KG
11366
v.712

1997phac.proj.1736

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Journal Dec 1877 continued from R.1798

				6589				
23d	5.2	26 Cygni.		4	9.32	240.97	H	P
	5.3	" "		4	8.90	241.15	"	S
	5.4	" "		4	9.95	241.40	"	P
	5.5	" "		4	8.65	241.50	"	S
	5.6	ψ Cygni		4	14.30	240.10	"	P
	5.6	" "		4	18.32	241.32	"	S
	5.7	" "		4	18.42	240.02	"	P
	5.8	" "		4	17.77	240.77	"	S
	6.2	Japetus		5	1.366		I	P
	6.3	"		5	1.198		"	S
	6.7	* mict. fm Lab Mass.	(b)	5	.562		"	P
	6.8	* mict. fm mon. almy Oct. Ed.	4 Q.H. (a)	2	.635		"	"
	6.9	"	(b)	5	.516		"	S
	7.0	"	(a)	2	.645		"	"
	8.7	* mict. Aug 17.h	a	5	.752		"	P
	8.8	" " "	b	2	1.125		"	"
	8.9	" "	a	5	.750		"	"
	9.2	ζ Aldebaran		4	33.62	152.47	H	"
	9.3	" "		4	34.10	152.40	"	"
	9.4	51 "		4	10.70	239.50	"	"
	9.5	" "		4	10.95	239.70	"	"
	9.8	30 Tauri		4	8.77	236.47	"	"
	9.9	" "		4	8.55	239.40	"	"
				6681				
24d	5.3	5 Lepus		4	42.52	146.37	"	"
	5.9	α Delphini		4	1.37	150.27	"	"
	6.0	β "		4	20.2	240.52	"	"
	6.1	γ "		4	32.02	149.72	"	"
	6.2	" "		4	33.00	149.95	"	"
				6701				

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comp with Saturn.

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Dec 1877 6701

24h	6.4	δ	Equulei		4	3.85	150.30	H	P
	6.5	"	"		4	4.10	240.40	"	"
	7.2	ζ	Aquarii		4	43.07	149.07	"	"
	7.3	"	"		4	41.42	149.42	"	"
	7.4	ψ¹	"		4	7.05	150.25	"	"
	7.5	"	"		4	6.95	240.35	"	"
	7.9	32	Eridani		4	29.15	152.20	"	"
	8.0	"	"		4	25.75	238.15	"	"
	8.5	θ	Orionis	1.2	4	28.82	149.97	"	S
	8.6	"	"	1.3	4	32.17	149.62	"	"
	8.6	"	"	1.4	4	16.17	238.97	"	"
	8.7	"	"	2.3	4	40.42	148.47	"	"
	8.9	"	"	2.4	4	32.90	148.95	"	"
	9.0	"	"	3.4	4	27.25	240.65	"	"
	9.0	"	"	1.2	4	25.62	239.62	"	P
	9.0	"	"	1.3	4	26.10	239.85	"	"
	9.1	"	"	1.4	4	46.13	239.62	"	"
	9.2	"	"	2.3	4	44.75	151.05	"	"
	9.2	"	"	2.4	4	33.05	149.60	"	"
	9.3	"	"	3.4	4	29.85	149.50	"	"
	9.4	"	"	1.3	4	28.62	149.47	"	S
	9.5	ι	Orionis		4	6.97	149.22	"	"
	9.6	"	"		4	6.90	148.60	"	P
	9.7	"	"		4	7.15	239.50	"	S
	9.7	"	"		4	7.12	239.42	"	P
	9.9	α	Can. Maj.		6	.40		"	"
					6807				

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Dec 1877 6791 6807

1087	25h 5.9	α Ursae Min.	4	2.65	116.80	H P
		" "	4	2.85	116.85	"
	5.1	" "	4	3.00	206.84	"
	5.2	" "	4	2.85	206.55	"
	5.6	κ Cephei	4	9.27	206.12	"
	5.7	" "	5	10.10	116.85	"
	5.9	β Cephei	4	6.52	116.52	"
	5.9	" "	4	7.22	206.32	"
	6.0	ξ Cephei	4	22.85	206.70	"
	6.1	" "	4	21.57	116.92	"
	6.2	δ Cephei	4	13.40	116.80	"
	6.3	" "	4	15.85	206.30	"
	7.9	ψ' Piscium	4	41.02	208.42	"
	8.0	" "	4	42.67	207.42	"
	8.1	55 Piscium	4	14.25	117.60	"
	8.2	" "	4	13.90	208.40	"
	8.2	" "	4	12.25	118.10	"
	8.3	φ Piscium	4	5.60	118.50	"
	8.4	" "	4	5.20	208.10	"
	8.5	γ Arietis	4	43.77	210.92	"
	8.6	" "	4	43.75	206.55	"
	9.0	ξ Orionis	4	1.62	209.22	"
	9.1	" "	4	1.67	119.12	"
	9.2	" "	4	18.17	206.12	"
	9.4	δ Orionis	4	7.17	117.07	"
	9.5	" "	4	6.77	206.42	"
	9.6	β Orionis	4	2.77	116.22	"
1114	9.7	" "	5	285	206.70	"

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Dec 1877			6905 6921				
11h 52m	9.8	2655 Lacaille	4	5.87	116.77	H	P
"	9.8	" "	4	5.07	206.12		"
"	9.9	K "	4	16.77	204.42		"
"	9.9	" "	4	17.95	113.85		"
~~60~~		~~Venus~~	6921 6937				"
26h 5.6	*	near Venus.	6	4.02			P
		Venus.	10				PS.
6.0	β	Delphini	4	3.40	116.80		S
6.0	"	"	4	2.12	116.87		P
6.1	"	"	4	2.90	206.60		S
6.2	"	"	4	2.77	206.57		P
6.2	δ	Equulei	4	3.55	206.90		P
6.3	"	"	4	3.62	117.07		P
6.4	"	"	4	3.90	117.30		S
6.5	"	"	4	4.10	207.20		S
6.8	γ	Delphini	4	35.02	206.97		"
6.9	"	"	4	31.85	206.90		"
9.2	ζ	Cancri	4	32.90	207.30		P
9.2	"	"	4	34.20	206.10		"
9.7	β	Cephei	4	7.27	116.12		"
9.8	"	"	4	8.27	116.17		S
9.9	"	"	4	7.25	206.55		"
9.9	"	"	4	6.72	206.97		P
10.0	ε	Draconis	4	13.60	206.35		"
10.1	"	"	4	14.90	206.60		S
10.1	"	"	4	12.02	116.52		P
11h 40	10.2	"	"	4	13.02	116.15	S
			7033 7017				

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Dec 1877

1141	27h 50	γ Delphini	4	33.17	207.42	III	P
	5.	" "	4	32.80	207.90		"
	53	α Lyrae	4	.70	116.65		"
	54	" "	4	.60	116.75		S
	54	" "	4	.50	206.60		P
	55	" "	4	.50	206.65		S
	57	52 Cygni	4	59.2	206.62		P
	57	" "	4	6.57	206.27		S
	58	" "	4	5.30	116.60		P
	58	" "	4	5.72	116.37		S
	59	β Delphini	4	1.97	116.67		P
	6.0	" "	4	2.02	116.57		S
	6.1	" "	4	2.40	206.30		P
	6.2	" "	4	2.32	206.27		S
	6.3	δ Equulei	4	3.40	206.75		P
	6.3	" "	4	3.67	206.52		S
	6.4	" "	4	4.60	116.60		P
	6.5	" "	4	4.40	116.40		S
	6.5	I Pegasi	4	5.80	116.95		S
	6.6	" "	4	5.35	206.95		S
	6.8	K Pegasi	4	4.27	205.97		P
	6.9	" "	4	4.12	206.47		S
	7.0	" "	4	4.07	116.37		P
	7.0	" "	4	3.87	115.92		S
	7.1	I Pegasi	4	5.62	115.77		P
	7.2	" "	4	5.45	206.55		"
	8.7	ξ Cephei	4	20.22	116.62		P
1168	8.7	" "	4	21.70	114.70		S

7033 7017

7129 7145

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Dec 1877

1169	27h	8.8	ξ	Cephei	4	19.97	206.37	H P
		8.8	"	"	4	22.87	205.77	" S
		9.3	δ	Cephei	4	17.12	206.57 205.915	" P
		9.3	"	"	4	20.45	117.27	" S
		9.4	"	"	4	17.97	192.42	" P
		9.5	"	"	4	17.45	116.90	" S
		9.9	κ	Cephei	4	10.80	206.10	" P
		9.9	"	"	4	10.47	206.72	" S
		10.0	"	"	4	9.20	116.40	" P
		10.1	"	"	4	10.17	116.47	" S
	28h	5.4	α	Lyrae	4	.60	116.70	" P
		5.4	"	"	4	.72	116.57	" S
		5.5	"	"	6	.50		" P
		5.6	"	"	6	.50		" S
		5.8	52	Cygni	4	6.25	206.75	" P
		5.8	"	"	4	6.72	206.47	" S
		5.9	"	"	4	6.40	116.55	" P
		6.0	"	"	4	5.45	115.85	" S
		6.2	κ	Pegasi	4	4.00	116.05	" P
		6.2	"	"	4	3.77	116.57	" S
		6.4	"	"	4	4.45	206.15	" P
		6.4	"	"	4	4.52	206.87	" S
		6.9	ψ	Aquarii	4	6.87	207.07	" S
		7.0	"	"	4	7.60	117.00	" "
		7.8	"	"	4	6.95	117.10	" P
		7.9	"	"	4	6.20	206.80	" "
		8.2		Jupiter	5	1.264		I "
1196		8.4		Titan	5	2.516		" "

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Dec. 1877

11h 28m	9.0	δ Andromedæ	5	2.380		I	P
	9.5	μ Andromedæ	5	1.580		"	"
	9.7	α Arietis	5	1.624		"	"
29h	5.3	ξ Aquarii	4	41.42	206.37	H	"
	5.4	" "	4	41.90	206.80	"	"
	5.5	" "	4	41.68	208.77	"	S
	5.6	" "	4	41.27		"	"
	5.7	κ Pegasi	4	3.67	206.67	"	P
	5.7	" "	4	3.92	206.67	"	S
	5.8	" "	4	4.65	117.45	"	P
	5.8	" "	4	4.20	117.45	"	S
	6.1	α Lyræ	4	.67	117.12	"	P
	6.1	" "	4	.57	117.17	"	S
	6.2	" "	4	.57	207.27	"	P
	6.2	" "	4	.52	207.32	"	S
	9.5	α Andromedæ	5	2.122		T	P
	9.6	" "	5	1.844		"	S
3h	6.5	μ Cygni	5	1.988		"	P
12.5	6.6	" "	1	1.45		"	S

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1878.

Jan 1878

1216	1d 6.9	19 H Camel.		4	10.37	H P
	8.0	α Ursae Minoris		4	2.80	" P
	8.3	" "		4	2.57	" S
	8.4	" "		4	2.60	" P
	8.5	" "		4	2.85	" S
	8.8	32 H Camel.		4	39.92	" P
	9.1	" " "		4	38.05	" "
						E +
3d	5.3	α Lyrae (a),	α Lyrae	5	1.072	I P
	5.5	α Aquilae	α Aquilae	5	1.370	" "
	5.6	γ "	" "	5	.940	" "
	5.7	" "	" "	5	.664	" S
	5.9	β Delphini (a)	β Delphini	5	2.534	" P
	5.9	" " b	" "	3	1.803	" "
	6.0	" " a	" "	5	1.608	" S
	6.2	α Cygni	α Cygni	5	.916	" P
	6.3	" "	" "	6	.954	" S
	6.5	" "	" "	5	.830	" P
	6.6	" "	" "	5	.692	" S
	6.8	o² Cygni	o² Cygni	5	2.376	" P
	6.9	" "	" "	5	2.098	" S
	8.4	α Andromedae	α Andromedae	5	2.140	" P
	8.5	" "	" "	5	1.802	" S
	8.9	α Andromedae		4	1.30	H P
	8.9	" "	(Ghost)	4	2.77	" S
	9.0	" "		4	1.22	" P
	9.2	" "		4	1.10	" S
	9.3	" "		4	1.27	" S

1242

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Jan 1877

			7448				
			7464				
1243	3d	9.4	μ Andr.	5	1.528	I	P
		9.5	" "	4	1.162	"	S
		9.7	" "	4	1.288	"	"
		9.9	α Cassiop.	4	2.87	H	P
		10.0	" "	4	2.65	H	"
				7469			
				7485			
544		5.8	α Lyrae contra	5	1.038		I P
		5.9	" " "	5	.774		" S
		6.0	ε Lyrae a α Lyrae	5	1.088		" P
		6.0	" " b "	5	.350		" "
		6.1	" " c "	5	.370		" "
		6.1	" " a "	5	.620		" S
		6.2	" " b "	5	.266		" "
		6.3	" " c	5	.288		" "
		6.5	α Delphini	5	2.318		" P
		6.6	"	5	2258		" S
		6.7	Jupiter	5	.926		" P
		6.8	"	5	.784		" S
		8.4	β Regali	5	1.164		" P
		8.5	" "	5	1074		" S
		8.6	α Androm.	5	2.144		" P
		8.7	" "	5	1.572		" S
		8.9	" "	4	1.20		H "
		9.0	" "	4	1.25		" "
		9.1	" "	4	1.15		" P
		9.2	" "	4	1.17		" "
		9.3	o Ceti	4	5.40		" "
1269		9.4	" "	4	5.60		" "
				7573			
				7589			

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	Jan 1878		7573 7589		
12h 50m	9.5	γ Celi	4	14.35	H P
	9.6	" "	4	19.27	" "
	9.7	v "	2	7.70	" "
			7383 7599		
	6t. 5.5	α Aquilae	5	1.820	I P
	5.6	γ " γ Aquila	5	2.428	" "
	5.8	α Delphini	5	2.700	" P
	5.9	" "	5	2.134	" S
	6.0	β Aquarii	5	2.456	" P
	6.1	" "	3	2.27	" S
	6.4	γ Celi	4	14.55	H P
	6.5	" "	4	14.87	" S
			7619 7637		
	9t 6.5	ε Draconis	4	12.75	H S
	6.6	" "	4	16.72	" "
			7627 7645		
	12h 1.2	Cubani - anon 8t.	5	3.674	I S
		"	5	3.708	" "
	1.8	"	5	2.764	P
		"	5	2.740	"
	1.9	"	5	3.080	S
		"	5	3.082	"
	2.4	"	5	3.348	
		"	5	2.994	
	5.3	" cloudy	5	1.978	P
		" "	5	1.928	"
1293	5.5	" "	5	5.206	"
			7682 7700		

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Jan. 1878				7682 7700		
12½/12th	5.6	α	Aquilae	5	.906	I S
	5.8	β	Delphini (a)	5	2.502	P
	5.9	"	" (a)	5	2.148	S
	6.1	α	Aquarii	5	1.744	P
	6.2	"	"	5	1.978	S
	6.3	γ	"	5	2.176	S
	6.8		Saturn	5	.846	"
	6.9		"	5	420	"
	8.3	β	Pegasi	5	1.072	P
	8.4	"	"	5	1068	S
	8.6	γ	" a	5	1.558	P
	8.6	"	" b	5	1.206	"
	8.7	"	" a	5	1.164	S
	8.8	"	" b	5	790	"
	9.0	δ	Andromedae	5	1.888	P
	9.0	"	" br.	5	2.420	"
	9.1	"	"	5	1.576	S
	9.3	μ	Andromedae	5	1.476	P
	9.5	β	"	5	1.370	"
	9.6	"	"	5	1.120	"
	9.6	"	"	5	1.112	"
	9.7	"	"	5	1.364	"
	9.7	"	"	5	904	"
	9.8	"	"	5	1.288	"
				~~7802~~ 7820		
13th	5.8	26	Cygni	4	9.47	H P
1319	5.9	"	"	4	9.60	" "
				~~7828~~ 7810		

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1877phae.proj.1716.

Jan 1878 7810 7828

1320						
13h	6.1	ε Draconis		4	11.37	H P
	6.2	" "		4	14.40	" "
	6.4	α Ursae Minoris		4	3.00	" "
	6.4	" " "		4	3.05	" S
	6.5	" " "		4	2.72	" P
	6.6	" " "		4	2.79	" S
	7.2	π Andromedae		4	8.12	" P
	7.2	" "		4	8.42	" "
				~~4~~		
	22.0	Cast. antiθ Star	dec	~~5~~ 7842	29.54	I "
	22.1		inc	5	2.662	" "
	22.2		dec	5	3.126	" S
	22.3		inc	5	3.052	" "
14h	1.4		dec	5	3.776	" P
	"		inc	5	3.458	" "
	1.7		dec	5	3.478	" S
	1.7		inc	5	3.442	" "
	6.0	β Delphini (b)		5	2.258	" P
	6.1	" " (a)		5	3.094	" "
	6.4	ε Pegasi		5	1.450	" "
	6.6	γ Aquarii		5	2.008	" "
	6.8	* 56 Schaum 231.		5	.422	" S
	22.4	Cast. antiθ *	dec	5	3.592	P
	"	" "	inc	5	3.964	"
	23.4	" "	dec	5	3.710	"
	"	" "	inc	5	3.448	"
	23.5	" "	dec	5	4.224	S
1346	"	" "	inc	5	4.196	"
				~~7955~~ 7937		

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Jun. 1878.

			7937				
1344	16h	6.7	β Aquarii	5	2.478	I	9
		6.7	" "	5	2.806	"	8
		5.9	γ "	5	2.486	"	9
		6.0	" "	5	2.054	"	8
		6.2	Sapertus (?)	5	0.542	"	"
		6.4	"	5	0.730	"	9
		6.5	ζ Pegasi	5	1.974	"	"
		6.7	" "	5	1.446	"	8
		6.9	ξ "	5	3.094	"	9
		6.9	" "	5	2.168	"	"
		8.0	α Andromedae	4	1.40	217.15	lt "
		8.1	" "	4	1.35	127.15	" "
		8.4	o Ceti	4	5.85	217.90	" "
		8.5	" "	4	5.12	125.97	" "
		8.7	ν "	4	6.57	126.52	" "
		8.8	" "	4	6.97	216.07	" "
		9.1	λ Arietis	4	16.96	215.80	" "
		9.2	" "	4	17.40	127.00	" "
		9.2	" "	4	16.72	127.57	" 8
		9.3	" "	4	15.62	216.82	" "
		9.4	φ Piscium	4	5.77	126.72	" 9
		9.6	π Andromedae	4	8.40	127.05	" "
		9.6	" "	4	8.07	127.22	" 8
		9.7	" "	4	7.87	216.82	" 9
		9.7	" "	4	8.15	217.10	" 8
				8065	8047		
	18h	6.3	γ Aquarii	5	2.724	I	9
		6.4	" "	5	2.354	"	8
1374		6.6	α Piscium	4	34.97	215.42	lt 9
				8079			

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Jun. 1878				8061			
13.75 18th	6.7	ο	Piscium	4	36.10	217.60	ht S
	6.8	"	"	4	33.80	127.15	" 9
	6.9	"	"	4	35.30	128.05	" "
	7.6	ο	Ceti	4	5.47	216.67	" "
	7.7	"	"	4	6.12	126.42	" "
	7.8	γ	"	4	17.72	126.17	" "
	7.9	"	"	4	18.00	125.00	" "
	8.1	"	"	4	18.80 / 19.20	215.60 / 123.60	" "
	"	"	"	4	20.70	214.10	" S.
	8.4	γ'	Piscium	4	42.07	214.02	" "
	8.5	"	"	4	44.42 / 45.47	216.37	" "
	8.7	"	"	4	40.72 / 40.22	215.97	" P
	8.7	"	"	4	42.27	214.67	" "
	9.0	γ	Ceti	4	19.97	214.27	" h
	"	"	"	4	20.62	123.57	" "
	9.3	"	"	4	18.37	124.67	" P
	"	"	"	4	21.97	214.67	" "
	9.5	λ	Arietis	4	17.65	126.10	" "
	9.5	"	"	4	17.82	216.82	" "
	9.6	ι	Trianguli	4	23.65	214.25	" "
	9.7	"	"	4	27.25	126.65	" "
				8147 8149			
19th	5.3	(Constant in Clouds)		5	1.970		I "
	"	"	" "	5	1.908		" "
	5.7	"	" "	5	1.996		" S
	"	"	" "	5	1.868		" "
	5.8	ω	Fornacis	4	16.05	125.95	ht P
	5.9	"	"	4	16.37	125.37	" S
	5.9	"	"	4	15.52	216.57	" "
1404	6.0	"	"	4	15.55	215.50	" 9
				8203 8185			

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Sum. 1878				8185			
1915 19th	64	ξ Pegasi (a)	5	2.806		I	P
	6.5	" " (b)	5	2.066		"	"
	6.5	" " (b)	5	1.996		"	S
	6.6	" " (a)	5	2.482		"	"
	6.9	ζ "	5	1.250		"	"
	7.0	" "	5	1.866		"	P
	7.7	f Eridani	4	33.37	214.32	H	"
	7.8	" "	4	39.80	215.05	"	"
	8.1	" "	4	37.70	214.70	"	S
	8.2	" "	4	36.72	215.72	"	"
	8.4	V Leti	4	18.60	124.45	"	P
	8.4	" "	4	16.85	214.95	"	"
	8.5	" "	4	17.42	124.87	"	S
	8.8	" "	4	43.05	215.76	"	P
	8.8	" "	4	44.55	215.75	"	"
	8.8	" "	4	42.55	216.35	"	"
	8.9	" "	4	44.62	217.22	"	"
	8.9	" "	4	47.80	216.60	"	"
	9.0	" "	4	46.87	217.67	"	S
	9.1	" "	4	45.77	214.42	"	"
	9.1	" "	4	43.55	214.80	"	"
	9.2	" "	4	42.20	214.05	"	"
	9.3	V "	4	7.57	125.82	"	P
	9.4	" "	4	7.62	216.12	"	"
	9.5	π Andromedæ	4	7.20	216.25	"	"
	9.5	" "	4	8.00	216.25	"	S
		" "	4	7.92	126.82	"	"
	9.7	" "	4	8.17	126.47	"	P
	9.8	ι Trianguli	4	26.75	126.10	"	S
	9.8	" "	4	28.25	127.20	"	P
		" "	4	26.90	216.60	"	S
1436	9.9	" "	4	30.32	216.37	"	P

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8319

Jan. 1878									
22nd.	6.4	α	Cassiopeiae		4	2.70	126.50	ft	S
	6.5	"	"		4	2.25	216.85	"	"
24th	6.2	α	Piscium		4	33.52	215.22	"	P
	6.2	"	"		4	33.27	217.52	"	S
	6.3	"	"		4	34.80	214.20	"	P
	6.4	"	"		4	31.35	126.85	"	S
	7.2	γ	Cassiopeiae		4	10.12	216.32	"	P
	7.3	"	"		4	10.12	126.27	"	"
	7.4	α	Cassiopeiae		4	2.52	216.92	"	"
	7.4	"	"		4	2.72	126.82	"	"
	7.5	L	"	(a) d.	4	20.90	124.90	"	"
	7.6	"	"	"	4	20.15	216.70	"	"
	8.3	"	"	"	4	21.97	217.02	"	S
	8.5	"	"	"	4	20.92	124.27	"	"
	8.9	"	"	(b)	4	12.55	216.55	"	"
	9.0	"	"	"	4	13.30	125.35	"	"
	9.3	γ	Cassiopeiae		4	10.80	126.15	"	"
	9.4	"	"		4	10.17	216.07	"	"
	9.5	α	"		4	2.82	126.97	"	"
	9.6	"	"		4	3.12	216.87	"	"
	9.9	ν	"		4	8.32	126.22	"	"
	10.0	"	"		4	4.70	126.50	"	"
	10.1	"	"		4	5.20	216.90	"	"
					8429 8411				
25th.	5.9	55	Piscium		4	12.87	216.07	"	P
	5.9	"	"		4	12.65	216.20	"	S
	5.9	"	"		4	13.90	126.00	"	P
	6.0	"	"		4	12.20	126.30	"	"
	6.2	φ	"		4	6.70	125.50	"	S
1465	6.3	"	"		4	6.22	125.77	"	P
					8435				

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8435

Jan. 18-18						
1766 25h	6.3	ζ Piscium	4	5.45	215.75	lA S
	6.4	" "	4	5.85	215.95	" "
	6.8	γ Ceti	4	19.72	124.92	" P
	6.9	" "	4	15.80	126.65	" V
	7.1	" "	4	18.20	215.85	" "
	7.2	" "	4	20.67	216.02	" P
	7.4	" "	4	18.27	124.87	" "
	7.4	" "	4	15.32	214.30	" "
	7.5	" "	4	14.87	127.32	" V
	7."	" "	4	16.94 17.20	217.70	" "
	7.8	V "	4	6.17	125.32	" P
	8.0	" "	4	8.20	215.60	" "
	8.6	Mars R3	5	2.168		I "
	9.	" " "	5	2.520		" S
	9.4	" " "	6	2.113 ~~2.187~~		" P
	9.8	γ Andromedæ	4	15.22	215.37	lA S
	9.8	" "	4	14.20	216.10	" P
	9.9	" "	4	15.25	125.15	" S
	9.9	" "	4	14.75	125.65	" P
			~~8533~~ 8533 8515			
28th	5.3	Zero	5		3660	P
	"	"	5		216.84	"
	5.4	"	13		——	"
	5.5	Reflection	4	1.60	126.65	"
	"	"	4	1.97	216.67	"
	5.6	"	4	1.75	126.65	"
	"	"	4	1.90	216.75	"
	5.7	Zero	4			"
	6.2	η Cassiopeæ	4	10.07	126.12 216.15	"
	6.3	" "	4	10.00	~~203.65~~	"
1501 1445	7.7	δ Andromedæ	5	1.430		I "

~~8580~~ 8571

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1 Jan. 1878			8589			
1492 28	6.0	Satellite of Venus	17	—		P
	6.4	" "	4	—		S
	7.4	23 Orionis	4	18.67	115.77	"
	7.5	" "	4	19.32	114.17	"
	7.6	" "	4	19.75	205.60	"
	7.6	" "	4	21.07	206.92	"
	7.7	δ Orionis	4	12.67	205.57	"
	7.8	" "	4	10.90	115.90	"
	7.8	" "	4	7.20	115.70	P
	7.9	" "	4	7.12	206.02	"
	7.9	" "	4	7.52	205.67	"
	8.0	" "	4	7.95	116.15	"
	8.1	ε Orionis	4	6.62	205.75	P
	8.3	" "	4	6.22	115.77	S
	8.3	" "	4	8.62	204.57	P
	8.4	" "	4	7.17	115.32	S
	8.5	ζ Orionis	4	25.65	115.30	P
	8.6	" "	4	25.80	203.85	S
	8.7	" "	4	27.97	218.02	P
	8.7	" "	4	27.22	22.37	S
	8.9	8 Monocelos	4	23.10	222.40	"
	9.0	" "	4	21.97	221.27	"
	9.1	" "	4	20.72	132.17	S
	9.1	" "	4	20.95	131.85	"
	9.4	11 Monocelos	4	45.67	221.87	S
	9.5	" "	4	42.90	222.90	"
	9.6	" "	4	42.72	221.31	S
1523	9.7	" "	4	46.20	222.90	"
			8714 8696			

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Jan 1878			8714			
			8696			
1524	5.9	ω Tauri	4	14.00	174.35	P
	6.0	" "	4	14.50	174.20	S
	6.0	" "	4	15.62	174.17	P
	6.1	" "	4	16.40	174.15	S
	6.4	ι Ceti	5	3.472		P
	6.7	" "	5	4.996		S
	6.9	" "	5	4.020		U
	7.1	" "	5	2.908		S
	7.6	γ Pegasi a	5	1.930		P
	"	" " b	5	1.292		"
	7.8	" " a	5	2.418		U
	7.9	" " b	5	.942		"
	8.1	δ Ceti	5	1.274		P
	8.8	"	5	1.370		U
	9.0	Castel	4	33.52	187.62	S
	9.4	"	8	29.76	236.84	U
	9.4	d Androm b	5	2.202		P
	9.5	" a	5	3.134		"
	9.6	" a	5	2.090		S
			8789			
			8807			
30th	5.9	ω Tauri	4	16.87	223.37	P
	6.0	" "	4	15.77	133.57	S
	6.5	ε Cygni a	5	1.548		P
	6.5	" " b	5	1.216		"
	6.9	" " a	5	1.848		S
	7.7	~~Cho~~ Zeu.	4	—	—	P
	7.9	ψ Cassiopeae	4	7.25	223.75	"
1550	8.0	" "	4	4.70	223.20	U
			8824			
			8842			

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Wray Star.

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Jan 1878			~~8842~~ 8824			
1551 30h 8.1	ψ Cassiopeae		4	4.55	133.40	U
8.1	" "		4	7.65	132.45	P
8.2	" "		4	9.05	132.65	S
8.3	" "		4	6.42	222.02	S
8.5	Cassiopeae (Lalande)		4	11.25	224.25	P
			8844			
			~~8862~~			
Feb 2nd 6.6	θ Eridani		4	31.40	135.45	"
8.4	θ Orionis	1,2	4	26.37	223.62	S
8.6	" "	1.3	4	26.10	222.35	"
~~8.6~~	Zero (Endymion I.)		5	99.84		
8.6	θ Orionis	1.4	4	16.35	223.55	"
8.7	" "	2.3	4	45.05	198.25	"
8.8	" "	2.4	4	34.67	223.52	"
8.9	" "	3.4	4	27.97	223.62	"
9.0	θ^1 "	(1,2)	4	24.40	224.90	P
9.0	" "	(1,3)	4	24.27	223.47	"
9.1	" "	(1.4)	4	15.65	223.80	"
9.1	" "	(2.3)	4	45.82	223.27	"
9.2	" "	(2.4)	4	32.12	224.17	"
9.2	" "	(3.4)	4	30.25	222.15	"
9.5	σ "	(c)	4	4.70	223.85	"
9.6	" "	(c)	4	5.22	134.57	"
9.6	" "	(b)	4	14.40	223.80	"
9.6	" "	(")	4	13.70	133.65	"
9.7	" "	(a)	4	14.50	133.05	"
9.7	" "	(")	4	16.35	222.05	"
9.7	" "	(a)	4	16.20	222.15	S
9.8	" "	(")	4	14.07	132.47	"
1578 9.9	" "	(b)	4	14.87	133.17	"
			8945			

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Feb. 1878

15[illegible]9	2nd	10.0	σ Orionis (b)	8937 4	18.55	223.40	lt	S P
		10.0	" " (c)	4	4.75	223.85	"	"
		10.1	" " (a)	4 8967 8949	4.35	134.10	"	"
	3rd	6.7	θ Eridani	4	30.00	169.80		P
		6.7	" "	4	32.47	170.77	"	S
		6.8	" "	4	33.57	168.62	"	P
		6.8	" "	4	29.62	170.72		S
		6.9	f "	4	38.97	168.27		P
		6.9	" "	4	35.12	168.62		S
		6.9	" "	4	38.87	168.57		P
		7.0	" "	4	35.40	169.30		S
		7.7	39 "	4	8.67	169.72		P
		7.8	" "	4	10.77	169.82		"
		8.0	$0^2 40$ " (c)	5	2.658		I	P
		8.1	[illegible] " (b)	5	4.130		"	"
		8.2	" " (c)	5	2.552			S
		8.3	" " (b)	5	3.784			"
		8.6	γ Ceti	4	21.72	168.97	lt	P
		"	" "	4	17.70	167.45	"	"
		8.7	" "	4	18.72	166.57	"	"
		"	" "	4	19.02	167.82		"
	8d	8.8	" "	4	16.90	166.90		S
		"	" "	4	16.40	167.40		"
		9.0	" "	4	16.92	167.82		"
		"	" "	4	18.12	167.07		"
		9.3	α Tauri	5	0.654		I	P
		"	"	5	0.470			"
1606		9.7	Regulus + Titania	5 8972 8952	0.470			"

9056

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9056

1607	3rd 9.8	Uranus & Titania	6	3.030		I	P
	9.9	Regulus & Oberon	6	0.554			"
	10.0	Uranus " "	6	3.464			"
				9071			
				9087			
	4th 5.8	O Eridani	4	29.52	166.82	H	"
	5.9	" "	4	34.40	169.06		S
	5.9	" "	4	31.80	165.00		P
	6.0	" "	4	28.97	169.07		S
	6.1	f "	4	37.97	169.42		P
	6.1	" "	4	38.57	167.97		S
	6.2	" "	4	34.76	166.66		P
	6.3	" "	4	36.47	167.87		S
	6.6	Saturn & ring	6	6.864		I	"
	6.9	" " "	6	6.464			U
	7.3	μ Cygni	6	3.350			P
	7.3	" "	4	3.518			U
	7.8	O Ceti	6	1.132			P
	7.9	" "	6	1.200			U
	8.7	δ Andromedae	6	2.464			P
	8.8	" "	6	2.100			S
	8.9	" "	6	2.384			U
	9.2	Oberon & Regulus	6	0.538			P
	9.2	" " Uranus	6	3.326			"
	9.5	" " Regulus	6	0.434			U?
	9.6	" " Uranus	6	2.374			"
	9.9	" " Regulus	6	0.442			S
1632	10.2	" " Uranus	6	2.447			P
				9184			
				9178			

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Saturn reduced by cylindrical lens.

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				9178				
1633	5th	6.9	δ Andromedæ	4	30.75	138.35	lt	P
		6.0	" "	4	30.50	228.10		"
		6.7	ι Ceti	5	2.286		I	"
		6.8	" "	5	2.866			S
		7.0	" "	5	2.960			V
		7.3	θ "	5	1.346			P
		7.4	" "	5	1.500			V
		7.5	γ Pegasi (b)	5	1.448			P
		7.5	" " (a)	5	2.022			"
		7.6	" " (b)	5	0.834			V
		7.7	" " (a)	5	1.240			"
		7.9	ν Ceti	4	2.15	138.10	lt	"
		7.9	"	4	6.30	221.70		"
		8.9	~~Cygni Majus (4th of it and 5th of it)~~ (c)	5	0.540		I	P
		8.9	" (~~and 5th of it~~) (b)	5	0.288			"
		9.0	" " (")	5	0.260			S
		9.1	" (c)	5	0.450			"
				9265 9259				
		9.4	" (and comp. n. f.)	10	0.71	114.99	lt	P
		9.7	" "	2	0.20	228.10	"	"
				9277 9271				
	6th	6.4	β Orionis (Whitehall comp.)	5	0.630		I	"
1.S		6.4	" " "	2	0.420		"	"
		7.0	# γ Cassiopeiæ (P.10° D.3')	5	0.764		"	S
		7.0	" " (P.355° D.4')	5	0.760			"
		7.1	" " (P.340° D.40')	5	0.982			"
		7.2	" " (last comp.)	5	0.872			V
1.58		7.3	" "	5	0.898			P
				9308				

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Feb. 1878 9303

6th	7.3	γ Cephei (b)	b	1.712		I	P
	7.4	" " (a)	b	1.600			U
	7.9	ν Cassiopeiae	4	9.77	228.92	H	P
	8.0	" "	4	5.85	227.55		U
	8.1	" "	4	10.32	140.02		P
	8.2	" "	4	8.32	139.47		U
	8.3	" "	4	10.25	139.45		S
	8.4	" "	4	11.65	228.80		"
	8.5	α "	4	3.02	227.21		"
	8.6	" "	4	2.50	137.40		"
	8.7	" "	4	2.82	137.07		U
	8.8	" "	4	2.65	226.80		"
			9357				
7th	6.7	Constant, Phot I (dry sky)	b	1.880		I	P
		" " "	b	1.918			"
	6.6	ι Ceti	b	2.300			~~U~~
	6.6	" "	b	1.812			S
	6.8	" "	b	2.046			U
	7.3	γ Cephei (b)	b	2.076			P
	7.3	" " (a)	b	1.258			"
	7.4	" " (a)	b	1.086			U
	7.5	" " (b)	b	2.296			"
	7.8	γ Cephei (b)	b	1.320			P
	7.8	" " (a)	b	1.586			U
	8.2	γ Cassiopeiae	b	1.344			S
	8.4	" "	b	1.238			H
	8.4	" "	b	1.336			P
	8.9	α Tauri (and distant comp.)	b	1.060			"
			9434				

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Rejected 2.41 Measured 1.537

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Feb. 1878

				9428				
1686	9th 8.9	α Tauri (distant comp.)		5	1.150		I	S
	9.0	" " "		5	1.098			U
	9.6	Regulus & Silvinia		5	0.636			P
	9.6	Uranus " "		5	3.800			"
	9.7	" " "		5	3.304			U
	9.8	Regulus " "		5	0.516			"
	10.0	" " "		5	0.534			S
	10.1	Uranus " "		5	3.002			"
	10.8	β Aurigae	Eva 164	5	0.504			U
		" "		5	0.616			P
	11.0	" "		5	0.598			U
		" "		5	0.640			P
				9494				
				9488				
11th	6.2	32 Eridani		4	26.60	137.00	St	"
	6.2	" "		4	26.12	136.17		S
	6.3	" "		4	26.85	227.40		P
	6.3	" "		4	27.57	227.92		S
	6.5	Σ 655 Leporis		4	7.00	226.00		P
	6.6	" " "		4	6.75	226.70		S
	6.6	" " "		4	7.05	136.35		P
	6.7	" " "		4	6.77	136.87		S
	6.8	" " "		4	5.92	136.82		U
	6.9	" " "		4	6.75	226.05		"
	7.2	40 Eridani		4	4.85	135.05		P
	7.3	" "		4	4.60	134.50		U
	7.3	" "		4	4.52	224.37		P
	7.4	" "		4	5.42	224.57		U
1712	7.6	655 Leporis		4	5.77	135.37		P
				9544				
				9548				

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9548

17B/11h	7.6	Σ 655	Leporis	4	5.30	135.30	H	U
	7.7	"	"	"	4	6.50	226.60	"	"
	7.8	"	"	"	4	6.35	225.75		P
	7.9	β	Orionis	4	3.40	136.25		U
	8.0	"	"	4	3.60	226.35		P
	8.1	"	"	4	4.02	225.92		P
	8.2	"	"	4	4.02	136.44		"
	8.6	ρ	"	4	9.27	136.12		L
	8.6	"	"	4	8.72	226.77		"
	8.7	"	"	4	9.00	225.60		U
	8.8	"	"	4	9.17	135.57		"
	8.9	23	"	4	24.02	134.72		"
	9.0	"	"	4	25.92	223.72		"
	9.1	"	"	4	21.47	224.32		L
	9.1	"	"	4	19.55	134.95		"
	9.2	δ	"	4	6.72	134.72		P
	9.2	"	"	4	7.22	134.82		L
	9.3	"	"	4	6.87	224.52		P
	9.3	"	"	4	6.92	224.77		L
	9.4	Θ^2	"	4	28.02	225.62		P
	9.4	"	"	4	26.02	224.32		L
	9.5	"	"	4	27.17	135.37		P
	9.5	"	"	4	25.52	134.57		L
	9.6	ι	"	4	33.85	224.25		P
	9.6	"	"	4	30.92	222.72		L
	9.7	"	"	4	31.95	133.30		P
	9.7	"	"	4	31.80	133.40		L
	9.8	"	"	4	32.70	133.40		U
1741		"	"	4	32.15	221.25		"

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Feb. 18~78

13th	9.5	ρ	Orionis		4	9.12	140.02	St S
	"	"			4	9.80	255.35	"
	9.6	"	"		4	10.00	229.10	"
	9.7	"	"		4	10.37	139.47	"
	9.8	λ	"		4	22.12	139.67	S
	9.9	"	"		4	19.65	229.10	"
	10.0	"	"		4	22.90	244.85	"
	10.0	"	"		4	22.62	155.47	"
14th	5.9	ρ	Orionis		4	8.72	153.77	P
	5.9	"	"		4	8.92	154.37	S
	6.0	"	"		4	9.92	244.27	P
	6.1	"	"		4	9.25	245.15	S
	6.2	23	"		4	21.72	242.87	P
	6.3	"	"		4	20.15	243.35	S
	6.3	"	"		4	18.75	152.05	P
	6.4	"	"		4	21.05	152.15	S P
	6.5	θ	"	(a,b)	4	26.70	150.20	P
	6.5	"	"	(a,c)	4	25.72	150.27	"
	6.6	"	"	(a,d)	4	17.10	151.15	"
	6.6	"	"	(b,c)	4	44.05	150.20	"
	6.6	"	"	(b,d)	4	32.05	151.40	"
	6.7	"	"	(c,d)	4	30.72	149.42	"
	6.7	"	"	(a,b)	4	26.77	152.37	S
	6.8	"	"	(a,c)	4	28.52	241.32	"
	6.8	"	"	(a,d)	4	17.07	242.82	"
	6.9	"	"	(b,c)	4	38.42	150.72	"
1769	7.0	"	"	(b,d)	4	33.97	241.67	"

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Feb. 18-19

1768	14hr 7.0	θ Orionis	(c, d)	4	29.10	152.55	H	S
	7.3	β	"	4	2.90	240.60		P
	7.3	"	"	4	3.05	241.15		U
	7.4	"	"	4	3.05	151.50		"
	7.5	"	"	4	2.80	151.45		P
	7.6	θ	" (a, b)	4	31.22	150.27		U
	7.7	"	" (a, c)	4	27.70	152.35		"
	7.8	"	" (a, d)	4	19.40	150.90		"
	7.9	"	" (b, c)	4	42.50	150.50		"
	8.0	"	" (b, d)	4	33.57	150.02		"
	8.0	"	" (c, d)	4	34.62	150.42		"
	8.5	θ^2	"	4	26.65	241.60		"
	8.6	"	"	4	26.20	150.80		"
	8.7	θ	" (a)	4	18.57	147.92		"
	8.8	"	" (")	4	17.87	238.17		"
	8.9	"	" (b)	4	14.07	240.92		"
	8.9	"	" (")	4	13.72	151.32		"
	9.0	"	" (c)	4	4.07	240.42		"
	9.0	"	" (")	4	6.02	152.77		"
	9.2	"	" (")	4	4.30	151.40		S
	9.3	"	" (")	4	5.52	241.87		"
	9.4	"	" (b)	4	16.30	151.30		"
	9.4	"	" (")	4	14.42	241.32		"
	9.5	"	" (a)	4	16.47	239.82		"
	9.5	"	" (a)	4	16.87	148.97		"
	10.0	54	Lewis	4	21.42	148.52		"
	10.0	"	"	4	21.70	243.70		"
	10.1	"	"	4	21.92	242.92		U
1799	10.2	"	"	4	23.62	155.72		"

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Feb. 18/78

					1878				
1798	15h	6.2	θ	Orionis	(ab)	4	27.32	154.32	ll	p
		6.2	"	"	(ac)	4	24.30	242.15		"
		6.3	"	"	(ad)	4	16.00	242.40		"
		6.3	"	"	(bc)	4	43.00	151.90		"
		6.4	"	"	(bd)	4	33.67	152.07		"
		6.5	"	"	(cd)	4	28.52	152.97		"
		6.6	λ	"		4	21.42	152.62		"
		6.7	"	"		4	23.12	244.22		"
		6.9	"	"		4	25.52	243.72		u
		7.0	"	"		4	26.50	153.85		"
		7.4	δ	"		4	7.35	151.85		"
		7.5	"	"		4	9.17	242.27		"
		7.7	ζ	"		4	21.80	157.15		"
		7.8	"	"		4	20.30	246.10		"
		8.1	α	Geminorum		4	33.35	152.85		"
		8.2	"	"		4	31.77	154.27		"
		8.6	ζ	Cancri	(a+b, &c)	4	33.15	157.90		"
		8.6	"	"	(" " ")	4	33.47	156.17		"
		8.7	"	"		4	33.95	158.10		l
		8.8	"	"		4	31.77	153.17		"
		8.8	"	"		4	32.55	154.25		p
		8.9	"	"		4	34.52	153.92		"
		9.3	ζ	Orionis		4	22.22	154.77		"
		9.4	"	"		4	18.55	156.95		l p
		9.5	"	"		4	22.75	243.75		
		9.6	"	"		4	22.60	246.25		l p
		9.7	l	"		4	7.42	249.22		
1825		9.7	"	"		4	7.37	248.72		u

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				9990				
1826	15th	9.8	l	Orionis	4	6.85	159.40	"
		9.9	"	"	4	6.87	159.47	"
		10.0	σ	" (b)	4	14.97	155.22	"
		10.1	"	" (")	4	15.45	246.40	"
		10.1	"	" (a)	4	15.35	244.90	"
		10.2	"	" (")	4	16.27	155.02	"
					10014			
	16th	6.1	λ	"	4	21.42	157.52	"
		6.2	"	"	4	22.32	158.92	"
		6.3	32	Eridani	4	27.60	158.20	"
		6.4	"	"	4	29.42	158.62	"
			"	"	4	29.92	158.12	"
		6.6	"	"	4	30.65	156.40	"
		6.9	α	Geminorum	4	38.25	156.45	"
		7.0	"	"	4	40.02	156.27	"
		7.1	"	"	4	37.32	154.37	"
		7.1	"	"	4	36.47	154.47	"
		7.2	"	"	4	31.25	154.15	"
		7.2	"	"	4	33.47	156.92	"
		7.4	8	Monocerotis	4	20.80	246.45	"
		7.4	"	"	4	18.62	154.92	"
		7.5	"	"	4	18.90	155.20	"
		7.6	"	"	4	20.57	244.67	"
		7.7	ζ	Orionis	4	19.42	160.07	"
		7.8	"	"	4	21.82	248.52	"
		7.8	"	"	4	18.97	248.97	"
1851		7.9	"	"	4	18.05	158.45	"
					10094			
					10104			

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corrected declination
57.6 evidently 47.6

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1852	18ʰ 5.9	α	Geminorum	(a,b)	10104 4	31.85	155.55	M P
	5.9	"	"	(" ")	4	32.50	157.30	"
	6.3	"	"	(a,c)	4	2.15	243.30	"
	6.4	"	"	(" ")	4	2.92	242.32	L
	6.6	"	"	(" ")	4	1.92	151.67	P
	6.7	"	"	(" ")	4	2.57	152.07	L
	6.9	"	"	(" ")	4	2.55	152.05	M
	6.9	"	"	(" ")	4	2.20	241.95	"
	7.2	π	"		4	4.80	242.30	L
	7.3	"	"		4	4.82	153.17	"
	7.4	"	"		4	5.05	153.35	M
	7.5	"	"		4	5.32	243.12	"
	7.6	"	"		4	4.75	242.60	P
	7.8	"	"		4	4.92	153.02	"
	8.0	δ	"		4	6.82	154.32	"
	8.0	"	"		4	6.15	244.25	"
	8.0	"	"		4	7.35	243.50	M
	8.2	"	"		4	7.27	154.92	"
	8.5	ν	Andromedæ		4	14.97	153.67	P
	8.6	"	"		4	14.80	155.05	L
	8.6	"	"		4	16.65	243.60	P
	8.7	"	"		4	16.50	243.10	L
	8.8	η	Persei		4	6.30	150.00	P
	8.8	"	"		4	6.72	239.97	"
	8.8	"	"		4	7.60	241.00	M
	8.9	"	"		4	7.62	150.17	"
	8.9	"	"		4	6.85	149.90	L
1879	9.0	"	"		4	5.20	239.70	"

10206
10216

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1880	18h	9.1	ε Persei	10216 4	6.22	241.67	H S
		9.2	" "	4	6.02	151.32	"
		9.3	" "	4	6.64	151.92	"
		9.3	" "	4	7.35	141.65	"
		9.5	η Tauri	4	11.25	150.15	"
		9.6	" "	4	13.85	148.92	"
		9.6	" "	4	12.80	239.35	"
		9.7	" "	4	10.75	140.15	"
		9.7	" "	4	16.72	239.92	"
		9.8	" "	4	14.25	148.35	"
				10246			
				10256			
	19h	6.2	~~Sirius~~ α Con. Majoris	6	.42 ~~0.83~~	58.02	H H P
		6.3	"	6	.82 ~~1.63~~	331.32 ~~56.22~~	"
		6.4	"	6	.55 ~~1.10~~	331.52 ~~[illegible]~~	"
		6.7	"	6	.47 ~~0.93~~	151.60	"
		7.2	"	6	.62 ~~0.93~~	60.68	"
		7.5	0² Eridani	4	5.70	149.25	H "
		7.6	" "	4	6.67	239.87	"
		7.7	" "	4	6.02	239.22	"
		7.7	" "	4	4.62	149.52	"
		7.8	39 "	4	10.40	149.40	"
		7.8	" "	4	9.52	240.32	"
		7.9	" "	4	10.32	239.37	"
		7.9	" "	4	10.00	149.95	"
		8.7	π Apietis	4	15.50	149.65	"
		8.8	" "	4	14.27	241.37	"
		8.8	" "	4	15.87	245.02	"
1906		8.9	" "	4	14.72	245.12	"
				10334			

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Erroneous reading
See R 43, P. 24

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1907	19th	9.0	π	Arietis		4	15.40	156.80	bt	L
		9.1	"	"		4	13.60	155.10		U
		9.3	ζ	Persei		4	3.12	141.44		P
		9.4	"	"		4	3.40	152.35		"
		9.4	"	"		4	3.35	151.80		L
		9.5	"	"		4	3.22	243.97		"
		9.6	"	"		4	2.95	244.05		U
		9.7	"	"		4	3.20	156.75		"
		9.8	o	"		4	5.60	155.75		P
		9.9	"	"		4	6.40	244.80		"
		9.9	"	"		4	6.40	245.45		L
		10.0	"	"		4	6.47	155.57		"
		10.0	"	"		4	6.60	155.75		U
		10.1	"	"		4	6.80	245.75		"
						10390				
	24th	6.5	α	Canis Majoris		5	0.744		L	P
		6.5	"	"	"	5	0.570			L
		6.8	β	Orionis		5	0.668			P
		6.9	"	"		5	0.762			L
		7.5	σ	"	(d)	4	4.82	242.22	bt	P
		7.6	"	"	(")	4	5.42	152.42		"
		7.8	τ	"	(foll. comp)	5	4.106		L	"
			"	"	(prec. ")	5	2.648			"
		8.2	β	Eridani		5	1.456			"
		8.2	"	"		5	1.198			L
		8.4	40	o^2	" (Burnham's comp.)	5	2.554			P
		8.5	"	"	" (" ")	5	2.012			L
1933		8.6	γ	Orionis		5	0.694			P
						10453				

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				10453			
1934 24th	8.9	γ	Orionis	5	0.516	J	L
	8.9	o²	"	5	2.316		P
	8.9	"	"	5	2.922		L
	9.4	α	Tauri (Wright comp.)	5	1.240		"
	9.5	"	" (" ")	5	1.314		P
	9.9	γ	Cassiopeiae	5	0.892		L
	10.0	"	"	5	1.032		P
				10488			
26th	6.5	β	Eridani	6	1.595		"
	6.6	"	"	5	0.988		L
	6.8	"	"	5	1.522		U
	7.0	β	Orionis (d)	5	0.326		L
	7.1	"	" (d)	5	0.388		U
	7.2	"	" (c) ~~(Winlock's comp.)~~	5	0.670		P
	7.3	"	" (c) (" ")	5	0502		U
	7.5	ι	" (d) ~~(Holt's comp.)~~	5	3.734		P
	7.9	"	" (cd) ~~(Peirce ")~~	5	2.572		"
	8.0	"	" (" ")	5	2.114		U
	8.7	o²	"	5	2.132		P
	8.8	"	"	5	1.882		L
	9.0	γ	"	5	0.468		"
	9.1	"	"	5	0.602		U
	9.2	"	"	5	0.540		P
	9.2	α	Canis Minoris	6	0.352		"
	9.4	"	" "	5	0.684		U
	9.5	"	" "	5	0.796		L
	9.9	β	" " (&c)	5	0.546		"
1960	10.0	"	" " (" ")	5	0.608		P
				10590			

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rejecting 2.7 mean of 5 = 1.480

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				10590	+0			
1961	26th	10.1	β	Canis Minoris	(a,b)5	1.244		& P
		10.1	"	" "	(a,c)5	0.676		"
		10.2	"	" "	(a,d)5	0.586		"
		10.3	"	" "	(a,b)5	1.408		"
					10610			
	27th	6.4	α	Canis Majoris	6	0.67	63.93	H P
		6.6	"	" "	6	0.43	65.03	"
		6.7	"	" "	6	0.53	65.03	"
		6.8	"	" "	6	0.82	332.88	"
		6.9	"	" "	6	0.60	332.60	"
		7.4	η	Cephei (b)	5	2.016		& P
		7.4	"	" (c)	5	1.312		"
		7.5	"	" "	5	1.000		"
		7.6	"	" (b)	5	2.070		"
		7.8	γ	"	5	1.486		"
		7.9	"	"	5	1.292		"
		8.1	γ	Cassiopeiae	5	0.986		"
		8.2	"	"	5	0.804		"
		8.4	"	"	5	0.784		"
		9.0	θ	Persei	4	4.80	246.15	H P
		9.0	"	"	4	4.40	156.40	"
		9.0	"	"	4	4.12	156.32	"
		9.1	"	"	4	3.72	246.94	"
		9.1	"	"	4	3.24	246.72	"
		9.2	"	"	4	3.55	156.25	"
		9.5	α	Leonis ( )	5	1.586		& S.?
					10714			
	28th	7.1	α	Ursae Minoris	5	1.272		"
1987		7.4	"	"	5	1.68		"

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March 1878

1988	1st 7.9	o^2	Eridani	(d)	5	2.548		℘
	8.0	"	"	(c)	5	3.390		"
	8.0	"	"	(d)	5	2.302		"
	8.2	"	"	(c)	5	3.198		"
	8.5	τ	Orionis	(d)	5	1.798		"
	8.6	"	"	(b)	5	4.066		"
	~~8.8~~ 8.8	"	"	(b)	5	3.942		"
	8.9	"	"	(d)	5	2.720		"
	9.5	Titania	γ	~~Regulus~~ α Leonis	5	0.432		"
	9.7	"	"	"	5	0.400		"
	9.7	"	"	"	5	0.510		℘
	9.9	"	"	Uranus	5	2.966		"
	10.0	"	"	"	5	1.996		"
	10.2	"	"	"	5	2.664		"
						10.994		
4th	6.9	γ	Cassiopeiae		4	5.12	155.72	℘
	6.9	"	"		4	9.10	246.55	"
	7.1	"	"		4	6.30	246.35	"
	7.1	"	"		4	7.80	154.85	"
	7.3	39	Eridani		4	12.24	155.34	℘
	7.3	"	"		4	11.35	245.55	"
	7.4	"	"		4	9.32	246.14	"
	7.5	"	"		4	9.10	155.95	"
	7.7	11	Monocerotis	(a)	4	39.92	157.52	℘
	7.8	"	"	"	4	37.84	157.84	"
	7.6	"	"	(a)	4	37.32	156.37	"
	7.9	"	"	"	4	40.10	155.30	"
2014	8.1	8	"		4	20.47	243.12	℘
						10.846		

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March 1848

				10846				
2015	4th	8.1	ζ Monocerotis	4	19.14	154.24	H	Pp
		8.2	" "	4	20.22	152.92		U
		8.3	" "	4	19.52	243.24		"
				10858				
	5th	6.1	α Canis Majoris	5	0.75		S	Pp
		6.5	π Arietis	4	15.30	245.65	H	"
		6.6	" "	4	15.10	156.35		"
		6.9	ε Cassiopeiae (b)	4	14.80	246.40		U
		7.0	" " "	4	14.54	156.92		"
		7.1	" " (c)	4	9.45	154.80		"
		7.2	" " "	4	10.54	244.62		"
		7.2	" " "	4	10.94	244.52		Pp
		7.3	" " "	4	12.25	154.40		"
		7.3	" " (b)	4	14.94	245.54		"
		7.4	" " "	4	21.05	154.55		"
		8.0 7.9	Titania + Uranus	5	3.342		S	"
		8.0	" " ~~Regulus~~ α Leonis	5	0.638			"
		8.1	" " " "	6	0.455			U
		8.5	" " Uranus	5	2.648			"
		8.7	β Eridani	5	1.428			Pp
		8.8	" "	5	1.830			U
		8.9	τ Orionis (b)	5	2.996			Pp
		8.9	" " (N)	5	4.526			U
		9.3	" " (d)	5	2.322			Pp
		9.3	" " (d)	5	2.824			U
		9.6	11 Monocerotis (bc)	4	39.02	152.32	H	Pp
		9.4	" " "	4	41.32	154.44		"
2041		9.4	" " "	4	35.40	155.90		U
				10966				

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					10966			
2042	5th	9.8	11	Monocerotis (bc)	4	38.53	155.15	"
		9.9	"	" (ab)	4	37.42	155.24	"
		9.9	"	" "	4	37.05	154.55	"
		10.0	"	" "	4	38.44	153.44	"
		10.0	"	" "	4	39.45	154.10	"
					10986			
	6th	6.9	α	Lepris Majoris	5	0.642		"
		7.3	K	Leporis	4	16.95	247.15	"
		7.4	"	"	4	17.17	158.12	"
		7.7	μ	Lepris Majoris	4	18.42	156.42	"
		7.8	"	" "	4	18.92	244.22	"
					11007			
	8th	6.5	α	Orionis	5	1.048		"
		6.8	Σ	655 Leporis	4	5.37	156.94	"
		6.8	"	" "	4	6.17	246.32	"
		6.9	"	" "	4	5.20	246.20	"
		7.0	"	" "	4	5.55	156.60	"
		7.1	K	Leporis	4	14.44	159.22	"
		7.2	"	"	4	13.42	247.34	"
		7.3	γ	Orionis	5	0.604		"
		7.3	"	"	5	0.512		"
		7.5	O^2	"	5	2.652		"
		7.6	"	"	5	2.852		"
		7.9	η	Cephei (c)	5	1.828		"
		8.0	"	" (b)	5	1.800		"
		8.1	"	" (b)	5	1.664		"
		8.3	"	" (c)	5	1.884		"
2067		8.4	44	Camelopardalis	4	6.04	250.52	"
					11080			

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March 1878

			11080				
2068 8h 8m	4 Camelopardalis	4	7.22	158.84	H	P
8.4	η Persei	4	5.92	247.04		"
8.4	" "	4	6.15	156.85		"
8.8	θ "	4	4.85	157.90		"
8.9	" "	4	5.25	247.35		"
9.0	ε "	4	5.24	247.42		"
9.0	" "	4	5.14	157.82		"
9.3	Oberon & Uranus	5	2.644		g	"
9.4	" " α Leonis	5	0.386			"
9.6	" " Uranus	5	2.576			U
9.6	" " α Leonis	5	0.418			"
9.8	Umbriel (?) α Leonis	6	0.405			"
10.0	" " "	5	0.428			P
			11139				
9h							
9h 6.5	α Canis Majoris	5	0.724			"
7.2	κ Leporis	4	18.70	160.40	H	"
7.3	" "	4	18.12	251.12		"
7.4	o^2 40 Eridani	4	4.85	249.00		"
7.5	" " "	4	4.60	159.65		"
7.6	" " "	5	4.264 ~~2.42~~		g	"
8.0	γ Andromedae	4	13.82	248.02	H	"
8.0	" "	4	15.00	157.30		"
8.1	" " (red glass)	4	12.54	158.54		"
8.1	" " " "	4	12.34	248.62		"
8.2	" " (blue glass)	4	16.90	249.15		"
8.3	" " " "	4	16.42	159.12		"
8.6	κ Puppis	4	43.54	157.32		"
2094 8.4	" "	4	45.84	160.92		"
			11197				

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March 1878

11197

2095	9th	9.0	±	Ursæ	Majoris	5	0.468			p
		9.1	"	"	"	5	2.684			"
		9.8	τ	Leonis		4	16.12	163.14		"
		9.8	"	"		4	16.35	252.35		"
		9.9	83	"		4	28.55	163.65		"
		10.0	"	"		4	31.12	160.52		"
						11223				
	10th	7.4	γ	Leonis		4	31.85	162.10		"
		7.5	"	"		4	31.50	160.90		"
		7.7	ε	Hydræ		4	12.12	162.97		"
		7.7	"	"		4	11.25	252.05		"
		7.9	54	Leonis		4	20.57	160.97		"
		8.0	"	"		4	23.82	162.87		"
		8.1	ξ	Ursæ	Majoris	4	39.80	158.75		"
		8.2	"	"	"	4	38.17	157.52		"
		8.9	ι	Leonis		4	19.07	251.72		"
		8.9	"	"		4	19.90	159.65		"
		9.0	12	Canum	Venat.	4	15.35	161.55		"
		9.1	"	"	"	4	15.57	251.47		"
		9.2	ζ	Ursæ	Majoris	4	24.20	160.65		"
		9.2	"	"	"	4	23.75	159.80		"
		9.5	~~ι~~	~~Bootis~~	?	4	21.30	249.60		"
		9.5	"	"		4	21.55	160.15		"
						11287				
	15th	7.5	δ	Hydrarum		4	9.17	252.67		U
		7.6	"	"		4	8.42	161.72		"
		7.8	λ	"		4	2.82	248.24		"
2120		7.8	"	"		4	2.97	158.42		"
						11303				

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cut off.

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March 1878

11303.

2121	15th 19	ζ Cancri	4	34.25	161.25	M	P
	8.0	" "	4	35.45	162.20		"
	8.0	" "	4	31.65	161.40		U
	8.1	" "	4	31.34	159.04		"
	8.2	ε Hydrae	4	14.45	159.25		P
	8.2*	" "	4.5	17.60	160.80		"
	8.3	" "	4	12.40	252.90		U
	8.4	" "	4	12.10	162.25		"
	8.5	54 Leonis	4	25.94	161.44		P
	8.5	" "	4	24.60	161.80		"
	8.6	" "	4	22.45	161.50		U
	8.6	" "	4	21.54	250.54		"
	8.8	12 Canum Venat.	4	17.40	161.15		P
	8.8	" " "	4	18.54	249.44		"
	8.8	" " "	4	17.90	251.15		U
	8.9	" " "	4	17.42	159.44		"
	9.0	ζ Ursae Majoris	4	25.62	162.12		P
	9.0	" " "	4	27.82	250.92		"
	9.0	" " "	4	26.42	251.04		U
	9.1	" " "	4	24.20	161.45		"
	9.2	τ Leonis	4	14.20	157.60		P
		" "	4	15.15	248.14		"
	9.4	" "	4	17.63	218.83		U
	9.5	" "	4	20.15	160.30		"
	9.6	83 "	4	30.70	160.20		P
	9.6	" "	4	32.14	158.54		"
	9.4	" "	4	34.42	159.04		U
2148	9.4	" "	4	33.62	157.62		"
			11476				

* Up to this point the nos. of obs^ns have in some cases been recorded as 4, when the adopted reading is the mean of two settings. Such numbers should be changed to 4.5 CORRECTED.

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March 1878

				11416.				
2149	16th	7.5	γ	Leporis	4	16.42	245.22	M P
		7.6	"	"	4	20.62	154.32	"
		7.7	η	Tauri	4	11.70	154.10	"
		7.8	"	"	4	11.50	243.45	"
		8.0	ε	Persei	4	5.80	246.30	"
		8.1	"	"	4	5.30	155.80	"
		8.2	"	"	4	5.54	156.22	S
		8.3	"	"	4	4.25	246.00	"
		8.3	η	"	4	6.14	244.34	P
		8.4	"	"	4	5.42	245.14	S
		8.5	"	"	4	6.82	154.32	P
		8.5	"	"	4	6.44	154.04	S
		8.6	26	Aurigae	4	13.35	154.95	P
		8.4	"	"	4	13.60	154.80	S
		8.4	"	"	4	14.02	246.44	P
		8.8	"	"	4	15.02	246.52	S
		8.9	14	"	4	13.45	246.60	"
		9.0	"	"	4	12.40	247.25	P
		9.0	"	"	4	15.50	154.40	S
		9.1	"	"	4	16.30	154.10	P
		9.1	ω	"	4	17.45	246.65	"
		9.2	"	"	4	13.44	247.04	S
		9.2	"	"	4	14.14	154.04	P
		9.2	"	"	4	14.22	154.44	"
		9.4	19	Camelopardalis	4	11.60	154.30	"
		9.4	"	"	4	12.22	154.04	S
		9.5	"	"	4	9.20	247.60	P
2146		9.5	"	"	4	9.84	247.24	S
					11528.			

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March 1878 — 11628

2177 2146	16h 9.6	δ Geminorum		4	1.35	157.10	P
	9.7	"	"	4	6.44	158.34	"
	9.7	"	"	4	6.44	244.24	P
	9.8	"	"	4	7.45	244.60	"
	9.8	λ	"	4	3.40	157.45	P
	9.9	"	"	4	3.54	247.64	"
	9.9	"	"	4	4.14	244.22	"
	10.0	"	"	4	4.15	157.85	"
				11560.			
	10th 7.7	π Arietis		4	3.85	156.85	P
	7.8±	"	"	4	4.50	246.90	"
	7.9	"	"	4	3.50	244.00	"
	7.9	"	"	4	3.90	156.95	"
	8.3	41	"	4	5.35	243.30	P
	8.3	"	"	4	4.55	154.50	"
	8.4	"	" (—)	4	2.50	154.20	"
	8.5	"	"	4	5.90	154.55	"
	8.5	"	"	4	7.24	243.62	"
	8.6	ζ Persei		4	3.30	245.45	P
	8.7	"	"	4	3.02	154.44	"
	8.7	"	"	4	2.44	154.82	"
	8.7	"	"	4	3.22	244.04	"
	8.8	ι Cassiopeiae	(b)	4	22.35	244.45	P
	8.9	"	" "	4	21.34	156.82	"
	8.9	"	" (c)	4	11.45	154.35	"
	8.9	"	" "	4	12.50	243.45	"
	9.2	"	"	4	11.82	243.52	"
2203	9.2	"	"	4	12.10	152.05	"
				11636			

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Ghost-drawn by mistake.

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March 18/8

				11636				
2204	19h 9s	w	Aurigae	4	20.85	245.70	ll	u
	96	"	"	4	18.45	154.65		"
	9.4	"	"	4	17.64	242.84		p
	9.4	"	"	4	15.10	153.85		"
	9.8	14	"	4	12.95	153.50		"
	9.8	"	"	4	13.42	243.92		"
	9.9	"	"	4	16.14	242.82		u
	9.9	"	"	4	15.30	153.25		"
				11668				
	20h 6.4	η	Tauri	4	9.02	153.02	ll	p
	6.4	"	"	4	13.04	243.44		"
	6.8	"	"	4	14.24	243.44		u
	6.8	"	"	4	12.80	153.30		"
	7.1	ζ	Persei	4	2.04	154.22		"
	~~7.2~~ 7.2	"	"	4	3.42	244.04		"
	7.2	"	"	4	3.60	243.90		p
	7.3	"	"	4	3.34	152.44		"
	7.4	o	"	4	6.00	152.90		"
	7.4	"	"	4	6.35	241.95		"
	7.5	"	"	4	6.20	242.85		u
	7.5	"	"	4	6.40	152.95		"
	7.7	11	Arietis	4	5.20	152.30		p
	7.8	"	"	4	4.10	242.10		"
	7.9	"	"	4	3.40	243.10		u
	8.0	"	"	4	3.40	152.85		"
	8.3	30	Tauri	4	7.44	153.42		p
	8.3	"	"	4	9.00	243.05		"
	8.3	"	"	4	8.24	243.02		u
2231	8.4	"	"	4	9.84	153.82		"

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March 18/8 — 11748

2232	20h 8.5	α	Tauri	4	0.75	242.40	ht p
	8.6	"	"	4	0.50	152.65	"
	9.1	8	Persei	4	4.30	243.15	"
	9.1	"	"	4	4.50	153.45	"
	9.2	"	"	4	4.50	153.65	"
	9.2	"	"	4	4.35	243.15	"
	9.3	26	Aurigae	4	14.22	243.22	"
	9.3	"	"	4	13.05	154.00	"
	9.4	"	"	4	13.67	152.42	"
	9.4	"	"	4	14.10	242.80	"
	9.6	λ	Orionis (c)	4	1.92	243.07	"
	9.6	"	"	4	2.07	153.17	"
	9.7	"	"	4	2.02	153.12	"
	9.8	"	"	4	2.25	243.55	"
				11804			
	21st 7.0	41	Arietis	4	4.47	153.22	ht p
	7.1	"	"	4	4.80	243.65	"
	7.1	"	"	4	6.20	243.45	"
	7.2	"	"	4	5.85	153.80	"
	7.3	2	H. Camelopardalis	4	9.17	154.67	"
	7.4	"	"	4	12.52	243.17	"
	7.4	"	"	4	6.92	243.97	"
	7.6	"	"	4	7.90	156.05	"
	7.6	11	Monocerotis (rc)	4	41.17	155.62	"
	7.8	"	"	4	41.82	157.42	"
	7.9	"	"	4	34.02	156.47	"
	8.0	"	"	4	34.00	156.80	"
2258	8.2	"	"	(ul) 4	36.85	155.50	"
				11856			

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March 1878

				11856				
2259	21st	8.2	11 Monocerotis	4	38.92	153.62	H	U
		8.3	" "	4	40.04	154.44		OP
		8.3	" "	4	38.64	152.14		"
		8.5	ε Hydrae	4	13.04	244.42		"
		8.5	" "	4	11.70	154.60		"
		8.6	" "	4	12.05	156.35		U
		8.7	" "	5	11.25	244.00		"
		8.9	ι Leonis	4	15.40	156.30		OP
		9.0	" "	5	14.90	244.00		"
				11894				
	22nd	7.0	30 Tauri	4	7.85	246.45	H	OP
		7.1	" "	4	7.55	156.75		"
		7.1	" "	4	8.00	157.30		U
		7.2	" "	4	9.52	244.34		"
		7.3	α "	4	0.92	246.42		"
		7.3	" "	4	0.65	155.65		"
		7.4	" "	4	0.62	155.52		OP
		7.4	" "	4	0.87	246.24		"
		7.5	λ Orionis	4	2.54	246.40		"
		7.5	" "	4	2.35	156.60		"
		7.6	" "	4	1.95	152.55		U
		7.6	" "	4	1.47	241.84		"
		8.5	Ariel (?) and Uranus	5	2.986		♃	P
		8.6	Oberon " "	5	3.510			"
		8.8	Ariel (?) " "	5	2.642			U
		8.9	Oberon " "	5	3.356			"
		9.1	Titania " "	5	3.394			OP
2285		9.2	" " "	5	2.164			U
				11972				

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March 1878

				11972				
2286	22nd	9.4	Ypsilon Leonis	5	0.436		4	Op
		9.5	" " " "	5	0.462			N
		9.6	1 Leonis	4	16.95	247.10	M	Op
		9.7	" "	4	17.12	158.34		"
		9.7	" "	4	13.90	158.60		N
		9.8	" "	4	12.27	249.42		"
				11998				
	23rd	7.2	41 Arietis	4	4.27	155.22	M	Op
		7.3	" "	4	4.15	245.50		"
		7.9	τ Tauri	4	14.10	244.45		"
		8.0	" "	4	15.97	155.42		"
		8.1	88 "	4	11.37	154.02		"
		8.2	" "	4	13.12	245.02		"
		8.3	14 Aurigae	4	14.20	245.95		"
		8.3	" "	4	14.47	155.77		"
		8.5	26 "	4	16.62	153.37		"
		8.6	" "	4	17.32	245.17		"
		9.1	ω "	4	16.07	245.37		"
		9.2	" "	4	16.27	154.97		"
		9.4	11 Monocerotis (b.c)	4	45.80	157.65		"
				12050				
	25th	8.6	λ Geminorum	4	3.00	156.55	M	N
		8.7	" "	4	3.17	244.62		"
		9.0	1 Cancri	4	15.40	241.45		"
		9.0	" "	4	18.15	153.65		"
		9.5	ν Ursae Majoris	4	5.27	157.92		"
		9.6	" " "	4	6.47	248.82		"
		9.7	24 Comae Berenices	4	24.80	154.65		"
2312		9.8	" "	4	30.45	243.45		"

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March 1878 — 12h 8m + 62

2313	26th	7.5	π	Arietis	4	4.34	242.37	M	Pp
		7.5	"	"	4	3.95	154.30		"
		7.6	"	"	4	3.54	154.02		M
		7.7	"	"	4	2.92	244.07		"
		7.8	o	Persei	4	5.12	153.94		Pp
		7.9	"	"	4	6.80	243.70		"
		7.9	"	"	4	6.14	243.67		M
		8.0	"	"	4	5.54	154.04		"
		8.2	2	M. Camelopard.	4	6.82	157.82		"
		8.3	"	" "	4	7.52	241.94		"
		8.4	"	" "	4	11.32	241.42		Pp
		8.5	"	" "	4	9.60	158.15		"
		8.6	4	" "	4	7.10	155.90		"
		8.6	"	" "	4	6.80	246.25		"
		8.7	"	" "	4	6.65	246.10		M
		8.7	"	" "	4	6.42	156.44		"
		8.9	4	" "	4	3.25	157.30		Pp
		9.0	"	" "	4	3.34	246.62		"
		9.1	"	" "	4	3.02	247.12		"
		9.1	"	" "	4	2.82	158.12		"
					12 16 2				
	30th	8.1	η	Tauri	4	12.20	241.35		"
		8.1	"	"	4	11.25	160.50		"
		8.2	"	"	4	14.15	151.05		A
		8.3	"	"	4	13.32	241.02		"
		8.4	ψ	Cassiopeiae	4	6.62	160.52		Pp
		8.4	α	Tauri	4	1.15	162.00		A
		8.8	"	"	4	0.80	242.25		"
2340		8.8	"	"	4	0.47	242.24		Pp

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March 18/6 — 12194

2341	30th 9.0	λ	Orionis (a,c)	4	1.84	242.94	M	P
	9.0	"	"	4	2.32	152.64		"
	9.1	"	"	4	2.22	153.02		A
	9.3	"	"	4	2.12	242.84		"
	9.9	γ	Leonis	4	24.12	155.42		"
	10.0	"	"	4	31.34	156.44		P
	10.0	"	"	4	34.42	156.44		A
	10.2	"	"	4	30.14	157.85		P
				12226				
	31st 6.9	β	Orionis	4	2.90	157.50		"
	6.9	"	"	4	2.90	244.45		"
	7.0	δ	"	4	6.94	157.37		"
	7.1	"	"	4	7.65	244.10		"
	7.5	γ	Leporis	4	19.05	243.45		"
	7.6	"	"	4	17.84	162.44		"
	7.7	η	Tauri	4	10.95	152.80		"
	7.7	"	"	4	10.62	243.02		"
	7.8	α	"	6		153.10		"
	7.9	"	"	4	0.42	242.62		"
	8.0	41	Arietis	4	4.15	152.85		"
	8.1	"	"	4	4.52	243.04		"
	8.2	"	"	4	3.34	242.62		A
	8.3	"	"	4	2.64	162.44		"
	8.5	γ	Cassiopeiae	4	5.82	243.84		P
	8.5	"	"	4	6.30	244.00		A
	8.6	"	"	4	5.85	154.25		P
	8.6	"	"	4	5.64	154.04		A
2367	9.4	λ	Geminorum	4	4.25	154.30		P
				12304				

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March 1878 — 12304

2346	31st 9.5	λ	Geminorum		4	~~4.25~~	243.96	M p
	9.5	"	"		4	3.85	243.62	A
	9.6	"	"		4	3.84	153.64	"
	9.4	ε	"		4	4.14	153.64	p
	9.4	"	"		4	3.04 / 4.02	153.84	A
	9.8	"	"		4	3.44	244.22	p
	9.8	"	"		4	5.45	243.10	A
					12332			

April 1878

	2nd 4.6	η	Geminorum		4	11.00 / 13.04	153.15	p
	4.6	"	"			6.07	242.34	"
	4.8	γ	Cassiopeiae	(abc)	5/4	5.72	153.04	"
	4.8	"	"	(a, bc)	4	4.50	243.24	"
	4.9	"	"	(a, b)	4	4.62	243.65	M
	5.0	"	"	(a, b)	4	3.64	153.24	"
	5.0	"	"	(a, c)	4	3.80	153.54	"
	8.1	"	"	(a, c)	4		243.95	"
	8.3	"	"	(a + b + c)	4	6.65	243.90	A
	8.4	γ	Aeronis		4	28.30	156.70	"
	8.4	"	"		4	29.44	155.17	"
	8.4	"	"		4	29.94	155.67	M
	8.8	"	"		4	29.95	246.85	"
	9.2	δ	Bootis		6	36.40	154.45	A
	9.3	"	"		4	38.70	156.90	"
					12395			

	~~3rd~~ 8th 7.5 9.6	γ	Ursae Majoris		4	~~4.42~~ / ~~1.96~~	151.64	M
	7.6	"	"	"	4	5.11	242.84	"
2392	7.7	"	"	"	4	4.95	241.65	p
					12407			

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Cont.
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" comp and ghost

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April 1878 — 12404

2393	8th	7	Ursae Majoris	4	4.35	152.45	M	P
	8.8	ε	Bootis	4	15.15	157.85		S
	8.9	"	"	4	16.25	248.80		"
		θ	Virginis	4	9.82	248.32		P
	9.0	"	"	4	9.35	154.60		"
	9.1	"	"	4	9.65	158.30		M
	9.1	"	"	4	9.80	244.25		"
	9.2	"	"	4	10.92	244.34		S
	9.3	"	"	4	9.24	158.42		"
	9.5	δ	Bootis	4	4.45	243.15		"
	9.6	"	"	4	6.94	244.32		P
	9.6	"	"	4	6.44	154.32		"
	9.4	"	"	4	6.64	153.32		M
	9.8	"	"	4	8.45	242.25		"
	9.9	δ	Corvi	4	4.25	153.15		P
	9.9	"	"	4	5.46	243.14		"
	10.0	"	"	4	5.64	243.34		M
	10.1	"	"	4	5.40	153.40		"
				12449				
9th	4.3	δ	Orionis	4	8.02	152.94		P
	4.3	"	"	4	6.92	242.54		"
	4.4	"	"	4	8.44	242.52		M
	4.4	"	"	4	6.44	152.94		"
				12495				
13th	8.6	"	"	4	4.14	242.64		S
	8.6	"	"	4	6.42	152.82		"
	9.1	γ	Cassiopeiae (a,b+c)	4	4.42	244.84		"
2418	9.2	"	"	4	6.94	154.64		"
				12511				

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April 1878 — 12511

2419	14h 8.9	χ	Cassiopeiae (a,b+c)	4	4.44	241.92	St	S
	9.0	"	" "	4	5.14	151.62		"
	9.1	"	" (a,b)	4	4.15	151.50		"
	9.2	"	" "	4	6.14	241.54		"
	9.3	"	" "	4	4.34	241.12		"
	9.4	"	" "	4	5.54	151.04		"
	10.1	4	St. Camelopardalis	4	4.50	242.10		"
	10.2	"	" "	4	6.64	151.44		"
				12543				
	16h 8.5	l	Coneri	4	18.55	151.35		"
	8.5	"	"	4	14.32	240.62		"
	8.6	"	"	4	19.10	240.30		U
	8.4	"	"	4	19.30	149.20		"
	8.8	83	Leonis	4	32.30	149.55		S
	8.9	"	"	4	33.54	151.22		"
	9.0	"	"	4	31.82	148.62		U
	9.0	"	"	4	30.95	239.90		"
				12545				
	14h 9.2	l	"	4	18.30	246.45		S
	9.3	"	"	4	16.54	156.12		"
	9.6	K	Geminorum	4	4.10	240.45		"
	9.4	"	"	4	3.82	150.94		"
				12591				
	18h 7.1	η	Tauri	4	14.02	151.34		U
	7.2	"	"	4	14.02	242.04		"
	7.6	ζ	Orionis	4	1.24	152.32		"
	7.8		"	4	1.44	242.22		"
2445	8.1	δ	"	4	8.24	241.64		"
				12611				

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April 1878 — 12611

2444	18h 8.2	δ	Orionis		4	6.94	152.02	"
	8.8	ε	Geminorum		4	3.84	152.72	"
	8.8	"	"		4	3.82	242.52	"
	8.9	"	"		4	4.50	242.04	"
	8.9	"	"		4	4.92	152.44	"
	9.1	α	"	(a,c)	4	2.94	152.34	"
	9.1	"	"	"	4	2.46	242.46	"
	9.2	"	"	"	4	2.24	242.32	"
	9.3	"	"	"	4	2.34	152.24	"
	9.6	τ	Aurigæ		4	14.85	152.55	"
	9.6	"	"		4	16.40	242.25	"
	9.7	"	"		4	12.70	241.10	"
	9.8	"	"		4	14.44	152.94	"
	10.1	α	"		4	5.14	241.44	"
	10.2	"	"		4	4.62	151.44	"
	10.8	23	h Ursæ	Majoris	4	4.84	151.22	"
	10.8	"	"	"	" 4	5.35	240.40	"
					12679			
19th	7.5	β	Orionis		4	3.12	224.12	"
	7.6	"	"		4	3.00	134.20	"
	7.7	δ	"		4	8.55	136.85	"
	7.8	"	"		4	7.76	224.40	"
	8.4				12695			
21st	7.5	β	"		4	3.22	226.72	P.
	7.6	"	"		4	3.44	134.54	"
	7.9	88	Tauri		4	11.22	225.94	"
	8.0	"	"		4	12.10	136.60	"
2469	8.2	"	"		4	14.25	136.10	"
					12715			

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April 1876 — 12415

2440	21st	8.3	ββ	Tauri	5	8.20	226.95	S
		8.4	τ	"	4	11.80	224.15	P
		8.4	"	"	4	13.30	226.65	S
		8.5	"	"	4	14.04	134.82	P
		8.5	"	"	4	16.10	136.55	S
		8.4	4	Lt. Camelopardalis	4	6.44	137.80	P
		8.4	"	" "	4	4.04	138.47	S
		8.8	"	" "	4	6.50	224.85	"
		8.9	"	" "	4	6.24	226.14	P
		9.0	4	Camelopardalis	4	3.92	224.62	"
		9.0	"	"	4	3.52	138.24	"
		9.1	"	"	4	3.40	137.86	S
		9.2	"	"	4	3.40	226.40	"
		9.4	ε	Geminorum	4	2.92	136.24	P
		9.4	"	"	4	2.92	135.82	S
		9.5	"	"	4	3.34	226.50	P
		9.5	"	"	4	3.56	226.05	S
		9.7	11	"	4	4.10	134.50	P
		9.8	"	"	4	4.54	224.22	"
		9.8	"	"	4	4.42	224.32	S
		9.9	"	"	4	3.86	134.15	"
		10.0	α	"	(a,c) 4	2.02	226.82	P
		10.0	"	"	" 4	2.24	136.44	"
					12808			
	24th	8.1	ι	Cancri	4	14.00	142.60	"
		8.1	"	"	4	15.95	233.05	"
		8.2	"	"	4	16.25	233.55	α
2496		8.3	"	"	4	15.32	144.12	"
					12824			

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May 1878

					12824				
2497	1st	7.9	T	Tauri	4	13.52	229.64	St	S
		7.9	"	"	4	15.42	139.72		
		8.0			2	15.46	141.05		"
		9.4	ξ	Ursæ Majoris	4	24.64	225.12		S
		9.4	"	" "	4	25.45	137.20		"
		9.8	"	" "	4	29.80	139.30		"
		9.9	"	" "	4	27.25	227.65		"
		10.1	23	h " "	4	4.55	224.10		P
		10.2	"	" " "	4	5.04	136.42		"
					12858				
	2nd	7.5	K	Puppis	4	43.30	139.05		"
			"	"	4	43.02	139.14		"
		7.6	"	"	4	41.05	224.25		"
		7.6	"	"	4	43.65	139.15		"
		7.9	T	Tauri	4	13.25	138.05		"
		7.9	"	"	4	15.10	226.35		"
		8.0	11	Monocerotis	4	40.00	142.95		P
		8.1	"	"	4	43.65	140.15		"
		8.2	μ	Canis Majoris	4	23.12	233.14		"
		8.2	"	" "	4	19.92	141.14		"
		8.3	"	" "	4	19.85	141.85		S
		8.6	2	H. Camelopard.	4	7.52	141.82		"
		8.6	"	" "	4	8.45	232.05		"
			"	" "	4	10.64	231.52		P
		8.9	"	" "	4	9.95	144.30		"
		8.9	"	" "	4	7.00	142.15		U
		9.0	"	" "	4	7.64	232.44		"
		9.3	δ	Leonis	4	5.04	139.04		P
2524		9.4	"	"	4	4.64	228.84		"
					12934				

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May 1878

				12934				
2525	2nd	9.4	δ Corvi	4	3.445	229.30 ~~139.04~~ 139.215	M	δ
		9.5	" "	4	5.65	~~228.84~~		"
		9.7	19 M. Camelopardalis	4	9.85	138.185 ~~229.30~~ 227.67		P
		9.8	" " "	4	9.07	~~139.25~~		"
		9.8	" " "	4	9.64	224.44		U
		9.9	" " "	4	10.54	134.34		"
				12958				
	3rd	8.6	" " "	4	10.44	226.94		P
		8.7	" " "	4	9.95	138.40		"
		8.7	" " "	4	10.82	138.57		U
		8.8	" " "	4	11.22	224.44		"
		9.1	32 " "	4	4325	138.00		"
		9.2	" " "	4	34.92	228.52		"
		9.2	" " "	4	35.22	228.32		P
		9.2	" " "	4	34.92	136.42		"
		9.4	38 Leonis	4	26.40	141.25		"
		9.5	" "	4	22.92	230.44		"
		9.6	" "	4	24.30	233.86		U
		9.7	" "	4	22.40	142.56		"
		9.8	ξ Ursae Majoris	4	34.60	143.15		"
		9.9	" " "	4	38.92	231.32		"
		10.0	" " "	4	34.94	230.22		P
		10.1	" " "	4	42.90	143.95		"
				13022				
	4th	7.9	12 Canum Venaticorum	4	14.82	138.24		"
		8.0	" " "	4	14.94	229.34		"
		8.1	" " "	4	15.34	228.92		δ
2550		8.2	" " "	4	14.90	138.34		"
				13054				

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May 1876 — 13054 (38)

1 2557	4h 23	93	Lyncis	4	8.64	228.82	M	P
	23	"	"	4	8.15	228.10		S
	24	"	"	4	6.25	134.84		P
	25	"	"	4	8.32	134.14		S
				13084 (54)				
	6h 4.4	K	Puppis	4	45.05	143.65		P
	4.4	"	"	4	42.65	142.25		"
	4.8	"	"	4	42.84	142.14		U
	4.8	"	"	4	42.42	141.64		"
	8.1	K	Geminorum	4	3.40	224.50		"
	8.2	"	"	4	4.46	134.50		"
	8.5	"	"	4	5.24	134.34		P
	8.5	"	"	4	3.94	226.42		"
	8.8	11	"	4	3.55	226.40		U
	8.8	"	"	4	3.62	134.94		"
	9.0	"	"	4	4.42	134.22		P
	9.0	"	"	4	4.14	225.44		"
	9.2	4	Camelopardalis	4	2.92	225.04		"
	9.3	"	"	4	3.10	134.40		"
				13142 (10)				
	7h 4.5	M	Canis Majoris	4	15.44	229.12		U
	4.6	"	"	4	15.62	229.44		P
	4.6	"	"	4	20.30	139.35		"
	4.7	"	"	5 X	16.44	139.54		U
	8.3	α	"	Minoris 5	0.794		I	P
	8.3	"	"	" 5	0.430			U
	8.4	β	"	" (b) 5	1.462			"
2 2546	8.8	"	"	" (c) 5	1.382			"
				13149				

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May 1878 — 13149 (47)

25th	9h 8.9	β	Canis Minoris (d)	5	1.392		S	U
	9.0	"	" " "	5	1.202			S
	9.1	"	" " (c)	5	1.560			"
	9.2	"	" " (b)	5	1.610			"
	9.8	Oberon & Uranus		5	2.134			"
	10.0	"	" "	5	1.890			U
	10.2	"	" "	5	2.528			P
	8.9	α	Leonis	4	1.84	226.82	St	"
	9.0	"	"	4	2.04	136.84		"
	9.1	ε	Leonis	4	42.00	139.45		"
	9.2	"	"	4	43.95	140.20		"
	9.3	ζ	"	4	26.45	228.90		"
	9.4	"	"	4	24.65	139.55		"
	9.9	α	Librae	4	18.20	224.25		"
	9.9	"	"	4	14.92	136.44		"
				13246 (18)				
8th	9.0	93	Leonis	4	8.62	134.02		U
		"	"	4	4.44	226.62		"
	9.3	δ	Corvi	4	4.95	224.50		"
		"	"	4	5.02	134.84		"
	9.4	γ	Virginis	4	44.62	139.62		"
		"	"	4	43.22	134.12		"
	9.9	"	"	4	46.42	224.42		P
	10.0	"	"	4	41.82	139.44		"
				13248 (46)				
10th	8.1	α	Leonis	4	3.55	224.10		"
	8.1	"	"	4	3.30	136.20		"
	8.2	"	"	4	4.14	136.34		U
2603	8.2	"	"	4	4.54	226.34		"

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West Equatorial

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May 18/78

62

13294

2604	16h 8.5	α	Canis Minoris		5	0.684		I	P
	8.6	"	"	"	5	0.420			U
	8.4	β	"	" (b)	6	2.095			P
	8.8	"	"	" (d)	5	1.540			"
	8.9	"	"	" (a)	5	1.122			U
	9.0	"	"	" (b)	5	1.268			"
	9.1	"	"	" (c)	5	1.202			"
	9.3	"	"	" (a)	5	1.482			P
	9.4	α	Geminorum	(c)	5	2.890			"
	9.5	δ	Canem		5	2.328			"
	9.6	"	"		5	2.136			U
	9.9	ε	Virginis		5	0.842			"
	9.9	"	"		5	0.904			P
	8.9	α	Leonis		4	2.65	226.60	H	S
	9.4	"	"		4	2.45	140.65		"
	9.6	ζ	"		4	23.42	143.62		"
	9.4	"	"		4	23.02	224.12		"
					13346				
					44				
	11h 8.5	κ	Geminorum		4	4.42	134.52		P
	8.6	"	"		4	4.20	136.20		S
	8.6	"	"		4	3.65	228.92		P
	8.4	"	"		4	3.84	228.24		S
	9.0	38	Lyncis		4	25.04	230.92		"
	9.2	"	"		4	21.45	138.50		"
	9.2	"	"		4	25.62	139.62		P
	9.4	"	"		4	22.15	230.50		"
					13408				
					13346				
	12h 8.9	"	"		4	22.40	135.84		
2630	9.0	"	"		4	20.40	135.20		S

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N.E.

E.E.

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May 10/6

133 84
13416

2631	12th	9.1	38	Draconis	5	23.44	226.64	pp
		9.2	"	"	4	20.45	224.65	s
		9.4	γ	Virginis	4	40.64	226.94	pp
		9.5	"	"	4	46.95	226.05	s
		9.4	"	"	4	46.62	143.42	"
		9.8	"	"	4	46.44	230.34	pp
					13441 09			
	13th	8.0	σ^2	Ursae Majoris	4	10.25	142.35	u
		8.	"	" "	4	9.45	232.65	"
		8.4	23	h "	4	5.02	141.42	s
		8.5	"	" " "	4	5.30	231.45	"
		8.6	"	" " "	4	4.95	232.00	u
		8.6	"	" " "	4	4.42	141.54	"
		8.8	l	" "	4	2.34	141.34	"
		8.8	"	" "	4	2.10	231.50	"
		9.6	32	H. Camelopardalis	4	38.80	226.10	s
		9.7	"	" "	4	35.42	134.44	"
		9.8	"	" "	4	38.32	136.04	u
		9.9	"	" "	4	38.44	226.42	"
		10.1	γ	Draconis	4	32.55	136.30	s
		10.1	"	"	4	30.52	224.64	"
		10.2	"	"	4	32.85	226.10	u
		10.3	"	"	4	29.12	134.64	"
					13505 13473			
	14th	9.1	ξ	Bootis	4	22.84	140.04	pp
		9.2	"	"	4	20.30	228.15	"
		9.2	"	"	4	21.44	224.04	s
2656		9.	"	"	4	22.44	139.52	"
					13521 13489			

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	May 1876				13489 13521			
2654	1	9h 8.5	γ	Virginis	4	44.24	140.44	1st II
		8.6	"	"	4	44.45	143.10	"
		8.4	"	"	4	43.00	142.45	S
		8.8	"	"	4	43.64	142.92	"
		9.3	μ	Herculis	4	4.25	140.60	P
		9.3	"	"	4	5.05	230.40	"
		9.	ν	Draconis	4	41.54	139.42	S
		9.	"	"	4	41.65	134.15	"
					13553			
					21			
	18th	8.3	α	Geminorum (c)	5	3.938	134.92	I P
		8.4	"	" "	5	3.430	138.64	S
		8.6	α	Leonis	4	4.14	228.42	1st P
		8.6	"	"	4	5.04	228.65	S
		8.7	"	"	4	5.44	224.24	"
		8.4	"	"	4	3.95	134.20	P
		9.2	θ	Virginis (b)	4	10.80	136.95	S
		9.3	"	" "	4	9.40	226.52	"
		9.3	"	" "	4	9.80		P
		9.3	"	" "	4	9.34		"
		9.4	"	" (c)	4	3.10	224.10	"
		9.4	"	" "	4	2.92	136.42	"
		9.5	"	" "	4	2.64	134.22	S
		9.4	"	" "	4	2.94	224.52	"
					+3611			
					13579			
	19th	8.4+	93	Leonis	4	8.14	134.22	"
		8.4	"	"	4	7.32	138.04	P
		8.5	"	"	4	7.44	224.32	S
2682		8.6	"	"	4	8.34	224.52	P
					13624			
					13595			

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May 1876 — 135 95 / 136 24

2683	19th	8.9	24	Comae Berenices	4	26.95	225.95	H	P
		9.0	"	"	4	23.94	225.84		S
		9.1	"	"	4	24.90	135.95		P
		9.1	"	"	4	25.05	135.55		S
		9.3	35	"	4	6.85	226.25		P
		9.4	"	"	4	6.40	226.95		S
		9.4	"	"	4	5.30	136.45		P
		9.5	"	"	4	4.40	136.10		S
		9.8	23	h Ursae Majoris	4	4.54	226.04		P
		9.9	"	"	4	5.60	135.45		"
					13664 / 35				
	21st	9.5	π	Bootis	4	30.05	139.10		S
		9.	"	"	4	36.45	228.35		"
		9.4	"	"	4	32.50	229.05		U
		9.4	"	"	4	33.45	138.95		"
		9.8	ε	"	4	18.44	230.04		"
					13684 / 35				
	22nd	7.9	24	Comae Berenices	4	22.45	136.85		P
		7.9	"	"	4	22.92	228.34		"
		8.0	"	"	4	24.12	228.02		U
		8.0	"	"	4	25.22	138.24		"
		8.5	Constant of Dist. I (on gas lamp)		5	3.468		I	P
		8.5	"	" " "	5	3.590			U
		8.4	"	" " "	5	4.204			S
					13478 / 13686				
	25th	8.6	π	Bootis	4	30.62	233.32	H	P
		8.4	"	"	4	33.02	233.12		S
2704		8.8	"	"	4	35.40	139.40		"
					13730 / 13648				

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May 18/80 — 13698 / 13730

2708	25th	8.8	π	Bootis		4	36.20	140.60	M	P
		8.9	δ	"		4	5.05	137.05		"
		9.0	"	"		4	4.80	137.70		A
		9.1	"	"		4	5.92	224.52		P
		9.1	"	"		4	5.84	224.42		A
		9.3	35	Comae Berenices		4	4.50	136.85		P
		9.3	"	"	"	4	4.44	136.44		A
		9.4	"	"	"	4	6.84	226.42		P
		9.4	"	"	"	4	9.02	226.64		A
		9.7	8	Virginis	(a.b)	4	10.65	138.60		P
		9.	"	"	"	4	10.82	229.42		"
		9.8	"	"	(a,c)	4	3.15	226.45		"
		9.9	"	"	"	4	3.22	136.12		"
		9.9	"	"	"	4	3.34	136.04		A
		10.0	"	"	~~(a.b)~~	4	3.20	226.85		"

13490 / 13758

	26th	8.1	ξ	Bootis		4	22.00	140.70		P
		8.1	"	"		4	21.34	140.52		A
		8.2	"	"		4	18.82	230.04		P
		8.3	"	"		4	21.00	229.95		A
		8.4	β	Serpentis		4	3.00	225.75		P
		8.5	"	"		4	3.10	136.05		"
		8.5	"	"		4	2.94	135.94		A
		8.6	"	"		4	4.35	225.75		"
		8.8	δ	Herculis		4	3.84	226.52		P
		8.9	"	"		4	4.20	136.40		"
		8.9	"	"		4	5.20	136.90		A
2734		9.0	"	"		4	4.15	226.35		"

13838 / 13806

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May 1876 — 1386 06

2/35	26th 92	μ Herculis	4	3.32	225.62	bt	P
	92	" "	4	2.44	135.12		"
	93	" "	4	2.84	135.52		L
	95	" "	4	3.40	225.50		"
	94	ν Draconis	4	43.94	135.92		P
	98	" "	4	44.10	134.40		L
	99	" "	4	43.95	224.80		"
	10.0	" "	4	44.55	135.10		P
			1386 40 38				
	27th 86	Constant by dist. light	5	2.886		I	L
	90	α Geminorum (C)	5	2.846			"
	91	" " "	5	3.202			P
			1386 55 53				
		α Leonis	4	1.95	140.90	bt	U
		" "	4	3.22	230.02		"
	96	ζ "	4	2.12	224.04		"
	9.	" "	4	1.90	134.00		"
			1390 41 1386 9				
	28th 84	α Geminorum	5	2.492		I	"
	88	" "	5	2.842			L
			1390 44 1386 49				
	29th 88	ν' ν² Draconis	4	44.00	140.90	bt	"
	90	" " "	4	44.14	140.04		"
	92	" " "	4	41.24	134.64		U
	92	" " "	4	43.95	134.80		"
	94	ρ Herculis	4	35.54	139.12		"
	97	" "	4	35.92	228.02		"
	98	" "	4	34.35	226.55		L
2/59	99	" "	4	36.30	139.40		"

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W.E.

E.E.

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http://hdl.handle.net/2027/hvd.32044077877phae.proj.1716.

June 1894

24/60	1st 94	β Serpentis	4	3.05	226.25	H	P
	94	" "	4	3.20	135.80		"
	96	δ "	4	34.42	132.42		"
	94	" "	4	32.52	229.04		"
	98	κ Herculis	4	30.22	135.04		"
	99	" "	4	31.57	226.44		"
		Constant by clouds	13964			I	"
	3rd 93	Constant (Photometer I.)	6	3.632		I	"
	93	ε Bootis	4	20.45	142.80	H	A
	95	" "	4	22.05	144.45		P
	95	" "	4	20.44	230.42		A
	96	" "	4	18.00	232.00		P
	95	(Constant. Phot. I.)	5	3.460		I	U
	98	ξ Ursae Majoris	4	43.94	139.92	H	A
	89	" " "	4	35.64	143.04		"
	92	ν " "	4	3.52	231.54		P
	92	" " "	4	4.24	141.64		"
	93	" " "	4	3.64	141.42		A
	94	" " "	4	3.24	231.44		"
			14057				
	4th 90	ξ Ursae Majoris	4	36.00	140.60		U
	91	" " "	4	34.64	231.02		"
	92	" " "	4	40.45	230.60		A
	94	" " "	4	40.62	139.64		"
			14073				
	5th 94	Constant by	39	14.30		I	U
	81	ε Bootis	4	14.30	142.75	H	"
24/85	82	" "	4	14.02	232.94		"
			14120				
			14088				

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June 1876

			14088 / 14120				
2/96	5th 8.3	ε Bootis	4	14.94	143.42	H	P
	8.	" "	4	16.25	234.85		"
	8.5	ζ Coronae	4	34.10	142.45		"
	8.5	" "	4	34.95	234.26		"
	8.5	Constant (by distant light)	5	3.346		I	A
	8.5	ζ Coronae	4	32.32	233.62	H	U
	8.6	Constant by	5	3.156		I	P
	8.6	ζ Coronae	5	28.94	146.52	H	U
	8.7	Constant by	5	4.452		I	"
	8.8	δ Serpentis	4	32.65	234.45	H	A
		" "	4	36.15	144.85		"
	9.0	" "	4	32.04	146.84		U
	9.1	" "	4	34.65	233.40		"
	9.9	δ Serpentis	5	1.766		I	"
			1.368 2 / 1.210				
	9.5	α "	14151 4	2.30	236.55	H	P
	9.6	" "	4	2.12	236.32		"
	9.6	" "	4	2.42	146.52		"
	9.7	" "	4	2.02	146.52		"
	9.9	ζ "	4	22.65	143.00		"
			14203 / 14071				
6th	7.9	π Bootis	4	31.30	231.60		"
	7.9	" "	4	33.45	141.30		"
	8.1	δ "	4	7.05	136.50		"
	8.2	" "	4		234.24		"
	8.4	ν Draconis	4	45.35	225.30		"
	8.4	" "	4	42.15	138.35		"
	8.5	μ "	4	41.32	140.22		"
28/3	8.5	"	4	44.14	141.24		A
			14233 / 03				

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W.E.

E.E.

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June 1846 03

14235

2814	6h 8.8	μ Draconis	4	43.42	232.24	M	P
	8.8	" "	4	42.42	141.34		A
	9.4	ι Ursae Majoris	5	3.118		I	P
	9.8	" " "	6	3.485			A
			14237				
		9th 7.5 equatorial by clouds	239			I	P
	9th 9.3	δ Serpentis	4	31.45	144.85	M	P
	9.4	" "	4	31.24	236.22		"
	9.4	" "	4	30.10	236.40		A
	10.0	" "	4	33.67	146.42		"
			14270				
			14309	X2			
			14279				
	9th 8.8	δ Draconis	5	1.416		I	P
	8.8	" "	5	1.208			A
	9.1	δ Cancri	5	2.924			P
	9.1	" "	5	2.414			A
	9.5	ι Ursae Majoris	5	3.986			P
	9.6	" " "	4	3.184			A
	10.0	ν Scorpionis (a,b+c)	4	21.64	136.42	M	P
	10.0	" " "	4	18.02	134.64		A
	10.1	" " "	5	19.45	224.30		P
	10.2	" " "	4	19.64	228.64		A
	10.6	β "	4	21.44	228.12		P
	10.7	" "	4	19.80	138.70		"
	10.8	" "	4	21.45	138.20		A
	10.9	" "	4	20.12	228.12		"
	13.0	ι Bootis	4	10.90	230.00		P
	13.1	" "	4	11.42	139.24		"
	13.2	" "	4	10.35	138.80		A
2840	13.2	" "	4	13.24	226.24		"
			14398				
			58				

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June 1876

		14 39 58				
6h 13.4	ι Bootis	4	19.54	134.84	M	P
13.6	" "	4	22.02	230.04		"
13.4	" "	4	16.35	230.40		M
13.4	" "	4	21.52	141.42		"
		14 40 6				
		14 37 4				

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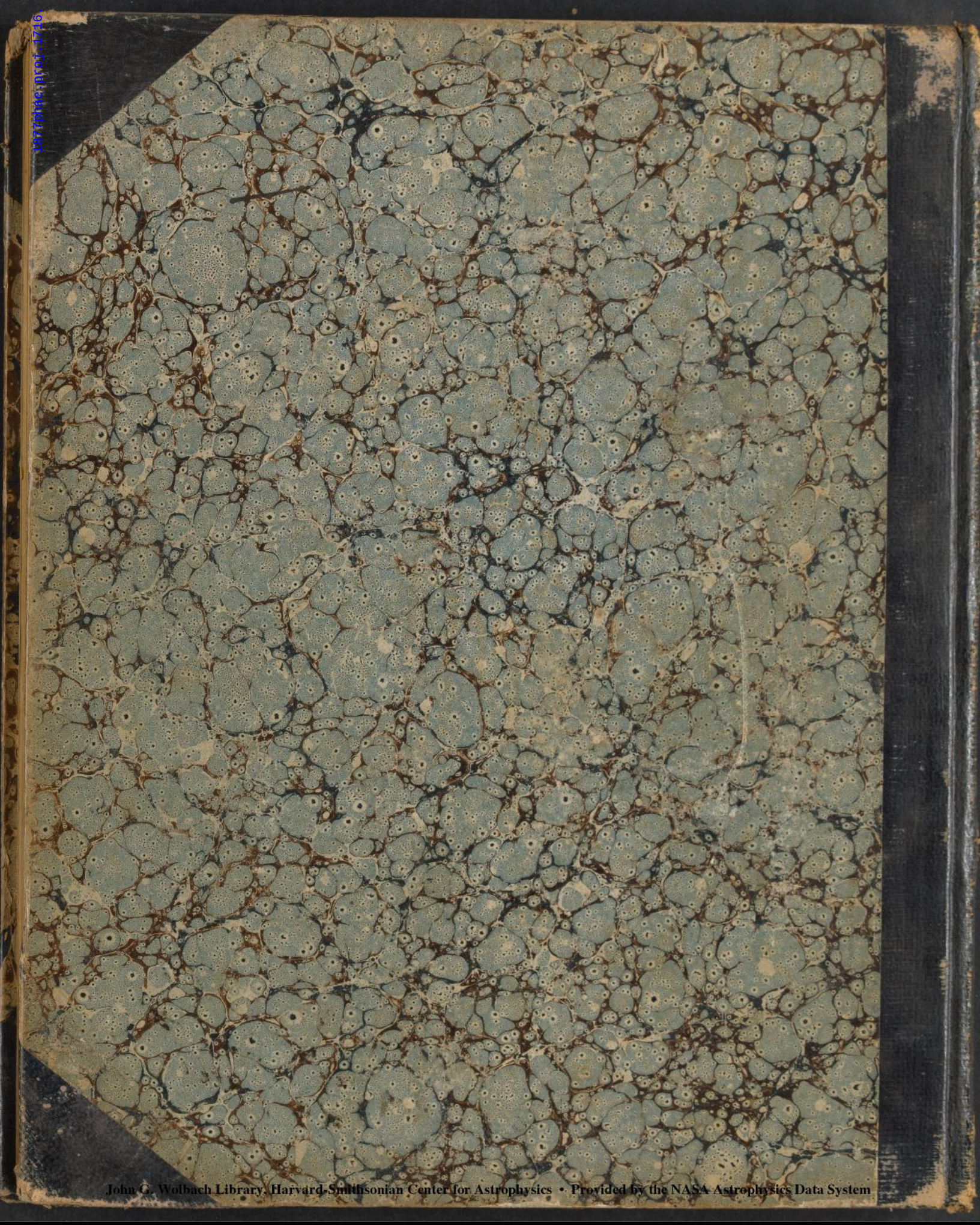
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