

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
1	I 1	21	85 Gem	5.4	1193	oc	326	133	48	-0.98
2	2	2		6.2	1217	oc	292	236	43	-0.97
3	2	19	54 Cnc	6.4	1323	oc	313	90	19	-0.94
4	3	23		5.9	1458	oc	14	125	35	-0.85
5	4	0		6.1	1465	oc	291	157	44	-0.85
6	4	2	Yu Neu = π Leo	4.7	1468	oc	300	182	46	-0.85
7	6	5		5.6	1713	oc	304	214	27	-0.63
8	12	5		6.3	2458	oc	285	140	4	-0.08
9	17	17		7.3	3165	zc	348	247	3	+0.05
10	20	16	TX Psc = 19 Psc	5.0	3501	zc	10	208	38	+0.23
11	23	15		6.6	311	zc	355	159	55	+0.52
12	24	14	ε Ari	4.7	440	zc	37	111	40	+0.62
13	24	16		7.3	5715	zc	104	149	55	+0.63
14	24	20		7.2	461	zc	110	235	48	+0.64
15	25	17	36 Tau	5.5	598	zc	106	144	57	+0.73
16	27	17	5 Gem	5.8	936	zc	125	107	43	+0.91
17	28	18	Wasat = δ Gem	3.5	1110	zc	86	117	45	+0.97
18	28	20	Wasat = δ Gem	3.5	1110	oj	299	136	53	+0.97
19	28	22		6.5	1125	zc	91	189	58	+0.97
20	28	22	63 Gem	5.3	1129	zc	95	200	57	+0.97
21	31	0	ξ Leo	5.0	1409	oc	342	194	47	-0.99
22	31	5	O Leo	3.5	1428	oc	316	269	13	-0.99
23	31	21		6.5	1519	oc	323	125	29	-0.96
24	II 2	2		6.8	1655	oc	279	191	34	-0.88
25	2	5	87 Leo	4.8	1670	oc	286	239	18	-0.87
26	4	2		6.9	1893	oc	317	173	26	-0.69
27	7	2	2 Sco	4.5	2268	oc	222	139	3	-0.38
28	7	3	3 Sco (V927)	5.9	2273	oc	266	147	5	-0.38
29	16	16	16 Psc	5.7	3482	zc	56	243	21	+0.06
30	16	17		8.8	8298	zc	83	258	12	+0.06
31	17	19	45 Psc	6.8	51	zc	95	274	7	+0.12
32	19	18		7.8	2732	zc	69	252	34	+0.27
33	20	23		5.6	4005	zc	5	297	7	+0.38
34	20	23	ε Ari	4.7	440	zc	5	297	7	+0.38
35	21	19		7.0	6189	zc	43	252	44	+0.47
36	21	19		7.0	550	zc	12	257	41	+0.47
37	21	19		5.4	556	zc	119	258	40	+0.47
38	21	20		6.2	564	zc	58	266	34	+0.48
39	21	20	26 Tau	6.5	559	zc	9	268	34	+0.48
40	21	21		6.8	567	zc	7	272	29	+0.48
41	22	23		6.3	740	zc	167	290	16	+0.60
42	23	0	98 Tau	5.8	743	zc	37	299	9	+0.60
43	23	19		6.8	880	zc	170	217	60	+0.69
44	24	16		6.5	1036	zc	110	118	49	+0.78
45	24	17		6.8	8771	zc	116	135	54	+0.79
46	24	22		6.9	1059	zc	160	245	44	+0.80
47	25	20	85 Gem	5.4	1193	zc	30	170	56	+0.88
48	26	0		6.2	1217	zc	76	254	35	+0.89
49	II 26	17	54 Cnc	6.4	1323	zc	90	104	29	+0.94

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	21	52.4	53.5	57.7	60.1	55.8	59.8	55.0	52.6	49.3	57.2	53.6	51.3
2	2	43.0	44.4	50.6	52.6	47.6	50.8	45.2	44.5	41.0	48.1	46.4	43.8
3	19	31.2	30.9	29.5	29.9	30.3	31.3	31.7			31.2		
4	23			09.0	10.5							03.3	
5	0	51.8	52.2	54.6	57.2	53.6	57.8	54.1	50.2	47.3	55.4	50.4	48.5
6	2	03.8	04.8	09.5	12.1	07.2	11.3	06.3	03.7	00.2	08.5	04.8	02.3
7	5	41.5	42.8	49.3	51.6	46.1	49.9	44.0	42.6	38.8	46.9	44.6	41.8
8	5				09.3								
9	17											23.3	27.4
10	16	10.3	08.4	02.9	03.8	05.4	06.5	09.7	05.3	07.1	07.0	02.7	03.8
11	15	71.3	64.6	50.5	50.2	56.5	55.5	65.2	59.7		58.5	53.7	58.1
12	14	11.1	09.0		01.7	05.3	05.4	10.2			06.9		
13	16	44.9	45.3	50.6	55.6	47.5	54.6	48.2	42.3	38.3	50.2	43.1	39.9
14	20	23.1	24.9	34.2	36.8	29.3	33.5	26.0	25.2	20.5	29.7	28.5	24.8
15	17	31.8	32.1	36.5	40.5	33.9	40.0	34.7	29.4	25.7	36.2	30.0	27.2
16	17	29.7	29.8	33.2	36.4	31.1	35.8	31.7	27.8	25.2	32.9	28.3	26.2
17	18	64.1	63.2	61.1	63.0	62.0	65.1	65.3	60.0	59.0	64.2	58.7	58.0
18	20	08.0	08.5	10.8	13.3	09.8	14.1	10.4	06.5	03.5	11.7	06.8	04.8
19	22	22.0	22.3	25.5	28.4	23.9	28.6	24.7	20.1	16.6	25.9	20.7	18.2
20	22	48.8	49.5	53.5	56.2	51.5	56.0	51.6	47.7	44.0	53.2	48.7	46.1
21	0	30.0	32.2	40.8	42.3	36.5	38.7	31.8	34.1	30.9	35.9	37.0	34.5
22	5	23.5	25.1	31.1	31.5	28.1	28.7	24.4	27.2	25.4	27.1	29.5	28.1
23	21	39.6	40.2	42.7	44.4	41.6	44.3	41.1	39.6	37.6	42.5	40.1	38.8
24	2	18.4	19.2	23.7	26.7	21.6	26.2	21.2	17.5	13.6	23.2	18.5	15.8
25	5	22.5	24.0	30.4	32.0	27.3	29.9	24.5	24.6	21.4	27.4	26.9	24.5
26	2			27.7	29.9								
27	2	42.4	40.6	33.2	36.7	37.4	42.5	44.3	33.8		41.7	29.2	28.7
28	3	25.5	24.8	22.8	25.1	23.9	27.7	27.2	21.2	19.6	26.4	19.8	18.9
29	16	37.1	37.7	41.0	42.4	39.2	41.4	38.5	37.2	35.2	39.8	38.2	36.6
30	17	47.7	49.1	55.2		52.0		49.0	50.3	47.8	51.7	52.4	50.6
31	19	30.2	31.6					31.0	33.8	31.9		36.3	34.7
32	18	45.5	46.3	50.6	52.3	48.4	51.0	47.3	45.8	43.1	49.0	47.2	45.1
33	23								10.4	10.2		07.9	08.0
34	23			08.7		12.7			10.5	10.3		08.0	08.0
35	19	22.4	21.5	20.9	23.2	21.0	24.8	24.2	18.1	16.0	23.4	17.4	15.9
36	19			34.9	37.1	39.2	43.2		37.1	39.3	45.7	32.5	32.6
37	19	40.7	42.6	52.0	54.0	47.1	50.4	43.2	43.8	39.5	47.0	47.2	43.9
38	20	26.6	27.0	29.8	31.6	28.4	31.3	28.5	25.7	23.1	29.5	26.5	24.7
39	20			31.3	34.1							30.0	
40	20			52.9	55.0	56.3	61.4		53.4	52.9		50.3	49.7
41	23							49.7					
42	0	22.9	23.2	24.8	25.3	24.0	25.1	23.8	23.0	21.8	24.4	23.7	22.9
43	19	03.0	06.5			16.4	21.0	06.9	11.2	03.3	14.0		
44	16	22.0	21.4	20.7	22.8	20.9	24.2	23.4			22.9		
45	17	51.2	51.5	54.8	57.8	53.0	57.5	53.7	49.3	46.3	54.8	50.0	47.7
46	22	38.1	40.4	50.2	50.9	45.1	46.5	39.8	43.4	40.3	43.9	47.4	44.9
47	20			09.3	12.9	15.3			10.9	11.2		05.4	04.9
48	0	34.0	35.0	39.9	41.7	37.5	40.6	36.1	34.7	31.6	38.3	36.3	34.1
49	17	25.4	24.2	21.0	22.2	22.5	24.3	25.9	21.5	21.5	24.2	20.0	20.0

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
50	II 27	22		6.1	1465	zc	109	174	45	+0.99
51	27	23	Yu Neu = π Leo	4.7	1468	zc	100	198	43	+0.99
52	III 2	0		5.6	1713	oc	263	191	31	-0.97
53	9	5	Kaus Borealis = λ Sgr	2.8	2672	zj	104	167	10	-0.35
54	9	6	Kaus Borealis = λ Sgr	2.8	2672	oc	229	191	14	-0.35
55	19	18		7.2	3033	zc	81	277	20	+0.14
56	19	20	M Ari	5.7	399	zc	51	296	4	+0.15
57	20	16	66 Ari	6.2	501	zc	28	244	49	+0.22
58	20	21		6.7	524	zc	115	291	12	+0.23
59	22	20		7.0	835	zc	117	260	39	+0.43
60	23	21		7.0	1014	zc	146	263	34	+0.55
61	24	16	63 Gem	5.3	1129	zc	46	157	59	+0.64
62	24	17	63 Gem	5.3	1129	oj	10	163	57	+0.64
63	24	22		6.7	1150	zc	160	252	38	+0.66
64	27	2	o Leo	3.5	1428	zc	63	271	11	+0.87
65	27	18		6.5	1519	zc	67	137	35	+0.92
66	29	2	87 Leo	4.8	1670	zc	139	247	13	+0.98
67	IV 17	18		6.8	624	zc	126	275	27	+0.11
68	17	18		7.6	6523	zc	29	281	22	+0.11
69	17	19		7.9	6545	zc	49	288	16	+0.11
70	17	20		7.6	6552	zc	117	291	14	+0.11
71	17	20		7.2	6555	zc	153	296	10	+0.11
72	19	18	8 Gem	6.1	954	zc	33	255	41	+0.28
73	19	19	9 Gem	6.2	956	zc	89	255	40	+0.28
74	19	19	10 Gem	6.6	960	zc	96	266	33	+0.29
75	19	20	11 Gem (LU)	6.9	962	zc	119	269	30	+0.29
76	19	20		7.6	8814	zc	124	273	27	+0.29
77	19	20	12 Gem	7.0	964	zc	165	276	25	+0.29
78	19	22		6.1	983	zc	79	296	10	+0.30
79	19	22		6.8	982	zc	47	298	9	+0.30
80	21	18	Tegmine = ζ Cnc	5.1	1236	zc	166	199	53	+0.50
81	21	18		6.2	7646	zc	166	204	53	+0.50
82	21	18		6.5	1241	zc	113	213	51	+0.50
83	21	18		6.2	8006	zc	166	204	53	+0.50
84	24	22	62 Leo	6.0	1605	zc	160	230	26	+0.84
85	25	19		5.6	1713	zc	163	161	30	+0.91
86	V 16	21	2 Gem	6.7	923	zc	76	303	5	+0.09
87	18	19		7.1	1203	zc	121	262	31	+0.26
88	20	12	o Leo	3.5	1428	zc	79	109	26	+0.45
89	20	20		7.0	1454	zc	84	243	28	+0.48
90	20	21		6.8	1457	zc	114	256	20	+0.49
91	21	19	36 Sex	6.3	1566	zc	53	219	33	+0.60
92	VI 4	23		6.2	3370	oc	264	104	9	-0.49
93	6	2	TX Psc = 19 Psc	5.0	3501	oc	314	130	33	-0.39
94	16	21		6.8	1429	zc	127	277	6	+0.24
95	23	20		5.4	2269	zc	59	175	12	+0.93
96	29	0	ρ Cap	4.9	2987	oc	239	165	18	-0.94
97	VI 30	1		6.4	3112	oc	268	172	23	-0.88

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	22	17.8	18.3	21.9	24.6	20.1	24.7	20.5	16.4	13.0	21.9	17.2	14.8
51	23	29.0	29.8	34.2	37.1	32.1	36.8	31.9	28.1	24.2	33.8	29.3	26.6
52	0	57.0	57.7	61.4	64.7	59.7	64.9	60.1	55.2	51.1	61.8	55.8	53.0
53	5									25.2		28.5	26.2
54	6	46.0	46.2	47.5	49.8	47.0	50.9	48.3	43.7	40.6	49.0	43.6	41.7
55	18	53.5	54.5	59.0	59.9	56.8	58.2	54.8	55.3	53.1	56.7	56.9	55.4
56	20	43.2	43.5	45.0	45.1	44.3	44.5	43.6	43.9	43.3	44.1	44.5	44.1
57	16		67.5	56.6	58.6	60.2	63.3				64.2		
58	21	23.5	24.9	30.3	29.9	27.5	26.9	23.7	27.6	26.6	26.1	30.0	29.1
59	20	25.2	27.0	34.2	35.3	30.5	32.5	27.0	28.5	25.5	30.2	31.2	29.0
60	21	43.0	45.0	53.0	53.6	49.0	49.9	44.3	47.7	45.3	47.8	50.9	49.0
61	16		62.6	51.1	53.5	55.5	59.6	69.9			60.3		
62	17							18.5					
63	21	58.3	60.5	69.2	69.8	64.8	65.8	59.8	63.3	60.8	63.5	66.9	64.8
64	2	02.9	04.0	08.2	08.7	06.1	07.1	03.9	05.0	03.1	05.8	06.5	05.2
65	18	59.8	57.3	51.9	54.6	54.4	59.2	61.9	51.3	49.9	58.3	48.8	48.1
66	2	23.5	25.1	32.0	33.2	28.6	30.5	25.2	26.5	23.7	28.2	29.0	26.9
67	18			05.8	06.5		02.6						
68	18			34.5	35.9		37.1				36.2		
69	19	57.6	58.0	60.2	60.6	59.1	60.0	58.4	58.2	57.0	59.2	59.0	58.2
70	20	06.8	08.2	13.5	13.2	10.8	10.3	07.1	10.8	09.8	09.4	13.1	12.2
71	20	26.8	28.9				31.1	26.5			30.2		
72	18			66.2	69.5	68.0			62.8	59.3		61.4	59.3
73	19	04.6	05.8	11.3	13.0	08.6	11.3	06.7	06.0	02.9	09.0	07.9	05.6
74	19	56.4	57.8	63.4	64.4	60.6	62.3	57.9	58.8	56.2	60.4	60.8	59.0
75	20	09.8	11.4	17.9	18.5	14.6	15.7	11.1	13.3	11.0	13.9	15.8	14.0
76	20	31.3	33.0	39.3	39.7	36.1	36.8	32.3	35.1	33.2	35.2	37.6	36.1
77	20	30.7	33.0		43.0	38.3	36.8	31.1			35.2		
78	22	37.2	38.1	41.5	41.3	39.8	39.4	37.4	39.8	39.2	38.9	41.3	40.7
79	22	45.2	45.7						46.3	45.5		47.1	46.6
80	18	00.8	03.1	13.8	15.4	08.2	10.9	03.3	05.4	01.4	07.5	09.8	06.5
81	18	00.8	03.1	13.7	15.3	08.1	10.9	03.3	05.3		07.5	09.6	06.4
82	18	45.4	46.6	52.8	55.2	49.7	53.8	48.1	46.1	42.2	50.8	48.0	45.2
83	18	00.9	03.2	13.9	15.4	08.2	11.0	03.4	05.5		07.6	09.9	06.6
84	22	47.9	49.7	57.3	58.8	53.5	55.8	49.8	51.2	48.2	53.2	53.9	51.6
85	19	33.2	34.2	39.3	40.8	36.6	39.2	34.9	34.5	32.1	37.0	36.3	34.5
86	21	06.8	07.6						09.3	09.1			10.3
87	19			09.8	11.0		08.3						
88	12	57.1	55.3	50.4	51.5	52.7	54.6	57.4	51.8	52.1	54.9	49.6	49.9
89	20	35.2	36.5	42.3	44.2	39.5	42.7	37.5	36.5	33.0	40.1	38.4	35.9
90	21	32.8	34.4			37.6			35.8	33.2		38.2	36.2
91	19			70.0	75.7	70.2			62.5	56.8		62.4	58.8
92	23			52.1	52.2	54.9	55.4	59.0			56.4		
93	2				42.7								
94	20											60.6	59.3
95	20	33.7	33.6	34.4	37.7	34.2	39.6	36.7	29.8	26.3	37.1	29.3	27.0
96	0	10.8	10.3	09.1	11.3	09.9	13.6	12.7	06.9	04.7	12.3	05.8	04.6
97	1	23.3	23.5	24.6	27.6	24.2	29.2	26.3	20.0	16.4	26.9	19.8	17.4

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
98	VII 3	0	9 Psc	6.3	3455	oc	272	118	21	-0.65
99	6	23		6.8	375	oc	237	65	5	-0.27
100	10	1	121 Tau	5.4	839	oc	250	60	7	-0.04
101	24	20		5.6	2822	zc	72	157	11	+0.99
102	31	23		6.5	89	oc	269	114	28	-0.71
103	VIII 6	1	103 Tau	5.5	767	oc	270	76	20	-0.21
104	7	0	2 Gem	6.7	923	oc	295	54	4	-0.13
105	8	1		7.3	9174	oc	320	59	4	-0.06
106	8	1		8.2	9169	oc	210	63	5	-0.06
107	25	20		6.2	3370	oc	267	133	24	-0.99
108	27	0	TX Psc = 19 Psc	5.0	3501	oc	299	181	40	-0.95
109	28	21		6.9	177	oc	257	109	31	-0.84
110	30	3	20 H1. Ari	6.4	317	oc	208	204	52	-0.75
111	31	0		7.0	5633	oc	284	117	43	-0.67
112	31	2	47 Ari	5.8	435	oc	285	154	55	-0.66
113	IX 1	0		7.0	563	oc	203	104	39	-0.57
114	1	0		7.3	6254	oc	213	109	41	-0.57
115	1	23	95 Tau	6.2	714	oc	309	78	21	-0.47
116	4	1		7.0	8742	oc	256	81	21	-0.25
117	4	2		7.3	8774	oc	290	91	29	-0.25
118	18	17	ρ Cap	4.9	2987	zc	115	152	15	+0.82
119	19	18		6.6	3109	zc	11	162	26	+0.89
120	19	19		6.4	3112	zc	56	160	21	+0.89
121	29	0		7.2	676	oc	252	119	48	-0.72
122	30	4	121 Tau	5.4	839	oc	291	192	60	-0.61
123	X 1	2		7.0	997	oc	220	118	46	-0.50
124	1	23	56 Gem	5.1	1113	oc	288	72	12	-0.41
125	2	1	61 Gem	5.9	1127	oc	286	97	31	-0.40
126	2	2		7.1	1138	oc	209	116	42	-0.39
127	18	23	Situla = κ Aquarii	5.0	3320	zc	42	234	19	+0.85
128	24	20	ς Ari	4.9	472	oc	283	111	41	-0.97
129	25	0	τ Ari	5.3	486	oc	195	178	58	-0.96
130	27	2		6.9	789	oc	301	199	62	-0.84
131	27	20	1 Gem	4.3	916	oc	312	74	17	-0.77
132	27	23	3 Gem	5.8	929	oc	275	105	42	-0.76
133	27	23	4 Gem	6.9	931	oc	251	110	45	-0.76
134	28	0		7.2	8094	oc	301	121	51	-0.76
135	28	0	6 Gem (BU)	6.5	942	oc	234	124	52	-0.76
136	28	5	Tejat = μ Gem	2.9	976	zj	139	242	48	-0.75
137	28	6	Tejat = μ Gem	2.9	976	oc	254	251	41	-0.74
138	29	2		7.2	1098	oc	248	156	55	-0.65
139	30	2		7.3	7614	oc	222	133	48	-0.55
140	30	23		6.5	1344	oc	261	82	10	-0.44
141	XI 1	0		6.8	1457	oc	287	90	10	-0.33
142	3	3		8.1	8431	oc	325	118	15	-0.12
143	3	4		5.6	1713	oc	269	129	19	-0.12
144	4	4		8.2	1829	oc	272	116	5	-0.05
145	XI 9	15		5.4	2602	zc	11	209	11	+0.14

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
98	23	06.9	05.7	01.1	02.4	03.5	05.8	07.8	02.0	01.6	05.8	59.9	59.9
99	23	20.9	19.5	13.5	12.1	16.5	14.4	19.2	18.5		16.6		
100	1			53.7	52.3	56.6	54.3		58.5		56.6	56.7	
101	20	42.1	41.6	40.6	43.3	41.2	45.7	44.3	38.0	35.6	44.0	36.9	35.5
102	23	33.8	32.5	27.9	29.2	30.4	32.6	34.7	29.0	28.7	32.6	26.9	27.0
103	1	17.5	16.2	10.9	10.5	13.6	13.0	16.8	14.5	16.0	14.4	12.5	13.8
104	0	14.8	14.0	10.5	09.6	12.2	10.9	13.8	13.5	15.0	12.2		
105	1	36.7	36.3	34.6	34.3	35.5	35.2	36.5	35.8	36.2	35.7	35.3	35.7
106	1						24.3				28.7		
107	20	63.6	62.5	59.1	61.0	60.9	64.3	65.1	58.6	57.2	63.6	56.7	56.1
108	0	40.2	41.8	47.9	52.0	45.4	52.4	45.4	38.7	31.1	48.3	40.4	35.8
109	21	59.2	57.8	52.6	53.3	55.3	56.7	59.6	54.5		57.3	52.2	
110	3	45.8	44.2	34.6	34.0	40.7			39.9	39.9		36.3	37.3
111	0	30.4	29.8	27.5	29.4	28.9	32.3	32.3	26.3	24.4	31.4	25.0	24.0
112	2	29.6	29.9	31.7	34.7	31.2	36.5	32.9	26.8	22.8	33.9	26.8	24.3
113	0	34.0	30.9			23.6		31.4	27.4	31.6	24.4	22.3	26.3
114	0	53.4	50.7			45.1		51.9	47.1	49.9	46.6		45.6
115	23	18.8	18.1	15.5	16.0	16.9	17.9	19.3	16.2	15.9	18.1	15.2	15.2
116	1	24.2	22.6	15.8	15.0	19.3	18.4	23.3	20.5	22.3	20.3	18.0	19.6
117	2	16.1	15.2	12.0	12.6	13.8	15.1	16.6	13.1	12.9	15.2	11.7	11.8
118	17	55.6	55.5	57.2	61.6	56.3	63.2	58.9	51.5	48.2	59.6	51.2	48.8
119	18				50.6								
120	19	13.7	13.0	11.5	14.0	12.4	16.5	15.6	09.4	07.6	15.0	08.2	07.0
121	0	29.5	28.2	22.8	23.9	25.8	27.9	30.4	24.4	24.1	28.2	22.1	22.3
122	4	31.8	33.1	38.6	41.7	36.1	41.1	35.0	31.8	27.4	37.8	33.2	30.2
123	1	76.4	73.3			65.3	61.9	75.9	67.1	69.8	69.1	59.6	64.0
124	23	15.4	14.4	10.3	09.9	12.5	11.9	14.9	13.2	14.3	13.1	11.7	12.7
125	1	27.5	26.7	23.3	24.2	25.2	26.8	28.2	24.3	24.0	26.8	22.7	22.9
126	2	57.9	52.4					56.2		48.9			
127	23	11.3	11.4	13.2	14.5	12.3	14.2	12.3	10.7	09.3	13.0	11.0	09.9
128	20	54.7	53.9	51.1	52.7	52.7	55.6	56.2	50.6	49.2	55.0	49.2	48.5
129	23	12.8	09.1					11.8	02.1	05.6	00.5		58.5
130	2	23.2	25.3	33.5	36.7	29.7	35.0	26.9	25.1	19.9	30.9	27.5	23.9
131	20	31.7	31.5	30.3	30.7	31.0	32.1	32.5	30.2	29.4	32.0	29.7	29.4
132	23	15.8	15.1	12.2	13.6	13.9	16.4	17.0	12.2	11.2	15.9	10.8	10.5
133	23	39.6	38.3	32.9	33.9	35.9	37.9	40.3	34.7	34.6	38.2	32.4	32.7
134	0	15.5	16.1	18.6	21.2	17.7	22.2	18.3	14.1	10.7	19.7	14.4	12.3
135	0	34.0	32.5	25.2	26.3	29.4	31.8	35.0	28.1	27.9	32.2	24.9	25.5
136	5	19.8	21.8	30.8	32.5	26.2	29.2	22.3	23.2	19.2	26.0	26.5	23.5
137	6	21.5	22.6	27.4	29.5	25.2	28.4	23.7	22.1	18.8	26.0	23.4	21.1
138	2	58.4	57.6	54.3	57.2	56.6	61.4	60.8	53.1	51.0	60.0	50.9	49.9
139	2	10.2	07.8				04.8	11.1			06.6		
140	23	23.2	21.9	16.0	15.3	19.1	18.3	22.5	20.1	21.7	19.9	17.9	19.3
141	0	35.3	34.6	31.4	31.4	33.1	33.3	35.2	33.2	33.8	33.9	31.9	32.5
142	3			59.5	60.4	58.8	60.1				59.1	58.2	
143	4	57.2	56.3	53.1	54.9	54.9	57.9	58.4	53.1	52.2	57.2	51.2	50.9
144	4	33.4	32.4	28.1		30.4			29.8	30.1		27.8	28.3
145	15			34.7	34.2		35.8						

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
		h								
146	XI 9	15	9 Sgr	5.9	2607	zc	55	213	9	+0.14
147	9	16		6.9	2610	zc	71	215	7	+0.14
148	10	16		6.3	2769	zc	118	206	10	+0.22
149	11	17		6.9	2908	zc	40	210	13	+0.31
150	12	14		5.8	3019	zc	66	166	22	+0.40
151	13	15		6.6	3146	zc	13	163	24	+0.50
152	13	15		7.0	3145	zc	31	164	26	+0.49
153	16	20	TX Psc = 19 Psc	5.0	3501	zc	71	201	39	+0.78
154	17	16	45 Psc	6.8	51	zc	31	122	31	+0.84
155	18	16		6.9	177	zc	52	116	36	+0.91
156	19	22	20 H1. Ari	6.4	317	zc	57	198	53	+0.96
157	21	2		6.4	459	zc	86	260	33	+0.99
158	22	18		6.3	716	oc	306	84	26	-0.99
159	23	0	99 Tau	5.8	742	oc	326	197	60	-0.98
160	23	18		6.2	865	oc	251	75	18	-0.95
161	23	21		7.0	887	oc	275	118	49	-0.95
162	24	4	1 Gem	4.3	916	oc	351	248	44	-0.94
163	24	20		6.8	8750	oc	273	90	29	-0.89
164	24	22	36 Gem	5.3	1047	oc	327	107	39	-0.88
165	25	0		7.0	1054	oc	308	139	53	-0.88
166	25	4	Mekbuda = ζ Gem	4.0	1077	oc	217	252	38	-0.87
167	25	20	81 Gem	4.9	1175	oc	259	84	19	-0.81
168	26	4	3 Cnc	5.6	1207	oc	231	224	47	-0.78
169	27	23		6.8	1429	oc	292	102	20	-0.59
170	28	1		7.2	7890	oc	4	130	39	-0.59
171	28	2		7.0	1440	oc	356	144	40	-0.58
172	30	2	87 Leo	4.8	1670	oc	296	120	17	-0.35
173	XII 2	4		6.8	1918	oc	331	135	12	-0.15
174	2	5		7.9	7905	oc	258	148	16	-0.15
175	8	15		7.3	8234	zc	137	218	8	+0.09
176	8	16		7.3	8234	oj	165	222	7	+0.09
177	11	16		6.8	3216	zc	74	191	28	+0.32
178	12	16		6.4	3326	zc	343	183	33	+0.41
179	12	16		7.2	6252	zc	26	191	33	+0.41
180	13	17	κ Psc	5.0	3453	zc	104	190	38	+0.51
181	17	17		6.8	375	zc	39	130	47	+0.86
182	18	14	τ Ari	5.3	486	zc	69	81	20	+0.92
183	20	0		6.0	693	zc	130	237	49	+0.98
184	21	6		7.8	7642	zc	108	305	3	E0.85
185	21	6		9.0	7610	oc	270	308	2	E0.69
186	21	6		8.4	7613	oc	266	308	2	E0.65
187	21	17	Tejat = μ Gem	2.9	976	zj	81	76	17	-0.00
188	21	18	Tejat = μ Gem	2.9	976	oc	283	86	26	-0.00
189	22	2		6.1	1021	oc	304	241	46	-0.99
190	22	21		6.7	1135	oc	279	118	42	-0.97
191	23	1		6.9	1151	oc	251	210	53	-0.96
192	23	5	81 Gem	4.9	1175	oc	338	271	23	-0.96
193	25	2	6 Leo	5.1	1410	oc	296	183	46	-0.82
194	XII 26	2		6.7	1528	oc	289	174	40	-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
146	15				48.0		48.0						
147	16			22.1	24.1	20.0	23.2				21.0	18.4	
148	16	43.3	45.2	57.3	65.2	50.6	60.2	47.8	43.9	37.8	52.9	47.0	42.2
149	17	42.1	42.3	44.2	45.7	43.2	45.7	43.3	41.3	39.6	44.2	41.5	40.4
150	14						51.3						
151	15	59.8	58.5	54.1	55.3	56.4	58.3	60.2	55.4	55.7	58.3	53.2	53.6
152	15						28.2						
153	20	14.7	15.1	19.0	22.5	17.0	22.3	17.5	12.8	09.2	19.1	13.3	10.7
154	16	35.8	34.0	27.3	27.7	30.7	31.6	35.6	30.7	32.0	32.6	27.8	29.0
155	16				43.3		47.0						
156	22	07.5	07.2	07.8	10.6	07.4	11.8	09.6	04.1	01.7	09.7	03.6	01.9
157	2									18.8		23.8	21.7
158	18			24.6	25.6	25.5	27.4				27.0	23.3	
159	0	30.8	34.5	46.3	49.5	40.9	46.1	35.4	35.8	29.6	41.3	39.8	35.3
160	18	09.5	08.0				03.2	08.2			05.4		
161	21	63.3	62.9	61.3	63.2	62.4	65.8	65.1	59.9		64.7	58.9	57.9
162	4			13.5	13.9	05.8			04.9	01.2		10.6	07.6
163	20			33.0	33.4	35.1	35.9	38.0			36.4		
164	22	10.7	11.7	14.9	17.2	13.7	17.7	13.5	10.4	06.9	15.3	11.1	09.0
165	0	05.3	06.2	10.2	13.0	08.4	13.2	08.2	04.6	00.9	10.3	05.4	03.0
166	4	56.1	54.1				59.6	59.6			57.6		
167	20	60.4	58.8	51.7	51.0	55.4	54.7	59.6	56.4	58.2	56.6	53.9	55.4
168	4	49.4	49.7	51.0	55.0	50.9	56.7	52.6	45.9	41.5	53.8	44.6	41.8
169	23	46.3	45.6	43.0	43.8	44.5	45.9	46.9	43.6	43.4	45.8	42.3	42.4
170	1				21.4								
171	2	30.9	34.6	45.1	46.9	40.3	42.9	33.2	37.7	34.1	39.4	41.0	38.2
172	2	15.3	14.9	13.6	14.8	14.4	16.4	16.2	13.1	12.3	15.8	12.2	11.8
173	4	36.7	37.2	39.0	39.9	38.1	39.4	37.3	37.1	36.1	38.4	37.5	36.8
174	5									32.8			32.0
175	15					48.8		43.1			52.7		
176	16										01.5		
177	16	22.4	22.9	26.6	30.3	24.7	30.4	25.3	20.3	16.6	27.0	20.8	18.2
178	16	28.3	25.6	17.2	17.3	21.1	20.8	26.2	22.9	28.8	22.4	19.2	21.9
179	16	60.7	59.9	57.8	59.4	58.8	61.4	61.6	57.2	56.5	60.7	55.8	55.4
180	17	40.5	42.3	58.5		48.1	62.0	45.8	39.8	33.0	51.3	42.8	37.1
181	17	41.9	40.1	34.0	35.2	37.0	38.9	42.1	36.3	37.1	39.3	33.5	34.2
182	14	33.6	32.1				28.0	32.5			29.7		
183	0	12.1	14.3	24.6	26.6	19.3	22.7	14.8	15.8	11.2	19.1	19.6	16.1
184	6	43.3	44.3						46.6	46.6		48.1	48.0
185	6	53.5	54.3						56.4	56.4			57.5
186	6	55.5								58.5			59.5
187	17	23.5	22.2	17.3	17.1	19.6	19.2	22.7	20.5	22.2	20.4	18.5	19.8
188	18	21.1	20.1	15.9	16.1	18.1	18.7	21.2	18.0	18.4	19.4	16.2	16.9
189	2	21.9	23.8	31.4	33.2	27.7	30.4	24.0	24.9	21.4	27.6	27.6	24.9
190	21	35.5	34.9	32.9	34.7	34.1	37.2	37.0	32.0	30.6	36.3	30.7	30.0
191	1	55.5	56.0	58.8	62.0	57.7	62.8	58.4	53.4	49.6	59.9	53.5	51.0
192	5	43.5	45.5	53.0	53.0	49.2	49.0	44.1	48.8	47.2	47.5	51.8	50.4
193	2	33.1	34.2	39.2	41.9	36.8	41.1	35.8	33.1	29.3	38.1	34.3	31.7
194	2	55.6	56.2	60.0	62.9	58.2	62.8	58.2	54.4	50.9	59.9	55.2	52.7

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A_k	h_k	F_k
		h								
195	XII 26	6		6.6	1543	oc	229	237	25	-0.71
196	27	0		6.6	1629	oc	303	121	20	-0.63
197	28	2		6.6	1752	oc	254	142	22	-0.50
198	XII 31	3		5.9	2134	oc	299	133	3	-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
195	6	06.2	06.5			07.2		10.0			11.3		
196	0	23.3	23.1	22.6	23.9	23.0	25.2	24.3	21.5	20.5	24.2	20.9	20.3
197	2	34.4	33.5	30.1	33.0	32.1	36.6	36.4	28.9	27.1	35.3	26.6	25.8
198	3	57.9	57.4	55.9	57.0	56.7	58.4	58.6	55.7	55.2	57.9	54.7	54.5