	6	E 0.22	W	1	2	2	Sull					N. Ec.	No comp. stars on N. side.
2415	TT Aurigae	5h 3m 39° 28'	"	9 31	10R	10	E 0.26					Van B						
				9 43	11R	10	E 0.14	W	1	1	2	Sull					g.	
2416	N.G.C. 3031	9 49 69 28	"	14h 22 15 02	11R	40	E 0.20					Sull						
							W 0.20		3	2	3	Lee	Clear	-11.2	174.7		ex.	
2417	Lal 21185	10 59 36 36	"	15 22	9R	12	E 0:29					Sull						
				15 36	10R	12	E 0.15					Lee					g.	
2418	BD 8° 2507	11 23 8 8	"	16 6	9R	14	E 0:09					Sull						
				16 22	10R	14	W 0:06					Lee	A few Clouds				g.	
2419	N.E.C. 4565	12 32 26 28	"	16h 39 17 29	0L	50	E 0.46 W 0:06	2	2	2		Sull Lee					v.p.	Discontinue.
2420	β Comae	13 8 N 8 20	"	17 41	7L	8	E 0:18					Sull						
				17 49	7½L	8	E 0:10					Lee					p.	
2421	B 612	13 35 +11 12	"	18 10	8L	12	E 0:19					Sull						
				18 24	9L	12	E 0,04	3	3	3		Lee					g.	
2422	B 612	13 35 +11 12	"	18 36	9L	6	W 0.07					Sull						
				18 44	8L	8	0:00					Lee					f.	

		R.A. Dec.	Date 1916	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Tr.	Obser.	Sky	Temp. C.	Focal Settings	Plate and Emuls.	Quality	Remarks
2423	85 Pegasi	23h 57m +26° 38'	Jan. 13	5 39 6 0	0 ½ R	15 16	W 1.16 W 1.37	E	2	2	2	Van B	Cirri	-21°.2	172.7		p.	
2424	δ Ceti	2 35 -0 4	"	6 55 7 16	8 L 9 L	15 17	E 0.07 W 0.14	W	2	2	2	Van B	"				N.G.	Field needs new orientation for comp. stars. Guiding star faints in bright C.
2425	BGC 2407	4 50 7 14	"	9 15 9 26	3 R 4 R	10 10	E 0.02 W 0.10	W	2	2	2	Van B	"				p.	Clouds during last exposure
2426	B.D. -5°570	3 0 -5 29	1 Feb.	6 16 26	1R 2R	10 10	W 0.04 W 0.16	W				Lee Lee	Clear	-14.7	208		v.p.	
2427	β Leonis	11 44	"	14 52 15 1	4 L 5 L	8 8	E 0.06 W 0.05	W	2	2	4	Van B Van B	"	-17.5	208.1		p.	
2428	12 Can. Ven	12 52 +38 48	"	15 55 16 8	10 L 11 L	12 12	E 0.09 W 0.04		2	3	4	Van B Sull	"				N.G.	Taken through glass.
2429	Σ 1785	13 44 +27° 29'	"	16 33 16 45	4 L 5 L	10 10	E 0.24 E 0.12		2	3	4	Van B Sull	"				f.	
2430	Oxf. ph 25°8606	13 55 25 38	"	17 09 17 27	10 R 11 R	10 10	W 0.02 W 0.14		2	2	4	Van B Sull	"				f	
2431	B.G.C. 6842	14 18 8 54	"	17 41 17 50	10½ R 11 R	8 8	W 0.09 W 0.18		2	2	4	Van B Sull	"				p.	Oriedator should have been changed.
2432	δ Serpentis	15 30 10 33	"	18 14 18 25	5R 6R	10 10	E 0.30 E 0.19		2	1	4	Van B Sull	"				N.G.	
2433	3 Leonis	11 44 15 5	2 Febr.	14 29 14 38	4 R 5 R	8 8	E 0.23 E 0.14	W	2	2	3	Van B Van B	"	-17.0	208		f.	

		R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope Declination	Definition	Steadiness	Transparency	Observer	Sky	Temp.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2434	BD 28°2078	12h 2m 28° 0′	2 Febr.	15 1 15 14	5 R 6 R	12 12	E 0:10 E 0:03	W	3	2	3	Van B Sull	Clear				g.	
2435	12 Can. Ven.	12 52 38 48	"	15 37 15 50	10 L 11 L	12 12	E 0.23 E 0.10		3	3	3	Van B Sull	Light clouds in NE				f.g.	
2436	β Comae	13 8 +28 20	"	16 14 16 41	7 L 7½ L	15 15	E 0.02 W 0.25		3	3	3	Van B Sull	" " in E				g.	Ice in worm-wheel stops clock for some minuts during 1st exps
2437	δx 1425° 8606	13 55 25 38	"	17 8 17 20	10 R 11 R	10 10	W 0.05 W 0.17		3	3	3	Van B Sull	" " in S				f.	
2438	ε Bootis	14 47 14 28	"	17 42 17 55	2 L 3 L	12 12	E 0.13 E 0.00		3	3	3	Van B Sull	"				g	
2439	δ Serp.	15 30 10 53	"	18 18 18 29	5 R 6 R	10 10	E 0.20 E 0.09		3	2	2	Van B Van B	"				one exp not fair	Guiding difficult in last exps (daylight)
2440	BD −1 2754	12 56 −2 13	3 Feb.	15 14 15 24	9 L 10 L	8 8	E 044 0:35	W	2	3	4	Sull Lee	Clear	−16.0	208.0		g	
2441	ζ Comae	13 8 28 20	"	15 45 16 02	7 L 7½ L	15 15	E 0:25 E 0:09					Sull Lee					g.	
2442	β 612	13 35 +11 12	"	16 26 16 45	8 L 9 L	15 15	E 0:12 W 0:05					Sull Lee					f.	
2443	B.C.C. 6842	14 18 +8 54	"	17 11 17 25	9 R 10 R	10 10	E 0:12 W 0:07					Sull Lee					f.	
2444	Leiden 5456	15 16 31 3	"	18 4 18 16	1 R 2 R	10 10	E 0:15 E 0:04		2	2	2	Sull Lee					f.	

	Star	R.A.	Dec.	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope Det'mit Steadin	Th	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
				1916												
2445	Fed 14 57	9h 8 53 7	Feb 6.	10 59 11 13 11 28	2x5 "		E 1:07 0:46 0:32		3 0 3	Van D Sull		-13.5	208.7		N. Cr.	
2446	δ Corvi	12h 25 -16° 1	"	14 42 14 45	1L 2L	2 2	E 0:30 E 0:28	W	2 2 2	Sull Lee.	Clear	17.0			g	
2447	12 Crv Ven.	12 52 38 48	"	14 57 15 14	10L 11L	15 15	E 0:38 E 0:22			"					f.	
2448	W.B 13h 241	13 15 35 36	"	15 42 15 54	6L 7L	10 10	E 0:21 E 0:08			"					f.	
2449	ζ Virg	13 30 -0 8	"	16 18 16 30	5L 6L	10 10	0:00 W 0.12		1 2 4	"					n. Cr.	Very poor field. Rejected.
2450	B.G.C 6842	14 18 +8 54	"	16 52 17 03	9R 10R	8 8	E 0:16 E 0:06			"					f.	
2451	Leiden 5456	15 16 31 3	"	17 26 17 37	1R 2R	10 10	E 0:41 E 0:29			"					V.P.	
2452	δ Serp.	15 30 10 53	"	18 03 18 15	4R 5R	10 10	E 0:15 E 0:04			"					N. Cr.	
2453	40 Eridani	4 11 -7 47	Feb. 10	6 15 6 35	2½L 3L	18 18	E 0.30 E 0.10	W	4 4 2	Van B Van B	Hazy	-8.0	209.7		g	Seeing 5 on first exposure; 3. on second expos. Light clouds at end
2454	W.B 13h 241	13 15 35 36	Feb. 13	15 26 15 35	6L 7L	8 6	E 0:11 E 0:03	W	4 4 3	Sull Lee		-12.0	209.0		g	
2455	K 33	13 50 45 3	" "	15 47 16 25	10L	38	E 0:26 W 0:12			Sull Lee					g	

	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Th	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2456	GC 25°42937	14 24 24 13	13 Feb.	16 39 16 49	4R 5R	10 8	E 0.06 W 0.04					Sull Lee					g.	
2457	Leiden 5456	15 16 31 3	"	17 08 17 19	1R 2R	10 10	E 0.31 E 0.21					Sull Lee					g	
2458	δ Serp.	15 30 10 53	"	17 37 17 45	5R 6R	8 6	E 0.16 E 0.07					Sull La					f.	
2459	Lal 29439	16 3 38 52	"	18 03 15 13	10R 11R	10 7	E 0.22 E 0.12					Sull Lee					f.	
2460	12 Cam. Ven	12 52 38 48	17 to 18 Feb	14 48 14 53	10L 11L	10 10	E 0.18 E 0.08	W	4	3	3	Sull Lee	a few small clouds	0,0	271,1		g.	Very light wind W.NW.
2461	W.B. 16h 241	13 15 35 36	" "	15 10 17 7	6L 6L	6 6	E 0.13 E 0.07				2	Sull Lee					g	
2462	K 33	13 57 45 10	" "	15 26 to 15 56	10L	30	E 0.32 to E 0.02					Sull Lee	cloudy all through exp.				g.	
2463	ξ Bootis	14 47 19 28	" "	16 58 17 10	2L 3L	10 10	W 0.04 W 0.15					Sull Lee	Passing Clouds				f.	
2464	W B 15h 1323	15 55 28 1	" "	17 31 17 41	3R 4R	10 10	E 0.31 E 0.21					Sull Lee	" "				f.	
2465	Lal 29439	16 3 38 52	" "	18 07 18 09	7L 7½L	10 10	E 0.10 E 0.02		4	4	2	Sull Lee	" "				v.p.	Grad. wedge 7, 7½ L Daylight and clouds!

	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position & Telescope	Definit.	Steadiness			Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916																
2466	BGC 2745	5h 24m +54° 36'	Febr. 27	6h 35	5R	5	E 0.18						Van B	Clear	-5°.5	209.9		g.	
				6 42	6R	5	E 0.11	W	3	3	4		"						
2467	"	"	"	6 52	5R	5	E 0.01						Van B					g.	
				6 58	6R	5	W 0.05						"						
~~2468~~ V	B.G.C. 6842	14 18 8 54	"	15 09	9R	10	E 0.39						Sull Lee	Very Thick	-9.2	209.5		N.G.	Rejected. First plate taken with ~~multiple~~ sector. clouded over at 1:50
					10R	10	E		3	3	1-0								
2468	ζ Bootis	14 11 19 38	8 March	14 40	8½R	12	E 0.19						Sull	clear	-6.5	210.0		g.	Sec M at 2
				14 55	9R	11	E 0.05	W	3	3	3		Lee						
2469	ζ Bootis	14 47 19 28	" "	15 14	2L	12	E 0.20						Sull Lee					g.	Sec M at 20
				15 25	3L	10	E 0.09												
2470	Leiden 5456	15 16 31 3	" "	15 43	1R	10	E 0.21						Sull Lee					g	
				15 53	2R	10	E 0.10												
2471	W. B. 15h 1323	15 55 28 1	" "	16 20	3R	10	E 0.23						Sull Lee	Heavy				g.	
				31	4R	10	E 0.13												
2472	BGC 6711 13	13h 59m +8 58	9 March	14 20	6L	7	E 0.24						Van B Sull	Very windy!	-3.5	210.5		f	
				14 27	7L	7	E 0.17	W	3	3	3								
2473	BGC 6842	14 18 8 54	"	14 47	9R	10	E 0.17						Van B Sull					g.	
				14 58	10R	10	E 0.06												
2474	BGC 6999	14 42 10 2	"	15 19	5R	15	E 0.07						Van B Sull					g.	
				15 33	6R	15	W 0.05												
2475	Lal 29439	16 3 38 52		16 1	7L	15	E 0.145						Van B Sull					g.	
				16 17	7½L	15	E 0.29												

	Object	R.A.	Dec.	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Tr	Obs	Sky	Temp. C.	Focal Setting	Plate and Emulsi	Quality	Remarks
				1916														
2476	WB 15h 1323	15h 55m +28° 1'	9 March		16 41 16 54	3 R 4 R	12 12	W 0.02 W 0.15		W	3	2	3	Van B Sull			g	
2477	α Ophiuchi	17 31 +12 37	"		17 28 17 34	8 R 9 R	6 m. 5	E 0.47 E 0.40		W	2	2	3	Van B Van B			g. g.	On same plate 4 min. exposs on K Herculis discontinued because wind makes guiding difficult
2478	B.D.C. 6711	13 59 8 58	12 March		14 22	6L	12	E 0 11			3	3	3	Sull Lee	+12.6	211,5	Ong fair	Bad oscillation in R.A. Time taken to correct.
2479	μ² Bootis	15 21 37 42	" "		15 33 15 41	3L 3½L	8 8	E 0:21 E 0:13						Sull Lee			g	
2480	K Herculis	16 4 17 19	" "		16 7 16 13	7L 8L	6 6	E 0:33 E 0:24						Sull Lee			g	
2481	K 36	16 46 45 22	" "		16 41 17 32	9L	57	E 0:38 W 0:12						Sull Lee	Clouded over at 17:30		g.	
2482	α Gemin.	7 29 +32 4	16 March		7 5 7 15	9L 10L	8 8	E 0.34 E 0.24		W	3	3	1	Van B Van B	Hare!	-2°.0	210°.7	g
2483	σ Geminor.	7 37 +29 8	"		7 41 7 51	1 R 2 R	8 8	E 0.13 E 0,03			4	3	1	Van B Sull			g.	
2484	BD -1° 1792	7 35 -1° 18	"		8 20 8 29	3 R 4 R	8 8	W 0.30 W 0.39			3	3	2	Van B Sull			g	Clouds before beginning
2485	5 Cancri	8 6 17 37	"		8 45 8 54	9 R 10 R	8 8	W 0.21 W 0.30			3	3	1	Van B Sull			g	Light clouds passing
2486	ε Hydrae	8 42 6 47	"		9 12 9 22	7 R 8 R	10 9	W 0:14 W 0:24			3	3	1	Van B Sull				" " "

	Obj.	R.A.	Dec.	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope Detruit	Steadiness	Observer	Sky	Temp. C	Focal Setting	Plate and Emulsion	Quality	Remarks
				1916												
2487	Lal 19022	9 37 43 10	16 March	9 42 9 53	8L 9L	10 10	E 0:14 E 0:02		4 3 2	Van B Sull	Clear.				g.	
2488	BGC. 6842	14 8 8 54	" "	14 17 14 25	9R 10R	6 6	E 0:21 E 0:09	W	3 2 2+	Sull Lee	Hazy.	-5.3	210.0		g.	
2489	Oϕ 25 42937	14 24 24 13	" "	14 45 14 56	4R 5R	10 10	W 0.04 W 0.15			Sull Lee					f.	
2490	μ² Bootis	15 21 37 42	" "	15 13 15 22	L3 L3½	8 8	E 0.26 E 0.16			Sull Lee					g.	
2491	OΣ 298	15 32 +40 8	" "	15 41 15 53	5.3L 5.7L	10 10	E 0.10 W 0.02			Sull Lee					g	?
2492	K Herculis	16 4 17 19	" "	16 10 16 15	7L 8L	5 5	E 0.13 E 0.06			Sull Lee					g	
2493	41 Herculis	16 41 6 15	" "	16 32 16 47	2L 3L	10 10	E 0.27 E 0.15			Sull Lee					g.	
2494	Lal 31055	17 0 -4 55	" "	17 04 17 14	8L 9L	12 9*	E 0.14 E 0.02		2-3 3 3	Sull Lee					f.	Sec 12 Guiding difficult.
2495	α Gemin.	7 29 32 5	30 March	6 44 6 57	9L 10L	7 7	E 0.09 E 0.02	W	3 4 3	Van B		+10.0	212.7		g	
2496	σ Gemin.	7 38 29 6	"	7 9 7 16	1R 2R	6 6	W 0.07 W 0.14	W	3 3 3	Van B					gl.	
2497	Sirius	6 42 -16 34	"	7 45 50 56	1R 1½R 2R	2 4 6	W 1.40 1.45 1.57	W	2 2 2	Van B Sull	Hazy				Experiment g.	

Obs.	R. A.	Dec.	CST	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	TA	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916														
2498	Procyon	7h 34m 5° 27′	March 30	8 12 16 23	2R 2½ 3	2 4 6	W 1:12 1:16 1:23		W	3	3 2	Vom B Sull	Hazy			g	⊙ Set 12 on top
2499	Lal 18672	9 24.7 6° 5′	"	8 46 57	3L 4L	10 10	E 0.03 W 0.08		W	4	4 2	Vom B Sull	"			f.	Set 18 obs!
2500	α Leonis	10 4 12 25	"	9 53 9 59	2R 3R	8 5	W 0.25 W 0.31		W	3	3 1	Vom B Sull	"			n. g.	⊙ Field Rejected
~~2501~~	Castor	7 29 32 4	April 2	7 2	9I	4	W 0.22		W	2	2 1	Vom B	Light Lands	5.0	211.9	X	Telescope too far W! Small piece of paper was
2502	Procyon	7 34 +5 29	"	7 28 7 36	7R 7½R	4 4	W 0.45 W 0.50			3	3 2	Vom B Sull	Clearer			X	accidentally left lying on
~~2503~~	Sirius	6 41 −16 35	"	7 53 8 0	2R 3R	5 5	W 2.02 W 2.09			3	3 2	Vom B Sull				X	the filter, cutting out
~~2504~~	ε Hydrae	8 42. +6 47	"	8 18 8 27	7R 8R	8 8	W 0.25 W 0.34			3	3 2	Vom B Sull				X	the π star on all X plates.
~~2505~~	7 Sextantis	9 47 +2 52	"	8 47 8 56	1L 2L	8 8	E 0.11 E 0.03			3	3 2	Vom B Sull				X	
~~2506~~	Br 1447	10 21 −6 36	"	9 15 9 26	1R 2R	10 10	E 0.18 E 0.07			3	3 2	Vom B Sull				X	Set 4!
~~2507~~	Lal 21185	10 58 36 36	"	9 49 10 2	9R 10R	12 12	E 0.20 E 0.07			3	3 3	Vom B Sull				X	Set 4!
~~2508~~	M Bootis	15 21 37 42	"	14 16 14 24	3L 3½L	8 8	E 0.16 E 0.06			3	3 4	Sull Lee	Clear	+3.0	211.5	X	

	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Detrit.	Steadin.	TA	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
				1926														
~~2500~~	OΣ 298	15 38 +40 3	3 April		14 45 14 53	4.3 4.7	~~8~~ ~~8~~	W 0.07 W 0.10	W	3	2	2	Sull Lee	Hazy patches drifting along.				X
~~2510~~	K Herculis	16 4 17 19	" "		15 6 11	7L 8L	4 4	E 0.08 E 0.03					Sull Lee					X
~~2511~~	41 Herculis	16 41 6 15	" "		15 ~~21~~ 26 35	2L 3L	~~8~~ 8	E 0.25 E 0.16					Sull Lee	"				X
2502	L 31055	17 0 −5 0	" "		15 52 16 03	8L 9L	10 10	E 0.18 E 0.09		3	3	2	Sull Lee	"				g.
2502	K 37	17 49 45 0	" "		~~15~~ 17 ~~16~~ 53	3L	36	E 0.41 to E 0.06					Sull Lee					g
2503	Procyon	7 34 5 27	9 April		7 13 7 17	7R 8R	4 4	W 0.58 W 1.02	W	4	4	2	VanB Sull	Hazy	+4°	211.7		g.
2504	Sirius	6 41 −16 35	"		7 39 7 45	2R 3R	5 5	W 2.15 W 2.20		3	3	1	VanB Sull	"				one g. Cloudy on 2nd exposure
2505	ε Hydrae	8 42 6 47	"		8 3 8 12	7R 8R	8 8	W 0.39 W 0.48		3	3	1	VanB Sull	"				p. Guiding star faint through haze!
2506	7 Sextantis	9 48 +2 52	"		8 30 8 39	1L 2L	8 8	W 0.01 W 0.10		3	3	2	VanB Sull	"				f.
2507	Br 1447	10 21 −6 36	"		8 58 9 12	1R 2R	10 10	E 0.05 W 0.09		3	3	1	VanB Sull	"				f g. Star faint! Haze
2508	α Ursæ Maj	10 58 62 17	"		9 40	5~~L~~ 6L	8 8	W 0.00 W 0.10		3	2	1	VanB Sull	"				v.p. Through clouds.

	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Detruit	Steadiness	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916														
2509	K Herculis	16 4 17 20	9 April	14 20 14 26	7L 8L	4 4	E 0:26 E 0:18	W			Sull Lee	Clear	+1	211.3		g	
2510	41 Herculis	16 41 6 16	" "	14 41 14 49	0 1L	8 8	E 0:40 E 0:33		3	3	Sull Lee					g.	
2511	Lal 31055	17 0 -4 55	" "	15 8 15 18	8L 9L	10 10	E 0:32 E 0:25				Sull Lee					f.	
2512	B.G.C. 8038	17 26 -1 0	" "	15 37 15 49	5R 6R	8 8	E 0:30 E 0:17				Sull Lee					f	
2513	K 37	17 49 45 0	" "	16 to 07 16 41	3L	40	E 0:28 W 0:12		3	3 2	Sull Lee					g.	
2514	W.B. 16400	16 24 3 29	16 April	14 28 14 39	5R 4R	10 10	E 0:10 0:00	W	2	1 3	Sull Lee	Clear	+6.8	212.2		g.	High Wind.
2515	Lal 31055	17 0 -4	" "	15 2 15 15	8L 9L	12 12	E 0:12 W 0:07				Sull Lee					f	
2516	α Ophiuchi	17 31 12 38	" "	15 37 15 44	8R 7R	6 6	E 0:07 E 0:01				Sull Lee					1 good	2nd π under bracket.
2517	B.D. -16° 4706	18 1 -16 42	" "	16 6 16 15	1L 2L	8 8	E 0:09 E 0:07				Sull Lee					g	
2518	Vega	18 34 38 42	" "	16 32 16 38	1L 3L	6 6	E 0:15 E 0:08				Sull Lee					g	
2519	δ Leonis	11 9 +21 1	23 April	9 26 9 37	9R 10R	10 10	W 0:30 W 0.41	W	3	3 2	Vaub Sull		+7.0	212.2		p.	

	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope Det'mit	Steadiness	Transparency	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
				1916													
2520	β Leonis	11h 44m +15° 5'	April 23	9 53 10 2	4 L 5 L	8 8	W 0:25 W 0:33	W	3	2	2	Van B Sull				g	
2521	41 Herculis	16 41 6 15	" "	14 28 14 37	2 L 3 L	8 8	W 0.07 W 0.09					Sull Lee	Clouds and Haze	+7.5	212.5	g	
~~2522~~	B.D.C. 8038	17 25 0 59	" "	14 53	5 R 6 R	8 8	E 0.19					Sull Lee				—	
2522	7 Sextantis	9 48 +2 52	April 27	7 28 7 37	2 L 2 L	8 8	W 0:07 W 0.18	W	2	3	3	Van B		+8.0	212.4	g	
2523	Br. 1447	10 21 −6 36	"	7 54 8 6	1 R 2 R	10 10	E 0:01 W 0:10					Van B Sull				g.	
2524	Lal 21185	10 58 36 36	"	8 26 8 42	9 R 10 R	15 15	E 0:06 W 0:10		2	2	3	Van B Sull				f.	
2525	ζ Leonis	11 44 +15 5	"	9 4 9 13	4 L 5 L	8 8	E 0:14 E 0:03		2	3	3	Van B Sull				p.	Nuages très large.
2526	BD 28° 2078	12 2 +28 0	"	9 33 9 46	5 R 6 R	12 12	E 0:03 W 0:10		3	3	3	Van B Sull				g.	
2527	δ Corvi	12 25 −16 1	"	10 2 10 5	1 E 2 L	2 2	W 0:03 W 0:06		3	4	3	Van B Van B				g.	
2528	41 Herculis	16 41 6 15	"	14 10 14 19	2 L 3 L	6 6	E 0.02 W 0.05	W	4	3	3	Sull Lee	Clear	+6.4	212.0	g	
2529	B.G.C. 8038	17 25 −1°	"	14 30 14 35	5 R 6 R	5 5	E 0:27 E 0:21					Sull Lee				g.	

	Star	R. A.	Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transp.	Observer	Sky	Temp. C.	Focal Settings	Plate and Emulsion	Quality	Remarks
		1916																	Trail Sagittarius 5.6 $18^h 8$ $-21° 44'$
2530	N.G.C. 6494	17 53	−19 0	Apr. 27		14 48 to 15 28	1R	40	E 0;35 W 0;05				Sull Lee					f	Very active Aurora throughout the night.
2531	N.G.C. 6494	17 53	−19 0	"		15 41 15 57	1R	10	W 0:23				Sull Lee					f.	
2532	Vega	18 34	38 42	"		16 03 16 07	2L 3L	3 3	W 0;02 W 0:06				Sull Brell					g.	
2533	70 Ophiuchi	18 1	+2 31	May 3		14 21 14 32	9R 10R	10 10	E 0:50 E 0.38	W	3	3	2 VanB Sull					g	
2534	"	18 1	+2 31	"		14 47 14 58	9R 10R	10 10	E 0:23 E 0:11				VanB Sull					g.	
2535	1 Sextantis	9 48	+2 52	May 4		7 40 7 52	2R 3L	10 10	W 0:42 W 0:54	W	2	2	1 VanB Sull	Cloudy	+12.0	213.2	Ord.	g.	10 min. through clouds; about 5m effective. " " " 1m " Same plate.
"	β Leonis	11 44	+15 4	"		8 10 8 36	4L 5L	10 10	E 0:40 E 0:14				VanB Sull	4				g	Corrected rate of driving clock.
2536	12 Can. Venat.	12 52	+38 48	"		9 22 9 39	10L 11L	15 15	E 0:35 E 0:18		2	2	3 VanB Sull	Clear				g.	"
2537	BD-1° 2754	12 56	−2 13	"		9 58 10 4	9L 10L	6 6	E 0:03 W 0:03		2	3	3 VanB VanB	"				f.	
2538	α Lyrae	18 34	38 42	"		15 7 15 13	2L 3L	4 4	E 0:30 E 0:26				Sull Lee		12.0	213.0		g	
2539	β Lyrae	18 47	33 15	"		15 34 15 44	1L 2L	8 8	E 0:15 E 0 07		2	2	2 Sull Lee					f.	Seq. 4

—	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definit	Steadin	Transp	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2540	ζ Ophiuchi	17h 31m +12° 38'	May 10		14 26	8 R	6	W o: 14	W	2	2	2	Van B	Hazy	12°.0	213.0		g	Wind!
					14 33	9 R	6	W o: 21					Sull					
2541	ζ Lyrae	18 34 38 42	"		14 49	2 L	4	E 0:24		2	3	2	Van B					g.
					14 54	3 L	4	E 0:19					Sull					
2542	BD 20°3876	18 35 20 33	"		15 10	0 R	8	E 0:04		2	2	2	Van B					g.
					15 19	1 R	10	W 0:05					Sull					
2543	β Lyrae	18 47 33° 16'	"		15 38	1 L	7	W 0:12		2	2	2	Van B					g
					15 45	2 L	7	W 0:19					Van B					
2544	BD 8°2512	11 25 +8° 6'	May 11		8 57	5 R	9	E 0:06	W	3	3	3	Van B		13.0	213.3		g.
					8 7	6 R	10	W 0:05					Sull					
2545	β Leonis	11 44 +15° 5'	"		8 22	4 L	6	E 0:01		3	3	2	Van B					g.
					8 29	5 L	6	W 0:06					Sull					
2546	12 Can. Venat.	12 52 +38 48	"		8 45	10 L	12	E 0:44		3	3	3	Van B					f. Sector 20
					8 58	11 L	12	E 0:31					Sull					
2547	ζ Ophiuchi	17 39 +4 36	May 11		14 24	8 L	8	W 0:09		3	2	2	Sull	Thick	+12.0	213.0		f.
					14 33	9 L	8	W 0:19					Lee	Even thicker				
2548	K 38	18 46 45 8	"		14 to 48			E 0:31				1	Sull	"			v. p.	Driving is faulty. Images are like tadpoles.
					15 33	3 R	45	W 0:12				0	Lee	" !				
2549	BD 28°2078	12 1 +28 0	May 12		8 4	4 R	12	E 0:13	W	3	1	3	Van B	Clear	12.0	213.0		g. Wind shakes telescope.
					8 18	5 R	12	W 0:07					Sull					
2550	δ Corvi	12 25 −16 1	"		8 34	1	2	E 0:01					Van B					g.
					8 37	2	2	W :02					Sull					

—	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position & Telescope	Definit	Steadi	Trans	Observ	Sky	Temp. C.	Focal Settin	Plate and Emulsi	Quality	Remarks
2551 ✓	δ Corvi	12h 25m −16° 1′	1916 May 18	8 43 8 46	1 L 2 L	2 2	W 0:07 W 0:16	W	3	1	3	Van B Sull	Wind!				g	-
2552 ✓	BD −1°2754	12h 56m −2° 13′	"	9 01 9 08	4 L 5 L	6 6	E 0:08 E 0:01	W	3	1	3	Van B Sull					N. Cl.	π stars near plate edge.
2553 ✓	20°3876	18 35 20 33	"	14 22 14 31	0 1 R	8 8	E 0.22 E 0:14		2	2	2	Sull Lee	Clear	9.7	212.5		f	
2554 ✓	β Lyrae	18 47 33 15	"	14 47 14 56	1 L 2 L	8 8	E 0:10 0:00					Sull Lee					g	Trail.
2555 ✓	U Sagittae	19 15 19 27	"	15 24 15 35	0 1 R	10 10	000 W 0:10					Sull Lee					p.	
2556 ✓	g Sagittae	19 45 18 53	"	15 50 15 56	3 L 4 L	5 5	E 0:04 W 0:08					Sull Lee					f.	
2557 ✓	K 32	12 57 44 47	23 May	8 to 7 8 to 55	3 L	48	E 0:36 W 0:12	W	3	2	3	Sull Lee	Clear	19.2	214.3		g	
2558 ✓	W.B. 13h 241	13 16 35 36	"	9 07 9 14	1 L 2 L	6 6	0:00 W 0:08					Sull Lee					g	6.7 L : 0
2559 ✓	Σ 1785	13 44 27 29	"	9 28 36	6 L 7 L	6 6	E 0:08 E 0:02					Sull Lee	High Humidity.				f.	
2560 ✓	α Boötis	14 12 19 38	"	9 52 10 07	8 R 9 R	8 8	E 0:12 E 0:02					Sull Lee					g	

	Star	R.A.	Date	C.S.T	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trail	Observ	Sky	Temp. C.	Focal Settin	Plate and Emulsi	Quality	Remarks
			1916															
2561	β Comae	13 8 28 20	May 30	8h 30 8 47	7½ 7½	15 15	W 0.02 W 0:18	W	1	1	2	Lee	Clear	15.6	213.4		v. p.	
2562	B.G.C. 6711	13 59 8 58	" "	9 13 9 26	6L 7L	12 12	E 0:09 W 0:05		2	1	3	Sull Lee					p.	
2563	44 i Bootis	15 1 48 0	" "	9 47 9 57	4L 5L	10 10	E 0.36 E 0.26		2	2	3	Sull Lee					f.	
2564	Cygni 6	19 10 49 44	" "	14 22 14 31	10.8L 11.4L	8 8	E 0:09 W 0:10		2	2	3	Sull Lee	Clear	10.3	212.7		g.	
2565	U Sagittæ	19 14 19 27	" "	14 49 14 58	0R 1R	10 10	W 0:13 W 0:23		2-3			Sull Lee					g.	
2566	b' Cygni	20 3 35 42	" "	15 12 15 17	1R 2R	4 4	E 0:12 E 0:06		3	2	3	Sull Lee					g.	
2567	b' Cygni	20 3 35 42	" "	15 25 15 30	1R 2R	4 4	W 0:02 W 0:07		2			Sull Lee					g.	
(2568)	β Comae	13 8 +28 20	June 4	—	—	—	—						Clear	19.0	214.2			Telescope oscillating in R.A. – Exposure stopped after ±4 min. – Same plate –
2568	Arcturus	14 12 +19 38	"	8 59 9 8	8R 9R	8 8	E 0:16 E 0:09	W	2	2	3	Van B Sull					g.	Guiding better – Sector 1 div. 1 kept!
2569	BGC 6842	14 18 +8 54	"	9 27 9 38	9R 10R	10 10	W 0:04 W 0:15		2	2	4	Van B Sull					g.	
2570	44 i Bootis	15 1 48 0		9 57 10 8	4L 5L	10 10	E 0:05 W 0.06		2	2	4	Van B Sull					g.	

	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Trans.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2571	K 39	19h 47m 44s.55	4 June	14 22 14 56	11 L	34	E 0:42 E 0:08			2+	2	3 Sull Lee	Clear	13.8	213.3		g.	
2572	B.G.C 10289	20 29 -10 12	" "	15 08 15 16	10 L 11 L	8 8	E 0:21 E 0:14			3	2	3 Sull Lee					g	
2573	ζ Cygni	21 11 37 40	" "	15 29 15 34	1 R 2 R	4 4	E 0:43 E 0:38					Sull Lee					g.	
2574	Arcturus	14 11 19 38	11 June	8 11 20	8R 9R	8 8	E 0:36 E 0:25	W		3	3	3 vanB Sull	Clear	18.0	214.0		g.	
2575	BGC 6711	13 59 8 58	"	8 43 8 56	6 L 7 L	12 12	W 0:08 W 0:21			3	3	3					g.	
2576	44 Boötes	15 1 18 0	"	9 17 9 28	4 L 5 L	10 10	E 0:20 E 0:09			3	3	3					g.	
2577	K 39	19 47 44 55	"	14 20 14 34	11 L	14	E 0:01 W 0:13			3	3	3 Sull Lee	Clear	15.0	213.6		g	
2578	K 40	20 47 45 1	"	14 45 15 10	11 R	25	E 0:36 E 0:11					"					g	
2579	Lal 40728	20 57 40 2	"	15 20 15 24	1 L 3 L	4 4	E 0:11 E 0:05					"					g.	
2580	Lal 40728	20 57 40 2	"	15 30 35	3 L 2 L	4 4	0:00 W 0:04					Lee					g	

#	Star	R. A. / Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Diff.	Steadiness			Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916																
2581	Σ 1785	13 44 / 27 29	12 June	8 15 / 8 22	7 R / 8 R	6 / 6	E 0:03 / W 0:04	W	3	3	2	Sull / Lee	thick	Clouds in west	22.4	214.7		g	Yerkes in dome.
2582	Σ 1785	13 44 / 27 29	" "	8 32 / 8 40	8 R / 7 R	6 / 6	W 0:13 / W 0:20					Sull / Lee						g.	
2583	K 34	14 48 / 44 59	" "	8 49 / 9 29	8 R	40	E 0:30 / W 0:10					Sull / Lee						g.	
2584	Leiden 5456	15 16 / 31 3	" "	9 44 / 9 55	8 R / 9 R	10 / 13	E 0:04 / W 0:07					Sull / Lee						g	
2585	M 13	16 38 / 36 39	" "	10 14 / 10 14	7 L	60	E 0:56 / W 0:04					Sull / Lee						g	Plate badly scratched.
2586	Barnard P.M.	17 54 / 4 27	" "	11 32 / 11 45	1 L / 2 L	12 / 12	E 0:57 / E 0:39					Sull / Lee						g	
2587	BGC 6711	13 59 / 8 58	15 June	8 40	6 L	70	W 0:19	W	2	2	2	VanB			15.0	213.6		v.p.	Clouds at end of exposure.
2588	b' Cygni	20 3 / 35 42	" "	14 15 / 14 20	1 R / 2 R	4 / 4	E 0:07 / E 0:03		2	2	2	Sull / Lee			14.0	213.3		g	
2589	b' Cygni	20 3 / 35 42	" "	14 27 / 14 32	2 R / 1 R	4 / 4	W 0:05 / W 0:09					Lee / Sull						g	
2590	K 40	20 47 / 45 1	" "	14 41 / 15 00	11 R	20	E 0:26 / E 0:06					Sull / Lee	cut off by clouds about 3 o'clock					f.	

#	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transp.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2591	b' Cygni	20 3 35 42	18 June	14 05 14 10	1 R 2 R	4 4	E 0.04 W 0.07	W	3	2½	3	Sull Lee	clear	13.4	213.2		g	
2592	b' Cygni	20 3 35 42	" "	14 19 14 24	2 R 1 R	4 4	W 0.08 W 0.14					Sull Lee					g	Trail b' Cygni
2593	β Delphi	20 33 14 15	" "	14 44 14 52	1 L 2 L	8 8	W 0.04 W 0.12					Sull Lee					g	
2594	1 Pegasi	21 88 19 25	" "	15 9 15 18	10 R 11 R	8 8	E 0.16 E 0.07					Sull Lee					g	
2595	1 Pegasi	21 88 19 25	" "	15 29 15 38	11 R 10 R	8 8	W 0.04 W 0.13					Sull Lee					g	Trail 1 Peg.
2596	Barnards P.M.	17 54 4 27	19 June	12 7 12 13	1 L 2 L	6 6	W 0.09 W 0.16	W	2	2		Sull Lee		13.0	213.4		f	
2597	Barnards P.M.	17 54 4 27	" "	12 22 12 30	2 L 1 L	5 5	W 0.25 W 0.33					Sull Lee					f	Trail 17h55 +2° 30
2598	α Cygni	20 38 44 55	" "	14 12	7 R 8 R	8 8	E 0.31					Yowell	Clouds continuously				p	Mr. Yowell of Cincinnati
2599	α Aquilae	19 46 8 38	20 June	13 40 13 48	2 R 3 R	8 6	E 0.06 W 0.03		2	2	2	Sull Lee		12.6	213.2		p	Sx closed to 1 for 2nd exp
2600	β G.C. 10288	20 27 -10 12	" "	14 12 14 22	10 L 11 L	8 8	E 0.14 E 0.05					Sull Lee					g	dec 30
2607	4 Aquarii	20 47 -5 58	" "	14 39 14 49	6 R 7 R	10 10	E 0.07 W 0.02					Sull Lee.					f	dec 30 Tr

#	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Transp	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2602	1 Pegasi	21 18 19 25	20 June	15 9 15 17	9R 10R	8 8	E 0.08 0:00	W				Sull Lee					f.	
2603	1 Pegasi	21 18 19 25	" "	15 29 15 38	10R 9R	8 8	W 0.12 W 0:21					Sull Lee					f	
2604	K 34	14 48 44 59	22 June	8 to 10 8 to 57	8R	41	E 0:30 W 0:71			2-	0	2 Sull Lee	Clouds about	17.0	214.0		f	
2605	Oxf. 44446	15 4 25 15	" "	9 04 9 15	6L 7R	10 10	W 0.08 W 0:20					Yo Sull Lee					f.	
2606	K 34	14 48 45	26 June	8 to 6 8 25	8R	20±	E 0:19 0:00			3	2	3 Sull Lee	Few clouds	23.2	215.0		f	Cut off by clouds and fire
2607	γ Coronae	15 39 26 35	" "	8 52 9 3	7R 8R	6 6	E 0:22 E 0:12					Yo Sull	Caught by clouds				f.	Sep 20
2608	Lal 40728	20 57 40 2	" "	14 22 14 30	2L 3L	6 6	E 0:00 E 0:03					Sull Yo	Clear	15,4	213.6		g.	
2609	1 Pegasi	21 18 19 25	" "	14 48 14 56	9R 10R	8 8	E 0:05 W 0:02			2-3	2	3 Yo Lee					g.	
2610	K 41	21 50 45 2	" "	15 to 7 15 36	6R	29	E 0:20 W 0.09					Sull Lee					g.	
2611	Oxf. 44446	15 4 25 15	27 June	8 29 8 42	6L 7L	12 12	E 0:06 W 0:05	W				Lee Sull.	Very Thick	20.0	214.4		v. p.	
2612	γ Coronae	15 39 26 35	" "	9 09 9 23	7R 8R	10 10	E 0:02 W 0:12					Yo Sull					g	Set by ?

π	Star	R. A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope Defrit. Steadin	Trails	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916													
2613	41 Herculis	16 42 16 15	27 June	9 44 9 57	9L 3L	10 10	E 0:31 E 0:18	W	3	2 3	Sull YO				N. G.	Trail. $16^h 53^m$ $+49° 32'$
2614	N.G.C 6494	17 53 −19°	" "	10 20 11 10 11 16 11 24	1R 2R 3R	50 10 4	E 1:05				Sull Lee Lee				g	Tr. $-21° 18^h 5^m$
2615	N.G.C. 6611	18 14 −14	" "	11 58	3L	30 N	W 0:10	4	3	3	Sull Lee				g	Tr $-14° 35'$ $18^h 21^m$
2616	N.G.C. 6800	19 24 25	" "	12 35 12 57	1L 2L	10 30	E 0:20 W 0:03				Sull Lee				g	Tr $24° 35$ $19^h 22^m$
2617	K 40	20 47 45 1	" "	13 46	11R	30	E 0:32				Sull Lee		15	213.4	g	Tr. α Cygni.
2618	4 Aquarii	20 47 −5	" "	14 19 14 30	6R 7R	6 8	E 0:07 W 0:11	4	3	2	Sull Lee Yo				g	
~~2618~~	Lal 41746	21 22 46 19	" "	14 47	9L 10L	4 4	E 0:07				Sull	Cut off by clouds.				
~~2619~~	Lal 39439	16 3 38 52	29 June	9 14 9 30	5L 6L	12 12	E 0:15 0:00	W			Sull Yo Lee	Clear	24.2	215.0		L 5,6
2619	Lal 40844	21 1 6 44	2 July	14 12 14 23	7R 8R	8 8	E 0:07 W 0:10				Sull Yo	Flick Cirrus	18.8	214.2	f	
2620	Lal 40844	21 1 6 44	" "	14 34 14 42	8R 7R	8 8	W 0:20 W 0:29				Lee Lee				v.p	
2621	41 Herculis	16 41 6 15	3 July	9 45 9 57	2L 3L	10 10	E 0:05 W 0:05				Sull Lee	Clearing	20.8	214.0		

π	Star	R. A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2622	W.B. XXI 504	21 25 -12 53	3 July	14 31 14 47	8L 9L	15 15	0:00 W 0:15	W	3	3	3	Sull Yo.	Clear	18.0	214.1		g	
2623	B.D. 58°2402	22 9 59°	" "	15 05 15 13	6R 7R	6 8	E 0:14 W 0:03					Lee Yo					g	
2624	B.D. 53°2911	22 29 53 20	" "	15 30 15 38	5R 6R	6 6	E 0:08 W 0:02					Sull Yo.					g	
2625	K 36	16 46 45 22	4 July	9 to 12 10 0	9L	48	E 0.39 W 0:09		1-3	3	2	Sull Lee	Fairly Clear	24	215.2		g	
2626	71 g Cygni	21 26 +46 6	"	14 37 14 42	9R 1R	4 5	W 0:02 W 0:08					Lee Sull	Partly cloudy	19.2	214.0		g	2nd exposure interrupted and cut off by clouds
2627	BD 58 2402	22 08 +58 59	"	15 01 15 13	6R 7R	10 10	E 0:12 0:0		3-4 3	4 3	2 2	Sull Yo					g	
2628	BD 53 2911	22 29 +53 02	"	15 39	5R	6	W 0:07					Yo					p.	Cut out by daylight.
2629	γ Coronae	15 39 26 35	6 July	8 17 8 29	7R 8R	8 8	E 0.22 E 0 13		3	3	3	Sull Yo	Clear	25.4	215.2		g	
2630	γ Cor.	15 39 26 35	"	8 43 8 52	8R 7R	8 8	W 0:06 W 0:17		3+	2	3	Yo Sull					g	
2631	K 36	16:46 +45 to 22	"	9 to 11 9 56	9L	45	E 0:10		3+	3	3	Yo Sull					g.	
2632	K 41	21 50 45 2	"	14 to 19 14 55	6R	36	E 0.25 W 0:11					Sull Lee	Clear	22.0	218.8		g	Trails

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2633	K 42	22 49 45 13	6 July	15 to 10 15 45	2L	35	E 0:35 0.00	W	3	3	3	Sull Lee					g	Trail.
2634	71 g Cygni	21 26 46 6	9 July	14 10 14 15	0 L 1 L	4 4	W 0:01 W 0:03		3	3	4	Sull Lee	Clear	16.2	213.6		g	Trail of π
2635	BD 53°2911	22 29 53 20	" "	14 40 14 50	5R 6R	8 8	E 0:33 E 0:24					Sull Lee					g	
2636	BD 53°2911	22 29 53 20	" "	15 2 15 11	6R 5R	8 8	E 0:11 E 0:05					Sull Lee					g	
2637	2 Androm	22 58 42 16	" "	15 29 15 35	5R 6R	6 6	E 0:14 E 0:10					Sull Lee					g	
2638	2 Androm	22 58 42 16	" "	15 42 15 46	6R 7R	4 4	E 0 03 0.00		3	3	2	Lee Lee					g	
2639	WB 16 400	16 24 +3 29	10 July	8 38 8 50	3R 4R	10 10	E 0:27 E 0:15					Sull Yo		24.0	215.0		1 g	
2640	41 Herc.	16 40 +6 15	"	9:13 9:24	2L 3L	10 10	E 0:08 W 0:03		3	2	3	Yo Sull					g	
2641	Cal 31055	17 0 -4 55	"	9:52 10:05	8L 9L	12 12	W 0:11 W 0:24					Yo Sull					g	
2642	Off. 74584	21 40 24 57	"	14 19 14 31	1R 2R	14 14	E 0:03 W 0:11		3	3	4	Sull Lee	Very Clear	20.0	214.5		g	
2643	K 42	22 49 45 13	"	14 to 48 15 18	2L	30	E 0:42 E 0:12		4			Sull Lee					v.g.	

π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definit.	Steadin.	Trans.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
	B.C.C.	23 14		15 33	0L	8	E 0.21	W				Sull						
2644	12290	4 56	10 July	41	1L	8	E 0.15					Lee					g	
	Lal	16 3		8 33	5L	10	E 0.09					Sull						
2645	29439	38 52	11 July	8 45	6L	10	W 0.07	W	3	3		Lee	Clear	28.4	215.8		g	Miss Wickham in the Dome.
2646	41 Herculis	16 41	" "	9 00	2L	6	E 0.25					Sull						
		6 15		9 07	3L	6	E 0.12		4	4	½	Lee					g.	
	Lal	17 0		9 22	8L	8	E 0.17					Sull						
2647	31055	-4 55	" "	9 30	9L	8	E 0.09				1	Lee						
																	o.g.	
	Lal	17 0		9 44	9L	10	W 0.05					Sull						
2648	31055	-4 55	" "	9 55	8L	10	W 0.16					Lee.	Thick				f	
																	f.	
2649	33 Pegasi	22 18	" "	14 38	3L	10	E 0.18					Yo						
		+20 21		14 49	4L	10	E 0.06		3	2	2	Lee		23.1	214.9		p.	
~~2650~~	Lal. 44739	22 47		15 09	5R	10	E 0.15					Sull						Forgot to reset sector
		+9 18	" "	15 20	6R	10	E 0.03					Yo						
~~2651~~	Lal. 44739	"	" "	15 34	6R	10	0.10W					Yo						Grinding difficult
					FR							~~Sull~~						
		16 41		8 55	2L	10	E 0.15					Sull						
2650	41 Herculis	6 15	13 July	9 06	3L	10	E 0.05		2	2	1	La	Clouds & Haze	27.4	215.5		f	
		16 41		9 19	3L	10	W 0.10					Sull						
2651	41 Hercalis	6 15	" "	9 29	2L	8	W 0.19					Lee					f.	
		17 34		9 45	10L	6	E 0.18					Sull						
2652	26 Draco	61 57	" "	9 52	11L	6	E 0.11				2	Lee					g.	Trail 26 Drac.

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Transp.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2653	33 Pegasi	22 19 +20 21	July 13	14 21 14 33	3L 4L	10 10	E 0 28 E 0 14	W	1-2	2	1-2	Yo Sull	clouds & haze				f.	
2654	2 Androm	22 58 +42 16	"	15:05 15:13	5R 6R	6 6	E 0:23 E 0:15					Yo Yo					f.	
2655	γ Coronae	15 39 26 35	July 14	8 25 8 35	7R 8R	8 8	W 0:20 W 0:31		3	2	2-3	Sull Yo	V. Thick	26.3	215.5		g	
2656	N.G.C. 7092	21 29 48 3	" "	12 41 12 57	9R 10R	8 8	E 1:12 E 1:03		3	2	2	Sull Lee	Hazy	22.6	214.8		g	Eclipse just over. Pn. 21h 30 +45 25
2657	N.G.C. 7281	22 22 57 25	" "	13 15 14 00	5R	45	E 1:30 E 0.45					Sull Lee					f.	
2658	ε Cephei	22h 1 64 13	" "	14 16 14 25	10R 11R	8 8	E 0:09 0:00					Sull Lee					g.	
2659	K 42	22 49 45 13	" "	14 57 15 13	2L	36	E 0:36 0:00					Sull Lee	Thicker				g.	
2660	B.D.C 12290	23 14 4 56	" "	15 30 15 42	0L 1L	10 10	E 0:09 W 0:03					Sull Lee	Thin Clouds.				f.	
2661	β Pegasi	22 59 +28 10	July 16 15 19 15 50	15 19 15 30	7R 8R	10 10	W 0:02 W 0:13		2	2	2-3	Yo Lee					f.	
2662	Lalande 32805	23 45 +2 04	July 16 15 54	15:54	4L	8	E 0:07					Yo					1f.	
2663	WB 16h,400	16 24 +3 29	July 18	8:39 8:51	3R 4R	10 10	W 0:05 W 0:17					Yo Sull					g.	

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2664	77 X Her.	17 24 +48 20	July 18	9:26 9:40	OR 1R	12 12	E 0:10 W 0:06	W	3	3	3	Yo Sull					g.	
2665	BD -16° 4706	18 01 -16 42	"	10 01 10 07	1L 2L	4 4	E 0:10 E 0:04					Yo Yo					fr.	Tel. poor on 2nd exposure + guiding difficult. Slant cients occasionally.
2666	33 Pegasi	22 19 20 21	"	14 25 14 34	3L 4L	8 8	E 0:02 W 0:05		3	3	2	Sull Lee	Slight Haze	24.6	215.2		g.	
2667	2 Andron	22 58 42 16	"	14 48 14 53	5R 6R	4 4	E 0:18 E 0:15					Sull Lee					g.	
2668	B.G.C. 12290	23 14 4 56	"	15 07 15 16	0L 1L	8 8	E 0:16 E 0:07					Sull Lee					f.	
2669	A near B.G.C 12290	23 14 4 56	"	15 34 15 43	0L 1L	8 8	W 0:11 W 0:20		3	3	3	Sull Lee					f	Sec. about 40. Measd & comp. Wolf. Charts.
2670	Lal 29439	16 3 38 52	20 July	8 15	5L	15	W 0:07					Sull Lee	Clear	27.0	215.6		fg.	
2671	Lal 31055	17 0 -4 55	" "	8 40 8 53	8L 9L	12 12	E 0:22 E 0:10		3	3	3	Sull Lee					g	Trail 17h21 – 4°59'
2672	77 X Herculis	17 24 48 20	" "	9 17 9 26	0R 1R	8 8	E 0:10 E 0:07					Sull Lee					g	
2673	55 ξ Aquar	22 24 -0 32	" "	14:31 14:45	4R 5R	12 12	W 0:05 E 0:20					Yo Sull.					p.	
2674	β Pegasi	22 59 +27 32	" "	15:12 15:23	7R 8R	10 10	W 0:10 E 0:21 W		2	2	3	Yo Sull					g.	

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp. C.	Focal Settings	Plate and Emulsion	Quality	Remarks
			1916															
2675	Lam 32805	23 45 +2 19	20 July	15 43 15 52	4L 5L	8 8	E 0:04 W 0:05	W				Yo Yo					g	
2676	NGC7654	23 [illegible] 61 3	23 July	14 31 15 16	2R	45	E0:36 W006		3	2	2	Sull Lee	Clear & Clouds	25	215.2		f f	
2677	B.D.C 12755	0h 2 57 57	"	15 33 15 43	2L 3L	8 8	E075 E007					Sull Lee					g g	Nebulosities in field
2678	α Lyrae	18 34 +38 42	July 25	9:30 9:36	2L 3L	4 4	E 0:45 E 0:39		3	2	23	Yo Lee		26.7	215.6		g	
2679	β Pegasi	22 59 27 32	" "	14 20 14 31	7R 8R	10 10	E 0:20 E 0:10		2	2	2	Sull Lee	Hazy	24.8	215.2		g g	
2680	B.D.C. 12290	23 14 4 56	" "	14 57 15 02	0L 1L	10 10	E0:05 W0:05					Sull Lee					f f	
2681	Lam 32805	23 45 2 19	" "	15 19 15 28	4L 5L	8 8	E 0:08 0:00					Sull Lee					g g	
2682	Lam 32805	23 45 2 19	" "	15 41 15 49	5L 4L	8 8	W 0:13 W 0:23		3	2	2	Sull Lee					g g	Pn. 20°37 1°10'
2683	W.B. 16h 400	16 24 3 27	27 July	8 14 8 26	3R 4R	10 10	W 0:15 W 0.26	W	3	3	2	Sull Lee	Very Thick	34.2	216.8		g g	
2684	K 37	17 49 45 0	" "	8 to 36 9 16	3L	40	E 0447					Sull Lee					g g	
2685	Barnard's P.M.	17 54 4 27	" "	9 27 9 32	1L 2L	5 5	E 0.03 W 0.05		4	4		Sull Lee					g g	

π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadiness	Transp	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2686	α Lyrae	18h 34 38 42	27 July	9 47 9 57	2L 3L	4 4	E 0.21 E 0.18	W	4	4	2+	Sull Lee					g	2 leaf 2 See D.
2687	α Lyrae	18 34 38 42	"	9 57	3L 2L	2 2	E 0.11					Sull Lee					f	
2688	α Pegasi	23 00 14 40	27 July	14 32 14:43	8L 9L	8 8	E 0:01 W 0:10		4	3	2+	Yo Sull		30.6	216.2		p	
2689	BC 12755	0 02 +57 57	"	15:05 15:17	3L 4L	10 10	E 0.30 E 0.18					Yo Sull					f	Marked 2687 by mistake - remarked 2689
2690	α Cass	0 35 +55 59	"	15:40	9L	10	E 0:28					Yo					1 g	Comparison on plate board with
2691	α Pegasi	23h 0 14 40	30 July	14 30 14 38	9L 10L	8 8	W 0.09 W 0:16	W				Sull Lee	Thick around edges.	29.6	216.0		p	
2692	K 43	23 50 44 54	"	14 49 15 23	9R	34	E 0.22 W 0.12		3	3	2	Sull Lee					g	
2693	Andr. Net.	0 37 40 19	"	15 29 15 49	3L	20	E 0.30 E 0.10					Sull Lee					g.	
2694	ω Andro	1h 22 44° 53'	"	16 02 16 10	3L 4L	8 8	E 0.38 E 0:39					Sull Lee					g.	Sec 3 5,6L
2695	K 37	17 49 45 0	Aug. 1	8 04 9:15	3L		E 0:29 W to:12		2	2	2+	Sull Lee	Clearing from north.	23.6	215.0		p.	
2696	α Lyrae	18 34 38 42	"	9 27 9 32	2L 3L	5 5	E 0.23 E 0:17					Sull Lee					f.	

π	Star	R.A. Decl.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit.	Steadin.	Transp.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1915															
2697	β Lyrae	18 47 33 16	1 Aug.	9:45 9:54	1 L 2 L	8 8	E 0:16 E 0:08					Sull Lee					f.	Note on 2 unhalf Aug. 1 Yerkes
2698	Lal 31055	17 0 −4 55	3 Aug.	8 26 8 43	8 L 9 L	12 12	W 0:18 W 0:35	W				Sull Lee		+25.2	+21.2		p.	Guiding star for α Pegasi too faint Thick, moist + poor definition Short circuit on illumination for guiding eyepiece. Clouded up.
2699	Barnard P.M.	17 54 4 27	"	9:07 9:13	1 L 2 L	6 6	E 0:07 W 0:12				1 2 3	Sull Sull Lee					f.	Illum. light creeping up
2698A	40°3374	18 24 40 39	"	9 40	0 1 L	4	W 0:07					Sull Lee					1 f.	
2700	K 43	23 50 44 54	"	14 25 14 to 44	9 R	15	E 0:30 E 0:12 to W 0:12					Sull Lee	Clear	20.2	21.4.4		p	Prism turned & cut off guiding star.
2701	3 CC 12755	0 2 57 57	"	15 14	3 L 4 L	8a 8	E 0:07					Sull Lee					1 f.	
2702	Androm Neb.	0 37 40 19	"	15 50	3 L	15	W 0.05					Sull Lee					g.	
2703	K 43	23 50 44 54	6 Aug.	14 to 19 14 to 55	9 R	35	E 0:25 W 0:11				3 2 2	Sull Lee	Rather Thick	26.0	21.5.4		g.	
2704	K 20	0 41 45 24	"	15 to 06 15 41	3 L	35	E 0:30 W 0:05					Sull Lee					g.	Pn. 1h 2m 43° 25′ 5.4
2705	α Andr.	1 22 44 53	"	16 07 16 10	6 L 7 L	8 8	E 0:16 E 0:07					Sull Lee					g.	♀ 6,7 L
2706	α Androm	1 22 44 53	"	16 19 16 25	7 L 6 L	5 5	W 0:02 W 0:07				3 3 3	Sull Lee					g.	

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2707	26 Dracon.	17 34 61 57	8 Aug	7 57 8 04	10L 11L	6 6	E 0:26 E 0:17	W	2	2	2	Sull Lee	Thick in NW	26.6	215.5		g	
2708	26 Drac.	17 34 61 57	"	8 14 8 21	11L 10L	6 6	E 0:09 0:00					Sull Lee					g	
2709	Barnard PM*	17 54 4 27	"	8 35 8 43	1L 2L	5 5	E 0:08 0:00					Sull Lee					f	
2710	Barnard PM*	17 54 4 27	"	8 52 58	2L 1L	5 5	W 0:08 W 0:17					Sull Lee					g	
2711	α Lyrae	18 34 38 42	"	9 13 9 25	2L 3L	4 4	E 0:10 W 0:01					Sull Lee					g	
2712	β Lyrae	18 47 33 16	"	9 50	1L 2L	7 6	W 0:15					Sull Lee					1 f.	Struck pier.
2713	K 20	0h 41 45° 24	"	14 57 15 35	3L	38	E 0:30 W 0:08		3	2	2	Sull Lee	Clear	21.6	214.6		f.	Much trouble with Illum. Running on storage bat.
2714	K 21	1h 36m 45 7	"	15 48 16 27	1L	39	E 0:36					Sull Lee					g	
2715	K 37	17 49 45 0	17 Aug.	7 38 8 14	3L	36	E 0:25 W 0:11	W	3	3		Sull Lee	Clouds in North	28.6	215.8		g	Lightning in N.W. all evening
2716	K 38	18 46 45 8	" "	8 20 9 03	3R	43	E 0:37 W 0:06		3			Sull Lee					g.	
2717	K 39	19 47 44 55	" "	9 14 9 34	11L	40	E 0:44 E 0:04					Sull Lee					g.	

π	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position of Telescope	Definition	Steadiness	Transparency	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
2718	Arnold Wolf 33	0h 46 m 57 50	1916 Aug. 17	15 03 15 12	1R 2R	8 8	W 0.08 W 0.15	W	3	3	2	Sull Lee	Clear	24.0	215		g	
2719	K 21	1 36 45 7	" "	15 24 15 58	1L	34	E 0.23 W 0.11					Sull Lee					g g	
2720	γ Ceti	2 39 2 45	" "	16 16 16 25	3R 3½R	8 8	E 0.32 E 0.23					Sull Lee					f.	Sea D 20
2721	Groom. 1663	0 37 40 19	Aug. 20	14 27 14 42	3L 4L	15 16	E 0.19 W 0.03	W	4	4	2	Sull Lee	Bands of thin clouds	28.2	216.0		2 g.	
2722	N.G.C. 663	1 39 60 44	" "	15 to 0 16 0	11R	60	E 0.40 to W 0.20					Sull Lee	"				v.g.	
2723	γ Ceti	2 37 2 45	" "	16 27	4R 5R	8 8	E 0.12					Sull Lee	"				g.	
2724	Barnards P.M. *	17h 54 4 27	Aug. 22	7 36 7 43	1L 2L	6 6	E 0.10 E 0.03	2	1	3		Lee Sull	Clear	20.6	214.3		g.	
2725	Barnards P.M.*	17 54 4 27	" "	7 58 8 00	2L 1L	6 6	W 0.07 W 0.14					Sull Lee					g.	
2726	α Lyrae	18 34 38 42	"	8 14 8 19	2L 3L	4 4	E 0.13 E 0.07					Sull Lee					g	
2727	U Sagittae	19 15 19 27	"	8 46 8 55	7L 8L	8 8	E 0.24 E 0.11					Sull Lee					f.	
2728	Groomb. 2875	19 29 58 23	"	7 14	3R 4R	10 10	E 0.08					Sull Lee					g.	

2 π	Star	R.A. D.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transp.	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2729	β¹ Cygni	20 3 35 42	22 Aug.	9 38 9 44	1R 2R	4 4	E 0.17 E 0:11	W	3	2-3	3	Sull Lee					g.	
2730	β¹ Cygni	20 3 35 42	"	9 57 9 56	2R 1R	4 4	E 0:03 W 0:02					Sull Lee					g.	
2731	Andr. Neb.	0h 37 40 19	"	14 to 14 14 34	3L	20	E 0:16 W 0:04		3	3	3	Sull Lee	Clear	18.0	213.8		g.	
2732	θ Cass.	1 6 54 40	"	14 58 15 05	5R 6R	6 6	W 0.02 W 0:08					Sull Lee					g.	
2733	N.G.C. 869	2 14 56 48	"	15 18 16 18	6L	60	E 0:45 W 0:15					Sull Lee.					v.g.	Tr. 2h 36m +54° 41'
2734	30° 576	3 11 20 42	"	16 39 16 46	1L 2L	6 6	E 0:23 E 0:07					Sull Lee					f	
2735	K 37	17 49 45° 0'	24 Augl.	7 25 7 47	3L	22	E 0:10 W 0:12					Sull Lee	Cloud near horizon	25.0	215.1		f	
2736	K 20	0 42 45 24	"	14 to 10 14 40	3L	30	E 0:15 W 0:15		3	3	3	Sull Lee	Clear	18.0	214.0		g	
2737	N.G.C. 581	1 28 60 16	"	14 49 15 31	10R	42	E 0:27 W 0:21					Sull Lee					g	Tr. 44 Cass. 1h 36 60° 3'
2738	K 22	2 39 45 13	"	15 54 16 34	10L	40	E 0:27 W 0:13					Sull Lee					g.	Trial 2h 45m 46° 26'

No.	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trans	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2739	ζ Lyrae	18h 34 38 42	29 Aug.	7 36 41	2L 3L	4 4	E 0.22 E 0.17	W	3	2	2	Sull La	Clear Cloudy W	23.0	214.9		g	
2740	β Lyrae	18 46 33 16	"	7 55 8 04	1L 2L	8 8	E 0.16 E 0.06					Sull Lee					g	
2741	K 39	19 47 44 55	"	8 46 15 8 55	11L	40	E 0.55 E 0.15					Sull La					g	
2742	60 β Aquilae	19 50 6 9	"	9 10 9 18	7L 8L	8 8	E 0.06 W 0.03				1	Sull Lee					g	
2743	6 β Delphi	20 33 14 15	"	9 34 9 44	1L 2L	10 10	E 0.25 E 0.15				1	Sull Lee					f	
~~2744~~	θ Cass	1 6 54 40	"	14 19 14 28	5R 6R	8 8	E 0.11 E 0.04	3	3	2		Sull Lee	Rather Thick	18.0	214.0		N.G.	Rejected.
2745	884 N.G. Cass	2 14 56 48	"	14 42 15 42	8L	60	E 0.58 W 0.02					Sull Lee					f	Tr. 2h 47 +52° 21.
2746	30° 576	3 11 30 42	"	16 04 16 11	1L 2L	6 6	E 0.30 E 0.23					Sull Lee					p.	sec.
2747	K 2 3	3 39 45 4	"	16 23 16 48	5L	25	E 0.41 E 0.16					Sull Lee					g.	
2748	K 23	3 39 45 4	7 Sept.	16 00 16 42	6L	42	E 0.27					Sull La	Just cleared	19.8	214.3		f.	Plates of Sept 7 & 10 very soiled due to using
2749	K [illegible]	2 39 45 13	10 Sept.	14 36 15 26	10L		E 0.37 W 0.13					Sull St.		17.8	214.0		f-p.	deep well water for washing.

π	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Transp	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2750	B.D 30°516	3 11 30 42	10 Sept.	15 41 53	1 L 2 L	10 10	E 0:05 W 0:06	W	3	3	2	Sull Lee St					g	St. = Miss Hannah Steele
2751	B.G.C. 2007	3 58 39 19	"	16 19 16 32	1 R 2 R	12 10	E 0:08 W 0:05					Sull St					f.	
2752	d Tauri	4 30 16 19	"	16 50 16 56	7 L 8 L	5 5	E 0:17 E 0:10					St Hall					f.	
2753	β Delphini	20 33 14 15	12 Sept.	9 35 9 49		10 10	W 0:35 W 0:47		1	1	2	Sull St Lee	Passing Clouds	11.4	172.7		f.	New 1so Magnitude & Plate magazine attached.
~~2754~~	B.G.C. 9114	19 8 38 37	14 Sept.	7 25 7 34	2 L 3 L	6 6	E 0:03 W 0:07		2	2	3	St Lee	Cloudy	13.8	172.1		N. G.	Rejected.
2754	γ Sagittae	19 45 18 53	"	7 50 55	3 L 4 L	3 3	E 0:17 E 0:11					Sull Stahl					p.	
2755	α Aquilae	19 46 8 38	"	8 7 8 15	8 R 9 R	6 6	E 0:01 W 0:08					Sull St					n.p.	
2756	β Delphi	20 33 14 15	"	8 41 8 52	4 L 5 L	10 10	E 0:11 E 0:04					Sull Lee					p.	
2757	Lal 40728	20 57 40 2	"	9 18 9 26	2 L 3 L	8 6	W 0:02 W 0:08					Sull St					p.	
2758	α Cephei	21 16 62 10	"	9 46 9 53	4 R 5 R	6 6	W 0:08 W 0:15					Sull Lee					f.	
~~2760~~	γ Ceti	2 39 2 50	"	14 31	4 R 5 R	10 10	E 0:23 .		1	2	3	Sull St	V Clear	9.0	171.6			

π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trail	Observers	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2759	β Delphini	20 33 14 15	17 Sept	8 05 8 17	4L 6L	10 10	E 0.35 E 0.25	W	3	3	3	Sull St	V. Clear	11.2	171.9		g.	
2760	4 Equulei	20 47 -5 57	"	8 34 8 44	6R 7R	10 10	E 0.21 E 0.12				2	Sull Lee					g.	
2761	K S 12	21 57 58 35	"	9 to 04 10 04	10L	60	E to 1.01 E 0.07					Sull St Lee					g.	
2761a	Focus Plate	+ 11°	"				E 0.03 to W 0.17					Sull St Lee					f	
2762	N.G.C. 7788 & 7790	23 53 61 0	"	11 6 12 6	4L	60	E 0.55 to W 0.06		3	3	3	St Sull Lee	Light cloud forming near zenith	9.8	171.6		g.	
2763	N.G.C. 129	0 h 26 59 47	"	12 26 12 54		28	E 0.07 W 0.21					Sull Lee					g	
2764	N.G.C. 663	1 39 60 44	"	13 05 14 05	8L	60	E 0.44 W 0.16					St Lee					g.	
2765	K 22	2 39 46 13	"	14 to 17 15 0	10L	43	E 0.30 W 0.13					Sull Stubbs					g	but broken in two pieces
2766	95 Ceti	3 14 -1 15	"	15 18 15 31	6R 7R	12 12	E 0.04					Sull Lee					f	
2767	0^2 Eridani	4 11 7 47	"	16 07 16 37	2.4L 2.7L	20 20	E 0.17 W 0.19					Sull St					p	Voltage rundown too low for work for a while.
2768	d Aurigae	5 9 45 54	"	16 57 17 04	8R 9R	7 6	E 0.22 E					St. Lee					f.	

π	Star	R.A. Dec.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trans	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2769	U Sagittae	19 15 19 27	19 Sept.	7 08 7 16	9.5R 10R	10 18	E 0:11 E 0:01	W				St Lee	Full of small clouds	16.6	172.6		f.	9.5, 10.0 R ?
2770	K 39	19 47 44 55	"	7 28 7 to 58	11L	30	E 0:20 W 0:10		3	3	3	St Sull					g.	
2771	K 40	20 47 45 0	"	8 17 8 to 57	11R	40	E 0:30 W 0:10					Sull St	Very clear.				g.	
2772	K 41	21 50 45 0	"	9 to 12 9 52	6R	40	E 0:35 W 0:05					Sull St					g	
2773	N.G.C. 1068	2 38 0 23	"	14 17 14 57	2L	40	E 0:21 W 0:19		3	2	2	Sull Lee	High wind Sky hazy	13.0	172.2	Cram Inst. 8470	f.	
2774	Pleiades Center	3 41 23 45	"	15 28 15 49	1R 2R	18 18	E 0:11 W 0:07		2			Sull Lkv.	Clouds & Clear			Cram Inst. 8470	g	Spot plate on Plate Glass.
2775	α Tauri	4 30 16 19	"	16 18 16 26	7L 8L	6 6	E 0:13 E 0:07					Lkv. Sull	Clouded over				f.	Lkv = Mr. Julius Lenkovitz
2776	Ground 2875	19 29 58 23	21 Sept.	7 03 7 12	3R 4R	8 8	E 0:21 E 0:12		3	2	2	Lkv. Lee	Few Clouds	16.0	173.7		g	
2777	K 39	19 47 44 55	"	7 24 52	11L	28	E 0:17 to W 0:11					Sull Lee					g	
2778	K 40	20 47 45 1	"	8 00 8 40	11R	40	E 0:41 E 0:07					Sull Lee					g	
2779	N.G.C. 7092	21 29 48 3	"	8:55 9 09	7R 8R	10 10	E 0.26 E 0:14					Sull Lkv.					f.	Use for Iris magn test.

π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Trans	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
			1916															
2780	K Pegasi	21 41	21 Sept	9 26	5R	8	E 0.08					Sull						
		25 14		9 37	6R	10	W 0.03	3	3	3		Lkv.					g	
2781	β Lyrae	18 46	24 Sept	6 24	1 L	6	E 0.05											
		33 16		6 31	2 L	6	W 0.02	4	3	4		Lee	Clear	18.6	173.0		g.	
2782	β Cygni	19 27		6 47	8 L	6	E 0.22											
		27 46	"	6 54	9 L	6	E 0.15					Lee					g	
2783	α Aquilae	19 46		7 14	8R	4	E 0.15											
		8 38	"	7 19	9R	4	E 0.10					Lee					g.	
2784	B.D.C.	20 27		7 32	10 L	4	E 0.38					Sull						
	10289	-10 12	"	7 38	10 L	4	E 0.31					St.					g.	
2785	α Cygni	20 38		8 03	7R	5	E 0.23					Sull						
		44 55	"	8 08	8R	5	E 0.12					St					g.	
2786	Lal 40728	20 56		8 25	2 L	5	E 0.12					Sull						
		40 2	"	8 32	3 L	5	E 0.08					St					1 g exp.	
2787	Ks 12	21 57		8 to 55			E 0.40					Sull						
		58 35	"	9 55	10 L	160	to W 0.20					St					g	
2787a	Focus Plate	11°	"				E 0.15					Sull						
							W 0.10	3				St		16.2	172.8		g	Best Image is that at 173.0
2788	NGC 7795	23 55		11 17	3R	10	E 0.20					Sull						
		59 35	"	11 29	4R	10	E 0.08					St			172.8		g.	
2789	NGC 457	1 14		11 55	9R	10	E 0.55					Sull						
		57 54	"	12 06	10R	10	E 0.12					St					g	

π	Star	R.A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position in Telescope	Definition	Steadiness	Transparency	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks
2790	NGC 581	1 28 60 1.6	1916 24 Sept.	12 48 12 56		10R	10 10	E 0:22 E 0:13	W	3	3	Sull St. Lee					g.	
2791	N.G.C. 869	2 14 56 48	"	13+10 14 00		6L	50	E 0:45 to W 0:05				Sull Lee					g.	
2792	N.G.C. 1068	2 38 0 23	"	14 08 14 48		2L	40	E 0:12 to W 0:28				Sull Lee					g.	Light wind springing up caused moment of bad seeing. It died down again & seeing was constant and good
2793	K 23	3 39 45 4	"	14 56 15 34		5L	30	E 0:25 to W 0:13				Sull Lee					g	
2794	o^2 Eridani	4 11 7 48	"	15 04 16 18		4.2 4.4	25 15	W 0:15 W 0:30			3	Sull Lee					N.G.	
2795	T Tauri	5 3 39 28	"	16 38 16 45		10R 11R	6 6	E 0:08 0:00				Sull Lee					g.	
~~2796~~	ε Orionis	5 31 -1 16	"	17 03 17 08		1L 2L	4 4	E 0:06 E 0:01	3	3	3	Sull Lee		14.6				Plate broke during treatment
2796	B.G.C. 914	19 8 38 37	30 Sept.	6 17 6 24		1L 2L	6 6	E 0:10 E 00:9	3	2	3	Lee	Clear	13.6	172.1		g.	Mr. V-R. Evans in the Dome.
2797	ζ Sagittae	19 45 18 53	"	6 38 6 44		3L 4L	4 4	E 0:26 E 0:19				Lee					g.	
2798	β Aquilae	19 50 6 9	"	7 06 7 13		7L 8L	6 6	E 004 W 0:04				St St. Lee.					f.	
2799	α Cygni	20 38 44 55	"	7 29 7 38		7R 8R	8 8	E 0:26 E 0:17				St Lee					g.	
2800	W. B. 20h 1454	20 59 2 36	"	7 59 8 11		4L 5L	10 10	E 0:19 E 0:04				St Lee					f	

2 π	Star	R. A.	Date	C.S.T.	Guiding Star	Exposure Time	Hour Angle	Position Telescope	Definit	Steadin	Tra sh	Observer	Sky	Temp. C.	Focal Setting	Plate and Emulsion	Quality	Remarks

O^h

BJC 12740 See Book 4
ε Androm See Book 3
μ Androm See Book 3

I^h

φ Androm See Book 3
48 Cassiop " " 3

II^h

θ Persei See Book 3
Anon Present " " 4 For prop. mot
20 Persei " " 2

III^h

Algol See Book 4 S'anF. 1915
α Persei " " 3
Lal 6888-9 " " 2
ξ Persei " " 3

IV^h

A Ue 4961 See Book 2
9 Camel " " 2

V^h

φ' Orionis See Book 2
φ² Orionis " " 2
θ' Orionis " " 4
μ Orionis " " 2

VI^h

Nova Gem (2) See Book 2

VII

Lal 15565 See Book 4 S'anF. 1915

VIII^h

W 8^h 596 See Book 3

IX^h

~~Lal 14578~~ ~~See Book 4~~
W Urs Maj See Book 4
Lal 19229 " " 4

X^h

A Ue 12642 See Book 4 S'anF. 1915

XI^h

Wolf Anon 11^h 6^m See Book 4

XII^h

Wolf (AN Vol 171 151) See Book 4
Lal 23223 " " 4

XIII

42 Comae See Book 4

XIV

Berlin B
Berber ACC 5072-3 See Book 4

XV

Lal 27744	See Book 4
γ Coronae	" " 3
ξ Scorpii	" " 4

XVI

Oppd 46692	See Book 4
Groombridge VII	" " 2
λ Ophiuchi	" " 4 San F. 1915

XVII

U Ophiuchi	See Book 4
BD 42, 2810	" " 4
BD 18° 3424	" " 2
96 Herculis	" " 2

XVIII

70 Ophiuchi	See Book 4
6 Lyrae	" " 2
Draco 205	" " 4
BD 18° 3911	" " 4

XIX

17 Lyrae	See Book 2
16 Cygni	" " 2

XX

BD 35° 3982	See Book 4 San F. 1915
P Cygni	" " 2
BD 43° 3571	" " 4
η Cephei	" " 2
Ψ Cygni	" " 2

XXI

61 Cygni	See Book 3
T Cygni	" " 2
β Cephei	" " 4
K 41	" " 4

XXII

ε Cephei	See Book 3
Nova Lacertae	" " 2
BD 29.4753	" " 4 San F. 1915

XXIII

BD 28° 4562	See Book 3
Oppd 68304	" " 3
ψ Cephei	" " 3
ξ Pegasi	" " 3

BGC 12755 E 1007, M 1336, E 1425, E 1441, E 1462, M 1639, M 1644, M 1653, E 1733, E 1760, E 1777, E 1848, M 2677, M 2689, M 2701 Completed

BD -5°3 ° 500, E 1014,

B.G.C. 92 40 Eqtl. 2311

α Androm. E 570, E 608, E 1741, E 1815, E 1820, M 2187

β Pegasi E 2354

γ Androm. 34) M 278, E 300

-17°63 E 1821

N.G.C. 129. ° 2763

α Cass ° 1717, E 1867, M 2690 1944.

13 Ceti M 71, M 72, E 1865,

Androm Nb E 1410, E 1415, E 1450, E 1456, M 1654, M 1662, E 1778, E 1826, E 1836, E 1877, E 2321, M 2693, M 2704, M 2721, M 2731

Anon P.M. Stan E 1355, M 2718

η Cass E 1792, E 1816, E 1849, M 2194, E 2336

K 20 E 356, M 478, E 550, E 589, M 831, M 848, E 1056, E 1467, E 2366, M 2704, M 2713, M 2766

BD 63°137 E 1435, E 1442, E 1457, E 1463

μ Cass E 147, E 181, E 189, E 351,

N.G.C. 457, ° 2789

θ Cass E 167, E 195, E 293, M 296, E 616, M 1645, M 2732

N.G.C. 581 M 2737, ° 2790

Lal. 2387 E 612, E 1019, M 1655, E 1822, E 1885

ω Androm E 1850, E 1890, M 2177A, M 2208, M 2224, E 2367, M 2694, M 2705, M 2706

N.G.C. 663, M 2742, ° 2764

K 21, E 357, E 358, M 455, M 464, M 486, M 856, E 1827, E 1837, E 1851, M 2195, M 2210, M 2714, M 2719

β Arietis E 1866, M 2182, M 2185, M 2211

BD +15°280 M 501, E 573, M 1663, M 1679, E 1838, M 2204

α Arietis. M 29

6 Persei, E 542, E 620, E 628, M 860, M 863, M 870, E 1025, E 1038, E 1057, M 1846, M 1350 ?, E 1451, E 1464, M 2189 +, M 2196, M 2205] Completed

Messier BII 95 – E 639, M 871, E 1033 +, E 1047, E 1061, E 1458, M 1664 +

869 M
N.G.C. 2733 ~~M~~, M-O 2791

O Ceti E 1034 +, E 1048, E 1071, E 1072, E 1459, E 1817 +, M 2225

N.G.C. 884 M 2745

+ Pragne 2. 123 ← dependencies are completed E 159, E 190, M 301, M 465, M 471, E 592, E 623, M 885, E 1823, E 1852, E 1891, M 2212, M 2226] M 2252] Completed

N G C 1068 E 1475, M 1686, E 1878, E 1906, M 2773, M 2792

δ Ceti M 73, E 79 +, E 2424 +

χ Ceti E 163, E 191, M 502, E 2407, M 2720, M 2723

K 22 M 2738, M 2749, M 2765 +

BD: 17.529 E 613 +

+ i Persei E 176, E 183, M 488, E 630, M 866, M 897, M 905, E 1058, M 1351, E 1486, E 1487, E 1886 +] M 2183, M 2253] Completed

B.D. -5° 570, E 2426 +

BD 30° 516. E 575, E 594 +, M 1697, E 1893, E 1914, M 2734, M 2746, M 2750

95 Ceti E 1879 +, M 2766

K 23 E 1907, E 1937, M 2747, M 2748, M 2793

Pleiades O 137, B 192, E 595, E 615, E 617, E 623, E 631, E 640, E 658, E 1855a, E 1895b +, E 1895c +, E 1896a +, E 1897, 1904a +, E 1905, 1918a, 1918b, 1918c 1927a, 1947, 2266, 2267, 2285, M 2773 Spo.] See areas in VI

BD 22,583 M 1687, E 1880, E 1894

BD 75:154 M 1705, E 2413

s + Lal 2443 O 160, M 308, M 323,

BGC 1962 E 1887 +,

BGC 2007 E 1915, E 1929 +, M 2757
10 yr

* 0° Eridani E 193, E 208, M 309, M 506, E 1124, E 132, M 1370, M 1371, E 1481 +, E 1488, E 1489, E 1491, E 1908, M 2254, E 2453, M 2767 +, M 2774 +

80 Tauri M 35, M 44, M 48

74 ε Tauri E 1895⁻

α Tauri E 1916 +, E 1930, E 2414 + ‖ M 2752, M 2775

BD 45.992 E 1504, M 1688, M 1706, E 1938

BD 32.843 M 521, E 596, E 634, E 529, M 1689, M 1747

β 882 E 1076, E 1125, M 1359, M 1382, M 1404, E 1480, M 1761 +, M 2268 +, M 2286

B.G.C. 2407, M 2? 2328, E 2425

K 24 E 1940 +, M 2302, M 2806

μ Aurigae E 1115⁻, E 1132, M 1707, E 1898

α Aurigae 1469 appellation ‖ M 2768, M 2807

TT Aurigae E 1917, E 1963, E 2415, M 2795, M 2816

S + Weisse I (5.592) E 68, E 201, E 209, E 216, M 310, M 325, E 361, E 379, E 507 ↩

BGC 2743⁻ M 1748, M 1778, M 1793, E 1931, E 1939, E 1948, E 1954, E 1978, M 2287, M 2288 +, M 2324] E 2466, E 2467] Completed

K 25⁻ E 1928 +, E 1955, M 2303, M 2343

136 Tauri M 1764, M 1800, E 1899, E 1918, M 2326

δ Aurigae E 1102, E 1116, E 1126, M 1411, M 1446 +, M 1780, M 2808

NGC 2099 E 1909

d Orionis M 2817

BD 19°1185⁻ M 1754, E 1932, M 2818

VI h

BD 26°1067 M 1749, M 1787, M 1801, E 1949, E 1964, M 2326, M 2372

2 Lyncis E 1134 +

Clffrd 25°21321 M 1413, M 1427, E 1498, 1511, M 1708

B D Ann M 1709 v

K 26 M 326, M 1405, E 1565, E 1979, E 1996 +, E 1997, E 2010, M 2304, M 2344, M 2377] Completed

BG C 3499 M 1750, M 1782, M 1795, E 1932, E 1950, E 1956, M 2322, M 2327, M 2373

Sirius. E 1497, E 2504 app. 3 yrs.

97 Monoc M 1802, M 1824, M 1839, M 1852, E 1945, E 1957, E 2013 12 yr., M 2305

θ Cam Maj M 131, M 141, M 150, E 220, M 334, E 383, M 526, M 1828, E 1980, E 2011, E 2014, E 2025] San F. 1916.

VII h

R Cam Maj M 1796, M 1841

4 Cle 7846 E 683, M 956, M 979, M 984, M 990, E 1165, M 1412, M 1417, E 1512, IM 1751, E 1958, E 1989, M 2328] Completed

BD+19°1709 E 221, M 335, M 1783, M 1803

α Gemin Castor M 1418, Spectrum E 1470 +, E 1517, E 1530, M 1829 ‖ E 2482, E 2496
8 yrs.

Procyon E 2498, E 2503
1 yr.

W Z. 1029 E 707, M 991, M 1009, M 1009, E 1148, E 1157, M 1428 +, M 1443 +, M 1784, E 1981, M 2387
-1° 1792 ; M 2359, M 2392, E 2484

β Gemin M 80, M 151, M 336, M 1830, E 1976, E 1998, E 2029, E 2038, M 2345, M 2356, M 2378, E 2483, E 2496] Completed

K 27 M 337, M 546, E 717, M 1765, E 1966, E 1990, E 2012, M 2306, M 2374, M 2383
− + − 2 yrs.

S Lal 15290 O 59, E 222, E 387 Discontinued

VIII

W 8.224 E 718, M 1011, E 1180, E 1518, E 1534, M 1766, M 1841, M Completed E 2038, E 2041]

B.D. 25°848 M 2346, M 2360, M 2379

BD 67.552 E 1149, E 1158, E 1179, M 1444, E 1531, M 1785, M 1804, E 2013, M 2358, M 2388

ζ Cancri 10 yr. M 2347, E 2485

Praesepe use Rescan plates also. M 1375 S, M 2394 I, M 2395

B.G.C. 4714 15 yr. E 2031

K 28 E 374, E 388, M 547 p., M 553, M 980, E 1982, E 1991, E 2003, E 2026, M 2357, M 2384

D Aq 1623 M 598, E 670, E 686, M 981 +, M 992, M 1027, E 1172, E 1177, M 1432 +, M 1453 x, E 1545, E 1547, M 1853, M 1856, M 1855] San F. 1916

ε Hydrae 4 yr. M 2380, E 2486, E 2505 +

Fed 1384 E 153, E 238, E 385, M 1860, M 1881, E 1960, E 1968, E 2014, M 2361

9 Ursæ Maj. E 1150, E 1167, E 1187, M 1460, E 1535, M 1856 +

IX

κ Cancri 81, 86

Atlæ 9559 M 577, M 581 +, M 599, E 1550, E 1556

+ 5 Fed 1457-8 E 82, E 241, E 378, E 386) Discontinued.

Lal 18672 , E 2044, M 2381, E 2499

+ 8 Ursæ Maj E 239, E 242,

Lal 19032 E 2043, E 2487

W.B. 9h 954 E 2032, E 2056,

K 29 E 389, M 554, M 578, E 740, M 1002, E 1551, M 1843, San F. 1915

N.G.C. 3031 E 2027, E 2040, M 2416

Lal 19229 M 585 +, M 600, E 671, E 687, E 734 +, E 763, M 993, M 1003, M 1012, E 1152, E 1181, M 1446 +, E 1546, E 1558, M 1831] Completed.

BD-13.2948 E 243, E 390

W Ursæ Maj. See Vol 4. — + M 2376, M 2385, M 2392, M 2396, M 2402] Completed.

7 Sextantis E 240 +, M 186, E 2046, M 2382, M 2390, M 2409, E 2506, E 2522, E 2535

α Leonis. E 2500 Field rejected

ρ Leo E 246, E 391, E 1063

Bx 1447, M 1397, M 1403, E 2507, E 2523

31 Leonis E 1202, E 1205, M 1439, M 1471, E 1552, E 1567, E 1574, M 1844, M 1871, M 1900, M 1910, E 2047, E 2049 Completed

BD 31.2175 M 557, M 602, M 1862, M 2410

K 30 M 1028, M 1883, M 2386

+ Lal 21185 M 66, E 87, M 170, M 178, E 742, E 754, E 1203, E 1204, M 1901, M 1911, E 2050, E 2057, ~~M 2385~~ M 2404, M 2417, E 2524]
centre in one group

α Ursae Maj. E 2508 +

BGC 5695 1919 +

Lal 21258 M 62, M 82, M 353, M 367, E 405, M 1872, E 2045

Fed. 1457, E 2445 + (Bely 4 α: 9″

BD −1°2505 E 353, M 604, E 1568

δ Leonis, M 2318, ‖ E 2519 +

± Alle 11677 M 65, M 647 +

B.D. 20°2594, M 2411

BD +8°2507 M 185, M 354, M 603, M 663, M 1078 +, E 2048 +, E 2057 +, E 2059, E 2075, M 2418

BD +8°2512 M 1924, E 2058, E 2544

89 Leonis M 1870

+ β Leo M 171, M 179, M 186, M 194, M 1896 +, E 2065, E 2084, M 2412, M 2427, M 2433 ‖ E 2520, E 2525, E 2535, E 2545

K 31 M 1029, M 1043, M 1470, E 2064, M 2391

+ g Crucis 1830 M 63, M 84, M 1136

Lal 22647 E 744, M 1105, E 1569, E 1582, M 1874, M 1920, E 2052 +, E 2066, E 2076, M 2399, M 2400, M 2405, M 2406 Completed

BD 28°2078 M 648, E 1575, M 2434, E 2526, E 2549

BD 29.2279 M 637

8 Cnrn M 172, M 187, M 2407, M 2446 ‖ E 2527, E 2550, E 2551

NGC 4565 M 1925, M 2419 Discontinued

NGC 4594 M 1912, M 1969, M 1970

K 32 M 369, M 375, E 413, E 1587; E 2557

12 α CanVen E 1576, E 2077, E 2083, M 2408, M 2428, M 2435, M 2447, M 2460, E 2536, E 2546

BD −1.2754 M 606, M 1902, M 2440, E 2537, E 2552

β Comae M 188, M 668, M 674, M 689, E 765, E 1242, E 2085, E 2091, M 2420, M 2436, M 2441 ‖ E 2561

Wesse B XIII 241 M 1903, M 2448, M 2454, M 2461, E 2558

BD-7.3631 M 370, E 414, E 774

β 612 E 415, M 666, M 675, M 690, E 780, M 1066, M 1118, M 1138, E 2092, E 2097, M 2421, M 2422, M 2442

8 Virg E 250, M 2449 Field Rejected

BD 68°724 M 1934

Lal 25372 M 67, M 205

Berlin Photom GC 4999 M 204, M 371

~~Bll 6641 M 1915, M 1926, M 2442~~

Σ 1785 M 1095, M 1926, M 1935, M 1941, M 1983, M 2002, E 2086, E 2087, M 2429, E 2559, E 2581, E 2582,

K 33 (Series K E 15) M 376, M 2455, M 2462

Off. +25°8067 M 1904, M 1913, M 1922, M 1971, E 2093, E 2098, M 2430, M 2437

B.D.C. 6711, E 2088, E 2094, E 2099, M 2492, M 2478, E 2562, E 2575, E 2587

XIV

Aoclinus E 1595 ‖ M 2468, E 2560, E 2568, E 1574

B.G.C. 6842 E 2101, M 2481, M 2443, M 2450, M 2473, M 2488, E 2569

Clyff 25° 42937 M 1942, M 1972, M 1984, E 2105, E 2109, E 2110, E 2116, M 2456, M 2489

BD 34.2541 M 372, M 677, M 691, M 709, M 222, M 1251, E 1514, E 1528

BD 36°2517 M 2017

BD +36°2525 M 1923, M 1951, M 1953, M 2003, E 2100

BGC 6999 M 1081, M 1927, M 2474

ξ Bootis 1921, M 2438, M 2463, M 2469

K34 M 377, E 424, M 1109, M 1128, E 2583, E 2604, E 2606

Fed 2544 M 394

XV

44 i Bootis M 1536, M 1541, E 1603, E 1605, M 1936, M 1973, M 1985, M 2004, M 2018, E 2563, E 2574, E 2576] Completed.

Clyff 44446 M 668, M 678, M 692, M 697, E 782, E 788, M 1098, M 1110, M 1129, E 1275, E 1279, M 1485, M 1507, M 1524, E 1600, E 1601, E 1609, E 2605, E 2611

μ² Bootis M 2479, M 2490

Alc 14318-22 M 693, M 710, M 719, M 723, M 1141, E 1274, E 1293, E 1294, M 1455, M 1502, M 1515, M 1532, M 1604, E 1606, E 2117, E 2126] Completed

Leiden 5456, M 2444, M 2458, M 2457, M 2470, E 2584

δ Serpentis M 1943, M 1986, M 1994, M 2005, E 2106, E 2115, E 2120, E 2127, E 2129, E 2135, M 2432, M 2439, M 2452] Completed

O Σ 298 M 2033, M 2491

Coronae E 215, E 254, M 1561, M 2019, M 2034, E 2607, E 2612, E 2629, E 2630, E 2655

K35 Series K (E 22, E 62) M 406, E 425, M 669, M 679, M 1952, M 1974, M 2006, E 2111, E 2121, E 2150] Completed.

W.B. 15h 1323 M 2464, M 2471, M 2476

Lal 29439 E 1614, M 1995, M 2007, M 2035, E 2122, M 2459, M 2465, M 2475, E 2645, E 2670

K Herculis M 1987, M 2020, M 2022, E 2128, E 2130, E 2144, E 2145, E 2154, E 2155, M 2480, M 2492, M 2509 Completed

W.B. 16h 400 M 2514, E 2634, E 2663, E 2683

K 36 M 407, E 426, E 433, M 695, E 821, M 1516, M 1543, M 2481, E 2625, E 1631

M 13. E 2585

Nessus I 16906 M 747, E 813, M 1182, E 1332, E 1333, M 1523, M 1527, E 1610, E 1615, M 1953, M 1975, M 2008, E 2131, E 2136 Completed E 2184

41 Herculis E 2163, M 2493, M 2510, M 2521, M 2528, E 2613, E 2621, E 2640, E 2646, E 2650, E 2651

58 Herculis M 1554, M 1559, M 1562, E 1619, E 1651, M 1988, M 2036, M 2053, M 2060, M 2067, E 2139, E 2146, E 2151, E 2156, Completed E 2157, E 2158

Completed

Lal. 31055 M 748, E 814, E 1318, M 2009, M 2021, M 2494, M 2501, M 2511, M 2515, E 2641, E 2647, E 2648, E 2671, E 2678

BD 31.3025 M 232, E 427

77 Herculis M 1553, M 1560, M 1562, E 2164, E 2664, E 2672

B.D.C. 8038 M 2037, E 2161, M 2512, M 2529

α Ophiuchi M 225, M 230, M 235, E 264, E 441, E 1620, E 1190, E 1213, E 1216 || M 2477, M 2516, M 2540

26 Draco M 227, M 234, M 401, M 732, M 749, M 879, M 1199, E 1326, M 1540, E 2652, E 2707, E 2708 take 2 more norm plates

Completed

Red * near 18.3424 E 858, E 862, M 1161, M 1175, M 1178, M 1183, M 1192, M 1196, E 1317, M 1577, E 1659, E 2166, E 2173, E 2178, E 2185

β Ophiuchi E 75, M 226, M 233, M 236, E 265, E 442, E 1256, M 2054, M 2071, E 2165, E 2167, E 2168, E 2172 || M 2547
old Series measured and reduced by Jowell

Oc. A. 1744/1576 M 716, M 750, E 820, M 1162, M 1170, M 1195, E 1630, E 1636, E 1641, E 1646, E 1649, M 2068, M 2074 Complete

K 37 M 2061, M 2501, M 2518, E 2684, E 2695, E 2715, E 2735

30 Draconis M 1565

86 Herculis E 1647

N.G.C. 6494 M 2530, M 2531, O 2614

67 Ophiuchi E 873

Barnard's P.M.* M-O 2584, M-O 2596, M-O 2597, E 2685, E 2699, E 2709, E 2710, E 2724, E 2725

Z Herculis E 76, M 237, E 466, E 845, E 1633, M 2055, M 2062, M 2069, M 2072, M 2078, M 2081, E 2169, E 2191, E 2199, E 2206, E 2214 Completed

BD +16.4706 E 457, M 2517, E 2665

~~70 Ophiuchi~~ 2533-2534

ζ Draconis E 1657, E 1665, M 2073, E 2197, E 2198, E 2220

N.G.C. 6611 2615°

RX Herculis E 273, M 417, M 421, E 1632, E 1637, E 1642, M 2070, M 2079, M 2080, M 2082, E 2159, E 2174, E 2179, E 2189] Completed

488 BGC 8679 M 399, M 411, E 479, M 738, E 852, E 874, E 1343, E 1347, M 1579, M 1585] Completed

40° 3374 2699 A

α Lyrae M 1208, E 1360, E 1372, E 1650 ‖ E 2726, E 2789 / M 2518, M 2532, M 2538, M 2541, E 2678, E 2686, E 2687, E 2696, E 2711

20° 3876 M 2542, M 2553

β Lyrae E 10, E 18, E 25, E 31, M 418, E 2192, E 2217 ‖ M 2539, M 2543, M 2554, E 2697, E 2712, E 2740, E 2781

K 38 M 752, M 1573, E 1643, E 2239, E 2242, M 2548, E 2716

Ring Neb. + E 1668 Rejected.

BD −0.3676 E 931, M 1551, E 2215, E 2243, E 2274

B.G.C. 9114 E 2726, E 2809

Cygni 6 E 1651, E 1666, E 2259, E 2269, M 2514

β Cygni E 2782 Completed

⌊ Sagittae 274°, E 480, E 492, E 570, E 770, M 882, E 893, M 1586, M 1596, E 1648, E 1658, M 2555, M 2565, E 2727, E 2769]

N.G.C. 6840 2616°

RR Lyrae E 1690, E 2221, E 2240, E 2246

Groombr. 2875, E 2280, E 2728, E 2776

α Aquilae E 1667, E 1669, E 1672, E 1677, E 1681, E 1691, M 2103 ‖ M 2599, E 2755, E 2789, E 2811

ζ Aquil E 26, E 32, E 37, E 110, E 124, M 2102

ζ Sagittae M 2556, E 2754, E 2797, E 2810

60 β Aquilae E 1710, E 1718, E 1726, E 1742, M 2090 ‖ E 2742, E 2798

γ Cygni E 2255, E 2260, E 2261

{ K 39 (Series K 13.5462) E 511, E 1384, M 1581, M 1589, E 1661, E 1676, M 2089, E 2095 San F. 1915
{ new Series. M 2571, δ.E M 2577, E 2717, E 2741, E 2770, E 2777

Dumb Bell Neb E 1652 Rejected.

XXII

(λ Cephei) BD 58 2402 E 985, E 986, E 996, M 1276, M 1288, E 1722, E 1730, E 1757, M 2147, M 2148, E 2277, M 2623, M 2635 Completed

B.D.C. 11542 2612 Many components.

ξ Cephei E 497, E 1744, E 1774, E 2282, M 2658

W.B. 22h 82 E 2318, E 2339, E 2358, E 2363, E 2369

θ Pegasi 275°, E 1685, E 1704+, E 2299+

Kruger 60 M 2149 (Spurious)

39 Pegasi E 1788, E 1805, E 1812, E 2265, M 2649−, M 2653, M 2666, E 2803, E 2813

δ Cephei E 1394, E 1399, E 1432, E 2283

N.G.C. 7281 2657°

BD 53.2911 E 957, E 962, E 985, M 1265, M 1266, E 1414, E 1448, M 1612, E 1695, E 1716+, E 1738, M 2624, M 2628, M 2635, M 2636 Completed

Kli 62.56 E 2278, E 2293, E 2333, E 2340

ξ Aquarii E 1813, E 1819, M 2673+

K 42 (Series K. M 32.48 M) E 330, E 340, E 342, E 344, E 352, 452°, 461°, 477°, 483°, E 552, M 2633, M 2643, M 2659]

Σ 2944 E 1731, E 1739, E 1758

Lal 44789 E 2319, E 2357, E 2370, E 2[illegible]

OΣ 536 E 1724, E 1778, E 1860

BD +13°5006 E 1789, E 1809, E 1833, E 1846, M 2162

2 Androm E 4, E 5, E 7, E 9, E 33, E 40, E 108, E 155, M 276, E 307, E 315, E 321, E 340, E 348, M 447+, E 579, E 582, M 2607, M 2638, M 2654, M 2667]

Lal 45028 E 2284, E 2334, E 2341] Field not suitable

β Pegasi E 1714+, E 1723, E 1745, E 1770, E 2284 ‖ M 2661, M 2674, M 2679, E 2804

XXIII

α Pegasi E 1790, E 1849, M 2688 ‖ M 2691+

β 182 E 1834

β 80 E 1430+, E 1433+, M 1627+, M 1630−, M 1638, E 1835, E 1870, E 2320+, E 2371+, M 2644, M 2660, M 2668, M 2680

BGC 12290 Star A near B.G.C. 12290 M 2669

γ Piscium E 41, E 47, E 51, E 127, 168°+, E 1680

N.G.C. 7654 E 2330, E 2364+, M 2676

BGC 12274 E 1753+, M 2170+

BGC 12404 E 2279, E 2352

−8°6177 E 1864, E 1876+, E 1884+, E 2365

λ Psc 168°1+

2 Piscium M 70, E 331

K 43 485°, E 549, E 538, E 607, E 1045, M 1515, E 1445, E 1455, M 2692, M 2700, M 2703

BGC 12608 E 1725, E 1791, E 1814, E 1825, E 2307

N.G.C 7788 & 90 2762°

Lam 32805 E 1732, E 1740, E 1746, E 1776, M 2171, M 2176, M 2181, E 2335, E 2342, E 2353, M 2662, M 2675, M 2681, M 2683

N.G.C. 7795 2788°

85 Peg. 2423

22

π	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2801	λ Cephei	21 16 / 62 10	30 Sept	8 31	4R	6	E 0:03	W	2	2	3	Steele Lee					f.	
				8 38	5R	6	W 0:06		3									
2802	Companion to κ Pegasi	21 41 / 25 14	"	8 55	5R	8	E 0:06					St Lee					f.	
				9 04	6R	8	W 0:04											
2803	33 Pegasi	22 19 / 20 21	"	9 21	3L	10	E 0:17					St. Lee					g.	
				9 31	4L	10	E 0:05											
2804	β Pegasi	22 59 / 27 32	"	9 47	7R	8	E 0:28					St Lee					g	
				9 56	8R	8	E 0:19											
2805	K 23	3 39 / 45 4	"	14 27	5L	40	E 0:30		3	2	3	St Lee	Clear	8.6	171.0		g.	
				15 7			W 0:10		2									
2806	K 24	4 39 / 44 55	"	15 19	11L	50	E 0:37					St. Lee					f.	
				16 9			W 0:13		2									
2807	α Aurigae	5 9 / 45 54	"	16 26	7R	8	E 0:02					St Lee					f.	
				16 35	8R	8	W 0:07											
2808	33 δ Aurigae	5 52 / 54 16	"	16 54	3R	10	E 0:15		1			St Lee					f.	
				17 05	4R	10	E 0:03											
2809	BGC 9114	19 8 / 38 37	2 Oct	6 11	1L	5	E 0:07		3+3			La		17.6	172.9		g.	
				6 17	2L	5	W 0:01											
2810	ξ Sagittae	19 45 / 18 53	"	6 24	3L	4	E 0:23					La					g.	
				6 29	4L	3	E 0:18											
2811	α Aquilae	19 46 / 8 38	"	6 52	8R	5	E 0:04					Lee					g.	
				6 58	9R	5	W 0:02											

H.	Star.	R. A. Decl.	Date. 1916	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope.	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
2812	B.D. +20 289	20 27 −10 12	2 Oct	7 17 23	10 L 11 L	5 5	E 0:20 E 0,13	W				St Lee	Passing Clouds.				g	
2813	33 Pegasi	22 18 20 21	"	8 18 9 30	3 L 4 L	10± 10±	E 0.15 0 00					Sull Lee					g	
2814	N.G.C. 1039	2 37 42 30	"	13 08 13 20	6 R 7 R	10 10	E 0:39 E 0:24					Sull St					g.	
2815	K S 16	3 25 43 56	"	13 40 14 to 45	5 R	60	E 0:53 W 0:12					Sull St	Clouds.				g.	
2816	T T Aurigae	5 2 39 28	"	15 56 16 06	10 R 11 R	15 8	E 0:15 E 0,06					Sull St					g.	
2817	α Orionis	5 50 7 23	"	16 39 16 48	11 L 11.5 L	7 7	E 0:20 E 0:10					Sull St		12.5	172.1		f	
2818	B.D. 19° 1185	5 57 19 23	"	17 04 17 13	8 R 9 R	8 8	E 0:04 W 0:06					Sull St					f.	
2819	Pleiades Center	3 41 20 45	5 Oct.	14 58 15 15	0.2 R 1.2 R	20 10	W 0:19 W 0:36		2	2	3	Sull Lee	Clear.	14.0	172.3		Experiment	Iso mag. 36" Auroral activity.
2820	T T Aurigae	5 3 39 28	"	15 40 15 50	10 R 11 R	8 8	E 0:21 E 0:10					Sull Lee					f.	
2821	β Tauri	5 20 28 31	"	16 16 16 26	2 R 3 R	8 8	E 0:02 W 0:10					Sull Lee					f.	
2822	δ Aurigae	5 52 54 16	"	16 46 16 58	3 R 4 R	10 10	E 0:02 W 0:10					Sull Lee					f.	

22 T.	Star.	R. A. Decl.	Date. 1911	C.S.T.	Guid Star	Exposure Time	Hour Angle.	Position of Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
			1916															
~~2823~~	γ Gemin.	6 32 16 29	5 Oct	17 18 17 25	5L 6L	6 6	E 0:11 E 0:04	W	2+	2	3	Sull Lee						
2823	β Cygni	19 27 27 46	6 oct	6 13 6 20	9L 10L	8 6	E 0:01		3	2	3	Lee	V Clear	17.4	172.9		g.	Sect 10
2824	β Aquilae	19 50 6 9	"	6 36 6 41	7L 8L	5 6	E 0:08 E 0:03					Lee					g	
2825	ζ Cygni	20 38 44 55	"	6 58 7 05	7R 8R	6 6	E 0:34 E 0:27					Steele Lee					g	
2826	W.B. 20^h 1457	20 59 +2 36	"	7 28 7 41	4L 5L	10 10	E 0:30 E 0:15					Steele Lee					v. p.	
2827	α Cephei	21 16 62 10	"	8 03 8 10	4R 5R	6 6	E 0:13 0:00					Sull St					f.	
2828	κ Pegasi	21 40 25 14	"	8 28 8 38	5R 6R	8 8	E 0:20 W 0:01					Sull St					g.	
2829	Kruger 60	22 25 57 20	"	9 16 9 31	11R 11.5R	15 15	E 0:12 W 0:10		2			Sull St					f.	
2830	2 Andr	22 58 42 16	"	9 54 10 03	5R 6R	6 6	W 0:03 W 0:01					Sull St					1 good exp.	
2831	B.D.C. 2007	3 58 39 17	"	14 20 14 32	1R 2R	12 12	E 0:29 E 0:17	3	3	2		Sull Lee		14.6	172.5		g.	
2832	0^2 Eridani	4 11 −7 48	"	14 57 15 15	14L 17L	15 15	E 0:05 W 0:12					Sull Lee					p.	

22 Π.

	Star.	R. A. Decl.	Date. 1916	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observers.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
2833	TT Aurigae	5 3 39 28	6 Oct.	15 35 15 42	10 R 11 R	6 6	E 0:21 E 0:15					Sull Lee					1 g.	exp. 1st exp. v. elongated.
2834	μ Aurigae	5 7 38 23	"	15 55 16 04	8 L 9 L	8 8	E 0:06 W 0:04					Sull Lee.					1 g	1st exp. elongated.
2835	ε Orionis	5 31 -1 16	"	16 24 16 31	6 L 7 L	6 6	W 0:01 W 0:08					Sull Lee					1 g	1st exp. "
2836	R Monoc.	6 34 8 49	"	16 56 17 11	10 L 11 L	15 15	E 0:31 E 0:17					Sull Lee					g	Trail & Dec. 6h 40m +13° 0'
2837	β Cygni	19 27 27 46	9 Oct.	6 08 6 15	9 L 10 L	6 7	W 0:07 W 0:08		3	2		Lee	Clear	10.4	171.7	"	g	
2838	BD. 26° 3867	20 16 27 0	"	6 36 6 46	3 R 4 R	8 8	E 0:18 E 0:08					Lee					f	π off to one side of plate
2839	α Cygni	20 38 44 55	"	7 01 7 10	7 R 8 R	8 8	E 0:18 E 0:09					St Lee					g.	
2840	W. B 20° 1454	20 59 2 36	"	7 30 7 42	6 L 7 L	10 10	E 0:11 W 0:01					St Sull					g.	"
2841	α Cephei	21 16 62 10	"	8 10 8 16	4 R 5 R	6 6	W 0:13 W 0:19					Sull Lee					g.	
2842	Kruger 60	22 25 57 20	"	8 40 8 45	11 R 12 R	5 5	E 0:24 E 0:20					Sull Lee					g.	
2843	β Pegasi	22 59 27 32	"	9 10 9 21	7 R 8 R	10 10	E 0:30 E 0:20	2-32	4			Sull Lee					g.	

	Star.	R. A. Decl.	Date. 1911	C. S. T.	Guid Star	Exposure Time	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2844	α Pegasi	23h 0 14 40	9 Oct.	9 40 9 49	7L 6L	8s 8s	E 0:02 W 0:09					Sull Lee					g	Same plate as 2843
2845	N.G.C. 7795	23 55 59 55	"	10h07 to 10 37	3R	30	E 0:29 W 0:01					Sull Lee					g	Spot Plate-Glass Plate.
2846	N.G.C. 110	0 23 71 0	"	10h59 to 11 29		30	E 0:03 to					Sull Lee					g	
2847	N.G.C. 884	2 17 56 45	"	11 38 12 38		60	E 1:18 E 0:18					Sull Lee					g	Fw. 15η Per. 3.1 2h43m 56°29'
2848	KS 16	3 25 43 56	"	13 05 14 05	5R	60	E 1:00 0:00	3	3	3		Sull St		5.9	171		g	
2849	B.D. 22°583	3 45 22 25	"	14 24 14 51 18 05	7R 8R 9R	24 12 12	E 0:04 W 0:22 W 0:36	2				Sull St					N. G.	First 2 exp. superimposed.
2850	TT Aurigae	5 3 39 28	"	15 34 15 44	10R 11R	8 8	E 0:11 E 0:02					Sull St					g	
2851	β Tauri	5 20 28 31	"	16 06 16 16	2R 3R	8 8	W 0:03 W 0:13	2-1				Sull St					g	Same plate as 2850.
2852	BD 26°1067	6 0 26 34	"	16 40 16 46	8R 9R	5 5	E 0:03 W 0:04					Sull St					f.	guiding star very faint
2853	8 Gem.	6 32 16 29	"	17 03 17 11	5L 6L	6 6	E 0:11 E 0:04					Sull St					1 g	Exp. on Π. Other is under 1/5 of sec.

π	Star	R. A. / Decl.	Date.	C.S.T.	Guid Star	Exposure Time	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
			1916															
2854	ε Equulei	20 54 / 3 55	Oct 14.	h 5 53 / 7 03	9L / 10L	8 / 8	E 0.24 / E 0.14	W	3	2	2	St Lee	thick	13.0	172.2		1 g.	2nd exp under see. bracket.
2855	W.B. 20h 1454	20 59 / 2 36	"	7 19 / 7 31	6L / 7L	10 / 10	E 0.04 / W 0.09					St Lee					N.G.	π under see. apis.
2856	26°4237	21 37 / 26 22	"	7 54 / 8 03	8L / 9L	8 / 8	E 0.08 / W 0.04					Sull Lee					g	
2857	28°4391	22 28 / 28 38	"	8 21 / 8 31	10R / 11R	8 / 8	E 0.32 / E 0.21		4	3		Sull Lee					g.	
2858	Munich I 31343	12 34 / 2° 0	"	8 49 / 8 59	3L / 4L	8 / 8	E 0.09 / W 0.01					Sull Lee					g.	
2859	3 Pegasi	22 59 / 27 32	"	9 16 / 9 25	7R / 8R	8 / 8	E 0.06 / W 0.07		3	2	0	Sull Lee	Clouds				p.	
2860	α Aquilae	19 46 / 8 38	Oct. 17	5 44 / 5 51	8R / 9R	6 / 8	E 0.05		2	2	3	Lee	Clear	6.8	171.0		p.	
2861	26°3867	20 16 / 27 0	"	6 16 / 6 25	3R / 4R	8 / 8	E 0.09 / W 0.00					Lee					g	2c pen 100° ⊙ 3.4R
2862	20 1454	20 59 / 2 36	"	6 49 / 7 07	8R / 9R	10 / 10	E 0.20 / E 0.09					Lee St					f.	
2863	21°4237	21 37 / 26 22	"	7 44 / 7 53	8L / 9L	8 / 8	E 0.03 / W 0.05					Sull St					f.	
2864	Kruger 60	22 25 / 57 20	"	8 11 / 8 18	11R / 11.5R	5 / 5	E 0.25 / E 0.17					Sull St					f.	

No.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope Definite Steadiness Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916												
2865	28°4391	22 28 28 38	Oct 17	8 39 8 49	10R 11R	8 8	0:00 W0:09	W	Sull St					N. G.	Wrong guiding star.
2866	N.G.C. 7654	23 20 61 3	"	9 02 9 52	2R	50	E0:30 W0:20		Sull St					g.	
2867	N.G.C. 457	1 14 57 54	"	10 10 11 10	9R	60	E1:15 E0:15		Sull St					g.	
2868	N.G.C. 1039	2 37 42 30	"	11 50 12 06	6R 7R	19 10	E0:56 E0:40		Sull St					g.	Displ in R.A. due to different guiding star.
2869	KS 15	3 33 52 33	"	12 25 13 25	5R	60	E1:16 E0:16		Sull St					g.	
2870	Pleiades Centre	3 40 23 45	"	14 01 14 17	2R 1R	15 15	W0:13 W0:27	2-3 2 3	Sull Lee					g	Iso-magn. 36"
2871	τ Tauri	4 30 16 19	"	14 39 14 46	7L 8L	5 5	E0:07 W0:06		Sull Lee					N. G.	40" necessary guiding star lost
2872	TT Aurigae	5 3 39 28	"	15 02 15 12	10R 11R	8 8	E0:11 0:00		Sull Lee					gl.	
2873	ε Orionis	5 31 -1 16	"	15 33 15 42	6L 7L	8 8	E0:07 W0:03		Sull Lee		+3.9			g.	
2874	δ Aurigae	5 52 54 17	"	15 59 16 11	3R 4R	10 10	0:00 W0:09		Sull Lee					f.	Experiment Rejected.
~~2875~~	Sirius	6 41 -16 35	"	16 49 17 11	4R 2L	5 6	W0:06 W0:23		Sull Lee						Stop slip on stop with lens cover 2nd — with other guiding star
~~2876~~	β Geminorum	7 39 28 16	"	17 28 17 35	4R 3R	5 5	E0:20 E0:14		Sull Lee					Rejected.	

II.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
2875	β883	4 46 10 55	Oct. 25	14:20 14:44	0 L 1 L	12 12	W0:06 W0:30	W	3	2	3	Sull St		+1.9	170.4		g.	All three screws which fasten the base of the double slides to the
2876	β Tauri	5 20 28 31	"	15:11 15:24	2 R 3 R	8 8	W0:14 W0:28					Sull St					g.	uprights from the photographic
2877	Oxf 25° 21321	6 11 25 14	"	15:41 15:48	8 L 9 L	7 7	E0:05 0:00					Sull St					g.	tail piece were found slightly loose. After
2878	97 Monoc.	6 46 -0 26	"	16:17 16:27	3 L 4 L	8 8	E0:06 W0:02		2	3	2	Sull St					g	tightening, the tilt of the plate with the new
2879	α Gem.	7 29 32 4	"	16:53 17:03	9 L 10 L	8 8	E0:13 E0:01					Sull St					19 ow II	3 x 6 magn. plate holder was found to put the
2880	Procyon	7 34 5 29	"	17:22 17:37	7 R 8 R	4 4	W0:10 W0:15					Sull St					f	optical axis 23 mm East and 38 mm South
2881	α Gem	7 28 32 4	29 Oct.	16 31 1	9 L 10 L	8 8	E0:24 E0:16		3	3	3	Sull Lee	Fairly Clear	7.5	171.3		g	of the plate center.
2882	W 2 F1029	7 39 38 47	"	17 00 17 11	8 R 10 R	10 10	0:00 W 0:10					Sull Lee					g.	Oct. 24. 1916.
2883	Field 1384	8 47 71 9	"	17 31 17 42	4 L 3 L	10 10	E 0:35 E 0:25					Sull Lee					g.	
2884	ε Equulei	20 54 3 55	1 Nov.	5 33 5 42	8 L 7 L	8 8	E 0:31 E0:24		3	2	3	Stole Lee	Clear	12.2	172.1		g.	
2885	W. B 20° 1454	20 59 2 36	"	5 56 6 05	8 R 9 R	8 8	E 0:44 E 0:5					Stole Lee					g.	

π	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. of	Definit	Steadi	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2886	ζ Cephei	21 16 62 10	1 Nov.	6 24 6 31	4R 5R	6 6	E 0:02 W 0:08		3	3	3	Steele Lee				g.		
2887	26°4237	21 37 26 22	"	6 45 6 52	8L 9L	6 6	E 0:03 W 0:04					St Lee				g.		
2888	28.4391	22 28 28 38	"	7 10 7 17	10R 11R	6 6	E 0:27 E 0:20					St Lee				g.		← guiding Star
2889	Mun I. 31343	22 34 2 0	"	7 32 7 40	3L 4L	6 6	E 0:12 E 0:03					Sull				g		
2890	β Pegasi	22 59 27 32	"	8 12 8 33	7R 8R	10 8	W 0:04 W 0:14					Sull Lee				g.		
2891	B.D.−5°3	0 3 −5 21	"	8 45 8 56	7R 8R	10 10	E 0:26 E 0:18					Sull Lee				N.G.	No comp. stars in N.W. Corner.	
2892	N.G.C. 129	0 26 59 47	"	9 to 4 4 57	11R	43	E 0:21 W 0:22					Sull Lee				g		
~~2893~~	α Orionis	5 50 7 23	"	14 20 14 29	11L 11L	7 7	E 0:40 E 0:34		2	3	3	Sull St	Clear	8.5	171.3	N.G.	No π images.	
~~2894~~	B.D. 19.1185	5 57 19 23	"	14 49 14 58	8R 9R	8 8	E 0:19 E 0:11					Sull St				N.G.	Wrong field	
2895	Anon	6 21 19 7	"	15 24 15 35	1L 2L	10 18	E 0:11 0:00		3			Sull St.				g.		
2896	γ Gem	6 32 16 29	"	15 53 15 57	5L 6L	5 5	W 0:08 W 0:12					Sull St				g.		

22 h.

	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2897	ζ Gem	7 29 32 4	1 Nov.	16 16 16 23	9L 10L	6 6	E0:25 E0:17					Sull St.				g.		
2898	Procyon	7 34 5 29	"	16 39 16 44	7R 8R	4 4	E0:08 E0:03					Sull St				f.		
2899	ξ Cancri	8 6 17 57	"	17 01 17 09	10R 11R	6 6	E0:24 E0:11					Sull St				g		
2900	B.D. 67°552	8 28 67 35	"	17 31 17 47	7R 8R	15 15	E0:10 W0:06					Sull St				g.		
~~2901~~	B.D. 21°07	21 7 +17 21	3 Nov.	5 30 5 42	10R 11R	10 10	E0:40 E0:28		2	2	2	St Lee	Clouds all around horizon	10	171.7		g	Misty field.
2902	71 g Cygni	21 26 46 6	"	5 59 6 04	0R 1R	4 4	E0:30 E0:25					St Lee				g.		
2903	26°4237	21 37 +26 22	"	6 18 6 29	8L 9L	8 10	E0:24 E0:14					St Lee				g.		
2904	N.G.C. 7281	22 22 57 25	"	6 47 7 17	5R	30	E0:09 E0:39					Lee	Clouded over			p.	Weak.	
2905	ε Orionis	5 31 −1 16	"	14 19 14 28	6L 7L	8 8	E0:15 E0:06					Sull Lee	Hazy	10.3	171.7	g.		
2906	α Orionis	5 50 7 23	"	14 47 14 54	9L 10L	7 7	E0:06 W0:02		2	2	2	Sull Lee				g		
2907	γ Gem	6 32 16 29	"	15 12 15 19	6L 7L	6 6	E0:22 E0:16					Sull Lee				g.		

22

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2908	R Monoc	6 34 8 49	3 Nov.	15 40 15 55	10L 11L	15 15	W 0:02 W 0:18	W				Sull Lee					g.	
2909	α Gem.	7 29 32 4	"	16 15 16 24	9L 10L	8 8	E 0:16 E 0:07					Sull Lee					v.g.	
2910	B.D. 20°1940	7 49 +20 39	"	16 45 16 54	1L 2L	8 8	E 0:09 W 0:03		3			Sull Lee					g	
2911	ζ Cancri	8 6 17 57	"	17 10 17 19	10R 11R	8 8	0:00 W 0:10					Sull Lee					g.	
2912	Fed 1384	8 47 71 9	"	17 41 17 52	4L 3L	10 10	E 0:07 W 0:05					Sull Lee					f.	
2913	55 Cygni	20 46 45 45	5 Nov.	5 22 5 32 5 41	0L 1L 2L	8 8 8	E 0:19 E 0:10 E 0:01		3-	2	2-	St Lee	Hazy	10.0	171.5		g	
2914	W.B. 21h 07	21 7 17 21	"	5 58 6 09	9R 10R	10 10	E 0:05 W 0:05					St Lee					g.	
2915	26° 4237	21 37 26 22	"	6 28 6 37	8L 9L	8 8	E 0:05 W 0:04					St Lee					g.	
2916	Munich I 31343	22 34 +2 0	"	6 58 7 06	3L 4L	8 8	E 0:31 E 0:22					St Lee					N.G.	~~Pos. of Rise 22h 54m +0° 26'~~
2917	α Pegasi	22 60 14 40	"	7 26 7 37	11L 11L	8 8	E 0:29 E 0:20					St Sull Lee					f.	
2918	B.G.C. 12290	23 14 4 54	"	7 58	0L 1L	12 12	E 0:12					Sull Lee					g.	

22 H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observers.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
			1916															
29	2919 NGC 7795	23 55 59 35	5 Nov.	8 31 9 11	3 R		40 E 0:21 W 0:19		3		0	Sull Lee	Very Thick				g.	
29	2920 24° 4411	21 25 25 5	9 Nov.	6 09 6 19	5 L 6 L		10 W 0:05 W 0:15		2+2		2	Lee		10.0	171.5		g.	
29	2921 Mum I 31343	22 34 2 0	"	6 43 6 56	3 L 4 L		8 E 0:31 E 0:18					St Lee					g	
2	2922 50 ρ Pegasi	22 50 8 17	"	7 32 7 42	8 R 9 R		8 W 0:04 W 0:10					Sull St					g.	
29	2923 B.D.-5° 3	0 3 -5 21	"	8 37 8 59	7 R 8 R		20 E 0:06 W 0:15					Sull St					p.	
29	2924 ω Andromedae	1 21 44 53	"	9 24 2 33	6 L 7 L		8 E 0:36 E 0:27					Sull St					g.	
29	2925 66 Cygni	21 14 34 29	15 Nov.	5 14 5 24	6 R 7 R		8 E 0:17 E 0:06		2-3		2 3	St Lee		-6	169		g.	
29	2926 K 41	21 50 45 2	"	5 37 6 17	6 R		40 E 0.30 W 0:10					St Lee					g.	In.
2	2927 K 43	23 50 44 54	"	7 05 7 40	9 R		35 E 1:02 E 0:27					St Lee					g	
2	2928 Cmdr. Neb.	0 37 40 17	"	8 25 8 55	3 L		30 E 0:26 W 0:04					Sull St					g.	Wrong guiding star.
2	2929 K 21	1 [illegible] 45 7	"	9 15 10 07	1 L		40 E 0:38					Sull St	Clouds				g	

T.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope.	Definition	Steadiness	Transparency	Observers.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916									Stull						
2 2930	R Monoc.	6 34 8 49	17 Nov.	14 31 14 44	10 L 11 L	10 10	E 0:10 W 0:07	W				Lee	Clear	-2.8	169.4		g.	
2 2931	ε Gem	7 29 32 4	"	15 07 15 10	9 L 10 L	8 8	E 0:36 E 0:25		3	2	3	Stull Lee					g.	
2 2932	Procyon	7 34 +5 29	"	15 42 15 47	9 R 10 R	4 4	E 0:01 W 0:05					Stull Lee					g.	
2 2933	B.D. +20 1940	7 49 20 39	"	16 02 16 11	1 L 2 L	8 8	W 0:05 W 0:14					Stull Lee					f.	
2 2934	Fed 1384	8 47 71 9	"	16 30 16 43	3 L 4 L	10 10	E 0:24 E 0:10					Stull Lee					g.	Trail.
2 ~~2935~~	Lal 18672	9 25 6 5	"	17 23 17 36	6 L 4 L	12 10	E 0:10 W 0:02					Stull Lee					N.G.	Rejected. Faulty plate which broke in handling.
2 2935	17 Sextantis	9 48 2 52	"	17 52 18 00	2 L 3 L	8 8	E 0:03 W 0:05					Stull Lee					1 g.	
2 2936	66 V Cygni	21 14 34 29	19 Nov.	4 59 5 08	6 R 7 R	8 8	E 0:16 E 0:01		4	3	3	Stull Lee	~~Clear~~ Clear	+5	170.7		f.	Elongated by sector.
2 2937	K 41	21 50 45 2	"	5 to 21 5 51	7 R	30	E 0:30 0 00					St Lee					f.	
2 2938	α Aquarii	22 1 0 48	"	6 13 6 25	6 R 7 R	10 10	W 0:10 W 0:21					St Lee					N.G.	Field is unsuitable.
2 2939	α Pegasi	22 60 14 40	"	6 54 7 00	11 L 11.4 L	6 6	E 0:06 0 00					Lee					g.	

Π.	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Positio Telesco	Definit	Stead	Transpar	Observers.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916									St Lee Sull						
2940	K43	23 50 44 53	19 Nov.	7 to 12 7 42	9R	30	E 0:38 E 0:08										f.	
2941	13 Ceti	0 31 -4 5	"	8:07 8:17	4L 5L	15 15	E 0:30 E 0:15					Sull Lee					g.	
2942	Ann P.M.	0 47 57 50	"	8 39 8 46	1R 2R	6 6	E 0:08 0:00					Sull Lee					g.	
2943	N.G.C. 869	2 14 56 50	"	9 31 10 31	5L	60	E 0:43 to W 0:17					Sull Lee					g.	Spot Plate. Looking W. Horse Shoe in center. ∴ Telescope
2944	N.G.C. 1444	3 44 52 25	"	10 to 49 11 19	1R	30	E 1:00 to E 0:30					Sull Lee					f.	
2945	N.G.C. 1528	4 9 51 3	"	11 to 28 12 to 24	11L	56	E 0:40 W 0:16					Sull Lee					g.	
2946	N.G.C. 1912	5 23 35 46	"	12:35 to 13 35	11R	60	E 0:47 W 0:13					Sull Lee St					p.	Poor Guiding.
2947	N.G.C. 2232 ~~2250~~	6:2430 -5 0	"	13 to 59 14 49	1R	50	E 0:25 W 0:25	3	3	3		Sull St.					f.	
2948	Sirius	6 41 -16 35	"	15 15 15 17	2R 3R	5 5	W 0:30 W 0:35					Sull St					g	
2949	β Gem.	7 39 28 16	"	15 44 15 54	1R 2R	8 8	W 0:03 W 0:14					Sull St.					1g 1p	
2950	ξ Cancri	8 6 17 57	"	16 14 16 24	10R 11R	8 8	W 0:06 W 0:15					Sull St					g	

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
2951	9 Ursa Maj	8 53 48 22	19 Nov	16 50	2L 2L	15 15	E 0:05	W				Sull St.	Clouds.				1 f Expl.	
2952	ω Andr.	1 22 44 53	24 Nov	8:29 8:48	6L 7L	8 8	E0:34 E0:23		1	1-2		Sull St		-5	169.2		g	
2953	Sirius	6 41 -16 35	" "	14 25 14 34	2R 3R	6 6	W 0:04 W 0:14		3	2	4	Sull Lee	Clear.	-6.7	169.0		1g. 1f.	
2954	Procyon	7 34 5 29	"	14 52 14 57	7R 8R	4 4	E 0:23 E 0:17		2			Sull Lee					g	
2955	β Gem	7 39 28 16	"	15 12 15 21	1R 2R	8 8	E 0:07 W 0:04		3			Sull Lee					f.	
2956	Praesepe	8 34 20 18	"	15 50 16 50	6L	60	E 0:25 W 0,35					Sull Lee					g.	Spot Plate.
2957	7 Sextantis	9 47 2 52	"	17 07 17 17	2L 3L	8 8	E 0:20 E 0:10					Sull Lee					g.	
2958	BV 1447	10 21 -6 36	"	17 36 17 48	1R 2R	10 10	E 0:24 E 0:10					Sull Lee					p.	Comp. stars to left on N. Side.
2959	37 Leo Min	10 33 32 30	"	18 08	8R 9R	8 8	E 0:04		3	2	4	Sull Lee		-7.0			g.	
2960	α Coma	0 35 55 59	26 Nov	7 37 8 07 8 46	9L 10L	12 12	E 0 26 W 0 07		2	3	1/2	Sull St	Clouds	2.4	170.5		N. Co.	II Images missing
2961	ω Andr	1 21 44 53	"	8 45 8 57	6L 7L	8 8	E 0 10 W 0 03		1			Sull St					f.	Comp. stars too ft.

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star	Exposure Time.	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2962	N.G.C.1647	4 41 +18 56	26 Nov	11 45 11 57 12 13	8 L 9 L 10 L	10 10 20	E 0.27 E 0.16 0:00	W	2	2	2	Sull Lee					g	
2963	N.G.C.2168	6 4 24 21	"	12 34 13 34	6 L	60	E 1.01 E 0.01		1 3			Sull Lee					g.	
2964	N.G.C.2284	6 44 41 9	"	13 46 14 27	2 R	41	E 0:28 W 0:13					Sull Lee		+2.4			f.	
2965	Procyon	7 34 5 29	"	14 39 14 45	10 R 11 R		E 0:27 E 0:21					Sull Lee					1 g.	
2966	β Gemin	7 39 28 16	"	15 00 15 12	1 R 2 R	10 10	E 0:10 W 0:01					Sull St Lee					1 f.	
2967	N.G.C.2682	8 47 12 8	"	15 49 17 05	11 R	60	E 0:30 W 1:45					Sull St	Clouds				f	Only bright Stars.
2968	α Cass	0 35 55 69	28 Nov.	7 27 7 42	9 L 10 L	12 12	E 0:32 E 0:18					St Sull Lee	Very thick	6.3	17 1.0		f.	Trail α Cass
2969	8 Π² Cygni	21 43 48 51	30 Nov.	5 03 5 09	7 L 8 L	6 6	W 0:02 W 0:05	3	3	3		St Lee	Clear	+3.2	170.6		f.	
2970	η Aquarii	22 32 -0 38	"	5 29 5 39	8 R 9 R	8 8	E 0:20 E 0:09					St Lee					g.	
2971	50 ρ Pegasi	22 50 8 17	"	5 54 6 03	8 R 9 R	8 8	E 0:15 E 0:06					St Lee					g	
2972	B.G.C. 12290	23 14 4 56	"	6 19 6 30	0 L 1 L	10 10	E 0:12 E 0:01					Lee St					g.	

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star	Exposure time	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2973	γ Pegasi	0 8 14 38	Nov. 30	6 58 7 09	8 R 9 R	10 10	E 0:28 E 0:17	W	2	2		St Lee					f.	
2974	K 20	0 41 45 24	"	7 to 23 7 56	3 L	40 33	E 0:35 E 0:02					St Sull Lee	Clouds				f.	
2975	−11°2289	8 10 −11 38	Dec. 4	15 19 15 31	4 L 5 L	8 8	W 0:08 W 0:20		2	2	2	Sull Lee	Mst Sky	+6.6	171.0		g	
2976	−11 2305	8 43 −11 38	" "	15 46 15 54	9 L 10 L	6 6	W 0:33 W 0:40					Sull Lee	Hgh Wind				g.	
2977	Lal 18672	9 25 +6 5	"	16 11 16 25	3 L 4 L	12 12	E 0:14 E 0:01					Sull Lee					g.	
2978	7 Sextantis	9 48 2 52	"	16 47 16 56	2 L 1 L	8 8	E 0:02 W 0:08					Sull Lee					g.	
2979	Br 1447	10 21 −6 36	"	17 18 17 35	1 R 2 R	15 15	E 0:04 W 0:14					Sull Lee					f.	
2980	ε Ursæ Maj.	11 14 31 57	"	18 00 18 11	9 R 10 R	10 10	E 0:12 E 0:04					Sull Lee		+4.2			p.	Too few comparison stars.
2981	Procyon	7 34 5 29	5 Dec.	14 17 14 23	7 R 8 R	4 4	E 0:15 E 0:09		2	3	2	Sull St		2	170.4		v.p.	
~~2982~~	ε Hydrae	8 42 6 47	"	15 9 15 19	7 R 8 R	8 8	E 0:29 E 0:20					Sull St					Rejected	
2983	37 Leo. Min	10 33 32 30	"	16 44 16 54	8 R 9	8 8	E 0:47 E 0:37			2		Sull St					p.	

No.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive / Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
2983	✓ ✓ α Pegasi	22 60 / 14 40	17 Dec.	5 07 / 5 17	11 L / 11.4 L	8 / 8	E 0.04 / W 0:06	W	3	3	3	Steele / Lee	Clear	−11.4	168.0		g	
2984	✓ ✓ B.G.C 12290	23 14 / 4 56	" "	5 36 / 5 48	0 L / 1 L	10 / 10	W 0:12 / W 0:24					Steele / Lee					g. / g.	
2985	✓ ✓ 0 E 547	0 0 / 45 16	" "	6 10 / 6 18	2 L / 3 L	6 / 7	0 0 0					Steele / Lee.					g	
2986	✓ ✓ w And	1 21 / 44 53	"	7:04 / 7:14	6 L / 7 L	8 / 8	E 0:21 / E 0:11					Steele / Lee					Rejected.	
2987	✓ N.G.C 869	2 14 / 56 48	"	7 28 / 8 29	6 L	61	E 0:55 / W 0:06		3			Stull / Lee					g.	
2988	✓ Pleiades Prec	3 40 / 24	"	9 18 / 10 10	5 R / 6 R	40 / 40	E 0:32 / W 0:20		1-3			Stull / Lee					g	Spot plates.
2989	✓ N.G.C. 1912	5 23 / 05 46	"	10 49 / 11 to 49		60	E 0:44 / W 0:16					Stull / Lee					g	
2990	✓ N.G.C. 2281	6 44 / 41 9	"	12 00 / 12 13		10	E 0:50 / E 0:37					Stull / Lee					g.	
2991	✓ ✓ N.G.C. 2301	6 48 / 0 33	"	12:30 to / 1 30	11 L	60	E 0:27 / W 0:33					Stull St / Lee					g.	
	~~2992~~ Lal 1527	7 47 / 30 55		1 56	11 / 11 R	9 / 9	E 0:02		1			Stull / St					Re	

16 167.3

22

N.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposur Time.	Hour Angle.	Positic Telesc. op.	Definit	Steadi	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916															
✓	~~Polar~~	8 10		13 47	4L	10	E 0.25	W	2	1	2	Sull						
2992	-11 2289	-11 38	Dec. 19	13 58	5L	10	E 0.15					Lee	Clear	-14.8	167.5		f.	
		8 13		14 15	9L	8	E 0.07					Sull						
~~2993~~	-11° 2305	-11 28	" "	14 22	10L	8	W 0.08				2	Lee	Clouded over.				Rejected.	
		10 21		16 13	1R	15	E 0.10					Sull						
2993	Br. 1447	-6 36	" "		2R	15						Lee		-16.8	167.1		1 f.	
		8 35		14 23	10R	8	E 0.06					Sull						
2994	BGC. 4714	-22 21	Dec 21	14 32	9R	8	W 0.02		2	2	3	Lee	V. Clear	-19.8	166.6		g	
		9 37		15 19	8L	12	E 0.14					Sull						
2995	Lal 19022	43 10	"	15 32	9L	12	E 0.01					Lee					g	
		10 21		15 58	1R	14	E 0.18					Sull						
2996	Br. 1447	-6 36	"	16 13	2R	14	E 0.03					Lee					g.	
		11 6		16 44	5R	20	E 0.16					Sull						
2997	BGC. 5695	30 55	"	17 6	6R	20	W 0.06					Lee					Field rejected because of lack of comp. stars,	
		11 48		17 35	9R	10	E 0.05					Sull						
2998	BGC. 5951		"	17 46	10R	10	W 0.06		3	3	3	Lee					g.	9, 10 R sec. 10. Facing N.
		12 57		18 00	3L	48	E 0.40					Sull						
2999	K 32	44 47	"	18 48			W 0.08		3			Lee					g	
		4 23		9 43	8R	25	E 0.30					Sull						
3000	ε Tauri	18 58	24 Dec.	10 21	9R	25	W 0.00		3	2	3	Lee	Just cleared	-6.8	168.9		Field Rejected	
		5 21		10 47			E 0.28					Sull						
3001	NGC. 1896	20 5	"		8R	30	W 0.02					Lee					g.	

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star	Exposure Time.	Hour Angle.	Positive Telescope. Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		1916														
3002 N.G.C. 2168	6 4 24 21	24 Dec.	11 11 12 11			60 E 0.34 W 0.26				Sull Lee				g.		
3003 N.G.C. 2420	7 34 21 45	"	12 28 13 28			60 E 0.45 W 0.15		3		Sull Lee				g.	Feeds 2h +	
3004 9 i Ursæ maj	8 53 48 23	"	13 55 14 15	4L 5L	14 14	E 0.39 E 0.20				Sull Steele.				g.		
3005 Lal 19022	9 37 43 10	"	14 48 15 01	8L 9L	12 12	E 0.39 E 0.19				Sull St				g.		
3006 WB 9954	9 46 -11 49	"	15 52 16 02	10R 11R	10 10	W 0.23 W 0.37				Sull St				v. p.		
3007 BD 8° 2512	11 25 +8 6	"	16 40 16 56	5R 6R	12 12	E 0.24 E 0.13			2	Sull St				v. p.		
3008 BD 28° 2078	12 2 27 59	"	17 20 17 40	5R 6R	14 14	E 0.22 E 0.05	2			Sull St	Sky thick. Seeing bad at first. Improved later.			f.		
~~3009~~ 8 Leonis	11 9 21 1	26 Dec.	16 38 16 51	8.5R 9R	10 10	E 0.05 W 0.10	2	2	2	Sull Lee	Temp. dropping very fast.	−1.5	1699	Rejected.		
~~3010~~ B.D +28° 2078	12 2 28 0	" "	17 19 17 33	10L 11L	12 12	E 0.17 E 0.02	2			Sull Lee				Rejected ○	10L, 11L v. bl. Sec 30	
~~3011~~ +33° 2227	12 17 33 7	" "	17 53 18 08	2L 3L	12 12	W 0.07 W 0.05				Sull Lee				Rejected. ○	2, 3L bl. Sec 30	
~~3012~~ W.B. 13h 24	13 15 35 36	" "	18 25	1L 2L	10 10	E 0.23				Sull Lee				Rejected.		

T.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. of	Definit	Stead di	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
			1916															
3009	Lal 19022	9 37 43 10	27 Dec.	14 28 15 00	8 9	12 15	E 0:40 E 0:08	1	3	3		Sull Steele		-11.5	168		g.	
3010	Ande Nel	0 37 40 19	28 Dec.	5 to 24 5 49	3L	25	E 0:40 E 0:15	3	2			Lee Stea		-11.8	168		f.	
3011	Ande Nel	"	"	5 54 6 19	3L	25	E 0:10 W 0:15					Lee					g.	Tr 50 U Ande 1/31 40°55
3012	K 21	1 36 45 7	"	6 44 7 16	1L	32	E 0:20 W 0:12					Steele Lee					g.	
3013	K 22	2 38 45 13	"	7 29 8 19	10L	50	E 0:37 W 0:13					Sull Steele	Drifting Clouds part of time				g.	
3014	BD 75° 154	3 49 75 55	"	8 40 8 48	2L 3L	6 6	E 0:37 E 0:28					Sull Steele					f.	
3015	BGC 2007	3 58 39 17	"	9 10 9 26	1 2R	12 12	E 0:16 0:00	2				Sull Steele					g.	
3016	α Tauri	4 35 16 19	"	9 52	7 8L	10 10	E 0:04					Sull Steele					N. G.	Nimus Comp x on North
3017	A Oe. 9599	9 3 57 9	"	14 20 14 32	0 1R	10 10	E 0:09 W 0:03	2+2	3			Sull Lee	L Clear	-16.6	167.1		g.	
3018	NGC 3031	9 49 69 28	"	15 01 15 22	10R 11R	20 20	E 0:14 W 0:10					Sull Lee					g	
3019	37 Leo Min.	10 33 32 30	"	15 48 15 57	8R 9R	8 8	E 0:11 E 0:02					Sull Lee					g.	

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No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Definition Steadiness Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1916												
	BD	11 25		16 23	5R	12	E 0.27		Sull Lee						
3020	8 2512	8 6	28 Dec	16 36	5.5R	12	E 0:14							g.	Dat 18
	B.D.C	11 48		17 01	9 R	10	E 0.12		Sull Lee						
3021	5957	74 19	"	17 13	10R	10	0:00							g	
		12 57		17 29			E 0.46		Sull Lee						
3022	K 32	44 47	"	18 25	3L	56	W 0:10							g.	
		13 20		18 41	4R	10	E 0.06		Sull Lee						
3023	g Wa. Maj	55 27	"	18 51	3R	10	W 0.05							g.	
		0 37	1917	5h 29			0.00		Lee						
3024	Andr. Neb.	40 19	6 Jan.	5 50	3L	21	W 0:21.	2+ 2-	Steele.		+3.6	170.3		f.	
				6:03	6L	8	E 0:11		Lee						
3025	w Andr.	1 21	"	6 14	7L	8	0.00							g.	
		3 49		7 51	2L	6	E 0:32		Sull						
3026	BD 75 154	75 55	"	7 59	3	6	E 0:45	2	Steele					g.	
		3 58		8 19	1	12	E 0:30		Sull						
3027	BgC 2007	39 17	"	8 32	2R	12	E 0:18		Steele					g.	
		4 39		8 58			E 0:30		Sull						
3028	K24	44 55	"	9 23	11L	35	W 0.05		Steele					g	
		5 20		9 49	2	8	E 0:24		Sull						
3029	3 Lauri	28 31	"	9 58	3R	8	E 0:15	2	Steele					g.	

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star	Exposure Time	Hour Angle.	Positive Telescope Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
			1917														
3030	K 20	0 41 / 45 27	7 Jan.	5h20 / 5 45	3L	25	E0:10 W015	W	3	3 4	Steele Lee	Clear.	-3.4	169.5		g.	
3031	N.G.C 869	2 14 / 56 48	"	6 25 / 7 15	6L	50	E 0.35 W 0.45				Steele Lee	Clouds				g	Iso-mag. 36 in. Apps
3032	Pleiades Prec.	3 40 / 24	"	8 39 / 8 52	5R / 6R	15 / 10	W0:12 W 0.25		3	2 4	Sull Lee					g	" " " "
3033	β 883	4 46 / 10 55	"	9 01 / 9 35	0 / 1R	12 / 15	E0:13 W0:02				Sull Lee	Through thin Clouds				g	40"
3034	N.G.C.2287	6 44 / 4 9	"	11 7	4R	10 / 10	E0:23				Sgll Lee		-7.0	168.8		g	
3035	30°516	3 11 / 30 1/2	11 Jan.	7 03 / 7 20	1L / 2L	10 / 10	E 036 E 076		1	1 3	Lee		-12.2	168.0		v.p.	
3036	K 23	3 38 / 45	"	7h46 / 8h21	7L	35	E0.25 W0:10		2	2	Lee					f.	
3037	K 24	4 39 / 44 55	"	8h43 / 9h	11L		E0.28 /				Bushee Nicholson					f.	
3038	χ Orionis	5 20 / 6 16	"	9 38	9R / 10R	10 / 10	E0.45				Bushee Lee Nicholson						
3039	ε Cass	1 48 / 63 14	13 Jan	5 30 / 5 40	4L / 5L	7 / 7	E0 34 E041		1	1 4	Lee	Clear	-15.6	167.1		f.	
3039	N.G.C. 869	2 14 / 56 48	"	5 59 / 6 57	6L	58	E0:38 W0:20				Lee					f.	

II.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star	Exposure Time	Hour Angle.	Positive Telescope Definit	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917													
3040	K 23	3 39 45 50	13 Jan	7 28 8 16	5L	48	E 0.36 W 0:12	W			Lee Mickelson					f.	
3041	E Cass	1 48 63 14	14 Jan	5 26 5 34	4L 5L	6 6	E 0:37 E 0:29		3	2	4 Gushee Lee	Clear	-16.2	167.0		g.	
3042	N.G.C. 869	2 14 56 48	"	6 to 00 6 55	6 L	55	E 0.40 W 0.23				Gushee Lee					g.	10 m exp. these stripes for longer one.
3043	K 23	3 39 45	"	7 to 02 7 40	5L	38	E 0.38 E 0:20				Gushee Lee					g	T.V. 3h 43m 44° 40' 3.8
3044	B.G.C. 2007	3 58 39 17	"	8 01 8 14	1R 2R	12 12	E 0:18 E 0:07				Gushee Lee					g.	
3045	K 24	4 39 44 55	"	8 to 33 9 to 11	11L	38	E 0:27 W 0.11				Gushee Lee					g.	T.V. ε Aurigae 4h 55m 43° 40'
3046	N.G.C. 2168	6 4 24 21	"	9 30 10 35	6L	65	E 0:55 W 0:10				Gushee Lee					g.	
3047	N.G.C. 2420	7 34 21 45	"	10 46 11 57	2R	65	E 1:07 E 0.02		2		Gushee Lee					f.	
3048	N.G.C. 2548	8 10 -5 33	"	12 03 12 40	3L	37	E 0.26 W 0:11		3		Gushee Mickelson Lee		-19.3	166.6		g.	
3049	Fed 1457-8	9 8 53 7	"	13 11 13 24	2L 3L	10 10	E 0:17 E 0.04				Mickelson Lee	thickening over N				f.	

22 π.	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Definit.	Steadiness	Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917													
3050	ρ Leonis	10 28 9 46	16 Jan.	14 40 15 02	10L 11L	20 20	0.00 W 0:22	W	2	1	3 Wicklam Lee	Clear	-16.0	167.3		f	
3051	B.G.C. 5811	11 27 61 38	"	15 37 15 48	7R 8R	10 10	0.00 W 0:11				Wicklam Lee					N. G.	
3052	ε Ursæ Maj.	12 50 56 30	"	16 18 16 34	3R 4R	14 14	E 0.43 E 0:27				Wicklam Lee					f.	
3053	ζ Ursæ Maj.	13 20 55 27	"	16 55 17 06	3R 4R	10 10	E 0:37 E 0.25				W Lee					g	
3054	68° [illegible]	13 22 68 38	"	17 35 17 47	8R 9R	10 10	W 0:01 W 0:13				W Lee					f	
3055	B.G.C. 6842	14 18 8 54	"	18 13 18 28	9R 10R	12 12	E 0:15 E 0:02				W Lee					f.	
3056	β Arietis	1 49 20 19	18 Jan.	5 37 5 48	8R 9R	10 8	E 0:25 E 0:15		3	3	4 Lee	Clear.	-10.0	168.2		g	
3057	P.M. star near Wolfe	2 13 43 54	"	6 15 6 28	8R 9R	21 5	E 0.05 W 0.09				Lee				9162	π to ft.	
3058	30° 576	3 11 30 42	"	6 47 6 52	1L 2L	5 5	E 0.29 E 0.28				Lee					g.	
3059	B.G.C. 2007	3 58 39 17	"	7 14 7 27	1R 2R	12 12	E 049 E 036				Lee					g.	
3060	Berlin A 1248	4 35 18 42	"	7 55 8 10	1R 2R	10 6	E 045 E 036				Lee					v. p.	

Star.	R. A. Decl.	Date.	C. S. T.	Guid Star.	Exposure Time.	Hour Angle.	Position Telescope Definition	Steadiness	Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917													
3061 K 24	4 39 44 55	18 Jan.	8h 26m 8 56		11L	30	E 0.20 W 0.110	W	3	2 Lee				9162	g.	Hyde S. W. Mind.
3062 β Tauri	5 20 28 31	"	9 17 9 24	0 1R	6 6	E 001 E 0.08				Lee					g.	
3063 26° 1067	6 1 26 34	"	9 45 9 57	8R 9	5 5	E 0.20 E 0.14				Lee					g.	
3064 ζ Ursæ Maj.	11 14 31 57	23 Jan.	14 32 14 50	9R 10R	15 15	E 023 E 0.05	4	3	3 Lee		Clear	-8.2	168.7		f.	Sky 4
3065 3 Leonis	11 44 15 5	"	15 22 15 32	2L 3L	8 8	W 0:06 E 004				Lee					g.	
3066 K 32	12 57 44 47	"	15 52 16 44	3L	52	E 0.42 W 0.10	3		2 Lee		Thickening				g.	Clouds [illegible]
~~3067~~ ζ 1785	13 44 27 29	"	17 28 17 39	4L 5L	10 10	W 007 W 012	3		1-0 Lee,		all gone				1 p.	Rejected. Bad distortion & way
3067 K 22	2 39 45 13	25 Jan	5h 53m 6 29	10L		E 0:21 W 0:15	3	2	Gushee Lee			-12.7	168.0		f.	
3068 Pleiades Rec.	3 40 +24	"	7 02 7 14	5R 6R	10 10	E 0:12 0 00	3-1		wickham Lee						p.	Iso-magn.
3069 " "	3 40 +24	"	7 33 7 44	6R 5R	10 10	W 0:19 W 0:30			W Lee						g.	
3070 TT Aurigæ	5 3 39 28	"	8 07 8 16	10R 11R	8 8	E 0.32 E 0.23			W Lee						g.	

Π.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Positic Telesc of Definit	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917													
3071	ζ Aurigæ	5 9 / 45 54	25 Jan		8 42 / 8 57	8R / 9R	4 / 2	E 0.04 / W 0.05	W		W L				g		
3072	ζ Orionis	5 50 / +7 23	"		9 12 / 9 21	4L / 5L	8 / 8	E 0:14 / E 0.05			W L				f.		
3073	γ Geminis	6 32 / +16 29	"		9 40 / 9 47	6L / 7L	6 / 6	E 0.32 / E 0.15			W L.				f		
3074	Pleiades Prec	3 40 / 24	1 Feb		5 59 / 6 11	6R / 6R	10 / 10	E 0.55		1+1	3 Steele Lee	Clear	−13.8°	167.5	v.p.	Iris image ½"	
													−13.5	167.8			
3075	ε Orionis	5 31 / −1 16	3 Feb		8 22 / 9 00	6L / 7L	10 / 10	E 0:10 / W 0:27		3 3	Sull Steele	Thin clouds. Clouded over.			g		
3076	Pleiades Prec	3 40 / 24	8 Feb		6 08 / 6 30	6R / 6R	10 / 10	E 0 13 / W 0.00		1-2 2 3	Steele Lee	Clear	−12.4	167.6	f-p.	1st 40" 2nd 86"	
3077	TT Aurigæ	5 3 / 38 28	"		7 33 / 7 44	10R / 11	10 / 10	E 0:10 / 0:00		2	Sull Lee				g.		
3078	β Tauri	5 20 / 28 31	"		8 07 / 8 10	0 / 1R	8 / 8	0:00 / W 0.09		3	Sull Lee				g		
3079	B.D. 26° 1067	6 1 / 26 34	"		8 27 / 8 38	8R / 9R	5 / 6	E 0 14 / E 0:08			Sull Lee				g.		
3080	3 G.C 3499	6 33 / 12 16	"		8 48 / 8 59	8½L / 9½L	10 / 10	E 0:25 / E 0.14		2	Sull Lee				f.	Trail as per card.	
3081	97 Monoc.	6 46 / −0 26	"		9 25 / 9 36	3L / 4L	10 / 10	E 0.05 / W 0.06			Sull Lee				f.	Var. 19 minute 6h 58 −4° 6'	

H.	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3082	Pleiades	3 40 24 10	10 Feb.	5 47 6 03	5R 6R	10 10	E 0:24 E 0:11	W	2	2	3	Steele Lee	Clear	-15.0	167.0	g		Iso Magn 36"
3083	K 24	4 39 44 55	"	6 20 7 00	11L	40	E 0:49 E 0:10			3		Steele Lee				g		
3084	K 25	5 38 44 48	"	7 11 7 51	3L	40	E 0:57 E 0:17					Steele Sull				g		
3085	B.D. 42° 1219	6 32 +12 16	"	8 32 8 44	8½ 9½L	10 10	E 0:34 E 0:23					Sull Steele				1g	1p	
3086	K 27	7 38 +44 47	"	9 to 05 9 55	5R	45	E 1:05 to E 0:15					Sull Steele				g		
3087	Pleiades Prec	3 40 24	11 Feb.	5 52 6 05	5R 6R	10 10	E 0:18 E 0:05		2	2	3	st Lee	Clear	-17.2	167.1	p		Iso Magn. 36"
3088	" "	3 40 24	"	6 21 6 30	5R 6R	8 8	W 0:10 W 0:19					Steele Lee				g		
3089	TT Aurigae	5 3 39 28	"	6 52 7 03	10R 11	10 10	E 0:40 E 0:30		2	3	2	St L				g		
3090	L Aurigae	5 9 45 54	"	7 24 7 35	8R 9R	8 8	E 0:16 E 0:05					St Lee Sull				f		
3091	33δ Aurigae	5 52 54 16	"	7 57 8 08	3R 4R	10 10	E 0:22 E 0:11		3	3		Stull Lee				g		
3092	20° 1067	6 1 26 34	"	8 25 8 31	8R 9R	5 5	E 0:04 W 0:02					Stull Lee				g		Iv. 6h 29° 32

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		1917														
3093 BCC 3499	6 33 12 16	11 Feb.	8 57 9 02	8½L 9½L	10 10	E 0:11 E 0:00	2			Sull Lee		-18.6			g	
3094 α Com	7 29 32 4	"	9 24 9 35	9L 10L	10 10	E 0:33 E 0:22				Sull Lee					f.	
3095 N.G.C. 2548	8 10 -5 33	"	9 to 58 10 10	~~60±~~	60±	E 0:40 W 0:30				Sull Lee					f.	10–15m out for lack of power. Tr 31 Nyliac 9h24 -2 20
3096 NGC. 3231	10 21 6 7 13	"	11 34 12 34		60	F 1:16 E 0:15				Sull Lee					f.	
3097 8°2512	11 25 8 6	"	13 28 13 41	5R 6R	12 12	E 0:27 E 0:13				Sull Lee					1 f.	Corner broken out of plate by Mar. Monk
3098 BD +28.2078	12 1 27 39	"	14 10 14 25	5 8R	12 12	E 0:20 E 0:05				Sull Steck					p.	
3099 δ Corvi	12 25 -16	"	14 45 14 48	1/2 L	2 2	E 0:08 E 0:05				Sull St					g	
3100 β Comae	13 7 +28 19	"	15 17 16 7	7½ 7½	15 15	E 0:18 W 0:32	2-			Sull St					N.G.	Only 1 comp. star.
3101 Barnard 8M	17 54 +4 27	"	17 14 17 20	1 L 2 L	5 5	E 3 05 E 3 00	2			Sull St					g	
3102 δ Coronae	15 38 +26 34	"	17 40 17 47	7 R 8 R	10 10	E 0:21 E 0:14	2-			Sull St					g	

Clock stopped a couple of times

22 h.

No.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive / Reflexion / Definition	Steadiness	Transparency	Observers.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917														
3103	28° 2078	12 2 / 28 0	13 Feb.	14 20 / 14 31	5R / 6R	10 / 10	E 00 2 / W 00 9	W	4	2	3	Sull Lee	Fairly Clear	-9.1	168.5		g	
3104	ε Urs. Maj.	12 50 / 56 30	"	14 48 / 15 00	4R / 3R	10 / 10	E 0:21 / E 0:10					Sull Lee					g.	
3105	N.G.C. 4194	13 26 / 47 37	"	15 19 / 15 57	8R	38 / 38	E 0:26 / W 0:12					Sull Lee					p.	Second Neb. in field.
3106	K 34	14 48 / 45°	"	16 12 / 16 58	8R	46	E 0:55 / E 0:09					Sull Lee.					g.	
3107	44 i Bootis	15 1 / 48°	"	17 15	4L / 5L	8 / 8	E 0.03					Sull Lee					g.	
3108	ζ Coronae	15 39 / 26 35	"	17 45 / 17 53	9R / 10R	8 / 8	E 0.11 / E 0 03					Sull Lee					g.	
3109	Barnard P.M.	17 54 / 4 27	"	18 6 / 18 11	1L / 2L	4 / 4	E 2:04 / E 2.00	343				Sull Lee					g.	
3110	Pleiades Prec.	3 40 / 24	17 Feb.	5 56 / 6 6	5R / 6R	10 / 10	W 0:10 / W 0:21	22				Lee Steele	-4.7	169.0		g	Iso Magn. 36"	
3111	α Tauri	4 30 / 16 19	"	6 27 / 6 38	10R / 11R	10 / 10	E 0:10 / W 0:02					Steele Lee					g.	
3112	α Aurigae	5 9 / 45 54	"	6 56 / 7 06	8R / 9R	8 / 8	E 0:21 / E 0:10					Steele Lee					g	
3113	K 25	5 38 / 44 48	"	7 23 / 7 54	3R	30	E 0:26 / W 0: 5					Steele Sull Lee					g	

22 H.

No.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. of Definit.	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917														
3114	Oxf +25° 21321	6 11 / +25 14	17 Feb	8 10 / 8 18	8 / 9	L	8 / 8	E 0:05 / W 0:04	W	2	2 3	Snell / St					g.
3115	R Monoc	6 34 / +8 49	"	8 40 / 8 50	10 / 11	L	8 / 10	W 0:01 / W 0:09		3	3 1	Snell / St	Clouds.				p.
~~3116~~	β Gem.	7 39 / +28 16	"	9 26 / 9 39	1 / 2	R	10 / 8	E 0:18 / E 0:09		2	3 2	Snell / St	Thick				Rejected.
3116	α Aurigae	5 9 / 45 54	24 Feb.	6 27 / 6 36	8 / 9	R	8 / 8	E 0:22 / E 0:13		3	3 3	Lee	Clear	-7.8	168.5		g
3117	K 25	5 38 / 44 48	"	6 50 / 7 30	3	R	40	E 0:25 / W 0:15				Steele / Lee	Thickening				g.
~~3118~~	25° 21321	6 11 / 25 15	"	7 40	8 / 9	L	10	E 0:09				Snell / Lee	V Thick				Rejected.
3118	BGC 6711	13 59 / +8 58	27 Feb	14 41 / 14 58	6 / 7	L	12 / 12	E 0:35 / E 0:28		3	3 3	Snell / Steele		-7.5	168.9		g.
3119	β Coronae	15 38 / 26 34	"	16 20 / 16 26	7 / 8	R	10 / 10	E 0:40 / E 0:33		4		Snell / St					g.
3120	K 36	16 46 / ~~45~~ 22	"	16 46 / 17 36	9	L	50	E 1:25 / E 0:35				Snell / St					g but has slightly displaced ~~wrong~~ guiding star.
3121	4 Hercules	16 ~~46~~ 49 / 46 15	"	17 50	3 / 3	L	8 / ~~8~~ 4	E 0:34				Snell / St					g.

22 H.

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposu. Time.	Hour Angle.	Posit. Telesc. Defin.	Stead.	Transp.	Observers.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917														
3122	ε Orionis	5 31 -1 16	1 March	6 46 6 57	6L 7L	10 10	0.00 W0.10	W	3	2	1 Lee	Light Clouds	-6.0	169.0		g.	
3123	ζ Geminorum	6 32 16 29	"	7 17 7 28	6L 7L	10 10	E 0.28 E 0:17				Lee Sull	V. Thick				g.	
3124	Sirius	6 41 -16 35	"	8 22 8 27	2R 3R	4 4	W 0.22 W 0:27			4	Sull Lee					v.p.	
3125	Procyon	7 34 5 29	"	8 43 8 54		8 8	E 0:10 E 0:01				Sull Lee					f.	Sec 1.4 ff ⊙
3126	−11°2289	8 10 -11 38	"	9 24 9 36	4L 8L	6 6	E 0.00 W 0.07				Sull Lee					g.	
3127	−11°2305	8 13 -11 28	"	9 50 9 55	8L 9L	4 4	W 0:16 W 0.21		3	3	4 Sull Lee	Clouds going past.				p.	
3128	β Tauri	5 20 28 31	3 March	6 11 6 22	0L 1L	10 10	E 0.20 E 0:10		2	2	Stull Lee	Few thin Clouds	-4.0	169.2		g.	
3129	δ Aurigae	5 52 54 16	"	6 41 6 52	3R 4R	10 10	E 0:20 E 0.10		2	2	Lee					g	
3130	Orf 25°2132	6 11 25 15	"	7 12 7 25	8L 9L	8 ~~9~~	E 0:10 W 0:09			1	Stull Sull	Clouds				g.	
3131	−11°2305	8 13 -11 28	"	9 25 9 34	9L 10L	8 8	W 0:02 W 0:10				Sull St					g.	⊙ ff.
3132	7 Left.	9 47 +2 52	"	9 51 9 59	2L 3L	8 8	E 0:06 W 0.04			2	Sull St					g.	

II.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc of	Definit	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3133	Oxf 44446	15 3 25 15	March 4	16 27 16 43	6 R 5 R	15 15	W 0:17 W 0	W	2-	1	2	Sull Lee	clear	-13.7	167.9		D.	
3134	W.B. 16h 400	16 14 3 29	"	17 04	3 R 4 R	12 12	E 0.25					Sull Lee					f.	
3135	K 27	7 38 44 48	March 17	7 to 4 7 59	5 R	45	E 0:40 to W 0:05		3	1	2	Steele Sull.	Small clouds passing Very high wind. Clouds.	-0.8	170.2		p.	Elongated. Taken without filter.
3136	ε Hydrae	8 42 6 47	"	8 58 9 8	7 8 R	8 10	W 0:02 W 0:11		2-			Snee St.					p.	" " "
3137	Sirius	6 41 -16 35	March 18	6 35 6 42	7 R 8 R	5 5	E 0:18 E 0:11		2-	2	3	Steele Lee	clear	-3.5	169.0		g.	♀ 7.8 R
3138	K 27	7 38 44 48	"	6 54 to 7 39	5 R	45	E 0:55 to E 0:10					Steele Lee					g.	
3139	20° 1940	7 49 20 39	"	7 54 8 3	1 L 2 L	8 8	E 0:07 W 0:02		3			Sull Lee					g.	
3140	67° 552	8 28 67 35	"	8 24 8 45	7 R 8 R	20 20	E 0:17 W 0:04					Sull Lee.					g.	
3141	N.G.C. 3031	9 49 69 28	"	9 44 9 55	11 L 10 L	20 20	E 0:47 E 0:26					Sull Lee					g.	
3142	Leonis	11 2 11 15	"	10 04 10 14	0 1 L	10 10	E 0:10 0:00					Sull Lee					f.	
3143	N.G.C. 4254	12 15 14 52	"	10 36 to 11 36		60	E 1.47 to E 0.47					Sull Lee					No Neb. visible in 1h	

II.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Defining Steadiness	Transparency	Observers Initials	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917													
3144	N.G.C. 4321	12 19 16 16	18 March	11 to 48 12 48		1 L	60	E 0:42 W 0:18	W		Sull Lee					No Neb. in 1h
3145	N.G.C. 5466	14 2 28 55	"	13 to 02 14 42			100	E 1:11 W 0:31			Sull Steds.	-5.5				p. V. ft. cluster.
3146	44i Bootes	15 1 47 59	"	15 10 15 23	4 5L	10 10		0:00 W 0:13		3 2 2	Sull St					g.
3147	K 36	16 46 45 22	"	15 45 to 16 45		9L	60	E 1:20 E 0:20		3	Sull St	guiding star became quite faint.				g.
3148	30 Drac.	17:46 50 48	"	17 03 17 19		8 9L	10	E 0:53 E 0:20			Sull St					1 Exp. sec 3
3149	K 34	14 48 44 59	20 March	14 to 16 15 01		8R	45	E 0:34 W 0:11		3 3 3	Sull Lee	V. Clear	43.0	170.5		f
3150	OΣ 298	15 32 40 8	" "	15 19 15 30		5L 5½L	10 10	E 0:15 E 0:04			Sull Lee					g
3151	Lal 19439	16 3 38 52	" "	15 50 16 06		5L 5½L	15 15	E 0:14 W 0:02			Sull Lee					g.
3152	41 Herculis	16 41 6 15	" "	16 28 16 37		2L 3L	8* 8*	E 0.15 E 0.06			Sull Lee					g.
3153	K 37	17 49 45 0	" "	16 to 47 16 23		3L	36	E 1:02 E 0:26			Sull Lee					g

T.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. of	Definit	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917														
3154	Sirius	h 41 / -16 35	24 March	h 32 / h 38	7R 5 / 8R 5	W 002 / W 008	W	2	1	3	Steele / Lee	V Clear.	+9.5	171.6		p.	
3154A	Sirius	h 41 / -16 35	"	h 47 / h 53	8R 5 / 7R 5	W 0:08 / W 0:23		2			Steele / Lee.					f.	
3155	W½ 7h 1029	7 39 / 39 47	"	7 9 / 7 25	10R 15 / 11R 15	E 0:18 / E 0:02			2		Steele / Lee					g.	
3156	67°552	8 28 / 67 36	"	7 52 / 8 12	7R 20 / 8R 20	E 0:24 / E 0:04					Sull / Lee					g.	
3157	Fed 1457	9 8 / 53 7	"	8 39 / 8 50	2L 10 / 3L 10	E 0:15 / E 0:04					Sull / Lee					g.	
3158	7 Sext.	9 48 / 2 52	"	9 9 / 9 18	0.8L 8 / 1.4L 8	E 0:25 / E 0:16					Sull / Lee					f.	
3159	η Leonis	10 2 / 17 15	"	9 38 / 9 53	0 L 15 / 1 L 15	E 0:13 / W 0:03					Sull / Lee.		+7.3			f.	
3160	Castor	7 29 / 32 4	25 March	h 45 / h 55	9L 8 / 9.5L 8	E 0 24 / E 0 14					Lee	Thick	+8.4	171.4		p.	
3161	44i Bootis	15 1 / 47 59	27 March	14 21 / 14 33	4L 10 / 5L 10	E 0 15 / E 0 03	2	3	3	Sull / Steele			-0.4	170		g.	
3162	0Σ298	15 32 / 40 8		15 00 / 15 12	5.3L 11 / 5.7L 11	E 0 05 / W 0 05					Sull / St					g.	
3163	WB 16h 400	16 24 / 8 29		15 33 / 15 45	3R 10 / 4R 10	E 0 26 / E 0 15					Sull / St					g.	

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star	Exposure Time	Hour Angle.	Positio Telesc.	Definit	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917														
3164	4 Hercules	16 40 +6 15	27 March		16 4 16 15	2L 3L	10 10	E0 12 E0 01		W	2	3 3	Sull St				f.	Elongated Images.
3165	K 37	17 48 45 0	"		16 to 33 17 to 6	3L	39	E0 to 50 E0 11					Sull St				f.	" "
3166	W 7h 1029	7 39 39 47	29 March		7:00 7:14	10R 11R	14 12	E 0:10 W 004			2	3 3	Lee	Clear	+5.2	170.9	g	
3167	−11°2289	8 10 −11 38	" "		7 35 7 44	4L 5L	8 6	E 0:05 W 0:04					Sull Lee				g	
3168	B.G.C. 4714	8 35 −2½ 2½	" "		7 57 8 05	10.5R 11.3R	8 8	E 0:07 W 0:07					Sull Lee				p.	
3169	Alc 9577	9 3 51 9	" "		8 19 8 27	0 1R	8 8	E 0:13 E 0:05		3			Sull Lee				g	
3170	N.G.C. 3031	9 49 69 28	" "		8 52 9 18	10R 10R	25 25	E 0:26 0:00					Sull Lee				f.	
3171	B.D. 31°2175	10 35 31 7	" "		9 44 9 53	4R 5R	8 8	E0:20 E0 11					Sull Lee				f.	
3172	B.D. 20°1940	7 49 20 39	5 April		6 58 7 07	1L 2L	8 8	W 0:05 W 0:12		1½	1	1½	Steele		3.4	170.6	g	
3173	B.D. +31°2175	10 35 31 17	"		8 55 9 09	6L 7L	12 12	E0:40 E0:27		2			Sull St.				g.	
3174	B.D. +20°2594	11 18 +20 33	"		9 37 9 51	10L 11L	12 12	E0:40 E0128					Sull St.				p.	

Π.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Definit.	Steadi	Transpar	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917													
3175	N.G.C. 3031	9 49 69 28	8 Apr.	8:09 8:41	11R 11SR	30 30	E0:30 W0:03	W	2	3	3	Suff St		+2	170.4		g.	
3176	K31	11 37 44 38	"	9 to 12 10 14	11L	60	E1:15 E0:00					Suff St					g.	
3177	N.G.C. 5272	13 38 28 47	"	10 to 47 12 2	5R	75	E1:35 to E0:20		2	2	2	Suff St					p.	Cluster above center, guiding star bright.
3178	N.G.C. 5904	15 15 +2 22	"	12 to 15 13 15	0	60	E1:45 to 0:45					Suff St					fp.	Cluster below center.
3179	Oxf 44446	15 3 25 15	"	13 33 16 08	6R 7R	15 15	E0:15 W0:15					Sull Lee					g.	
3180	Lal 19439	16 3 38 52	"	14 33 14 48	5L 6L	15 15	E 0 17 E 0:02		3	2		Sull Lee					g	
3181	W.B. 16h 400	16 24 3 39	"	15 8 15 19	3R 4R	10 10	E0:06 W0:06					Sull Lee					g.	
3182	μ Draco	17 4 54 34	"	15 41 15 52	4R 3R	10 10	E0:10 E0:00					Sull Lee		-2.2	169.7		p.	
3183	K37	17 49 45 0	"	16 6 16 48	3L	42	E0:30 to W0:12					Sull Lee					f.	
3184	Barnards PM *	17 54 4 27	"	16 58 17 03	1L 2L	5 5	W0:16 W0:21					Sull Lee					d.	Wrong guiding star.

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. of Definit	Steadi	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
		1917														
3185	31°2175	10 35	12 apr.	8:30	6 L	10	E 0:39	W	2-	2 3	Sull Lee	+4.0	170.7		p.	
		31 17		8:40	7 L	10	E 0:29									
3186	Lal 19029	9 37	14 apr.	7:32	8 L	14	E 0:30				Sull					
		43 10		7:48	9 L	14	E 0:18		2	3 3	Steele	+2	170.5		g.	
3187	η Leonis	10 2	"	8:13	0	18	E 0:11				Sull					
		+17 15		8:32	12	18	W 0:04				St.				g.	
3188	37 Leon. Min	10 33	"	8:58	8 R	9	0:00				Sull					
		32 30		9:08	9 R	9	W 0:10				St				p.	Elongation by diffraction
3189	2 Urs Maj.	10 58	"	9:28	5 L	9	0:00				Sull					
		62 17		9:40	6 L	9	W 0:15				St.				1g.	
3190	Lal 29439	16 3	"	14 08	5 L	15	E 0:19				Sull					
		38 52		14 25	6 L	15	E 0:04				Lee				f.	
3191	W.B. 16 L 400	16 34	"	14 45	3 R	10	E 0:05				Sull					
		3 29		14 56	4 R	10	W 0:06				Lee				g.	
3192	Lal. 1384	8 47	15 Apr.	7 13	3 L	12	W 0:08									
		71 3		7 26	4 L	12	W 0:22		2	2 2	Lee	+4.0	170.7		1g.	
3193	Lal 19022	9 37	" "	7 50	8 L	12	E 0:10				Sull					
		43 10		8 03	9 L	12	W 0:03				Lee				g.	
3194	37 Leo Min	10 33	" "	8 19	8 R	8	E 0:36				Sull					
		32 30		8 28	9 R	8	E 0:27				Lee				p.	Like 3188
3195	31°2175	10 35	" "	8 46	10 R	10	E 0:01				Sull					
		31 17		8 57	11 R	10	0:00				Lee				g.	

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		1917.															
3196	20°2594	11 19		9 14	10 L	10	E 0:25				Sull						
		20 24	15 April	9 25	11 L	10	E 0:14	W			Lee					g.	
3197	β Leonis	11 44		9 42	2 L	8	E 0:24				Sull						
		15 4	" "	9 57	3 L	8	E 0:15		2+	2- 2-3	Lee					g.	
3198	Ks 32	12 56		10+3			E 1:12				Sull						
		28 31	" "	11 35	6 L	72	0:00				Lee	Thick				g.	
3199	N.G.C. 5272	13 38		11 24			E 0:35				Sull						
		28 47	" "	12 36	3 L	72	W 0:37		3	3 2	Lee					f.	
3200	N.G.C. 5904	15 15		12 49			E 0:45				Sull						
		2 02	" "	14 33		105	W 0:00				Lee		0.0	170.0		g.	
3201	W.B. 16h 400	16 24		14 54	3 R	10	W 0:10				Sull						
		+3 29	"	15 06	4 R	10	W 0:21		2+		Stull	Thick				g.	
3202	ξ Herculis	16 38		14 30	4 L	10	E 0:11				Sull						
		31 44	19 April	14 41	5 L	10	0.00		2	2 2	Lee	Very Wet	14.0	172.5		g.	Sets 5
3203	μ Draconis	17 4		15 02	3 R	10	E 0:05				Sull						
		54 34	"	15 13	4 R	10	W 0:06		3		Lee					f-p.	
3204	77 x Herc.	17 24		15 28	0 R	8	0:00				Sull						
		48 20	"	15 37	1 R	8	W 0:09			3	Lee	Clouded over				g.	
3205	37 Leo. min.	10 33		8:05	8 R	10	E 0:20				Sull						
		32 30	21 April.	8:17	9 R	10	E 0:15		2- 2	2	St.	Passing clouds.	13.7	172.4		f	
3206	α Ursæ Maj.	10 58		8:46	5 L	10	E 0:10				Sull						
		62 17	"	8:58	6 L	10	W 0:03				St	"				f	

T.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Definit.	Stead.	Transp.	Observer. Ctd.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917						W								
3207	BC 5951	11 48 74 19	21 April	9 22 9 36	9R 10R	12 12	E 0:24 E 0:09				Sull St					g.	
3208	LL 1258	11 44 0	5 May	7 43 7 55 8 06	10L 11L 10.5L	10 10	E 0:20 E 0:08 W 0:05		3	3	Sull Lee	Clear and clouds.	+6.4	170.9		g. g.	Had some trouble with oscillations in driving at first.
3209	28° 2078	12 2 2 80	"	8 34 8 47	9R 10R	12 12	E 0:30 E 0:15				Sull Lee					g g	
3210	N.G.C. 4594	12 36 −11 10	"	9 to 05 10:00	5R	55	E 0:33 W 0:12				Sull Lee					g g	
3211	BD. 8° 2512	11 25 +8 6	6 May.	8 13 8 28	5R 6R	12 12	E 0:10 W 0:04		3	3	Sull Steele		+7.6	171.3		1 f.	Trouble with oscillations
3212	BD 28° 2078	12 1 28 0	"	8 50 9 3	9R 10R	12 12	E 0:11 W 0:2				Sull St.					g. g.	" " "
3213	NGC 4594	12 35 −11 10	"	9 to 19 10 to 17	5R	58	E 0:15 W 0:43				Sull St.					f. f.	
3214	NGC 5904	15 15 +2 22	"	10 to 47 12 to 17	0	90	E 1:25 W 0:05				Sull St.					2 f. 2 f.	
3215	M 13	16 39 36 37	"	12 to 32 13 52	5L	80	E 1:00 W to 0:20		3	3	Sull Lee					g. g.	
3216	77 X Hercul.	17 24 48 20	"	14 07 14 16	0 1R	8 8	E 0:15 E 0:06		2-3		Sull Lee					g g	
3217	Barnards P. M. *	17 54 4 27	"	14 33 14 45 15 56 16 06	6 L 2 L 6 L 4 L	5 5 5	E 0:15 W 0:08 W 0:18				Sull Lee					f. f.	Oscillations.

T.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Definition Steadiness	Transparency	Observers Initials	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917													
3218	α Lyrae	18 34 38 42	6 May	15 20 15 25	2L 3	4 4	E 0.08 E 0.03	W	2	2 2 Sull Lee					g.	
3219	β Lyrae	18 47 33 16	"	15 38 15 47	1L 0	8 8	E 0.05 W 0.04		3	Sull Lee					f.	
3220	BG.C. 9114	19 8 38 37	"	16 00 16 07	1L 2L	6 6	E 0.04 W 0.03			Sull Lee					g.	
3221	Lal 21258	11 1 44 0	10 May	7 45 7 53	10L 11L	7 9	0.00 W 0.08	3	3	3 Sull Lee	Clear	+12.4	172.1		g	
3222	B.G.C. 5951	11 48 74 19	"	8 12 8 23	9R 10R	10 10	E 0.20 E 0.09			2 Sull Lee					g	
3223	29° 2279	12 15 28 53	"	8 55 9 11	6L 7L	15 15	E 0.04 W 0.12			2- Sull Lee					N.G.	Field not suitable.
3224	WB 13h 241	13 15 35 36	"	9 34 9 47	1L 2L	12	E 0.23 E 0.10			Sull Lee					g	Trail 13h 30 +37° 42
3225	BD 8° 2512	11 25 +8 6	13 May	7 57 8 10	5R 6R	12 12	E 0.04 W 0.15	3	3	2 Sull St		11.5	172.0		g	
3226	Barnards P.M.	17 54 4 27	"	14 13 14 20	1L 2L	6 6	E 0.11 E 0.05			Sull Lee		+8.3	171.3		g	
3227	φ Draco.	18 22 71 17	"	14 41 14 53	9L 10L	12 12	E 0.13 0.00			Sull Lee		+8.0			g.	
3228	β Lyrae	18 47 33 15	"	15 15 15 23	1L 2L	6 6	E 0.02 W 0.06			Sull Lee					g	Sullivan has located the oscillating trouble in the shaft of dec. fast motion which runs through polar axis.
3229	β Cygni	19 27 27 47	"	15 41 15 50	9L 8L	8 8	E 0.15 E 0.07			Sull Lee					f.	

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope Definition Steadiness Transparency	Observers Initials	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		1917												
3230 WB. 13h 241	13 15 35 36	17 May	9 08 9 23	1L 2L	12 12	E0:35 E0:08	W 3 3 2	Sull St.	Clouds.	~~22~~ 9 ~~15~~	173.8 ~~172.6~~		f.	
3231 Σ1785	13 44 27 29	"	9 57 10 03	4L 5L	10 10	E0:07 W0:04		Sull St.	Clouds.				N.G. ?	Necessary comp. star missing
3232 α Lyrae	18 34 38 42	22 May	14 26 14 31	2L 3L	4 4	E0:07 W0:04	3 3 3	Sull Lee	Clear	2.8	170.5		1 g	1 distorted.
3233 B.C.C.9114	19 8 38 37	"	14 44 14 51	1L 2L	6 6	E 0:17 E 0:11		Sull Lee					g.	
3234 RR Lyrae	19 42 42 36	"	15 5 15 13	5R 6R	10 8	E 0:10 E 0:07		Sull Lee					g.	
3235 K 39	19 47 44 55	"	15 to 23 16 53	11L	30	E 0:18 to		Sull Lee					f	
3236 Σ1785	13 44 27 29	24 May	9 28 9 41	4L 5L	12 12	E0:03 W0:09	2 3 2	Sull St		11.8	172.0		v.p.	
~~3237~~ WB 13h 241	13 15 35 36	27 May	~~8 40~~ 8 ~~8 54~~	6L 7L	12 12	E0:10 W0:04	3 3 1	Sull Lee	V. Thick	11.8	171.8		Rejected.	
3237 Σ1785	13 44 27 29	" "	9 17 9 30	5L 6L	12 12	E0:04 W0:09	3 3 2	Sull Lee					g.	
3238 B.C.C.6842	14 18 8 54	"	9 49 10:00	9R 10R	10 10	E0:06 W0:05	2	Sull Lee					f.	N. π *

N.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star	Exposure Time	Hour Angle.	Positic Telesc. op	Definit	Steadi	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
			1917															
3239	ϕ612	13 35 11 12	June 3	~~7-58~~ 8 14	~~8L 15~~ 9L	~~E0:41~~ 16 ± E 0:26		W	3	3	1	Hull Lee	Clouds passing all hour time	16.9	172.8		1 f.	Has strong image of right sector
3240	N.G.C. 6811	19 56 46 23	" "	12 43 13 to 44	9L	100	E 2:34 E 0:57				2	Hull Lee	Cloudy				f.	

On June 4. 1917 was found what seems to be a fundamental cause for certain outstanding values of the solution m in some of the recent series of parallax plates that Miss Steele and I have measured e.g. T T Aurigae $5^h 3^m$ and 2 Andromedae $22^h 58^m$. The present distance from the sector to the plates is 140 mm, with the old regular plate base it was 100 mm. The diameter of the cone in the two cases is 7 mm and 5 mm respectively. It is certain that on both the recent and on older plates there have been cases where the stationary parts of the sector have intercepted a part of the cone of light or where the the cone has intended beyond the edges of the sector.

Rules for all Fields for which the sector is used.

1. Test every Field from now on to see that the star image falls within the "zone of safety" for both exposures.
2. Mark the Observing Card to show that the Field has been checked. X O.K. | * Corrected.
3. Shift the guiding eye piece only ⅓ to ½ a division between exposures.
4. Keep the rate of the clock small, say to a drift of 2-3 mm for a 10^m exposure.

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π	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope. Definition	Steadiness	Transparency	Observers Initials.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917.														
3241	B.D. 36° 2525	14 42 36 25	June 6	9 28 9 42	7L 8L	12 12	E 0 09 W 0 05	W	2	3	2	Sull St.	High Wind. Passing Clouds.	14.5	172.5		g	
3242	Σ1785	13-44 27-29	June 10	8 44 8 55	5L 5½L	10 10	W 0:21 W 0:31		3	3	3	Sull St		21.3	173.5		g	π shows both components.
3243	BD 36° 2525	14 42 36 25	"	9 18 9 30	7L 8L	10 10	E 0:01 W 0:09					Sull St					ff	
3244	Oxford 44446	15 3 25 15	"	10 11 10 25	6R 7R	12 12	W 0:30 W 0:42					Sull St					p	elongated.
3245	NGC. 6631	18 23 -12 5	"	11 to 20 13 00	6L	100	E 1:40 to 0 :00					Sull St.					f	
3246	NGC 6775	19 13 -1 4	"	13 to 22 15 50	4R	88	E 0:25 to W 1:04	2+ to 2-				Sull St	After about 15 m definition became gradually poorer				g	
3247	44i Bootis	15 1 47 59	13 June	9 22 9 36	4L 4½L	15 13	E 0:07 W 0:05	2	3	2		Sull St	Clouds.	17.6	173		fp	
3248	ε Cygni	20 42 33 36	"	14 30 14 38	8L 8½L	7 7	E 0:41 E 0:32	2-	3	3		Sull St.		12.9	172.1		f	
3249	Lal 40728	20 57 40 2	"	14 57 15 07	2½L 3L	10 10	E 0:28 E 0:16					Sull St					f	
3250	Σ1785	13 44 27 29	17 June	8 20 8 32	5L 5½L	10 10	W 0:25 W 0:35	3	3	2		Sull St	Clouds and thick	19.4	172.5		n.g. one comparison star n.g.	
3251	0Σ298	15 32 40 8	"	9 08 9 21	5.3L 5.7L	15 13	E 0:35 E 0:23					Sull St					lg	elongated.

N.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917.															
3252	W.B. 15h 1323	15 55 28 1	17 June	9 42 9 53	3 R 3.5 R	10 10	E0:23 E0:13	W	3	3	3	Sull St		H			g	
3253	M13	16 39 36 37	"	10 07 11 10	6 L	63	E0:40 W0:23		3½ 2			Sull St	Thick				fr	(weak)
3254	ε Cygni	20 42 33 36	"	14 40 14 50	8 L 8.5 L	8 8	E0:11 E0:04		3		2	Sull St					g	
3255	Lal 40728	20 56 40 02	"	15 09 15 18	2.5 L 3 L	8 8	W0:04 W0:11					Sull St					g	
3256	B.G.C. 10289	20 27 -10 12	19 June	14 20 14 28	10 L 10.5 L	6 6	E0:12 E0:04		3	3	3	Sull St		14.5	172.5		g	
3257	Lal 40728	20 56 40 2	"	14 49 14 58	2.5 L 3 L	8 8	E0:11 E0:01					Sull St					g	
3258	7 Cygni	21 25 46 6	"	15 18 15 23	0 0.5 R	4 4	E0:12 E0:06					Sull St					g	
3259	44i Boötes	15 1 47 59	20 June	8 59 9 9	4 L 4.5 L	12 12	E0:09 W0:06		2-	3	3	Sull St		17.0	173.0		fr	
3260	ε Cygni	20 42 33 36	21 June	14 24 14 32	8 L 8.5 L	6 6	E0:15 E0:08		3	3	4	Sull St		16.5	172.2		g	
3261	Lal 40844	21 1 +6 43	"	14 48 14 58	7 R 8 R	8 8	E0:09 0:00					Sull St					g	
3262	7 Cygni	21 25 46 6	"	15:14 15:20	0 0.5 R	4 4	E0:08 E0:03					Sull St					g	

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Posit. Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3263	W.B. 15h 1323	15 55 28 1	24 June	9:30		3 R 3.5 R	15 15	E 0:07		W	2 3 2	Sull St	Clouds	18.2	173.1			1 f.
3264	Lal 40844	21 1 6 44	26 June	14 22 14 31		7 R 8 R	8 8	E 0:16 E 0:07			3 3 3-1	Sull Lee	Clear Clouds	18.6	173.1			f.
3265	71 g Cygni	21 26 46 6	" "	14 48 14 53	0 0.5 L	4 4		E 0:14 E 0:09				Sull Lee	Clouds.					f.
3266	Lal 41746	21 21 46 19	28 June	14 32 14 43	9 L 9.5 L	10 10		E 0:19 E 0:08			2 3	Sull St	Heavy fog.	16.0.	172.5	C.99 9384		g.
3267	Orf 44446	15 4 25 15	1 July	8 33 8 46	6 R 7 R	12 10		W 0.19 W 0:31			2 3 3	Sull Lee	Clear	22.5	173.7			f
3268	W.B. 16h 401	16 24 3 29	"	9 15 9 26	4 3 L	10 10		E 0:30 E 0:20			2	Sull Lee.						g.
3269	M Draco.	17 4 54 34	"	10 21 10 29	1 L 1.3 L	8 8		E 0:02 W 0:07				Sull Lee						g.
3270	Barnard P.M.	17 54 4 27	"	10 46 10 57	8 R 9 R	5 5		E 0:28 E 0:22				Sull Lee.						g.
3271	Ks 3	18 33 +7 28	"	11 03 12 03	9 R	60		E 0:50 W 0:10				Sull Lee						g
3272	N.G.C. 6866	20 1 43 46	"	12 13 13 33		30		E 1:07 W 0:13				Sull Lee St.						g
3273	Lal 40844	21 1 6 44	"	13 50 14 01	7 R 8 R	10 10		E 0:26 E 0:15			2	Sull St			25:93			g.

		R.A.	Dec.		Mid. Star.	Exposure Time.	Hour Angle.	Opposite Clock Star.	Interval	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917												
3274	Lal 41746	21 46	21 19	1 July	14 20 14 29	9L 9.5L	7 7	E0:17 E0:10		W 2-2-3 Sull St					g.	
3275	71 g Cygni	21 46	25 6	"	14 43 14 48	0 0.5R	5 5	W0:04 W0:06		Sull St.					g.	
3276	71 g Cygni	21 46	26 6	3 July	14 15 14 20	0.4L 0.8	4 4	E0:19 E0:14		Sull Lee. 3 3 3	Clear.	15	1726		g.	Mr. Pettit in the Dome.
3277	K 41	21 45	50 1	"	14 29 14 59	6R	30	E0:30 0:00		Sull Lee					g.	
3278	ζ Cephei	22 64	1 11	"	14 15 14 24	0 0.4L	8 8	W0:07 W0:16		Sull Lee					g.	
3279	β Pegasi	22 29	59 32	"	15 43 15 49	6R 6.5R	6 6	E0:24 E0:18		Sull Lee Pettit 2nd					f	
3280	Lal 29330	16 +10	1 57	4 July	8:57 9:17 9:30	1R 1.5R 2R	~~10~~ 12 12 12	E0:01 W0:11 W0:22		2-3 2 Sull St	Clouds	19.4	173.3		p.	Trouble with motor stopping during 1st exp.
3281	WB 16h 1400	16 3	24 29	8 "	9 25 9 36	3½R 4	10 10	W0:10 W0:21		2 3 3 VB Sull		25.3	174.3		1g.	Thin clouds during 1st exp.
3282	77 x Herc	17 48	24 20	"	10 2 10 11	1R 1½	8 8	E0.12 E0.01		2 3 4 VB Sull					g.	
3283	99 Herc	18 30	4 33	"	10 43 10 54	2L 1½	10 10	E0.10 W0.01		2 2 3 VB Sull					g.	
3284	K 8 3	18 +7	33 28	"	11 41	¼R	60	W0.19		2 2 2 VB Sull					g.	

22 II.

	Star.	R. A. / Decl.	Date.	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Position Telescope.	Definition	Steadiness	Transparency	Observers Initials	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3285	δ Cygni	19 43 44 57	8 July	12 32 12 40		I 11.0 11.4	7 7	W 0:01 W 0.09	W	3	3	3	Sull				g	
3286	Ks 9	21 4 44 21	"	13 05 14 035		I 10	58.5	E0:47 W0:10		3	4	3	Sull St				g.	
3287	Off 24° 7451	21 40 24 56	"	14 32 14 47		0.5I 1I	15 15	W0:03 W0:18					Sull St.				g.	
3288	P.D. 13° 5006	22 47 +3 31	"	15 15 15 27		6 R 7 R	10 10	E0:17 E0:05					Sull St				Wrong field.	
3289	3 Pegasi	22 59 27 32	"	15 51 16 00		6R 6.5R	8 8	W0:03 W0:13			3		Sull St				g.	
3290	ξ Cephei	22 1 64 11	10 July	14 37 14 51		0 0.4I	12 12	E0:11 W0:09		2	3	2	Sull St	Clouds at first.	15.5	172.7	f weak	
3291	Kruger 60	22 25 57 20	"	15 10 15 17		11 R 11.5R	5 5	W0:04 W0:00					Sull St.	Clouds			f weak	
3292	WB. 16h 400	16 24 +3 29	15 July	8 35 8 51		3.5R 4R	12 12	E0:11 W0:05		24	3	3	Sull St	Clouds	23.6 ~~17.9~~	173.9 ~~173.0~~	g-f	
3293	ξ Hercl.	16 38 31 44	"	9 11 9 20		4I 4.5I	8 8	W0:13 W0:21					~~Sull~~ St				f	
3294	77 Herc	17 24 48 20	"	9 48 9 56		1R 1.5R	9 9	W0:01 W0:10		3			Sull St				1 f (weak)	
3295	Barnard's ~~Star~~	17 54 +4 27	"	10 15 10 24		1I 2I	8 8	~~E~~0:00 ~~W~~0:08					Sull St.	Clouds.			f	

22 H.	Star.	R. A. Dec.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope.	Definition	Steadiness	Transparency	Observers Initials.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917														
3296	Lal 42128	21 33 −2 45	15 July		13 56 14 9	R 6 R 6½	11 11	E 0.05 W 0.08	W	2	2	1	VB Sull				f	
~~3297~~	μ Cygni	21 40 28 10	"		14 35 45	R 4 5	10 8	W 0:28 :38		3	3	1	VB Sull	Morning fog!			Reject	
3297	ζ Herculis	16 38 31 44	18 July		8 31 40	L 4 L 4½	8 8	E 0:15 E 0:06	W	3	3	3	VB Sull	Clear	22.4	173.8	g	
3298	77 x Herc	16 24 48 20	"		8 58 9 8	R 1 R 1½	8 8	E 0:35 E 0:24		3	3	3	VB Sull				g	
3299	K 37	17 49 45 0	"		9 27-10.02	3 L	35	E 0:20		3	3	3	VB Sull				Vg	
3300	Kruger 60	22 25 57 20	"		14 22 14 28	11 R 11.5 R	4 4	E 0:10 E 0:07		3	3	3	Sull St		19.5	173.3	Vg	
3301	NGC. 7654	23 20 61 3	"		2 45 to 3 45	2 R	60	E 0:45 to W 0:15					Sull St				Vg	
3302	W.B. 22h 82	22 6 +22 15	19 July		14 25 14 36	0 L 1 L	10 10	W 0:15 W 0:25		3	3	2	VB Sull	Clear	22.0	173.8	g	
3303	2 Androm.	22 58 +42 16	"		15 4 15 10	6 R 6½ R	6 6	W 0:00 W 0:07					VB Sull				g	
3304	0 Σ 536	22 54 8 54	"		15 33	7 L	15	W 0:36		3	2	1	VB Sull	Clouds			f	Sector stops!

T.	Star.	R. A. / Decl	Date.	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Position Telescope. / Definition / Steadiness	Transparency	Observers Initials.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917													
3305	Kruger 60	22 25 / 57 20	24 July	14 24 / 14 32	11 / 11	6 R / 3	W 0:13 / W 0:20	W	2	3 1	Sull St	Very thick.	20.4	173.5		g
3306	α Ophiuchi	17 30 / +12° 38'	25 July	9 09 / 9 16	8 R / 8½	6 / 6	E 0:05 / W 0:02	W	2	2 2	VB Sull	Clearing	27.0	174.7		N.G. π too faint.
3307	99 Herc	18 4 / +30 33	"	9 37 / 9 49	1½ L / 2 L	10 / 10	E 0:10 / W 0:02		3	2 1	VB Sull	Thick!				f
3308	2 Andr	22 58 / 42 16	"	14 30 / 14 43	6 / 6½ R	12 / 12	E 0:10 / W 0:03		2	2 1	Sull St	Thick	22.6	173.8		g
3309	BGC 12608	23 47 / 74 59	"	15 24 / 15 34	4 / 4½ R	17 / 15	E 0:12 / W 0:05				Sull St					f
3310	2 Androm.	22 58 / 12 16	26 July	14 27 / 33	6 R / 6½	6 / 6	E 0:11 / W 0:05		4	4 3	VB Sull	Clear	25.°7	173.4		Vg Clouds during 2d expos. -
3311	ζ Herc	16 38 / 31 44	29 July	8 14 / 8 23	5 L / 5½ L	8 / 8	W 0:08 / W 0:18		3	2 2+	Sull St		29.6	1.75		f
3312	α Ophiuchi	17 30 / +12 37	"	8 40 / 8 47	8 R / 8½ R	6 / 6	E 0:17 / E 0:09				Sull ST					f
3313	Barnard's	17 54 / +4 27	"	9 03 / 9 10	1 L / 2 L	6 / 6	E 0:15 / E 0:09				Sull St					g
3314	φ Draconis	18 22 / 71 17	"	9 39 / 9 46	9 / 9½ L	12 / 12	E 0:14 / E 0:01			3 3	Sull St					g (π large)
3315	β Lyrae	18 46 / 33 15	"	10 08 / 10 17	1 / 1½ L	8 / 8	E 0:05 / W 0:05				Sull St					f

No.	Star.	R. A. / Decl	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope. / Definition / Steadiness / Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917							Clear					
3316	NGC 7281	22 57 / 22 25	29 July	11 35 / 12 35	50R	60	E 2:10 / W 1:10	W						g	wrong guiding star.?
3317	Nova (Ritchey's)	20 59 / 34 50	"	12 57 / 13 57	11 L	60	W 1:05 / E 2:05	E	3 3 3		26.5	174.5			Nova nearly in center. Finish: 8h11m 62nd star 3m
3318	OΣ536	22 54 / +8 54	"	14 30 / 14 44	5 L / 8 L	12 / 12	W 0:11 / W 0:25	W	3 3 2					g	
3319	α Pegasi	23 0 / +14 40	"	15 11 / 15 25	11½ L / 11½ L	8 / 8	W 0:44 / W 0:58							f	Clock slow. Rated after 12th capture.
															Same plate.
~~3319~~	x near (380	23 14 / +4 56	"	15 50	3R	6	W 1:10							Reject	Sky very bright!
3320	β Pegasi	22 59 / 27 32	July 31	14 28 / 14 37	6 / 6½R	10 / 10	W 0:05 / W 0:18	2-3	2 2	Clouds	25.6	174.4		f (weak)	Clocks slow.
3321	α Pegasi	22 59 / +14 40	"	14 58 / 15 10	11¼ / 11¼	10 / 10	W 0:39 / W 0:50		3					g	
3322	85° 3025	17 23 / +31 8	Aug. 1	8 16 / 8 25	2½ R / 3 R	8 / 8	E 0:23 / E 0:14	3	3 2		25.4	174.3		g	Danger from axis
3323	B.G.C. 8038	17 25 / −0° 59'	"	8 40 / 8 49	5 R / 5½ R	8 / 8	E 0:01 / W 0:08	3	2 1	Light clouds!				f	(weak)
															Short interruption by clouds.
3324	ζ Ophiuchi	17 30 / +12 38	"	9 9 / 9 16	8 R / 8½ R	6 / 6	W 0:25 / W 0:32	3	2 2					g	
3325	β Ophiuchi	17 39 / +4 36	"	9 39 / 9 52	9 L / 9½	12 / 12	W 0:43 / W 0:56	2	2 2					f	(weak)

22 T.	Star.	R. A. Decl	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917														
3326	BGC 12608	23 47 74 59	Aug 1		14 44 14 56	4 4½ R	10 10	E0:19 E0:05	W	3	3	3	Succ St	20.8	173.6		g	too near apis.
3327	K20	0 41 45 24	"		15 to 12 16 04	32	52	E0:40 to W0:12					Sucll St				g	
3328	2 Androm.	22 58 42 16	Aug. 2		14 14 14 20	6 R 6½ R	6 6	W0:05 W0:14	W	3	2	2	VB Sucll	20°2	173°4		Vg	may be too near apis.
3329	* near BGC 12290	23 14 +4 56	"		14 39 14 50	2½ R 3	10 10	W 0:16 W 0:27					VB Sucll				f (weak).	
3330	η Cassiop.	0 43 57 17	"		15 16 15 22	1 L 1½ L	5 5	E 0:31 E 0:25					VB Sucll				Vg	
3331	Andr. PM. *	0 46 57 50	"		15 49 16 0	1 R 1½ R	10 10	E 0:05 W 0:06					VB Sucll				Vg	
3332	BGC 12608	23 47 74 59	Aug. 5		14 13 14 24	3 R 3½ R	10 10	E 0:35 E 0:24	W	3	3	3	VB Sucll	21.2	173.6		Vg	
3333	Androm. Neb	0 37 40 19	"		14 to 39 15 9	3 L	30	E 0:58 to 0:28		2	3	3	VB Sucll				Vg	
3334	K 20	0 40 45 24	"		to 15 18 15 54	3 L	36	E 0:23 W 0:13		2	2	2	VB Sucll				g	
3335	θ Cassiop.	1 5 54 40	"		16 7 16 16	5 R 5½ R	8 8	W 0:03 W 0:12		3	2	2	VB Sucll				f	
3336	ζ Ophiuchi	17 31 +12 37	Aug. 8		8 28 8 37	8 R 8½ R	8 8	W 0:10 W 0:19		2	2	2	VB Sucll	18.6	173.6		f	

π	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope / Definition / Steadiness / Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917											
	3337	Barn. P.M.*	17h 54m / +4° 27′	Aug. 8	8 52 / 8 59	1L / 1½	6 / 6	W 0:10 / W 0:17	W 2 2 2				VB Sull	f-/	weak.
	3338	λ Lyrae	18 34 / 38 42	"	9 28 / 9 33	2L / 2½	6-8 / 6	E 0:03 / W 0:08	2 2 1				Sull VB	p	Clouds during 1st expos.
	3339	Andron Neb	0 37 / 40 19	"	15 00 to 15 38	3L	38	E 0:32 to W 0:06	3 2 2	Passing clouds part of time.	16.6	172.7		g	Fine Aurora! β Lyrae thru clouds on same plate.
	3340	ε Cass	1 48 / 63 14	"	16 13 / 16 18	1L / ½L	5 / 5	E 0:20 / E 0:13					Sull St	f	
	3341	Andr. Neb	0 37 / 40 19	Aug. 14	14 to 31 / 15 06	3L	35	E 0:30 to W 0:05	3 2 2		18.9	173.3	Sull St	g	Clock driving slow.
	3342	O Cass	1 5 / 54 40	"	15 26 / 15 37	5 / 5½R	10 / 10	W 0:02 / W 0:08					Sull St	g	"
	3343	B.D. 15° 280	1 51 / +15 35	"	16 04 / 16 27	2L / 2½L	20 / 20	E 0:10 / W 0:10	3	Heavy clouds + fog.			Sull St	f	"
	3344	Barn. p.m. Star	17 54 / +4 27	Aug. 15	7 51 / 7 57	1 L / 1½ L	5 / 5	E 0:23 / E 0:17	3 3 3		26.0	174.3	VB Sull	f	elongated.
	3345	99 Herc.	18 4 / +30 33	"	8 14 / 8 23	1½ L / 2 L	8 / 8	E 0:10 / E 0:01	4 4 3				VB Sull	Vg	π near axis of sector.
	3346	φ Draconis	18 22 / +71 17	"	8 42 / 8 53	9 L / 9½ L	10 / 10	E 0:01 / W 0:10	4 4 4				VB Sull	g	π out from under sector?
	3347	K 20	0 40 / 45 24	"	14 to 20 / 14 05	3L	45	E 0:40 to	4 4 3-		22.0	173.7	Sull St	g	

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope.	Definity	Steadiness	Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3348	NGC 869	2 14 56 48	Aug 15	15 to 27 16 to 37	6	60	E 4:05 E 0:05	W	3	4	3-	Sull St					f wisp	
3349	η Cass.	0 43 +57 17	Aug. 16	14 16 24	1 L 1½ L	6 6	E 0:43 E 0:35	W	3	2	2	VB Sull		16.0	172.8		f	exposure?
3350	K21	1 36 +45 7	"	14 4½ to 15 21	6½ L	40	E 1:07½ to E 0:27		3	2	3.	VB Sull					f	No star at E. Need 6½ L
3351	NGC 869	2 14 56 48	"	15 to 28 16 to 28	6 L	60	E 1:01 E to 0:01		3	3	4	VB Sull					g	
3352	Barn. p.m.x	17 54 4 27	Aug. 22	7 45 7 52	1 L 1½	5 5	E 0:02 W 0:05	W	2	2	2	VB Sull		22.0	173.8		elongated	
3353	α Lyrae	18 34 38 42	"	8 05 8 10	2 L 2½ L	4 4	E 0:22 E 0:17		3	3	2	VB Sull					g	
3354	Nova Ritchey	20 34 59 50	"	8 to 31 10 to 41	9 L	130 m	E 1:55 to W 0:15		3	2	2	VB Sull						
3355	η Cass	0 43 57 17	"	14 30 14 42	1 1½ L	10 10	E 0:05 W 0:05		2	3	2-	Sull St		20.0	173.4		g-f	
3356	ε Cass	1 48 63 47	"	15 6 15 18	1 1½ L	10 10	E 0:33 E 0:15					Sull St					f wrong guiding star	
3357	BGC 8038	17 25 -0 59	Aug 26	7 35 7 47	5 5½ R	10 10	W 0:33 W 0:44		2	2	1	Sull St	Thin Clouds	24.0	174.2		f	
3358	δ Cygni	19 43 44 57	"	8 37 8 49	11 11.4 L	10 10	E 0:41 E 0:29				2	Sull St					g	

H.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time	Hour Angle.	Positio Telesc.	Definit	Stead	Transp	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917														
3359	17 Cygni	19 43 / 33 30	Aug 26		9 06 / 9 12	1 / 1½	R 5 / 5	E 0:14 / E 0:05	W	2	2 2	Sull St					f	
3360	ζ Sag.	19 45 / 18 53	"		9 26 / 9 32	3 / 3½	L 5 / 5	W 0:05 / W 0:11				Sull St					g	
3361	ε Cygni	20 42 / 33 36	"		9 47	8 / 8½	L 8 / 8	E 0:32				Sull St	Thin clouds.				g	
3362	π Cephei	23 5 / 74 58	"		13 03 / 13 12	2½ / 3	L 8 / L 8	W 0:24 / W 0:33	W	2	2 2	VB Sull	Clear	19.8	173.4		g	
3363	85 Pegasi	23 57 / +26° 37	"		13 38 / 13 54	½ / 1	L 15 / L 15	W 0:07 / W 0:23		2	2 1	VB Sull					g	
3364	Ann. P.M.	0 46 / +57 50	"		14 20 / 14 32	1 / 1½	R 11 / R 12	E 0:01 / W 0:11		2	2 1	VB Sull	Haze				g	
3365	ε Cass.	1 48 / +63 44	"		14 53 / 15 0	4 / 4½	L 6 / L 6	E 0:30 / E 0:23		2	2 2	VB Sull					f	
3366	Nrs. min	1 27 / +88 50	"		15 31 / 15 43	11 / 11½	R 10 / R 10	W 0:20 / W 0:33		2	2 2	VB Sull					f	
3367	o Ceti	2 15 / −3 22	"		16 07 / 16 20	5 / 5½	R 12 / R 12	W 0:17 / W 0:30		2	2 2	VB Sull					f	Tee D 40 – Table 1 est. 9m
3368	P. M. near wandr.	4 12 / 43 56	Aug 28		14 44 / 15 51	180°	11 R 67	E 0:53 / W 0:14				Park.					g elong.	
3369	99 Herculis	18 4 / 30 33	Aug. 29		7 38 / 7 47	½ / 1	R 8 / R 8	W 0:11 / W 0:20	W	3	2 3	VB Sull		17.0	172.9		f·g	

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N.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive / Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		18h 54m	1917	8.04	10 R	10	E 0:15					VB						
3370	β 648	+32° 48′	Aug. 29	8.15	10½ R	10	E 0:04	W	2	2	3	Sull					g	
		19 8		8.40	2 L	6	W 0:08					VB						
3371	BGC 9114	38 37	"	8.47	2½ L	6	W 0:15		2	2	2	Sull					g	Tweak Sector danger?
		19 45		9:00	3 L	3	E 0:10					VB						
3372	ζ Sagitt.	-18 53	"	9:04	3½ L	3	E 0:06		2	2	2	Sull					g	
		20 3		9:22	10¾ R	8	E 0:06					VB						
3373	b Cygni	+35 42	"	9.32	11¼ R	8	W 0:04		2	1	2	Sull					f	Sector danger?
		20 42		9:53	8 L	6	E 0:15					VB						
3374	ε Cygni	33 36	"	10:00	8½ L	6	E 0:08		2	2	2	Sull					f	Another grainy star used because two near axis × instead of ⊙ all right
		21 11		10 24	3½ R	4	E 0:11					VB						
3375	τ Cygni	37 40	"	10 29	4 R	4	E 0:06		2	2	2	Sull					f	
		21 11		10 37	4 R	4	W 0:01					VB						
3376	τ Cygni	37 40	"	10 42	3½ R	4	W 0:07	W	2	2	2	Sull					f	
		20 34		11 05			W 1:05					VB						
3377	Var. Cph.	59 45	"	11 50	3 R	45	1.50	E	2	2	2	Sull					f	
		23 57		13:00	0 L	15	E 0:22					VB						
3378	85 Peg.	+26 37	"	13:17	1 L	15	E 0:05	W	2	2	2	Sull					f-f	
		1 5		14 26	5 L	9	W 0:02					Sull						
3379	θ Cass	54 40	Aug 30	14 35	5½ R	9	W 0:09		2	2	2	St		15.5	172.7		f	
		1 48		14 58	4 L	8	E 0:10					Sull						
3380	ε Cass.	63 14	"	15 09	4½ L	8	W 0:01					St					f-	

No.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope	Definity	Steadi	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3381	α Lyrae	18 34 / 38 42	Sept 2	7:21 / 7:27	2 / 2½	4 / 6	E 0:21 / E 0:17	W	2	2	2	Sull St	Thick	21	173.4		f-p	
3382	β Lyrae	18 46 / 33 15	"	7:53 / 8 19	1 / 1½	10 / 10	E 0:03 / W 0:19					Sull St					p	kept
3383	δ Cygni	19 43 / 44 57	"	8 29 / 8 38	11 / 11½	8 / 8	E 0:21 / E 0:15		2			Sull St					f	
3384	b' Cygni	20 3 / 35 42	"	8 57 / 9 07	10¾ / 11¼ R	8 / 8	E 0:15 / E 0:04		2			Sull St	Thin Clouds				g-p	
3385	BD 26° 3867	20 16 / 27 0	"	9 27 / 9 36	3 / 3½ R	8 / 8	W 0:04 / W 0:10					Sull St					f	π off center.
3386	ε Cygni	20 42 / 33 36	"	19 54 / 10 03	8 / 8½	8 / 8	W 0:03 / W 0:10					Sull St					f-p	
3387	NGC 7380	22 44 / 57 40	"	10 to 31 / 12 11	7R	100	E 1:20 to W 0:20		3 2			Sull St.					p	
3388	π Cephei	23 5 / 74 59	"	12 30 / 12 39	2½ C / 3 C	8 / 8	W 0:14 / W 0:23	W	3	2	1	VB Sull					f	
3389	85 Pegasi	23 57 / +26 37	"	13:2 / 13:19	0 R / ½	15 / 15	E 0:06 / W 0:11					VB Sull	Thin clouds				f	
3390	θ Cass.	1 6 / 54 40	"	14:01 / 14:15	5 R / 5½ R	8 / 8	E 0:15 / E 0:01					VB Sull	" "				f	Sept D 30. 4=4!
3391	α Ursae min	1 27 / 88° 50	"	14:44 / :52	9½ C / 10 C	8 / 6	W 0:08 / W 0:16		2	2	2	VB Sull					p	4=14

N.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope Definite	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917														
3392	o Ceti	2h 15m −3° 22′	Sept. 2	15:20 15:42	5	5 R 5½ R	20 20	E 0:04 W 0:18	W	3	2	1	VB Sull			f	Sept 40
3393	γ Ceti	2 39 +2 50	"	16:06 16:17	3½	4 R	10 10	W 0:18 W 0:29		3	2	2	VB Sull			g	
~~3394~~	~~BD 75°154~~	~~3 50 75 56~~	"	16 38 16 47	3½	4 C	6-8 4-6	E 0:23 E 0:12		2	2	1	VB Sull	Thin clouds			Broken
3394	β Arietis	1 49 +20 19	Sept 8	14 37 14 53	8	8½ R	12 12	W 0:04 W 0:17		2	2	2½ 1	Sull St	Thick & Clouds.	13.9	172.5	f g
3395	BD 75°154	3 49 75 55	"	16 36 16 46	3½	4 L	8 8	W 0:01 W 0:11					Sull St				f g
3396	α Urs. min	1 26 88 50	Sept. 9	14 24 14 38	9½	10	10 8	W 0:18 W 0:32		1	2	3	VB Sull		09	171.5	f g
3397	BD −17°529	2 41 −16 50	"	15 10 15 19	2	2½ R	8 8	E 0:10 E 0:01		2	2	3	VB Sull				fr g	Clouds during 2d exp. only 2 comp. stars.
3398	γ Ceti	2 39 2 50	Sept 15	14 40 14 55	4	4½ R	15 15	E 0:15 E 0:01		2	2	2	Sull St		17	172	g	Clock fast.
3399	BD 30°516	3 11 30 42	"	15 29 15 43	1	1½ L	12 12	W 0:01 W 0:13				1	Sull St				fr elong
3400	BD 75°154	3 49 75 55	"	16 09 16 19	3½	4 L	8 8	W 0:01 W 0:10					Sull St				g
3401	8 Tauri	4 30 +16 19	"	16 41 16 55	10	10½ R	12 12	E 0:06 W 0:07					Sull St				Vfr

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope	Definition	Steadiness	Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917															
3402	85 Pegasi	23h 58m +26° 40'	Sept 16	12 33 12 54		0 R 20 ½ R 20	W 0:19 W 0:39	W	3	2	2	VB Sull		20.0	173.4	g		
3403	PM x near W Andr	2 13 43 54	"	13 to 25 14 to 36		8 R 71	E 1:00 W 0:11		3	2	1	VB Sull				g		
3404	γ Ceti	2 39 +2 50	"	14 54 15 5		4 7 10 4½ 10	W 0:02 W 0:13		4	3	1	VB Sull				g		Fog!
3405	BD 30° 516	3 11 +30 42	"	15 23 15 31		1 I 6 1½ I 6	W 0:01 W 0:09		4	3	1	VB Sull				p elong		"
3406	BD 75° 154	3 50 75 56	"	15 48 15 55		3½ I 6 4 I 6	E 0:16 E 0:09		4	3	2	VB Sull				vg		
3407	BAC 2007	3 58 39 17	"	16 14 16 26		1 R 12 ½ R 10	W 0:04 W 0:16		4	3	2	VB Sull				f-p		
3408	0² Eridani	4 11 − 7 48	"	16 55		1 I 18	W 0:31		4	3	2	VB						Experiment. No scale
3409	PM star near W Androm	2 12 +43 54	18	13 35 14 to 30		8 R 55	E 0:43 W 0:12	H	4	3	4	AHF		+17.0	173.0	CJ 9 9384	g	
3410	O Ceti	2 14 −3 22	Sept 20	14 55		4½ R	E 0:16		1	2	2	Sull St	Clouds	12.0	172.1	p		
3411	O Ceti	2 14 −3 22	Sept 22	14 36 14 59		4½ R 6 R	E 0:27 W 0:56		1	2	2	Sull St	Haze.	12.0	172.1	p		
3412	b Cygni	20 3 35 42	Sept 23	7 46 7 58		10¾ R 11¼ R	E 0:03 W 0:10					Sull St		17.0	173.0	f f		

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Positic Telesc of Definit	Stead di	Transpar	Observers Init.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917						W							
3413	8 Cephei	22 1 64 11	Sept 23		9 13 9 26	0 ½ L	12 12	E0:34 E0:20			t/1 2 2				Sull St	f	
3414	85 Pegasi	23 57 26 37	"		11 54 12 16	0 ½ R	20	W0:12 W0:33			3 2 2				Sull VB	g-f	
3415	NGC 869	2 14 56 48	"		12 42 to 14 2	6L	80	E1:16 W0:04			3 3 2				VB Sull	h (coral)	
3416	Ks 15	0 33 52 33	"		14 10 to 15 30	5R	80	E1:08 W0:12			3 2 2				VB Sull	g	
3417	BD 22°583	8 45 22° 26	"		15 52 16 5	7 R 7½ R	12 12	W0:22 W0:35			4 3 2				VB Sull	g-f	
3418	ℓ Tauri	4 30 16 19	"		16 26 16 37	10 R 10½ R	10 10	W0:10 W0:21			3 3 1				VB Sull	g-h	
3419	ℓ Tauri	4 30 16 19	"		16 50 17 1	10½ R 10 R	10 10	W0:33 W0:44			4 3 1				VB Sull	g-h	
3420	BGC 2154	4 19 14 53	27 Sept		16 14 16 24	9 9½ L	8 8	W0:27 W0:37			1 2 2		11.4	171.7	Sull St	vg	
3421	81 π² Cygni	21 43 48 51	30 Sept		8 59 9 07	7 7½ L	6 6	E0:02 W0:05			3 3 2		10	171.7	Sull St	f	
3422	Kruger 60	22 25 57 20	"		9 22 9 28	11 11½ R	4 4	E0:21 E0:15			3				Sull St	f	
3423	OΣ536	22 54 +8 54	"		9 49 10 05	7½ L 8	15 15	E0:23 E0:06			t/o 2 2				Sull St	f	Definition very Bad during 2nd exp.

T.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telescop Definit Steadi	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917												
3424	n.G.C. 110	0 23 71 0	Sept 30	10h 37 11 18		3R 40	E 1:02 E 0:22	W	3 3 3	Sull St					g	
3425	n.G.C. 654	1 37 61 29	"	11h 29 12 29		5R 60	E 1:25 E 0:26			Sull St					f	
3426	NGC 957	2 28 57 10	"	12h 46 13h 46		4L 60	E 0:59 W 0:02		3 3 3	VanB Sull					l	
3427	K 23	3 39 45 4	"	13h 56 14h 36		5L 40	E 1:01 E 0:21		3 3 3	VanB Sull					g	
3428	BD 22° 583	34 45 22 26	"	14 52 15 7		7 R 12 7½ 12	E 0:14 W 0:01		3 3 3	VanB Sull					f	
3429	NGC 2134	4 15 16 21	"	15 36 15 58		1 R 20 1½ R 20	W 0:05 W 0:27		3 3 3	VanB Sull					fp	guiding x very faint. C!
3430	α Tauri	4 30 16 19	"	16 21 15 32		10 R 8 10½ 8	W 0:33 0:42		2 2 3	VanB Sull					p	guiding difficult.
3431	δ Aurigæ	5 52 54 16	"	16 51 17 3		3 R 10 3½ 10	E 0:20 E 0:09		3 3 3	VanB Sull					gf	
3432	α Orionis	5 50 7 23	"	17 19 17 26		4 3½ L 7	W 0:10 W 0:18		3 3 3	VanB Sull					fp	
3433	ε Cygni	20 42 33 26	Oct. 5	19 35 19 44		8 L 6 8½ 6	E 0:09 0:00	W	3 2 2	VanB Sull		8.0	171.0		g	Clouds during part of 1st expo— and at end of 2d
3434	ξ Aquarii	22 24 −0 32	"	22 7 22 21		6 R 12 6½ 12	W 0:41 W 0:55		3 3 0	VanB Sull					g	

Star.	R. A. Decl.	Date.	C.S.T.	Guid Star.	Exposure Time.	Hour Angle.	Position Telescope Definit.	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			1917													
3435	BGC 2654	5h 14m −3° 11′	7 Oct	16 25 16 36	0 R ½	10 10	W 0:20 W 0:31	W	2	2 3	VanB Sull	2.2	170.4		f	Trail
3436	BD 21° 1079	5 56 +21 2	"	17 8 17 17	5 R 5½	8 8	W 0:22 W 0:31		1	1 3	VanB Sull				f	"
3437	α Aquilae	19 46 +8 38	24 Oct	5 55 6 2	8 R 8½	6 6	W 0:23 W 0:30	W	3	2 1	VanB "	4.8	170.7		f	Through ~~thin~~ clouds
3438	γ Delphi	20 42 15 46	31 Oct.	6 15 6 26	10 L 10½	10 11	W 0: 13 0: 24	W	3	2 1	VanB	−2.0	169.8		g	Sky thick! Snow flakes
3439	Sal 40728	20 56 40 2	4 Nov.	5 59 6 07	1½ L 2	8 8	W 0:01 W 0:10		4	4 3	VanB Stebb	12.0	173.1		g	
3440	Sal 40844	21 1 +6 43	"	6 24 35	7 8 R	8 8	W 0:23 W 0:33		3	3 3	VanB St.				vg	
3441	K42	22 49 45 12	"	7 to 00 8 09	2 L	69	E 0:50 W 0:19		2	3 2	Sull St.				g	
3442	α And.	0 3 28 35	"	8: 46 9: 02	4 R 4½	14 14	E 0: 18 E 0: 03		2	2 2	Sull St				f	
3443	η Cass	0 43 57 17	"	9: 28 9: 35	1 1½ L	6 6	E 0: 15 E 0: 10		2	2 2	Sull St	Thin clouds.			fr	
3444	N.G.C. 869	2 14 56 48	"	9 54 11 34	6 L	100	E 1: 18 W 0: 20		2	2 1	Sull St	Clouds thin out S.P.			fr	
3445	Sal 40728	20 57 40 2	8 Nov	5: 35 5: 45	1½ L 2 L	8 8	E 0: 05 W 0: 02		3	3 2	VanB St.		8.4	171.4		g

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star	Exposure Time	Hour Angle.	Position of Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917														
3446	71 g Cygni	21h 26m 46 6	8 Nov	6:00 6:05	3/4 L	4 4	E0:12 E0:07	W	3	2	2	VanB St					g	
3447	71 g Cygni	21 26 46 6	"	6:13 6:18	0.8 L 0.4 L	4 4	W0:02 W0:07		2	2	2	VanB St					g	
3448	Lal 40844	21 01 +6 43	"	6:31 6:40	7 R 7½ R	8 8	W 0:48 W0:55		3	3	2	VanB St					g	
3449	ε Peg.	21 39 +9 25	"	7:00 7:09	9½ 10 R	8 8	W0:35 W0:45		3	3	2	VanB St					g	
3450	2 Andr.	22 58 42 16	"	7:29 7:36	6½ 7 R	6 6	E0:12 E0:06		3	3	2	VanB St					g	
3451	2 Pegasi	22 59 14 40	"	7:56 8:05	11.0 L 11.4	8 8	W 0:10 W 0:20		3	3	2	VanB Sull					g	
3452	0Σ 547	0h 0m 45° 16'	"	8:35 8:44	2 R 2½ R	8 8	E0:10 E0:02		3	2	2	VanB Sull					f	Wrong guiding stars!
3453	NGC 869	2 14 56 48	"	8:58 10:28	GL	90	E1:59 E0:29		3	3	2	VanB Sull					g	
3454	χ Gem	6 32 +16 29	"	15:35 15:43	6 L 6½ L	5 5	W0:19 W0:25		4	3	2	Sull St		4.5	170.8		g	
3455	R Can Maj.	7 15 -16 14	"	16:07 16:17	3 L 3½ L	8 8	W0:08 W0:19		4	2	2	Sull St.					g	
3456	ψ² Canceri	8 5 25 47	"	16:46 16:58	10 L 10½ L	10 10	E0:01 W0:10		3	2	2	Sull St					ft	

II.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star	Exposure Time	Hour Angle.	Positive Reflex of	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
				1917														
3457	Fed 1457-8	9 8 53 7	8 Nov	17 ; 26	4L	14	E0:24	W	3	2	1	Sull St	fog				p	
3458	η Aquarii	22 32 -0 38	15 nov.	6 48 6 59	6 R 6½ R	8 8	E0:01 W0:11	W	3	3	1	Vom B St		+7.6	171.2		f	Haze
3459	β Pegasi	22 59 +27 32	"	7 20 7 31	6 R 6½ R	10 10	W0:02 W0:19		4	3	1	St Vom B					g	
3460	BD-8°6177	23 38 -8 27	"	7/8 55 9	6 L 6½ L	12 12	E0:02 W0:12		3	3	2	Vom B Sull					g	
3461	NGC 869	2 14 +56 48	"	8 to 25 9 55	6L	90	E2:05 to E0:35		3	3	2	Vom B Sull					p	
3462	Sirius	6 41 -16 35	"	15 9 15 18	7 R 7½ R	6 6	W0:13 W0:21		3	2	3	Sull St		+5.6	171.0		f	
3463	Procyon	7 34 +5 29	"	15 45 15 50	0 ½ L	4 4	E0:05 0:00		3	2	3	Sull St					vp	
3464	ψ² Canori	8 5 25 47	"	16 14 16 29	10 10½ L	15 15	E0:06 W0:08		3	3	2	Sull St					p	
3465	ε Hydrae	8 42 +6 47	"	16 59 17 09	5 R 5½ R	8 8	W0:01 W0:11		2	3	2	Sull St					vp	
3466	W.B.h. 954	9 46 -11 49	"	17 32 17 47	10 R 10½ R	12 12	E0:29 E0:14		2	3	2	Sull St					f	
3467	ζ Aquarii	22 23 -0 32	18 nov.	6 41 7 02	6 R 6½	12 12	W0:17 W0:30		2	2	4	St Vom B		+5.2	170.9		f	

N.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope	Definition	Steadiness	Transparency	Observers Initials.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1917														
3468	BGC 12404	23h 24m +30° 17′	18 nov	7:39 7:45	GR	10 10	W 0:02 W 0:15	W	2	2	4	St VanB	Clear				—	Wrong field.
3469	Lal 2387	9 23	"	8:56 9:06	4½ R	8 8	E 0:23 E 0:14		2	2	4	Sull St					f	
3470	Oxf 25° 21321	6 11 25 16	"	14 17 14 27	3½ L	8 8	W 0:02 W 0:12		2	2	4	Sull VanB					f	Explosion.
3471	Sirius	6 41 −16 35	"	14 49 14 56	7 R 7½	6 6	W 0:03 W 0:10		2	2	4	VanB Sull					f	
3472	R Can. maj	7 16 −16 14	"	15 17 15 29	3 L 3½	10 10	E 0:03 W 0:09		2	2	4	VanB Sull					f	
3473	Procyon	7 34 5 29	"	15 49 15 54	7 L 7½	4 4	W 0:09 W 0:14		2	2	4	VanB Sull					f	
3474	"	"	"	16 2 16 7	7½ L 7 L	4 4	W 0:22 W 0:27		2	2	4	VanB Sull					f	
3475	BD −15° 2546	8 37 −16 1	"	16 27 16 36	3 L 3½ L	8 8	E 0:14 E 0:05		2	2	4	VanB Sull					f	Trail.
3476	Σ 1306	9 2 67 32	"	17 07 17 20	8 L 8½ L	12 12	E 0:01 W 0:13		2	2	3	VanB Sull					ff	
3477	η Leonis	10 2 17 15	"	17 40 17 54	0 ½ L	12	E 0:27 E 0:13		2	2	2	VanB Sull	Haze!				vf	
3478	Lal 19022	9 37 43 16	25 nov.	17 1 17 15	8½ L 9	12 12	E 0:17 E 0:03		2	2	2	VanB	Hazy!	−3.9	169.3		f	

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope Definit.	Steadiness	Transparency	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
3479	η Leonis	$10^h 2^m$	1917	17 51	0 L	15	WO:09								f	Partly cloudy!
		$17°15'$	25 nov	18 10	½	18	W:28	W	2	2	2	Van B				
3480	N.G.C. 869	2 14	Dec 6	6 06	6	105	E3:05		2	3	3	St, Sull		−8.1	168.7		f	
		56 48		7 51	½		E1:15		3									
3481	ε Cass	1 48	"	8 08	4	6	EO:35					Sull					f	
		63 14		8 16	4½ L	6	EO:27		3	3	3	St						
3482	48 Cass	1 54	"	8 44	1	8	EO:03					Sull					ff	
		70 28		8 55	½R	8	WO:05					St						
3483	o Ceti	2 14	"	9 20	4½	15	WO:09					Sull					f	
		−3 22		9 38	5 R	15	WO:28					St						
3484	Sirius	6 41	"	14 27	9		WO:52		3	2	2	Sull		−11.5	168.1		f	Decl 4.
		−16 35		14 35	7½R		W1:00					St						
3485	BD 20°1940	7 49	"	15 01	1	10	WO:20		2			Sull					f/p	
		20 39		15 14	2 L	10	WO:31		1			St						
3486	Fal 19022	9 37	"	16 09	8½	12	EO:22		2	3		Sull					f-o	guiding star faint.
		43 10		16 24	9 L	12	EO:09					St						
3487	η Leonis	10 2	"	16 53	1	16	EO:03					Sull					ng	guiding star faint.
		+17 15			1½R	~~16~~						St						
3488	Fal 21258	11 45	"	17 30	10	12	EO:24					Sull					f	
		59		17 44	10½ L	12	EO:12					St						
3489	β Leonis	11 44	"	18 07	2	8	EO:31					Sull					f/p	
		+15 4		18 17	2½ L	8	EO:20					St						

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. of Definit.	Stead dit	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
3490	BCC12608	23h 47m 14 59	1917 9 Dec	6	43 59	3 R 3½	10 10	W 0:12 W 0:29	W	2	3 3	Van B St	High Wind	-18.5	166.9		g	
3491	Anon. P.M.	0 46 57 50	"	7 7	28 39	1 1½ R	10 10	W 0:01 W 0:12		2	3	Van B St					g	
3492	α Urs. Min.	1 26 88 50	"	8	10	9½ L	6	W 0:03		2	1	Sull St	Too unsteady from wind				f-o	
3493	β Arietis	1 49 20 19	"	8 8	43 55	8½ R 9 R	10 10	W 0:10 W 0:22		2	2	St Sull					f-p	
3494	Oxf 25° 21321	6 11 25 16	"	13 13	20 29	8 L 8½	7 7	W 0:28 W 0:37		2	2	Van B Van B		-18.8	166 9		g	
3495	Procyon	7 34 5 29	"	13 14.2	54	7 L 6½ L	6 6	E 0:22 E 0:14		2	2	Van B Sull	Unsteady from high wind				p	
3496	"	"	"	14 14	14 21	6½ L 7 L	6 6	E 0:01 W 0:05		2	2	Van B Van B	"				p	
3497	ε Hydrae	8 42 6 47	"	14 15	51 01	5 R 5½	8 8	E 0:31 E 0:22		3	2	Van B Sull					f	
3498	"	"	"	15	14 26	5½ R 5	8 8	E 0:10 W 0:03		3	2	Van B Sull					g	
3499	Lal 19022	9 37 43 10	"	15 16	50 3	8½ L 9	12 12	E 0.29 E 0.16		2	2	Van B Sull					p	
3500	η Leonis	10 2 17 15	"	16 16	27 44	1 R 1½	15 15	E 0:15 0.00		3	2	Van B Sull					f-o	

No.	Star.	R. A. / Decl.	Date.	C.S.T.	Guid. Star	Exposure Time	Hour Angle.	Position of Telescope / Definition	Steadiness	Transparency	Observers Init.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		h m	1917														
3501	η Leonis	-10 2		17 5	1½	15	W 0:20				VanB						
		+17° 15'	9 dec.	17 21	1 R	15	W 0:37	W	3	2	3 Sull					f-o	
3502	BD 8° 2507	11 23		17 45	9 R	15	E 0:17				VanB						
		+8 8	11	18 2	9½	15	E 0:01		3	2	3 Sull					g-p	
3503	β Leonis	11 44		18 23	2 L	8	E 0:01				VanB						
		+15 4	11	18 32	2½	8	W 0:08		3	2	2 VanB					g	
3504	β Pegasi	22 59		5 29	6 R	8	W 0:05				VanB						
		27 32	13 dec	5 38	6½	8	W 0:14	W	2	2	2	Clouds in SW	-13.0	168.1		g	
3505	α Androm.	0 4		6 07	4 R	20	E 0:24										
		28 36	"	6 29	4½	20	E 0:02	3	2	2	1 VanB	Hazy!				f	
3506	Anon. P.M.x	0 57 43 50	"	7 0	1 R	10	E 0:09										
				7 12	½ R	12	W 0:03	3	3	2	1 VanB	Sky thick				g	
3507	Polaris	1 27		7 47	10 L	5	E 0:05				VanB						
		88 50	"	7 56	9½	6	W 0:04	3	3	1	Sull					f	
3508	Anon. P.M.x	0 43		6 53	1 R	9	E 0:07				VanB						
		57 50	16 Dec	7 3	½	10	W 0:03	3	3	2	St.		-9.0	168.5		vg	
3509	γ Ceti	2 39		8 35	4'	12	E 0:32				Sull						
		+2 50	"	8 49	4½ R	12	E 0:04	3	2	2	St					fp	
3510	Sirius	6 41		13 17	7 R	6	W 0:20	2	2	1	VanB						
		-16 35	"	13 24	6½	6	W 0:28	2	1	1	VanB					f	
3511	Procyon	7 34		13 51	7 L	6	W 0:02				Sull						
		+5 29	"	14 0	6½	6	W 0:11	2	1	1	VanB	Haze!				vg	

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position Telescope.	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality	Remarks.
		h m	1917					E 0h 47m										
3512	PM Star near W Andr.	2 13 m +3° 57'	.26 dec 1918	7h 35m	8R	60	W 0 to 18 E 1 12	W	2-3	3		Parkhurst						
3513	" " "	2h 15m +3° 57'	Jan. 9	6 10	8R	60	E 0h 7	W	2-3	2-3		"						
3514	γ Cet	2h 39m +2° 50'	Jan 13	6 52	4R 4½	10	E 0:12	V	2	4	4	Van B Pet		-15.5	167.5		f	
3515	3075 154	3h 50m +5° 56'	"	8h 16m 24	3½ 4½	6	E 0:00 W 0:08		2	2	3	Van B Pet					f	
3516	α Tauri	4 30 +16 19	"	8:48 9:00	10 R 10½	10 8	E 0:08 W 0:04		2	2	3	Van B Sull	Thin Clouds cut down last expos.				fp	4 at 4.! necessary for W
3517	γ Orionis	5 20 +6 16	"	9:37 9 49	9 R 9½	8 8	E 0:09 W 0:04		2	2	3	Van B Sull					f	first experiment plate.
3518	δ Cori	12h 2m -16 0.9	"	16 44 16:54 16 57	1 1½ L 2	3 3 3	E 0:02 W 0:07 W 0:08		2	2	4	Van B Van B Pet					fp	
3519	BD 68° 724	13 22 +68 38	"	15 39 17 48	9 R 8 R	8 8	E 0:05 W 0:15		2	3	3	Van B Pet					f	
3520	η Urs. Maj.	13 44 49 49	"	18 15	10½ R	10	W 0:02		3	3	4	Van B					f	First experiment plate.
3521	N.G.C. 869	2 16 56 48	Jan. 15	5h 25m 6h 49	6 L	84	E 1:04 W 0:20		3	3	3	Van B		-14.5	167.5		g	
3522	ζ Leonis	10 28 +9 46	"	14 36 14 53	11 L 11½	15	E 0:10 W 0:07		3	3	3	Pet Van B		-14.0	167.7		g	
3523	Lal 21258	11 01 43 58	"	15 18 15 25	10 L 10½ L	8 8	W 0:01 W 0:09		3	3	3	Van B Van B					g	

No.	Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope.	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
			12h 1m	1918														
3524	BD 28°2078	+27 59	Jan. 15		15 57	9 R	12	E 0:23				Pet					g	
					16 11	9½ R		E 0:06	W	3	3	3	VanB					
3525	δ Corvi	12 25 −16 1	"		16 29	1 I	2	E 0:13										
					32	1½ I	2	0:10		1½	1½		Pet				f	
3526	"	"	"		16 37	1½ I	2	E 0:06										
					41	1½ I	2	E 0:01		2	2		VanB				f	
3527	"	"	"		16 46	1 I	2	W 0:04					VanB					
					49	1½ I	2	0:07		2	2		Pet				f	
3528	β Comae	13 7 +28 20	"		17 15	8 I	20	E 0:10					Pet					
					17 37	8½ I	20	W 0:12		3	3		VanB				g	
3529	Σ1785	13 44 +27 29	"		18 10	5 I	10	W 0:09					Pet					
					18 21	5½ I	10	W 0:24		3	2		VanB				f	
3530	α Bootis	14 11 +19 37	"		18 42	8 R	8	W 0:15					Pet					
					53	8½ R	8	W 0:26		3	2		VanB				f	
3531	P.M.x near W.	2 13 +43 57	Jan. 16		5 41			E 0:47										
					6 41	8 R	60	W 0:13		2			Parkhurst				g	
3532	ε Cassiop.	1 48 63 14	Jan. 20		5 38	4 I	5	E 0:06					Pet					
					46	4½ I	5	W 0:01		3	3	3	VanB	−14.0	167.5		g	
3533	"	"	"		5 53	4½ I	5	W 0:08					Pet					
					6 00	4 I	5	W 0:17					VanB				g	
3534	γ Ceti	2 39 +2 50	"		6 13	4 R	8	E 0:23		3½			Pet					
					22	4½ R	8	E 0:14		4	3	3	VanB				g	

22

H.	Star.	R. A. Decl.	Date.	C.S.T.	Guid Star	Exposure Time.	Hour Angle.	Position of Telescope	Deft'n	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		h m / ° ′	1918	h m		m												
3535	γ Ceti	2 39 / +2 50	Jan. 20	6 33		4½	R	8	E 0:03			Pet						
				6 42		4	R	8	W 0:07	W	4	3 3 VanB					g	
3536	BD 30° 516	3 11 / +30 42	"	6 56		1		6	E 0:12			Pet						
				7 03		1½	L	5	E 0:04		3½	3 3 VanB					g	
3537	"	"	"	7 10		1½	L	5	W 0:01			Pet						
				7 16		1		5	W 0:09			VanB					g	
3538	BD 22° 583	3 44 / +22 15	"	7 37		7	R	10	E 0:07			Pet						
				7 49		7½	R	10	W 0:07		3	3 3 VanB					g	
3539	BD 75° 154	3 49 / +75 56	"	8 10		3½	L	6	W 0:23			Pet						
				8 17		4	L	6	0:32		3	VanB					g	
		4 30		8 45		10	R	10	W 0:16		3 2	VanB					f	
3540	α Tauri	+16 19	"	8 57		10½		10	W 0:29		2 2 3	Sull						
		11 1		14 38		10½	L	11	E 0:10			Pet						
3541	Lal 21258	+43 59	Jan. 22	14 52		10½	L	11	W 0:01		2 3 4	VanB	Clear	-15.2	167.5		f	Plate exposed before on Mess 45 by Mr. Barnard
		12 1		15 14		9	R	12	E 0:23			VanB						
3542	BD 28° 2078	+27 59	"	15 28		9½		14	E 0:22		2 2	Pet					f	
		12 25		16 03		1½	L	3	E 0:07									
3543	δ Corvi	−16 1	"	16 04		2		2½	E 0:03			VanB					p	
				16 17		1		2½	W 0:05			Pet						
3544	"	"	"	16 20		1½	L	2½	W 0:08								f	
		12 51		16 42		10½	L	15	W 0:03			Pet						
3545	42 Com. Venat.	+38 48	"	56		11	L	8	W 0:19			VanB					p	Strikes pier during 2d exposure

22 Π.

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. op. Definit.	Steadi.	Transpar.	Observers Init.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		1918														
3546	BD -1°2754	12h 55m		17:22	8½	6	W 0:40			VanB	clear				f	
		−2° 13′	Jan 22	17:29	9	6	W 0:45	W	2·2	4 Pet						
3547	Arcturus	14 11		17 47	8 R	10	E 0:11			Pet					p	
		+19 37	"	17 58	8½	10	0.00			VanB						
3548	"	"	"	18 13	8½ R	10	W 0:15			Pet					fp	
				18 24	8	10	W 0:26			VanB	Thin clouds!					
3549	γ Ceti	2 39		5 52	4 R	12	E 0:04			Pet					p	
		+2 50	Jan. 31	6 05	4½	12	W 0:08	W	2 2	3 VanB		−19.2	166.5			
3550	BD 30°516	3 11		6 24	1	8	E 0:02			Pet					vp	
		+30 42	"	6 33	1½ L	8	W 0:09	2	1	2 VanB						
3551	BD 75°154	3 50		6 57	3	6	E 0:07			VanB				Double coated Cramer 100	g	
		75 56	"	7 5	3½ L	6	W 0:01	3	3	3 Pet						
3552	"	"	"	7 15	3½	6	W 0:10			Pet					g	
				22	3 L	6	W 0:17			2 VanB						
3553	α Tauri	4 30		7:37	10	12	E 0:01			VanB					pf	
		+16 19	"	7.50	10½ R	13	W 0:35	2	2	2 VanB	Clouds!					
3554	β Tauri	5 20		8:37	1	10	W 0:02			Pet					pp	
		+28 31	"	48	1½ R	10	W 0:14			VanB	Thin Clouds					
3555	δ Orionis	5 50		9:5	4	7	W 0:02			Pet					pf	
		+7 23	"	9 13	4½ L	10	W 0:10	3	2	2 VanB	Thin Clouds					
3556	γ Geminorum	6 32		9:34	6	7	E 0:12			Pet					p	
		+16 29	"	40	6½ L	7	E 0:03	2	2	2 VanB	"					

22
II.

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
3557	BD 28°2078	12h 1m +27°59'	1918 Jan. 31	h m 15 13 15 29	9 R 9½ R	15 15	E 0:01 W 0:15	W	2	3	3	Sull Pet			Double Coated Cramer 36	f	
3558	δ Corvi	12 25 −16°1'	"	15:52 15:55	1 1½ L	2 2	W 0:15 W 0:18	W	2	3	3	VanB VanB				f	
3559	BD −1°2754	12 55 −2 13	"	16 12 16 19	8½ L 9	7 7	W 0:03 W 0:11					Pet VanB				f	
3560	"	"	"	16 16	9 8½ L	7 7	W 0:22 W 0:30					Pet VanB				f	
3561	α Bootis	14 11 +19°37'	"	17:02 17:16	9½ 9 R	12 12	E 0:20 E 0:07		2	2	2	VanB Pet	Thin clouds!			f	
3562	"	"	"	17:33 17:46	9 9½ R	12 12	W 0:08 W 0:22		2	1	3	VanB Sull	Poor!			f	
3563	γ Ceti	2 39 +2 50	Febr. 3	5 51 6 02	4 4½ R	10 10	W 0:10 W 0:21		2	2	4	VanB Pet	Very transparent	14°.0	167.7	f	
3564	BD 30°516	3 11 +30 42	"	6 17 6 26	1 1½ L	8 8	W 0:03 W 0:12					VanB Pet				f	
3565	BD 75°154	3 50 +75 56	"	6 45 6 52	3 3½ L	6 6	E 0:08 E 0:01		2½			VanB Pet				g	
3566	α Tauri	4 30 +16 19	"	7 11 7 23	10 10½ R	10 10	E 0:21 E 0:09					VanB Pet				p	
3567	BGC 2407	4 50 +7 14	"	7:46 8:00	6½ 7 R	12 12	E 0:04 W 0:10		2½			VanB Sull				p	

22
II.

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope	Definition	Steadiness	Transparency	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
3568	β Tauri	5h 20m +28° 31′	1918 Febr. 3	8h 20m	1	8	E 0:01				VanB				Double Coated Cramer 300	f	
				8 : 29	1½ R	8	W 0:08			2	Sull						
3569	α Orionis	5 50 +7 23	"	8:45	4 L	10	E 0:06				VanB					f	
				8 : 57	4½	10	W 0:06				Sull						
3570	Sirius	6 41 −16 35	"	9 : 17	7 R	5	E 0:25				VanB					f	
				9 23	7½	5	E 0:19			2½							
3571	"	"	"	9 32	7½ R	5	E 0:09				VanB					f	
				9 37	7	5	E 0:04										
3572	95 Ceti	3 13 −1 15	Febr. 6	6 : 13	2 R	12	W 0:07				Pet		−3.0	169.2		f	Previous guiding Hour too fast. Clock during very bad
				6 : 26	2½	12	0:20	3	3	3	VanB						
3573	BD 22°583	3 45 +22 26	"	6 52	7 R	10	W 0:14				Pet					g	during the whole evening.
				7 03	7½ R	10	W 0:25	4			VanB						
3574	α Tauri	4 30 +16 19	"	7 ~~29~~ 20	10 R	8	E 0:07				Pet					g	"
				7 ~~39~~ 29	10½ R	8	W 0:08	4			VanB						
3575	β Orionis	5 10 −8 19	"	7 49	3½ L	8	E 0:10				VanB					g	"
				7 59	3 L	8	0:00				Pet.						
3576	β Tauri	5 30 +28 31	"	8 20	2 R	6	W 0:10				Pet					g	"
				8 27	2½ L	6	W :17				Pet						
3577	α Orionis	5 50 +7 23	"	8 50	4 L	6	W 0:10				Pet					g	"
				8 56	4½ L	6	W 0:14				Pet						
3578	R Mascarus	6 34 +8 49	"	9 29	10 L	6	W 0:04				Pet					[g]	Objective ~~Shaded~~ by ~~some~~ during the last exposure which was increased by about 3 min on that acct.
				9 35	10½ L	6	W 0:10				Pet						

22 H.	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Positive Telescope Definit	Stead di	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
		h m															
		6 — 41 m	1918	10.02			6	Ub: 32									Dull
				10 09	7	R	4	Wo: 37									Pet
3579	Sirius	-16° -35'	Feb 6	10 14	7½		4	Wo: 43	4	3	4					g	Pet
		5 20		7 58	3	R	10	E0:07									Sull
3580	β Tauri	+28 31	Febr. 7	8 09	3½		10	Wo:04	W	2	2 2		-4.0	169.2		p	Pet
		5 48		8 35	5	L	12	Wo:02		2½							Pet
3581	136 Tauri	+27 36	11	8 49	5½		12	Wo:16								f	Sull
		6 32		9 19	6½	L	8	Wo:02									Sull
3582	δ Gemin.	+16 29	11	9 28	6		4	Wo:10								f	Pet
		12 1		14 24	9	R	10	E 0:05									Pet
3583	BD28° 2078	+28 0	Febr. 12	14 36	9½		10	Wo:08	4	4	3	VanB	-4.5	170.0	Last double coated iso	f	
		12 50		15 8	5½	R	12	E 0:07									Pet
3584	ε Urs. Maj	+56 30	11	15 22	5		12	Wo:06				VanB			Plain Cramer Iso Em. 451	f	
		13 35		15 55	8		12	E 0:05									Pet
3585	β 612	+11 12	11	16 8	8½	L	12	Wo:08				VanB				f	
		4 30		6	6		10	E 0:32									Pet
3586	α Tauri	+16 19	Febr. 17	6 47	10½	R	10	E 0:21	3	3	3	VanB	-6.8	169.0		f	
				6 32	10½	R	10	E0:05									Pet
3587	11	11	11	6 43	10		10	Wo:06	3	3	1	VanB				f	Hare!
		12 52		14 48	11½	L	15	E 0:02	3	3	3	Sull					
3588	11 Can Ven	38 48	Feb 19	15 04	11		13	Wo:11	2	2	2	Pet	-13.5	167.5		f	Clouds
		13 — 35		15 30	8	L	15	E 0:03									Pet
3589	β 612	11 — 12	11	15 48	8½		15	W 0:13				Van B				f	

Driving clock still off.

Passing haze!

Passing haze!

Second exposure cut off by clouds

Clock driving slow.
Rate changed.
Still driving slow

22 π

Star.	R. A. Decl.	Date.	C.S.T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesc. op.	Definit	Steadi	Transpar	Observers	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
3590	BD-1°2754	12h 55m -2° 13'	1918 Febr. 21	14h 47 14 55	8½ I 9 I	6 6	W 0:01 W 0:09	W	3	2	3	VanB Sull		-12.5	168.0		f	Eyepiece clear in - Y at 10
3591	3 612	13 35 +11 12	"	15 11 15 27	8 I 8½ I	10 15	E 0:15 W : 02		3	3	2	VanB Sull					f	
3592	Oxf 25°8607	13 55 +25 37	"	15 47 15 59	10 R 10½ R	10 10	W 0:06 W 0:17		3	3	2	VanB Sull	Haze!				f	(wrong field.?)
3593	Arcturus	14 11 +19 37	"	16 17 16 29	9 R 8½ R	11 10	W 0:15 W 0:28		3	3	2	VanB Sull	Haze!				g	
3593	Lei 5456	15 16 +31 3	"	16 59 17 5	1 R 1½ R	5 5	E 0:07 E 0:01					VanB					f	In position angle 90°.
3594	WB 15h 1223	15 55 +28 1	"	17 27 17 40	3 R 3½ R	12 12	E 0:18 E 0:05					VanB Sull					f	
3595	ζ Herculis	16 38 31 44	"	17 58 18 6	3 R 3½ R	6 6	E 0:27 E 0:21					VanB	Thick Haze				ng	
3596	"	"	"	18 15	3½ R	5	E 0.11					"					p	Guiding lost in daylight
3597	α Tauri	4 30 +16 19	Febr. 24	6 10 6 19	10 R 10½ R	8 8	E 0:07 W 0:08	W	3	3	3	Pet VanB		+42	170.7		g	
3598	β 883	4 46 +10 55	"	6 38 6 52	0 R ½ R	12 12	W 0:13 W 0:26					Pet VanB					g	Clock running slow - corrected
3599	δ Aurigae	5 52 54 16	"	7 11 7 21	3 R 3½ R	9 9	E 0:20 E 0:10					Pet VanB	Haze!				g	

22
11.

	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Positic Telesco	Definit	Steadi	Transpar	Observer	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.
				1918	h													
3600	δ Gemin.	6 32 +16 29	Febr. 24	8:24 8 31	6 T 6½	6 8	W 0:13 0:20	W	3	3	2	VanB	Patchy clouds				g	
3601	Procyon	7 34 +5 29	"	9:01 9:09	6½ 7 T	8 6	E 0:12 0:04		3	3	2	VanB	"				p	
3602	BD 25°1848	8 1 +25 47	"	9:29 9:36	8 T 8½	6 6	E 0:12 E 0:05		3			VanB					g	
3603	ξ Cancri	8 6 +17 57	"	9:53 10:02	10 R 10½	8 8	W 0:08 W 0:16		3	3	2	VanB Sull					g	
3604																		
3605																		
3606																		
3607																		
3608																		
3609																		
3610																		

22 T.	Star.	R. A. Decl.	Date.	C. S. T.	Guid. Star.	Exposure Time.	Hour Angle.	Position of Telescope.	Definity.	Steadiness.	Transparency.	Observer.	Sky.	Temp. C.	Focal Setting.	Plate and Emulsion	Quality.	Remarks.

0h

μ Androm. See Book 3
ε " See " 3
B.G.C. 12740 " " 4
B.G.C. 12755 " " 5

I.h

φ Androm. See Book 3
48 Cassiop. " " 3

II.h

20 Persei See Book 2
Ο " " " 3
Anon. Puissenx " " 4 For Prop. mot.
6 Persei " " 5
Piazzii " " 5

III.h

Lal 6888-9 " " 2
α Persei " " 3
ξ " " " 3
Algol " " 4
ι Persei " " 5

IV.h

A.Oe 4961 See Book 2
9 Camel. " " 2

V.h

φ' Orionis See Book 2
φ² " " " 2
μ " " " 2
Ο' " " " 4
B.G.C. 2745 " " 5

VI.h

Nova Gem (2). See Book 2
K 26 " " 5
Ο Can. Maj. " " 5

VII.h

Lal. 15565 See Book 4
A Oe 7846 " " 5
σ Gem- " " 5

VIII.h

W8.h 596 See Book 3
W8. 224 " " 5
D'Ag 1623 " " 5

IX h

w Urs. Maj.	See Book 4
Lal 19229	" " 4
K29	" " 5
w Urs. Maj.	" 1465

X h

A. Oe 10642	See Book 4
31 Sec. Mis	" " 5

XI h

Wolf Anon. 11h 6m	See Book 4
Lal 22667	" " 5

XII h

Wolf (A.N. Vol. 171/151)	See Book 4
Lal 23223	" " 4

XIII h

42 Cornae	See Book 4

XIV h

Becker Berlin B A.G.C. 5072-3	See Book 4

XV h

Lal 27744	See Book 4
η Coronae	" " 3
ξ Scorpii	" " 4
44 ι Bootis	" " 5

XV h (cont.)

A Oe 14318-22	See Book 5
δ Serpentis	" " 5
K 35 series K E 22, E 62	" " 5

XVI h

Oxford 46692	See Book 4
Gron Area VII	" " 2
λ Ophiuchi	" " 4
K Herculis	" " 5
Wesse I	" " 5
16906 58 E Herculis	" " 5

XVII h

B. D. 18° 3424	See Book 2
96 Herculis	" " 2
B. D. 42, 2810	" " 4
υ Ophiuchi	" " 4
Lal 31055	" " 5
Red* near 18, 3424	" " 5
Oe A. 17415-6	" " 5
Z Herculis	" " 5

XVIII h

ε Lyrae	See Book	2
70 Ophiuchi	"	" 4
Draco 205	"	" 4
B.D. 18° 3911	"	" 4
RX Herculis	"	" 5
A88 B.G.C. 8679	"	" 5

XIX h

17 Lyrae	See Book	2
16 Cygni	"	" 2
ω Sagittae	"	" 5
K 39 (Series K.13.5463)	"	" 5

XX h

P Cygni	See Book	2
γ Cephei	"	" 2
Y Cygni	"	" 2
B.D. 35° 3953	"	" 4
B.D. 43°, 3571	"	" 4
ε Delphini	"	" 5

XXI h

T Cygni	See Book	2
61 "	"	" 3
β Cephei	"	" 4
K 41	"	" 4
1 Pegasi	"	" 5
K Peg	"	" 5

XXII h

Nova Lacertae	See Book	2
ε Cephei	"	" 3
B.D. 29. 4753	"	" 4
λ Cephei (B.D. 58. 2402)	"	" 5
B.D. 53. 2911	"	" 5

XXIII

B.D. 28° 4562	See Book	3
Oxford 68304	"	" 3
Y Cephei	"	" 3
85 Pegasi	"	" 3

B.D −5°3 500, 1014, 2891, 2923 Discontinued. Field not suitable.
OZ 547, 2985, 3452,
40 Exp.
B.G.C. 92 2311,
α Androm <570, 608, 1741, 1815, 1820, 2187 ‖ 3442, 3505

χ Pegasi 2354, 2473
Groomb. 34) 278, 300 [II] (measured by Sch.)

N.G.C. 110 2846, 3424,
−17°63 1821, Rejected - Field not suitable -

N.G.C. 129 2763, 2892
α Caso. 1727, 1867 ‖ 2690, 2968
1 Exp Trail

13 Ceti 71, 72, 1865 ‖ 2944
Lov.

Androm Neb. 1410, 1415, 1450, 1456, 1654, 1662, 1778, 1826, 1836, 1877, 2321, 2693, 2702, 2721, 2731, 2928, 3010, 3011, 3024, 3333, 3339, 3341,
vg vg

Anon. P.M. Star 2355, 2718, 2942, 3331, 3364, 3491, 3506, 3508,
η Caso 1792, 1816, 1849, 2194, 2336, 3330, 3344, 3355, 3448,
4 yr.

K20 356, 478, 550, 589, 831, 848, 1056, 1467, 2366, 2704, 2713, 2736, 2974, 3000, 3327, 3334,
3347,

B.D. 63° 137 1435, 1442, 1457, 1463,

μ Cass 147, 181, 189, 351, (T measured by Sch.)
N.G.C. 457, 2789, 2867

θ Cass. 167, 195, 293, 296, 616, 1645, 2732, 3335, 3342, 3379, 3390,
N.G.C. 581 2737, 2790,

Lal 2387 612, 1019, 1655, 1822, 1885, 3469,

ω Androm 1850, 1890, 2177A, 2203, 2224, 2367, 2694, 2705, 2706, 2961, 3025
Cass Rejected.

N.G.C. 663, 2722, 2764,
K21 357, 358, 455, 464, 486, 856, 1827, 1837, 1851, 2195, 2210, 2714, 2719, 2929, 3012, 3350,

β Arietis 1866, 2182, 2188, 2211 ‖ 3056, 3394, 3493,

ε Cass. 3038, 3041, 3340, 3356, 3365, 3380, 3481, 3532, 3533,
B.D. +15°280. 501, 573, 1663, 1679, 1838, 2204, 3343 ‖
α Ursæ Min 3366, 3391, 3396, 3492, 3507,
N.G.C. 654 3425
48 Cass. 3482,

α Arietis M 29, Not available.

Wersac BII. 95 E 639, M 871, E 1033, E 1047, E 1061, E 1458, M 1664,

N.G.C. 869 M 2733, M 2791, E 2943, E 3031, E 3039, E 3042, M 3348, M 3351, M 3445, O 3444, O 3453, E 3461, E 3480, Complete E 3521

O Ceti E 1034, E 1048, E 1071, E 1072, E 1459, E 1817, M 2225, M 3361, M 3392, M 3440, E 3480,

P.M. Near W Andr. E 3057, M 3368, M 3403, M 3409, E 3512, E 3513, E 3531,

N.G.C. 884 M 2745, O 2847

N.G.C. 1089 O 2814, O 2868

N.G.C. 1068 E 1475, M 1686, E 1878, E 1906, M 2773, M 2792,

N GC 957 O 3426,

δ Ceti M 73, E 79, E 2424,

γ Ceti E 163, E 191, M 502, E 2401, M 2720, M 2723, M 3393, M 3398, M 3404, E 3509, E 3514, E 3534, E 3535, E 3549, E 3563

K 22 M 2738, M 2749, M 2765, E 3013, E 3067

B.D. −17° 529 E 613, M 3391,

B.D. −5° 570, E 2426

B.D. 30° 516 E 575, E 594, M 1697, E 1893, E 1914, M 2734, M 2746, M 2750, E 3035, E 3058, M 3399, M 3405, E 3536, E 3537, E 3550, E 3564,

95 Ceti E 1879, M 2766, E 3572

K 23 E 1907, E 1937, M 2747, M 2748, M 2793, M 2805, E 3036, E 3040, E 3043, M 3427

Ks 16 M 2815, M 2848

Pleiades, See series in V. M 2819, M 2870, E 2988, E 3032, E 3068, E 3069, E 3074, E 3076, E 3082, E 3087, E 3088

Ks 15 M 2869, M 3416, E 3110

B.D. 22, 583 M 1687, E 1880, E 1894, M 3417, M 3428, E 3538, E 3573, Trail

B.D. 75° 154 M 1705, E 2413, E 3014, E 3026, M 3395, M 3400, M 3406, E 3516, E 3539, E 3551, E 3552, E 3565

Lal 7443 O 160, M 308, M 323,

B.G.C. 1962 E 1887,

N.G.C. 1444 O 2944

B.G.C. 2007 10 yr. E 1915, E 1929, M 2751, M 2831, E 3015, E 3027, E 3044, E 3059, M 3407,

* o^2 Eridani E 93, E 208, M 309, M 506, E 1124, E 1132, M 1370, M 1374, E 1481, E 1488, E 1489, E 1491, E 1908, E 2254, M 2453, M 2767, M 2794, M 2832 —

N.G.C. 1528, 2945

80 Tauri M 35, M 44, M 48, Not suitable

BGC 2134 M 3429,

74 ε Tauri E 1895,

BGC 2154 M 3420,

E E E E E
3566, 3574, 3586, 3587, 3597

α Tauri See Book V. M 2752, M 2775, M 2871, M 3016 +, 3111, M 3401 +, M 3418 1 apt, M 3419 1 apt, M 3430 +, E 3516, E 3540, E 3553,

B.D. 45° 992 E 1504, M 1688, M 1706, E 1938,

Berlin A 1248, E 3060 +

B.D. 32° 843 M 521, E 596, E 634, E 929, M 1689, M 1747,

β 883 E 1076, E 1125, M 1359 ?, M 1382, M 1404, E 1480, M 1761 +, M 2268 +, M 2284, M 2815, E 3033, E 3578, E 3613

N.G.C. 1647, 1961

B.G.C. 2407 M? 2323, E 2425, E 3567,

K 24 E 1940 +, M 2302, M 2806, E 3028, E 3037, E 3045, E 3061, E 3083

μ Aurigae E 1115, E 1133, M 1707, E 1898, M 2834 ig

α Aurigae 1469 // M 2768, M 2807, E 3071, E 3090, E 3112, E 3116 experiment —

(see file for measures)

TT Aurigae E 1917, E 1963, E 2415, M 2795, M 2816, M 2820, M 2833 ig, M 2850, M 2872, E 3070, E 3077, E 3089 +

N.G.C. 1896 3001

Kessel I (5.592) E 68, E 201, E 209, E 216, M 310, M 325, E 364, E 379, E 507 Rejected

β Tauri M 2821, M 2857, M 2876, E 3029, E 3062, E 3098, E 3128, E 3554, E 3568, E 3576, E 3580

K 25 E 1928 +, E 1955, M 2303, M 2343, E 3084, E 3113, E 3117

N.G.C. 1912, 2946, 2989

136 Tauri M 1764, M 1800, E 1899, E 1918, M 2325, // E 3581,

γ Orionis E 3617,

δ Aurigae E 1102, E 1116, E 1126, M 1411, M 1476 +, M 1780, M 2788, M 2822, M 2874, E 3091, E 3129, M 3431, E 3599, E 3614. Complete

ε Orionis M 2835 1 ix, M 2873, M 2905, E 3075, E 3122

N.G.C. 2099 E 1909,

α Orionis M 2817 E, M 2906 +, E 3072, M 3432, E 3556, E 3569, E 3577,

β Orionis E 3575,

B.D. 19° 1185 M 1794, E 1932, M 2818 //

BD 21° 1079 M 3436 Tx

BGC 2654 M 3435 Tx

No section | Nearly by Lee

B.D. 26° 1067 M 1749, M 1787, M 1801, E 1949, E 1964, M 2326, M 2372 || M 2852, E 3063, E 3079, E 3094

N.G.C. 2168, 2963, 3002, 3046

2 Lyncis E 1134,

Oxford 25° 21321 M 1413, M 1427, E 1498, E 1511, M 1708, M 2877, E 3114, E 3130, M 3470, O 3494.

B.D. 6h 21m M 1709, M 2895

R Monoc. M 2836, M 2908, M 2930, E 3115, E 3518 — None of these plates show the var at all-Discont.

γ Gem. M 2853, M 2896, M 2907, E 3073, E 3123, E 3454, E 3556, E 3582, E 3600, E 3615,

B.G.C. 3499 M 1750, M 1782, M 1795, E 1933, E 1950, E 1956, M 2322, M 2327, M 2373, E 3080, E 3085, E 3098 Completed

N.G.C. 2250, 2947

Sirius E 2497, Exp. E 2504, 3 yrs. M 2948, M 2953, 19 yrs. E 3124 || E 3137, E 3154, E 3154A, M 3462, M 3471, M 3484, O 3510, E 3570, E 3571, E 3579

97 Monoc. M 1802, M 1824, M 1839, M 1853, E 1945, E 1957, E 2023, M 2305, M 2878, E 3081 || New series E 3616,
16 yrs.

N.G.C. 2284, 2964, 2990, 3034

N.G.C. 2307 2991

R Can. Maj. M 1796, M 1840, M 3455, M 3472

B.D. +19° 1739 E 221, M 335, M 1783, M 1803,

α Gemini Castor 8 yrs. See Book V. E 2482, E 2495, M 2879, M 2881, M 2897, M 2909, M 2931, E 3094, E 3160, E 3617

Procyon hyr. E 2498, E 2503, M 2880, M 2898, M 2932, M 2954, M 2965, 1 sup. M 2981, M 3125, M 3463, M 3473, M 3474, M 3495, M 3496 — 35° 11, 3607,

W 7° 1029 E 707, M 991, M 1000, M 1009, E 1148, E 1157, M 1428, M 1443, M 1784, E 1981, M 2387, M 2882, E 3155, E 3166

N.G.C. 2420 3003, 3047

β Gem. M 2949, M 2965, M 2966, E 3605,

−L 1792; M 2359, M 2392, E 2484,

20° 1940 M 2870, M 2933 || M 3139, M 3485,

K 27 M 337, M 546, E 717, M 1765, E 1966, E 1990, E 2012, M 2306, M 2374, M 2383, E 3086, E 3135, E 3138
2 yrs.

B.D. 25°1848; 2346, 2360, 2379, 3602,

−11°2289, 2975, 2992, 3126, 3167

B.D. 67°552; 1149, 1158, 1179, 1444, 1531, 1785, 1804, 2013, 2358, 2388, 2900, 3140, 3156]

−11°2305, 2976, 3127, 3131

ξ Caneri 2347, 2485, 2899, 2911, 2958, 3603, 3606,
10 yr.

N.G.C. 2548, 3048, 3075

Praesepe Use Rucan plates also
60, 61, 2016, 2039, 2042, 2375, 2394, 2395, 2956
+s +s +s s I s

B.G.C. 4714; 2031, 2994, 3168
15 yr.

K28 374, 388, 547, 553, 980, 1982, 1991, 2000, 2026, 2357, 2384,] Completed.

BD −15°2546 3475,

ε Hydrae 2380, 2486, 2505, 3465, 3497, 3498,
4 yr.

Fed. 1384 153, 238, 385, 1860, 1881, 1960, 1968, 2014, 2361, 2883, 2912, 2934, 3192,] 3457,

9 Urs. Maj. 1150, 1167, 1187, 1460, 1535, 1852 ‖ 2951, 3004

N.G.C. 2682, 2967

ψ² Caneri 3456, 3464

K Caneri 81, 86

Σ 1306 3476,

Alk 9599; 577, 581, 599, 1550, 1556, 3017, 3169

Lal 18672; 2244, 2381, 2499, 2977

Fed 1457-8, Schl. 3049, 3157

O Urs Maj. 239, 242 | Rejected

Lal 19022; 2043, 2487, 2995, 3005, 3009, 3186, 3193, 3478, 3486, 3499,

9 B.B. 9h 954; 2032, 2056, 3406, 3466,

N.G.C. 3031; 2027, 2040, 2416, 3018, 3141, 3170, 3174/75

B.D. −13°2948; 243, 390,

η Leptant 240, 1861, 2046, 2382, 2390, 2409, 2506, 2522, 2535, 2935, 2967, 2978, 3132, 3158] Finished

Copy

ρ Leo E 246, E 391, E 2063, M 3050, M 3522,
− − +

η Leonis E 3142, E 3159, E 3187, M 3477, M 3479, M 3487, M 3500, M 3501
Bn 1447; M 2397, M 2403, E 2507, E 2523, M 2558, M 2579, M 2593, M 2596

B.D. 31°2175; M 557, M 602, M 1862, M 2410, E 3171, E 3185, E 3195 ||

N.G.C. 3231, 3096
K 30; M 1028, M 1883, M 2386,

Series trouble?

37 Leonis. M 2959, M 2982, M 3019, E 3188, E 3194, E 3205
† Lal 21185: M E 6687, M 170, M 178, E 742, E 754, E 1203, E 1204, M 1901, M 1911, E 2050, E 2057, M 2404, M 2417, E 2524] Completed.
one im: ~~only~~ good + g + g + + g g

α Urs. Maj. E 2508, E 3189, E 3206 ||

B.G.C. 1695, M 1919, M 2997 Field rejected.

† Lal 21258: M 62, M 83, M 353, M 367, E 405, M 1872, E 2045, E 3208, E 3221, M 3488, M 3523, M 3541,
faint

~~Fed 1457. E 2445.~~

ξ Urs. Maj. M 2980, M 3064 ||
B.D. −1°2505 E 393, M 604, E 1568 ||

δ Leonis M 2398, ‖ E 2519
B.G.C. 5811, M 3051
± Alle 10677 M 65, M 647 ||
B.D. 20°2594; M 2411, E 3196 ||

New Series
B.D. +8°2507; M 185, M 354, M 605, M 663, M 1078, E 2048, E 2051, E 2059, E 2075, M 2418, M 3502 ||
B.A.C. 5951, M 2998, M 3021, E 3207, E 3222
New Series
B.D. +8°2512; M 1924, E 2058, E 2544, M 3007, M 3020, M 3077, E 3211, E 3225 ||

89 Leonis. M 1873,
New Series
† β Leo See Vol. V — E 2520, E 2525, E 2535, E 2545, M 3065, E 3197, M 3489, M 3503 ||

K 31 M 1029, M 1073, M 1473, E 2064, M 2391, E 3176
† Groomb. 1830; M 63, M 84, M 1136 ||

XII.

B.D. 28°2078; M 648, E 1575, M 2434, E 2526, E 2549, M 3008, M 3098, M 3103, E 3209, E 3212, M 3524, M 3542, M 3557, M 3583

B.D. 29°2279; M 637, E 3223 Field not suitable. Rejected May 1917

δ Corvi M 172, M 187, M 2407, M 2446 // E 2527, E 2550, E 2551, M 3049, M 3518, 3525, 3526, 3527, 3543, 3544, M 3558,
Field of N.G.C. 4254, 3143
Field of N.G.C. 4321, 3144
N.G.C. 4594; M 1912, M 1969, M 1970, E 3210, E 3213

K 32 M 369, M 375, E 413, E 1587, E 2557, M 2999, M 3042, M 3066

12α Can. Ven. E 1576, E 2077, E 2083, M 2428, M 2428, M 2435, M 2447, M 2460, E 2536, E 2546, M 3545, M 3588,
1 emp. 1 emp.

B.D. −1°2754; M 606, M 1902, M 2440, E 2537, E 2552 // M 3546, M 3559, M 3560, M 3590,

ε Urs. Maj. M 3052, M 3104, M 3584,
K 5 32, 3198

XIII.

β Comæ M 188, M 665, M 674, M 689, E 765, E 1242, E 2085, E 2091, M 2420, M 2436, M 2441 // E 2561, 3100, M 3528

Nexus B XIII. 241; M 1903, M 2448, M 2454, M 2461, E 2558, E 3224, E 3230

B.D. −7°3631 M 370, E 414, E 774 Discontinued

β 612; E 415, M 666, M 675, M 690, E 780, M 1066, M 1118, M 1138, M 2092, E 2097, M 2421, M 2422, M 2442, E 3239, M 3585, M 3591,
η Urs. Maj. 3023, M 3053, M 3607,
B.D. 68°724; M 1934, M 3054, M 3519
N.G.C. 5194, M 3105
Lal 25372 M 67, M 205, Discontinued.
N.G.C. 5277, 3166, 3199
Nexus A.G.C. 4999; M 204, M 371, Discontinued.
η Urs. Maj. M 3520,
Σ 1785; M 1095, M 1926, M 1935, M 1944, M 1983, M 2002, E 2086, E 2087, M 2429, E 2559, E 2581, E 2582, M 3529, New Series started E 3231, E 3236, E 3237, E 3242, E 3250

K 33 (Series K 15) M 376, M 2455, M 2462,

Oy. +25°87067; M 1904, M 1913, M 1922, M 1971, E 2093, E 2098, M 2430, M 2437, M 3592, M 3608,

B.G.C. 6711; E 2088, E 2094, E 2099, M 2472, M 2478, E 2562, E 2575, E 2587, M 3118

Arctuurus 15 E95 ‖ 2468, 2560, 2568, 2574, 3530, 3561, 3562, 3592 lin 3609,

N.G.C. 5466, 3145

B.G.C. 6842; 2101, 2431, 2443, 2450, 2473, 2488, 2569, 3055, 3238

Oxf 25° 2937; 1942, 1972, 1984, 2105, 2109, 2110, 2116, 2456, 2489,

B.D. 34° 2541; 372, 677, 691, 709, 722, 1251, 1514, 1598,

B.D. 36° 2517; 2017,

B.D. +36° 2525; 1923, 1951, 1993, 2013, 2100, 3241, 3243,

B.G.C. 6999; 1081, 1927, 2474,

ξ Bootis 1921, 2438, 2463, 2469

K 34 377, 424, 1109, 1128, 2583, 2604, 2606, 3106, 3149

Fed 2544 394 Discontinued

3133; 3155, 3244, 3267 + Gill's Comp. pl.

Oxford 44446; 668, 678, 692, 697, 782, 788, 1098, 1110, 1129, 1275, 1279, 1485, 1507, 1524, 1600, 1601, 1609, 2605, 2611,

44 i Bootis 3107, 3142, 3161, 3247, 3259, 3610,

μ Bootis 2479, 2490,

N.G.C. 5904, 3157, 3200, 3214

Leiden 5456; 2444, 2451, 2457, 2470, 2584, 3593,

OZ 298; 2033, 2491, 3160, 3162, 3251,

γ Coronae 215, 254, 1961, 2019, 2034, 2607, 2612, 2629, 2630, 2655, 3102, 3108, 3119] Completed

N.B. 15h 1323; 2464, 2471, 2476, 3252, 3263, 3594, 3611,

Lal 29439; 16h14, 1995, 2027, 2035, 2122, 2459, 2465, 2475, 2645, 2670, 3151, 3178 80' 3198 opt 2 even pl
Lal 29380 3280

Complete.
M.B. 16h40; 2514, 2639, 2663, 2683, 4134 Ng 3163, 3170 81 3171, 3201, 3268, 3281, 3292.]

K36 4007, 4026, 4033, 4695, 4821, 1516, 1543, 2481, 2625, 2631, 3120, 3147

M13. 2585, 3215, 3253,

41 Herculis 2163, 2493, 2510, 2521, 2528, 2613, 2621, 2640, 2646, 2650, 2651, 3121, 3152, 3164]

ζ Herculis, 3202, 3293, 3297, 3311, 3595, 3596, 3604, 3612

B.D. 31°3025 232, 427, 3322,

77 Herculis 1553, 1560, 1563, 2164, 2664, 2672, 3204, 3216, 3282, 3294, 3298,] 2 more plates
μ Draconis. 3182 82, 3203, 3269
B.G.C. 8038; 2037, 2161, 2512, 2529, 3323, 3357,

Ophiuchi See Vol V. — 2477, 2516, 2540, 3306, 3312, 3324, 3336,

26 Draco 227, 234, 401, 732, 749, 879 1193, 1326, 1540, 2652, 2707, 2708] 2 more plates to be added
Should be 819

β Ophiuchi-See Vol V. — 2547, 3325,

K37 2661, 2502, 2513, 2684, 2695, 2715, 2735, 3163, 3165, 3172 83, 3299,

30 Draconis 1565, 3148

86 μ Herculis 1647,

N.G.C. 6494; 2530, 2531, 2614,

67 Cephei 873,

Barnard's E.M.* 2586 2596, 2597, 2685, 2699, 2709, 2710, 2724, 2725, 3101, 3109, 3123 84, 3217, 3226, 3270, 3295, 3313, 3337, 3344, 3352,

BD −16° 4706 ; E457, M2517, E2665,

99 Herc. E3283, E3307, E3345, E3369,

φ Draconis E1651, E1665, M2073, E2197, E2198, E2220, M2227 // E3314, E3346,

N.G.C. 6611 ; 2615,

40° 3374 ; 2699A

α Lyrae See Vol. IV – M2518, M2532, M2538, M2541, E2678, E2686, E2687, E2696, E2711, E2726, E2739, M3218, M3232, E3338, E3353, E3381,

20° 3876 ; M2542, M2553,

KS 2 3271, 3284

β Lyrae See Vol. V. – M2539, M2543, Trail M2554, E2697, E2712, E2740, E2781, M3219, M3228, E3315, E3382,

K 38 M752, M1573, E1643, E2239, E2242, M2548, E2716,

N.G.C. 6631 ; 3245,

β 648 ; E3370,

BD −0° 3676 ; E981, M1591, E2215, E2243, E2274,

B.G.C. 9114 ; E2796, E2809, M3220, E3283, E3371 //

Cygni 6 ; E1651, E1666, E2259, E2269, M2564,

β Cygni E2782, E2843, E2837, M3229

N.G.C. 6775 ; 3246,

N.G.C. 6800 ; 2616,

RR Lyrae E1690, E2221, E2270, E2276, M3284

Groomb. 2875 ; E2280, E2728, E2776,

γ Aquilae E26, E32, E37, E110, E124, M2702 //

N.G.C. 6811 , 3240

g Sagittae M2536, E2754, E2792, E2810, E3360, E3372,

60 β Aquilae 1710, 1718, 1726, 1742, M2090 // E2742, E2798, E3824

α Aquilae – See Vol. IV – Trail M2579, E2755, E2783, E2811, E2860, E3437

δ Cygni 3285, E3358, E3383,

χ Cygni E2255, E2260, E2261, E3359,

K 39 (Series K, 13, 5463) See Vol. V

New Series M2571, M2577, E2717, E2741, E2770, E2777, M3235

XX. L

N.G.C. 6866, 3272°

B.D. 35° 3972; 1753E, 2186E, 2193E, 2200E,

ℓ Cygni 2270E, 2289E, 2295E, 2307E, 2314E, 2566M, 2567M, 2588M, 2589M, 2591M, 2592M, 2729E, 2736E, 3373E, 3384E, 3412E,

B.D. 36° 3883; 2241E, 2247E, 2256E,

B.G.C. 10289; 1786E, 1806E, 2222E, 2227E, 2572M, 2600M, 2784E, 2812E, 3256M,

β Delphini 1682E, 1692E, 1711E, 2108M, 2114M, 2123M, 2124M, 2207E+, 2208E+, 2218E+, 2219E+, 2593M, 2743E, 2753E, 2756E+, 2759E

B.D. 26° 3867 ~~2838E~~, 2861E, ~~3385E~~,

B.D. +5° 4556; 2273E, 2275E, 2290E, 2296E,

γ Delphini 1693E, 1743E, 1767E

Nova (Ritchey's) - 3317°, 3353E,

N.G.C. 6940 2104M+, 2244E, 2248E, 2257E, 2262E (Broken (See measures by Van B))

ν Delphini 1787E, 2209E, 2223E, 3438E,

Var. Ceph. 3377°,

α Cygni 2598M+, 2785E, 2791E, 2825E, 2839E

4 Aquarii 2E, 8E+, 106E, 111E, 125E, 132E, 267M, 291E, 327E, 535E, 1592M+, 1597M, 1728E, 2601M, 2618M, 2760E

ε Cygni 1720E+, 1754E, 1771E, 2118M, 2228E, 3248M, 3254M+, 3260M, 3361E, 3374E, 3386E, 3433E

55 Cygni 2913E,

K 40 (Series K 24M+, 46°+, 64M+) 318E, 435M, 460°+, 481E+, 493E, 528E, 949E, 1402E, 1599M, 2238E, 2578M, 2590M, 2617M, 2771E, 2778E

ε Equulei 2291E, ~~2348E~~, ~~2854E~~, ~~2884~~, (3435)E, (3445)E

Lal 40728; 1712E, 1735E, 1768E, 1772E, 2119M+, 2132M+, 2263E, 2271E, 2281E, 2579M, 2580M, 2608M, 2757E, 2786E, 3249M, 3255M, 3257M

BD +37° 4131; 2276E, 2308E, 2315E, 2330E, 2337E,

W.B. 20° 1454; ~~2830E~~, 2836E+, 2840E, ~~2862E~~, 2885E

XXI. L

3M, 2E needed

K 8 3286°

Lal 40844; 514E, 529E, 932E, 967E, 973E, 1376E, 1397E, 1406E, 2133M, 2272E, 2619M, 2620M+, 3261M, 3264M, 3273M, 3440E

W.B. 21h 07; 2368E, 2901E, 2914E

66 ν Cygni 2925E, 2936E+

γ Equilei 516E, 530E, 917E, 944E, 950E, 961E, 1277M, Discontinued

δ Equulei 1365E, 1377E, ~~1386E~~, 1401E, 1407E, 2137M

N.G.C. 7092; 2656°, 2779E,

24° 4411, 2920E

α Cephei 1807E, 1818E || 2758E, 2801E, 2827E, 2841E, 2886E

τ Cygni 2573M, 3375E°, 3376E°,

W. Bxxi 502 933E, 951E, 1402E, 2622M || E

81 π² Cygni. 2969E, 3421E,

γ Cygni 2297E+, 2309E, 2316E, 2331E, 2349E, 2626M, 2634M, 2902E, 3258M, 3262M, 3265M, 3275M, 3276M, 3446M, 3447E

β Equilei 27E, 38E, 118E, 126E, 133E, 343E, 436E, 1762E,

Lal 42128; 2317E, 2332E, 2338E, 2362E, 3246M,

16° 4237 2856E, 2883E, 2887E, 2903E, 2915E

21h 21m Lal Cygni 41746 319E, 1721E, 1755E, 1773E, ~~3166M~~, ~~3274M~~

Oxford 240 14584; 926E, 974E, 1015E, 1398E, 2642M, 3287M

κ Pegasi Companion 2780E, 2802E, 2828E

ε Pegasi 1832E, 1845E, 3449E,

K 4 306E, 339E, 347E, 437M, 445M, 1004E, 1616M, 1684E, 2258E, 2264E, 2292E, 2610M, 2632M, 2772E, 2926E, 2937E, 3277M

μ Cygni 1256E, 1763E, 1769E, 2138M, 2152M+, 2153M, 2250E, 40 Cep 2251E, 2298E, 50 Cep 2310E,

KS 12 2761E, 2787E,

Lal 42883-5 1408E, 1423E, 1713E, 1737E, 2160M ?

XXII h

α Aquarii 2938 Field rejected.

B.G.C. 11542; 2312 many exposures.

ξ Cephei 497, 1744, 1774, 2282, 2658, 3178, 3290, 3413,

W.B. 22h 82 2318, 2339, 2350, 2363, 2369, 3302,

A Pegasi 275, 1685, 1704, 2299,

Kruger 60 2179, 2829, 2842, 2864, 3291, 3300, 3305, 3422,
(Speed test)

33 Pegasi 1788, 1805, 1812, 2265, 2649, 2653, 2666, 2803, 2813,

η Aquarii 2970, 3458,

δ Cephei 1394, 1399, 1432, 2283,

N.G.C. 7281; 2657, 2904, 3316,

Kl 6256; 2278, 2293, 2333, 2340, Rejected!

BD. 28°4391 2857, 2865, 2888

ξ Aquarii 1813, 1819, 2673, 3434, 3467.

K 42 (Series K 32, 48) 330, 340, 342, 344, 352, 452, 461, 477, 483, 552, 2633, 2643, 2659] 3445,

Σ 2944; 1731, 1739, 1758,

Munich I. 31343 2858, 2889, 2916, 2921

Lal 44739 2319, 2351, 2370, 2393,

OΣ 536; 1724, 1778, 1863, 3304, 3318, 3423,

BD +13° 5006; 1789, 1809, 1833, 1846, 2162, 3288

50 ρ Pegasi 2922, 2971 See File for measures 3308, 3310, 3328, 3450

2 Rudrom 1, 7, 33, 40, 108, 155, 276, 307, 315, 321, 345, 348, 442, 579, 582, 2637, 2638, 2654, 2667] 2830, 3303,

β Pegasi 1714, 1723, 1745, 1770, 2284 2661, 2674, 2679, 2804, 2843, 2857, 2890, 3379, 3326, 3326
3459, 3504

N.G.C. 7380; 3387,

XXIII h

Pegasi 1790, 1849, 2688 2691, 2844, 2917, 2939, 1983, 3319, 3321, 3451,
1834,

π Cephei 3362, 3386,

B.G.C. 12290 1430, 1433, 1627, 1635, 1638, 1835, 1875, 2320, 2371, 2644, 2660, 2668, 2680, 2918, 2972, 2980

Star A near B.G.C. 12290; 2669, 3329. complete

Piscium 41, 47, 51, 127, 1680, Discontinued

N.G.C. 7654; 2300, 2364, 2676, 2866, 3301,

B.G.C. 12404; 2279, 2352, 3468,

B.G.C. 12274; 1759, 2170, 1834,

−8° 6177; 1864, 1876, 1884, 2365, 3460

λ Piscium 1681,
70, 331,

K 43; 485, 349, 538, 607, 1045, 1315, 1449, 1455, 2692, 2780, 2703, 2927, 2940

B.G.C. 12608 1795, 1791, 1814, 1825, 2301, 3309, 3326 3332, 3490,

N.G.C. 7788 890 2762,

Lam 32805; 1732, 1740, 1746, 1776, 2171, 2176, 2181, 2335, 2342, 2353, 2662, 2675, 2681, 2682]

N.G.C. 7795; 2788, 2845, 2919

85 Peg. 2423 3363, 3378, 3389, 3402, 3444

200

☆№130

1

4500

200

Π	Star	R.A and Decl.	Date 1918	C.S.T	Exposure time	Hour Angle	Eyepiece inX	Eyepiece inZ	Scales X	Scales Y	Sectors	Position angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Plate	Quality	Observers	Remarks
3600	γ Genin.	6h 32m +16 29	Febr. 24	8.24 8.31	6m 8	W 0:13 W 0:20	6 6½	L	12	12		0	W	3	3	2	+4.2	170.7	Double coated 3so. intr. 9599	g	VanB	Packing clouds
3601	Procyon	7 34 +5 29	"	9.01 9.09	8 6	E 0:12 E 0:04	6½ 7	L				90°		3	3	1				fr	VanB	"
3602	BD 25°1848	8 1 +25 47	"	9.29 9.36	6 6	E 0:12 E 0:05	8 8½	L				0		3	3	3				g	VanB	
3603	ξ Cancri	8 6 +17 57	"	9.53 10.02	8 8	W 0:08 W 0:16	10 10½	R				0		3	3	3				g	VanB Sull	
3604	ζ Herculis	16 38 31 44	Febr. 26	17.59 18.04	8 7	E 0:07 E 0:02	3 3½	R	2	12	12	D6	90°	W	3	3	3	0.0	170.0		f	Sull Pet	Last expos. cut down by daylight
3605	β Geminorum	7 39 +28 16	Febr. 28	9:08 9:14	10 10	W 0:04 W 0:10	5 5½	R	2	12	12	D2 Peep	0	W	2½	3	2½	-2.0	170.0		ng	Sull. Pet	Haze - clearing after storm.
3606	ξ Cancri	8 06 +17 57	"	9:43 9:51	8 8	W 0:15 W 0:19	10 10½	R		12	12	4	0		3	3	3				f	Sull Pet	Both diameter and steadiness variable during these exposures.
3607	ζ Ursa maj.	13 20 +55 27	"	14 32 14:47	12 12	E 0:11 W 0:03	3½ 4	R				D5	0		3	2	4	-5.4	169.1		g	VanB Sull	
3608	Oxf 25°86067	13 35 +25 37	"	15:14 15:27	12 12	E 0:05 W 0:08	2½ 3	R				no	0								g	VanB Sull	
3609	Arcturus	14 11 +19 37	"	15:44 15:56	10 10	W 0:10 W 0:22	9 9½	R				D	0								f	VanB Sull	
3610	44 Bootis	15 1 48 0	"	16:18 16:28	10 10	E 0:05 W 0:04	1½ 8	L				Sec 3	90								g	VanB VanB	

T	Π	Star	R.A and Decl	Date	C.S.T.	Exposure time	Hour angle	Eyepiece x	Eyepiece z	Scales x	Scales y	Sect	Position angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Plate	Quality	Observer	Remarks
36			h m s	1918	h m s																		
	3611	WB 15h 1323	15 55 +28 1	Febr. 28	16 52 17 9	15 15	E 0:23 E 0:08	4 4½ R	2	12	12	30	5°	W	3	2	4			Double coated Cramer 710	g	VomB Sull	
36			16 38		17:32	10	E 0:28	3														VomB	
	3612	ζ Herculis	+31 44	"	17:43 17:55	10 10	E 0:17 E 0:05	3½ R 4	3	12	12	D6	90°							"	f	Sull VomB	
36			4 46		6:26	12	W 0:28	0														Pet	
	3613	β 883	+10 55	March 3	6:39	12	W 0:41	½ R	3	12	12	6	0°	W	3	3	3	0°0	170.1	"	g	VomB	
36			5 52		7:0	10	E 0:04	3														Pet	
	3614	δ Aurigae	+54 16	"	7:11	10	W 0:07	3½ R	10	12	12	D10	0							"	g	VomB	
36			6 32		7:26	6	E 0:18	6														Pet	
	3615	ζ Gemin.	+16 29	"	7:33 7:48	6 6	E 0:11 E 0:05	6½ Z 7½	10	12	12	D5	0							"	g	VomB	2 fine exp.
36			6 46		7:58	8	E 0:00	2 I														Sull	
	3616	97 Monoc.	−0 26	"	8:7	8	W 0:09	2½ I	10	"	"	D15	0		2	2	2			"	f	VomB	Haze in S.W.
36			7 29		8 28	8	E 0:13	8 I														Sull	
	3617	Castor	+32 4	"	8 37	8	E 0:04	8½ I	0	"	"	D3	0		2	2	1			"	f	VomB	Hazy! Clouds at last part
36			5 20		6 27	8	W 0:10	3														Pet	
	3618	β Tauri	+28 31	Mar 7	32	8	W 0:11	3½ R 4½	5	12	12	D3	0	W	3	3	3	+1°0	170.2	"	lg	Pet	
36			5 50		7 03	7	W 0:20	4.2 I														pit	
	3619	α Orion	+7 23	"	07	7	W 0:24	4.7 I	5	12	12	D2	12							4	lg	Pet	
36			6 41		7 39	3	W 0:04	7														Sull	splendid aurora
	3620	Sirius	−16 35		43	3	W 0:07	2½ R	0	12	6	D11	0		3	3	4			"	ng	Pet	
36			7 34		8 05	6	E 0:25	7 I														Sull	Sector set at ½ aperture by mistake)
	3621	Procyon	+5 29		09	6	E 0:21	6½ I	10	12	12	D1½	90							"	f	Pet	

Π	Star	R.A and Declin	Date	C.S.T	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Plate	quality	Observers	Remarks
			1918																			Sector not working properly. Opening at certain points. Aurora bottom of plate.
3622	β Geminorum	7 39 28 16	Mar 7	8:38 :49	10 10	W0:03 :04	5½ 5½	2	12	12	D2½	0	W	3	3	4			Double coated Cramer Iso	1g	Sull Pet	Sector working properly Aurora field Quality poor Master sector working properly Seeing poor
3623	ε Leonis	9h 06m +17 57	"	9:09 :18	8 8	W0:06 W0:05	10 10½	0	12	12	4	0							"	fg	Sull Pet	
3624	BDC 4714	8 35 +22 22	"	9:54	11	W0:23	10 10½		12	12	3	0		2	2	4			"	ng	Sull	only time for 1 exposure
3625	BD 68°724	13 22 68 39	"	14:28 14:37	8 8	W0:11 W0:20	6½ 7 R	5	"	"	25	0		2	2	4	0.0	170.1	"	f	Sull VanB	
3626	Arcturus	14 9 +19 56	"	14:59 15:10 15:23	10 10 10	E0:07 W0:04 W0:17	9 9½ R 9¼	5	"	"	D1 (IL)	0		2	2	4			"	f	Sull VanB VanB	Clock driving slow on 2 first exp. Changed.
3627	Oxf 2544446	15 3 +25°15	"	15:44 15:57	12 12	E0:14 E0:07	6 6½ R	5	"	"	no	0		2	2	4			"	fp.f	Sull VanB	Driving slow
3628	"	"	"	16 16 16 29	12 12	W0:18 W0:31	6½ R 6	"			no	0		3	2	4			"	fp-f	Sull VanB	
3629	Lal 2943g	16 1 +39 3	"	16 50 17 3	12 12	E0:07 W0:06	5 5½	"			30	0		3	2	4			"	g	Sull VanB	Not small sector -
3630	ζ Herculis	16 38 +31 44	"	17 25 17 34	8 8	E0:06 W0:03	3 3½ R	"	"	"	D6	90°							"	fp	VanB	
3631	"	"	"	17:44 —	8	W0:13	3½ R	"	"			90°							"	fp	VanB	Stopped by clay light.
3632	β Tauri	5 20 28 31	March 10	6 24 6 34	8 8	W0:19 W0:29	3 3½ R	5	"	"	D1½	0	W	3	2	3	-4.1	169.3	Standard Cramer Ink	ng	VanB Pet	Clock driving slow

Remarks

T	Π	Star	R.A. and Declin.	Date	C.S.T	Expos. time	Hour-Angle	Eyepiece x	Eyepiece z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Heaviness	Transparency	Luminosity	Focus	Plate	Quality	Observers	Remarks
				1918									0°	W	4	2	2			Stanley Commercial Em. 176g			Plates too slow!
36	3633	α Orionis	5 50 +7 23	March 10	6 48 6 56	7 7	W 0:14 W 0:22	4 I 4½ I	5	12	12	D1									p	Pet VanB	Haze!
36	3634	"	"	"	7 8 7 16	8 8	W 0:34 W 0:42	4 I 4½	5	"	"		0°		4	3	1				f (weak)	Pet VanB	Haze!
36	3635	Castor	7 29 +32 4	"	7 35 7 44	8 8	E 0:38 E 0:29	8 I 8½ I	0	"	"	D3	0°		4	3	1				ng	Pet VanB	" } One plate
36	3636	"	"	"	8:4 8:16	8 8	E 0:09 W 0:04	8½ I 8	0	"	"	"	s				1				1g.	Sull VanB	Sky thick! } One plate
362	3637	BD 25°1848	8 1 +25 47	"	8:31 8:38	6 6	E 0:15 E 0:08	8 I 8½	0	"	"	no	0								ng	Sull VanB	" " }
362	3638	BD-7°4003	15 16 −7 27	"	15:45 15:56	10 10	E 0:12 E 0:01	7 I 7½	0	"	"	no	0		2	3	2				ng	Sull Pet	" "
362	3639	Lal 29330	16 01 +10 57	"	16:28 16:43	15 15	E 0:15 0:00	1½ R 2	9			15	0		2½	3	4				ng	Sull Pet	Clear } Same plate
362	3640	ζ Herculis	16 38 +31 44	"	17:16 :24	8 8	E 0:02 W 0:06	3 R 3½	0			D6	90°								ng	Sull Pet	" }
363	3641	α Ophiuchi	17 31	"	17:42	4½	E 0:23	8 R	10	"	"	D2	0								neg	Pet	Exposure cut off by dew.
363	3642	Sirius	6 41 −16 35	March 14	6:46 6:54	7 7	E 0:23 E 0:15	7 R 7½	0	12	6	D1,6	0	W	2	1	3	−0.6	170.0	Stanley Commercial	p	Pet VanB	
363	3643	"	"	"	7:5 7:13	7 7	E 0:04 W 0:04	7½ R 7							3	2	3				vf	Pet VanB	

☐	Star	R.A. and Decl.	Date	C.S.T	Expos. time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Plates	Quality	Observers	
			1918	h		h m																
3644	Procyon	7h 34m +5 29	March 14	7:31	12	E 0:31	6½ L	0	12	12	D 1½	90°	W	3-4	2-3	4			Stanley Commercial	ng	Pet VanB	Plates too slow!
				7:44	12	E 0:18	7															
3645	Alcyone	3 41 +23 48	"	8 17 till 9 10		W 4h till 5h				12	Varia	90°	E	2-3	2	3			Double Coated Iso Instl		Pet VanB	Test of mg reduction by sector
3646	Lal 19022	9m 37' +43 10	"	9:33	17	E 0:32	8½ L	5	12	12	10	0	W	3	3	3			Stanley Commercial	mg	Sull Pet	
				9:50	17	E 0:15	9															
3647	BD 36°2517	14 37 +36 10	"	14:31	20	E 0:35	6½ R	5	12	12	no	180		3	3	2	−2°.0	169.7	"	mg	VanB	Haze!
				14:52	20	E 0:10	7															
3648	BD −7°4003	15 15 −7 27	"	15 30	20	E 0:10	8	0	12	12	no	0							"	?	Sull VanB	"
				15 51	20	W 0:11	8½ L															
3649	ζ Herculis	16 38 +31 44	"	16 22	16	E 0:42	3	10	12	12	D 8	90							"	f	Sull VanB	"
				16 39	16	E 0:25	3½ R															
3650	77 Herculis	17 24 +48 19	"	17 14	16	E 0:36	1	10	12	12	3	0		2	2	2			"	fe	Sull VanB	
				31	16	E 0:19	1½ R															
3651	Sirius	6 41 −16 35	March 24	6 41	3	W 0:12	7	0	12	6	D 1/small	0		4	3	2	+7	171.2	Cramer Iso 9666	g	Pet VanB VanB	
				6 46	3	W 0:16	7½ R															
				6 47	3	W 0:19	8															
3652	"	"	"	6 55	3	W 0:26	8	0	12	6	"	"								g	Pet Pet VanB	
				6 58	3	W 0:29	7½ R															
				7 2	3	W 0:33	7															
3653	Procyon	7 34 +5 29	"	7 12	5	E 0:11	6½ L	0	12	12	D 1½	90°		4	3	4				f	Pet VanB	
				7 18	5	E 0:05	7															
3654	"	"	"	7 27	5	W 0:03	7	"	"	"	"	"								fe	Pet VanB	
				7 32	5	W 0:09	6½ L															

Tl	Star	R.A. and Declin.	Date	C.S.T	Expos. time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telec.	Definition	Graininess	Transparency	Temp.	Focus	Plate	Quality	Observers	Remarks
			1918																			
3655	ζ Cancri	8R 6m +17°57	March 24	7 57 8 4	6 6	W 0:01 W 0:08	10 R 10½ R	0	12	12	4	0°	W	4	3	4			Cramer Iso 9666	g	Sull Van B	
3656	"	"	"	8 13 8 20	6 6	W 0:17 W 0:24	10½ R 10 R	"	"	"	"	0								g	Sull Van B	
3657	ε Hydrae	8 42 +6 47	"	8 49 8 59	9 9	W 0:19 W 0:29	5½ R 5¾ R	0	12	10	D 6	0		3	3	4				g-f	Sull Van B	
3658	Lal 19022	9 37 +43 10	"	9 21 9 32	10 10	E 0:05 W 0:06	8½ L 9 L	5	12	12	10	0		3	2	4				g	Sull Van B	
3659	BJC 6999	14 - 42 +10 - 02	"	14 38 14 53	15 15	W 0:08 W 0:23	5¼ R 5¾ R	5	12	12	3	0		3	3	2	+5	171.0		fg	Sull Pet	Haze coming up.
3660	Lal 29336	16 - 01 +10 -57	"	15 17 15 33	15 15	E 0:30 E 0:22	1½ R 2 R	5	12	12	15	0				2!				ng	Van B Pet	
3661	ζ Herculis	16 - 38 31 - 44	"	15 55 15 59	8 8	E 0:32 E 0:24	3 R 3½ R	10	12	12	D 8	90								f	Van B Pet.	
3662	BJC 7783	16 - 49 +28 - 47	"	16 21 16 35	12 12	E 0:14 E 0:01	4½ R 5 R ?	10	12	12	10	90°		4	3	4				g	Van B Pet Van B	
3663	24 Draconis	17 - 34 61 - 57	"	16 - 53 17 - 00	¼6 ¼6	E 0:26 E 0:19	¼ L 9½	10	12	12	3	0		3	3	4				g	Pet	Lenz: faltig rapidly
3664	"	"	"	17 10 17 17 17 25	6 6 6	E 0:11 E 0:04 W 0:03	9½ L 10 9	"	"	"	"	"								g	Pet Van B Van B	
3665	Oxf 44446	15 3 +25 15	March 26	14 21 14 34	12 12	E 0:21 E 0:08	6 R 6½ R										-2.0	169.8		nf	Pet Van B	Objective fogged!

☐	Star	R.A. and Decl.	Date	C.S.T	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temper.	Focus	Plates	Quality	Observer	Remarks
			1918																			
3666	✓	$15^h 21^m$ +37 42	March 26	14 55 15 4	8 8	E 0:05 W 0:04	3 3½	I I	9	12	12	3	0°	W	3	2	4	-2.0	169.7	Cramer Ito 1666	vg	Pet VanB	Objective frosted-
3667	✓	Lal 29330 16 1 +10 57	"	15 35 15 51	15 15	E 0:11 W 0:05	1½ 2	R	10	12	12	15	0°		2	2	4				vg	Pet VanB	Object. cleaned
3668	✓	Bgc 7783 16 49 +28 47	"	16 11 16 20	8 8	E 0:16 E 0:07	4½ 5	R R	10	12	12	15	90		2½	3	4				f	Pet VanB	
3669	✓	BD 31°3025 17 23 +31 8	"	16 37 16 46	8 8	E 0:25 E 0:16	3 3½	R R	5	12	12	40	0		3	3	4				pf	Pet VanB	
3670	✓	Barnard's PM× 17 54 +4 27	"	16 57 17 2	5 5	E 0:35 E 0:30	1 1½	I I	5	12	12	no	0		3	2	4				f	Pet VanB	
3671	✓	" "	"	17 11 17	5 5	E 0:22 E 0:17	1½ 1	I I	"	"	"	"	"								p	Pet VanB	
3672	✓	BGC 7783 16 49 +28 47	March 27	16 1 16 8 16 19	6 6 6	E 0:23 E 0:16 E 0:05	4½ 5 5½	R R	10	12	12	25	90°		3	3	3	-1.5	169.8		f	Sull VanB Sull	Changed rate of clock
3673	✓	" "	"	16 30 37 45	6 6 6	W 0:07 W 0:13 W 0:21	6½ 5 4½	R R	"	"	"	25	90°								g	VanB VanB Sull	
3674	✓	Barnard's PM× 17 54 +4 27	"	16 57 17 3	5 5	E 0:31 E 0:25	1 1½	R R	10	12	12	no	0°								g	VanB Sull	
3675	✓	" "	"	17 12 17 17	5 5½	E 0:17 E 0:11	1 1½	I I	10	"	"	"									f	VanB VanB	Unsteady on last expos.
3676	✓	Castor 7 29 +32 4	March 28	7 5 7 14	8 8	W 0:03 W 0:12	9 9½	I I	0	12	12	D3	0°	W	3	3	4	+5.0	170.9		g	Pet VanB	

π	Star	R.A and Decl.	Date	C.S.T.	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temper.	Focus	Plates	quality	Observer	Remarks
			1918																			
3677	Procyon	7 34 +5 29	March 28	7 30 7 36 7 43	6 6 6	W0:22 W0:28 W0:34	5R 5½ 6	5	12	12	D 1½	340°	W	4	3	4				g	Pet VanB VanB	VanB finds guiding very easy Pet thinks it's hard.
3678	ξ Canis	8 0C +17 57	"	8 5 8 14	8 8	W0:25 W0:34	10 10½R	0	12	12	4	0		3						g	Pet VanB	
3679	Lal. 17022	9 37 43 10	"	8 31 8 44	12 12	E0:40 E0:27	8½L 9	5	12	12	12	0								f	Pet VanB	
3680	η Leonis	10 02 17 15	"	9 6 9 22	15 15	E0:29 E0:13	1R 1½	5	12	12	D 10	0								fp	Pet VanB	Sector opening displaced two about 50 during exposure
3681	Br 1447 Sextantis	10 21 -6 36	"	9 41 9 58	12 12	E0:06 W0:06	9R 9½	0	12	12	D 30	90								fp	VanB Pet	
3682	Orf 44446	15 3 +25 15	"	14 25 39	12 12	E0:11 W0:04	6R 6½	5	12	12	no	0		3	3	4	±1.0	170.3		g	VanB Sull	
3683	OΣ 298	15 33 +40 8	"	14 58 15 9	10 10	E0:06 W0:05	5.3L 5.7	5	12	12	6	0								g	Pet VanB	
3684	Lal 29330	16 1 +10 56	"	15 36 15 52	15 15	W0:02 W0:18	1½R 2	5	12	12	15	0								ng	Pet VanB	
3685	μ Draconis	17 4 +54 34	"	16 22 16 35	12 12	E0:13 0:00	5 5½L	10	12	12	D 10	0								ng	Pet VanB	
3686	Barnard's PMx	17 54 +4 27	"	16 56 17 1	5 5	E0:31 E0:25	1L 1½	5	12	12	no	0								g	Pet Pet	
3687	"	"	"	17 8 17 13	5 5	E0:18 E0:13	1½L 1	"	"	"	"									g	VanB VanB	

Π	Star	R.A. and Decl.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector
			1918								
3688	Procyon	7h 34m +5° 29'	April 4	6 47 6 54	6 6	W 0:07 W 0:14	5 R 5½ R	5	12	12	D 3, 12
3689	"	"	"	7 4 7 11	6 6	W 0:24 W 0:31	5½ R 5	"	"	"	"
3690	ζ Cancri	8 6 +17 57	"	7 26 7 35	8 8	W 0:13 W 0:22	10 10½ R	0	12	12	4
3691	ε Hydrae	8 42 +6 47	"	7 55 8 6	10 10	W 0:08 W 0:19	5 5½ R	0	12	10	D 6
3692	Lal 19022	9 37 +43 10	"	8 25 8 41	15 15	E 0:18 E 0:02	8½ L 9 L	5	12	12	10
3693	η Leonis	10 2 +17 15	"	9 6 9 27	20 20	E 0:01 W 0:20	1 1½ R	5	12	12	D 10
3694	α Urs. maj.	10 58 +62 17	"	9 50 9 58	8 8	E 0:13 E 0:04	8 8½ L	0	12	12	D 4
3695	μ Bootis	15 21 +37 42	"	14 23 14 32	8 8	E 0:04 W 0:05	3 3½ L	10	12	12	3
3696	ζ Herculis	16 17 +46 51	"	15 0 15 13	12 12	E 0:21 E 0:08	8½ L 9 L	10	12	12	D 5
3697	μ Draconis	17 4 +54 34	"	15 39 15 52	12 12	E 0:29 E 0:16	5 L 5½ L	10	12	12	D 25
3698	"	"		16 7 16 19	12 12	E 0:07 W 0:12	5½ L 5	"	"	"	"

Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temper.	Focus	Plates	Quality	Observer	Remarks
340°	W	3-2	3-2	4	+5.0	170.8	Cramer Iso 1666	gf	Pet VanB	
"								p	Pet VanB	
0		2	2	4				f	Pet VanB	
0		2-3						p	Pet VanB	
0		2						pf	Pet VanB	
0		2-3						pf	Pet VanB	
90		2-3						f	Pet VanB	
0		2-3			+1.0	170.2		p	Pet VanB	
270		3-4						f	Pet VanB	
0		3-4						g	Pet VanB	
0		3						g	Pet VanB	

☐	Star	R.A. and Decl.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector
			1918								
3699	BD31°3025	17h 23m +31 8	April 4	16 38 16 46	8 8	W 0:11 W 0:19	2½R 3	5	12	12	no
3700	Barnards T.M. Star	17 54 +4 27	"	17 2 17 8	5 5	W 0:05 W 0:11	1 1½R	5	12	12	no
3701	α Cr. Bor	14 12 +34 03	April 9	14 41 14 57	15 15	E 0:49 W 0:03	7R 7½	5	12	12	D 15
3702	BGC 7783	16 49 +28 47	"	15 18 15 25	6 6	E 0:14 E 0:07	4½R 5	10	12	12	25
3703	BGC 8038	17 26 −0 59	"	15 45 15 56	10 10	E 0:24 E 0:13	5 5½R	10	12	12	2½
3704	ε Ophiuchi	17 30 +12 37	"	16 18 16 29	10 10	W 0:04 W 0:15	8R 8½	10	12	12	D 2
3705	α Lyrae	18 34 +38 42	"	16 46 16 51	5 5	E 0:32 E 0:27	2L 2½	10	"	"	D 2½
3706	"	"	"	16 59 17 4	5 5	E 0:18 E 0:13	2½L 2	"			
3708	BD40°3374	18 24 +40 39	April 10	16 18 16 25	6 6	E 0:47 E 0:40	5 5½L	0	12	12	no
3709	α Lyrae	18 34 +38 42	"	16 39 16 45	5 5	E 0:36 E 0:29	2 2½L	10	12	12	D 2(1/2)
3710	1848.25	8 2 47	April 11	7:14 7:20	6 6	W 0:34 W 0:40	8½L 9	10	12	12	—

Position Angle	Position Clamp	Adjusting	Readings	Transparency	Temper.	Focus	Plate	Quality	Observer	Remarks
0	W	3-4	3	5			Cramer No 666	f	Pet VanB	Clock driving slow
		2-3						f	Pet VanB	
0		2	2	5	0.0	170.1		f	VanB Pet	
90°		2						f	Pet VanB	
0		2						p	Pet VanB	
0		2						f	Pet VanB	
0		2						g	Pet VanB	
								p	Pet VanB	Sky too bright
0		2-3	2-3	4	0.2	170.1		ng	Sull VanB	Accident in developing No stars at all - Not filed
								g	Sull VanB	
0		3	3	3	+3.0	172.5		f	VanB Pett	

Π	Π	Star	R.A and Declin.	Date	C.S.T	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Section	Position Telescope	Definition	Steadiness	Transparency	Temper.	Focus	Plate	Quality	Observers	Remarks
			17 -23-	1918													+2.0	170.3				
3699	3711	BJC 8038	-0 59	April 11	15 52	10	E 0:10	5 R	10	12	12	2½	W	3	4	5				f	Sull Pet	
					16 02	10	E 0:00	5½														
3700	3712	α Ophiuc	17 20	"	16 24	10	E 0:07	8 R	10	12	12	D2		3½	4	5				g	Sull Pet	Used Upper disc in guiding eyepiece as it raises stars in comp field to better position.
			12 37		16 34	10	W 0:03	8½														
3701	3713	BD 31°3025	17 23	April 13	15 59	12	W 0:07	3 R	5	12	12	90		3	3	5	+8.0	171.4		g	VanB Sull	
			31 8		16 13	12	W 0:27	3½														
3702	3714	δ Lyrae	18 34	"	16:30	5	E 0:33	2 L	10	12	12	D10		3	3	5				g	VanB VanB	
			+38 42		16:35	5	E 0:28	2½														
3703	3715	Lal 19022	9 37	April 14	7:40	20	E 0:25	8½ L	5	12	12	10		3	3	2	12.0	172.1		f	Pet VanB	House
			+43 10		8:1	20	E 0:04	9 L														
3704	3716	37 Leonis Min.	10 33	"	8 31	15	E 0:29	9½ R	5	12	12	D2		3	3	3				f	Pet VanB	"
			+32 30		8 47	15	E 0:13	10 R														
3705	3717	BD 31°2175	10 35	"	9 16	12	W 0:14	10	5	12	12	25	50°	2-3	2-3	3				f	Pet VanB	" Telescopes strikes pier
			+31 17		9 27	9	W 0:24	10½ R														
3706	3718	Grb 1830	11 47	"	9 50	20	E 0:24	2 R	5	12	12	4	90	3	3	3				f	Pet	
			+38 24																			
3708	3719	σ Coron. bor.	16 12	"	14 22	15	E 0:12	5	5	12	12	5	0	3½	3	4	+8.0	171.4		f	Pet Sull	
			34 3		14 38	15	W 0:04	5½ R														
3709	3720	BD 31°3025	17 23	"	15 03	15	E 0:45	3 R	5	12	12	45	0	3-4	3					g	VanB Pet	
			+31 8		15 19	15	E 0:28	3½														
3710	3721	BJC 8038	17 25	"	15 40	10	E 0:09	5	5	12	12	2½	0	3						f	VanB Pet	
			-0 59		15 41	10	W 0:01	5½ R														

T		Star	R.A. and Decl.	Date	C.S.T	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Telescope	Definition	Steadiness	Graininess	Temper.	Focus	Emulsion	Quality	Observers	Remarks
				1918																		
36	37	3722	β Ophiuchi	17 39 +4 36	16h 15m	8	W 0:13	11 R	10 8	12	14	I	W	2	2	3			Cramer Iso 9666	f	VanB Pet	Haze!
				April 14	16 24	9	W 0:21															
37	37	3723	BD 40° 3374	18 24 +40 39	16 42	6	E 0:05	5	t	0	12	12	N		2	2	2			Wrong field	Pet VanB	"
				"	16 49	6	W 0:02	5½											"			
37	37	3724	βGC 8038	17 25 −0 59	14 32	10	E 0:42	5	R	10	12	12	2		3	3	4	+2.0	170.2	Seed C Ortho	f	VanB Pet
				April 23	14 43	10	E 0:32	5½														Too weak! This emulsion does not bring out faint stars! Rejected.
37	37	3725	ζ Ophiuchi	17 30 +12 37	15 02	10	E 0:19	9	R	10	12	12	I		2	2	3-2			"	f	VanB Pet
				"	15 13	10	E 0:08	8½														
37	37	3726	BD 40° 3374	18 24 +40 39	16 12	6	E 0:03	5	L	0	12	12			2	2	3			"	f	VanB VanB
				"	16 18	6	W 0:03	5½														
37	37	3727	βGC 8038	17 25 −0 59	14 29	10	E 0:17	5	R	10	12	12	2		3	3	5	+2.0	170.4	Iso Fast 945-2	f	VanB Pet
				April 30	14 39	10	E 0:07	3½														
37	37	3728	ζ Ophiuchi	17 39 +4 36	14 56	10	E 0:04	11	R	10	12	14	2		"	"	"			"	f	VanB Pet
				"	15 08	10	W 0:08			8												Same plate
37	37	3729	99 Herculis	18 04 30 33	15 31	10	W 0:07	5	L	0	12	12	D		"	"	"			"	g	VanB Pet
				"	15 41	10	W 0:17	5½														Could find guiding star indicated on card.
37	37	3730	BD +20.3876	18 35 +20 33	15 55	4	E 0:01	0	R	10	12	12			"	"	"			"	g	VanB ~~Pet B~~
				"	15 59	4	W 0:03	½														
37	37	3731	"	"	16 10	6	W 0:14	½	R	"	"	"	"		"	"	"			Med. Iso 9666	f	Pet Pet
				"	16 16	6	W 0:20	0														
37	37	3702	Lal 21258	11 01 43 59	7 46	12	E 0:30	"		"	"	"	25		2	2	4	+16	172.7	Iso Fast 945-2	f	VanB Pet
				May 2	7 59	12	E 0:17	1½	L	10												Error of 2°.5 in P.A. wind shaking telescope during 2nd exposure.

	Star	R.A. and Declin.	Date	C. S. T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Stals X	Stals Y	Sect. Angle	Position Telescope	Kinem.	Steadiness	Transparency	Temper.	Focus	Rate	Quality	Observers	Remark
			1918									W									
3733	Groomb. 1830	11 48 38 24	May 2	8:30 8:48	12 12	E 0:31 E 0:18	9L	10 8	12	12	12	20°	"	2	2	3½		120 Inst. 94·5 2	f	VanB Pet	Guiding star 8 mst. same plate as 3732.
3734	Plenis	11 44 +15 5	"	9:16 9:30	12 12	W 0:18 W 0:32	2½L	8	12	7	D 20	"						"	f	VanB Pet	last exposure stopped on account of poor seeing. same plate as 3732
3735	Gabr 1830	11 47 +38 24	May 4	8:53	20	E 0:01	10½R	0	12	12	2½0		2	2	3	+16.2	172.8	"	fa	VanB	
3736	BD-1°2754	12 55 -2 13	"	9:26 9:33	6 6	E 0:36 E 0:29	8 L 8½	0	12	12	300								fa	Pet VanB	
3737	30 Drac.	17 47 +50 48	"	14 26 14 37	10 10	E 0:27 E 0:16	5 4½R	0	12	5	3 2		2	2	4	16.2	172.8		fa	VanB Sull	
3738	β Ophiuchi	17 39 +4 36	"	15 0 (15 9)	8 8	W 0:16 W 0:25)	8 11R	10	12	14	D 5		2	1	4				fa	Pet (VanB)	Only first exposure taken. Sector trouble for 2nd
3739	BD 40°3374	18 24 40 39	"	15 33 15 39	6 6	W 0:04 W 0:10	8 8½R	0	12	12	no 0		2	1	3				f	VanB VanB	
3740	BD 20°3376	18 34 +20 33	"	15:54 15:58 16:04	4 4 5	W 0:13 W 0:18 W 0:23	5 5½R 6	10	12	12	no 4								f	Pet Pet VanB	
3741	α Urs. maj	10 58 +62 17	May 7	7:40 7:50	10 10	E 0:13 E 0:03	9L	0 2	12	12	D 10		4	4	4	+17.5	172.9		gf	Pet VanB	
3742	ξ Urs. maj	11 14 +31 57	"	8:10 8:20	10 10	W 0:01 W 0:11	2½L 3	2	12	12	20		4	4	4				f	Pet VanB	
3743	Grb 1830	11 48 +38 24	"	8 39 8 52	12 12	E: 0:04 W: 0:09	10½ 11R	0	12	12	D 0		4	4	4				g	Pet VanB	

	Star	R.A and Declin.	Date	C.S.T	Expo. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scale X	Scale Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3	3744	12 Can. Venat	12 52 / 38 48	May 7	9-20 / 9:32	12 / 15	E 0:26 / E 0:13	9L	10 / 8	12	12	D 2½	0	W	3	4	4			I 20 / 9452	f	VanB / Pet.	
3	3745	β Ophiuchi	17 39 / +4 36	"	14:23 / 14:32	8 / 8	E 0:10 / E 0:01	9R	8 / 10	12	14	D 8	95	W	2	2	3	14°2	172°4	"	fp	VanB	
3	3746	99 Herculis	18 04 / 20 33	"	14:57 / 15:08	10 / 10	E 0:00 / W 0:11	0 R ½	10	12	12	D 25	0		2	2	3			"	f	VanB / Pet	Definition very poor at end of exposure.
3	3747	β Lyrae	18 46 / +33 15	May 12	14:50 / 14:59	8 / 8	E 0:31 / E 0:22	1 / 1½ L	10	12	12	D 10	0		3	3	3	9.0	171.5	"	f	Pet / VanB	
	3748	BD +20° 3876	18 35 / +20 33	"	15.12 / 15.17	4 / 4	W 0:03 / W 0:08	7½ / 8 L	0	12	12	no	0		2½	2					f	Pet / VanB	
3	3749	Cygni 6	19 9 / 49 40	"	15.38 / 15.46	8 / 8	E 0:05 / W 0:03	10 / 9½ L	0	12	12	12	5		2½	2					f	Pet / VanB	
	3750	17 X Cygni	19 43 / 33 30	"	16:04 / 16:07	3 / 3	E 0:13 / E 0:10	½ / 1 R	5	12	12	4	0		3	2	3				fp	VanB / VanB	
3	3751	Groom. 1830	11 48 / 38 24	May 14	8:19 / 8:32	12 / 10	W 0:03 / W 0:16	10½ / 11 R	0	12	12	D 15	0		3	3	4	16	172.8	"	fp	VanB / VanB	Telescope strikes pier
	3752	BD 28° 2078	12 1 / 27 59	"	8 47 / 8 59	12 / 12	W 0:17 / W 0:29	9 R / 9½	0	12	12	no	0		3-2	2	4				gfp	Pet / Pet	
	3753	δ Corvi	12 25 / -16 1	"	9 16 / 9 / 22	2 / 2 / 2	W 0:25 / W 0:28 / W 0:20	1 / 1½ L	0	12	12	1½	0		2	2	3				fp	VanB / VanB / VanB	
	3754	BD -1. 2754	12 56 / -2 13	"	9 33 / 40 / 46	6 / 6 / 6	W 0:10 / W 0:17 / W 0:23	8½ / 9 L / 9½	0	12	12	30	0		2	2	3				f	VanB / Pet / Pet	

	Star	R.A. and Declin	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepieces X	Eyepieces Z	Scales X	Scales Y	Sector	Position Angle	Division Circle	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observers	Remarks
			1918																Cramer Instt. Trs			
3	3755 ξ Ursæ maj	11 14 31 57	May 15	7:45 7:55	10 10	W 0:08 W 0:17	2 2½ I	2	12	12	D8	90°	W	3	2	4	14.0	173.1	9452	q	VanB	
3	3756 BD 28°2078	12 1 27 59	"	8:19 8:32	12 12	E 0:08 W 0:06	9 9½ K	0	12	12	20	0		4	3	3				q	VanB	
3	3757 δ Corvi	12 25 -16 1	"	8:47 8:50 8:53	2½ 2½ 2½	E 0:01 W 0:02 W 0:04	½ 1½ I	5	12	12	2	0		3-2	2	3				fe	VanB	
3	3758 BD -1°2754	12 55 -2 13	"	9:08 9:15 9:22	6 6 6	E 0:12 E 0:05 W 0:02	8½ 9 I 9½	0	12	12	30	0		2	2	3				ff	VanB Sulc	
3	3759 BD 40°3374	13 24 +40 39	"	14:37 14:43 14:50	6 5 5	E 0:10 E 0:03 W 0:02	8 8½ R 9	0	12	12	20	90		3-2	2		13.0	173.1		f	VanB	
3	3760 β Lyrae	18 46 +33 15	"	15:08 15:17	8 8	E 0:03 W 0:05	1½ I	10	12	12	D10	0		3-2	2					ng	VanB	Error in Sector.
3	3761 Cygni 6	19 9 +49 41	"	15:35 15:42	7 7	W 0:07 W 0:09	10 9½ I	0	12	12	12	5		3	3					g	VanB	
3	3762 ζ Sagittae	19 45 +18 53	"	15:57 16:07	4 4	E 0:10 E 0:06	2½ 3 I	5	12	12	3	0		2	2					f	VanB	
3	3763 ξ Ursæ Maj.	11 14 31 57	May 16	7:39 7:50	10 10	W 0:07 W 0:18	2 2½ L	2	12	12	D8	90°	W	3	2	3	21.4	173.6		p	VanB	
3	3764 Grb 1830	11 47 38 24	"	8:9 8:22	14 14	W 0:02 W 0:15	10½ 11 R	0	12	12	D15	0	W	3	2					p	Fa VanB	Helios. strikes plate on 2d exp.
3	3765 β Leonis	11 44 +15 5	"	8:42 8:55	10 10	W 0:38 W 0:51	3 L	0 2	12	12	D2	0	W							g	Fa VanB	

	Star	R.A. and Declin.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observers	Remarks
			1918																Cr. Inst.			
3766	BD -1°2754	12ʰ 52ᵐ −1°55′	May 16	9ʰ 24ᵐ 9ʰ 31	6 6	W 0:08 W 0:15	8½ g	0	12	12	30	0°	W	3	2	3			9452	g	Fa VanB	
3767	α Virginis	13 20 −10 38	"	9 57 10 15	15 15	W 0:17 W 0:35	3½R 3	0	12	12	D/Cl	0°								mg	Fa VanB	Field not suitable; to be rejected
3768	BD 40°3374	18 24 40 39	"	14:22 14:32	8 10	E 0:20 E 0:11	1 7½R	0	12	12	no	90		3-2	2	2	17.8	173.0		g	VanB	Haze!
3769	βGC 9114	19 8 38 37	"	14:54 15:03	8 10	E 0:31 E 0:25	2 2½I	10	12	12	40	0		2	2	2				f	VanB	Through clouds
3770	β Leonis	11 44 15 4	May 18	8:18 8:26 8:36	10 5 10	W 0:18 W 0:30 W 0:40	3 3L 2½	0 2 2	12	8	D2	0		3	3	3	22.4	173.8		g	VanB	Sector stops during 2nd expos.
3771	12 Can Ven.	12 52 38 48	"	8:56 9:12	15 15	E 0:08 W 0:08	9L	8 10	8	12	D10	0		3	3	3				f	VanB	
3772	BD 47°2072	13 31 47 0		9:39 9:51	10 11	E 0:05 W 0:08	10½R 11	10	12	12	no	0		2-2	3-2	2				f	VanB	Clouds rising in NW
3773	δ Corvi	12 25 −16 1	May 26	8:50 8:52 8:55	2 2 2	W 0:44 W 0:46 W 0:48	1 ½L 0	5	12	12	2	0		3	2	3	22.4	173.8		gf	VanB	
3774	BGC 6566	13 33 +36 48	"	9:16 9:29	12 11	E 0:01 W 0:15	1 ½L	0	12	10	D20	0		3	3	2				gf	VanB	Haze rising in SW
3775	δ Corvi	12 25 −16 1	May 30	7:58 8:01 8:04	2½ 2½ 2½	W 0:09 W 0:12 W 0:15	1 1½L 2	5	12	12	2	0		3	2	3	23.5	173.9		f	VanB Fa VanB	
3776	12 Can. Ven.	12 52 38 48	" "	8:18 8:22	5 10	W 0:01 W 0:15	9L	8 10	8	12	D10	0		4	3	3				f	VanB Fa	

	Star	R.A. and Declin.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector
			1918								
3777	WB 13h 241	13 15 35 36	May 30	8:51 8:57	8 4	W 0:15 W 0:21	4 L 4½	0	12	12	25
3778	Oxford 25° 8606	13 55 25 37	" "	9:14 9:27	12 12	E 0:06 W 0:07	2½ R 3	0	12	12	
3779	BJC 6842	14 18 8 54	" "	9:54 10:06	10 10	W 0:12 W 0:23	10 R 10½	0	12	12	2
3780	δ Corvi	12 25 −16 1	May 31	8:02 8:05 8:07	2½ 2½ 2½	W 0:15 W 0:17 W 0:20	1 ½ L 0	5	12	12	2
3781	Oxf 25° 8606	13 55 25 37	"	9:11 9:24	12½ 12	E 0:05 W 0:07	2½ R 3	5	12	12	no
3782	Arcturus	14 11 +19 38	"	9:47 9:58	10 10	W 0:15 W 0:26	9 9½ R	5	12	12	D1 1 Cap
3783	BD −1° 2754	12 55 −2 13	June 1	8:11 8:17	6 6	E 0:01 W 0:05	8½ L 9	0	12	10	30
3784	"	"	"	8:27 8:34	6 6	W 0:14 W 0:20	9 8½ L	0	12	10	30
3785	β 612	13 35 +11 12	"	9:04 9:26	20 2	W 0:13 W 0:35	8 9½ L	5	12	12	2
3786	BJC 6842	14 58 +23 54	"	9:54 10:05	10 10	W 0:19 W 0:30	10 R 10½	0	12	12	2
3787	12 Can. Ven.	12 52 +38 48	June 2	8:13	15	W 0:08	9 L	8	8	12	D10

Position Angle	Printing Density	Definition	Hardness	Transparency	Temp.	Focus	Emulsion	Quality	Observers	Remarks
0	W	3	3	3			C.P.I. 9452	f	Van B Fa	
0		3	3	3				g	Van B Fa	
0		2½	2	2				f	Van B Fa	
0		3	2	3	25.0	174.3	9452	f	Van B	
0		3	2	3			9452	g	Van B	
0		2	2	3			9465	f	Van B	Lightning in NW
0		3	3	2	21.6	173.4		f	Van B	Wrong setting
0		3	3	2				f	"	Cirri. Wrong setting
0		3	3	1				g	Van B	Sky thick - ½ time effective
0		3	3	2				g	Van B	
0		3	3	4	22.2	173.8		g	Van B	Only 1 exposure

	Star	R A and Decl.	Date	C.S.T. Angle	Expos. Time	Hour Angle	Eye-piece X	Eye-piece Z	Scales X	Scales Y	Sector	Position Angle	Telescope	Diff. Fring.	Sharpness	Luminosity	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3788	BD-1°2754	12h 55m −2° 13'	June 2	8:33 8:39	6 6	W 0:22 W 0:30	8 I 8½	0	12	10	30	W°	W	3	3	4			Cramer Iso 9465	f	VanB Sull	Wrong setting
3789	B 612	13 35 +11 12	"	8:59 9:16	15 15	W 0:10 W 0:28	8½ I 8½	5	12	12	2	0°							"	g	VanB Sull	"
3790	BGC 6842	14 18 +8 54	"	9:35 9:46	10 10	W 0:04 W 0:14	10 10½ R	0	12	12	2	0°							"	g	VanB	
3791	BD −1°2754	12h 55m −2° 13'	" 4	8:16 8:24	6 6	W 0:14 W 0:23	8½ L 9	0	12	10	30	0		2	2	1	22.5	173.8	"	f	VanB Fa	Thin Clouds!
3792	"	"	"	8:35 8:43	6 6	W 0:33 W 0:41	8½ L 9	0	12	10	30	0							"	p	VanB Fa	"
3793	BGC 4114	19 8 +38 37	June 6	14:16 14:23	6 6	W 0:10 W 0:17	2½ L 2	10	12	12	40	0		2	2	3	16.2	172.9		f	VanB	
3794	χ Cygni	19 43 +33 30	"	14:35 14:39 14:43	4 4 4	E 0:05 0 0:00 W 0:04	0 ¼ R ½	5	12	12	4	0		2	2	3				f	VanB	
3795	ζ Sagittae	19 45 +18 53	"	14:56 15:05		W 0:15 W 0:23	2½ 3 L	5	12	12	2	0		2	2	3				g	VanB	
3796	BD 5°4556	20 20 +5 47	"	15:25	8	E 0:04	8 L	10	12	12	20	0		2	2	3				ng	VanB	Only 1 expos. - Daylight interfers
3798	ζ Sagittae	19 45 +18 53	June 12	14:00 14:05	4 4	E 0:18 E 0:13	2½ 3 L	5	12	12	2	0		3	3	4	12.2	172.1		g	VanB	
3799	α Aquilae	19 46 +8 37	"	14:25 14:31	5 5	W 0:05 W 0:11	8 8½ R	5	12	12	D 3									g	VanB	

	Star	R.A and Decl.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Printing Telesc.	Definition	Density	Transparency	Temper.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3800	BGC 10289	20 27 −10 12	June 12	14:47 14:54	6 6	E 0:12 E 0:05	10 T 10½	8	12	12	4	0	W	2	3	4	12.2	172.1	9465	g	VanB	
3801	α Cygni	20 38 +44 55	June 12	15:10 15:18	8 6	0:00 W 0:05	7 7½ R	8	12	12	D 2	0		3	3	4			"	f	VanB	
3802	66 ν Cygni	21 14 +34 29	June 12	15:32 15:39	6 6	E 0:15 E 0:08	6½ 6 R	10	12	12	3	0		2	3	4			"	f	VanB	
3803	66 ν Cygni	21 14 +34 29	June 13	15:26 15:33	6 6	E 0:16 E 0:11	6½ 6 R	10	12	12	3	0		3	3	2	18.8	173.2	"	g	VanB	
3804	B.G.C. 6842	14 18 +8 54	June 20	8:27 8:39	10 10	W 0:08 W 0:19	10½ R 11½	0	12	12	3	0		3¾	8	4	20.5	173.5	"	g	Pettit Steele	10-10½R falls within danger zone.
3805	44i Bootes	15 1 47 59	"	8:59 9:11	10 10	E 0:04 W 0:08	8L 8½	0	12	12	2	90		3¾						g	Pettit.	guiding star bright.
3806	WB. 15-1323	15 55 28 01	"	9:36 9:50	12 12	E 0:20 E 0:05	4 4½ R	2	12	12	20	5		3						g	Steele Pettit.	guiding star faint.
3807	μ² Bootis	15 21 +37 42	June 23	9:05 9:15	8 8	E 0:05 W 0:05	5½ 2½ L	10	12	12	8	0		3²	4-3	4-3	19	173.4		f	Pettit Steele	haze, coming over guiding star v. ft.
3808	Cal 29439	16 3 38 52	"	9:36 9:52	14 14	E 0:20 W 0:01	5 5½ L	10	12	12	30	0		3½ to 2						g	Pettit Steele	Haze
3809	BGC 10289	20 27 −10 12	June 26	14:15 14:25	8 8	W 0:10 W 0:20	10 10½ L	8	12	12	4	0		2	3	3	18.2	173.1	9740	f	VanB	g. Star almost invis- (
3810	66 Cygni	21 14 34 29	"	14:42 14:48		E 0:10 E 0:04	6 6½ L	10	12	15	3	0		2	2	3					VanB	Sector trouble on 1st expos.

	Star	R.A. and Decl.	Date	C.S.T	Exposure Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Plates	Quality	Observers	Remarks
			1918				I															
3811	71 g Cygni	21 25 / 46 6	June 26	15:03 15:08 15:13	4 4 4	W 0:00 W 0:04 W 0:09	0.8 0.4 0.0	5	12	12	3	0	W	2	2	3			9740	g	VanB	E. Rg. not focus
3812	μ² Bootis	15 21 / 37 42	June 30	8:41 8:50	8 8	E 0:01 W 0:07	2 2½	10	12	12	8	0	W	3	3	4	15	172.6		f	Van B St.	
3813	WB 15h 1323	15 55 / 28 1	"	9:08 9:22	12 12	E 0:12 W 0:04	4 4½	R 2	12	12	20	5	W	3	2	4				f	Van B. St.	
3814	ζ Herculis	16 38 / 31 44	"	9:43 9:53	8 8	E 0:16 E 0:07	3 3½	R 5	12	12	D 8	90	W	3	2	4				f	Van B St	
3815	BGC 7783	16 49 / 28 47	"	10:06 10:12 10:19	5 5 5	E 0:02 W 0:03 W 0:09	5½ 5½ 4½	R 10	12	12	25	90	W	3	2	4				f	Van B St. St	
3816	BGC 10289	20 27 / −10 12	"	13:54 14:2	6 6	W 0:05 W 0:13	10 10½	L 8	12	12	4	0	W	2	2	4	12.2	172.1		p	VanB St	
3817	Lal 40844	21 1 / +6 44	"	14:16 14:27	8 11	E 0:06 W 0:04	7 7½	R 8	12	12	None	0	W							g	Van B St	Passing clouds
3818	Lal 40844	21 1 / +6 44	"	14:41 14:50	8 8	W 0:18 W 0:27	7½ 7	R 8	12	12	None	0	W							f	Van B St.	
3819	Cephei	22 1 / 64 11	"	15:12 15:24	10 10	E 0:10 W 0:01	0 0.4	R 5	12	12	2	0								f	Van B St.	
3820	μ² Bootis	15 21 / 37 42	July 2	8:29 8:38	8 8	E 0:08 W 0:03	2 2½	L 10	12	12	6	0		3	3	3	24.0	174.1		g	VanB	
3821	WB 15h 1323	15 55 / 28 1	"	8:55 9:08	12 12	E 0:14 E 0:03	4 4½	R 2	12	12	20	5	W	4	3	2				g	VanB	

	Star	R.A. and Decl.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Disc.	Definition	Steadiness	Transparency	Temp.	Focus	Equation	quality	Observer	Remarks
			1918	h m	m																	
3822	ζ Herculis	16h 38m +31° 44′	July 2	9: 29	6	E0: 22	3	R	5	12	12	D8	90°	W	4	3	2			g		Van B
3823	BGC 7783	16 49 +28 47	"	9: 35	6	E0: 16	3½	R	5	12	12	D8	90°	W	4	3	2			g		Van B
				9: 46	4	E0: 16	4½															
				9: 51	4	E0: 12	5	R	10	12	12	25	90°		3	3	3			g		Van B
				9: 56	4	E0: 06	5½															
3824	Lal 40844	21 0 +6 44	"	14: 01	10	E0: 14	7	R	10	12	12	none	0		3	3	2	20.2	173.4	g		Van B St (Thin clouds)
				14: 13	8	E0: 03	7½															
3825	α Cephei	21 16 62 10	"	14: 31	8	W0: 01	4	R	10	12	12	D2	0							g		Van B St Clear
				14: 40	8	W0: 10	6½															
3826	Lal 42128	21 33 -2 45	"	15: 02	5	W0: 15	3															
				15: 10	5	W0: 22	3½	L	0	12	12	none	270							f		Van B St. (Thin Clouds)
3827	Munich I 31343	22 34 +2 0	"	15: 23	5	E0: 24	7½															
				15: 29	8	E0: 18	8½	L	5	12	12	none	0		2	2	2			f		Van B St " "
3828	Br 2792	21 22 +46 22	July 9	13: 58	6	E8: 18	5															
				14: 8	6	0: 00	4½	R	0	12	12	5	0		2-4	3	4	15.4		g	Van B St	Experiment plate
3829	Lal 42128	21 33 -2 45	"	14: 22	4	W0: 02	3															
				14: 27	4	W0: 07	3½	L	5	12	12	none	270		2	2				f	Van B Van B	
3830	"	"	"	14: 36	4½	W 0: 16	3½															
				14: 42	4½	W 0: 22	3	L	5	12	12	"	"		2-3	2				f	St St	
3831	WB 22h 82	22 6 22 15	"	14: 58	10	W0: 07	3															
				15: 9	10	W0: 18	3½	L	0	12	12	40	0		3	2				g	Van B St	faint cond.
3832	Lal 44739	22 47 +9 18	"	15: 24	8	E0: 11	4½															
				15: 33	9	E0: 01	5	R	5	12	12	2½	0							f	Van B St	guiding star faint (clouds)

	Star	R.A. and Decl.	Date	G.M.T.	Exposure time	Hour Angle	Eyepiece X	Eyepiece L	Scales x	Scales y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3	3833	16 38	July 10	9:11	6	E0:10	3	5	12	12	D8	0	W	3	2	3	20.5	173.5	9740	f	Van B St	
		31 44		9:18	6	E0:03	3½ R															
3	3834	BGC 7783	"	9:29	4	E0:03	4½	10	12	12	25	0								g	Van B St	
		16 49		9:42	5	W0:10	5 R															
3	3835	77 Herculis	"	9:59	8	E0:09	1	10	12	12	3	"								f	Van B St	Thin clouds -
		17 24					½ R															
3	3836	μ Cygni	"	14:40	10	W0:18	5	10	12	12	D10	20								f	Van B	Thin clouds. (expos. only
		21 40		14:51	10	W0:29	5½ R															
	3837	WB 22 h 82	"	15:08	10	W0:19	3	0	12	12	40	0		2	3	3	15.6	172.7		fp	Van B St	
		22 6		15:19	10	W0:28	3½ L															
3	3838	Mü I 31343	"	15:34	5	W0:17	7	5	12	12	none	0		3	3					f	Van B St	
		22 34		15:40	5	W0:23	7½ L															
		+2 0		15:47	5	W0:30	7½	2														
3	3839	μ Cygni	July 11	14:05	10	E0:12	5	10	12	12	D10	0:								g	Van B St	
		21 40		14:16	10	E0:02	5½ R															
3	3840	ξ Cephei	"	14:34	10	E0:06	0	5	12	12	2	"								f	Van B St	
		22 1		14:45	10	W0:05	0.4 L															
3	3841	Mü I 31343	"	14:58	5	E0:14	6½	5	12	12	none	20								f	Van B St	
		22 34		15:5	5	E0:08	7 L															
		+2 0																				
	3842	"	"	15:14	5	W0:02	7	"	"	"	"	"							9740	f	Van B Van B	
				15:19	5	W0:07	6½ L															
	3843	Lal 44739	"	15:31	7	W0:05	4	5	12	12	2½	0		3-4	3-4		16.8	173.0		g	Van B Van B Van B	Clouds.
		22 47		15:38	6	W0:12	4½ R															
		+9 18																				

	Star	R.A. and Decl.	Date	C.S.T.	Exposure Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Haziness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
3855	Krueger 60	22h 25m +57° 20	1918 July 17	14h 27m 14 32 14 36	3 3 3	E 0:13 E 0:09 E 0:04	10½ R 11 R 11¼	10	12	12	none	90	W	3	3	3	21.2	173.6	9740	f	Van B. St	Clouds before g!
3856	BD 13°5006	22 47 +13 31	"	14 : 53 15 : 6	12 12	E 0:06 W 0:05	6 R 6½	1	12	12	10	90		3	3					g	Van B St.	Clouds after 1st exp.
3857	α Pegasi	22 59 +14 40	"	15 : 22 15 : 29	6 6	W 0:08 W 0:15	11 L 11½	1	12	12	D4	0		3	2					g' h	Van B	Clouds Only 5 min. expos. about!
3858	BGC 12404	23 24 30 17	"	15:46 15 : 52	5 5	W 0:05 W 0:11	4 R 4½	10	12	12	25	0		2	2	4	17.0	172.9		g	Van B St	
3859	BD 13°5006	22 47 +13 31	July 18	13 : 56 14 : 12	15 15	0 : 00 W 0:15	6 R 6½	1	12	12	10	0		2-3	2	4				g	Van B St	
3860	ξ Herculis	16 38 31 44	July 20	8 : 24 8 : 32	6 6	E 0:18 E 0:10	3 R 3½	5	12	12	D8	0		2	2					g	Van B St	
3861	BGC 7783	16 49 +28 47	"	8 : 42 9 : 06	4 4	E 0:11 W 0:15	4½ R 5	10	12	12	25	0		2	2	3	14.9	172.5		g	Van B St	
3862	"	"	"	9 : 14 9 : 19	4 4	W 0:21 W 0:26	5 4½ R	10	12	12	25	0		3	3	3				g	Van B St	
3863	α Ophiuchi	17 30 +12 37	"	9 : 32 9 : 46	10 10	E 0:02 W 0:11	8 8½ R	10	12	12	D2	0		3	2					g	Van B St	
3864	55 Aquarii	22 23 -0 32	"	14 : 20 14 : 32	12 12	E 0:07 W 0:05	5 5½ R	0	12	9	D10	"								f	Van B St	
3865	BD 13°5006	22 47 +13 31	"	14 : 58 15 14	15 15	W 0:07 W 0:23	6 R 6½	1	12	12	10	0								f	Van B St	* Star difficult! Dawn-

	Star	R.A. and Decl.	Date	C.S.T.	Exposure Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Hardness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3844	MüI 31343	22 34 +2 0	July 13	14:56 / 15 2	5 / 5	E0:08 / E0:02	6½L / 7L	5	12	12	none	0 / 1	W	3	3	3			9740	g	St	
3845	Lal 44739	22 47 +9 18	"	15:12 / 15 20	7 / 7	E0:05 / W0:02	4 / 4½R	5	12	12	2½	0								g	Van B St	
3846	"	"	"	15:30 / 15:38	7 / 7	W0:12 / W0:19	"	"	"	"	"	0								g	Van B St	Same plate as 3854.
3847	BGC 12608	23 47 74 59	"	15:55	6	E0:22	5 / 5½L	0	12	12	12	180		4						g	Van B St	
3848	ζ Cephei	22 1 64 11	July 16	14:22 / 14 33	10 / 10	W0:03 / W0:13	0 / 0.4L	5	12	12	2	0		4	4	3	20.0	173.4		f	Van B. St	Clouds coming at end
3849	MüI 31343	22 34 +2 0	"	14:46 / 14:53	5 / 5	E0:06 / E0:01	6½L / 7L	5	12	12	none	90		3	3	3	28.0	174.7		f	Van B St	
3850	Lal 44739	22 47 +9 18	"	15:02 / 15:10	7 / 7	E0:03 / W0:04	4 / 4½R	5	12	12	2½	90								f	Van B St	Sector trouble in meantime
3851	"	"	"	15:22 / 15:29	7 / 7	W0:17 / W0:24	"	"	"	"	"	90								g	St St	
3852	BGC 12608	23 47 74 59	"	15:43 / 15:50	6 / 6	E0:22 / E0:16	5L / 5½L	0	12	12	12	0								g	Van B St	Clock runs slow
3853	"	"	"	15:59 / 16:04	4 / 4	E0:06 / E0:01	"	"	"	"	"	0		3	3	3				g	Van B St	
3854	Kruger 60	22 25 57 20	July 17	14:08 / 14:12 / 14:20	2 / 3 / 3	E0:31 / E0:29 / E0:21	11 / 11½R / 10½	10	12	12	none	0								gf	Van B St	

	Star	R.A. and Declin.	Date	C.S.T.	Exposure Time	Hour-Angle	Eyepiece X	Eyepiece 2	Scales X	Scales Y	Sector	Position Angle	Position Reversible	Definition	Steadiness	Transparency	Temper.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3866	BGC 12404	23 24 30 17	July 20	15:32 15:39	6 6	W0:03 W0:06	4 4½R	10	12	12	25	180	W	3	3	3			9740	g	Van B St	
3867	BGC 12608	23 47 74 59	"	15:53 16:0	6 6	W0:02 W0:09	7½L 8L	0	12	12	12	20		2	2	3				g/p	Van B St	
3868	ζ Herculis	16 38 31 44	July 21	8:12 8:19	6 6	E0:26 E0:19	3 3½R	5	12	12	D8	90		3	3	3	27.8	174.7		f	Van B St	
3869	BGC 7783	16 49 28 47	"	8:30 8:36	4 4	E0:18 E0:12	4½ 5R	10	12	12	25	96								f	Van B Van B	Error 6° in Pos. angle.
3870	"	"	"	8:45 8:49	4 4	E0:04 W0:01	5R 4½	10	12	12	25	90								f	St St	
3871	BD+31°3025	17 23 31 7	"	9:08 9:24	15 15	E0:14 W0:01	3½ 4R	5	12	12	90	0		4	3	3				g	Van B St	
3872	β Ophiuchi	17 39 +4 36	"	9:44 9:54	8 8	W0:07 W0:16	10R 10	8	12	14	D8	95		2½	3	3				f	Van B St	
3873	BGC 7783	16 49 28 47	July 24	8:40 8:44	3 3	W0:05 W0:09	4½R 5	10	12	12	25	90		3	3	3	24.5	174.1		g	Van B Van B	
3874	"	"	"	8:51 8:55	3 3	W0:15 W0:19	5R 4½	10	12	12	25	90		3						f	St St	
3875	77 Herculis	17 24 48 19	"	9:09 9:13	4 6	E0:04 W0:02	1R 1½	10	12	12	3	0		4	4	4				vg	Van B St	
3876	β Ophiuchi	17 39 +4 36	"	9:29 9:36	6 6	W0:03 W0:10	8 10R	10	12	14	D8	5		3						g	Van B St	Same plate as 3873

	Star	R.A. and Decl.	Date	C.S.T	Expos. Time	Hour-Angle	Eye-piece X	Eye-piece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Reading	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3877	Barnard 81	17-54 +4-27	July 24	9:48 9:52 9:56	4 3 4	W0:06 W0:10 W0:14	½L 2	5	12	12	none	0	W						9740	vg	Van B Van B St	
3878	η Aquarii	22 32 −0 38	"	14:33 14:42	8 9	W0:14 W0:24	6 6½R	10	12	12	D8	0		3	3	1	22.6	174.0		lf	Van B	Thin clouds!
3879	α Pegasi	22 59 +14 40	"	14:57 15:6	8 8	W0:12 W0:21	11½L	1	12	12	D4	0								vg	Van B St	
3880	BGC 12404	23 24 30 17	"	15:22 15:27	5 4	W0:09 W0:14	4 4½R	10	12	12	25	180		4						vg	Van B St	Same plate as 3877.
3881	2 Andr.	0 3 28 35	"	15:48 15:57	9 9	E0:08 W0:08	4R 4½	5	12	12	D1	0		4						fe	Van B St	Clouds. "
3882	μ Draconis	17 4 54 34	July 25	8:38	12	E0:09	5½L 5½	10	12	12	D25	0		2						ng	Van B	Sector broke after 8m.
3883	BGC 8038	17 25 −0 59	"	9:15 9:27	10 10	W0:06 W0:18	5R 5½	10	12	12	2½	0		3	2	2				f	Van B St	
3884	Draconis	18 22 71 17	"	9:47 9:59	12 12	E0:19 E0:06	8 8½L	10	12	12	D20	0		2	2	2				ff	Van B St	
3885	μ Draconis	17 4 54 34	July 27	8:16 8:29	12 12	E0:22 E0:10	5 5½L	10	12	12	D25	0		2-3	3	4	24.0	174.1		lg	Van B St	
3886	BD +31° 3025	17 23 31 7	"	8:50 9:06	15 15	E0:07 W0:07	3½R 4	5	12	12	90	0		2	2	4				ff	Van B St	
3887	β Ophiuchi	17 39 +4 36	"	9:25 9:35	8 8	W0:12 W0:20	11R	10 8	12	14	D8	95		2-	2-	4				fe	Van B St	

	Star.	R.A. and Decl.	Date.	C.S.T.	Expos. time.	Hour Angle.	Eyepiece. X	Eyepiece. Z	Scales. X	Scales. Y	Sector	Position Angle.	Position of electric	Definition.	Steadiness.	Transparency.	Temp.	Focus	Emulsion.	Quality.	Observer.	Remarks.
			1918																			
3888	BD 40°.3374	18 24 40 39	July 27	9:56 10:02	5 5	E0:02 W0:03	7 T½R	0	12	12	none	90	W						9740	f	Van B St	
3889	α Pegasi	22 59 +14 40	July 30	14:19 14:28	8 8	E0:04 W0:04	11L 11½	1	12	12	D4	0		2	2	4	13.5	172.3		g	Van B St	
3890	BGC 12404	23 24 30 17	"	14:43 14:50	6 6	E0:04 W0:01	4R 4½	10	12	12	25	180		3	2					g	Van B St	
3891	"	"	"	15:00 15:07	6 6	W0:11 W0:17	4½ 4R	10	12	12	25	180		2½	2					g	Van B St	
3892	γ Pegasi	0 8 +14 38	"	15:34 15:45	10 10	W0:02 W0:13	0	(3) (5)	12	12	D3	180		2	2					g	Van B St	
3893	η Cass.	0 43 57 17	"	16:03 16:09	5 5	E0:03 W0:02	7L 7½	10	12	18	D18	0		3	3					g	Van B St	
3894	ν Draconis	17 4 54 34	July 31	8:11 8:25	12 12	E0:11 W0:02	5L 5½	10	12	12	D25	0		2	2	4	20.2	173.4		g	Van B St	
3895	77 X Herculis	17 24 48 19	"	8:42 8:51	8 8	E0:02 W0:06	1R 1½	10	12	14	4	0		2	2					g	Van B St	
3896	3 Ophiuchi	17 39 +4 36	"	9:08 9:18	8 8	W0:10 W0:20	11R	(10) (8)	12	14	D8	95		2	2					hf	Van B St	
3897	BD 40° 3374	18 24 40 39	"	9:36 9:44	6 6	E0:08 0:00	7R 7½	0	12	12	None	90		2-3	2					f	Van B St	
3898	α Pegasi	22 59 +14 40	"	14:16 14:25	8 8	E0:03 W0:06	11L 11½	1	12	12	D4	0		3	3		17.6	173.0		g	Van B St	

	Star.	R.A. and Decl.	Date.	C.S.T.	Expos. time.	Hour Angle.	Eye-piece X	Eye-piece Z	Scales X	Scales Y	Sector	Position Angle.	Position Telesc.	Definition.	Steadiness.	Transparency	Temp.	Focus.	Emulsion	Quality.	Observer.	Remarks.
			1918																			
3899	βGC 12404	23 24 30 17	July 31	14:38 14:44	5 5	E0:05 0:00	4R 4½	10	12	12	25	180	W	3	2	2			9740	g	VanB St	
3900	BD −8°6177	23 38 −8 27	"	15:06 15:20	12 12	W0:08 W0:22	6L 6½	10	12	12	none	0		2½						g	VanB St	
3901	α Cass.	0 34 55 59	"	15:40 15:51	10 10	E0:15 E0:04	9L 10	10	12	12	D2	0		2						g	VanB St	
3902	η Cass	0 43 57 17	"	16:05 16:10	5 5	W0:03 W0:08	7L 7½	10	12	18	D18	0		2						g	VanB St	
3903	β Ophiuchi	17 39 +4 36	Aug 1.	9:15 22	6 6	W0:21 W0:28	11R	8 10	12	14	D8	95		3	2	4	21.8	173.7		g	VanB St	Cloudy before 9
3904	BD 40°.3374	18 24 40 39	"	9:36 9:40	4 4	E0:03 W0:07	7R 7½	0	12	12	None	90		4	3	4				vg	VanB St	
3905	BD +20°.3876	18 34 +20 33	"	9:53 57	4 4	W0:03 W0:07	9½L 10	0	12	12	none	0		4	3	2				g	VanB Van B	
3906	ζ Cassiopeiæ	0 35 +56 0	"	15:33 16:45	10 10	E0:17 E0:05	9½L 10	10	12	12	D2	0		4	3	2	20.0	173.4		g	VanB VanB	
3907	BD 63°137	1 1 +63 28	"	16:02 :07	9½ 10	E0:13 E0:08	9½R 9	10	12	12	14	90°		2	2	3				f	VanB VanB	Seeing suddenly very poor
3908	77 Herc.	17 24 48 19	Aug 3	8:23 8:33	8 8	E0:11 0:00	11R	10	12	14	4	0		3	3	1	22.0	173.7		g	VanB St	Thick before 8¼
3909	β Ophiuchi	17 39 +4 36	"	8:47 8:57	8 8	0:00 W0:09	11R	8 10	12	14	D8	95		3	3	2				g	VanB St	Clouds during 1st part

	Star	R.A. and Decl.	Date	C.S.T.	Expos. time.	Hour angle	Eye piece	Scales X	Scales Y	Sector	Position Angle	Position telescope	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observers	Remarks.
			1918																		
3910	Barnard's P.M. *	17 54 +4 27	Aug 3	9:09 9:13 9:18	4 4 4	W0:07 W0:11 W0:16	1½L	10	12	12	none	0	W	3	3	2			9740	g	Van B Van B Van B	
3911	BGC 8663	18 31 16 54	"	9:24 9:43	8 8	E0:10 W0:07	6½L 7L	0	0	8	3	0		4 3	3 3	2				g	Van B St	Clouds.
3912	α Pegasi	22 59 +14 40	"	14:14 14:23	8 8	W0:06 W0:15	11L 11½	1	12	12	D4	0		4	3	2	19.0	173.2		g	Van B St.	
3913	BD-8° 6177	23 38 -8 27	"	14:52 15:7	12 13	W0:07 W0:21	5L 5½	8	12	12	Small 90	0		4	3	1				g	Van B St	Clouds. Thick
3914	α Cass	0 34 55 59	"	15:24 15:31	6 6	E0:17 E0:10	9½L 10	10	12	12	D2	0		4	4	2				g	Van B St	
3915	Chron P.M. * W=L 33	0 46 57 50	"	15:45	8	E0:07	1R	10	12	12	North	0								g	Van B	Clouds after 1st expos.
3916	μ Draconis	17 4 54 34	Aug 4	7:58 8:11	12 12	E0:10 W0:03	5L 5½	10	12	12	D25	0		4	3	3	26.0	174.3		g	Van B St	
3917	BD +31° 3025	17 23 31 7	"	8:28 8:39	10 10	0:00 W0:11	3½R 4	2	12	12	90	0		4	3	2				g	Van B St	
3918	β Ophiuchi	17 39 +4 36	"	8:54 9:01	6 6	W0:14 W0:18	11R	8 10	12	14	D8	95		3	3	2				g	Van B St	
3919	β 639	18 13 -18 39	"	9:25 9:33	6 6	W0:08 W0:15	3¾R 4	10	12	12	30	0								gf	Van B St	
3920	BD-8° 6177	23 38 -8 27	"	14:29 14:42	12 12	E0:13 0:00	5L 5½	8	12	12	Small 90	0		3	3	2	23.0	173.9		g	Van B St	

	Star.	R.A. and Decl.	Date	C.S.T.	Expos. time.	Hour angle.	Eye-piece	Scales X	Scales Y	Sector	Position Angle.	Position talked to.	Definition.	Steadiness.	Transparency	Temp.	Focus	Emulsion.	Quality.	Observer.	Remarks.
			1918																		
3921	α Andr.	0 3 / 28 35	Aug 4	15:04 / 15 20	15 / 15	E0:03 / W0:13	4R / 4½	5	12	12	D1	0	W	4	3	2			9740	g	Van B St	Clouds stop 2d expos. after 5 min. Started again after 6 min.
3922	B.D 63° 137	1 1 / 63 28	"	15:52 / 15:57	3 / 4	E0:11 / E0:07	9R / 9½	10	12	12	None	90		4	3	2				g	St St	Clouds during 2nd exposure.
3923	α Ophiuchi	17 30 / +12 37	Aug 7	8:26 / 8:38	10 / 10	W0:07 / W0:14	8 / 8½R	10	12	12	D2	0		2			25.0	174.3	"	f	St Van B	Clouds at end of expos.
3924	Barnard PM*	17 54 / +4 27	Aug 10	8:32 / 8:38 / 8:43	5 / 5 / 5	E0:02 / W0:03 / W0:09	1 1/2 / 1 1/2 / 2	10	12	12	none	0		3			27.0	174.5	"	g	Van B Van B St	Thin clouds
3925	3639	18 13 / −18 39	"	8:59	8!	W0:05	3½ ✱R	10	12	12	20	0								lg	Van B	Clouds after 3½ min started again after 5 m.
3926	α Andr.	0 3 / 28 35	"	14:28 / 14:46	18 / 18	E0:15 / W0:03	4 / 4½R	5	12	12	D1	0		3	2					f	Van B St	
3927	Anon PM 11.5	0 46 / +57 50	"	15:08 / 15:16	8 / 8	E0:18 / E0:04	1 R / 1½	5	12	12	none	0		3						g	Van B St	
3928	BGC 8038	17 25 / −0 54	Aug 14	7:52 / 8:03	10 / 10	W0:01 / W0:12	5R / 5½	10	12	12	2½	0		3	2	2	21.2	173.6	"	f	Van B Van B	
3929	Barnard PM*	17 54 / +4 27	"	8:14 / 8:20 / 8:27	5 / 5 / 5	E0:04 / W0:02 / W0:09	1 / 1½ / 2	10	12	12	none	0		3	2	2				f	Van B St St	Partly cloudy
3930	BGC 8038	17 25 / −0 59	Aug 18	7:42 / 7:53	10 / 10	W0:07 / W0:17	5R / 5½	10	12	12	2½	0		2	2	3	21.0	173.5	"	f	Van B St	
3931	BD 40° 3374	18 24 / 40 39	"	8:12 / 8:19	6 / 6	E0:21 / E0:14	7R / 7½	0	12	12	none	90		2	2	2				p	Van B St	

	Star.	R.A. and Decl	Date	C.S.T.	Expos. time.	Hour angle.	Eyepiece X	Eyepiece Z	Scales x	Scales y	Sector	Position angle.	Position telesc.	Definition.	Steadiness.	Transparency.	Tenth.	Focus.	Emulsions.	Quality.	Observer.	Remarks.
			1918																			
3 3	3932 α Lyrae	18 34 38 42	Aug 18	8:34 8:39 8:47	4 5 4	E0:09 E0:04 W0:02	2L 2½	10	12	12	D leg ½	0	W	2	2	2			9740	p	Van B Van B St	Clouds.
3	3933 π Pegasi	0 8 14 38	"	14:20 14:34	12 12	W0:03 W0:17	0	3 5	12	12	D3	180		2			18.8	1731		g	Van B St	
3	3934 Anon ℞M ✱ 11.5	0 46 57 50	"	14:54 15:5	10 10	0:00 W0:10	1R 1½	5	12	12	none	0		2						g	Van B St	
3	3935 BD 63°137	1 1 63 28	"	15:18 15:22 15:25	3 2½ 2½	W0:08 W0:12	9R 9¼ 9½	10	12	12	none	90		2						f	Van B Van B St	
	3936 ε Cass	1 48 63 14	"	15:51 15:57	6 6	E0:05 W0:02	4 4½L	10	12	12	D 10	0		2						g	Van B Van B	
3	3937 48 Cass	1 54 70 28	"	16:15 16:24	8 6	W0:12 W0:20	4½ 5R	10	12	12	3	180		3						g	Van B Van B	
	3938 α Ophiuchi	17 30 +12 37	Aug 21	7:37 7:46	8 8	W0:09 W0:18	8R 8½	10	12	12	D2	0		3			28.0	1747	"	g	Van B St	
	3939 B 639	18 13 -18 39	"	8:02 ~~8:11~~	8 ~~8~~	E0:~~10~~ 9	3½R	10	12	12	Sect 2	0		3						g	Van B	Clouds!
	3940 α Lyrae	18 34 +38 42	"	8:28 8:33	4 4	0:00 W0:03	2L 2½	10	12	12	D leg	0		3						g	Van B St	
	3941 BD +20° 3876	18 34 +20 33	"	8:42 8:46 8:50	5 4 3	W0:08 W0:13 W0:17	9½L 9½ 10	0	12	12	none	0		3-4	3					g	Van B St St	
	3942 BGC 9114	19 8 38 37	"	9:03 9:08	5 5	E0:03 W0:03	1L 1½	10	12	12	25	0		4	3					g	Van B St	I changed Chart

Star	R.A. and Decl.	Date.	C.S.T.	Expos time.	Hour Angle	Eye piece	Scales x	Scales y	Sector	Position Angle.	Position telescope	Definition.	Steadiness	Temp	Focus	Emulsion	Quality	Observer	Remarks.
		1918																	
3943 γ Aquilae	19 41 +10 23	Aug 21	9:26	8	E0:14	8½ L	5	12	12	D+5	0	W	3				9740	f	VanB	Clouds after 5 min.
3944 13 Ceti	0 30 −4 5	"	14:41	15	W0:14	2½ L	10	12	12	2	0	w	3	3	2	24.0	174.0	ff	VanB	Clouds after 1st exp.
3945 ζ Ophiuchi	17 30 +12 37	Aug 22	7:36 7:48	10 10	W0:12 W0:24	8 R 8½	10	12	12	D2	0		3	3	3	27.5	174.7	g	VanB St	
3946 BGC 8663	18 31 16 54	"	8:4 8:13	7 8	E0:20 E0:13	6½ L 7	0	12	8	10	0		3	2	3			g	VanB St	
3947 ζ Lyrae	18 34 38 42	"	8:24 8:29 8:34	4 4 4	E0:02 W0:02 W0:06	2 L 2½ 2½	10	12	12	D lleft	0		3	2	3			f	VanB VanB St	Thin clouds
3948 BD +20° 3876	18 34 +20 33	"	8:41 8:46 8:51	4 4½ 4½	W0:13 W0:18 W0:23	9½ L 9¾ 10	0	12	12	none	0		2					f	VanB St St	
3949 30 Draconis	17 46 50 48	Aug 24	7:32 7:42	10 9	0:00 W0:10	5 R 5½	0	12	5	3	0		3	3	3	27.5	174.7	g	VanB St	
3950 3639	18 13 −18 39	"	8:00 8:08	7½ 7	W0:01 W0:09	3½ R 4	10	12	12	20	0		3					g-f	VanB St	
3951 BD +20° 3876	18 34 +20 33	"	8:20 8:24½ 8:29	4 4 4	0:00 W0:04 W0:09	9½ L 9¾ 10	0	12	12	none	0		3-4					vg	VanB VanB St	
3952 BGC 8933	18 54 32 48	"	8:41 8:48	6 6	W0:02 W0:09	10 R 10½	5	12	12	D 4	0		3					vg	VanB St	
3953 BGC 9114	19 8 38 37	"	8:59 9:04 9:09	4 4 4	W0:04 W0:10 W0:15	1 L 1¼ 1½	10	12	12	25	0							vg vg	VanB St St	

π.	Star.	R.A. and Decl.	Date	C.S.T.	Exposure time.	Hour Angle.	Eyepiece x	Eyepiece Z	Scales x	Scales y	Sector	Position Angle.	Position telescope	Sky finish	Steadiness	Transparency	Temp.	Focus	Plate	Quality	Observer	Remarks.
			1918																			
3954	γ Aquilae	19 41 +10 23	Aug 24	9:26 9:32	6 6	E0:02 W0:04	4½ 2R 5	10	12	10	D5	0	W	34	3	4			9740	g	Van B St	
3955	β Ophiuchi	17 39 +4 36	Aug 25	7:34 7:43	8 8	W0:13 W0:22	11R	8 10	12	14	D8	95		2	2	3	27.8	174.7		g	Van B St	
3956	BD 40°3374	18 24 40 39	"	8:02 8:08	5 5	E0:05 W0:03	7R 7½	0	12	12	none	90		3	3					f	Van B St	
3957	BD +20°3876	18 34 20 33	"	8:17 8:21½ 8:27	4 4 4	W0:01 W0:05 W0:09	9½ L 9¾ R	0	12	12	none	0		2						g	Van B Van B St	
3958	Cygni 6	19 9 49 40	"	8:40 8:49	8 8	E0:11 E0:02	10 L 9½	0	12	12	12	5		2						g	Van B St	
3959	β Cygni	19 27 27 46	"	9:06 9:13 9:20	6 6 6	E0:03 W0:04 W0:12	0 ½ L ½ R	0	12	12	D5	0		2						f	St Van B St	
3960	BD 26°3867	20 16 27 0	"	9:44 9:53	8 8	E0:14 E0:05	2½ 3 L	10	12	12	100	0		2						g	Van B St	
3961	Anon PM ★ 11.5 W 0L F 33	0 46 57 50	"	14:20 14:29	8 8	E0:07 W0:03	1R 1½	5	12	12	none	0		2			22.2	173.7		g	Van B St	
3962	BD 63°137	1 1 63 28	"	14:42 14:45 14:49	3 3 3	0:00 W0:04 W0:08	9 R 9¼ 9½	10	12	12	none	90		2						g	Van B St St	
3963	"	"	"	14:56 15:0 15:3	3 3 3	W0:14 W0:17 W0:20	9½ 9¼ R 9	10	12	12	non	90		2						g	Van B St St	
3964	α Ursae Min	1 26 88 49	"	15:26 15:33 15:40	5 5 5	W0:16 W0:23 W0:30	11 L 11¼ 10¾	5	12	12	D8	0		2						f	Van B	no guiding.

#	Star.	R.A. and Decl.	Date	C.S.T.	Expos. time.	Hour Angle.	Eyepiece. x	Eyepiece. Z	Scales. x	Scales. y	Sect.	Position Angle.	Position Telescope.	Objectivm.	Steadiness.	Transparency.	Temp.	Focus.	Emulsion.	Quality.	Observer.	Remarks.
			1918																			
3965	γ Ceti	2 39 2 50	Aug 25	16:00 16 11 16:22	10 10 10	E0:19 E0:09 W0:03	5 R 5¼ 5½	5	12	12	D8	0	W	2	3	3			9740	f	Van B St St	
3966	BD 63°137	1 1 63 28	Aug 27	14:27 14:29½ 14:32	2 2 2	E0:06 E0:03 E0:01	9 R 9¼ 9½	10	12	12	none	90		3	3	2	21	173.6		f	Van B Van B Van B	
3967	Lal 2387	1 14 -9 23	"	14:52 15:4	10 10	W0:04 W0:16	7 7½ R	0	12	12	25	90		3	3	2				g	Van B St	
3968	PM * near W Andr.	2 13 43 54	"	15:28 to 61	33	E0:19 W0:14	8R	0	12	12	none	0		3	3	2				f	St	
3969	γ Ceti	2 39 2 50	"	16:23 16 34	10 10	W0:12 W0:23	5 R 5½	5	12	12	D8	0		3	3	3				f	Van B St	
3970	β Lyrae	18 46 33 15	Aug 28	8:17	8	W0:02	1 L	10	12	12	D10	0		3	3		22	173.8		f (hz)	Van B	Clouds after 1st exposure. Clock driving slow.
3971	Lal 2387	1 14 -9 23	"	14:20 14:30	10 10	E0:24 E0:14	7 R 7½	0	12	12	25	90		3	3		18.5	173.3		g	Van B St	
3972	α Ursæ min	1 26 88 49	"	14:46 14:49 14:52	3 3 3	E0:08 E0:05 E0:02	14 14¼	5	10 12 14	12	D8	0								g	no guiding. Van B - St	
3973	"	"	"	14:58 15:02 15:06	3 3 3	W0:03 W0:07 W0:11		5	14 12 10	12	"	"								g	no guiding. Van B - St	
3974	PM * near W Andr	21 13 43 54	"	15 to 13 15 to 48	35	E0:28 W0:07	8R	0	12	12	none	0								f	St	
3975	γ Ceti	2 39 2 50	"	~~16:00~~ 15:54 16:08	~~8.0~~ 8	E0:08 W0:01	4½ R 5	5	12	12	D8	0		3						f	Van B St	

	Star.	R.A. and Decl.	Date.	C.S.T.	Elapsed time.	Hour Angle.	Eyepiece x	Eyepiece z	Scales x	Scales y	Sector	Position angle.	Position telescope.	Definition.	Steadiness.	Transparency	Temp.	Focus.	Plates.	Quality	Observer.	Remarks.
			1918																			
3976	95 Ceti	3 13 -1 15	Aug 28	16:23 16:36	12 12	E0:20 E0:06	2R	5 7	12	12	D20	0	W	3	3	3			9740	f	Van B St	
3977	ψ Draconis	18 22 71 17	Aug 29	7:39	12	E0:08	8L 8½	10	12	12	D20	0		2						pr	Van B	Passing clouds. Clouds after 8 hr. continued after 4 hr.
3978	BGC 8663	18 31 16 54	Aug 31	7:31 7:39	8 8	E0:23 E0:10	6½L 7	0	12	8	8	0		2¾4	3	4	20.0	173.4		lg.f	Van B Van B	
3979	α Lyrae	18 34 38 42	"	7:52 7:56 8:00	4 4 4	W0:01 W0:03 W0:08	2L 2¼ 2½	10	12	12	D Hazy	0		3	2					g	Van B Van B St	
3980	~~BGC 8733~~	~~18 54~~ ~~32 48~~	"	~~8~~	~~8~~		~~10R~~ ~~10½~~	~~5~~	~~12~~	~~12~~	~~D40~~	~~0~~										
	ζ Sagittae	19 45 18 53	"	9:04 9:10 9:16	5 5 5	W0:02 W0:08 W0:14	2½L 3 3¼	5	12	12	2	0		2	2					g	Van B St St	Interrupted by visitors.
3981	27° 3704	20 18 27 51	"	9:36 9:44	6 8	W0:01 W0:08	10½L 11	5	12	12	20	0		3					9740	g	Van B	
3982	"	"	"	9:55 10:03	6 8	W0:19 W0:27	10½L 11	5	12	12	20	0							~~9800~~	g	Van B St	Not so fast as 9740!
3983	BD 30° 516	3 11 +30 42	"	16:11 16:18 16:25	6 6 6	E0:66 E0:11 E0:03	1 1¼L 1½	10	12	12	None	0		2	2	4	15.0	172.3	9740	f	Van B Sull Van B	
3984	BD 75° 154	3 50 +75 56	"	16:41	6	E0:27	3L	10	12	12	45	0		2	2					pr	Van B	Sky too bright for 2d exp.
			Sept. 5																			
3985	ψ Draconis	18 22 +71 17	Sept. 5	7:14 7:27	12 12	E0:09 W0:04	8L 8½	10	12	12	D20	0		3	3	4	17.5	173.0	9800	g	Van B Van B	
3986	BD 20° 3874	18 35 +20 33	"	7:46 7:52 7:56	4 4 4	W0:12 W0:17 W0:22	9½ 10L 9¾	0	12	12	None			3	3					g	Van B Van B Sull	

π	Star.	R.A. and Decl.	Date.	C.S.T.	Expos. time.	Hour Angle.	Eye piece		Scale		Sector	Position Angle.	Position telescope.	Definition	Steadiness.	Transparency.	Temp.	Focus.	Plates.	Quality	Observer	Remarks.
							x	z	x	y												
			1918.																			
3987	BGCg114	19h 8m +38° 37'	Sept 5	8:08	6	W 0:03	1														VanB	
				8:15	6	W 0:08	1¼ I	10	12	12	25	W°	NW	3-4	3	4			9800	g	VanB	
				8:22	6	W 0:15	1½														Sull	
3988	δ Cygni	19 43 44 57	"	8:38	10	E 0:03	11														VanB	
				8:49	10	W 0:07	10½ I	5	12	12	D6	0	W	4	3	4			"	g	Sull	
3989	BGC 10289	20 26 −10 12	"	9:06	6	E 0:20	10														VanB	
				9:13	6	E 0:13	10½	8	12	12	4			3	3	4			"	g	VanB	
				9:20	6	E 0:06	10¼														Sull	
3990	Anon. 11m.5	20 53 −10 43	"	9:48	12	E 0:18	10	10													VanB	
				9:53	12	W 0:03		8	12	12	None	0		3	3	3			"	g	Sull	
3991	BGC 10289	20 26 −10 12	Sept 7	9:17	8	E 0:01	10 I														VanB	
				9:26	8	W 0:08	10½	8	12	12	4	0		2-3	2	2	18.2	173.1	"	f	Sull	Cloudy until 9h.
3992	3 Lyrae	18 46 +33 15	Sept 8	7:25	8	E 0:07	1														VanB	
				7:34	8	W 0:02	1½ I	10	12	12	D10	0		3	3	3	20.4	173.3	"	g	Sull	
3993	BGC 8933	18 54 +32 48	"	7:51	10	W 0:10	10 R														VanB	
				8:08	15	W 0:20	10½	5	12	12	D40	0		3	2	3				g	Sull	Strikes pier.
3994	α Aquilae	19 42 +10 24	"	8:17	8	E 0:11	4½														VanB	
				8:26	8	E 0:02	5 R	10	12	14	D5	0		3	3	3				g	Sull	
3995	BD 26°3867	20 16 +27 0	"	8:44	8	E 0:18	2½ I														VanB	
				8:53	8	E 0:09	3	10	12	15	100°	0		3	2	3				g	Sull	
3996	Anon. 11m.	20 58 −6 36	"	9:23	10	E 0:28	5 I	0													VanB	
				9:37	15	E 0:05	5½	2	12	12	None	0		3-2	3-2	3				f	Sull	
3997	ε Cassiop.	1 48 +63 14	"	14:25	6	E 0:08	4														VanB	
				14:33		0.00	4½ I	10	12	12	D12	0		2	2	2	17.0	172.9		f	Sull	

T.	Star.	R.A. and Decl.	Date.	C.S.T.	Expos. time.	Hour angle.	Eyepiece	Scales X	Scales Z	Scales X	Scales Y	Sector	Position angle.	Definition telescope	Definition	Steadiness	Transparency	Temp.	Focus	Plate	Quality.	Observer.	Remarks.
			1918																				
3998	ε Cass.	1h 48m +63° 14′	Sept. 12	14:28	5	W 0:02	4 I	10	12	12			0	W	3	3	3	+10.5	171.8		g	VanB VanB	
				14:25	6	W 0:07	4½ I																
3999	48 Cass.	1 54 +70 28	"	14:37	6	W 0:12	5 R	10	12	12			180								g	VanB VanB	
				14:44	6	W 0:18	5½ R																
4000	o Peg.	2 15 −3 22	"	15:07	14	W 0:22	4½ R	10	12	12		D2	0				2				f	VanB Sull	Error of 5° in P.A. as estimated 3.6 Haze at end of 2m Cloudy at 15h 45m
				15:23	14	W 0:38	5 R																
4001	β Lyrae	18 46 +33 15	Sept. 18	6:58	8	W 0:05	1 I	10	12	12		D10	0	W	2	3	2	+10.0	171.7	9800	fp	VanB VanB	
				7:07	8	W 0:14	1½ I																
4002	BD 30°516	3 11 +30 42	"	14:49	8	E 0:27	1 I	10	12	12		None	0		2	2	2	9.2	171.5	"	f	VanB Sull	
				14:58	8	E 0:18	1½ I																
4003	"	"	"	15:10	8	E 0:06	1½ I	10	12	12		"	"								fp	VanB Sull	
				15:19	8	W 0:03	1 I																
4004	β Lyrae	18h 46m 33½ 15′	Sept 19	6:49	8	E 0:03	1 I	10	12	12		D10	0	W	2	3	3	9.5	171.5	"	f	VanB VanB	
				6:58	8	W 0:06	1½ I																
4005	BC 9114	19 8 58 37	"	7:16	6	W 0:04	1½ I	10	12	12		25	0								f	VanB VanB	
				7:23	6	W 0:14	1 I																
4006	β Cygni	19 27 +27 47	"	7:43	8	N 0:14	½ R	0	12	12		D5	0		2	2	3				p	VanB Sull	
				7:52	8	W 0:22	½ R																
4007	BD 27°3704	20 18 +27 51	"	8:07	8	E 0:14	10½ I	5	12	12		20	0								p	VanB Sull	
				8:17	8	E 0:04	11 I																
4008	ε Cygni	20 42 +33 36	"	8:38	6	E 0:07	8 I	10	12	18		D10	0								p	VanB Sull	
				8:46	6	W 0:01	8½ I																

No.	Star.	R.A. and Decl.	Date.	C.S.T.	Wires Used	Hour Angle.	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector.	Position Angle.	Position Illumin.	Definition	Steadiness	Transparency	Temp.	Focus.	Plate.	Quality.	Observer.	Remarks.
4009	β Lyrae	18h 46m +33° 15'	1918 Sept. 21	6:46	7	W 0:02	1														VanB	
				6:54	7	W 0:00	1½ I	10	12	12	D 10	0°	W	3	2	4	12.7	172.3	9800	g	VanB	
4010	RR Lyrae	19 22 +42 36	"	7:16	10	E 0:03	5 I	0													VanB	
				7:26	10	W 0:07		2	12	12	15	0	W	4	3	4				g	VanB	
4011	ζ Aquilae	19 42 +10 24	"	7:43	6	W 0:07	4½ R														VanB	
				7:50	6	W 0:13	5	10	12	14	D 5			3	3	4				g	VanB	
4012	BD 27° 3704	20 18 +27 51	"	8:05	8	E 0:06	10½ I														VanB	Seeing <2 in beginning
				8:15	8	W 0:03	11	5	12	12	20			2/3	3	4				g	Sull	
4013	55 Cygni	20 46 +45 45	"	8:30	8	E 0:10	0														VanB	
				8:39	8	E 0:01	½ I	5	12	12	2			3						g	Sull	
4014	66 Cygni	21 14 +34 29	"	8:53	6	E 0:15	6														VanB	
				9:07	6	E 0:08	6½ R	0	12	12	3			3						g	Sull	
4015	Lal 42128	21 33 −2 45	"	9:17	4	E 0:11	3														VanB	
				9:22	4	E 0:06	3¼ I	5	12	12	None	270		2-3						f	VanB	
				9:27	4	E 0:01	3½														VanB	
4016	Oxf 24° 74584	21 40 +24 56	"	9:46	12	W 0:11	1½ I														VanB	
				9:58	10	W 0:23	2	5	12	12	25	0°		2-3						f	Sull	
4017	Boss PGC 660	2 50 +17 56	"	14:40	10	E 0:05															VanB	
				14:51	10	W 0:06	11 R	5 7	12	12	2	355°		3	2	4	+8.0	171.4		g	Sull	
4018	BD 30° 516	3 11 +30 42	"	15:06	6	0:00	1														VanB	
				15:13	6	W 0:09	1¼ I	10	12	12	None	0°		2-3						g	VanB	
4019	"	"	"	15:21	6	W 0:15	1¼ I														VanB	
				15:27	6	W 0:22	1	10	12	12	"	0°		2-3						g	VanB	

N.	Star.	R.A. and Decl.	Date.	C.S.T.	Exposure.	Hour Angle.	Eyepiece.	Scales. x z	Scales. x y	Sector.	Position Angle.	Position Illumin.	Definition.	Steadiness.	Transparency.	Temp.	Focus.	Plates.	Quality.	Observer.	Remarks.
			1918																		
3	4020 BD 75°154	3h 50m +75°56'	Sept 21	15:44	6	E 0:01	3 3½ I	5	12 12	45	0°	W	1-3	2	4				g	VanB Snell	
				15:51	6	W 0:07															
3	4021 α Tauri	4 30 +16 19	"	16:09	8	E 0:16	10 R														
				16:17	8	E 0:12	10½	0	12 6	D1	0°		2-3						f	VanB VanB	
3	4022 "	"	"	16:29	6	W 0:05	10½ R														
				16:36	6	W 0:10	10	0	12 6	D1	0		2						g	VanB VanB	
3	4023 Capella	5 9 +45 54	"	16:52	8	E 0:13	8 R														
				17:01	8	E 0:04	8½	0	12 12	D1(il)	0		2						p	VanB Snell	(Diffraction!)
	4024 "	"	"	17:09	6	W 0:05	8 R														
				17:16	5	W 0:11	8	0	12 12	"	"								p	VanB VanB	
3	4025 BGC 8663	18 31 +16 54	Sept 22	6:34	7	W 0:16	6½ R														
				6:43	9	W 0:25	7½	0	12 8	8	0°		3	3	2	+12.8	172.2	9/40	Wrong field	VanB VanB	Cirrus clouds during second expos.
3	4026 RR Lyrae	19 22 +42 36	"	7:06	12	E 0:06	5 I														
				7:19	12	W 0:07	5½	0	12 12	15	0		3	3	1				g	VanB VanB	Clouds during about ½ of time
3	4027 ζ Sagittae	19 45 +18 53	"	7:42	5	W 0:07	2½														
				7:48	5	W 0:12	3 L	5	12 12	2			3	3	3				g	VanB VanB Snell	
				7:54	5	W 0:18	¾														
3	4028 BGC 10289	20 27 −10 12	"	8:07	6	E 0:11	10 L														
				8:14	6	E 0:05	10½	8	12 12	4			2-3	2					p	VanB VanB	
	4029 4 Aquarii	20 46 −5 58	"	8:31	10	E 0:08	7														
				8:43	10	W 0:06	7½ R	8	12 12	3			3-2	2					f	VanB Snell	
3	4030 66 Cygni	21 14 +34 29	"	9:06	6	W 0:02	6½														
				9:13	6	W 0:08	7	0	12 12	3			3	2	2				g	VanB VanB	

No.	Star	R.A. and Decl.	Date	G.S.T. ~~Angle~~	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Sharpness	Transparency	Temp.	Focus	Emulsion	Quality	Observers	Remarks
			1918																			
4031	Lal 42128	21 33 −2 45	Sept 22	9:26	4	W 0:02	3														VanB	
				9:31	4	W 0:07	3½	I	5	12	12	N one	270	W	3	2	3			f	VanB	
4032	WB 22h 82	22 6 +22 15	"	9:49	10	E 0:08	3½														Sull	Clouds passing during both exposures -
				10:00	10-12	W 0:04	4	I	0	12	12	40	0		3	2	1			f	VanB	
4033	BD 22°583	3 45 +22 26	"	15:38	12	W 0:01	7														VanB	
				15:52	12	W 0:14	7½	R	0	12	12	7	0		2	2	2	11.0	171.8	9740	p	Sull
4034	α Tauri	4 30 +16 19	"	16:09	8	E 0:11	10														VanB	
				16:17	8	E 0:02	10½	R	0	12	6	D1	0		2	2	3			f	VanB	
4035	α Aurigae	5 9 +45 54	"	16:36	8	E 0:25	8														VanB	
				16:45	8	E 0:16	8½	R	6	12	12	D1(4	0		2	2	3			f	VanB	
4036	Cygni 6	19 10 +49 41	Sept 25	6:47	7	E 0:01	9	I													VanB	
				6:55	8	W 0:07	9½		0	12	12	12	5		3	3	3	16.0	172.7	"	g	VanB
4037	β Cygni	19 27 +27 47	"	7:16	8	W 0:09	0														VanB	
				7:25	8	W 0:18	½	I	0	12	12	D5	0		2	2	3			f	VanB	
4038	BG C 10289	20 27 −10 12	"	7:49	8	E 0:17	10														VanB	
				7:59	8	E 0:09	10½	I	8	12	12	8	0		2	2	2			f	Sull	
				8:08	8	W 0:01	10¼														VanB	
4039	ψ Aquarii	20 46 −5 57	"	8:22	10	E 0:04	7														VanB	
				8:33	10	W 0:06	7¼	R	8	12	12	3	0		3	3	2			f	Sull	
4040	66 Cygni	21 14 +34 29	"	8:48	5	E 0:06	6														VanB	
				8:53	5	E 0:02	6½	R	0	12	12	2	0		3	3	3			g	VanB	
4041	Oxf 2h 74584	21 48 +24 57	"	9:12	12	E 0:09	1														VanB	
				9:25	12	W 0:05	½	I	0	12	12	25	0		3	2	2			g	Sull	

N	Star	R.A. and Decl.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observers	Remarks
			1918																			
4042	WB $22^h 82$	$22^h\ 6^m$ $+22°\ 15'$	Sept 25	9:44	10	E0:02	3½	3	12	12	40	0	W	3	3	3			9740	g	VanB Sull	Last plate of this very rapid emulsion
				9:55	10	W0:09	4															
4043	BPC 660	2 50 +17 55	"	14:14	10	E0:15	11R	6	12	12	2	355		2	2	4	10.0	171.7	9800	f	VanB Sull	
				14:26	10	E0:04		7														
4044	95 Cet	3 14 −1 15	"	14:49	15	E0:03	8½R	7	12	12	D20	0		2	2	4				p	VanB VanB	
				15:05	15	W0:12		5														
4045	BD 75°154	3 50 +75 55	"	15:29	6	E0:01	3	5	12	12	45	0		2-3	2	4				f	VanB Sull	
				15:36	6	W0:06	3½															
4046	α Tauri	4 30 +16 19	"	15:52	8	E0:17	10	0	12	6	D3/L			2	2	4				f	VanB	
				16:01	8	E0:08	10½R															
4047	α Tauri	4 30 +16 19	"	16:14	8	W0:04	10½	0	12	6	D3/L									f	VanB	
				16:22	8	W0:13	10R															
4048	Capella	5 9 +45 54	"	16:37	8	E0:11	8	10	12	12	D2/L									f	VanB	
				16:45	8	E0:04	8½R															
4049	β Tauri	5 20 +28 31	"	17:5	8	W0:06	2½R	7	12	12	D3/L									f	Sull VanB	
				17:14	8	W0:15		9														
4050	δ Cygni	19 43 +44 57	Sept 26	7:04	6	E0:14	10½L	5	12	12	D6			4	4	4	10.2	171.6		g	VanB	
				7:12	7	E0:07	10L															
4051	χ Cygni	19 43 +33 30	"	7:26	3	W0:07	½R	5	12	12	6									g	VanB	
				7:29	3	W0:11	1R															
4052	ζ Sagittae	19 45 +18 53	"	7:41	5	W0:18														g	VanB	Van on Field?
				7:45	4	W0:24																

☿	Star	R.A. and Decl.	Date	C.S.T.	Expo. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temper.	Focus	Emulsion	Quality	Observer	Remarks
			1913																			
4053	ε Cygni	20h 42m 33 36	Sept 26	8:03	6	E0:16	8	T	10	12	17	D5	0	W	4	3	4			9800	g	Sull VanB
				8:09	5	E0:12	8½	T														
4054	55 Cygni	20 46 45 45	"	8:21	7	0:00	0															
				8:29	7	W0:07	½	R	5	12	12	2	0		4	4	4				g	VanB Sull
4055	WB 20h 1454	20 59 +2 36	"	8:48	12	W0:12	8															
				9:0~~3~~	12	W0:2~~7~~	8½	R	0	12	4	15	0		4	4	4				g	VanB Sull
4056	WB 21h 502	21 25 -12 53	"	9:24	8	W0:24	4½	T														
				9:33	8	W0:32	5	T	10	12	12	Nom	0		4	3	4				g	VanB VanB
4057	WB 22h 82	22 6 +22 15	"	9:46	8	W0:05	3½	T														
				9:55	8	W0:13	4	T	3	12	12	40	0		4	3	4				g	VanB Sull
4058	Bonn 660	2 50 +17 56	"	14:18	8	E0:06																
				14:2~~0~~	8	W0:02	11	R	5	12	12	2	356	W	3	3	4	8.8	171.5		p	VanB Sull
4059	95 Ceti	3 14 -1 15	"	14:48	15	0:00																
				15:05	15	W0:16	1½	R	7 5	12	12	D20	0°		3	2	4				g	VanB Sull
4060	BD-22°583	3 45 22° 26′	"	15:2~~7~~	10	W0:06	6	R														
				15:39	11	W0:16	6½		0	12	5	7	0		3	2					g	VanB VanB
4061	α Tauri	4 30 16 19	"	15:54	7	E0:11	10	R														
				16:02	7	E0:04	10½		6			D31			3						g	VanB VanB
4062	Capella	5 9 45 54	"	16:16	5	E0:28	8															
				16:22	5	E0:23	8¼	R	6	12	12	D1½	4		3						g	VanB Sull VanB
				16:30	5	E0:16	8½															
4063	Capella	"	"	16:37	5	E0:07	8½															
				16:44	5	0:00	8¾	R														
				16:51	5	W0:65	9														g	VanB Sull VanB

N	Star	R.A. and Declin.	Date	Obs. Time	Exp. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
4064	β Tauri	5h 20m +28° 31'	Sept. 26	17:05	8	W 0:10	R2	7	12	12	D 1½	0	W	3	3	4			9800	g	VanB Vanß	
				17:14	8	W 0:04		9														
4065	95 Ceti	3 15 −1 15	Sept. 28	15:07	20	W 0:27	2R	5	12	12	D 15	0	W	3	2	4	+10.0	171.7		f	VanB Sull	
				15:29	20	W 0:48		7														
4066	BG C 2154	4 19 +14 53	"	15:53	12	W 0:09	10¾	1	12	12	5	0		2-3	2	4				g	VanB Sull	
				16:07	12	W 0:22	11															
4067	β 883	4 46 +10 55	"	16:28	12	W 0:16	0	9	12	12	5	0								g	VanB Vanß	
				16:41	12	W 0:29	½R															
4068	α Orionis	5 50 7 23	"	16:57	7	E 0:19	4	5	12	12	D 1	0		3	2					g	VanB Sull	
				17:05	7	E 0:11	4½L															
4069	α Orionis	"	"	17:16	7	E 0:01	4½	5	12	12	D 1	0								f	Sull Vanß	
				17:24	7	W 0:08	4L															
4070	BD 22°583	3 45 +22 26	Sept. 29	15:08	12	E 0:01	6R	5	12	5	7	0	W	2	2	2	+8.2	171.5		pr	VanB Sull	
				15:21	12	W 0:11	6½															
4071	Berl A 1248	4 35 +18 42	"	15:52	12	E 0:04	5R	10	12	16	20	0		3	3	3				g	VanB Sull	
				16:05	12	W 0:09		8														
4072	Capella	5 9 45 54	"	16:21	6	E 0:12	8	10	12	12	D 1¼	0								g-f	VanB	Clouds cut down 2d expos.
				16:28	10	E 0:05	8½R															
4073	95 Ceti	3 14 −1 15	Oct. 2	14:22	20	E 0:04	2R	5	12	12	D 15	0	W	3	2	3	+10.0	171.7		f	VanB Sull	
				14:43	20	W 0:17		7														
4074	BD 75°154	3 50 +75 56	"	15:05	6	W 0:03	3	5	12	12	45									g	VanB Sull	
				15:12	6	W 0:10	3½L															

Π	Star	R.A. and Decl.	Date	G.S.T	Exposure Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sect.	Position Angle	Position Telescope	Definition	Hardness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
4075	BGC 2154	4h 19m +14°53'	Oct. 2	15:34	15	W 0:05	10¾ L													f	VanB Sull	
				15:50	15	W 0:21	11 L	5	14	12	5	0°	W	3-2	3-2	3			9800			
4076	Capella	5 9 45 54	"	16:08	6	E 0:13	8													f	VanB	
				16:14	6	E 0:07	8½	10	12	12	D1½	0		2	2	3					VanB	
4077	"	"	"	16:25	6	W 0:04	8½													f	VanB	
				16:31	6	W 0:10	8	10	"	"	"	0									VanB	
4078	α Orionis	5 50 +7 23	"	16:46	7	E 0:15	4													fp	VanB	
				16:54	7	E 0:07	4½ L	5	12	12	D1½	0		3	2	3					Sull	
4079	BD 26°1067	6 0 +26 34	"	17:20	5	W 0:08	4½													p	VanB	
				17:26	5	W 0:14	5 I	10	12	12	20	270°		2							VanB	
4080	BD 75°154	3 50 +75 56	Oct. 6	14:48	6	W 0:01	3													f	VanB	
				14:55	6	W 0:08	3½ I	5	12	12	45	0	W	2	2	3	+8.7	171.4	"		Sull	
4081	BGC 2154	4 19 +14 53	"	15:47	15	W 0:03	10¾													fp	VanB	Passing haze - Air very damp
				16:33	15	W 0:19	11 I	5	14	12	5								"		Sull	
4082	BD 26°1067	6 0 +26 34	Oct. 8	16:54	5	W 0:07	4½													g	VanB	
				17:00	5	W 0:10	5 I	10	12	12	20	270		2-3	2	3	+10.0	171.7	"		VanB	
4083	δ Gemin.	6 32 +16 29	"	17:14	6	E 0:05	6													g	VanB	
				17:20	5	W 0:02	6½ I	10	12	16	D5	0									VanB	
4084	α Aquilae	19 46 +8 38	Oct. 9	6:22	5	E 0:08	8													g	VanB	
				6:28	5	E 0:02	8¼ K	2	12	12	D2	0		3	3	3	+16.2	172.6			VanB	
4085	Anon. 11.5	20 52 −10 43	"	6:55	15	E 0:42	1													gf	VanB	
				7:11	15	E 0:26	1¼ I	10	12	12	None	0		3	3	3					VanB	

N	Star	R.A. and Declin.	Date	C.S.T	Expos. Time	Hour Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Secty	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
4086	Anon. 11m	20 58 −6 36	Oct. 9	7:40	12	E0:02	5 5½ I	0	12	12	None	0	W	3	3	2				f	Vou B Vou B	
4087	WB 21h502	21 25 −12 53	"	8:13	10	W0:04	4 4½ I	10	12	12	"	"	"	2	3	2				p	Vou B Bull	Sky thick at end
4088	ξ Cephei	22 1 64 11	"	8:47	10	W0:02	0 ¼ I	5	12	12	2	"								f	Vou B Vou B	
4089	Mü I 31343	22 34 +2 0	"	9:14	5	E0:06	6½ I	5	12	12	None	"								p	Vou B Vou B	
4090	Lal 44739	22 47 +9 18	"	9:35	7	W0:04	4 4½ R	5	12	12	2½	0								g	Vou B Sull	
4091	BGC 12404	23 24 +30 17	"	9:57	5	E0:03	4½ R	5	12	12	25	180		3						g	Vou B Vou B	
4092	BD 32°843	4 45 32 45	"	15:16	12	E0:13	10 11 R 8		12	12	20	355		2	2	3	14.6	172.6		xg good	Vou B Sull	Too weak
4093	TT Aurigae	5 3 39 28	"	15:53	7	W0:06	10 11 R 8		12	25	353			3	3	3				f	Vou B Vou B	
4094	β Tauri	5 20 28 31	"	16:15	7	W0:11	2R	7 9	12	12	D1½			3						g	Vou B Vou B	
4095	α Orionis	5 50 +7 23	"	16:38	7	W0:05	4 4½ I	5	12	12	D1	0		3-2						g	Vou B Vou B	
4096	γ Geminin	6 32 +16 29	"	17:01	6	E0:15	6 6½ I	10	12	16	D5	0		2	2	2				g	Vou B Vou B	Thin clouds!
				17:08	8	E0:08																

Π	Star	R.A. Decl.	Date	C.S.T.	Expos. Time	Hour-Angle	Eyepiece X	Eyepiece Z	Scales X	Scales Y	Sec.	Pos. Angle	Pos. Telesc.	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	
			1918																			
3	4097	BGC2383	Oct. 12.	15:26	1 2	W 0:08	10														VanB	
		4h 48m +13°22'		15:40	12	W 0:24	10½ L	5	12	12	4	90	W	2	2	2	+15.4	172.6	9800	f	"	Hazy!
3	4098	β Tauri	"	15:58	10	W 0:07	2R	7													VanB	
		5 20 +28 31		16:09	10	W 0:17		9	12	12	D	0								f	"	" Clouds at end.
3	4099	Orionis	Oct. 13	16:03	8	E 0:14	4														VanB	
		5 50 +7 23		16:12	8	E 0:04	4½ L	5	12	12	D	0		2	2	2	+8.6	171.4		f	Sull	
3	4100	BD 21°1079	"	16:27	6	W 0:05	5														VanB	
		5 55 +21 2		16:34	6	W 0:11	5½ R	5	12	12	No	0		23	2	2				g	"	
4	4101	BD 26°1067	"	16:49	5	W 0:21	4½														VanB	
		6 0 +26 34		16:55	5	W 0:27	5½ L	10	12	12	20	270		2						g	"	
3	4102	γ Genin.	"	17:12	5	W 0:12	6														VanB	
4		6 32 +16 29		17:17	5	W 0:17	6½ L	10	12	16	D	0		2						g	"	
4	4103	ε Cygni	Oct. 16	6:30	7	E 0:31	8 L													f	VanB	
		20 42 33 36		6:38	7	E 0:23	8½ L	10	12	17	D	0		2-3	2-3	1-2				f	VanB	Smoky atmosph.
4	4104	4 Aquarii	Oct. 14	6:20	10	E 0:30	7														VanB	
		20 46 −5 58		6:32	10	E 0:18	7½ R	8	12	12	3	0		2	2	3	+15.4	172.6		f	VanB	
4	4105	Lal 40844	"	6:52	8	E 0:12	7													f	VanB	
		21 0 +6 44		7:01	8	E 0:03	7½ R	5	12	12	No										VanB	
4	4106	Lal 40844	"	7:15	8	W 0:10	7½														VanB	
		"		7:24	8	W 0:19	7 R	"	"	"	"								9740	f	VanB	
4	4107	WB 22h 82	"	7:44	10	E 0:24	8½ L														VanB	St = HP
		22 6 +22 15		7:55	10	E 0:13	4 L	3	12	12	4								9740	g	Sull.	

□	Star	R.A. Decl	Date 1918	S.D.T.	Exp. Time	Hour angle	Eyepiece x	Eyepiece z	Scale x	Scale y	Sect.	Position angle	Position Value	Definition	Steadiness	Transparency	Temperature	Hours	Emulsion	Density	Observers	Remarks
4108	MüI 31343	22h 37m +2° 0'	Oct. 20	8:25 8:31	5 5	E 0:11 E 0:05	6½ L 7	5	12	12	None	0°	W	2-3	2	3			9740	f	VanB VanB	
4109	BGC 12404	23 24 +30 17	"	9:30 9:35	5 5	W 0:02 W 0:08	4 4½ R	10	12	12	25	180°								g	VanB VanB	Trouble with sector!
4110	BGC 12608	23 47 +74 59	"	9:56 10:01	4 4	W 0:06 W 0:12	7½ L 8	0	12	12	12	20		2	2	3				f	VanB VanB	
4111	BD +5.992	4 45 45 42	"	14:33 14:52	15 15	E 0:18 W 0:07	8½ R 9	4	12	12	D 1,5	0		2	3	3	9.5	171.7		p	H.P. H.P.	
4112	ε Orionis	5 31 -1 16	"	15:19 15:29	8 8	E 0:13 E 0:03	6 L 6½	0	12	12	D 2	0		2-	3	3				f	H.P. H.P.	
4113	BD +17°320	6 32 17 39	"	16:29 16:40	10 10	E 0:04 W 0:10	7 L 7½	0	12	12	None	0		2-						g	H.P. H.P.	
4114	Sirius	6 41 -16 35	"	17:05 17:10	4 4	W 0:24 W 0:29	7 R 7½	0	12	6	D 1½	0		3						f	H.P. H.P.	Definition better for 2nd than 1st.
4115	Procyon	7 34 +5 29	"	17:28 17:35	6 6	E 0:06 0:00	5 R 5½	7	12	12	D 3	12	40	3						g	H.P. H.P.	
4116	Lal 42128	21 33 -2 45	Oct. 27	7:14 7:18	3 3	W 0:05 W 0:09	3 L 3½ L	5	12	12	None	270°		2	2	3	14.0	172.3		f	VanB VanB	Objective covered with moisture at beginning of set.
4117	WB 22h 82	22 6 +22 15	"	7:50 8:01	10 10	W 0:10 W 0:21	3½ L 4 L	3	12	12	40	0		3	2	3				g	VanB "	Very windy.
4118	50 ζ Pegasi	22 50 +8 17	"	8:25 8:34	8 8	W 0:01 W 0:10	1½ R 2 R	10	12	12	2	18°		2	2	3				p	VanB "	Clouds at end

M	Star	R.A. and Decl	Date	C.D.I.	Expos. Time	Wave Length	Eyepiece Y	Eyepiece Z	Scales X	Scales Y	Seeing	Position Angle	Position Value	Definition	Steadiness	Transparency	Temperature	Focus	Emulsion	Quality	Observer	Remarks
			1915																			
4119	γ Orionis	5 20 +6 16	Oct 29	14:32	10	E0:12	8R	0	12	12	D2½	0	W	3	3	3	5.6	171.8	9740	f	HP HP	
				14:43	10	E0:02	8½															
4120	BD+21°1079	5 55 +21 2	"	15:03	6	E0:17	5R	0	12	12	nom	0		3						g	HP Sull	
				15:10	6	E0:10	5½															
4121	Anon 9h	6 21 19 7	"	15:37	8	E0:08	2L	0	12	12	1½	0		3						p	HP HP	Definition varied much from 4 to 2 but most of time 3.
				15:46	8	0:00	2½															
4122	97 Monoc	6 46 -0 26	"	16:06	8	E0:04	2L	10	12	12	4	0		3 to 2						g	HP HP	
				16:15	8	W0:05	2½															
4123	Castor	7 29 32 4	"	16:39	8	E0:14	9L	0	12	12	D3	0		2						p	HP Sull	ng.
				16:49	8	E0:04	9½															
4124	BD 25-1848	8 2 +25 47	"	17:18	6	E0:07	8L	0	12	12	No	0								f	HP HP	Clouds.
				17:25	6	E0:01	8½															
4125	BD 19-1185	5 57 +19 23	Nov 5	14:34	8	E0:25	6R	0	12	12	3	0		2	2	3	+7.0	171.2		f	HP HP	High wind.
				14:39	8	E0:15	6½															
4126	Munich I 31343	22 34 +2 0	Nov 6	7:12	5	E0117	6½L	5	12	12	nom	0		2	2	2	11.2	171.9		vp	Van B HP	Passing clouds. ng
				7:19	5	E0:10	7															
4127	2 And	22 58 42 16	"	7:43	6	E0:09	6½R	10	12	12	2	0								ng	Van B HP	taken through glass
				7:52	6	E0:01	7															
4128	BGC 12608	23 47 74 59	"	8:12	4	E0:30	7½L	0	12	12	12	20								ng	Van B HP	2nd exp. cut off by clouds a number of times.
				8:55	4	W0:12	8															
4129	ε Equulei	20 54 +3 55	Nov. 10	5:44	8	W0:09	5½L	5	12	12	3	0		3	3	3	4.5	170.7		g	Van B HP	
				5:53	8	W0:20	6L															

D.	Star	R.A. and Decl.	Date	S.T.	Expos. Time	Hour angle	Eyepiece x	Eyepiece z	Scales x	Scales y	Scales Incln	Position Angle	Position Error	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks.
			1918										W									
3	4130 71 g Aquii	21 26 46 6	Nov 10	6:10 16:14	4 4	W0:06 W0:09	0.4 L 0.8	10	12	12	3	0		2 3	2	2			9800	g	Van B "	Taken thru clouds, Check the field.
3	4131 ζ Ophei	22 1 64 11	"	6:31 6:42	10 10	E0:07 W0:02	0 L 0.4	5	12	12	2	0		2-3		2-1				ng	Van B HP	too weak through glass
3	4132 Krüger 60	22 25 57 20	"	6:59 7:06 7:07	3 3 3	E0:02 W0:02 W0:06	11 R 10 12 10	5	12	12	Nom	0		2-3						p	Van B " HP	
3	4133 ~~Lal 47134~~ 136 Tauri	~~22 47 +9 18~~ 5 47 27 35	"	14:22 14:33	7 10 10	E0:03 W0:08	~~4 R~~ 4 12	~~5~~ 5	~~12 12~~ 12	~~24 0~~ D2	0			2-3			+1.5	170.3		f	Van B HP	clouds.
	4134 BD +17° 1320	6 32 17 40	"	14:49 14:56	6 6	E0:22 W0:15	7 L 7 1/2	0	12	12	Nom	0		2-3	2	3				g	Van B HP	through glass
	4135 Sirius	6 41 -16 35	"	15:10 15:15	4 4	E0:10 E0:05	7 R 2 1/2	0	12	6	D1 1 deg	0		2						p	Van B HP	
	4136 Sirius	"	"	15:25 15:30	4 4	W0:05 W0:09	7 1/2 R 7	"	"	"	"	"		2-3						vp	HP HP	
	4137 Castor	7 29 32 4	"	15:48 15:57	8 8	E0:20 E0:10	9 L 9 1/2	0	12	12	D3	0								f	HP HP	
	4138 ζ Cancri	8 6 17 57	"	16:23 16:34	8 8	E0:22 E0:10	10 R 10 1/2	0	12	12	4	0								p	HP HP	
	4139 ~~B.D. -11° 2305~~	8 13 -11 28	"	16:58 17:07	8 8	W0:07 W0:15	9 L 9 1/2	0	12	12	3	0								p	HP HP	
	4140 Σ 1306	9 2 67 32	"	17:37 17:46	8 8	E0:05 W0:05	8 L 8 1/2	0	12	12	D2	0		3	3	3				p	HP HP	

☆	Star	R.A. and Decl.	Date	S.L.T.	Expo Time	Hour angle	Exposure x	Exposure z	Scale x	Scale y	Sector	Position angle	Position idea	Definition	Blackness	Transparency	Temperature	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
4141	BD 26°1067	6 1 26 34	Nov 12	14:29 14:35	5 5	0:00 W0:04	4½L 5	10	12	12	20	270	W	3	3	3	+4.0	170.7	9800	g	HP HP	
4142	"	"	"	14:46 14:53	5 5	W0:16 W0:22	5 4½L	"	"	"	"	"								g	HP HP	
4143	Sirius	6 41 -16 35	"	15:13 15:17	4 4	W0:03 W0:07	7R 7½	0	12	6	D'leaf	0		2						p	HP HP	
4144	Castor	7 29 32 4	"	15:38 15:48	8 8	E0:20 E0:10	9L 9½	0	12	12	D3	0		3-						p	HP HP	
4145	Procyon	7 34 +5 29	"	16:08 16:15	6 6	W0:04 W0:10	5R 5½	7	12	12	D2 leaf	340								g	HP HP	
4146	ζ Cancri	8 6 17 57	"	16:39 16:48	8 8	W0:03 W0:10	10R 10½	0	12	12	4	0								g	HP HP	
4147	BD-11°2305	8 13 -11 28	"	17:11 17:18	6 6	W0:30 W0:35	9R 9½	0	12	12	3	0								g	HP HP	
4148	Σ 1306	9 2 67 32	"	17:42 17:51	8 8	W0:10 W0:19	8L 8½	0	12	12	D4	0								f	HP HP	
4149	ε Equilei	20 54 +3 55	Nov 13	5:22 5:29	6 6	W0:02 W0:09	5½L 6L	5	12	12	3	0		4	4	4	+5.6	170.8		g	VanB HP	
4150	66 Cygni	21 14 34 29	"	5:40 5:44	4 4	E0:02 W0:03	6R 6½	0	12	12	2	0		4	3	5				g	VanB HP	
4151	71 g Cygni	21 26 46 6	"	5:52 5:56 6:00	3 3 3	W0:01 W0:05 W0:07	4R 4L	10	12	12	3	0		4	3	5				vg	VanB HP HP	

N	Star	R.A. / Decl.	Date	C.I.	Exp. time	Hour angle	Exposure F	Exposure Z	Scale F	Scale Y	Seeing	Position Right	Position Zenith	Definition	Steadiness	Transparency	Temperature	Focus	Emulsion	Dark slide	Observer	Remarks.
			1918										W									
3 4152	δ Cygni	21 43 / 48 51	Nov 13	6:12 / 6:17	4 / 4	W0:02 / W0:06	7L / 7½	3	12	12	D15	0		4	4	5			9800	g	VanB HP	
3 4153	δ Cephei	22 1 / 64 11	"	6:30 / 6:38	7 / 7	W0:02 / W0:10	0L / 4	5	12	12	2	0								g	VanB HP	
3 4154	Kruger 60	22 25 / 57 20	"	6:51 / 6:53 / 6:55	2 / 2 / 2	0:00 / W0:02 / W0:04	11R / 11½ / 10¾	5	12	12	none	0		4	3	5				g	VanB VanB VanB	
3 4155	"	"	"	7:01 / 7:04 / 7:07	2 / 2 / 2	W0:09 / W0:12 / W0:15	11¼ / 11 / 10¾	"	"	"	"	"								g	HP " "	
4156	Lal 44739	22 47 / +9 18	"	7:16 / 7:22	5 / 5	W0:02 / W0:08	4R / 4½	5	12	12	2½	0								g	VanB HP	
4157	BGC 12274	23 12 / -14 17	"	7:39 / 7:50	10 / 10	0:00 / W0:12	3R / 3½	5	12	12	15	70								g	VanB VanB	
4158	BD -8° 6177	23 38 / -8 27	"	8:15 / 8:27	10 / 10	W0:10 / W0:22	5L / 5½	8	12	12	Small 90	0								g	HP HP	
4159	ζ Cass	0 35 / -55 59	"	8:51 / 8:59	6 / 6	E0:10 / E0:03	9½L / 10½	10	12	12	D	0			4	4				g	HP HP	
4160	η Cass	0 43 / 57 17	"	9:13 / 9:18	4 / 4	W0:04 / W0:08	7L / 7¼	10	12	18	D	0								g	HP HP	
4161	BD 63° 137	1 1 / 63 28	"	9:34 / 9:37 / 9:40	2 / 2 / 2	W0:06 / W0:10 / W0:13	9 / 9½R / 10	10	12	12	none	90								g	HP HP	
4162	ε Cass	1 48 / 63 14	"	9:54 / 9:59	4 / 4	E0:21 / E0:15	4 / 4½L	10	12	12	D	0								g	HP HP	

Π	Star	R.H. + Decl.	Date	C.S.T.	Expos. Time	Hour Angle	Eyepiece	Scales x	Scales y	Sector	Position Angle	Position Subsid.	Definition	Steadiness	Transparency	Temperature	Focus	Emulsion	Quality	Observer	Remarks
			1918																		
3	4163 BD 19°1185	5 57 +19 23	Nov. 13	14:24	6	W0:01	6													VanB	
				14:31	6	W0:08	6½ R	0	12	12	90°	0°	W	3	3	4	4.6	170.7	9800	g	"
3	4164 BD 17°1320	6 32 +17 40	"	14:45	6	E0:12	7 I														
				14:53	6	E0:05	7½ I	0	12	12	Nom	0		3	3	4				g	"
3	4165 Sirius	6 41 −16 35	"	15:08	4	W0:02	7														
				15:13	4	W0:07	7¼ R	0	12	6	D4	0		3-2						f	"
				15:17	4	W0:12	7½														
3	4166 "	6 41 −16 35	"	15:25		W0:19															
				15:30	4	W0:23	"	"	"	"	"	0		2						f	"
				15:34	4	W0:26															Seeing very changing
	4167 Castor	7 29 +32 4	"	15:49	7	E0:06	9														
				15:56	7	W0:04	8½ I	0	12	6	D3	0		2-3						g	"
3	4168 Procyon	7 34 +5 29	"	16:11	6	W0:10	5														
				16:17	6	W0:17	5½ R	7	12	12	D	340		3						g	"
	4169 ζ Cancri	8 6 +17 57	"	16:35	6	W0:04	10														
				16:42	6	W0:10	10½ R	0	12	12	4	0		3-2						g	"
3	4170 BGC 4714	8 35 −22 22	"	17:01	10	W0:01	10½ R														
				17:12	10	W0:12	"	0	12	12	3	0		3-2						f	"
	4171 Σ1306	9 2 +67 32	"	17:45	7	W0:18	10½ I														
				17:51	6	W0:23	11 I	9	12	12	2	2		3-2						g	" Settings changed
	4172 δ Equulei	21 10 +9 40	Nov 14	5:13	10	E0:20	3L													VanB	
				5:24	10	E0:08	3½	8	12	12	2	0	W	3	2	3	11.5	171.8	9800	g	HP
	4173 66 Cygni	21 14 34 29	"	5:39	5	W0:02	6 R													HP	
				5:44	5	W0:07	6½	0	12	12	2	0		3	2					g	VanB Seeing 1½ near middle

#	Star	R.A. + Decl.	Date	C.S.T.	Expos. Time.	Hour angle	Eyepiece	Scales X	Scales Y	Sector	Position Angle	Position Letter	Definition	Haziness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks.
			1918																		
3 4174	66 Cygni	21 14 / 34 29	Nov 14	5:54	5	WO:17	6½ R	0	12	12	2	0	W					.9800	f (1 expos.)	Van B	Strikes pier at 2nd exp.
3 4175	Lal 42128	21 33 / −2 45	"	6:08	3	WO:12	3 L	5	12	12	none	270							f	Van B	
				6:12	3	WO:16	3½													"	
				6:16	3	WO:20	4													"	
3 4176	Mim I 31343	22 34 / +2 0	"	6:26	5	EO:32	6½ L	5	12	12	none	0		2	2	2			f	Van B	
				6:32	5	EO:26	6¾													HP	
				6:38	5	EO:20	6¾													HP	
3 4177	"	"	"	6:48	5	EO:09	6¾ L	"	"	"	"	"							f	Van B	
				6:54	5	EO:03	6½													"	Haze
				6:59	5	WO:02	6¼													HP	
4178	Lal 44739	22 47 / +9 18	"	7:10	7	0:00	4 R	5	12	12	2½	0							g	Van B HP	Haze! Clouds in SW
				7:18	7	WO:07	4½														
3 4179	Sirius	6 48 / −16 25	Nov. 23	14:15	6	EO:12	7	0	12	6	D½	0	W	2	2	4	−4.8	169.2	f	Van B	
				14:23	6	EO:05	7½ R													"	
4180	97 Monoc.	6 46 / −0 26	"	14:39	8	WO:07	2	10	12	12	2½	0							f	"	
				14:48	8	WO:16	2½ L														
4181	Castor	7 32 / +32 4	"	15:11	8	EO:05	9	0	12	12	D								g	"	
				15:20	8	WO:05	9½ L														
4182	Ψ Cancri	8 5 / +25 47	"	15:44	12	EO:06	10	0	12	18	2½								ff	"	
				15:55	12	WO:05	10½ L														
4183	BGC 4714	8 35 / −22 22	"	16:22	12	WO:01	11	0	12	12	2½	355							p	Van B Sulk	
				16:36	12	WO:15	11¼														Frost on Obj.?
4184	Lal 19022	9 37 / +43 10	"	17:14	12	EO:10	8½	5	12	12	10								g	Van [illegible]	
				17:26	12	WO:03	9 L														

M	Star	R.A. / Decl	Date	C.T.	Elapsed Time	Hour angle	Eyepiece	Scales			Section	Position angle	Brightness	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3	4185 γ Leonis	10 2 / +17 15	Nov 23	17:49	15	W0:02	1															
				18:05	15	W0:18	1½ R	5	12	22	D10	0°	W	2	2	4			9800	f	VanB "	
3	4186 Lal 42128	21 33 / −2 45	Nov 24	5:26	3	W0:10	3														VanB	
				5:30	3	W0:14	3½	5	12	12	none	270	W				−0:5	169.9		g	VanB	
3	4187 "	"	"	5:37	3	W0:20	3½ I														HP	
				5:42	3	W0:25	3	"	"	"	"	"		2-3	2	4				p	HP	
3	4188 δ Aquarii	22 23 / −0 32	"	5:53	10	E0:14	5R														VanB	
				6:04	10	E0:04	5½	0	12	9	D15	0		3	2	4				f	HP	
	4189 "	"	"	6:16	8	W0:08	5½ R														VanB	
				6:25	8	W0:18	6 R	"	"	"	"	"								g	HP	Same plate as 4186
	4190 2 Andr	22 58 / 42 16	"	6:43	6	W0:03	8½ R														VanB	
				6:49	6	W0:09	8½	0	12	12	2	0								g	VanB	
	4191 BGC 12404	23 24 / 30 17	"	7:06	5	E0:03	4 R														VanB	
				7:12	5	W0:04	4½	10	12	12	25	780								g	HP	
	4192 BGC 12608	23 47 / 74 59	"	7:28	4	E0:02	7½														VanB	
				7:33	4	W0:03	8 L	0	12	12	12	20								g	VanB	
	4193 "	"	"	7:41	4	W0:09	7 I														HP	
				7:47	4	W0:14	7½	"	"	"	"	"								g	HP	
	4194 13 Ceti	0 31 / −4 5	"	8:09	12	E0:03	6½ L														VanB	
				8:23	12	W0:10	7 L	0	12	10	D									f	Seall	
	4195 Lal 2387	1 14 / −9 23	"	8:56	10	0:00	6														VanB	
				9:07	10	W0:10	5½ R	0	12	10	25									fg	"	Dark during flow!

No.	Star	R.A. Decl.	Date 1918	C.I.	Expos. time	Hour angle	Eyepiece	Z.	X.	Y.	Sector	Position angle	Position below	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
4196	BD 15°280	1h 51m +15° 35′	Nov 24	9:35	8	W 0:01	1												1400	f	VanB	
				9:44	8	W 0:10	1½R	10	12	12	None	0°	W	2	2	4				f	"	
4197	97 Monoc	6 46 −0 26	"	14:24	8	E 0:01	2L														HP	
				14:34	8	W 0:08	2½	10	12	12	3	0		2	2	2	−5.3	169.2		p	HP	Thin clouds.
4198	α Gem	7:29 +32:4	Nov 26	14:39	8	E 0:22	9L														H.P.	
				14:48	8	E 0:12	9½	0	12	12	099	0	W	2-3	2	3	−1.8	169.7		f	H.P.	
4199	Procyon	7:34 +5:29	"	15:08	6	W 0:02	5R														H.P.	
				15:15	6	W 0:09	5½	7	12	12	2 leaf	140°	W	3-2	3	3				f	H.P.	
4200	B.D. 20° 1940	7:49 +20 39	"	15:30	8	W 0:09	1L														H.P.	
				15:38	8	W 0:18	1½	7	12	12	None	0°	W	3	3	3				g	H.P.	
4201	ε Hydrae A B	8:42 +6° 47′	"	16:01	12	E 0:13	5R														H.P.	
				16:14	12	0:00	5½	0	12	10	106	0°		2	2	3				g	H.P.	
4202	Lal 18672	9:25 +6° 51	"	16:42	12	E 0:16	3L														H.P.	
				16:55	12	E 0:02	3½	0	12	12	4	0°								f	H.P.	
4203	37 Leo Min	10:33 +32° 30	"	17:48	12	E 0:18	9½R														HP	
				18:01	12	E 0:05	10	5	12	12	021	0								g	Cul	
4204	Oxf 24 74584	21 40 24 57	Nov 27.	5:11	12	0:00	1L														Van B	
				5:24	12	W 0:13	1¼	0	12	12	25	0		2	2	3	+3.0	170.7		g	HP	
4205	BD 28° 4391	22 28 28 38	"	5:40	8	E 0:19	1L														Van B	
				5:49	8	E 0:10	1½	0	12	12	None	0								g	HP	
4206	2 Andr	22 58 42 16	"	6:05	6	E 0:24	5½R														Van B	
				6:12	6	E 0:18	8½	0	12	12	2	0								g	"	

II	Star	R.A. / Decl.	Date 1918	G.M.T.	Exposure Time	Hour Angle	Eyepiece / Z	Scales x	Scales y	Sector	Position Angle	Position Value	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks.
3	H207	2 Androm.	22h 58m / +42 16	Nov. 27	6h 25m	6	E0:08	7½R	0	12	12	2i	2°	W	2	2	3		9800	g	HP	•
					6: 39	6	E0:01	7													"	
3	H208	π Cephei	23 5 / 74 59	"	6:47	8	W0:10	2L	5	12	12	D20	0							f	VanB	Haze in SW ridding
					6: 57	8	W0: 19	2½													HP	
3	H209	BGC 12608	23 47 / 74 59	"	7:20	3	0:00	7½L	0	12	12	12	20							g	VanB	
					7:24	3	W0:04	8													"	
					7:28	3	W0:08	7¼													"	
3	H210	Sirius	6h 41m / −16° 35	Nov. 28	14:28	4	W0:22	7R	0	12	6	dd 1 leg	0	W	3	2	3	0	170.1	f	HP	
					14: 33	4	W0:27	7½													"	
	H211	BSQ-L1792	7:35 / −1° 18	"	14:50	7	E0:10	3R	0	12	12	Non	0							mg	HP	Π star used as g. star
					14: 56	7	E0:04	3½													"	
3	H212	BSQ 20° 1900	7:49 / +20° 39	"	15:14	8	0:00	1L	0	12	12	Non	0							g	HP	
					15: 23	8	W0:09	1½													"	
3	H213	g Cancri	8:06 / +17° 57	"	15:38	6	W0:05	10R	0	12	12	3	0							f	HP	
					15: 45	6	W0:13	10½													"	
3	H214	BSQ-15° 2546	8:36 / −16° 14	"	16:04	8	W0:03	3L	0	12	12	Non	0							f	HP	
					16: 14	8	W0:13	3½													"	
3	H215	Cal 18672	9:24 / +6° 5'	"	16:35	12	E0:15	3L	0	12	12	4	0							f	HP	
					16: 49	12	0:00	3½													"	
3	H216	W.B. 9h 954	9:46 / −11° 49	"	17:15	10	W0:05	10R	0	12	12	Non	0							f	HP	
					17: 37	10	W0:15	11													"	
2	H217	37 Leo. Min.	10 38 / 32 30	"	17:49	12	E0:09	9½R	5	12	12	D2	0							fg	Sub HP	
					18: 02	12	W0:05	10														

N	Star	R.A. Decl.	Date	G.T.	Exposure Time	Remarks	Eyepiece V	Eyepiece Z	Scales X	Scales Y	Seeing	Reticule angle	Reading plane	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
3	4218	7h. 39m	1918	14:34	7	E 0:02	5 L															
		28°16'	Dec. 5	14:42	7	W 0:05	5½	1	12	12	10 2 leaf	0	W	3	3	4	0.0	170.0	9800	g	VB "	
3	4219	8:05		15:14	12	W 0:10	11 L														VB	
		+25°47'	"	15:27	12	W 0:23	11½	10	12	15	3	0	"							g	"	
3	4220	9:02		15:52	8	E 0:08	1 R														V.B.	
		+51° 9'	"	16:01	8	W 0:01	1½	10	12	12	10	0	"							g	"	
3	4221	9:37		16:16	10	E 0:20	8½														V.B.	
		+43° 10'	"	16:27	10	E 0:08	9 L	5	12	12	10	0	"							g	"	
3	4222	10:02		16:56	12	E 0:04	9 L														V.B.	
		+17° 15'	"	17:10	12	W 0:10	9½	5	12	12	10 2	0	70		2	3	3			g	"	
3	4223	10:35		17:32	12	E 0:01	10 R														V.B.	
		+31°17'	"	17:45	12	W 0:12	10½	5	12	12	90	50								f	Sill	
3	4224	11:22		18:14	6	E 0:05	4 L														V.B.	
		+8° 9'	"	18:21	6	W 0:01	4½	10	12	12	None	0								f	"	
3	4225	0:34		17:02	6	E 0:24	10 L														V.B.	
	α Cass.	+56° 0'	Dec 8	7:09	6	E 0:13	10½	10	12	12	D2	0	W	3	3	4	+6.0	170g	9800	g	E.P	Cloudy hills 6:30
3	4226			7:19	6	E 0:03	10½														V.B.	
	α Cass	"	"	7:26	6	W 0:04	10	10	12	12	D2	0							9866	g	E.P	Clouds at 7:35
3	4227	1 5		7:41	8	0:00	5 R														VB	
	θ Cas	54 40	Dec 11	7:50	8	W 0:08	5½	10	12	7	D2	0		2	2	3	+0.8	170.0	9800	g	HP	Clearing at 7.
																					VB	
	4228 BD+15°280	1 51 +15 35	"	8:10	8	E 0:18	1 R														HP	
				8:19	8	E 0:10	1½	10	12	7	None	0								g		

N	Star	R.A. Decl.	Date	C.S.T.	Exp. time	Remarks.	Eyepiece x	Eyepiece z	Scales t	Scales y	Sector	Reflection Eyepiece	Reflection Release	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3 4229	BD +15°280	1 51 +15 35	Dec 11	8:31	8	WO:02	11/2	10	12	7/2	none	0	W	2	2	3			9800	f	Van B HP	Clear
				8:41	8	WO:12	1															
3 4230	Boss 886	2:50	"	9:33	10	WO:08	119	5/7	119	12	2	156								g	H.P.	
	660	+17:55		9:45	10	WO:19															"	"
3 4231	9 Ursae Maj	8;53 +48 22	"	15:09	12	EO:20	3L	0	12	12	105	0	W	2	2	3	0	170		f	V.B.	
				15:23	12	EO:05	3 1/2														"	Clear at 14h.
3 4232	Lal 18672	9:24 +6° 5'	"	15:47	12	EO:13	2L	0	12	12	4	0								g	V.B.	
				16:00	12	0:00	2 1/2														"	Hare rising in S.W. Cloudy at 14h20
3 4233	α Pegasi	23 00 +14 40	Dec 15	5:15	8	EO:06	11L	1	12	12	D4	0		2-3	2	3				g	VB HP	
				5:24	8	WO:02	11.4															
3 4234	BGC 12608	23 47 +74 59	"	5:37	3	EO:33	7 1/2 L	0	12	12	12	20					+3.5	170.7		g	VB	
				5:41	3	EO:29	8														"	
3 4235	"	"	"	5 49	3	EO:20	8	0	12	12	12	20								g	HP	
				5 53	3	EO:16	7 1/2 L														HP	
3 4236	Lam. 32805	23 45 +2 19	"	6 5	8	EO:01	4L	10	12	12	25	0						9800		g	VB HP	Error 5° in P.A.
				6 14	8	WO:08	4 1/2															
3 4237	"	"	"	6 26	8	WO:20	4 1/2 L	10	12	12	25	0		3				9866		g	VB HP	The Error of 5° corrected after 1st exposure.
				6 38	8	WO:32	4															
3 4238	α Cassiop.	0 35 +55 59	"	6 54	6	EO:02	10 L	10	12	10	D	0						9866		g	VB HP	
				7 01	6	WO:04	10 1/2															
4239	α Urs. Min.	1 27 +88 50	"	7 16	3	EO:34	11L	5	10 12	12	D	0		2						f	no guiding. HP-VB	
				7 19	3	EO:30	11															

N	Star	R.A. Decl	Date	C.S.I	Eq. Time	Remarks	Eyepiece x	Eyepiece y	Scales x	Scales y	Sector	Position angle	Position value	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1918																			
3 H240	α Ursa. Min.	1 27 88 50	Dec 15	7:26 7:28	3 3	EO:25 EO:23	11L	5	11 13	12	D8	0	W	2	2	3			9866	f	No guiding. HP	
3 H241	PM × near W Ursa.	2 13 +43 54	"	7 Hill 39 8:40	6 0	EO:55 WO:06	8R	5	12	12	None									g	HP VB	
3 H242	RZ Cass	2:40 +69°13	"	9:02 9:08	6 4	WO:02 1/4 L WO:07 3/4	10	12	12	5	80			3						g	V.B. "	
3 H243	95 Ceti	3:13 −1°15	"	9:32 9:53	20 20	EO:02 5 WO:19 1/4 7	=Z	12	12	10	150			3						g	V.B. "	
3 H244	9 Ursa Maj	8:53 +48°22	"	14:59 15:12	12 12	EO:14 EO:01	2½ L 2½	5 7	8	12	105	0		3	3	2	+2.2	170.5		g	V.B. "	Guiding Star faint & and Hazel
3 H245	β Pegasi	22 59 27 32	Dec 19	5:05 ~~8~~ 5:14	8	0:00 WO:10	6R 6½	10	12	12	D	0		3	3	2	+7.0	171.2		g	VB HP	
3 H246	BD −8°6177	23 38 −8 27	"	5:37 5:51	12 12	EO:07 WO:07	5L 5½	8	12	12	Small 12	0		3	3	2				ng	VB HP	Too weak
3 H247	13 Ceti	0 31 −4 5	"	6:14 6:29	15 15	EO:22 EO:06	6½ L 7	0	12	10	D	0		3	3	2				ng	VB HP	"
3 H248	Anon PM	0 47 57 50	"	6:51 7:00	8 8	WO:01 WO:08	1R 1½	0	12	12	None	0		3-2	3	2				g	VB HP	
3 H249	Lal 2387	1 15 −9 24	"	7:24 7:38	12 12	WO:05 WO:18	6R 5½	0	12	10	25	90		2-3	2	1				ng	VB "	too weak
3 H250	β Arietis	1:49 +20°19'	"	8:03 8:14	10 10	WO:09 WO:20	1L 1½	0	12	6	D	0		2	2	2				ng	V.B. "	Too Weak

	H	Star	R.A. Decl	Date	C.S.T.	Exposure time	Hour angle	Eccentricity	Scale x	Scale y	Focus	Position angle	Quadrant label	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
				1918																		
3	H251	Boss P.S. 660	2:50 +17°55'	Dec 19	8:39 8:50	10 10	E0:17 E0:05	11R	5 7	12	12	1½	356°	W	2	2	2			9866	ng	O.B. Su	too weak!
3	H252	W. B 9h 954	9:46 −11°49	Dec. 25	15:05 15:15	10 10	E0:24 E0:10	10R 11	10	12	12	None	0	W	2	2	3	−9°	168.6		ng	O.B. "	
				1919																		
3	H253	α Cass	0 35 55 59	Jan 3	5:27 5:35	6 6	E0:16 E0:07	10R 10½	10	12	12	D2	0		2	2	3	−17	167.1		p	Pet HP	Strong West wind.
3	H254	θ Cass	1 6 54 40	"	6:09 6:19	8 8	E0:04 W0:06	5R 5½	10	12	7	D20	0		1½	2					p	Pet HP	
3	H255	RZ Cass	2 4 07 13	"	6 55 7 02	5 5	W0:06 W0:15	¼L	10 8	12	12	5	80		2½						p	Pet HP	
3	H256	BD 63°137	1 1 63 28	Jan 6	5 48 54	5 5	E0:11 E0:05	9R 9½	10	12	12	Non	90		0-3	3	3	−8	168.7		g	Pet Pet	
3	H257	E Cass	1 48 63 14	"	6 17 6 27	6 6	E0:25 E0:15	4L 4½	10	12	12	D10	0		3-						g	HP HP	
3	H258	RZ Cass	2 40 69 13	"	7 38	5	W0:07	¼L	10	12	12	5	180		2	3	2				ng	Pet	clouds.
3	H259	BAC 5951	11 48 74 19	Jan 7	16 44 57	10 10	W0:02 W0:15	4R	5 3	12	12	3	270		1½ 2		3	−13.8	167.7		ng	Pet HP	
3	H260	BD 63°137	1 1 63 28	Jan 9	5:43 : 47 : 50	3 3 2½	W0:00 W0:04 W0:07	9R 9¼ 9½	10	12	12	Non	90°		3	3	1	−10.0	168.4		f	VB	Cirri!
4	H261	ε Cass	1 48 63 14	"	6:17 6:28	10 10	E0:13 E0:02	5L 5½	10	12	12	D10	0°		2½	2½	1				f	VB	"

N	Star	R.A. / Decl.	Date	C.S.T.	Exp. Time	Nonius	Cyprios x	Cyprios y	Lexles x	Lexles y	Sector	Position Letter	Definition	Faintness	Transparency	Imp.	Focus	Eyepiece	Quality	Observer	Remarks
			1919																		
H262	χ Cass	0 -35 55 -59	Jan 10	5-18 -26	6 6	WO:04 W 13	10 10½	10	12	12	0	W	2	2	3	-5	169.2	9866	g	H.P. H.P.	Rather bright + skylight 4th partly shaded by slit on West
H263	BD 63° 137	1 1 63 28	"	5 44 5 48 5 52	2½ 2½ 2½	WO:05 WO:09 WO:13	9 9½ 10	R 10	12	12	90								g	Pet Pet Pet	
H264	ε Cass	1 48 63 14	"	6 05 13	6 6	Σ O:19 Σ O:12	4 4½	L 10	12	12	0								g	HP HP	steadier
H265	RZ Cass	2 40 69 13	"	7:34 7:40	5 5	WO:14 WO:20	½	4 10 8	12	12	5	0							g	HP Pet	
H266	BD 75° 154	3 50 75 56	"	8:38 :47	6 6	WO:09 :18	3½	L 5	12	12	45	0							g	Pet HP	
H267	ξ Aurigae	5 9 45 54	"	9:11 9:19	6 6	Σ O:38 E O:30	8 8½	R 10	12	12	1½			3-	3				g	HP Pet	Better definition
H268	α Aurig	"	"	9:31 39	"	E O:18 E O:11	8½ 9	R "	"	"	"	"		2					g	Pet HP	Third stage of test x = 83.9. Def. pattern Objective partly shaded by dome & W.
H269	α Urs. Maj	10 58 62 17	"	15:42 15:54	12 12 8	WO:09 WO:21	4	R 0 2	12	12	0 3 1½	"		3	3	4	=4	169.0	mg	HP Pet	No diagram for 2 stars and. 4R. Steadier
H270	67 Ursae Maj	11 58 4 33	"	16:19 :33	12 12	E O:15 :00	4½	L 10	12	12	12	80							mg	Pet HP	← Objective partly shaded by dome. Stage off the 9m
H271	A Oe 11677	11 16 66 20	Jan 11	16:02	12 8	WO:18	½ 1	L 10	12	12	20	90		3	3	2	+9	171.6	μ	Pet	
H272	BGC 5951	11 48 74 19	"	16:28 16:45	14 14	WO:09 WO:24	6½ 7	R 5 3	12	12	3	70							f	HP Pet	

M	Star	R.A.	Decl.	Date	C.I.	Exp. time	Remarks	Eyepiece x	Eyepiece y	Scales x	Scales y	Setting	Position Angle	Distance apart	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
				1919																			
4273	η Ursa Maj	13 44	49 49	Jan 11	17:43 :57	12 12	E0:30 :17	6R 6½	0	12	12	D½	70	W	3	3	3			9866	f	Pet HHo	
4274	67 Ursa Maj	13 57	43 52	Jan 14	16:02 :	12 12	E:17 :8	4L	18	12	12	8	80		2	2	4	-5	169.2		mg	Pet Pet	
4276	η Ursa Maj	13 40	49 49	"	17:13 :30	12	E:50 :30	6R 6½	0	12	12	D½	70		2 1/2 3-3½	1/2	4				f	pet pet	dep. very poor 1st exp " " good 2nd exp
4276	BM* near W Andr.	2 13	43 54	Jan 15	5:35 6:32	57	E0:56 0:00	8R	0	12	12	mm			2	2	5	-2	169.9		f	Pet FP FP	
4277	R Z Cass	2 40	69 13	"	6:54 7:04	5 5	E0:05 W0:06	8½L	10 8	12	12	5	80								f	Pet FP	
4278	α Ursa maj	10 58	62 17	"	15:10 15:22	11 12	E 0:04 W 0:08	8½I	0 2	12	12	D½	90		2	2-3	4	-2.0	169.6		mg	VanB VanB	
4279	BGC 5811	11 27	61 38	"	15:55 ...	10	W 0:11 —	0	2	12	12	3	90		2	2	4				mg	VanB	1 exp. only possibl. too weak
4280	BGC 5951	11 48	+74 19	"	16:24 16:40	14 15	W 0:17 W 0:33	6R	3 5	12	12	2	70		2-1	2-1					mg	VanB "	too weak!
4281	BD 47° 2072	13 32	47 0	"	17:18 17:32	12 12	E 0:31 E 0:18	0 ½R	5	12	12	120	180°		2	2					f	VanB VanB	
4282	PM* near W Andr.	2 13	43 54	Jan. 16	5:26 6:12	46	E 0:07 E 0:15	8R	5	12	12	Usk	0		2-3	2	5	+0.5	170.1		g	VanB	
4283	BD 75° 154	3 50	+75 56	"	7:51 8:01	8 8	E 0:14 E 0:04	3½I	5	12	12	45	0		2	2					f	VanB VanB	

N.	Star	R.A. Decl.	Date	C.S.T.	Exp Time	Arrangle	Eyepiece Y	Eyepiece Z	Scales x	Scales y	Sector	Position No	Position Seen	Position Dposition	Steadiness	Transparency	Temp	Hours	Emulsion	Quality	Observer	Remarks
			1919																			
H284	BD 75°154	3h 50m +75°57'	Jan. 16	8:13 8:22	8 8	WO:08 NO:17	3½I 3	5	12	12	45	0°	W	2	2	4	0		9866	f	VanB VanB	
H285	TT Aurigae	5 3 +39 28	"	8:44 8:54	10 10	E 0:34 E 0:24	11R	8 10	9	12	25	53								p	VanB VanB	
H286	ζ Ursæ Maj	10 58 62 17	"	15:00 15:16	12 12	E0:10 WO:06	½	0 2	12	12	25	90		1½	2	4	−1	170.0		ng	HT Pet	
H287	BDC 5811	11 27 61 38	"	15:52	10 5	WO:15 :20	0 ½R	2	12	12	35	90								ng	H.P. H.P.	guiding very difficult, stars faint & fuzzy
H288	12° Comæ	12 52 38 48	"	16:36	15	E:0:27	9½	8 10	8	12	25	0								ng	Pet	resetting to the setting on Pet and the star is still behind the bracket of the setting
H289	BD 47°2052	12 37 47 02	"	17:23	12	E0:19	9½ 10	10	12	12	90	180								ng	Pet	
H290	α Ursæ Maj	10:58 +62°17	Jan 18	14:27 14:40	12 12	E0:37 E0:24	8½L	0 2	12	12	10 3 leaf	90	W	3	3	4	−0.6	170.0		g	V.B. V.B.	
H291	α Ursæ Maj	10:58 +62°17	"	14:56 15:09	12 12	E0:08 W0:05	8½L	2 0	12	12	10 3 leaf	90		4-3	3	4				g	V.B. V.B.	
H292	Groombr 1830	11:47 +38°24	"	15:31 15:47	15 15	E0:23 E0:08	10½ 11R	0	12	12	10 15	0			3	3	4			f	V.B. V.B.	1 expos. only visible - Celluron
H293	Lalande 21258	11:01 +43°58	Jan 25	14:22 14:34	10 10	E0:16 E0:05	10L 10½	10	12	12	25	0	W	3	2	4	+0.5	170.2		g	V.B. V.B.	
H294	ζ Ursæ Maj	11:14 +31°57	"	14:53 15:06	12 12	W0:03 W0:15	2L 2½	2	12	12	10 8	90		3	2	4				g	V.B. V.B.	

N	Star	R.A. Decl	Date	C.S.T.	Exp. Time	Azimuth	Exposure		Scales		Dev.	Distinctness	Contrast Value	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1919																			
3 #295	Groombr 1830	11:47 +38°24'	Jan. 25	15:26	14	W 0:01	10½														V.B.	
				15:41	14	W 0:15	11 R	0	12	12	20 15	0	W	3	2	4	+0.5	170.2	9866	f	V.B.	Hitches after 11 m ½
3 #296	2 Can Ven	12:52 +38°48	"	16:03	15	E 0:26	8														V.B.	
				16:22	15	E 0:08	8½ L	10	8	12	20 10	0		3	2	4				g	V.B.	
3 #297	BD -1°2754	12:55 −2° 13	"	16:42	6	W 0:09	8½														V.B.	
				16:47	6	W 0:17	9 L	0	12	12	30	0		3	2	4				g	V.B.	
3 #298	BAC 6566	13:33 +36°48	"	17:07	12	E 0:05	8½														V.B.	
				17:20	12	W 0:09	9 L	0	12	10	25	0		3	2	4				f	V.B.	
3 #299	α Bootis	14:11 +19°37	"	17:57	10	W 0:10	9½														V.B.	
				18:08	10	W 0:20	10 R	0	12	12	20 1 leaf	0		3	2	4				g	V.B.	
3 #300	48 Cassiop.	1 54 70 28	Jan 26	5:41	8	W 0:12	5														HP	
				5:50	8	W 0:20	5½ R	10	12	12	1½	180°		3	2	4	+4.0	170.7		g	VB	
3 #301	Bon PGC 660	2 50 +17 56	"	6:07	10	E 0:19															VB	
				6:18	10	E 0:08	11 R	5 7	10	12	1½	355		3	2	5			9866	g	HP	
3 #302	"	"	"	6:31	10	W 0:05															VB	
				6:42	10	W 0:16	11 R	7 5	10	12	1½	355		3	3					g	HP	
3 #303	BD 22°583	3 45 +22 25	"	7:04	12	E 0:17	6														HP	
				7:18	12	E 0:04	6½ R	0	12	5	7	0		3	3					g	VB	
3 #304	BD 22°583	"	"	7:38	12	W 0:18	6½														HP	
				7:46	12	W 0:24	6 R	"	"	"	-			3	3					g	H.P.	Same plate as 4301
3 #305	B 883	4:46 +10°55	"	8:17	12	E 0:05	1½														V.B.	
				8:30	12	W 0:09	2 R	3	12	12	6	0								gf	V.B.	Partly cut off by curtain

No.	Star	R.A. Decl	Date	C.S.T.	Exp. Time	Hourangle	Eyepiece x	Eyepiece y	Scales x	Scales y	Sector	Position Angle	Position Value	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1919																			
4306	B.G.C. 26 54 = −3°1061	5:14 −3° 11	Jan. 26	8:59 9:13	12 12	W0:10 29 W0:23 2½	10	12	14	8	0	W	2	2	4	+4.0	170.7	9866		p	V.B. V.B.	Same plate as 4305
4307	B.D. +21°1079	5:55 +21° 1.6	"	9:36 9:43	6 6	W0:05 5R W0:13 5½	5	12	12	none	0		2	2	4					g	V.B. V.B.	
4308	ε Ursa Maj.	11 14 31 57	"	14:31 14:46	12 12	E0:17 1L E0:01 1½	2	12	12	D8	90		3	3	4	+2.0	170.4	"		g	Pet HP	
4309	Grb 1830	11 47 38 24	"	15:18	20	E0:04 10½R	0	12	12	D15	0		2½ -3							lg	Pet	
4310	12 Camelop.	12 52 38 48	"	15:51 16:06	15 15	E0:86 9L E0:20	8 10	8	12	D10	0									f	HP Pet	
4311	BD 1−2154	12 56 −2 13	"	16:30 16:38	6 6	0:00 8½L W0:08 9	0	12	12	30	0									f	HP Pet	
4312	"	"	"	16:49 :55	6 6	W0:09 9L 0:26 8½	0	12	12	30	0									f	Pet HP	
4313	Oxf 25°8606?	13 55 25 37	"	17:18 :32	12 12	E0:11 2½R W0:05 3	5	12	12	none	0									g	Pet HP	
4314	BGC 6842	14 18 +8 54	"	17:55 18:09	10 10	W0:01 10R :16 10½	0	12	12	3	0									g	Pet HP	
4315	Grb 1830	11 47 38 24	Jan. 28	14:37 ~~15:00~~	20 20	E0:36 10½R E0:12 11	0	12	12	D25	0		2	2	5	−3.0	169.7			g	Pet HP	Clock working too fast. Guiding difficult.
4316	~~K 52~~ 12 Cam Venat	~~12 51 44 47~~ 12 52 38 48	~~"~~ "	~~15:26 to~~ 15:50 16:05	15 15	~~E0:50 to~~ E0:27 E0:12	~~9L~~ 9L	~~0~~ 8 10	~~12~~ 8	~~12~~ 12	~~none~~ D11	~~0~~ 0									p	Pet HP	

π	Star	R.A. Decl	Date 1919	C.S.T.	Exp. Time	Remarks	Cyprus x	Cyprus y	Scale x	Scale y	Sector	Prism angle	Prism place	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
3	#317	NPB 13h 241	Jan 28	16:28	10	E0:13	4L	0	12	12	25	0	W	2	2	5			9866	g	Pet HP	
		13 35 15 36		:41	10	0:0	4½															
3	#318	BXC 6842	"	17:05	10	E0:40	10L	0	12	12	5	0								g	Pet HP	
		14 8° 18 54		17:17	10	E0:27	10½															
3	#319	BD 36° 2517	"	17:48	10	E0:14	1½R	0	12	12	none	80		1½		4				ng	Pet HP	Setting made 1½-2R Cp.3 not there
		14 36 38 10		18:03	10	0:0	2R															
3	#320	Anon 10m.5	"	18:33	10	E0:09	2R	0	12	12	none	90				3				lg	Pet	
		15 -12 17 54																				
3	#321	48 Cass	Jan 29	5:45	8	W0:28	5R	10	12	12	1½	180		3	2	3	+2	170.5	only 2 M. expose 12		Pet HP - Telescope struck pier after 2m.	
		1 70 55 28		:56	8	W0:38	5½															
3	#322	Brw 660	"	6:16	10	W0:01	11R	5	10	12	1½	85°		3½						l	HP Pet	
		2 17 50 56		:29	10	W0:14		7														
2	#323	BGC 2007	"	6:59	12	E0:23	6R	7	12	12	6	270								f	Pet HP.	
		3 39 58 17		7:16	12	E0:05	6½															
3	#324	BD 45° 992	"	7:42	15	E0:27	8½R	4	12	12	3	0		2						l	Pet HP.	
		4 45 45 42		:59	15	0:69	9R															
3	#325	TT Aurigae	"	8:32	8	P:00	8¾R	8	9	12	25	0								ng	Pet HP	Wrong field
		5 39 3 28		42	8	W:09	10															
							11L															
3	#326	B SQ. +20°.2594	"	14:38	8	E0:02	11L	10	12	12	none	20	W	2½	2	3	+1	170.3		g	V B. V C.	
		11:18 +20°23		14:47	8	W0:07	11½															
	#327	B Leonis	"	15:06	10	0:00	3L	0	12	9	20h	0		3	"	"				g	V B. V B.	
		11:44 +15° 4		15:17	10	W0:11		2														

No.	Star	R.A. / Dec.	Date	G.S.T.	Expos. Time	Azimuth	Exposure x	Exposure z	Scale x	Scale y	Scale	Position Angle	Position Yellow	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Density	Observer	Remarks
			1919																			
H328	12 Can Venat.	12:52 / +38°48	Jan 29	15:50	15	E0:23	9L	8	8	12	20	0	W	3	3	3	+1	170.3	9866	g	V.B.	
				16:06	15	E0:07		10													V.B.	
H329	B.D. +47°2072	13:31 / +47°0'	"	16:35	12	E0:17	0R														V.B.	
				16:49	12	E0:04	½	10	12	12	90	80		3	3	3				g	V.B.	
H330	Z. 1785	13:44 / +27°29	"	17:10	10	W0:05	5L														V.B.	
				17:21	10	W0:15	5½	0	12	8	6	0		"	"	"				g	V.B.	
H331	α Bootis	14:11 / +19°37	"	17:40	10	W0:09	9½														V.B.	
				17:51	10	W0:18	10R	5	12	12	D.L. 1 leaf	0		"	"	"				f	V.B.	
H332	B.D. 7090	14:55 / −3°42	"	18:16	10	E0:02		8													V.B.	
				18:27	10	W0:09	7L	6	12	12	25	0		"	"	"				f	V.B.	
H333	B.D. 660	2 50 / +17 56	Jan 30	5:54	10	E0:16											+3	170.5			Det V.B.	Driving slow.
				6:08	10	E0:02	11R	7	10	12	1	355	W	2	2	3				g		
H334	B.D. 5°570	3 00 / −5 29	"	6:34	15	W0:15	2R	8	12	12		0		"	"	"					V.B. Det	Still slow after changing setting
				6:50	15	W0:30	2½				25									p		
H335	B.D. 2007	3 58 / 39 17	"	7:18	12	0:00	7L 3R 4														V.B. Det	
				7:31	12	W0:13		9	12	12	6	270								gf		"
H336	B.D. 32°.843	4:45 / +32°44	"	7:59	12	E0:05	11R	8 10	12	12	20	355		2	2	4				ng	V.B.	" - Irregular
H337	ε Ursae maj	11 14 / 31 57	"	14:32	12	0:00	2R 2½	2	12	12	D.S.	0		3-2	3	4	−1	170.0		p	Det Det	image oscillating on account of wind.
				14:46	12	W0:12																
H338	σ Ursae maj	11 57 / 67 32		15:20	12	W0:03	10½L 10	9	12	12	8.	156		3-2½	3	4				sf		
					12																	

Π	Star	R.A. / Decl.	1919 Date	C.S.T.	Expos. time	Focus angle	Exposure x	Exposure y	Scales x	Scales y	Position angle	Position wedge	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
3	#339 42 Cam Vem	12 52 / 38 48	Jan 30	16:01 / 16:17	15 / 15	E0:10 / W0:07	8L / 9¼	8	8	17		0	W	3	3	4			9866	f / f	Pet / Pet	
3	#340 Σ 1785	13 44 / 27 29	"	16:52 / 17:04	10 / 10	E0:12 / 0:00	5L / 5½	5	12	8	6	0		3-1/2	3	4				f	Pet / Pet	release drive irregular, drive poor + exposure
3	#341 BSC 7098	14 56 / -3 42	"	17:31 / 17:43	10 / 10	E 0:44 / E 0:31	7L	8 / 6	12	12	31	0		2-1/2	3	4				g	Pet / Pet	drive very irregular.
3	#342 BD -7°4703	15 16 / -7 27	"	18:09 / 18:18	8 / 8	E0:23 / E0:15	8L / 8½	0	12	12	none	0								f	Pet	
3	#343 B.D.C. 6566	13:33 / +36°48	Feb. 1	16:27 / 16:43	15 / 15	E0:15 / 0:00	1L / 1½	0	12	10	dbl 35	0	W	2	2	2	−2.0	169.7		g	V.B. / V.B.	Too thick till 15h 30m
3	#344 α Bootis	14:11 / +19°37	"	17:05 / 17:18	12 / 10	E0:14 / E0:03	9½ / 10R	5	12	12	dbl / 1 leaf	0		"	"	"				pr	V.B. / V.B.	
3	#345 B.D.C. 6842	14:18 / +8° 54	"	17:35 / 17:46	10 / 10	W0:07 / W0:18	10R / 10½	0	12	12	3	0		3	3	2				g	V.B. / V.B.	
3	#346 μ² Bootis	15:21 / +37°42	"	18:05 / 18:14	8 / 8	E0:25 / E0:14	2L / 2½	10	12	12	6	0		"	"	"				g	V.B. / V.B.	
3	#347 67 Ursæ Maj	11 57 / 43 33	Feb 4	14:27 / 14:41	12 / 12	E0:29 / E0:14	10L / 10½	9	12	12	3	156		1-2	2	4	−11.0	168.3		f	HP / Pet	
3	#348 B.D. 66° 0	2 50 / 17 56	Feb 5	6:02 / 6:17	10 / 10	W0:16 / W0:30	11R	5 / 7	10	12	1L	355		2-2½	2	2-1	−5	169.2		g	HP / Pet	Haze thicken
3	#349 Berlin A 4248	4 35 / 18 42	"	7:17 / 7:32	12 / 12	E0:11 / W0:04	5R	8 / 10	10	16	90°	0		3	2	3				g	Pet	

☿	Star	R.A. / Declination	Date	C.S.T.	Exp. Time	Horiz angle	Eyepiece	Scales	Setting circle	Position angle	Position of Telesc.	Definition	Steadiness	Transparency	Temp	Focus	Precision	Quality	Observers	Remarks
							x / y	x / y												
1	Comm. P.M.	5 02		8:06	10	W0:10	8½ 5	12 12	W	0	W	3	3	3			9866	g	Pet	
H350	near Orionis	+4 14	Feb. 5	8:18	10	W0:20													Pet	
		5 50		8:39	7	E0:07	4½ 5	12 12	D1	0		3	3	3				g	Pet	
H351	d Orionis	4 23	"	8:46	7	0:00	4½												Pet	
		6 32		9:11	6	E0:16	7½ 0	12 12	W	0		3	3	3				g	Pet	
H352	BD 17°1320	17 40	"	9:19	6	E0:08	7½												Pet.	
		6 40		9:40	8	E0:03	2½ 10	12 12	3	0								g	Pet	
H353	77 Mensae	−0 26	"	9:48	8	W0:07	2½												Pet	
		3 14		6:05	15	0:00													VB	
H354	95 Ceti	−1 15	Feb 6	6:21	15	W0:16	1½R 5 7	12 12	D15	20		4	3	4	−5	1692		g	Pet	
		3 53		6:42	12	E0:01	1½R												VB	
H355	BAC 1962	−1 24	"	6:55	12	W0:12	2½R 5	12 12	10	0		"	"	"				vg	Pet	
~~H356~~																				
		4 45		7:14	12	E0:22	8½R												VB	
H356	BD 45°992	+5 42		7:27	12	E0:09	9 4	12 12	3	0		4	4	4				vg	Pet	
		4:46		7:44	10	W0:08	1½												V. B.	
H357	B 883	+10° 55	"	7:55	10	W0:18	2R 3	12 12	6	0		"	"	"				vg	V. B.	
		5:19		8:23	10	W0:12	4R												V. B.	
H358	B.D. 12°99	−7° 54	"	8:34	10	W0:24	4½ 10	12 18	10	0		3	"	"				vg	V. B.	
		5:57		8:51	6	W0:02	6R 1												V. B.	
H359	19. H 85	+19° 23	"	8:58	6	W0:10	6½ 0	12 13	30	10°		3	4	4				vg	V. B.	

No.	Star	Reed.	Date	C.S.T.	Exp. Time	Diurnal Angle	Eyepiece y	Screws 7 y	Screws x	Position Angle	Position Value	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
4360	Anon.	6:21	Feb 6	9:12	7	W 0:02	2½												V.B.	
		+19° 7'		9:20	7	W 0:08	3L	0	12	12	90°	W	3	3	4	−5.0	169.2	9866	g	V.B.
4361	97 Monr.	6:46		9:34	6	E 0:02	2L												V.B.	
		−0°26	"	9:40	6	W 0:04	2½	10	12	12	3°		3	3	4				g	V.B.
4362	Procyon	7:34		9:55	6	E 0:29	5R												V.B.	
		+5°29	"	10:02	6	E 0:23	5½	7	12	12	D2 leaf	40°	4	"	"				g	V.B.
4363	Zh. 1830	11 48		14:29	15	E 0:10	10½												Pet	
		38 24	"	14:44	15	W 0:07	11R	0	12	12	D25	0	0-1	2	4	−9	168.6		p	Pet
4364	Boss 660	2 50		5:50	10	W 0:18	11R	5	10	12	1½	0	2	2	4	−3	169.3		ng	Pet
		+17 55	Feb 9		10															Wrong orientation
4365	95 Ceti	3 14	"	6:10	15	W 0:16	2R	5											V.B.	
		−1 15		6:25	15	W 0:31		½	12	12	D15	0	3	3	4				f	Pet
4366	BGC 2154	4 19		6:47	15	E 0:10	10¾L												HP	
		+14 53	"	7:03	15	W 0:07	"	5	14	12	5°	0	3	3					g	VB
4367	BGC 2383	4 48		7:21	10	E 0:05	10L												HP	
		+13 32	"	7:36	10	W 0:07	10½	5	12	12	4	10°	3	3					f	VB
4368	BGC 2654	5:14		7:55	15	0:00	2R												V.B.	
	−3°10 61	−3° 11'	"	8:11	15	W 0:18	2½	10	12	14	15	0	3	3	4				g	V.B.
4369	B. D.	5:55		8:29	5	E 0:05	5R												V.B.	
	+21°1079	+21° 1'	"	8:35	5	0:00	5½	0	12	12	none	0	"	"	"				ng	V.B.	Wrong field
4370	B. D.	5:55		8:42	5	W 0:07	5R												V.B.	
	+21°1079	+21° 1'	"	8:48	5	W 0:14	5½	0	12	12	none	0	"	"	"				ng	V.B.	"

T	Star	R.A. / Decl.	Date	G.S.T.	Exp.	Diff.	Exposure	Series	Distance	Position Angle	Definition	Steadiness	Transparency	Temp.	Force	Emulsion	Quality	Observers	Remarks
3	#371	B.D. / +17°1320	6:32 / +17°39	Feb. 9	9:01	5	E0:10	7L										V.B.	
					9:07	5	E0:05	7½	0	12	12	nom	0	W	3	3	4	−3.0	169.3	9866	g	V.B.	Same plate as #370
3	#372	B.D. / +17°1320	6:32 / +17°39'	"	9:16	5	W0:05	7½										V.B.	
					9:22	5	W0:10	7L	0	12	12	nom	0		"	"	"				g	V.B.	
3	#373	R Can. Maj.	7:15 / −16° 13'	"	9:44	10	E0:10	3L										V.B.	
					9:55	10	W0:02	3½	10	12	16	2½	0		"	"	"				g	V.B.	
3	#374	BAC 5951	11 40 / 74 19	"	14:38	15	W0:12	6R	5/3	12	12	2	270		2-3/3¼	3	4	−7.0	168.8		g	Pet HP	
					14:55	15	W0:27																
	#375	β Comae	13 8 / 28 20	"	15:24	20	E0:21	8½L							3-4							Pet	
					15:47	20	W0:01	9	5	12	12	D	0		3						g	HP	
3	#376	γ Ursa Maj	13 44 / 49 49	"	16:14	12	E0:08	7R							2-3							Pet	
					:29	12	W0:07	7½	0	12	12	D	270								f	HP	
	#377	BAC 4594	12 36 / −11 10	7th 11	14:53	50	E0:11	5R	5	12	12	nom	0		1-3	3	5	10.6	170.0		f	HP	
	#328	BD +47°2072	13 32 / 47 1	"	16:00	12	E0:03	½L	4													Pet	
					16:11	12	W0:14	12R	4a	12	12	90	90		1-3	3	5				g	Pet	
3	#379	Arcturus	14 12 / 19 38	"	16:35	10	E0:07	9½R	5	12	12	one Lip D	0		3	3						HP	
					16:48	10	W0:05	10				1/4									g	HP	
	#380	BAC 7090	14 56 / −3 42	"	17:13	10	E0:15	7L	8						0-2	1	5					Pet	
					17:24	10	E0:03	6	6	12	12	30	0								g	Pet	
	#381	ω² Bootis	15 21 / 37 42	"	17:45	8	E0:07	2L														HP	
					17:54	8	W0:03	2½	10	12	12	6	0								f	Pet	

π	Star	R.A. / Decl.	Date	G.M.T.	Exp. time	Remarks	Exposures	Scale x	Scale y	Focus	Density	Sketchiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
3	#382 T Herc	16 17 / 46 32	1918 Feb 11	18:28		E0:29	8½ 9½	10	12	12	D4	270	W				9866	mg	Pet HP	guiding star faint: used four minutes of right ascension
3	#383 β Comae	13:07 / +28 19	Feb 15	15:04	20	E0:17	8½							−5.0	1692				V.B.
				15:26	20	W0:05	9½	5	12	12	D5	0	W	3	2	3		mg	V.B.
3	#384 ≡ 1785	13:44 / +27°29	"	15:52	10	E0:07	5½												V.B.
				16:03	10	W0:05	5½	5	12	8	6	0		2-3	2	3		mg	V.B.
3	#385 B.D.C 6842	14:18 / +8° 54'	"	16:24	10	E0:08	10½												V.B.
				16:35	10	W0:02	10½	0	12	12	3	0		"	"	"		fr	V.B.
3	#386 B Aq. 36°.2525	14:41 / +36°25	"	16:55	10	0:00	10½												V.B.
				17:06	10	W0:05	10½	0	12	12	none	0		"	"	"		f	V.B.
3	#387 Anon m 10.5	15:16 / −12°54	"	17:33	10	W0:04	2R												V.B.
				17:44	10	W0:15	2½	0	12	12	none	90°		"	"	"		f	V.B.
3	#388 Lal 29330	16:01 / +10°56	"	18:05	15	E0:10	1½ 2R	0	12	12	12	0		"	"	"		p	V.B. V.B.	Too bright for 2nd exp. (3m only)
3	#389 BHC 2154	4 19 / 14 53	Feb 16	6:21	12	E0:12	10¾												VB
				6:34	12	W0:01	11	5	14	12	5	0		3-3½	3½	4	−2.5	g	Pet	169.5
3	#390 Aldebaran	4 30 / 16 19	"	6:48	8	W0:05	10												VB
				6:57	8	W0:14	10½	0	12	6	D1½	0		3 3	3 3			g	Pet
3	#391 T Tauri	5m 3 / +31 28		7:16	8	0:00	11R	8/10	9	12	25	353		2-3					VB
				7:26	8	W0:09												g	Pet
3	#392 β Tauri	5:20 / +28°31	"	7:42	8	W0:08	2R	7/9	12	12	D1½	0		"	"	2			V.B.
				7:51	8	W0:19												g	V.B.

π	Star	R.A. / Decl.	Date	C.S.T.	Exp. Time	Remarks	Eyepiece x	Eyepiece z	Seeing x	Seeing y	Seeing	Position Angle	Position Taken	Definition	Steadiness	Transparency	Temp.	Focus	Evidence	Obsty	Observers	Remarks
H393	B.D. +21°.1079	5:55 / +21° 1'	1919 Feb 16	8:21	8	W 0:12	5R														V.B.	
				8:30	8	W 0:22	5½	5	12	12	none	0	W	3	3	1	−2.5	169.5	9866	g	V.B.	Sky very thick
H394	BD 2383	4 48 / 13 32	Feb 19	6:40	12	E 0:08	10L														H.P.	clock driving ~~fast~~ slow.
				6:57	12	W 0:09	10½	5	12	12	4	90°		3 2	3	1	0.0	mai		p	Pet	Haze very bad Definition shaded stopped to 2 at eye let up on clouds
H395	anon 9.1	6 21 / +19 7	"	8:26	9	W 0:05	2½							2							Pet.	
				8:36	9	W 0:15	3L	5	12	12	90	0		3	3	3				g	Pet	
H396	Castor	7 29 / 32 4	"	9:00	10	E 0:28	9L														H.P.	sky hazy once again.
				:13	10	E 0:16	9½	0	12	12	DS	0		3-4	3	1				g	H.P.	
H397	BD 20° 1940	7 49 / 20 39	"	9:34	10	E 0:15	1L														Pet	
				9:46	10	E 0:03	1½	0	12	12	none	0		2						g		
H398	B.D. 65.66	13:33 / +36°48	Feb 22	15:05	12	E 0:16	1L														V.B.	
				15:17	12	E 0:04	1½	0	12	10	25	0		2	2	3	−0.5	170.0		f	V.B.	Clear at 14
H399	B.D. 67 11	13:59 / +8° 58	"	15:40	12	E 0:05	6														V.B.	
				15:53	12	W 0:08	7L	0	12	12	5	0		"	"	"				p	V.B.	
H400	B.D. 36°.2517	14:37 / +36°.10	"	16:31	10	W 0:08	1½L	8													V.B.	
				16:42	10	W 0:20		10	12	12	none	80°		"	"	"				mg	V.B.	
4401	B.D. 7°4003	15:15 / −7°27	"	17:06	10	W 0:06	1½														V.B.	
				17 18	10	W 0 17	2R	10	12	15	30	0		"	"	"				mg	Sull	
4402	Lal 29330	16:01 / +10°56	"	17:40	15	E 0:08	1½														V.B.	
				17:57	15	W 0:09	2R	10	12	12	15	0		"	"	"				p	V.B.	
4403	BD 45.992	4 45 / 45 42	Feb 23	6:17	15	E 0:13	8R	4	12	12	3	10		2	2	4	+.2	170.0		g	VB Pet	
				6:34	15	W 0:04	4½															

Π	Star	R.A. & Decl.	Date	C.S.T.	Exposure	Remarks	Exposure Hours	Scales x	Scales y	Sectors	Printing Telescope	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks.
4404	α Aurigae	5h 9m 45 54	1919 Feb 23	6 58 7 5	6 6	W 0:04 W 0:10	9 R 8½	10	12	12	D 1/20	W	2-3	2	4	+0.2	1700	9866	f	VB VB	Sectors Lost Time seems only 4.
4405	ε Orionis	5 31 −1 16	"	7 20 7 29	8 8	W 0:05 W 0:12	6 L 6½	0	12	12	D 2/20		2						g	VB Pet
4406	B.D. 19.1185 +19° 23	5:57 +19° 23	"	7:47 7:56	8 8	W 0:03 W 0:13	6R 6½	0	12	12	90		2-3	2	4				g	V.B. V.B.
4407	B.D. +17° 1320	6:32 +17° 39	"	8:13 8:18	4 4	E 0:04 W 0:02	7L 7½	0	12	12	more		"	"	"				g	V.B. V.B.
4408	B.D. +19° 1739	7:23 +19° 50	"	8:46 9:02	15 15	E 0:22 E 0:08	5L 5½	10	12	12	30		"	"	"				g	V.B. V.B.
4409	3 Geminorum	7:39 +28° 16	"	9:27 9:36	8 8	W 0:04 W 0:11	3L 3½	2	12	12	10 2 leaf		2-3	"	3				g	V.B. V.B.
4410	ζ Canicri	8:06 +17° 57	"	9:54 10:02	6 6	W 0:03 W 0:11	10R 10½	0	12	12	3		"	"	"				g	V.B. V.B.
4411	Capella	5h 9 45° 54	Mar. 2	6:21 6:30	8 8	E 0:06 W 0:03	8½ R 9	5	12	12	D 1½ 1 leaf		1-2	2	3	-4	1692		f	VB VB
4412	ε Orionis	5 31 −1 16	"	6:46 6:55	8	E 0:02 W 0:07	6 L 6½	0	12	12	D 1/20								f	Pet VB
4413	Betelgeuse	5 50 7 23	"	7:07 7:17	9 9	W 0:01 W 0:10	4L 4½	5	12	12	D,	0							p	VB Pet
4414	BD +17° 1321	6 32 17 40	"	7:30 7:38	6 6	E 0:22 E 0:10	7 L 2½	0	12	12	20	0							g	VB V.B.

π	Star	R.A. + Dec	Date	G.M.T.	Exp. Time	Hour angle	Cypher	Scales Z	Scales 7	Scales y	Seeing	Position Angle	Position Value	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1919																			
#415		6:32		7:48	4	0:00	7L														V.B.	
	B.S.Q.	+17°32		7:54	4	W:05	7½														V.B.	
3	+17°40		Mar 2	8:01	5	W0:11	8	0	12	12	none	0	W	2	2	2	−4.0	169.2	9866	g	V.B.	
		6:46		8:16	8	W0:12	2L														V.B.	
#416	97 Monoc	−0°26	"	8:24	8	W0:21	2½	10	12	12	3	?	—	"	"	"				g	V.B.	
		7:35		8:42	7	E0:10	3Q														V.B.	
3	B.S.Q. −1°1792	−1°18	"	8:50	7	E0:02	3½	0	12	12	none	0	—	"	"	"				f	V.B.	
		8:06		9:05	6	E0:20	9½														V.B.	
#418	Cancri			9:12	6	E0:12	10Q														V.B.	
3	+17°57		"	9:19	6	E0:05	10½	0	12	12	3	0	—	"	"	"				g	V.B.	
		13:59		15:08	20	W0:05	6L														V.B.	
#419	B.G.C. 6711	+8°.58	Mar 5	15:29	20	W0:26	6½	5	12	12	5	0	W	2	2	4	−11	168.2		f	V.B.	Standard #14
		14:55		15:53	12	E0:08		8													V.B.	
#420	B.G.C. 7090	−3°42	"	16:05	10	W0:05	6L	6	12	12	30	0	—	"	"	"				f/w	V.B.	
		16:01		16:46	20	E0:20	1½														V.B.	
#421	Sal 29330	+10°57	"	17:08	20	W0:02	2Q	10	12	12	15	0	—	"	"	3				f	V.B.	
		16:38		17:30	6	E0:10	3Q														V.B.	
#422	Herculis	+31°44	"	17:37	6	E0:04	3½	5	12	12	20	30°	—	"	"	2				w	V.B.	
		6 0		6:44	6	E0:18	4½L														VB	
#423	BD 26°1067	+26 34	March 6	6:51	6	E0:12	5	10	12	12	20	40	—	3	2	2	−4.5	169.3		g	VB	Very thick!
				7:03	6	0:00	5L														VB	
#424	"	"	"	7:10	6	W0:08	4½	"	"	"	"									g	VB	"
		7:19		8:02	10	E0:28	9—														V.B.	
#425	α Gem	+32°4	"	8:13	10	E0:18	9½	0	12	12	20	3	0	—	3	3	−2			g	V.B.	

T	Star	R.A. Red'd	Date	C.S.T.	Exp.	Course	Expire T	Expire h	Scales T	Scales h	Sectors	Plate Temp.	Position Relative	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Density	Observer	Remarks
			1919																			
		7:34		8:38	8	W0:03	5R														V.B.	
3	#426 Procyon	+5°20	Mar 6	8:49	8	W0:14	5½	7	12	12	2Ω 1 leaf	40°	W	3	3	2	−4.5	169.3	9866	g	V.B.	
		8:01		9:07	6	W0:05	8L														V.B.	
3	#427 B.D. 20°1848	+26°47	"	9:14	6	W0:11	8½	5	12	12	none			"	"	"				g	V.B.	
		5 31		6:30	10	W0:08	6														VB	Started 6 1/4
3	#428 ε Orionis	−1 16	Mar 9	6:40	9	W0:17	6½	0	12	12	2Ω 1 leaf	40		3/2	1	2-3	+3	170.5		no g	Pet	thin clouds
		6 01		6:54	5	W0:04	4½														VB	
3	#429 BD 26.1067	26 34	"	7:00	5	W0:10	5L	10	12	12	2Ω	270		3	2/4	2				g	Pet	
		6 32		7:18	8	E0:10	6														VB	
3	#430 γ Geminorum	16 29	"	7:29	8	W0:06	6½	10	12	16	2Ω	0		3-4	3	1				g	Oet	very thick.
		7:29		8:07	8	E0:11	9L														V.B.	
3	#431 α Gem.	+32°4'	"	8:16	8	E0:03	9½	2	12	12	2Ω 3	0		"	"	"				g	V.B.	
		7:34		8:33	6	W0:09	5R														V.B.	
3	#432 Procyon	+5°29'	"	8:40	6	W0:15	5½	7	12	12	2Ω 1 leaf	40°		"	"	2				f	V.B.	
		8:05		9:00	12	W0:06	10L														V.B.	
3	#433 ν² Cancri	+25°47	"	9:13	12	W0:18	10½	0	12	18	2	0		2	3	4				g	V.B.	
		8:42		9:43	12	W0:13	5R														V.B.	
3	#434 ε Hydrae	+6°47	"	9:59	13	W0:29	5½	0	12	10	2Ω 6	0		"	"	2				1 g	V.B.	Haze at end.
		5 30		5:38	8	W0:07	4L														Pet	
3	#435 ν Orionis	7 23	Mar 11	5:52	8	W0:21	4½	5	12	12	2Ω 1½	0		2½	2	4	+2	189.5		g	Pet	Dew very bad.
		6 46		6:20	9	E0:07	2L														Pet	
	#436 γ Leon.	−0 26	"	6:34	9	W0:04	2½	10	12	12	3	0								g	Pet	

T		Star	R.A.	Decl	Date	G.S.T.	Exp.	Remarks	Eyepiece #	Eyepiece Mg	Scales Z	Scales y	Sector	Finder	Position Value	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observer	Remarks
					1919																			
3	#437	β Herc.	7 39 28 16		Mar 11	8:24 8:34	9 9	W0:04 W0:12	3L 3½	1	12	12	D2 Zero	0	W	2	2	2			9866	g	Pet Pet	
3	#438	Σ 1306	9 2 67 32		Mar 19	9:14 9:22	6 6	W0:02 W0:10	10½ 11L	9	12	12	2	2		1-2	2	3			9866	g	Pet HP	Park Hill 8" auroral arch.
3	#439	Lal 29439	16 3 38 52		"	16:12 16:25	12 12	0:00 W0:12	5L 5½	10	12	12	30	0		2	2	3	+6.0	171.2	9947	f	VB	
3	#440	ζ Herculis	16 38 31 44		"	16:44 16:58	6 6	E0:02 W0:05	3 3½L	5	12	12	D8	90							"	f	VB	
3	#441	BGC 7783	16 49 28 47		"	17:04 17:08	3 3	W0:07 0:10	4 4½R	10	12	12	25	90							"	p	VB	
3	#442	77 Herculis	17;24 +48°19		"	17;23	8	0:08 E.	1R 1½	10	12	14	4	0							"	p	V.B.	Daylight too strong for 2nd exp.
3	#443	γ Geminorum	6:50 +16 29		Mar 20	6:50 6:57	7 6	W0:12 W0:19	4 6½	10	12	16	D5	0		3½	2	3	+8	171.5	"	p	VB Pet	
3	#444	BD+19.1739	7 23 19 51		"	7:12 7:25	12 12	E0:17 E0:04	5 5½L	10	12	12	80	0							"	p	VB Pet	Clouds rising from N. Only 10 min. effective on 2nd exp
3	#445	B.D.-7°4003	15;15 -7° 27		Mar 22	14;42 14;58	15 15	E0:28 E0:13	1½ 2R	10	12	15	90	0	W	2	2	4	0.0	170.1	"	g	V.B. V.B.	
3	#446	B.D.-7°4003	15;15 -7° 27		"	15;19 15;35	15 15	W0:08 W0;24	1½ 2R	10	12	15	90	0		2	2	4				g	V.B. V.B.	
2	#447	ξ Herculis	16;38 +31°44		"	16:07 16;13	5 5	E0:26 E0:20	3R 3½	5	12	12	D8	90°		3	3	3				g	V.B. V.B.	

π	Star	R.A. & Decl	Date	G.S.T.	Exp'e	Remarks	Eyepiece Y	Eyepiece X	Scales Y	Scales X	Sector	Position Error	Position Error	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observers	Remarks
			1919																			
3	#448 Hercules	16:38 +31°44	Mar 22	16:23	5	E0:12	3R															
				16:28	5	E0:05	3½	5	12	12	20	0°	W	2	3	3	0.0	170.1	9947	f	O.B. O.B.	
3	#449 B.D. +28°4783	16:49 +28°47	"	16:41	3	E0:03	4½															
				16:44	3	W0:01	5R	10	12	12	25	0°		2	2	3				f	O.B. O.B. O.B.	
				16:48	3	W0:04	5½															
3	#450 B.D. +28°4783	16:49 +28°47	"	16:54	3	W0:10	5½															
				16:58	3	W0:14	5R	10	12	12	25	0°		"	"	"				f	O.B. O.B. O.B.	
				17:01	3	W0:16	4½															
3	#451 77 Herculis	17:24 +48°19	"	17:12	8	E0:10	1R															
				17:20	7	0:00	1½	10	12	14	4			2-3	3	3				g	O.B. O.B.	
3	#452 Anon 10.5m	15:17 -12:54	Mar 23	14:41	10	E0:25	2R															
				14:54	10	E0:15	2½	0	12	12	none	0°		3	2	2½	+4	170.8		f	HP Pet	guiding difficult. Clock running slow
	#453 "	"	"	15:14	"	W0:05	2½	"	"	"	"	"		3/2	"	"				f	HP Pet	clock running fast clock irregular.
				15:29		W0:20																
3	#454 R Can. Maj	7 16 -16 14	Mar 27	6:52	8	E0:02	3L														VB	
				7:00	8	W0:06	3½	10	12	16	2½	0		3	2	4/2	+3.0	170.6		g	HP	Through Clouds
3	#455 β Gem.	7 39 28 16	"	7:20	6	W0:02	3L														VB	
				7:28	6	W0:10	3½	1	12	12	D2 1 leaf	0		3	2	4				g	HP	guiding star very faint.
3	#456 γ² Cancri	8:05 +25°47	"	7:44	10	W0:01	10L														O.B.	
				7:56	12	W0:14	10½	10	12	18	2	0		3	3	4				g	V.B.	
3	#457 Hed 1384	8:47 +71°9	"	8:18	10	E0:06	3L														O.B.	
				8:29	10	W0:06	4	0	12	12	40	0		3	2	4				g	O.B.	
	#458 Σ 1306	9:01 +67°32	"	8:45	6	W0:05	10½														O.B.	
				8:52	6	W0:11	11L	9	12	12	2	2°		3	2	4				g	V.B.	

Dt	Star	R.A. Decl	Date	C.S.T.	Exp. Time	Remarks	Exposure x	Exposure y	Scale x	Scale y	Sector	Position Value	Position Value	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
			1919																			
3	#459 Anon 10m.5	9:56 +32°41	Mar 27	9:42	10	W0:08	2R	3 5	12	12	none	0°	W	2	2	4	+3.0	170.1	9947	g	V.B. V.B.	Strikes pair after 7m
3	#460 Zul 29330	16 01 +10 56	"	15:25 15:42	10 15	E0:12 W0:05	1½ 2R	10	12	15	15	0		2	2	4	+3	170.1		f	HP Pet	Definition variable average about 2.
3	#461 BGC 7783	16 49 28 47	"	16:02 16:08	4 4	E0:20 E0:14	4½ 5R	10	12	12	25	90		0-2	2	4				p	~~Pet~~ HP	
3	#462 77 X Herc.	17 24 48 20	"	16:52 17:03	8 8	E0:08 W0:03	1R 1½	10	12	14	4	0		1-2½ 25						g	Pet HP	
3	#463 6 Aurora	16 12 34 3	4pm 1	15:17 15:31	12 12	E0:13 W0:05	5R 5½	5	12	12	3	0		2-2½	2	4	-1.	170.0		p	HP Pet	MR Van B makes hurried setting guiding star very faint very little guiding possible
3	#464 BGC 7783	16 49 28 47	"	15:52 15:56	3 2	E0:13 E0:10	4½ 5R	10	12	12	25	90		2-						p	HP HP	Clock running fast quite difficult
3	#465 BGC 7783	" "	"	16 02 16:08	3½ 3	E0:03 W0:09	5R 4½	"	"	"	"	90		2						p	Pet Pet	Star faint - guiding difficult.
3	#466 BD 31.3025	17 23 31 8	"	16:28	14 14	E0:18	3½ 4R	5	12	12	90	0		1-1						p	~~Pet~~	Continuously Fad.
3	#467 Σ 1306	9 2 +67 32	April 17	7:13 7:20	6 6	E0:05 W0:02	10½ 11	9	12	12	2	2°		3	2	0-4	+6.0	171.0		f	VB	Patchy Clouds
3	#468 "	" "	"	7:32 7:38	6 6	W0:14 W0:20	11 10½	9	12	12	2									g	VB	
	#469 η Leonis	10:02 +17:15	"	8:03 8:17	12 12	E0:15 E0:02	9L 9½	10	12	12	20 H	270°		2-3	2	3				pf	V.B. V.B.	

π	Star	R.A.	Decl	Date	C.I.J	Expose	Hourangle	Eyepiece	Scales			Setting	Position Angle	Position Value	Definition	Steadiness	Transparency	Temp.	Focus	Emulsion	Quality	Observers	Remarks.
				1919																			
3	4420 B.D. e.5499	10:32	−8° 19	April 17	8:42	10	E0:05	4R														V.B.	
					8:53	10	W0:05	4½	10	12	15	10	0	W	3	3	3	+6.0	171.0	9947	f	V.B.	Same plate as 4467 Clouds at end.
3	4471 ε Ursæ Maj	11:14	+31°57	"	9:23	12	E0:05															V.B.	
					9:36	12	W0:08	2L	2/4	12	12	Q8	90°		3	3	3				f	V.B.	
3	4472 σ Cor Bor	16 12	+34 3	"	14:26	12	0:00	5R														Pet	Struck pier at end of last exposure. Clock stopt.
					14:41	12	W:14	5½	5	12	12	3	0		3	2	3	+3.2	170.6		f	HP	
3	4473 μ Drac.	17 4	54 34	"	15:09	10	E0:10															Pet	
					15:21	10	W0:01	5L	10/8	12	12	D25	0		3+		5				g	HP	
3	4474 26 Drac	17 34	61 57	"	15:41	6	E0:10															Pet	
					15:48	6	E0:02	9L	5/3	12	12	3	0		2-3						g	HP	
3	4475 99 Herc	18 4	+30 33	"	16:09	8	E0:10															HP	
					16:19	8	W0:01	-0 -½L	5	12	12	D25	0		2-3 variable						g	Pet	
3	4476 φ Drac	18 22	71 17	"	16:35	12	E0:11	8L 8½	10	12	12	D20	0		2-						f	Pet	
		9:24																				V.B.	
3	4477 Sal 18672		+6° 5	April 20	7:43	10	W0:15	2L														V.B.	
					7:54	10	W0:25	2½	5	12	12	6	0		3	3	3	+12.0	172.0		ng	V.B.	Through glass too weak!
3	4478 B.D. e.5499	10:32	−8° 19	"	8:11	10	E0:25	4R														V.B.	
					8:22	10	E0:14	4½	10	12	15	12	0		3	3	3				ng	V.B.	
3	4479 ε Ursæ Maj	10:58	+62°17	"	8:46	12	E0:18															V.B.	
					8:58	12	E0:03	8½L	0/2	12	10	D3 +leaf	90°		3-2	3	3				f	V.B.	
3	4480 ε Ursæ Maj	11:14	+31°57	"	9:16	12	0:00															V.B.	
					9:29	12	W0:11	2L	2/4	12	12	Q8	90°		3-2	3	3				p	V.B.	

✓	Star	R.A. & Decl	Date	h. M.	Exposure	Remarks	Exposure	Scales x	Scales y	Sector	Position Angle	Position Letter	Dispersion	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observers	Remarks
			1919																		
4481	Aurn. 10.5	9h 56m +32° 41'	April 24	7:35	12	E0:12	1½													V. B.	
				7:48	12	W0:05	2R	5	12	12	none	90°	W	2	2	3	+3.0	1707	9947	V. B.	
4482	α Ure. Maj	10:58 +62° 17	"	8:20	15	E0:27														V. B.	
				8:35	15	E0:10	8½L	2	12	8	D3 1 leaf	90°		2½	2	3				V. B.	
4483	ξ Ure. Maj	11:14 +31° 55'	"	8:57	12	E0:03														V. B.	Seeing getting worse!
				9:10	12	W0:09	2L	4	12	12	D8	90°		1½	2	3				V. B.	
4484	BD 7783	16 49 28 47	Apr 24	14:30	2	E0:05	4½R	10	12	12	25	90		2-	2-	5	+0.7	1723		Pet HP	
				14:37	2	0:00	5R														
4485	δ Ophiuci	17 31 +12 37	May 6	14:33	10	W0:05	8													Pet HP	
				14:45	10	W0:15	8½R	10	12	12	D25	0		2½	2	f	+10.4	171.8			
4486	99 Herc.	18 4 30 33	"	15:03	8	W0:02	½L													Pet HP	
				15:12	8	W0:10	1	10	12	12	D25	0		2							
4487	BD +20° 3876	18 35 20 33	"	15:39	6	W0:08	2½													Pet HP	Clouds during exposure.
				15:47	6	W0:14	10L	0	12	12	none	0		2							
4488	κ Ophiuc.	17 31 +12 37	May 8	14:28	6	W0:07	8R													WP Pet	
				14:38	10	W0:18	8½	10	12	12	D2	0		2-	3	5-	+4.0	176.0			
4489	99 Herc.	18 4 30 33	"	14:55	8, 8	W0:03	½L 1	10	12	12	D25	0		def. getting worse						HP	
4490	99 Herculis	18:04 +30° 33	May 10	14:20	8	E0:25	½													V. B.	
				14:30	8	E0:16	1L	10	12	12	D25	0	W	3	2	4	+9.0	171.3		V. B.	
4491	B.D. 40° 3377	18:24 +40° 39	"	14:42	6	E0:25	7R													V. B.	
				14:49	6	E0:19	8	0	12	12	none	90°		"	"	"				V. B.	

T	Star	R.A. Decl.	Date	G.M.T.	Exposure	Remarks	Exposure x	Exposure y	Scales x	Scales y	Sector	Position Angle	Position Telescope	Definition	Steadiness	Transparency	Temp	Focus	Emulsion	Quality	Observer	Remarks
		18:24	1919	14:59	6	E0:08	7R														V.B.	
H492	B.D. 40°.3374	40°39	May 10	15:05	6	E0:01	8	0	12	12	none	0°	W	2	2	4	+9.0	171.5	9947	f	V.B.	
		18:34		15:17	4	E0:02	9½														V.B.	
H493	B.D. 20°.3876	+20°33	"	15:22	4	W0:03	10L	0	12	12	None	0		1½	2	4				f	V.B.	
		18:34		15:29	4	W0:10	9½														V.B.	
H494	B.D. 20°.3876	+20°33	"	15:34	4	W0:15	10L	0	12	12	none	0		1½	2	4				g	V.B.	
		19:08		15:47	6	E0:06	1L					0		1½	2	4					V.B.	
H495	B.D. 9114	38°37	"	15:54	6	W0:02	1½	10	12	12	25	0		2	2	4				g	V.B.	
		11:14		7:48	12	E0:08		2													V.B.	
H496	ε Ursae Maj.	+31°57	May 11	8:01	12	W0:07	2L	4	12	12	20	0°		2	2	3	+13.4	172.0		/	V.B.	
		11:48		8:26	15	E0:04		5													V.B.	
H497	B.D. 5957	+74°19	"	8:38	15	W0:10	6R	3	12	12	2	270°		2	2	3				g	V.B.	
		12:50		9:04	12	E0:26	5R														V.B.	
H498	ε Ursae Maj.	+56°30	"	9:17	12	E0:13	5½	10	12	12	22	0		2	2	3				g	V.B.	
		12:55		9:43	8	W0:07	5L														V.B.	
H499	B.D. -1°2754	-2°13	"	9:52	8	W0:15	5½	0	12	12	none	0°		2	2	3				f	V.B.	
		17 31		14:25	12	W0:15	8R														Pet	
H500	α Ophiuchi	+12 38	"	14:39	12	W0:29	8½	10	12	12	D2	180°		3	2½	3	+10	171.7		g	HP	

The end of this book.

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α Androm. (See Bk VI) = E 3442, E 3505, M 3881, M 3921, M 3926,

γ Pegasi E 2354, E 2973, M 3892, M 3933,

13 Ceti (Bk VI) = E 2941, M 3944, E 4247,

α Cass. (Bk VI) M 2690 1 comp, E Tr 2968, M 3901, M 3906, M 3914, E 4159, E 4225, E 4226, E 4238, E 4253, E 4262,

η Cass. E 1792, E 1816, E 1849, M 2194, E 2336, M 3330, M 3349, M 3355, E 3443, M 3893, M 3902, E 4160,

Anon. P.M. Stour (Hubble) E 2355, M 2718, E 2942, M 3331, M 3364, E 3491, E 3506, E 3508, M 3915 1 comp., M 3927, M 3934, M 3961, E 4248,

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BD 63° 137 E 1435, E 1442, E 1457, E 1463, M 3907, M 3922, M 3935, M 3962, M 3963, M 3966, E 4161, E 4256, E 4260, E 4263,

θ Cassiop. (Bk VI) E 195, M 296, M 1645, M 2732, M 3335, M 3342, M 3379, M 3390, E 4227, E 4254,

Lal 2387 E 612, E 1019, M 1655, E 1822, E 1885, M 3464 ‖ M 3967, M 3971, E 4195, E 4249,

α Urs. Min. M 3366, M 3391, M 3396, E 3492, E 3507, M 3964, M 3972, M 3973, E 4239, E 4240

ε Cassiop. E 3038, E 3041, M 3340, M 3356, M 3365, M 3380, E 3481, E 3532, E 3533, M 3936, M 3997, M 3998, E 4162, E 4257, E 4261, E 4264,

β Arietis (Bk. VI) E 3056, E 3493, E 4250,

BD 15° 280 (Bk VI) E 4196, E 4228, E 4229

48 Cassiop. E 3482, M 3937, M 3999, E 4300, E 4321.

II h

WB 2h 95 (Bk VI)

P.M. Star near W Andr. (Parkhurst) E 3057, M 3368, M 3403, M 3409, E 3512, E 3513, E 3531, M 3968, M 3974, E 4241, E 4282,

o Ceti (Bk VI) E 1048, E 1071, E 1072, E 1459, E 1817, M 2225, M 3367, M 3392, M 3410, M 3411, E 3483, M 4000,

δ Ceti (Bk VI)

χ Ceti (Bk VI) E 791, M 2720, M 2723, M 3393, M 3398, M 3404, E 3509, E 3514, E 3534, E 3535, E 3549, E 3565, M 3969, M 3975 // Complete

RZ Cassiopeiae – E 4242, E 4255, E 4258, E 4264, E 4277,

BD -17°529 (Bk VI)

45 Arietis
Boss PGC 660 M 4017, M 4043, M 4058, E 4230, E 4251, E 4301, E 4302, E 4322, E 4333, E 4348, E 4364

III

BD -5°570 E 2426, E 4334,

BD 30°516 E 575, E 594, M 1697, E 1893, E 1914, M 2734, M 2746, M 2750, E 3035, E 3058, M 3399, M 3405, E 3536, E 3537, E 3550, E 3564, M 3983, M 4002, M 4003, M 4018, M 4019 // Complete

95 Ceti E 1879, M 2766, E 3572, M 3976, M 4044, M 4059, M 4065, M 4073, M 4243, E 4357, E 4365

BD 22°583 M 1687, E 1880 Trail, E 1894, M 3417, M 3428, E 3538, E 3573, M 4033, M 4060, M 4070, E 4303, E 4304

BD 76°154 (See Bk VII) E 3026, M 3395, M 3400, M 3406, E 3515, E 3539, E 3551, E 3552, E 3565, M 3984, M 4020, M 4045, M 4074, M 4080, E 4266, E 4283, E 4284 // Complete

BGC 1962 E 1887, E 4355,

BGC 2007 (Bk VI) E 4323, E 4335,

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o² Eridani (Bk VI) E 1488, E 1491, M 2254, E 2453, M 2767

βG C 2134 - M 3429,

βG C 2154 - M 3420, M 4066, M 4075, M 4081, E 4366, E 4389,

ε Tauri - E 1895,

α Tauri (Bk V and VI) M 2752, M 2775, E 3111, M 3418, M 3419, M 3430, E 3516, E 3540, E 3553, E 3566, E 3574, E 3586, E 3587, E 3597, M 4021, M 4022, M 4034, M 4046, M 4047, M 4061 (4310) ‖ Complete

Berl A 1248 - E 3060, M 4071, E 4349,

BD 45°992 - E 1504, M 1688, M 1706, E 1938, M 4111, E 4324, E 4356, E 4403,

BD 32°843 (Se Bk VI) M 4092, E 4336,

β 883 - E 1076, E 1125, M 1359, M 1382, M 1404, E 1480, M 1765, M 2268, M 2286, M 2875, E 3033, E 3598, E 3613, M 4067

BGC 2383 - M 4097, E 4367, E 4394 | E 4305, E 4357,

βG C 2407 - M 2323, E 2425, E 3567.

V Danger from axis of centre (See File for Measures) N.G. Series

TT Aurigae - 1917, 1963, E 2415, 2795, 2816, 2820, 2833, 2850, 2872, 3070, 3077, 3089, M 4093, E 4285, E 4325, E 4391,

μ Aurigae E 1115, E 1133, 1707, 1898, 2834, E 4350,

Anon. PMx

α Aurigae (Bk VI) M 2768, E 3071, E 3090, E 3112, E 3116, M 4023, M 4024, M 4035, M 4048, M 4062, M 4063, M 4072, M 4076, M 4077, E 4267, E 4268, E 4404, E 4411,

β Orionis E 3575,

βGC 2654 M 3435, Trail E 4306, E 4368,

Boss PGC 1299 - E 4358,

β Tauri M 2821, M 2851, M 2876, E 3029, E 3062, E 3078, E 3128, E 3554, E 3568, E 3576, E 3580, E 3618, E 3632, M 4049, M 4064, M 4094, M 4098 (4392) ‖ Complete

δ Orionis E 3517, M 4119,

ε Orionis M 2835, M 2873, M 2905, E 3075, E 3122, M 4112, E 4405, E 4412, E 4428,

§ Orionis

136 Tauri (Bk VI) E 3581, M 4133,

α Orionis M 2817, M 2906, E 3072, M 3432, E 3555, E 3569, E 3577, E 3619, E 3633, E 3634, M 4068, M 4069, M 4078, M 4095, M 4099, E 4351, E 4413, E 4435 ‖

BD 21°1079 M 3436, M 4100, M 4120, E 4307, E 4369, E 4370, E 4393,

BD 19°1185 (Bk VI) M 4125, M 4163, E 4359, E 4406,

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c BD 26°1067 (Bk VI) 2852, 3063, 3079, 3092, 4079, 4082, 4101, 4141, 4142, 4423, 4429,

β 2 Lyncis 1134,

β Anon. (6h21m) 1709, 2895 // 4121, 4360, 4395,

ε χ Gemin. 2853, 2896, 2907, 3073, 3123 | 3454, 3556, 3582, 3600, 3615, 4083, 4096, 4102, 4430, 4443,

α

BD 17°1320 - 4113, 4134, 4164, 4352, 4371, 4372, 4487, 4414, 4415,

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97 Monocerotis (Bk VI) 3616, 4122, 4180, 4197, 4353, 4361, 4416, 4436,

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R Can. Maj. 1796, 1840, 3455, 3472, 4373,

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α Gemin. (Bk V) 2482, 2495, 2879, 2881, 2897, 2909, 2931, 3094, 3160, 3617, 3636 | 3636, 3676, 4123, 4137, 4144, 4167, 4181, 4198, 4396, 4425, 4431 //

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BD -1°1792 2359, 2392, 2484, 4211, 4417,

β Geminorum 2949, 2955, 2966, 3605, 3622, 4218, 4409, 4437, 4455,

BD 20°1940 (Bk VI) 3134, 3485, 4200, 4212, 4397,

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BD25°1848 - 2346 (M), 2360 (M), 2379 (M), 3602 (E), 3637 (E), 3710 (E), 4124 (M), 4427 (E)

ψ² Cancri - 3456 (M), 3464 (M), 4182 (M), 4219 (M), 4433 (E), 4456 (E),

ζ Cancri - 2347 (M), 2485 (E), 2819 (M), 2911 (M), 2950 (M), 3603 (E), 3606 (E), 3623 (E), 3655 (E), 3656 (E), 3678 (E), 3690 (E), 4138 (M), 4146 (M), 4169 (M), 4213 (M) || Complete for II 4410, 4418.

BD-11°2289 - 2975 (M), 2992 (M), 3126 (E), 3167 (E),

BD-11°2305 - 2976 (M), 3127 (E), 3131 (E), 4139 (M), 4147 (M)

βGC 4714 - 2031 (E), 2994 (M), 3168 (E), 3624 (E), 4170 (M), 4183 (M),

BD-15°2546 - 3475 (M),

ε Hydrae (Bk VI) 2486 (E), 3497 (M), 3498 (M), 3657 (E), 3691 (E), 4201 (M), 4434 (E),

9 i Urs Maj. (Bk VI) 2951 (M), 3004 (M), 4231 (M), 4244 (M),

Fed 1384 (Bk VI) 4457 (E),

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Σ1306 - 3476 (M), 4140 (M), 4148 (M), 4171 (M), 4438 (E), 4458 (E), 4467 (E), 4468 (E)

A De 9599 - 577 (M), 599 (M), 1550 (E), 1556 (E), 3017 (M), 3169 (E), 4220 (M),

Fed 1457-8 (Schl) 3049 (M), 3151 (E),

Lal 18672 (Bk VI) 2499 (E), 2977 (M), 4202 (M), 4232 (M), 4477 (M),

Lal 19022 2043 (E), 2487 (E), 2995 (M), 3005 (M), 3009 (M), 3186 (E), 3193 (E), 3478 (M), 3486 (M), 3499 (M), 3546 (M), 3658 (E), 3679 (E), 3692 (E), 3715 (E), 4184 (M), 4221 (M) || Complete

BD-13°2948 243 (E), 390 (E),

WB g^h 954 2032 (E), 2056 (E), 3006 (M), 3466 (M), 4252 (M),

7 Sextantis
Anon. 10^m.5 4459 (E), 4481 (E),

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η Leonis E 3142, E 3159, E 3187, M 3477, M 3479, M 3487, M 3500, M 3501, E 3680, E 3693, M 4185 // M 4222, E 4[illegible]

Br 1447 (See Bk VI) M 2397, M 2403, E 2523, E 3681,

BGC 5499 – E 4470, E 4477,

ζ Leonis E 246, E 391, E 2063, M 3050, M 3522,

37 Leonis Min. M 2959, M 2982, M 3019, E 3188, E 3194, E 3205 // E 3716, M 4203, M 4217,

BD 31°2175 (Bk VI) M 602 // M 4223,

λ Ursae Maj. (Bk VI) E 3694, E 3741, M 4269, M 4278, M 4286, M 4290, M 4291, E 4479, E 4482,

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Lal 21258 (Bk VI) E 2045, E 3208, E 3221, M 3488, M 3523, M 3541, E 3732, M 4293,

δ Leonis M 2398 // E 2519

BD -1°2505 (Bk VI) M 604 //

ξ Urs. Maj. (Bk VI) E 3742, E 3755, E 3763, M 4294, M 4308, M 4337, E 4471, E 4480, E 4483, E 4496,

AOe 11677 (Bk VI) M 4271,

BD 20°2594 (Bk VI) 3196, M 4326,

BD 8°2507 (Bk VI) M 4224,

BD 8°2512 (Bk VI)

BGC 5811 – M 3051, M 4279, M 4287,

89 Leonis – M 1873,

β Leonis (Bk VI) E 3734, E 3765, E 3770, M 4327.

Grb 1830 M 63, M 84, M 1136, E 3718, E 3733 // E 3735, E 3742, E 3751, E 3764, M 4292, M 4295, M 4309, M 4315, M 4363,

BGC 5951 – M 2998, M 3021, E 3207, E 3222, M 4259, M 4272, M 4280, M 4374, M 4497,

67 Urs. maj. – M 4274, M 4338, M 4347,

XII

BD 28°2078 - 648, 1575, 2434, 2526, 2549, 3008, 3098, 3103, 3209, 3212, 3524, 3542, 3558, Wrong star throughout this series. [3583, 3752, 3756.]

δ Corvi - 172, 187, 2407, 2446, 2527, 2550, 2551, 3099, 3518, 3525, 3526, 3527, 3543, [3544, 3558, 3753, 3757, 3773, 3775, 3780.] Complete

ε Ursae Maj. 3052, 3104, 3584, 4498,

NGC 4594 - 1912, 1969, 1970, 3210, 3213, 4377,

12 α Can. Venat. (Bk VI) 2077, 2435, 2460, 2536, 2546, 3545, 3588, 3744, 3773, 3776, 3787, 4288, 4296, 4310, 4316, 4328, 4339,

BD −1°2754 (Bk VI) 3546, 3559, 3560, 3590, 3736, 3754, 3758, 3766, 3783, 3784, 3791, 3792, 4296, 4311, 4312.

XIII

β Comae (Bk VI) 2561, 3100, 3528, 4375, 4383,
Weisse B 13h 241 - 1903, 2448, 2454, 2461, 2558, 3224, 3230, 3777, 4317,

ζ Urs. Maj. - 3023, 3053, 3607,

BD 68° 724 - 1934, 3054, 3519, 3625,

BD 47°2072 - 3772, 4281, 4289, 4329, 4378,
βGC 6566 - 3774, 4298, 4343, 4398,

BG 2 - 415, 666, 675, 690, 780, 1066, 1118, 1138, 2092, 2097, 2421, 2422, 2442, 3234, 3585, 3591, 3785, 3789.

η Urs. maj. 3520, 4273, 4275, 4376,
Σ 1785 (Bk VI) 3231, 3236, 3237, 3242, 3250, 3529, 4330, 4340, 4384,

Oxf 26°86067 - 1904, 1913, 1922 (Trial), 1971, 2093, 2098, 2430, 2437, 3592, 3608, 3778, 3781, 4313

βGC 6711 2088, 2094, 2099, 2472, 2478, 2562, 2575, 2587, 3118, 4399, 4419

XIV

α Bootis - 1595 E // 2468, 2560, 2568, 2574, 3530, 3561, 3562, 3592 M Lei 3609, 3626, 3782, 4299, 4331, 4344, 4379,

BGC 6842 - 2101 E, 2431, 2443, 2450, 2473, 2488, 2569, 3055, 3238, 3779, 3786, 3790, 3804, 4314, 4318, 4345, 4385 //

Oxf 25°42937 - 1942, 1972, 1984, 2105, 2109, 2110, 2116, 2456, 2489,

BD 34°2541 - 372, 677, 691, 709, 722, 1251, 1514, 1598,

BD 36°2517 - 2017, 3647, 4319, 4400 | rejected.

BD 36°2525 - 1923, 1951, 1993, 2003, 2100, 3241, 3243, 4386,

BGC 6999 - 1081, 1927, 2474, 3659,

ξ Bootis - 1921, 2438, 2463, 2469,

BGC 7040 - 4332, 4341, 4380, 4420

XV

44 i Bootis - 3107, 3142, 3161, 3247, 3259, 3610, 3805,

[DO+25°2874] Oxf 25°44446 - 668, 678, 692, 697, 782, 788, 1098, 1110, 1129, 1275, 1279, 1485, 1507, 1524, 1600, 1601, 1609, 2605, 2611, 3133, 3139, 3244, 3267, 3627, 3628, 3665, 3682] Complete

BD - 7°4003 - 3648, 3638, 4342, 4401, 4445, 4446,

Lei 5456 - 2444, 2451, 2457, 2470, 2584, 3593,

Anon. 10h5 - 4320, 4387, 4452, 4453,

μ² Bootis - 2479, 2490, 3666, 3807, 3812, 3820, 4346, 4381,

OΣ 298 - 2033, 2491, 3150, 3162, 3251, 3683,

WB 15h1323 - 2464, 2471, 2476, 3252, 3263, 3594, 3611, 3806, 3813, 3821,

XVI

Lal 29439 - 1614, 1995, 2007, 2035, 2122, 2459, 2465, 2475, 2645, 2670, 3151, 3180, 3190, 3629, 3639, 3808, 4439,

Kal 29330 - 3280, 3639, 3660, 3667, 3684, 4388, 4402, 4421, 4460,

□ Coronæ Bor. - 3701, 3719, 4463, 4472,

τ Herculis - 3696, 4382,

ξ Herculis - 3202, 3293, 3297, 3311, 3595, 3596, 3604, 3612, 3630, 3631, 3640, 3649, 3661, 3822, 3833, 3860, 3868 ‖ 4422, 4440, 4447, 4448 ‖ Π Complex

BGC 7783 - 3662, 3668, 3672, 3673, 3702, 3815, 3823, 3834, 3861, 3868, 3869, 3870, 3873, 3874, 4441, 4449, 4460, 4461, 4464, 4465, 4484 ‖

XVII

μ Draconis - 3182, 3203, 3269, 3685, 3697, 3698, 3882, 3885, 3894, 3916, 4473,

BD 31°3025 - 232, 427, 3322, 3669, 3699, 3713, 3720, 3871, 3886, 3917,

77 χ Herculis - 1553, 1560, 1563, 2164, 2664, 2672, 3204, 3216, 3282, 3294, 3298, 3650, 3835, 3875, 3895, 3908, 4442, 4451, 4462 ‖ -

BGC 8038 - 2037, 2161, 2512, 2529, 3323, 3357, 3703, 3711, 3721, 3724, 3727, 3883, 3928, 3930 ‖

α Ophiuchi (Bk V and VI) - 2477, 2516, 2540, 3306, 3312, 3324, 3336, 3641, 3704, 3712, 3863, 3923, 3938, 3945, 4485, 4488, 4500 ‖

26 Draconis - 227, 234, 401, 732, 749, 819, 1119, 1326, 1540, 2652, 2707, 2708, 3663, 3664, 4474 ‖ Complete

β Ophiuchi - (Bk V) - 3547, 3725, 3722, 3728, 3738, 3745, 3872, 3876, 3887, 3896, 3909, 3918, 3955, 3903

30 Draconis - 1565, 3148, 3737, 3949,

Barnard's P.M. Star: 2586, 2596, 2597, 2685, 2699, 2709, 2710, 2724, 2725, 3101, 3109, 3184, 3217, 3226, 3270, 3295, 3313, 3337, 3344, 3352, 3670, 3671, 3674, 3675, 3686, 3687, 3700, 3877, 3910, 3924, 3929 ‖ Complete

XVIII

BD -16°4706 - E 457, M 2517, E 2665,

99 Herculis - E 3283, E 3307, E 3345, E 3369, M 3729, M 4475, M 4486, m+ 4489, M 4490

β 639 - E 3919, E 3925 1 comp., E 3913 1 comp., E 3950,

ρ Draconis (Bk VI) - E 3314 - E 3346, E 3884, E 3977, E 3985, M 4476,

BD 40°3374 - E 2699A, m+ 3723, m+ 3726, M 3739, M 3754, M 3768, E 3888, E 3897, E 3904, E 3931, E 3956, M 4491, M 4492,

BGC 8663 - E 3911, E 3946, E 3978, E+ 4025, Trifecta too small!

α Lyrae - (Bk V-VI) M 2518, M 2532, M 2538, M 2541, E 2678, E 2686, E 2687, E 2696, E 2711, E 2726, E 2739, E 3218, M 3332, E+ 3338, E 3353, E 3381, M+ 3705, M+ 3706, M 3709, M 3714, E 3932, E 3940, E 3947, E 3979 //

BD 20° 3876 - M 2542, M 2553, M 3730, M 3731, M 3740, M 3748, E 3905, E 3946, E 3948, E 3951, E 3957, E 3986, M 4487, M 4493, M+ 4494, M+ 4501 //

β Lyrae (Vol V) - M 2539, M 2543, M Trait 2564, E 2697, E 2712, E 2740, E 2781, M 3228, E 3315, E+ 3382, E 3747, M+ 3760, M+ 3792, E 4001, E 4004, E+ 4009,

BGC 8933 3648 - E 3370, E 3952, E 3993,

XIX

BGC 9114 - E 2796, E 2809, M 3220, M 3233, E+ 3371, M 3769, M 3793, E 3942, E 3953, E 3987, E 4005, M 4495,

BD -0°3676 (Bk VI) - E 2215, E 2243, E 2274,

Cygni 6 - (Bk VI) - E 2259, E 2269, M 2564, M 3749, M 3761, E 3958, E 4036,

RR Lyrae (Bk VI) - E 2240, E 2246, M 3234, E 4010, E 4026,

β Cygni - E 2782, E+ 2823, E 2837, M 3229, E 3959, E 4006, E 4037,

Grbr 2875 - E 2280, E 2728, E 2776

δ Aquilae (Bk VI) M 2102, E 3943 // E 3954, E 3994, E 4011,

δ Cygni - 3285, E 3358, E 3383, E 3988, E 4050,

χ Cygni - E 2255, E 2260, E 2261, E 3359, M 3750, M 3794, E 4051,

ζ Sagittae - M 2556, E 2754, E 2797, E 2810, E 3360, E 3372, M 3762, M 3795, M 3798, E 3980, E 4027, E 4028,

α Aquilae - (Vol V) - M 2599, E+ 2755, E 2783, E 2811, E 2860, E 3437, M 3799, E 4084,

β Aquilae (Vol VI) - E 2742, E 2798, E 2824,

XX

BD 36° 3883 – 2241, 2247, 2256,

BD 35° 3972 – 1763, 2186, 2193, 2200,

BD 26° 3867 (Bk VI) – 2861, 3960, 3995,

BD 27° 3704 – 3981, 3982, 4007, 4012,

BGC 10289 – 1786, 1806, 2222, 2227, 2572, 2600, 2784, 2812, 3256, 3800, 3809, 3816, 3981, 3991, 4028, 4038 ||

BD 15° 4556 – 2273, 2275, 2290, 2296, 3796,

γ Delphini – 1693, 1743, 1767,

α Cygni – 2598, 2785, 2799, 2825, 2839, 3801,

κ Delphini – 1787, 2209, 2223, 3438,

ε Cygni (Bk VI) – 2118, 2228, 3248, 3254, 3260, 3361, 3374, 3386, 3433, 4008, 4053, 4103,

55 Cygni – 2913, 4013, 4054,

4 Aquarii – (Bk VI) 2760, 4029, 4039, 4104,

ε Equulei (Bk VI) 2291, 4129, 4149,

BD 37° 4131 – 2276, 2308, 2315, 2330, 2337,

Anon. 11m.5 – 3990, 4085,

NB 20h 1454 – (Bk VI) 2885, 4055,

Anon. 11m – 3996, 4086,

XXI

Lal 40844 – (Bk VI) 3440, 3817, 3818, 3824, 4105, 4106 ||

WB 21h 27 – 2368, 2901, 2914,

ε Equulei (Bk VI) – 1401, 1407, 2137, 4172,

66 Cygni – 2925, 2936, 3802, 3803, 3810, 4014, 4030, 4040, 4150, 4173, 4174,

ν Cephei – (Bk VI). 2758, 2801, 2827, 2841, 2886, 3825,

13 Equulei Lal 41746 – 29, 88, 118, 126, 133, 343, 436, 1762,

Br 2792 – 319, 1721, 1755, 1773, 3266, 3274, 3828,

WB 21h 602 (Bk VI) 4056, 4087,

71 g Cygni – 2297, 2309, 2316, 2331, 2349, 2626, 2634, 2902, 3258, 3262, 3265, 3275, 3276, 3446, 3447, 3811, 4130, 4151 || Complete

BD 24° 4411 – 2920,

Lal 42128 – 2317, 2332, 2338, 2362, 3296 || 3826, 3829, 3830, 4015, 4031, 4116, 4175, 4187,

BD 26° 4237 – 2856, 2863, 2887, 2903, 2915

Oxf 24° 74584 – (Bk VI) 974, 1075, 2642, 3287, 4016, 4041, 4204,

ζ Pegasi (Companion) 2780, 2802, 2828,

μ Cygni (Bk VI) 1756, 1763, 1769, 2138, 2152, 2153, 2250, 2298, (2310) Spical, 3836, 3839

31 π² Cygni 2969, 3421, 4152,

Lal 42883 – 1408, 1423, 1713, 1737, 2160

XXII

ε Cephei - 497, 1744, 1774, 2282, 2658, 3278, 3290, 3413, 3819, 3840, 3848, 4088, 4131, 4153,

WB 22h82 - 2318, 2339, 2350, 2363, 2369, 3302 // 3831, 3837, 4032, 4042, 4057, 4107, 4117,

33 Pegasi - 1788, 1805, 1812, 2265, 2649, 2653, 2666, 2803, 2813,

ξ Aquarii (Bk VI) 3467, 3864, 4188, 4189,

Krueger 60 - 2149, 2821, 2842, 2864, 3291, 3300, 3305, 3422, 3854, 3855, 4132, 4154, 4155 // Complete

δ Cephei - 1394, 1399, 1432, 2283,

BD 28° 4391 (Bk VI) - 2888, 4205,

η Aquarii - 2970, 3458, 3878,

Mu, 31343 - 2858, 2889, 2916, 2921, 3827, 3838, 3841, 3842, 3844, 3849, 4089, 4108, 4126 | 4176, 4177 // Complete

Σ 2944 - 1731, 1739, 1758

Lal 44739 - 2319, 2351, 2370, 2393, 3832, 3843, 3845, 3846, 3850, 3851, 4090, 4156, 41 Comple

BD +13° 5006 - (Bk VI) 3856, 3859, 3865,

50 ζ Pegasi (Bk VI) 4118

0Σ 536 (Bk VI) 3318 // 3423,

2 Androm. (Bk VI) 3328, 3450, 4127, 4190, 4206, 4207 // Complete.

β Pegasi (Bk VI) 2661, 2674, 2679, 2804, 2843, 2859, 2890, 3279, 3289, 3320, 3459, 3504, 4245.

ι Pegasi (Bk VI) 2691, 2844, 2917, 2939, 2983, 3319, 3321, 3457, 3857, 3879, 3889, 3898, 391 | 4233

XXIII

π Cephei - 3362, 3388, 4208, // 4157.

BC 12274 - 1759, 2170, 1834

BC 12404 - 2279, 2352, 3468, 3858, 3866, 3880, 3890, 3891, 3899, 4091 // 4109, 4191 Comple

BD - 8° 6177 - 1864, 1876, 1884, 2365, 3460, 3900, 3913, 3920, 4158, 4246,

Lam. 32805 - 4236 - 4237 // Complete (see Bk VI)

BC 12608 (Bk VI) 3332, 3490, 3847, 3852, 3853, 3867, 4110, 4128, 4192, 4193, 4209, 4234, 4235