

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
1	I 6	16		8.0	3957	zc	11	233	7	+0.05
2	7	15		6.1	3169	zc	124	212	20	+0.10
3	7	16		8.2	4565	zc	34	228	18	+0.10
4	8	16		7.3	3290	zc	32	221	24	+0.17
5	9	15		7.4	6526	zc	29	201	34	+0.24
6	9	18		7.6	3410	zc	59	243	19	+0.25
7	10	18		6.9	3524	zc	99	238	27	+0.34
8	11	19		6.5	89	zc	111	232	35	+0.43
9	13	15	20 H1. Ari	6.4	317	zc	29	133	45	+0.61
10	14	20		6.4	459	zc	97	219	53	+0.72
11	14	23	ζ Ari	4.9	472	zc	81	267	29	+0.73
12	15	15	32 Tau	5.6	582	zc	97	108	41	+0.80
13	16	15		6.6	734	zc	145	94	32	+0.88
14	16	17	99 Tau	5.8	742	zc	21	125	53	+0.88
15	17	20	1 Gem	4.3	916	zc	57	169	60	+0.95
16	18	0	3 Gem	5.8	929	zc	22	242	47	+0.95
17	18	0	4 Gem	6.9	931	zc	57	244	46	+0.95
18	18	1	6 Gem (BU)	6.5	942	zc	55	256	39	+0.95
19	18	2		6.1	5102	zc	116	269	29	+0.96
20	18	2	Propus = η Gem	3.5	946	zc	116	269	29	+0.96
21	20	19		6.5	1344	oc	307	106	28	-0.98
22	21	1		6.5	1364	oc	248	222	41	-0.98
23	22	22	55 Leo	5.9	1587	oc	270	129	26	-0.87
24	23	2	62 Leo	6.0	1605	oc	4	197	35	-0.85
25	23	23		5.6	1713	oc	296	130	20	-0.77
26	26	1	83 Vir	5.6	1967	oc	16	138	13	-0.55
27	27	5		6.6	2108	oc	230	177	15	-0.42
28	28	2		6.3	2235	oc	316	138	6	-0.33
29	28	2		5.8	2227	oc	295	132	3	-0.33
30	II 7	18	45 Psc	6.8	51	zc	96	248	25	+0.18
31	8	17		7.9	2279	zc	80	226	41	+0.26
32	8	19		6.9	177	zc	92	255	26	+0.26
33	10	18		7.0	411	zc	111	227	49	+0.44
34	11	18		7.3	6050	zc	105	202	57	+0.54
35	11	23		6.1	566	zc	61	288	15	+0.56
36	12	16		7.1	6636	zc	80	139	58	+0.64
37	12	19		6.0	693	zc	94	208	58	+0.65
38	13	23		6.6	859	zc	72	260	36	+0.76
39	13	23		6.2	865	zc	87	268	31	+0.76
40	14	14	Tejat = μ Gem	2.9	976	zc	56	79	20	+0.82
41	14	14	Tejat = μ Gem	2.9	976	oj	307	88	27	+0.82
42	14	17		7.0	997	zc	34	130	55	+0.83
43	14	19		7.2	8508	zc	97	163	58	+0.83
44	14	22		6.1	1021	zc	57	229	51	+0.84
45	15	17		6.7	1135	zc	92	106	36	+0.91
46	15	21		6.9	1151	zc	133	192	55	+0.91
47	16	1	81 Gem	4.9	1175	zc	42	266	26	+0.92
48	16	2	81 Gem	4.9	1175	oj	15	272	21	+0.92
49	20	0	87 Leo	4.8	1670	oc	311	173	33	-0.96

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	16	16.9	16.0	14.0	14.2	14.8	14.8	16.1	15.2	16.5	15.1	14.2	14.8
2	15	19.0	22.4					26.3	21.3				
3	16			18.2	19.0		19.8						
4	16	48.3	48.1	48.3	49.7	48.1	50.2	49.2	46.6	45.6	49.2	46.2	45.5
5	15	47.9	47.0	44.9	46.6	45.9	48.6	48.8			47.8		
6	18	49.5	50.2	53.9	55.3	51.9	54.0	50.8	49.9	47.8	52.3	51.0	49.4
7	18	58.0	60.0	70.9	74.1	65.0	69.6	61.0	60.6	55.8	65.2	64.2	60.2
8	19	06.3	08.8	25.4	31.2	15.5	21.9	10.1	09.8	03.5	15.8	14.8	09.3
9	15	15.2	13.1		06.0	09.2	10.1	14.8	09.4		11.3		
10	20	17.6	18.8	25.9	29.0	22.2	27.1	20.7	17.8	13.2	23.5	19.9	16.4
11	23	18.5	19.6	24.8	25.8	22.2	24.0	20.0	20.3	17.8	22.2	22.2	20.3
12	15	60.1	59.2	57.8	60.2	58.4	62.1	61.3	56.0	55.1	60.6	54.9	54.1
13	15	50.7	52.6					55.5	51.2	45.3			49.2
14	17			55.0	55.1	62.2	61.5		65.7		65.2	57.9	62.7
15	20	62.8	61.4	59.2	62.0	60.2	64.8	64.7	56.8	54.9	63.3	55.3	54.0
16	0			11.6	15.5				10.9	08.2		06.6	05.0
17	0	20.2	20.4	22.7	25.2	21.5	25.9	22.9	17.9	14.5	23.6	18.3	16.1
18	1	12.1	12.3	15.0	17.1	13.7	17.4	14.5	10.6	07.4	15.3	11.3	09.2
19	2	12.8	14.4	20.6	21.2	17.5	18.6	14.1	16.1	13.9	16.8	18.5	16.8
20	2	12.8	14.4	20.6	21.2	17.5	18.6	14.1	16.1	13.9	16.8	18.5	16.8
21	19	61.3	61.2	60.7	62.0	61.2	63.4	62.5	59.5	58.4	62.5	59.0	58.4
22	1	47.5	47.9				55.2	50.8			52.1		
23	22	57.5	56.7	53.8	55.7	55.5	58.7	58.9	53.3	52.3	57.8	51.6	51.1
24	2		49.8	61.6	61.9	56.1			55.5	53.2		59.2	57.1
25	23	40.1	39.9	39.3	41.0	39.7	42.3	41.3	37.9	36.8	41.2	37.3	36.6
26	1											27.0	
27	5	20.1	20.1	20.5	24.3	20.6	26.6	23.4	15.6	11.4	23.9	14.6	12.0
28	2			48.4	49.2	48.8	49.8				49.4	47.5	
29	2				09.2		10.8						
30	18	10.2	12.0	21.0	23.1	16.2	19.4	12.5	13.0	09.0	16.2	16.0	12.9
31	17	16.3	17.4	23.2	26.2	20.3	24.8	19.1	16.3	12.2	21.6	17.9	14.9
32	19	13.3	14.8	22.2	23.8	18.4	20.8	15.3	15.8	12.5	18.2	18.5	15.9
33	18	34.8	36.7	47.5	50.7	41.8	46.8	38.2	37.0	31.5	42.5	40.5	36.2
34	18	11.7	13.0	20.7	24.3	16.5	22.2	15.1	11.7	06.7	18.2	13.8	10.1
35	23	46.0	46.7	49.6		48.2		46.6	47.5	46.3	47.8	48.6	47.8
36	16	18.6	17.4	14.5	16.8	15.9	19.5	20.0			18.5		
37	19	16.7	17.6	23.1	26.1	20.3	25.2	19.6	16.1	11.8	22.0	17.5	14.5
38	23	11.0	11.9	16.3	17.9	14.1	16.8	12.9	11.6	08.7	14.8	13.1	11.0
39	23	46.7	48.0	53.2	54.2	50.6	52.4	48.2	48.7	46.2	50.5	50.6	48.8
40	13	62.9	61.0	54.0	53.4	57.4	56.3	61.5	58.9	61.5	58.2	56.2	58.2
41	14	52.4	51.9	50.2	51.0	51.2	53.0	53.3	50.0	49.3	52.6	49.2	48.9
42	17			39.2	39.7	52.7	49.4					42.5	
43	19	24.9	25.1	28.0	31.0	26.5	31.3	27.6	22.6	19.2	28.7	23.0	20.6
44	22	13.7	13.3	14.7	17.7	14.0	19.1	16.7	09.8	06.2	16.7	09.9	07.5
45	17	09.5	08.5	05.9	07.4	07.1	09.4	10.3	05.7	05.2	08.9	04.2	04.0
46	21	29.2	30.6	37.8	40.3	34.2	38.2	32.0	30.5	26.4	35.0	32.9	29.8
47	1		57.4	56.5	58.8	56.3			52.6	49.3		52.7	50.7
48	2		02.9										
49	0	13.3	14.1	18.4	20.8	16.3	20.0	15.4	13.2	10.2	17.4	14.3	12.1

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
50	22	5	75 Vir	5.5	1944	oc	346	223	12	-0.79
51	25	1	19 Sco	4.6	2347	oc	302	136	2	-0.48
52	26	3	θ Oph	3.3	2500	oc	224	143	4	-0.37
53	26	3		6.4	2499	oc	247	143	5	-0.37
54	28	3		6.4	2802	oc	294	129	3	-0.19
55	III 10	17	τ Ari	5.3	486	zc	37	229	50	+0.28
56	10	18		7.5	5906	zc	98	245	42	+0.28
57	10	19	65 Ari	6.1	492	zc	158	265	30	+0.28
58	11	11	37 Tau = A Tau	4.4	599	zc	148	98	34	+0.35
59	11	23	υ Tau	4.3	660	zc	67	294	11	+0.39
60	13	17		7.4	7996	zc	88	175	61	+0.58
61	13	21		6.1	5102	zc	51	255	39	+0.59
62	13	21	Propus = η Gem	3.5	946	zc	51	255	39	+0.59
63	13	22	Propus = η Gem	3.5	946	oj	336	264	33	+0.59
64	14	16	Mekbuda = ζ Gem	4.0	1077	zc	127	137	51	+0.68
65	14	17	Mekbuda = ζ Gem	4.0	1077	oj	259	163	56	+0.68
66	15	16	3 Cnc	5.6	1207	zc	150	123	46	+0.78
67	15	22		6.0	1238	zc	62	245	37	+0.80
68	16	17		6.5	1344	zc	72	119	38	+0.87
69	16	22		6.5	1364	zc	124	227	40	+0.88
70	18	23	62 Leo	6.0	1605	zc	77	200	35	+0.99
71	20	22		6.0	1852	oc	312	154	22	-0.97
72	21	0		6.3	1858	oc	305	180	25	-0.97
73	24	4		5.9	2305	oc	344	196	12	-0.74
74	26	1	4 Sgr	4.7	2589	oc	347	139	6	-0.54
75	26	3		5.4	2602	oc	206	157	10	-0.54
76	IV 5	19		7.5	2911	zc	45	293	5	+0.04
77	6	18		7.5	3309	zc	134	277	21	+0.09
78	7	19	37 Tau = A Tau	4.4	599	zc	99	274	25	+0.15
79	7	19		7.9	6439	zc	105	278	22	+0.15
80	7	19	39 Tau	5.9	601	zc	117	278	22	+0.15
81	7	20		7.9	6456	zc	132	285	16	+0.15
82	7	20	37 Tau = A Tau	4.4	599	oj	261	286	16	+0.15
83	9	19		7.2	7710	zc	95	257	38	+0.32
84	9	22	141 (Tau)/Ori	6.4	911	zc	46	294	10	+0.33
85	15	18		6.8	1655	zc	68	147	31	+0.92
86	15	21	87 Leo	4.8	1670	zc	73	192	33	+0.93
87	27	2		6.8	3216	oc	226	116	9	-0.31
88	V 6	19		7.7	7418	zc	66	287	16	+0.12
89	6	19	175 H1. Tau	6.4	861	zc	21	290	13	+0.12
90	7	21		7.4	8632	zc	149	290	11	+0.20
91	12	21	66 Leo	6.8	1620	zc	150	227	25	+0.73
92	14	18		6.0	1852	zc	79	156	23	+0.90
93	14	20		6.3	1858	zc	85	182	24	+0.90
94	20	1	1 Sgr	5.0	2630	oc	210	190	12	-0.91
95	20	23	o Sgr	3.8	2779	oc	225	142	7	-0.85
96	VI 11	19	75 Vir	5.5	1944	zc	108	184	22	+0.80
97	15	18		8.5	5494	oc	213	133	1	E0.50
98	15	19		8.6	5501	oc	280	137	2	E0.00

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	5								26.1	22.0		29.1	26.0
51	1	44.0	43.5	42.1	43.1	42.8	44.4	44.6	41.8		44.0	40.9	40.7
52	3	24.9	23.7	19.2	21.8	21.7	26.0	26.7	18.7	17.2	25.0	16.1	15.4
53	3	22.0	20.9	17.9	20.1	19.6	23.2	23.5	17.1		22.2	15.2	14.6
54	3				30.1								
55	17	23.5	22.6	21.4	23.8	21.8	25.7	25.2	18.8	16.9	24.3	17.8	16.4
56	18	18.9	20.5	27.8	29.9	24.0	27.4	21.4	20.7	16.7	24.4	23.2	20.2
57	19	16.7						19.2					
58	11	48.0								39.8			
59	23	04.1	04.9	07.9	07.8	06.4	06.3	04.4	06.2	05.4	05.8	07.5	06.8
60	17	38.1	38.0	39.9	43.0	38.9	44.0	40.8	35.0		41.4	34.9	32.7
61	21	37.5	37.6	39.7	41.9	38.5	42.7	40.1	35.1	31.9	40.6	35.7	33.5
62	21	37.5	37.6	39.7	42.0	38.5	42.7	40.2	35.2	31.9	40.6	35.7	33.5
63	22	06.7	09.5	19.6	19.8	14.7	14.7	07.4	13.8	11.4	12.4	17.6	15.6
64	16	54.6	55.2	60.3	63.4	57.5	62.3	57.2	53.6	50.0	59.2	54.9	52.1
65	17	65.0	64.8	64.1	67.1	64.8	69.8	67.6	61.1	58.4	67.7	60.0	58.4
66	16				32.5		31.6						
67	22	64.3	64.9	68.5	71.0	66.8	71.2	67.2	63.0	59.2	68.6	64.1	61.6
68	17	14.2	11.3	03.7	05.0	07.1	09.4	14.2			10.1		
69	22	56.9	58.5	65.3	67.2	61.9	65.0	59.2	59.0	55.5	62.2	61.3	58.7
70	23	32.9	33.3	36.7	40.1	35.1	40.9	36.3	30.5	26.3	37.7	31.1	28.3
71	22	28.4	28.7	30.8	32.7	29.8	32.8	30.0	27.4	25.3	31.0	27.7	26.3
72	0	08.8	09.5	13.4	15.9	11.5	15.4	11.1	08.2	05.1	12.9	09.1	06.9
73	4									12.2		20.4	16.5
74	1			28.3	27.2							28.3	
75	3	22.0	20.9	16.9	19.4	19.3	23.4	24.0	16.2	14.2	22.5	13.9	13.0
76	19									31.7			32.3
77	18				08.9								
78	19	13.3	14.8	20.7	21.4	17.8	18.8	14.5	16.5	14.3	17.1	18.7	17.0
79	19	31.4	32.9	38.9	39.3	35.9	36.5	32.4	34.8	32.9	35.0	37.2	35.7
80	19	33.2	34.9	41.7	41.9	38.2	38.7	34.1	37.3	35.4	37.0	40.1	38.6
81	20	09.7	11.6					10.2	14.8	13.4			16.6
82	20									13.8			
83	19	32.4	33.8	40.0	41.5	36.9	39.4	34.4	34.4	31.3	37.1	36.5	34.3
84	22	44.5	44.9	46.8	47.0	45.9	46.3	45.1	45.3	44.3	45.8	46.1	45.4
85	18			31.3	33.8	33.3	37.8				36.8		
86	21	44.1	44.2	46.6	50.2	45.5	51.8	47.7	40.6	36.3	48.6	40.8	38.0
87	2			20.8	21.3					23.8		21.1	21.9
88	19			42.4	42.8	40.4	41.2	38.3	39.4		40.0	40.9	
89	19	53.9	53.4	53.8	54.8	53.5	55.7	55.8	51.7	50.0	54.9	52.0	50.9
90	21	18.8	20.4					18.9	23.6	22.8			25.3
91	21		37.6	45.0		41.2			38.6	35.3		41.2	38.7
92	18			29.3	31.8		34.7				33.1		
93	20	09.8	09.9	11.7	14.8	10.9	16.0	12.6	07.0	03.6	13.4	07.0	04.8
94	1	41.6	41.4	40.2	41.6	41.1	43.6	43.2	38.8	36.9	42.8	38.1	37.0
95	22	64.1	62.8	57.8	59.6	60.6	63.5	65.3	58.7	58.0	63.2	56.2	56.0
96	19			06.8	09.6	05.4	09.9				07.3	02.3	
97	18				47.8		54.1						
98	19	23.2	22.3	19.1	20.3	20.8	22.8	24.0	19.6		22.6	18.1	18.0

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
99	17	2	28 Sgr	5.4	2725	oc	228	210	11	-0.98
100	22	23	16 Psc	5.7	3482	oc	214	100	10	-0.55
101	29	7	τ Tau	4.3	709	oc	322	131	52	-0.05
102	VII 9	20		6.4	2045	zc	93	215	14	+0.68
103	12	21	39 Oph	5.2	2490	zc	89	182	12	+0.93
104	16	23	9 Aqu	6.6	3072	oc	270	166	26	-0.97
105	17	21	47 Cap (AG)	6.0	3187	oc	297	126	14	-0.93
106	17	23		6.5	3199	oc	247	160	26	-0.92
107	19	0	Situla = κ Aqr	5.0	3320	oc	208	155	30	-0.86
108	23	1	104 Psc	6.7	244	oc	296	121	38	-0.51
109	24	22	Botein = δ Ari	4.4	465	oc	241	64	5	-0.33
110	25	23	39 Tau	5.9	601	oc	342	61	5	-0.24
111	26	9	κ Tau	4.2	656	oc	225	242	46	-0.21
112	27	2		7.1	6962	oc	234	80	21	-0.15
113	VIII 9	20	4 Sgr	4.7	2589	zc	126	192	12	+0.84
114	11	21	57 Sgr	5.9	2902	zc	111	175	18	+0.96
115	19	0		7.0	197	oc	273	135	42	-0.76
116	19	23		7.1	313	oc	189	112	34	-0.68
117	21	8	Botein = δ Ari	4.4	465	oc	205	262	30	-0.56
118	21	22	22 H1. Tau	6.1	534	oc	257	71	12	-0.50
119	24	2		7.7	7418	oc	317	100	36	-0.28
120	24	2	175 H1. Tau	6.4	861	oc	349	99	37	-0.29
121	25	1		7.9	1010	oc	248	77	16	-0.20
122	26	1		8.0	1142	oc	260	75	12	-0.12
123	26	2		8.1	7018	oc	267	77	13	-0.12
124	27	2		8.5	7867	oc	229	76	7	-0.05
125	IX 12	22	16 Psc	5.7	3482	oc	242	176	39	-0.00
126	18	4	14 H1. Tau	6.5	525	oc	281	212	54	-0.73
127	18	21	51 Tau	5.6	631	oc	254	72	13	-0.66
128	18	21	56 Tau (V724)	5.3	634	oc	287	78	18	-0.66
129	18	23		7.1	6593	oc	229	103	37	-0.65
130	19	0	67 Tau	5.3	657	oc	334	113	45	-0.65
131	19	22	108 Tau	6.3	784	oc	286	82	22	-0.56
132	20	0	109 Tau	5.0	792	oc	221	102	37	-0.55
133	21	0		7.0	8129	oc	348	96	34	-0.45
134	22	0		7.3	1084	oc	294	87	22	-0.35
135	22	23	5 Cnc	6.0	1210	oc	282	67	3	-0.25
136	X 6	17	9 Aqr	6.6	3072	zc	97	157	21	+0.75
137	7	16	47 Cap (AG)	6.0	3187	zc	55	133	17	+0.83
138	7	19		6.5	3199	zc	103	168	27	+0.84
139	8	20	Situla = κ Aqr	5.0	3320	zc	122	178	33	+0.90
140	8	22		6.4	3326	zc	66	216	27	+0.91
141	9	23	κ Psc	5.0	3453	zc	82	224	30	+0.96
142	10	0	9 Psc	6.3	3455	zc	136	230	27	+0.96
143	15	1	87 Aqr	6.9	3394	oc	251	186	57	-0.92
144	15	3		6.8	489	oc	218	232	47	-0.92
145	16	5	51 Tau	5.6	631	oc	248	251	40	-0.86
146	18	1		6.9	905	oc	264	146	55	-0.70
147	19	4		7.4	6312	oc	263	183	56	-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
99	2												11.5
100	23	34.4	32.5	24.9	24.4	28.8	28.2	33.5	29.7	31.6	30.1	26.8	28.4
101	7	19.8	21.5	27.6	31.1	25.2	31.3	24.1	19.9	13.9	27.4	21.5	17.9
102	20											22.5	
103	21	11.3	11.7	14.5	17.5	13.2	18.0	14.0	09.2	05.7	15.3	09.6	07.2
104	23			14.1	17.2								
105	21			05.3	06.9		09.5				09.0		
106	23	04.4	03.8	02.0	04.2	03.1	06.8	06.3	00.2	58.2	05.6	59.1	57.8
107	0	32.4	30.9	25.0	25.3	28.2	29.1	32.7	27.5	27.6	30.2	25.1	25.6
108	1	49.3	48.9	47.8	50.3	48.7	53.1	51.9	45.1	42.2	51.5	44.2	42.5
109	22	50.8	49.3	43.0	41.6	46.2	43.9	49.1	48.3	51.0	46.3	46.2	48.2
110	23				05.9								
111	9	63.7	63.8	63.2	65.7	64.1	68.1	66.0	60.8	58.1	66.4	59.7	58.3
112	2			04.8								07.9	10.1
113	20	48.1	49.3	57.2	62.1	53.0	60.4	52.0	47.3	42.1	55.4	49.2	45.3
114	21	19.8	20.4	25.4	30.3	22.8	30.3	23.6	17.3	12.8	25.7	18.0	14.7
115	0	32.6	31.9	29.6	32.0	31.0	35.0	34.7	28.0	25.8	33.8	26.6	25.4
116	23	26.8	24.1					24.5			18.9		
117	8	41.7	41.4	36.2	38.1	40.2	43.0	43.0	38.1	36.9	42.5	35.2	35.4
118	22	14.4	13.0	07.0	06.0	09.9	08.5	13.1	11.6	13.8	10.4	09.4	11.1
119	2			32.4	34.4	32.0			28.8			29.1	27.2
120	2				14.1								
121	1	26.0	24.2	16.5	15.1	20.5	18.7	24.6	22.2	24.7	21.2	19.5	21.6
122	1	37.9	36.5		29.2	33.5	31.8	36.7			33.9		
123	2	12.7	11.3	05.4	04.6	08.5	07.5	11.8	09.6	11.3	09.2	07.5	08.9
124	2				20.1								
125	22	65.9	65.5	63.8	65.6	64.8	68.2	67.8	62.2	59.9	67.2	60.9	59.9
126	4	16.1	17.5						16.2	11.6		17.7	14.6
127	20	64.6	63.0	56.7	55.6	59.9	58.2	63.3	61.5	63.7	60.4	59.3	61.1
128	21	39.2	38.0	33.4	33.2	35.8	35.7	38.8	36.1	37.1	36.7	34.4	35.3
129	23	53.1	50.8	41.3	40.4	46.4	45.7	52.3	47.3	49.3	48.1	43.8	45.6
130	0			24.4	28.5	19.0	28.3				21.8	13.9	
131	22	56.0	54.8	50.6	50.6	52.8	53.2	55.8	52.8	53.5	53.9	51.1	51.8
132	0	40.0	37.3	23.6	20.5	31.2	28.8	38.7	33.2	36.1	33.1	28.6	31.5
133	0				38.9								
134	0	55.9	55.1	51.9	52.3	53.6	54.5	56.2	53.2	53.3	54.9	51.9	52.2
135	23	49.9	48.9	44.4	43.5	46.7	45.4	48.9	48.0	49.7	46.9	46.4	47.8
136	17	42.9	42.7	43.8	47.5	43.2	49.2	45.7	38.9	35.7	46.3	38.3	36.2
137	16				14.5		18.1	20.7			18.3		
138	19	14.9	15.5	21.1	27.3	18.0	27.0	19.1	11.8	07.2	21.5	12.5	08.9
139	20	35.2	39.0						35.8	25.1			31.2
140	22	43.4	44.2	48.3	51.0	46.2	50.2	45.8	42.8	39.6	47.6	43.7	41.4
141	23	48.6	49.8	56.4	59.4	52.9	57.4	51.3	48.9	45.0	54.0	50.8	47.8
142	0	13.1								10.2			
143	1	11.1	10.9	10.5	13.1	11.2	15.6	13.6	07.5	04.6	13.8	06.7	05.1
144	3	18.3	17.8	14.0	16.0	16.8	20.4	20.3	14.1	12.2	19.5	12.0	11.4
145	5	09.1	10.2			12.3		11.4	09.4	06.2		10.3	08.2
146	1	61.8	61.3	59.9	62.6	61.0	65.6	64.1	57.7	55.2	63.9	56.4	55.2
147	4		25.0						22.0	18.4		21.8	19.5

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
148	19	22	74 Gem	5.0	1158	oc	299	70	7	-0.52
149	23	1		6.7	1528	oc	326	92	6	-0.19
150	23	2		7.4	8314	oc	277	97	10	-0.19
151	23	3		8.1	8338	oc	326	116	25	-0.19
152	24	3		6.8	1655	oc	320	107	10	-0.10
153	31	16	ξ 2 Sgr	3.5	2759	zc	73	195	14	+0.29
154	31	17	ξ 2 Sgr	3.5	2759	oj	254	212	10	+0.30
155	XI 2	17		6.9	3027	zc	350	191	26	+0.50
156	4	20	51 Aqr	5.8	3287	zc	348	220	24	+0.70
157	6	22		6.9	3524	zc	29	229	33	+0.86
158	12	0		6.8	586	oc	299	219	57	-0.99
159	13	22		6.4	851	oc	261	114	43	-0.91
160	14	19	16 Gem	6.2	991	oc	240	78	17	-0.85
161	16	5	74 Gem	5.0	1158	oc	359	230	46	-0.75
162	17	3	29 Cnc	5.9	1271	oc	289	181	51	-0.65
163	18	3		7.2	1384	oc	237	150	43	-0.55
164	19	0	14 Sex	6.2	1482	oc	297	103	17	-0.45
165	19	2		7.3	8150	oc	324	134	33	-0.44
166	19	4	19 Sex	5.8	1495	oc	228	154	39	-0.44
167	20	1		7.3	8620	oc	299	112	16	-0.33
168	20	2	62 Leo	6.0	1605	oc	5	123	22	-0.33
169	20	2		7.6	8629	oc	312	129	25	-0.33
170	23	4		8.0	1990	oc	314	124	4	-0.06
171	23	5		7.8	8237	oc	328	131	8	-0.06
172	28	16		7.2	2854	zc	101	219	9	+0.15
173	XII 3	17	16 Psc	5.7	3482	zc	138	169	38	+0.62
174	3	23	TX Psc = 19 Psc	5.0	3501	zc	96	271	4	+0.64
175	4	21	45 Psc	6.8	51	zc	14	228	35	+0.72
176	7	21	40 Ari	5.8	415	zc	104	206	53	+0.93
177	9	1	22 H1. Tau	6.1	534	zc	32	253	38	+0.98
178	9	19		5.7	665	zc	104	117	44	+0.99
179	10	14		8.5	7004	oc	335	53	1	E0.00
180	10	14		7.8	6997	zc	17	52	1	E0.00
181	10	14		8.5	7004	zc	25	53	1	E0.00
182	10	14		8.4	7016	zc	81	53	1	E0.00
183	10	14		7.8	6997	oc	335	56	3	E0.00
184	10	15		8.4	7016	oc	273	59	5	E0.29
185	11	0	114 Tau	4.9	817	oc	266	204	57	-0.00
186	12	3	15 Gem	6.7	989	oc	311	246	42	-0.98
187	12	3	16 Gem	6.2	991	oc	246	249	40	-0.98
188	13	4		6.8	1114	oc	283	245	39	-0.93
189	14	22	Acubens = α Cnc	4.3	1341	oc	283	105	25	-0.81
190	15	3	κ Cnc	5.2	1359	oc	230	205	45	-0.79
191	19	1		7.2	8830	oc	291	129	17	-0.38
192	19	3	21 Vir	5.5	1800	oc	295	139	19	-0.37
193	26	16		7.9	3192	zc	110	232	5	+0.05
194	28	15		7.0	3184	zc	76	206	25	+0.17
195	28	15	46 Cap	5.1	3185	zc	88	207	24	+0.17
196	28	17		7.9	5660	zc	21	234	16	+0.18

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	21	61.9	61.1	57.8	57.4	59.5	59.0	61.4	60.2	61.2	59.9	59.0	59.8
149	1	22.1	22.2	22.0	22.1	22.2	22.6	22.4	22.0		22.5	21.8	
150	2	14.2	13.1	08.4	08.5	10.9	11.4	14.1	11.0	11.8	12.2	09.1	09.9
151	3					19.8							
152	3	37.6	37.6	37.7	38.3	37.8	38.8	38.1	37.1	36.6	38.4	36.9	36.6
153	16	30.3	30.9	34.4	37.2	32.7	37.1	32.8	29.1	25.7	34.4	29.8	27.5
154	17			45.4	47.0	43.8			41.2	38.2		42.1	40.2
155	17					11.2							
156	20		32.7	21.0	20.8	25.2	23.9	32.0	28.9		26.2	23.7	28.1
157	22			32.3								30.5	30.1
158	0			40.5	44.0								
159	22	12.2	11.1	06.1	07.2	08.8	11.2	13.3	07.4	06.9	11.2	05.1	05.3
160	19	37.0	35.1		25.3	31.1	28.8	35.3			31.7		
161	5			31.0	31.4	23.0			22.2	18.7		27.9	24.9
162	3	54.7	55.7	60.5	63.6	58.3	63.1	57.6	54.2	50.2	60.0	55.2	52.4
163	3	16.2	14.7	06.6	10.7	12.0	18.0	18.7	08.1	06.2	16.7	03.2	03.1
164	0	43.1	42.6	40.3	41.1	41.6	43.0	43.7	40.9	40.7	42.9	39.7	39.8
165	2	57.1	58.0	61.6	63.6	59.9	63.1	59.1	57.3	54.8	60.9	58.1	56.4
166	4	16.3	14.8		09.2	11.6	18.8	19.2	06.3	04.1	17.2		
167	1	59.1	58.7	57.1	58.1	58.1	59.7	59.8	57.0	56.6	59.3	56.1	55.9
168	2		43.3	54.7	55.8	50.4	51.8		48.7	45.6	48.5	51.9	49.8
169	2		44.8	45.0	46.4	45.0	47.3	46.1	43.4		46.3	43.1	42.3
170	4			27.6	28.1	28.4	29.2	29.5			29.1		
171	5									27.1			
172	16	53.7	55.3	63.6	67.0	59.3	64.3	56.7	55.0	50.6	60.3	57.4	54.0
173	17									15.7			
174	23									51.9			
175	21	08.7	07.2	03.6	04.9	05.1	07.0	08.8	04.1	04.4	06.9	02.3	02.3
176	21	54.1	55.6	64.1	68.1	59.5	65.5	57.8	54.2	49.1	61.0	56.7	52.6
177	1	20.1	18.9	17.8	19.7	18.1	21.5	21.7	15.4	13.4	20.4	14.7	13.3
178	19	29.8	29.4	30.1	33.2	29.5	34.2	31.8	26.2	24.2	32.0	25.7	24.1
179	14	56.9	56.9	56.2	55.9	56.5	56.5	57.1	56.6	56.2	56.7	56.4	56.5
180	14	29.5						25.3					
181	14	35.6	33.4				25.0	32.2			28.5		
182	14	34.8	33.7				29.0	33.1			31.0		
183	14	42.5	43.2	43.7	43.7	43.8	43.9	43.7	43.2		44.0		
184	15	26.6	25.4	20.5	19.3	22.9	21.1	25.2	24.7	26.8	23.0	23.0	24.6
185	0	11.9	12.6	16.0	19.1	14.5	19.5	14.9	10.4	06.5	16.6	10.9	08.3
186	3	15.0	17.2	25.8	27.3	21.6	23.9	17.1	19.0	15.5	21.1	22.1	19.4
187	3	29.9	30.9	35.2	37.4	33.3	36.8	32.3	29.9	26.4	34.4	31.0	28.6
188	4	10.2	11.8	18.6	20.4	15.2	18.1	12.4	12.4	08.9	15.4	14.6	12.1
189	22	18.4	17.6	14.2	15.2	16.2	18.0	19.2	15.1	14.8	17.9	13.5	13.6
190	3	57.5	57.6	57.8	62.5	58.3	65.2	61.1	52.4	47.6	62.0	50.2	47.3
191	1				56.0		57.8						
192	3	14.2	14.1	13.9	15.7	14.0	17.0	15.6	11.9	10.4	15.7	11.4	10.4
193	16								28.6	23.9		32.2	28.2
194	15	60.0	60.9	65.6	68.8	63.2	68.0	62.7	59.3	55.6	64.8	60.3	57.7
195	15	62.4	63.6	70.3	74.2	66.7	72.6	65.6	62.1	57.7	68.5	63.8	60.5
196	17			41.2	41.5							41.2	