

KG
11366
v. 744

*Working Lists
Fundamental Stars.*

Charles W. Sever, University Bookstore, C

$$\begin{array}{r} 19 \quad 30 \\ 15 - 10 \\ \hline 4 \quad 20 \end{array}$$

γ Pegasi

Working List for 1879

γ Pegasi	(11)	0	7	0	+14	37	X
β Beti		0	37	31	-18	39	
α Beti		1	17	58	-8	48	
Polaris	(31)	2	00	22	+22	54	
η Eudani	2	50	31	-9	23		
α Beti	(10)	2	55	57	+3	37	
ϵ Eudani	(7)	3	27	14	-9	52	
δ "	(9)	3	37	30	-10	11	
γ "	(6)	3	52	23	-13	51	
β "	(11)	5	1	54	-5	15	
β Orionis	(21)	5	8	43	-8	21	
γ "	(14)	5	18	38	+6	14	
δ Orionis	(24)	5	25	50	-0	23	
α Leporis	(9)	5	27	24	-17	55	
ϵ "	(10)	5	30	4	-1	17	
ζ Orionis	(14)	5	34	39	-2	0 (red)	
α Columbae	(15)	5	35	16	-34	8	
κ Orionis	(29)	5	42	1	-9	43	
α "	(37)	5	48	37	+7	23	
α Can. Maj	(10)	6	39	49	-16	33	J
ϵ "	(10)	6	53	52	-28	48	J
δ "	(10)	7	3	28	-26	12	J
β Can. Min	(18)	7	20	35	+8	32	

ϵ Cass
 50 Cass.
 55 Cass.
 ϵ Cass.
 36% Cass.
 Groom. 537
 47% Cephei
 48 "
 Ga. 716
 5% Camel.
 9 "
 Ga 750
 - 9 Camel
 10 "
 19% Camel
 17 Camel.
 Ga. 966
 86 Camel.

from Feb. 14 to

1	45	42	+63	4						
1	53	8	+71	50	Gr. 2029	13	34	17	+71	51 ₉
									108	
2	5	0	+65	57	101 Draco.	13	47	54	+65	19
									114	41
2	19	7	+66	51	2 Draco.	14	1	7	+64	57 ₃
			113	9					115	
2	26	33	+72	17	4 Wes. Min.	14	9	21	+78	6
			107	43						
2	84	36	+67	19	Groom 2125	14	28	26	+60	45
			112	41						
2	50	4	+78	56	Blues. Min.	14	51	4	+74	39
			101	04					105	21
3	5	2	+77	17	16. Blues. Min.	15	13	15	+67	48
			102	46					112	12
3	31	40	+62	49	Y. Wes. Min.	15	20	56	+72	16
			117	11					107	44
3	37	36	+70	57	3 Wes. Min.	15	48	24	+78	10
			109	13					101	50
3	46	50	+60	45	19 Wes. Min.	16	14	18	+76	11
			119	15					103	49
3	59	6	+85	14	η Draconis	16	22	21	+61	47
			99	46					118	13
4	42	2	+66	8	α Draconis	16	28	13	+69	15
			113	52					110	45
4	52	40	+60	16	ε Wes. Min.	16	58	25	+82	14
			119	44					97	46
5	2	38	+79	5						
			100	55						
5	18	44	+62	58						
			117	5						
5	28	88	+74	58						
			108	2						
6	0	40	+65	44						
			114	16						

α Can. Min (22) ^h 7 ^m 32 ^s 58 + 5° 32'

ϵ Argus (10) 8 2 24 - 23 57

α Leonis (20) 10 1 56 + 12 33

ϵ Corvi (11) 12 3 - 21 55

δ " (10) 12 23 - 15 49

β " (10) 12 28 2 - 22 44

γ Virginis (27) 12 35 32 - 0 47

δ " (20) 12 49 30 + 4 3

ϵ " (32) 12 56 9 + 11 37

α " (34) 13 18 49 - 10 32

τ " (17) 13 55 29 + 2 8

α Bootis (16) 14 10 8 + 19 49

β Librae (14) 15 10 30 - 8 56

α Serpentis (19) 15 38 18 + 6 48

δ Scorpii (2) 15 53 11 - 22 17

β' " (4) 15 58 24 - 19 28

δ Ophiuchi 13 16 8 0 - 3 23

α Scorpii 6 16 21 59 - 26 10

γ Ophiuchi 11 16 30 30 - 10 19

ϵ " 6 17 3 27 - 15 34

α " 13 17 29 19 + 12 39

γ Serpentis 12 18 25 3 - 2 56 δ ϵ

β Ues. Min.

176 Ues. Min.

γ Ues. Min.

δ Ues. Min.

19 Ues. Min.

γ Draconis

α Draconis

ϵ Ues. Min.

14	51	4	+74 105	39 21	47 ^h . Cephei	2	50	4	+78 101	56 4
15	13	15	+67 112	48 12	48 ^h . Cephei	3	5	2	+77 102	17 43
15	20	56	+72 107	16 44	Groom. 716	3	31	40	+62 117	49 11
15	48	24	+78 101	10 80	5 ^h . Camel.	3	37	36	+70 109	57 13
16	14	18	+76 103	11 49	9 ^h . Camel.	3	46	50	+60 119	45 15
16	22	21	+61 118	47 13	Groom. 750	3	59	6	+85 94	14 46
16	28	13	+69 110	15 45	9 Camel.	4	42	2	+66 113	8 52
16	58	25	+82 97	14 48	10 Camel.	4	52	40	+60 119	16 44
					19 ^h . Camel.	5	2	38	+79 100	5 55
					17 ^h . Camel.	5	18	44	+62 117	58 2

α Sagittarii	2	18	47	46	-26	27
α Aquilae	2	18	59	50	-5	4
π Sagittarii		19	2		-21	13
γ Aquilae	18	19	40	30	+10	19
α "	21	19	44	53	+8	33
β "	12	19	49	22	+6	6
θ "	11	20	5	4	-1	11
α^2 Capricorni	8	20	11	20	-12	55
β Aquarii	10	21	25	11	-6	6
α "	8	21	59	34	-0	54
δ "		22	48		-16	29
α Piscis Aust.		22	50	58	-30	16

From Aug. 13

ϵ Androm	12	0	2	8	+28	25	Oct. 15-19-26	
γ Pegasi	11	0	7	0	+14	31	Oct. 15-19-26	2
β Arietis	(4)	1	47	57	+20	13	Aug. 19-24-Sept 8	14
α Arietis	(25)	2	0	21	+22	53	Aug. 19-24-Sept 8, 14	
η Eridani		2	50	31	-9	23		
α Ceti	7	2	55	57	+3	37	Sept. 8, 14	
ϵ Eridani	3	3	27	14	-9	52	Aug 20-24-Sept 8	14
δ Eridani	6	3	37	30	-10	11	Aug 20-Sept 8-14	
η Tauri	1	3	40	18	+23	44	Dec 4	
ξ Persei	2	3	46	32	+31	31	Aug. 20-Sept 8	
α Tauri	3	4	28	59	+16	16	Aug. 20-23-Sept 10	11
β Eridani	5	5	1	54	-5	15	Aug. 23-Sept. 10, 11	
β Orionis	15	5	8	43	-8	21	Aug. 23-Sept. 11-14	
β Tauri	8	5	18	39	+28	30	Aug 23, Sept. 10, 11	
γ Orionis	14	5	18	39	+6	14		
δ Orionis	20	5	25	50	-0	23	Sept. 10, 11. 14/16	
α Leporis	5	5	27	24	-17	55	Sept. 10, 14	16
ϵ Orionis	3	5	29	31	-5	59	Sept. 11 14 16	
ξ Orionis	9	5	34	39	-2	0	Sept. 10, 11 14 16	
K "	24	5	42	1	-9	43	Sept. 10, 11 14 16	
α "	30	5	48	37	+7	23	Aug. 23 Sept 10, 11	
μ Gemmae	10	6	15	38	+22	34	Sept. 10 11	14
γ "	10	6	30	43	+16	30	Sept. 14 16	
β Can. Min.	16	7	20	35	+8	32	Sept 11-14	2

27-29-30- Nov 10 16/ 24 25 29
 27-29- Nov 16 & 24 29
 14-23-29- Dec 1-4-7-9-15-17-18
 4-23 29- Dec. 4-7 9-15-16- 17-18 29

Dec 7 15 17 18 29 Jan
 14- Dec 4- 15 17 18 29 Jan
 Dec 4- 7 15 17 18 29 Jan
 15 17 18 29
 Dec. 4- 7 15 17 18 29

11-14-
 14-16-17-
 16-17-20-
 14-16-17-20-24

17-20-24- ~~Oct 7~~
 17-20-24- ~~Oct 7~~
 17-20-24- 27-
 17-20-24- 27- Oct 7-
 17-20-24- 27- Oct 7-
 14-16-17-20-24- 27- Oct 7-
 14-16-20-24- 27- Oct 1- & 7-20-
 17-20-24-25- 27- Oct 1- 4- 7-20-
 24- Oct 1- 4- 7-14- 20

γ Geminor.	10	7	26	52	+32	9	Sept. 9, 11 14
α Can. Min.	17	7	32	58	+5	32	Sept. 9, 11 16
β Geminor.	13	7	37	55	+28	19	Sept. 9-10, 11 14
ϵ Argus.	10	8	2	23	-23	57	Oct. 20-
α Hydrae	15	9	21	38	-8	8	Sept. 4-25
ϵ Leonis	13	9	38	59	+24	20	Sept. 25-28-
α "	18	10	1	56	+12	33	Sept. 4-9-24-
ζ "	16	10	9	57	+24	1	Sept. 24-Oct. 1-
γ' "	16	10	13	18	+20	27	Sept. 24-25-
δ "	12	11	7	40	+21	11	Oct. 12-13-
β "	16	11	42	53	+15	15	~~Nov 8~~ Oct. 12-13-19
ϵ Corvi	11	12	3	54	-21	57	Nov 25
δ "	10	12	23	37	-15	50	~~Nov 16~~
β' "	10	12	28	2	-22	44	~~Oct 12~~
γ Virginis	27	12	35	32	-0	47	Nov 16 29
δ "	19	12	49	30	+4	3	Nov 9 16 29
ϵ "	31	12	56	9	+11	37	Nov. 9 16 25
α "	29	13	18	49	-10	32	Aug 20-Sept 5-
γ Bootis	10	13	48	55	+19	0	Oct. 20-25-28-
τ Virginis	16	13	55	29	+2	8	Nov 25-
α Bootis	11	14	10	8	+19	49	Aug 20-22-Sept. 5
ϵ Bootis	11	14	39	42	+27	35	" 20-Sept. 5-8
α^2 Librae	14		44	11	-15	32	

17-24-27-~~30~~ Oct-1-4-7 $\odot$
 17-24-25-27-29-Oct-1-4-7-13-14-20
 (16)-24-27-29-30-Oct-1-4 $\odot$

1 Oct-7-12-13-19-23-26-29-Nov-24
 29-30-Oct-1-7-8(12)-23-26-29
 25-28-29-30-Oct-1-7-13-20-23-26-29
 13-14-20-26-29-30-Nov-10-15 $\odot$
 28-30-Oct-1-13-14-20-23-25-26 $\odot$
 20-26-28-29-30-Nov-15-30
 20-22-26-28-29-30-Dec-8
 29-Dec-4-8-15-17-20-31
 25-Dec-4-8-15-17-20-31
 29-Dec-4-8-15-17
 Dec-1-2-4-8-17-20-31
 Dec-1-2-3-4-8-15-17-20-31
 29-Dec-1-3-8-15-17-20-31
 Oct-~~1~~ Nov-9-16-25-29-Dec-2-3-4-6-15-
 29-Oct-Nov-9-10-25-Dec-6-20

19-Oct-5-7-8-13-14-~~17~~-20-25-26 $\odot$
 19-Oct-7-20-26-Nov-9-10-25 $\odot$

β Librae	11	15	10	30	-8	56	Sept. 5-11-15-
α Cor. Bor.	10	15	29	34	+27	7	Sept. 5-8-11-25
α Serpentina	15	15	38	18	+6	48	" 8-11-26-
δ Scorpii	2	15	53	11	-22	17	Sept. 25
β' "	4	15	58	24	-19	28	Sept. 25-26
δ Ophiuchi	11	16	8	0	-3	23	Sept. 25-26-29
γ Herculis		16	16	35	+19	26	
α Scorpii	6	16	21	59	-26	10	Sept. 25-26
β Herculis	3	16	25	1	+21	45	Sept. 19-26
ζ Ophiuchi	9	16	30	30	-10	19	Sept. 7-19-25-
ζ Herculis		16	36	44	+31	49	
η Ophiuchi	4	17	3	27	-15	34	Sept. 7-19-26
α' Herculis	3	17	9	18	+14	32	Aug. 20-Sept. 7
δ Herculis		17	10	4	+24	59	
α Ophiuchi	7	17	29	19	+12	39	Aug. 20-Sept. 7-
η Serpentina	4	18	15	3	-2	56	Aug. 20-21-23
σ Sagittarii	2	18	47	46	-26	27	Sept. 27-30-
ζ Aquilae	2	18	59	51	+13	41	Aug. 20-21-23-24
λ "	2	18	59	50	-5	4	Sept. 23-27-
β Cygni	3	19	25	50	+27	42	Aug. 21-23-24
γ Aquilae	15	19	40	30	+10	19	Aug. 23-24-Sept. 8
δ Cygni		19	41	11	+44	50	
α Aquilae	17	19	44	53	+8	33	Aug. 23-24-Sept. 8

Dec 15

26 Oct 1-2-19-20-21

24 Oct. 1-19-20-25- Nov 25 Dec 15

1001-1

30-Oct-1-

30-Oct-1-7-(8) ✓ Dec 15

Oct. 1-2-7-8

26-Oct-1-2-7-8-

~~24~~ 30-Oct-1-2-7-8

19-25-26-30-Oct-1-2-5-7-8

19-26-30-Oct-1-2-5-7-8-

Sept. 6-9-30-Oct-2-5-7-8-

Oct 2-4-5-7-8-12

Sept. 6-8-9-17

Oct 2-4-5-7-8-12-14-

Sept. 6-8-20-23

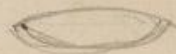
20-23-25-27-29-Oct-18-19-21-25-Nov. 5-

8-20-23-25-27-29-Oct-4-15-18-19-21
Oct 25-

α Aquilae	8	19	49	22	+6	6	Aug 23-24-Sept 6	8
θ "	9	20	5	4	-1	11	Aug 23-Sept 6-20	1
γ^2 Capricorni	8	20	11	20	-12	55	Sept 20-23-	2
ζ Cygni		21	7	47	+29	44	Oct 4-7-12-	1
β Aquarii	10	21	25	11	-6	6	Oct 4-7-12-	1
ϵ Pegasi	11	21	38	14	+9	19	Oct 4-7-12-	1
δ Aquarii	8	21	59	34	-0	54	Oct 4-7-12-	1
η Pegasi	1	22	37	20	+29	35	Oct 15-19-	2
δ Piscis Aust.		22	50	58	-30	16	Oct 19-26-	27
δ Pegasi	9	22	58	44	+14	33	Oct 15-19-26-	1

Safford's star

20 16 42 +88 46 +91 14



6 8-20-23-27-29 Oct 4-18-~~19~~¹¹-19-25
 20-23-27-29-Oct-4-7-15-18-19-
 27-29-Oct-4-7-15-18-19-
 13-14-15-18-~~19~~-23-29-Nov-5-
 13-14-19-20-29-30-
 13-14-15-19-20-26-27-~~29~~²⁹-30-
 13-14-15-19-20-26-27-29-30-Nov-16-
 26-27-29-30-Nov-26-30-Dec-7
 27-29-30-Nov-16-30-Dec-7
 6-27-29-30-Nov-30-Dec-7

Pole Stars.

187996 19 H. Camel.	5	2	38	+79	5	+100	55	
17 Camel.	5	18	44	+62	58	+117	2	
Groom. 966.	5	23	33	+74	58	+105	2	
36 Camelop.	6	0	40	+65	44	+114	16	
22 H. Camelop.	6	5	30	+69	22	+110	38	
23 " "	6	25	33	+79	41	+100	19	
8 Lynceis	6	26	38	+61	35	+118	25	
43 Camel.	5	6	40	39	+69	2	+110	58
24 H. Camel. 5.4	6	42	24	+77	8	+102	52	
51 H. Cephei	5	6	43	16	+87	14	+92	49
Groom. 1308	6	7	18	16	+68	43	+111	17
Groom. 1374	6	57	45	40	+74	14	+105	49
53 Camelop.	6	7	51	22	+60	39	+119	21
Groom. 1408	5	8	4	18	+76	7	+103	53
0 Ues. Maj.	3.4	8	20	12	+61	7	+118	53
Encke	6	8	25	46	+74	48	+105	12
Quary	5	8	51	15	+68	7	+111	53

ϵ Ues. Min.	16	58	25	+82	14	+ 97	46
ζ Draconis	17	8	26	+65	52	+ 114	8
η Draconis	17	32	27	+68	13	+ 111	47
ω "	17	37	40	+68	49	+ 111	11
ψ "	17	44	5	+72	12	+ 107	48
35 "	17	54	52	+76	59	+ 103	1
δ Ues. Min.	18	11	21	+86	36	+ 93	24
36 Draconis	18	13	12	+64	21	+ 115	39
ϕ "	5	18	22	+71	16	+ 108	44
χ "	43	18	23	+72	41	+ 107	19
Groom. 2655	6	18	35	+77	27	+ 102	33
Groom. 2640	6	18	35	+65	23	+ 114	37
ν Draconis	56	18	55	+71	8	+ 108	52
θ "	3	19	12	+67	27	+ 112	33
ι "	5	19	17	+73	8	+ 106	52
Groom. 2900	67	19	28	+79	22	+ 100	38
λ Ues. Min.	67	19	45	+88	56	+ 91	4
ϵ Draconis	4	19	48	+69	58	+ 110	2
κ Cephei	45	20	12	+77	21	+ 102	39
θ Cephei	4	20	27	+62	35	+ 117	25
73 Draco.	20	33	5	+74	32	+ 105	28
η Cephei	20	42	50	+61	22	+ 118	38
76. Draco.	20	51	15	+82	5	+ 97	55
Br. 2749	20	53	1	+80	6	+ 99	54

List I

Equatorial Time Stars

From Apr 28 1879 to May.

γ Pegasi	0	7	0	+ 14	31	3.2
θ Ceti	1	17	58	- 8	49	3.0
η Eridani	2	50	31	- 9	23	3.0
α Ceti	2	55	57	+ 3	37	2.3
ϵ Eridani	3	27	14	- 9	52	3.0
δ "	3	37	27	- 10	10	3.0
β "	5	1	54	- 5	15	3.0
β Orionis	5	8	43	- 8	21	1.0
γ "	5	18	38	+ 6	14	2.0
δ "	5	25	50	- 0	24	2.5
ι "	5	29	31	- 5	59	3.4
ϵ "	5	30	4	- 1	17	2.0
ζ "	5	34	39	- 2	0	2.0
κ "	5	42	1	- 9	43	3.2
α "	5	48	37	+ 7	23	1.4
β Can. Min.	7	20	35	+ 8	32	
α "	7	32	58	+ 5	32	
α Hydrae	9	21	38	- 8	8	
α Leonis	10	1	56	+ 12	33	
γ Virginis	12	35	31	- 0	47	
δ "	12	49	30	+ 4	3	

List II 1279

23
27
56

Working List from April 28 to
[The stars in red have been observed in former list]

2 Androm.	0	2	8 + 28	25	
γ Pegasi	0	7	0 + 14	31	
γ Cassiope.	0	49	25 + 60	4	11 9 56
δ "	1	17	55 + 59	36	120 24
γ Androm.	1	56	28 + 41	45	
2 Arietis	2	0	21 + 22	53	
γ Persei	2	56	2 + 53	2	
α "	3	15	41 + 49	26	
δ "	3	34	19 + 47	24	
η Tauri	3	40	18 + 23	44	
ε Persei	3	46	32 + 31	31	
2 Tauri	4	28	59 + 16	16	
ε Aurigae	4	49	7 + 32	58	
α "	5	7	45 + 45	52	
β Tauri	5	18	39 + 28	30	2.0
β Aurigae	5	50	39 + 44	36	2.0
μ Gemmor.	6	15	38 + 22	34	
γ "	6	30	43 + 16	30	
2 "	7	26	52 + 32	9	✓
β "	7	37	55 + 28	19	✓
ε Boae Maj.	8	50	55 + 48	31	

29.6

List I

ϵ Virginis	12	56	9	+11	37
α "	13	18	49	-10	32
T "	13	55	29	+2	8
β Librae	15	10	30	-8	56
α Serpentis	15	38	18	+6	48
δ Ophiuchi	16	8	0	-3	23
ζ "	16	30	30	-10	19
α "	17	29	19	+12	39
η Serpentis	18	15	2	-2	56
λ Aquilae	18	59	50	-5	4
γ "	19	40	30	+10	19
α "	19	44	53	+8	33
β "	19	49	22	+6	6
θ "	20	5	4	-1	11
β Aquarii	21	25	11	-6	6
ϵ Pegasi	21	38	14	+9	19
α Aquarii	21	59	34	-0	54
α Pegasi	22	58	44	+14	33

List II

θ Urs. Maj.	^h 9	^m 24	^s 45 + ^o 52	14
ϵ Leonis	9	38	59 + 24	20
α "	10	1	56 + 12	33
ζ "	10	9	57 + 24	1
γ "	10	13	18 + 20	27
μ Urs. Maj.	10	15	7 + 42	6
β " "	10	54	32 + 57	2
α " "	10	56	15 + 62	24
ψ " "	11	2	51 + 45	9
δ Leonis	11	7	40 + 21	11
β " "	11	42	53 + 15	15
γ Urs. Maj.	11	47	28 + 54	22
ϵ Urs. Maj.	12	48	42 + 56	37
ϵ Virginis	12	56	9 + 11	37
η Urs. Maj.	13	42	46 + 19	55
η Bootis	13	48	55 + 19	0
α Bootis	14	10	8 + 19	49
γ "	14	27	12 + 38	50
ϵ "	14	39	42 + 27	35
β "	14	57	23 + 40	52
δ "	15	10	37 + 33	46
α Cor. Bor.	15	29	34 + 27	7

J
 J
 J
 J
 J
 J

9
2
13
2
2
6
1
2
Y
2
S
1
J
Y
2
E
S
2
E
7
2

3

2

58

4

List II

α Serpentis	15	38	18	+6	48
η Draconis	16	22	21	+61	47 Blue.
β Herculis	16	25	1	+21	45
η "	16	38	45	+39	9
α' "	17	9	18	+14	32
δ "	17	10	4	+24	59
β Draconis	17	27	42	+52	23
α Ophiuchi	17	29	19	+12	39
γ Draconis	17	53	48	+51	30
α Lyrae	18	32	50	+38	40
δ Aquilae	18	39	51	+13	41
β Cygni	19	25	50	+27	42
δ Cygni	19	41	11	+44	50
γ "	20	17	53	+39	52
α "	20	37	18	+44	51
ϵ "	20	41	19	+33	31
δ Cygni	21	7	47	+29	44
α Cephei	21	15	41	+62	4
ϵ Pegasi	21	38	14	+9	19
η Pegasi	22	37	19	+29	35
α Pegasi	22	58	44	+14	33

Programme of observation from Aug 28 1879 to _____

- I Observation of Polaris above and below pole.
- II Observation of the sun
- III Observation of fundamental stars from list I, morning and evening.
- IV Observation of polar stars, at both culminations, morning and evening.
- V Observations of the ^{stars} ~~following~~ of list II, the stars in red forming the connecting links between the fundamental stars of list I and those of list II which are written in blue.

					U. b.	L. b.	
5 ² Ues. Maj.	8	59	43	+67	37 + 112	23	
1 H. Draconis	9	19	42	+81	52 + 98	8	
h Ues. Maj.	9	21	58	+63	35 + 116	25	
d Ues. Maj.	9	23	45	+70	22 + 109	38	
Gr. 1564	9	31	51	+69	47 + 110	13	
Gr. 1586	67 9	47	32	+73	27 + 106	33	
38 Ues. Maj.	5 10	15	23	+66	11 + 113	49	
30 H. Camel.	5 10	16	11	+83	10 + 96	50	
9 H. Draconis.	54 10	24	46	+76	20 + 103	40	
35 H. Ues. Maj.	5 10	34	23	+69	42 + 110	18	
Br. 1508	6 10	50	14	+78	25 + 101	35	
2 Ues. Maj.	2 10	56	15	+62	24 + 117	36	
Gr. 1771	6 11	15	39	+65	0 + 115	0	
7 Draconis	34 11	24	12	+70	0 + 110	0	
3 Draconis	56 11	35	43	+67	25 + 112	35	

U. C. L. C.

77 Draconis	21	7	53	+77	38	+102	22
2 Cephei 3.2	21	15	41	+62	4	117	56
β " 3	21	27	5	+70	2	109	58
11 " 5	21	40	9	+70	45	109	15
20 " 6	22	1	20	+62	12	117	48
24 " 5.4	22	7	29	+71	45	108	15
31 " 5	22	32	47	+73	1	106	59
30 " 8.6	22	34	22	+62	57	117	3
1 Cephei 4.3	22	45	22	+65	34	114	26
π " 5.4	23	4	3	+74	44	105	16
4 Cassiopeia 6	23	19	28	+61	37	118	23

Working List for Personal Equation between bright & faint fields.

Star	α			δ		mag.
	h	m	s	$^{\circ}$	$'$	
σ Leonis	11	14	54	+6	42	4.0
L ..	11	17	37	+11	12	4.0
ν ..	11	30	45	-0	9	5.4
θ Virginis	11	59	3	+9	24	4.0
	~~12 10 3~~					
η Virgin.	12	13	43	+0	0	3.4
λ Comae	12	23	39	+21	34	6.0

α Ues. Maj.	h	m	s	$^{\circ}$	'	
	11	11	56	+33	45	3.4
σ Leonis	11	14	54	+6	42	4.0
ϵ "	11	17	37	+11	12	4.0
δ Ues. Maj.	11	23	58	+43	50	6.0
ν Leonis	11	30	45	-0	9	5.4
χ Ues. Maj.	11	39	39	+48	27	4.0
~~γ " "~~	~~11~~	~~47~~	~~28~~	~~+54~~	~~22~~	
θ Virginis	11	59	3	+9	24	4.0
2 Can. Ven.	12	10	4	+44	20	6.0
η Virginis	12	13	43	+0	0	3.4
6 Can. Ven.	12	19	53	+39	41	5.6
20 Comae.	12	23	39	+21	34	6.0
8 Can. Ven.	12	28	0	+42	1	4.5
24 Comae	12	29	4	+19	3	5.0

T Draco.	19	17	52	+73	8 + 106	52
Gr. 2900.	19	28	59	+79	22 + 100	38
Urs. Min.	19	45	14	+88	56 + 91	4
E Draco.	19	48	34	+69	58 + 110	2
K Cephei	20	12	56	+77	21 + 102	39
A Cephei	20	27	33	+62	35 + 117	25
73 Draco.	20	33	5	+74	32 + 105	28
η Cephei	20	42	50	+61	22 + 118	38
76 Draco.	20	51	15	+82	5 + 97	55
Br. 2749	20	53	1	+80	6 + 99	54
77 Draco.	21	7	53	+77	38 + 102	22
α Cephei	21	15	41	+62	4 + 117	56
β Cephei	21	27	5	+70	2 + 109	58
11 Cephei	21	40	8	+70	45 + 109	15
20 Cephei	22	1	20	+62	12 + 117	48
24 Cephei	22	7	28	+71	45 + 108	15
31 Cephei	22	32	47	+73	1 + 106	59
30 Cephei	22	34	22	+62	57 + 117	3
1 Cephei	22	45	22	+65	34 + 114	26
π Cephei	23	4	3	+74	44 + 105	16
4 Cass.	23	19	28	+61	37 + 118	23

Gr. 1308	7	18	16	+68	43	+111	17
Gr. 1374	7	45	40	+74	14	+105	46
53 Camel.	7	51	22	+60	39	+119	21
Gr. 1408	8	4	18	+76	7	+103	53
o Ues. Maj.	8	20	12	+61	7	+118	53
Gr. 1446	8	26	13	+74	3	+105	57
p Ues. Maj.	8	51	37	+68	6	+111	54
o ² Ues. Maj.	8	59	43	+67	37	+112	23
1 H. Draco.	9	19	42	+81	52	+98	8
h Ues. Maj.	9	21	58	+63	35	+116	25
d Ues. Maj.	9	23	45	+70	22	+109	38
Gr. 1564	9	31	51	+69	47	+110	13
Gr. 1586	9	47	32	+73	27	+106	33
38 Ues. Maj.	10	15	23	+66	11	+113	49
30 H. Camel.	10	16	11	+83	10	+96	50
9 H. Draco.	10	24	46	+76	20	+103	40
35 H. Ues. Maj.	10	34	23	+69	42	+110	18
Br. 1508	10	50	14	+78	25	+101	35
2 Ues. Maj.	10	56	15	+62	24	+117	36
Gr. 1771	11	15	39	+65	0	+115	0
1 Draco.	11	24	12	+70	0	+110	0

35.6

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36.6

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