

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
1	I 1	1	ω Leo	5.5	1397	oc	344	186	45	-0.88
2	3	1	62 Leo	6.0	1605	oc	245	147	31	-0.71
3	4	3		6.7	1726	oc	337	173	31	-0.61
4	6	5		6.9	1968	oc	261	176	21	-0.38
5	14	16		7.4	3259	zc	91	233	16	+0.11
6	14	17		7.5	5963	zc	141	245	10	+0.11
7	14	18		7.8	5965	zc	23	249	8	+0.11
8	16	15	22 Psc	5.6	3512	zc	66	190	38	+0.27
9	16	17		7.7	8469	zc	39	233	28	+0.28
10	18	20	π Psc	5.5	240	zc	44	256	24	+0.48
11	18	21		6.8	241	zc	68	259	23	+0.48
12	21	23	43 ω 1 Tau	5.5	614	zc	50	265	28	+0.76
13	23	21		7.1	7547	zc	43	199	55	+0.90
14	24	0		6.0	888	zc	106	255	35	+0.90
15	24	1	57 Ori	5.9	895	zc	110	271	24	+0.91
16	25	22		5.5	1141	zc	33	207	53	+0.98
17	25	23		5.5	1141	oj	12	219	51	+0.98
18	27	21	κ Cnc	5.2	1359	oc	263	137	43	-0.99
19	29	3	14 Sex	6.2	1482	oc	320	244	27	-0.96
20	29	20	36 Sex	6.3	1566	oc	333	110	19	-0.92
21	30	3	55 Leo	5.9	1587	oc	242	228	29	-0.91
22	II 2	2	68 Vir	5.3	1930	oc	224	167	22	-0.66
23	3	3		6.7	2063	oc	354	165	22	-0.55
24	6	4		5.8	2509	oc	301	141	6	-0.22
25	6	5		7.2	5402	oc	300	154	11	-0.21
26	12	17	15 Psc	6.5	3477	zc	66	260	9	+0.07
27	13	18		7.9	54	zc	39	262	13	+0.14
28	15	17	12 H1. Ari	6.0	299	zc	80	223	43	+0.30
29	16	17		6.3	423	zc	72	223	46	+0.39
30	18	19		6.3	691	zc	61	219	51	+0.59
31	18	19		7.2	4021	zc	34	223	50	+0.59
32	23	17	50 Cnc = A2 Cnc	5.9	1318	zc	138	116	32	+0.95
33	23	23	60 Cnc	5.4	1332	zc	50	223	40	+0.96
34	27	1		6.4	1662	oc	5	209	30	-0.98
35	28	23	49 Vir	5.2	1884	oc	280	152	21	-0.88
36	III 2	0		6.4	2017	oc	263	155	18	-0.80
37	4	2	Kow Kin = ω 1 Sco	3.9	2307	zj	140	159	16	-0.59
38	4	3	Kow Kin = ω 1 Sco	3.9	2307	oc	245	175	15	-0.58
39	5	2		6.3	2457	oc	202	149	13	-0.47
40	6	6	μ Sgr	3.8	2633	oc	187	175	16	-0.35
41	7	3		5.6	2791	oc	230	134	5	-0.25
42	7	3		6.6	2794	oc	303	137	7	-0.25
43	15	16	29 Ari	6.0	374	zc	103	243	36	+0.15
44	16	21		6.8	510	zc	30	289	9	+0.24
45	17	20		7.5	3873	zc	70	270	24	+0.32
46	17	22		6.0	654	zc	113	295	6	+0.33
47	18	17		6.6	760	zc	85	206	53	+0.40
48	18	19	107 Tau	6.5	769	zc	64	245	41	+0.41
49	20	17		6.4	1040	zc	125	177	54	+0.60

Nr	UT	Gda	Gru	Kra	Kro	Łód	Lub	Ols	Poz	Szc	War	Wro	Zie
	h	m	m	m	m	m	m	m	m	m	m	m	m
1	1	47.6	49.9	59.1	61.5	54.7	58.2	50.2	51.2	47.1	54.6	54.1	51.0
2	0	66.3	64.5	53.6	57.7	60.7	66.4	68.4	57.1	56.1	65.6	50.9	51.6
3	3	22.2	23.5	29.1	31.3	26.4	29.7	24.4	23.4	20.3	27.0	25.0	22.7
4	5	13.4	13.3	14.2	17.5	14.0	19.3	16.2	09.8	06.4	16.7	09.2	07.0
5	16	41.5	42.9	50.2	53.0	46.4	50.4	44.0	42.8	39.0	47.1	45.1	42.1
6	17									56.7			
7	18												09.4
8	15	23.8	23.6	24.6	27.6	24.1	28.8	26.0	20.7	18.1	26.5	20.3	18.5
9	17	55.7	55.5	56.2	57.9	55.8	58.2	56.8	53.8	52.3	57.0	53.7	52.5
10	20	48.6	48.9	50.9	52.3	49.8	51.9	49.9	47.9	46.0	50.6	48.4	47.0
11	20	60.3	61.3	66.0	67.3	63.6	65.7	61.9	61.4	58.9	63.8	63.0	61.2
12	23	25.6	26.2	29.3	30.8	27.7	30.2	27.3	25.4	22.9	28.5	26.4	24.7
13	20	65.5	64.1	61.8	64.9	62.7	67.9	67.7	58.9	56.5	66.2	57.3	55.7
14	0	12.3	14.0	21.5	23.0	17.7	20.4	14.4	15.0	11.5	17.6	17.8	15.1
15	1	34.0	35.6	42.5	43.2	39.1	40.2	35.3	37.6	35.2	38.3	40.2	38.4
16	22			53.8	58.1	58.9	68.8		53.3	51.5		48.7	47.3
17	23						18.1						
18	21	21.5	20.9	18.7	21.1	20.1	24.1	23.4	17.3	15.6	22.8	15.8	14.9
19	3	38.2	40.1	48.2	49.9	44.2	46.8	40.3	41.6	38.1	43.9	44.4	41.8
20	20			37.8	38.8	36.0	37.8	33.2			36.0		
21	3	52.2	53.2	57.9	60.8	55.7	60.4	55.2	51.5	47.1	57.4	52.4	49.5
22	2	33.0	30.8				36.1	36.6			34.0		
23	3			26.2	27.0	21.6	19.9		20.9	19.1	17.4	23.6	21.9
24	4	16.4	15.9	14.4	15.8	15.2	17.5	17.4	13.7	12.9	16.8	12.8	12.3
25	5	15.4	15.1						12.6	10.9		12.0	10.9
26	17	58.3	59.2	63.2	63.9	61.1	62.3	59.3	59.8	58.1	60.9	61.2	59.8
27	18	40.2	40.3	41.8	42.5	40.9	42.0	40.8	39.9	38.8	41.2	40.3	39.5
28	17	09.6	10.4	15.7	18.7	13.0	17.7	12.4	08.9	05.0	14.6	10.2	07.3
29	17	51.0	51.5	55.5	58.4	53.5	58.1	53.6	49.5	45.9	55.2	50.4	47.8
30	19	07.2	07.2	09.4	12.3	08.3	13.1	09.8	04.3	00.9	10.6	04.4	02.0
31	19	18.1	16.8	15.0	17.8	15.7	20.3	20.2	12.2	09.9	18.8	10.8	09.3
32	17	51.2	51.5	55.5	57.8	53.1	56.5	52.9	50.5	48.2	54.2	51.6	49.6
33	23	35.4	35.2	37.2	40.8	36.2	42.5	39.1	31.2	26.8	39.5	31.3	28.4
34	1	26.0	28.7	39.1	40.5	33.9	35.7	27.4	31.7	28.4	32.6	35.2	32.5
35	23	31.7	31.3	30.3	32.7	31.0	34.9	33.6	28.1	26.2	33.3	27.0	25.8
36	0	32.8	32.1	30.2	32.9	31.3	35.7	34.8	28.1	26.0	34.1	26.6	25.4
37	2			46.9	49.0	46.0	49.6				47.7	43.7	
38	3	45.4	45.2	45.2	48.2	45.4	50.3	48.0	41.6	38.6	48.1	40.8	38.9
39	2			45.1	48.2		54.3				53.6		
40	6									00.2			
41	3	38.3	36.9	31.5	32.9	34.4	36.9	39.1	32.9	32.7	36.9	30.4	30.6
42	3	54.4	53.9	52.2	53.7	53.1	55.6	55.5	51.5	50.7	54.8	50.5	50.0
43	16			57.7	60.2	52.9	57.0	49.8			53.4		
44	21	20.9	20.9	21.6	21.9	21.2	21.8	21.4	20.5	19.7	21.4	20.8	20.3
45	20	24.0	25.1	29.9	30.9	27.5	29.2	25.5	25.6	23.2	27.5	27.3	25.5
46	22	39.0	40.4			43.0		39.1	43.2	42.4	41.4	45.5	44.8
47	17	10.5	11.2	15.7	19.0	13.3	18.7	13.6	08.9		15.5	09.9	
48	19	17.0	17.7	21.8	24.1	19.8	23.6	19.5	16.3	12.7	21.2	17.4	14.9
49	17	31.5	32.8	41.0	44.4	36.6	42.1	35.0	31.8	27.0	38.0	34.4	30.6

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
50	III 20	17		7.3	6110	zc	97	177	55	+0.59
51	20	22		6.8	1057	zc	113	269	23	+0.61
52	24	17	14 Sex	6.2	1482	zc	127	126	29	+0.92
53	28	2	ψ Vir	4.8	1853	oc	323	224	19	-0.99
54	30	23	κ Lib	4.8	2241	oc	248	142	8	-0.84
55	IV 12	19		7.7	3315	zc	77	287	8	+0.05
56	14	20		6.4	736	zc	68	290	10	+0.18
57	15	18		7.6	4739	zc	51	256	37	+0.25
58	17	20		7.1	6848	zc	80	251	34	+0.43
59	18	19		6.5	1237	zc	111	233	39	+0.53
60	22	18		6.4	1662	zc	71	154	31	+0.88
61	V 13	19		7.0	5485	zc	65	280	17	+0.12
62	14	21		6.5	1091	zc	93	293	4	+0.20
63	20	18		6.7	1726	zc	151	183	36	+0.76
64	21	21	ψ Vir	4.8	1853	zc	75	206	23	+0.85
65	VI 14	20	14 Sex	6.2	1482	zc	45	261	13	+0.31
66	15	21	55 Leo	5.9	1587	zc	171	263	6	+0.41
67	27	2	46 Cap	5.1	3185	oc	251	179	27	-0.82
68	28	1	Situla = κ Aqu	5.0	3320	oc	325	148	31	-0.73
69	VII 3	0	ο Ari	5.8	403	oc	276	76	9	-0.23
70	3	1		6.7	413	oc	261	92	22	-0.22
71	5	1	Ain = ε Tau	3.5	668	zj	30	71	10	-0.09
72	5	2	Ain = ε Tau	3.5	668	oc	306	76	13	-0.09
73	27	22	60 Psc	6.0	98	oc	236	100	15	-0.68
74	VIII 1	0		6.6	617	oc	265	77	14	-0.28
75	1	10	Ain = ε Tau	3.5	668	oc	318	256	33	-0.25
76	17	21		6.3	2724	zc	99	205	16	+0.86
77	27	0		6.4	450	oc	251	119	38	-0.63
78	28	3		5.9	593	oc	281	161	53	-0.52
79	29	0		6.0	718	oc	224	92	25	-0.44
80	29	2	97 Tau (V480)	5.1	730	oc	200	129	46	-0.43
81	30	3		7.3	862	oc	226	123	43	-0.34
82	30	3	127 Tau	6.7	863	oc	223	126	45	-0.33
83	31	0		7.5	5703	oc	235	79	14	-0.26
84	31	0		7.7	5715	oc	288	79	15	-0.26
85	IX 2	1		7.8	7580	oc	261	76	7	-0.11
86	2	2		7.6	7618	oc	309	83	13	-0.11
87	8	14	Spica = α Vir	1.0	1925	zc	79	201	26	+0.10
88	8	15	Spica = α Vir	1.0	1925	oj	322	217	21	+0.11
89	10	17	28 Lib	6.2	2192	zc	115	226	10	+0.28
90	14	18	45 Sgr	5.8	2828	zc	123	181	21	+0.73
91	14	19	ρ Sgr	3.9	2826	zc	4	187	21	+0.73
92	14	19	ρ Sgr	3.9	2826	oj	327	193	20	+0.73
93	21	1	ε Psc	4.3	146	oc	223	214	39	-0.97
94	22	4		6.1	290	oc	281	248	30	-0.92
95	23	4	σ Ari	5.5	422	oc	229	238	39	-0.85
96	24	4		7.1	532	oc	243	219	48	-0.78
97	24	23		6.9	663	oc	202	107	34	-0.70
98	27	2		6.6	943	oc	296	126	44	-0.50

Nr	UT	Gda	Gru	Kra	Kro	Łód	Lub	Ols	Poz	Szc	War	Wro	Zie
	h	m	m	m	m	m	m	m	m	m	m	m	m
50	17			25.1	28.4		28.7	24.3			25.6		
51	22	49.6	51.3	58.2	58.9	54.8	55.9	50.9	53.2	50.7	54.0	55.9	54.0
52	17	41.7	41.7	43.3	45.1	42.4	45.2	43.2	40.2	38.5	43.7	40.5	39.2
53	2	14.8	16.5	24.2	26.4	20.4	23.9	17.3	17.1	13.3	20.8	19.7	16.8
54	23	12.1	10.8	06.3	08.4	08.8	12.3	13.5	06.6	05.6	11.7	04.2	03.8
55	19	08.3	09.3	13.4	13.5	11.3	11.4	08.8	10.9	09.8	10.5	12.6	11.7
56	20	50.3	51.3	54.9	55.0	53.1	53.2	50.8	52.6	51.5	52.4	54.1	53.3
57	18				19.0		20.2						
58	20	05.8	07.0	13.0	14.9	10.0	13.3	08.2	06.9	03.3	10.7	08.9	06.3
59	19	48.2	49.8	57.4	59.6	53.6	57.2	50.9	50.2	46.1	54.1	52.7	49.8
60	18	42.3	41.2	39.0	41.9	40.2	45.0	44.6	36.7	34.5	43.3	35.3	33.9
61	19			16.4	17.3		16.0						
62	21	34.7	35.9						38.1	37.2			39.2
63	18				45.0		43.6						
64	21	17.2	18.0	22.0	25.1	20.1	25.1	20.3	15.8	11.8	22.1	16.7	13.9
65	20	20.8	21.5	24.9	26.2	23.2	25.4	22.5	21.0	18.4	23.9	22.2	20.4
66	21								39.1	36.2			40.3
67	1	65.3	65.2	65.2	67.4	65.3	69.2	67.5	62.2	59.7	67.6	61.7	60.1
68	1			05.2	12.8		12.0						
69	0	21.5	20.3	15.2	14.4	17.7	16.6	20.6	18.9	20.8	18.2	17.1	18.5
70	1			58.2	58.2							59.1	60.1
71	1	44.4	42.2	33.8	32.1	37.8	35.0	41.9	40.8	44.7	38.0		
72	2	20.6	20.1	17.6	17.8	18.9	19.5	20.9	18.6	18.6	19.9	17.7	17.9
73	22	18.4	16.8	10.1	09.8	13.5	13.1	17.7	14.3	15.9	14.7	11.7	13.2
74	0	09.1	07.7	02.0	01.2	04.9	03.7	08.1	06.2	08.1	05.5	04.1	05.7
75	10	31.5	34.3	44.5	46.0	39.7	42.0	33.8	37.0	33.1	38.8	40.7	37.8
76	21											36.4	
77	0	25.9	24.5	18.9	19.6	21.9	23.4	26.4	21.1	21.2	24.0	18.7	19.2
78	3	33.6	33.7	34.7	37.7	34.5	39.6	36.5	30.5	27.0	37.2	30.1	28.0
79	23	08.7	06.4	56.5	54.8	01.7	59.5	07.1	03.7	06.6	02.7	00.2	02.7
80	2	48.2	43.8					45.7	37.2	42.7			34.5
81	2	73.1	70.6	57.9	56.7	65.1	64.9		65.7	67.5	67.8	61.1	63.3
82	3	26.7	23.9	09.3	06.9	17.8	17.3	26.3	18.6	20.6	20.9	13.5	16.0
83	0	33.6	31.5			27.0	24.4	31.7	29.5	32.6	27.6		
84	0	54.5	53.6	49.8	49.8	51.8	51.9	54.3	52.0		52.7	50.5	
85	1	39.2	37.7				32.6	37.8			34.9		
86	2	30.0	29.8	28.5	28.8	29.3	30.1	30.5	28.8	28.5	30.0	28.2	28.2
87	14	25.2	25.9	29.7	32.8	27.8	33.1	28.3	23.5	19.3	30.0	24.2	21.4
88	15	23.5	25.2	32.9	35.4	29.1	33.1	26.2	25.4	21.3	29.7	27.8	24.8
89	17			56.0	58.4		56.6						
90	18	44.4	45.1	50.4	54.7	47.7	54.2	47.8	42.7	38.3	50.1	43.7	40.5
91	19		14.7	06.0	06.6	09.2	09.3	14.5	11.5		10.5	07.0	10.5
92	19			40.3	45.2							30.2	
93	1	32.7	32.2	29.4	30.5	31.2	33.5	34.1	29.3	27.9	33.2	27.9	27.4
94	4	22.7	24.4						24.8	21.2		26.9	24.4
95	4	21.9	21.9	20.6	22.4	21.8	24.8	23.8	19.3	17.2	23.8	18.3	17.3
96	3	60.2	60.3	60.3		60.7			57.3	54.5		56.6	55.1
97	22	71.1	67.8			59.6		68.5	63.8	68.2	60.8	57.8	62.3
98	1	65.1	65.0	64.7	67.0	65.1	69.1	67.3	62.1	59.7	67.4	61.4	60.1

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
99	IX 28	11	λ Gem	3.6	1106	oc	290	275	17	-0.38
100	X 1	1	ω Leo	5.5	1397	oc	298	89	10	-0.15
101	9	17		6.3	2456	zc	119	225	4	+0.25
102	13	23	v Aqu	4.5	3093	zc	37	247	4	+0.72
103	16	0		6.2	3370	zc	14	244	17	+0.89
104	17	1	25 Psc	6.3	3515	zc	96	247	19	+0.95
105	18	2	60 Psc	6.0	98	zc	100	262	15	+0.99
106	22	18	97 Tau (V480)	5.1	730	oc	346	70	8	-0.86
107	23	23		6.8	886	oc	206	114	38	-0.77
108	24	4		7.1	904	oc	302	221	49	-0.75
109	24	23	26 Gem	5.2	1029	oc	230	113	37	-0.68
110	26	1	68 Gem	5.3	1147	oc	239	121	39	-0.58
111	27	23	κ Cnc	5.2	1359	oc	340	88	12	-0.40
112	29	3		7.6	1469	oc	250	124	29	-0.29
113	30	1	36 Sex	6.3	1566	oc	261	98	8	-0.21
114	30	2		7.5	8495	oc	315	112	18	-0.21
115	XI 1	4		8.2	8811	oc	286	118	11	-0.06
116	2	5	Spica = α Vir	1.0	1925	zj	138	122	8	-0.02
117	2	6	Spica = α Vir	1.0	1925	oc	267	135	15	-0.02
118	5	16		5.6	2401	zc	56	235	3	+0.06
119	7	17		6.9	1842	zc	112	220	8	+0.22
120	7	17		6.8	2733	zc	116	228	4	+0.22
121	10	19	46 Cap	5.1	3185	zc	111	226	19	+0.56
122	11	20	Situla = κ Aqu	5.0	3320	zc	5	224	26	+0.67
123	14	15	ε Psc	4.3	146	zc	37	97	15	+0.91
124	16	18	σ Ari	5.5	422	zc	58	116	35	+0.99
125	17	2		6.4	450	zc	61	260	27	+0.00
126	18	20	SZ Tau	6.5	697	oc	244	124	46	-0.98
127	19	2		6.0	718	oc	255	246	41	-0.98
128	19	5	97 Tau (V480)	5.1	730	oc	292	279	17	-0.98
129	20	5	127 Tau	6.7	863	oc	318	263	29	-0.94
130	21	21		6.5	1091	oc	284	106	34	-0.83
131	22	0	λ Gem	3.6	1106	zj	147	160	54	-0.83
132	22	1	λ Gem	3.6	1106	oc	239	185	55	-0.82
133	23	5		6.5	1237	oc	300	245	36	-0.74
134	23	21	50 Cnc = A2 Cnc	5.9	1318	oc	316	84	10	-0.67
135	24	2	60 Cnc	5.4	1332	oc	357	159	51	-0.66
136	25	1		7.2	7836	oc	320	125	34	-0.57
137	27	1	69 Leo	5.4	1623	oc	235	109	13	-0.37
138	29	3		6.9	1859	oc	275	131	15	-0.18
139	29	4		7.6	9078	oc	358	135	17	-0.18
140	29	5		7.4	1868	oc	301	150	23	-0.17
141	30	4		7.0	8203	oc	255	127	9	-0.10
142	XII 5	14	ρ Sgr	3.9	2826	zc	37	198	16	+0.10
143	5	15	ρ Sgr	3.9	2826	oj	294	211	13	+0.10
144	6	16		7.3	3564	zc	148	213	15	+0.18
145	6	16		7.9	3584	zc	108	217	14	+0.18
146	9	19		6.9	3420	zc	101	219	28	+0.51
147	11	22	ε Psc	4.3	146	zc	90	250	23	+0.73

Nr	UT	Gda	Gru	Kra	Kro	Łód	Lub	Ols	Poz	Szc	War	Wro	Zie
	h	m	m	m	m	m	m	m	m	m	m	m	m
99	11	07.8	09.5	15.7		12.6		08.9	11.4	09.3	11.7	13.8	12.2
100	1	55.9	55.1	51.7	51.7	53.5	53.6	55.7	53.7	54.5	54.3	52.4	53.1
101	17	54.1	55.8	63.9	66.8	59.8	64.3	57.0	55.8	51.5	60.5	58.3	55.0
102	23								08.8	08.9		08.7	08.6
103	0			11.0					13.7			11.5	12.7
104	1									15.2			18.6
105	2								48.1	45.4		50.4	48.4
106	18		45.0	49.7	50.4	48.9	50.7	47.3			49.6		
107	22	69.8	65.5					67.1	59.4	65.0			57.0
108	4	23.0	24.9	32.7	35.6	29.0	33.6	26.2	24.7	20.0	29.9	27.1	23.8
109	23	53.8	51.1	37.7	36.1	45.4	44.7	53.2	46.4	48.6	48.0	41.5	44.0
110	0	64.2	61.9	50.5	50.4	57.0	58.1	64.4	56.8	58.0	60.1	52.3	54.0
111	23	49.3	50.1	51.6	52.3	51.2	52.5	50.6	50.0	48.6	51.6	50.5	49.8
112	3	10.8	08.8				07.3	11.6			08.2		
113	1	42.0	40.3	32.6	32.1	36.7	36.4	41.4	37.6	39.4	38.2	34.6	36.3
114	2	50.2	50.0	49.3	50.3	49.8	51.4	51.0	48.7	48.0	50.8	48.2	47.8
115	4	27.7	26.8	23.1	23.9	25.1		28.1	24.4	24.6	26.6	22.8	23.1
116	5	30.2	30.0	30.7		30.2		30.6	29.5	29.0	30.6	29.8	29.3
117	6	27.9	26.9	22.7	24.5	25.0	28.0	29.1	23.2	22.5	27.5	21.0	20.9
118	16			15.0	16.0								
119	17	13.6	15.2	23.2	26.6	19.1	24.1	16.7	14.7	10.2	20.2	17.0	13.7
120	17	53.6	55.5	64.8		59.9			55.7	51.1		58.4	55.0
121	19	39.3	40.7	48.5	52.1	44.3	49.7	42.4	40.0	35.5	45.6	42.1	38.7
122	20			15.2	14.9	20.1	18.2				21.1	18.4	
123	15	11.5	09.6	02.3	01.8	06.0	05.2	10.4	07.2	09.4	07.1	04.4	06.2
124	18	36.9	35.3	29.5	30.2	32.4	33.7	37.0	32.0	32.8	34.3	29.5	30.2
125	2	31.5						33.1					
126	20	47.9	46.6	41.3	42.3	44.2	46.3	48.8	43.0	42.7	46.5	40.6	41.0
127	2	23.3	24.3	28.4	30.9	26.6	30.6	25.9	23.0	19.4	28.0	24.1	21.7
128	5	03.6	05.4	12.1	12.8	08.9	09.9	04.9	07.5	05.2	08.0	10.0	08.3
129	5	00.5	02.9						05.5	02.5		08.7	06.4
130	21	51.7	51.0	48.3	49.4	49.8	51.9	52.6	48.6	47.9	51.6	47.3	47.1
131	0	44.1	45.4	54.2	57.8	49.3	54.9	47.4	44.5	39.8	50.6	47.3	43.5
132	1	52.6	51.8	48.3	51.6	50.7	56.2	55.3	46.8	44.2	54.4	44.4	43.2
133	5	38.8	40.7	48.5		44.7	48.2	41.4	41.3	37.3	45.0	43.9	40.9
134	21				12.2		12.8				12.6		
135	2			21.4	24.0							14.6	08.6
136	0			58.7	60.6	57.6	60.8				58.8		
137	0	68.3	65.1			56.9	56.3	67.6	58.5	61.9	61.2		54.1
138	3	58.9	57.9	54.1	55.6	56.1	58.7	59.8	54.6	54.1	58.4	52.7	52.6
139	4	21.2	22.9	28.3	29.3	25.9	27.1	22.2	24.6	23.0	25.3	26.2	24.9
140	5									40.5			41.2
141	4	24.5	22.9	16.4	17.8	20.0	22.3	25.1	18.7	18.9	22.6	15.6	16.2
142	14	24.0	23.8		25.8	24.0	26.8	25.3			25.5		
143	15	16.9	18.3	24.6	27.4	21.7	26.4	20.2	17.3	12.5	23.1	19.2	15.9
144	16	22.3								14.3			
145	16	38.3	39.8			43.9			39.0	34.3		41.4	37.8
146	18	64.0	65.5	75.0	79.2	69.8	76.0	67.4	64.8	59.8	71.2	67.4	63.4
147	22	29.2	30.7	37.9	39.7	34.1	37.0	31.3	31.3	27.8	34.3	33.8	31.1

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
148	XII 14	2	σ Ari	5.5	422	zc	71	282	10	+0.90
149	15	19		6.8	643	zc	63	134	47	+0.98
150	18	2		6.6	943	oc	306	247	40	-0.99
151	18	21		6.8	1057	oc	322	126	43	-0.98
152	20	21		6.3	1281	oc	0	105	29	-0.89
153	21	5	50 Cnc = A2 Cnc	5.9	1318	oc	355	256	24	-0.87
154	22	3	ω Leo	5.5	1397	oc	287	198	44	-0.81
155	22	22	16 Sex	6.6	1489	oc	345	111	22	-0.74
156	26	6	28 Vir	6.8	1822	oc	309	201	27	-0.43

Nr	UT	Gda	Gru	Kra	Kro	Łód	Lub	Ols	Poz	Szc	War	Wro	Zie
	h	m	m	m	m	m	m	m	m	m	m	m	m
148	2									38.7			
149	19	25.7	24.3	20.0	22.0	22.1	25.2	26.7	20.3	19.9	24.7	18.2	18.0
150	2		17.8	26.8	28.8	22.4			19.2	15.1	22.2	22.3	19.3
151	21	18.1	19.1	22.4	25.2	21.1	25.8	21.2	17.3	13.8	23.0	18.0	15.7
152	20			67.2	70.2		64.6					57.4	
153	5	53.2	56.1	66.8	67.3	61.5	62.1	54.3	60.1	57.4	59.5	64.2	61.9
154	2	63.0	64.0	69.1	72.5	66.7	72.0	66.2	62.2	57.9	68.6	63.4	60.4
155	22	47.4	48.8	52.7	54.1	51.1	53.5	49.3	49.1	46.8	51.6	50.1	48.7
156	6									38.9			