

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
1	I 2	1		6.7	1645	oc	319	146	38	-0.69
2	2	2		6.9	1648	oc	16	154	43	-0.69
3	13	15	kappa Capricorni	4.7	3175	zc	35	211	12	+0.06
4	14	16		7.4	165243	zc	82	220	17	+0.14
5	14	16		6.8	3327	zc	355	230	15	+0.14
6	17	14	88 Piscium	6.0	184	zc	101	154	40	+0.44
7	18	15		7.2	92795	zc	66	147	46	+0.55
8	20	17	33 Tauri	6.1	584	zc	146	149	59	+0.76
9	20	18	33 Tauri	6.1	584	oj	167	158	60	+0.77
10	20	21	36 Tauri	5.5	598	zc	49	247	47	+0.78
11	21	22		6.9	750	zc	77	238	55	+0.86
12	22	0		6.6	762	zc	159	272	33	+0.86
13	22	18	136 Tauri	4.6	890	zc	107	123	56	+0.92
14	22	19		7.0	77724	zc	98	153	64	+0.92
15	22	23		6.0	909	zc	139	241	54	+0.92
16	24	17	76 Geminorum	5.3	1169	zc	122	86	30	+0.99
17	II 2	1		6.8	2002	oc	296	146	20	-0.58
18	2	5		6.4	2017	oc	318	203	20	-0.57
19	4	3	42 Librae	5.0	2237	oc	271	149	9	-0.38
20	14	16		8.0	92671	zc	64	225	45	+0.29
21	14	17		7.1	279	zc	34	229	42	+0.29
22	14	18		7.6	92700	zc	117	245	34	+0.30
23	14	22	12 H1. Arietis	6.0	299	zc	79	286	5	+0.31
24	15	15	36 Arietis	6.4	402	zc	95	187	57	+0.39
25	15	18	40 Arietis	5.8	415	zc	95	239	46	+0.40
26	16	17		7.4	76088	zc	79	207	61	+0.51
27	16	19		6.9	76156	zc	60	250	46	+0.52
28	16	21		5.4	556	zc	23	270	31	+0.52
29	18	17		6.3	840	zc	96	138	63	+0.71
30	19	1	136 Tauri	4.6	890	zc	90	301	10	+0.74
31	19	18	49 Aurigae	5.3	1008	zc	70	141	64	+0.80
32	19	23		6.7	1035	zc	73	273	35	+0.82
33	20	1		6.7	1042	zc	149	285	23	+0.82
34	21	1	76 Geminorum	5.3	1169	zc	99	275	30	+0.89
35	21	16	lambda Cancri	5.9	1251	zc	147	88	30	+0.93
36	III 12	17		7.8	109947	zc	95	264	18	+0.08
37	12	19		8.1	232	zc	59	279	6	+0.08
38	13	18		7.2	363	zc	30	262	28	+0.16
39	14	16	Tau Arietis	5.3	486	zc	139	234	50	+0.24
40	15	18	chi Tauri	5.4	647	zc	15	252	46	+0.35
41	18	20		7.0	1108	zc	156	229	58	+0.66
42	20	0	lambda Cancri	5.9	1251	zc	100	270	31	+0.76
43	23	21	Shang Tseang = sigma Leo	4.1	1644	zc	158	160	43	+0.98
44	IV 3	2	59 Sagittarii	4.5	2912	oc	213	138	2	-0.39
45	10	19		8.4	446	zc	121	286	12	+0.06
46	11	18		7.2	76358	zc	59	277	26	+0.12
47	11	20	36 Tauri	5.5	598	zc	97	297	9	+0.13
48	12	19		6.9	750	zc	143	280	27	+0.21
49	12	21		7.5	76945	zc	131	292	17	+0.21

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	38.6	39.3	42.5	45.0	41.0	44.8	40.8	37.9	35.1	42.4	38.5	36.6
2	2											15.4	
3	15	07.4	07.4	08.1	09.3	07.8	09.6	08.3	06.4	05.4	08.6	06.3	
4	16	44.6	45.7	51.2	53.9	48.3	52.3	46.9	45.0	41.8	49.3	46.5	44.0
5	16				57.1								
6	14	57.2	57.1		66.1		66.6	60.5			61.7		
7	15	32.2	31.1		30.5		33.2	33.5			32.2		
8	17	49.8	53.7					58.8	53.2	41.3			49.7
9	18								05.6				
10	21	64.4	64.1	64.8	66.9	64.3	67.8	66.2	61.6	59.3	66.2	61.4	59.8
11	22	14.5	15.0	18.8	21.3	16.8	21.0	17.0	13.2	09.8	18.4	14.2	11.7
12	0	28.4	31.3	44.9	44.5	37.4	37.6	29.9	36.4	33.1	34.9	42.8	39.8
13	18	45.0	44.8	46.7	50.2	45.6	50.8	47.4	41.8	39.0	48.0	41.6	39.5
14	19	62.6	62.6	65.2	68.6	63.8	69.1	65.3	59.7	56.4	66.2	59.8	57.4
15	23	08.7	10.9	21.9	23.9	16.2	19.6	11.5	12.6	07.9	15.9	16.8	13.1
16	17	40.7	40.1	39.5	41.4	39.6	42.2	41.6	38.0	37.3	41.1	37.3	36.7
17	1				33.8								
18	5	44.2	45.5	51.9		48.7		46.8	45.0	41.2	49.6	46.9	44.1
19	3	33.8	33.2	31.8	34.1	32.6	36.3	35.5	29.9	28.1	35.0	28.6	27.6
20	16			59.6	61.8	59.1	62.6	60.5			60.8		
21	17	42.5	41.8	40.4	42.0	41.0	43.3	43.3	39.3	38.5	42.6	38.3	37.7
22	18	36.7	38.9			44.7		39.7	40.2	35.0	44.6	44.8	40.2
23	21	59.0	59.9					59.4	61.3	60.4		62.8	62.0
24	15						51.8	48.1					
25	18	17.8	18.6	24.1	26.9	21.2	25.6	20.3	17.4	13.6	22.5	18.8	16.0
26	17	33.8	33.6	34.7	37.6	34.0	38.6	36.0	30.5	27.9	36.3	30.2	28.3
27	19	41.9	41.7	42.9	45.0	42.2	45.7	43.7	39.4	37.0	44.0	39.3	37.6
28	21		26.6	17.8	19.4	20.3	23.3		18.4	18.2	24.0	15.8	15.5
29	16	65.6	64.9	64.3	67.2	64.5	69.0	67.5	61.4	59.5	67.1	60.4	59.0
30	1	46.2	47.3	51.3	51.2	49.3	49.0	46.5	49.2	48.3	48.3	50.9	50.2
31	18	14.9	13.1	08.7	11.1	10.8	14.5	16.0	08.5	07.8	13.8	06.1	05.7
32	23	54.0	55.0	59.7	01.4	57.3	00.3	56.1	54.6	51.5	58.1	56.1	53.9
33	1									44.8			
34	1	33.4	34.8	40.7	41.6	37.8	39.2	34.8	36.2	33.8	37.4	38.4	36.6
35	16	14.3	14.1	15.4	17.7	14.4	17.5	15.5			15.8		
36	17			42.9	44.2	39.9	41.8	37.5			39.8		
37	19									24.2			25.1
38	18	27.8	27.0	25.8	26.8	26.2	27.8	28.4	24.9	24.2	27.4	24.3	23.7
39	16	47.1	49.7			57.1	64.1	51.1	50.8		57.2	56.9	
40	18			58.1	60.2	62.3	66.0		60.3	62.3	68.5	55.9	56.0
41	20	10.8	13.3	25.2	26.9	19.0	22.1	13.6	15.7	11.0	18.3	20.3	16.7
42	0	01.2	02.7	08.9	10.0	05.8	07.6	02.8	04.0	01.3	05.5	06.2	04.3
43	21	13.9	15.1	21.5	23.5	18.2	21.7	16.2	15.2	11.9	18.8	17.4	14.9
44	2				30.1		34.2						
45	18	57.7	59.4	66.5	66.3	62.8	62.5	58.3	62.4		61.2	65.5	64.1
46	18			28.8	29.9	27.5	29.5	27.2			28.2	26.5	
47	20	42.1	43.2	47.2	46.8	45.2	44.6	42.2	45.3	44.6	44.0	47.0	46.4
48	19	44.8	46.9	55.9	55.8	51.2	51.3	45.7	50.6	48.4	49.4	54.4	52.6
49	20	56.4	58.1	64.3	63.8	61.1	60.4	56.7	61.2	60.2	59.4	63.9	62.9

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
50	IV 12	21		7.6	76965	zc	69	300	11	+0.21
51	14	20		7.1	1067	zc	177	263	39	+0.40
52	15	0	47 Geminorum	5.8	1088	zc	111	306	7	+0.42
53	15	22	4 Cancri	6.3	1211	zc	96	274	29	+0.51
54	20	22	Zavijava = beta Virginis	3.6	1712	zc	212	211	38	+0.92
55	20	22	Zavijava = beta Virginis	3.6	1712	oj	226	214	37	+0.92
56	25	22	42 Librae	5.0	2237	oc	339	153	10	-0.96
57	V 2	1	37 Capricorni	5.7	3158	oc	224	127	4	-0.43
58	10	19		6.3	840	zc	70	289	21	+0.09
59	11	18	49 Aurigae	5.3	1008	zc	23	270	37	+0.16
60	11	18	49 Aurigae	5.3	1008	oj	360	275	33	+0.16
61	11	19		7.3	78580	zc	50	283	25	+0.16
62	12	22	76 Geminorum	5.3	1169	zc	62	303	8	+0.26
63	16	0	37 Leonis	5.4	1504	zc	79	287	4	+0.55
64	VI 8	20		6.5	1105	zc	49	304	8	+0.06
65	8	20		7.3	79243	zc	126	306	6	+0.06
66	10	21		7.6	80631	zc	137	290	10	+0.20
67	15	21		6.3	1836	zc	154	238	14	+0.66
68	19	19	3 Scorpii (V927)	5.9	2273	zc	146	165	13	+0.94
69	29	2		6.4	81	oc	270	132	32	-0.48
70	VII 3	0		7.4	76480	oc	212	60	6	-0.10
71	10	19	chi Leonis	4.6	1609	zc	109	255	19	+0.22
72	22	21	epsilon Capricorni	4.5	3164	oc	197	143	10	-0.97
73	27	23	12 H1. Arietis	6.0	299	oc	177	86	14	-0.52
74	30	2		7.2	76358	oc	281	93	33	-0.28
75	VIII 1	0	136 Tauri	4.6	890	oc	261	56	10	-0.12
76	2	1		8.6	78862	oc	306	58	10	-0.06
77	2	1		8.6	95186	oc	306	58	10	-0.06
78	2	2		7.8	78873	oc	283	61	12	-0.06
79	2	2		7.2	1056	oc	291	61	13	-0.06
80	15	20	W Sagittarii	4.7	2609	zc	107	189	7	+0.80
81	21	3	Saturn	0.7	—	zj	34	232	17	-0.97
82	21	4	Saturn	0.7	—	oc	260	244	10	-0.97
83	22	2		6.3	4	oc	283	203	34	-0.92
84	23	2		6.1	136	oc	197	201	42	-0.85
85	23	2		6.7	132	oc	311	201	45	-0.85
86	25	23		6.7	524	oc	218	87	26	-0.54
87	26	2	Merope = 23 Tauri	4.1	545	zj	348	146	61	-0.53
88	26	3	Merope = 23 Tauri	4.1	545	oc	325	153	62	-0.53
89	26	4	Atlas = 27 Tauri	3.6	560	zj	26	166	60	-0.53
90	26	4	Atlas = 27 Tauri	3.6	560	oc	292	192	61	-0.52
91	29	0		7.3	78580	oc	299	67	18	-0.23
92	IX 15	17	epsilon Capricorni	4.5	3164	zc	107	138	7	+0.92
93	15	20	kappa Capricorni	4.7	3175	zc	126	177	18	+0.92
94	18	20	44 Piscium	5.8	50	oc	271	129	27	-0.99
95	20	19	19 Arietis	5.7	326	oc	267	84	15	-0.89
96	21	0		6.8	348	oc	313	160	56	-0.88
97	21	21	zeta Arietis	4.9	472	oc	238	89	26	-0.80
98	22	2		6.9	493	oc	216	170	59	-0.78

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	21	46.3	47.1					46.6	48.3	47.6		49.5	48.9
51	20	14.5						14.8					
52	0	13.2	14.2	17.9		16.0	14.8	12.9	16.7	16.6	14.5	18.3	18.1
53	22	15.9	17.4	23.2	24.1	20.3	21.8	17.4	18.7	16.2	19.9	20.8	19.0
54	21	48.7	52.9		64.2		54.2	47.7			53.0		
55	22	06.6	05.5		13.6		19.5	13.2			14.2		
56	22	25.5	26.2	28.8	29.4	27.4	28.0	25.8	26.7	25.8	27.1	27.4	26.6
57	1				37.2		40.7						
58	18		58.2	62.0	62.7	60.1	61.3	58.4	58.8		60.0	60.2	
59	18											37.5	35.4
60	18											49.9	
61	19	59.4	60.0	62.7	63.9	61.4	63.6	61.1	59.4	57.2	62.2	60.3	58.8
62	22	54.3	55.1	57.9	57.5	56.5	55.9	54.3	56.7	56.2	55.6	57.9	57.5
63	0									29.1			
64	20		44.4	46.5		45.5	45.4	44.1	45.3	44.7	45.0	46.3	45.8
65	20											49.2	49.0
66	21												25.8
67	21								58.6	55.2		61.5	58.9
68	19			35.9	37.5								
69	2											30.3	29.5
70	0				38.3								
71	19	18.2	20.0	26.9	28.0	23.5	25.3	20.0	21.4	18.5	23.1	23.9	21.8
72	21	64.1	62.9	58.2	59.1	60.8	62.4	64.7	59.7	59.4	62.8	57.6	57.7
73	22	63.7	61.5			56.2		60.7	60.2	64.2		56.8	60.1
74	2	07.8	06.7	02.6	03.2	04.8	06.1	08.3	03.9	03.8	06.5	02.2	02.4
75	0	44.9	43.6	38.3	37.0	40.9	38.8	43.3	42.9	45.3	40.9	41.1	42.9
76	1			46.7	46.2							47.7	48.4
77	1			46.7	46.2							47.7	48.4
78	2			02.8	01.9				06.3	08.0		04.7	06.1
79	2	10.6	09.6	05.6	04.9	07.6	06.7	09.8	08.6	09.9	08.0	07.2	08.2
80	20		18.2	22.6	25.9	20.4	25.8		16.1	12.0	22.5	17.0	14.2
81	3	36.7	36.7	37.4	38.2	36.9	38.2	37.2	35.9	35.2	37.5	35.9	35.3
82	4	30.4	31.5	35.1	35.9	33.5	35.0	31.8	31.9	29.7	33.6	33.2	31.8
83	2	23.7	24.9	29.7	32.4	27.7	32.4	27.2	23.2	18.0	29.5	24.5	21.3
84	2	60.4	59.0	50.6	48.5	55.6	54.2	60.1	56.2	57.0	56.9	53.4	54.7
85	2			30.3	38.2		34.3						
86	23	20.2	18.4	10.6	09.2	14.6	12.6	18.7	16.4	19.0	15.2	13.7	15.8
87	2			59.2	54.5		64.9						
88	3			13.9	22.3		17.1						
89	3	68.4	66.5	60.6	62.2	63.4	65.8	68.7	62.3	62.9	65.9	59.5	59.9
90	4	62.7	64.2	69.7	73.0	67.4	72.9	66.6	62.5	57.3	69.4	63.9	60.6
91	0	41.8	40.9	37.2	37.0	39.1	39.0	41.5	39.5	40.2	39.9	38.1	38.8
92	17	45.4	44.5	41.9	43.7	43.2	46.3	46.7	41.3		45.5	39.8	39.4
93	20	62.1	65.9						59.7	50.8			55.2
94	20	45.0	44.1	41.0	42.6	42.7	45.5	46.3	40.6	39.5	45.0	39.0	38.5
95	19	33.7	32.4	27.1	26.8	29.8	29.4	33.1	30.4	31.8	30.7	28.4	29.6
96	0			15.8	23.0		21.6						
97	21	18.6	17.0	10.6	10.0	13.8	13.0	17.7	14.8	16.6	14.8	12.4	13.9
98	1	65.5	64.0	56.5	56.5	60.8	61.8	66.1	60.1	60.2	63.1	57.2	57.9

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
99	IX 22	4	66 Arietis	6.2	501	oc	303	226	53	-0.78
100	23	0	chi Tauri	5.4	647	oc	240	121	51	-0.69
101	25	22		6.5	1105	oc	250	56	8	-0.38
102	25	23		7.0	1108	oc	285	66	16	-0.37
103	27	1		7.2	80089	oc	320	79	23	-0.27
104	27	2	lambda Cancri	5.9	1251	oc	296	89	29	-0.27
105	27	4		7.5	80165	oc	334	116	47	-0.26
106	30	2		7.5	99272	oc	337	80	5	-0.06
107	30	3		8.9	99279	oc	287	88	11	-0.06
108	X 15	23		6.3	4	zc	36	211	32	+0.96
109	18	22		6.6	421	oc	237	138	50	-0.97
110	19	20		5.4	556	oc	224	93	32	-0.92
111	19	20	26 Tauri	6.5	559	oc	307	97	35	-0.91
112	19	21		6.2	564	oc	254	102	39	-0.91
113	19	21		6.8	567	oc	277	104	40	-0.91
114	19	21		7.0	570	oc	283	110	44	-0.91
115	20	1		6.2	587	oc	260	179	61	-0.90
116	21	0		7.0	746	oc	286	138	59	-0.83
117	21	2		6.6	756	oc	333	213	63	-0.82
118	21	19		5.6	885	oc	302	57	10	-0.75
119	21	19	136 Tauri	4.6	890	oc	191	63	14	-0.75
120	23	4		7.2	99111	oc	294	205	62	-0.62
121	23	4		6.6	1093	oc	294	205	62	-0.62
122	24	0	4 Cancri	6.3	1211	oc	296	92	34	-0.53
123	24	4		7.3	79980	oc	331	165	61	-0.51
124	29	3		6.2	1730	oc	342	97	5	-0.10
125	30	3		8.1	138921	oc	4	105	5	-0.05
126	30	4		7.7	138924	oc	326	108	6	-0.05
127	XI 7	16	omega Sagittarii	4.7	2910	zc	353	199	12	+0.33
128	7	17	60 Sagittarii	4.8	2914	zc	32	206	7	+0.34
129	10	20		6.7	3339	zc	86	206	22	+0.67
130	10	21	70 Aquarii (FM)	6.2	3347	zc	46	228	15	+0.68
131	12	17	44 Piscium	5.8	50	zc	53	132	29	+0.86
132	14	16	19 Arietis	5.7	326	zc	49	91	20	+0.98
133	15	1	27 Arietis	6.2	371	zc	39	257	31	+0.99
134	16	20	chi Tauri	5.4	647	oc	271	115	48	-0.98
135	18	22	49 Aurigae	5.3	1008	oc	323	102	44	-0.87
136	19	3		6.7	1035	oc	278	229	57	-0.86
137	20	2	76 Geminorum	5.3	1169	oc	284	176	62	-0.78
138	24	3		7.3	118636	oc	313	128	33	-0.39
139	24	4	chi Leonis	4.6	1609	oc	309	145	39	-0.39
140	24	5		7.3	118658	oc	311	162	43	-0.39
141	25	0		6.9	1696	oc	282	98	9	-0.31
142	26	4		6.9	1795	oc	352	140	25	-0.22
143	XII 6	18		6.9	164516	zc	113	219	10	+0.29
144	6	18		7.2	164524	zc	59	222	9	+0.29
145	7	15	50 Aquarii	5.8	3288	zc	47	167	22	+0.39
146	7	18		6.4	3303	zc	113	219	16	+0.40
147	8	16		6.7	3422	zc	97	170	29	+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
99	4	19.1	21.9			27.1		23.2	22.4	16.5		25.4	21.6
100	0	54.1	52.7	46.5	47.0	49.9	51.1	54.6	49.1	49.4	52.0	46.6	47.2
101	22	24.0	22.5	16.0	14.2	19.3	16.4	22.0	21.8	24.7	19.1	19.7	21.9
102	23	24.3	23.2	18.6	17.9	20.9	20.1	23.5	21.8	23.2	21.5	20.2	21.3
103	1	23.3	23.2	22.4	23.2	23.0	24.6	24.4	21.7	20.6	24.1	21.3	20.8
104	2	12.5	11.8	09.0	09.8	10.6	12.2	13.3	09.6	09.2	12.1	08.3	08.3
105	4									14.6			
106	2	33.3	33.7	34.4	34.7	34.3	34.8	33.9	33.8		34.4	34.0	33.7
107	3	35.2	34.2	29.8		32.2			32.4	33.2		30.6	31.5
108	23	13.9	13.7	13.7	15.3	13.6	16.1	15.0	11.8	10.7	14.9	11.4	10.5
109	22	17.9	16.7	11.8	12.5	14.4	16.0	18.6	13.3	13.1	16.4	11.2	11.4
110	20	30.0	28.2	20.7	19.7	24.5	23.2	28.8	25.9	28.0	25.5	23.2	25.0
111	20	52.9	52.4	50.8	52.4	51.9	54.8	54.7	49.4	47.2	54.0	48.5	47.4
112	21	17.0	15.6	10.3	10.7	13.1	13.9	17.1	12.8	13.3	14.7	10.6	11.3
113	21	25.5	24.5	20.9	22.0	22.8	24.8	26.4	21.5	20.8	24.8	19.8	19.7
114	21	50.7	49.9	47.3	48.8	48.8	51.5	52.1	46.8	45.5	51.0	45.4	44.8
115	1	09.1	09.1	09.2	11.5	09.5	13.5	11.5	06.2	03.4	11.8	05.7	04.0
116	0	37.8	37.9	38.6	41.2	38.6	43.1	40.5	35.0	31.9	41.0	34.7	32.8
117	2			54.9	58.6	47.1	53.9		39.5		46.8	46.5	40.1
118	19	24.9	24.1	20.6	20.0	22.3	21.5	24.2	23.2	24.4	22.7	22.0	22.9
119	19	53.3								58.0			
120	4	62.2							63.1	58.7		64.8	61.8
121	4	62.2	63.7	70.2		67.1		65.2	63.1	58.7	68.3	64.8	61.8
122	0	30.4	29.8	27.3	28.4	28.8	30.8	31.4	27.4	26.6	30.4	26.2	25.9
123	4	28.9	31.6	41.4	44.3	36.8	41.3	32.3	32.5	27.5	37.2	35.5	31.9
124	3	03.6	04.5	07.0	07.6	06.0	06.9	04.4	05.2	04.2	05.9	06.0	05.4
125	3			39.3	39.7		36.1						
126	4	23.6	23.9	24.4		24.3		24.1	23.7	23.2	24.6	23.7	23.4
127	16				43.3								
128	17	51.9	52.2	53.7	54.9	52.9	54.8	52.9	51.4	50.2	53.7	51.7	50.7
129	20	09.3	10.4	17.4	21.7	13.7	19.8	12.5	09.0	04.7	15.5	10.6	07.3
130	21	39.7	40.0	42.2	43.5	41.1			39.5	38.1	41.6	40.0	38.9
131	17	21.7	20.5	16.4	17.7	18.5	20.7	22.4	17.3	17.2	20.6	15.3	15.4
132	16	35.6	34.1	28.1	27.8	31.1	30.6	34.8	32.0	33.8	32.1	29.7	31.1
133	1		62.1	62.9	64.1	62.4	64.3		60.7	59.3	63.3	60.8	59.8
134	20	56.8	56.0	52.8	54.2	54.6	57.1	58.1	52.8	51.7	56.8	51.3	50.8
135	22	21.4	22.3	25.0	27.5	24.1	28.5	24.6	20.3	16.3	26.1	20.8	18.5
136	3	47.4	48.7	54.3	56.9	51.7	55.7	50.0	48.0	44.1	52.7	49.6	46.9
137	2	44.6	45.5	49.3	52.4	47.6	52.6	47.6	43.5	39.6	49.6	44.1	41.5
138	3	09.1	09.6	11.8	14.0	10.9	14.2	11.0	08.2	05.9	12.2	08.5	06.9
139	4	12.0	12.7	16.3	18.9	14.6	18.7	14.3	11.3	08.3	16.1	12.0	09.9
140	5	05.4	06.5	11.6	14.3	09.1	13.3	07.9	05.5	02.0	10.4	06.8	04.3
141	0	51.6	50.6	46.0	46.0	48.5	48.6	51.4	48.8		49.5	47.0	
142	4	45.9	47.9	54.4	55.5	51.3	52.5	46.9	49.9	47.8	50.4	51.9	50.3
143	18	22.7	25.6						25.5	18.2			24.0
144	18			39.8					35.7	33.5		36.7	35.1
145	15	34.5	34.0	32.8	35.0	33.5	37.0	36.2	31.1	29.5	35.7	30.0	29.1
146	18	63.4	66.6					69.3	66.8	58.6			65.1
147	16	40.8	41.3	47.1	54.9	43.8	53.8	45.0	37.7	33.2	47.5	38.2	34.8

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
148	XII 8	19		6.2	3432	zc	358	231	20	+0.51
149	9	15		6.3	4	zc	40	137	28	+0.61
150	10	17		6.7	132	zc	17	149	40	+0.73
151	10	20	epsilon Piscium	4.3	146	zc	345	229	39	+0.74
152	12	18		6.6	421	zc	89	129	47	+0.91
153	13	16		5.4	556	zc	101	94	33	+0.96
154	13	17	26 Tauri	6.5	559	zc	22	101	38	+0.96
155	13	17		6.2	564	zc	69	102	39	+0.96
156	13	17		6.8	567	zc	46	105	41	+0.96
157	13	21		6.2	587	zc	61	179	61	+0.97
158	15	16	136 Tauri	4.6	890	oc	253	68	18	-0.00
159	16	23	47 Geminorum	5.8	1088	oc	266	148	61	-0.97
160	17	2		6.5	1105	oc	290	227	57	-0.96
161	18	9	Mars	-0.9	—	zj	99	301	5	-0.89
162	22	5	89 Leonis	5.8	1678	oc	343	199	38	-0.56
163	28	5		5.4	2312	oc	270	144	4	-0.07

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	19		58.1	49.5	49.1	52.8	51.5	57.8	55.5		53.4	51.9	54.9
149	15	30.4	29.1	24.7	25.8	27.0	29.0	30.9	25.9	26.0	29.0	23.8	24.1
150	17	10.5	09.0	03.4	04.2	06.2	07.4	10.4	06.0	07.0	08.0	03.5	04.4
151	20				42.8								
152	18	15.0	14.5	14.2	17.6	14.2	19.2	17.1	11.0	09.2	16.9	10.0	08.7
153	16	60.4	59.5	57.1	59.1	58.2	61.1	61.3	56.7	56.4	60.2	55.3	55.1
154	17	34.0	31.8	23.9	23.5	27.8	27.0	32.6	29.2	32.1	29.0	26.2	28.2
155	17	38.5	37.1	32.5	33.5	34.8	36.3	38.7	34.3	34.8	36.6	32.2	32.8
156	17	51.5	49.8	43.8	44.2	46.8	47.5	51.1	46.9	48.3	48.4	44.4	45.5
157	21	32.4	31.9	31.6	34.3	31.7	35.8	34.2	28.7	26.7	34.0	27.9	26.5
158	16	54.5	53.0	46.9	45.8	50.0	48.3	53.2	51.7	53.9	50.4	49.5	51.3
159	23	29.5	29.3	28.6	31.3	29.3	33.8	31.9	25.9	23.4	32.0	25.0	23.5
160	2	23.7	25.3	31.9	34.3	28.7	32.5	26.3	25.2	21.2	29.4	27.2	24.3
161	9	15.6								18.5			
162	5	32.6	34.5	42.7	44.2	38.6	40.7	34.3	36.2	33.0	38.0	39.0	36.5
163	5			37.0	38.9	38.6			36.6			34.9	34.4