

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
1	I 1	3		6.3	1716	oc	331	167	36	-0.60
2	4	2	96 Virginis	6.5	2028	oc	260	126	11	-0.32
3	7	3	24 (Scorpii)/Ophiuchi	4.9	2399	oc	321	121	2	-0.09
4	7	4		6.7	2396	oc	243	124	4	-0.09
5	12	16	50 Capricorni	7.0	3189	zc	119	230	12	+0.08
6	12	16	lambda Capricorni	5.6	3188	zc	43	233	10	+0.08
7	13	17		7.7	146272	zc	30	237	15	+0.16
8	16	19	mu Piscium	4.8	219	zc	75	227	33	+0.47
9	17	18		6.9	110516	zc	149	204	43	+0.59
10	17	19		7.1	352	zc	13	218	45	+0.59
11	17	20	25 (Arietis)/Ceti	6.5	362	zc	88	231	36	+0.59
12	18	18		7.1	93387	zc	62	177	49	+0.69
13	19	22	70 Tauri	6.6	659	zc	141	253	34	+0.81
14	20	0	75 Tauri	5.0	667	zc	53	270	22	+0.81
15	20	0	theta 1 Tauri	3.8	669	zc	135	265	23	+0.81
16	20	0		6.7	672	zc	92	267	23	+0.81
17	20	0	theta 2 Tauri	3.4	671	zc	179	272	19	+0.81
18	20	0	theta 2 Tauri	3.4	671	oj	192	273	18	+0.81
19	20	1		4.8	677	zc	99	278	14	+0.81
20	20	1		6.5	680	zc	104	273	18	+0.81
21	20	23	111 Tauri	5.0	806	zc	121	248	39	+0.89
22	21	1	117 Tauri	5.8	820	zc	161	272	21	+0.89
23	21	18	124 H1. Orionis	5.9	944	zc	76	134	51	+0.94
24	21	22		6.3	970	zc	100	228	50	+0.95
25	21	23		6.8	975	zc	138	244	42	+0.95
26	22	19		6.5	1091	zc	127	129	43	+0.98
27	27	21	tau Leonis	5.0	1663	oc	263	110	20	-0.86
28	28	0		6.5	1676	oc	322	163	42	-0.85
29	30	4	Apami-Atsa = theta Vir.	4.4	1891	oc	334	202	33	-0.68
30	II 1	4		6.8	2097	oc	299	174	28	-0.49
31	10	17		6.8	3437	zc	132	258	4	+0.06
32	10	17		8.8	146655	zc	138	252	8	+0.06
33	11	18		7.9	109113	zc	46	256	12	+0.13
34	13	16	WZ Piscium	6.3	308	zc	157	202	44	+0.31
35	13	17		7.3	315	zc	57	219	41	+0.32
36	13	19	xi 1 Ceti	4.4	327	zc	136	253	24	+0.33
37	15	20		6.0	608	zc	126	243	38	+0.55
38	19	23	1 Cancri	5.8	1197	zc	83	230	44	+0.92
39	21	17	xi Leonis	5.0	1409	zc	84	101	23	+0.99
40	21	22		6.7	1423	zc	93	173	48	+0.99
41	24	21		6.2	1730	oc	316	124	24	-0.96
42	26	3		6.5	1850	oc	311	219	26	-0.90
43	29	4		6.8	2180	oc	265	200	22	-0.67
44	III 1	2	49 Librae	5.5	2291	oc	216	160	19	-0.58
45	11	17		7.4	110154	zc	116	261	16	+0.10
46	11	19		7.4	281	zc	81	274	6	+0.10
47	14	9	theta 2 Tauri	3.4	671	zc	63	81	13	+0.36
48	15	17		7.0	858	zc	99	188	57	+0.50
49	15	20	130 Tauri	5.5	878	zc	40	250	37	+0.51

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	3	17.2	19.8	29.2	31.4	24.6	27.7	19.4	21.7	18.0	24.3	24.6	21.8
2	2	28.7	27.7	23.9	25.2	25.9	28.1	29.4	24.8	24.6	27.9	22.9	23.0
3	3			59.8	59.9		59.0						
4	4				06.9		10.5						
5	16	25.7	27.2	35.0	38.0	30.9	35.2	28.3	27.2	23.2	31.6	29.6	26.5
6	16	40.9	40.5	40.0	40.6	40.1	40.9	41.0	39.6	39.7	40.6	39.2	39.0
7	17			32.8	32.7	35.6	34.7		37.9		36.4	34.4	36.9
8	19	04.3	04.5	06.3	08.4	05.4	08.5	06.0	02.7	00.5	06.8	02.9	01.3
9	18	34.5	37.3			47.9		39.7	37.7	29.4	48.3	46.6	36.7
10	19			02.7	00.6								
11	20	06.0	06.6	10.4	12.7	08.4	12.0	08.1	05.3	02.3	09.7	06.3	04.0
12	18	07.5	06.5	03.8	06.0	05.1	08.6	08.9	02.8	01.7	07.6	01.1	00.4
13	22	41.7	43.7	53.4	55.4	48.4	51.5	44.2	45.1	40.8	48.2	48.6	45.3
14	0	15.8	15.4	15.7	16.8	15.4	17.4	16.9	13.7	12.2	16.5	13.7	12.6
15	0	09.0	11.2	21.2	22.0	16.0	17.3	10.6	14.1	10.8	14.7	18.1	15.4
16	0	15.0	16.2						17.1	14.7		19.0	17.2
17	0	28.8						31.5					
18	0	38.4						38.5					
19	0	56.6	57.8	62.5	63.1	60.1	61.1	57.6	58.9	57.0	59.7	60.7	59.3
20	1									02.8			
21	23	13.3	14.9	22.6	24.7	18.7	22.1	15.8	15.4	11.4	19.0	18.0	15.0
22	1	07.5	10.1	22.0	22.3	15.5	16.3	09.1	14.1	10.8	13.6	19.1	16.3
23	18	63.8	62.5	58.8	60.8	60.5	63.7	64.9	58.6	57.9	63.1	56.6	56.3
24	22	53.1	54.0	59.4	62.1	56.6	61.1	55.8	52.8	48.8	58.1	54.3	51.4
25	23	45.1	47.3	57.2		52.1	55.5	47.9	48.7	44.2	52.0	52.3	48.8
26	19	26.5											
27	21	28.4	27.8	25.6	26.4	26.9	28.3	29.0	26.1	25.9	28.2	25.0	25.1
28	0	35.0	38.6	49.3	51.3	44.4	47.2	37.3	41.4	37.6	43.4	44.8	41.8
29	4	04.7	08.7	21.1	22.9	15.2	17.1	05.5	12.7	09.1	13.3	16.6	13.6
30	4	03.8	04.5	08.5	11.1	06.6	10.7	06.1	03.2	00.1	08.0	04.1	01.9
31	17	38.0	39.4	45.9	47.2	42.5	44.4	39.5	40.5	37.9	42.2	42.7	40.7
32	17								35.1	31.5		38.4	35.5
33	18			11.5	11.6	14.0						12.4	13.8
34	16	01.5	03.5			09.9	21.5	06.2			11.8	06.5	
35	17	26.7	26.0	24.6	26.4	25.2	27.9	27.8	23.2	22.1	27.0	22.1	21.3
36	19	37.0	39.0	48.5	50.4	43.5	46.3	39.3	40.5	36.6	43.1	43.9	40.8
37	20	25.0	26.8	35.5	37.7	31.0	34.5	27.6	27.5	23.3	31.2	30.6	27.3
38	23	10.5	11.7	17.4	19.9	14.6	18.7	13.3	10.8	06.9	15.7	12.6	09.7
39	17	55.8	54.8	51.8	52.8	53.2	54.7	56.2	52.4	52.5	54.6	51.0	51.1
40	22	09.9	10.5	14.8	17.8	12.6	17.7	12.8	08.5	04.7	14.6	09.5	06.8
41	21	13.9	15.8	21.4	22.9	19.0	21.4	15.8	16.9	14.4	19.0	18.5	16.8
42	3	40.4	42.6	51.9	54.3	47.2	50.9	43.1	43.8	39.6	47.3	46.9	43.8
43	4		50.6			53.3			48.8	44.5		50.1	47.1
44	2	39.7	38.1	31.7	35.8	35.6	41.7	42.2	31.1	28.8	40.3	27.0	25.9
45	17	53.2	54.6	60.6	61.9	57.5	59.5	54.8	55.5		57.4	57.6	55.5
46	19									34.9			36.0
47	9	46.0	44.3		36.6		39.3	44.5			41.5		
48	17			04.9	08.0	03.6	08.5	04.9			05.8		
49	20	37.5	36.5	36.0	38.0	36.0	39.5	39.2	33.2	30.9	38.2	32.7	31.1

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
50	15	20		7.3	94872	zc	109	254	34	+0.51
51	16	19	26 Geminorum	5.2	1029	zc	47	219	50	+0.62
52	26	2	96 Virginis	6.5	2028	oc	214	201	25	-0.94
53	26	4	kappa Virginis	4.2	2033	oc	307	235	12	-0.94
54	28	2	eta Librae	5.4	2247	oc	266	181	24	-0.82
55	31	3	Y Sagittarii	5.8	2658	oc	337	173	21	-0.55
56	IV 6	7	Wenus	-3.8	—	zj	53	141	32	-0.02
57	6	8	Wenus	-3.8	—	oc	309	159	37	-0.02
58	10	16	Hyadum I = gamma Tauri	3.7	635	zc	128	236	44	+0.15
59	10	17	Hyadum I = gamma Tauri	3.7	635	oj	244	252	34	+0.15
60	10	18	70 Tauri	6.6	659	zc	88	270	21	+0.15
61	10	19	71 Tauri (V777)	4.5	661	zc	175	277	14	+0.16
62	10	19	71 Tauri (V777)	4.5	661	oj	190	273	18	+0.16
63	10	20	theta 1 Tauri	3.8	669	zc	93	283	10	+0.16
64	10	20	theta 2 Tauri	3.4	671	zc	113	284	9	+0.16
65	10	20		6.7	672	zc	47	287	7	+0.16
66	10	21		4.8	677	zc	42	294	1	+0.16
67	10	21		6.5	680	zc	53	291	4	+0.16
68	10	21	81 Tauri	5.5	678	zc	160	294	2	+0.16
69	10	21	85 Tauri	6.0	682	zc	123	292	3	+0.16
70	11	18	111 Tauri	5.0	806	zc	89	254	36	+0.24
71	11	18		7.6	94531	zc	130	258	33	+0.25
72	11	20	117 Tauri	5.8	820	zc	116	273	20	+0.25
73	11	21	167 H1. Tauri	6.1	834	zc	153	293	4	+0.26
74	11	21		6.5	94631	zc	149	292	5	+0.26
75	12	17		6.3	970	zc	77	227	49	+0.35
76	12	18		6.8	975	zc	117	238	45	+0.35
77	13	20		7.1	96848	zc	106	256	33	+0.46
78	18	20		6.5	1676	zc	38	190	42	+0.90
79	21	0	Apami-Atsa = theta Vir.	4.4	1891	zc	33	228	23	+0.99
80	28	2		6.6	2755	oc	329	163	20	-0.71
81	V 8	7	Aldebaran = alpha Tauri	0.9	692	zc	3	98	28	+0.04
82	8	7	Aldebaran = alpha Tauri	0.9	692	oj	348	99	29	+0.04
83	9	19		7.9	95157	zc	102	282	13	+0.12
84	11	18	1 Cancri	5.8	1197	zc	130	252	35	+0.30
85	12	22		6.5	1344	zc	86	282	7	+0.42
86	13	19		7.0	1433	zc	113	237	37	+0.51
87	13	21		6.9	98747	zc	147	256	25	+0.51
88	14	21	48 Leonis	5.1	1549	zc	95	245	28	+0.61
89	17	21		6.5	1850	zc	69	216	30	+0.86
90	26	2		5.7	2865	oc	281	185	20	-0.83
91	30	3	phi Aquarii	4.2	3412	oc	193	152	30	-0.43
92	VI 14	19		6.6	1920	zc	35	203	31	+0.73
93	15	22	kappa Virginis	4.2	2033	zc	84	234	14	+0.82
94	17	19	eta Librae	5.4	2247	zc	83	164	23	+0.93
95	21	23	43 Sagittarii	4.9	2814	oc	254	174	21	-0.98
96	25	23	lambda Aquarii	3.7	3353	oc	330	119	13	-0.69
97	VII 23	1		6.4	3333	oc	345	186	32	-0.89
98	24	23	10 Ceti	6.4	55	oc	330	119	22	-0.72

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	20								53.7	50.4		56.2	53.8
51	19	42.2	41.3	41.0	43.9	41.0	45.8	44.5	37.3	34.4	43.9	36.6	34.7
52	1	65.6	66.0	68.1	71.9	67.4	73.4	69.1	62.2	57.8	70.3	61.9	59.0
53	4	25.6	27.8			32.6			29.0	24.6		32.2	29.0
54	1	60.8	61.1	63.7	67.0	62.5	67.8	63.7	58.3	54.7	64.9	58.5	56.1
55	3		49.9	59.6	63.2	55.3	61.3	50.7	50.7	45.9	56.4	53.3	49.9
56	7	46.2	44.3	37.1	37.8	40.7	41.9	46.0	40.5	41.8	42.8	37.3	38.4
57	8	35.2	35.5	37.4	40.8	36.8	42.5	38.8	32.1	27.8	39.7	32.1	29.4
58	16	06.5	08.0	15.5	18.2	11.6	15.8	09.3	07.7	03.4	12.4	10.1	06.8
59	17				13.2		13.8						
60	18	50.6	51.5	55.6	56.6	53.5	55.2	51.9	51.9	49.8	53.6	53.3	51.8
61	19	22.2	25.9					23.7		31.1	31.4		
62	19									37.0			
63	20	02.6	03.6	07.6	07.9	05.6	06.1	03.3	04.8	03.4	05.0	06.4	05.3
64	20	03.8	05.0	10.2	10.4	07.6	07.9	04.5	06.8	05.3	06.7	08.9	07.7
65	20	28.3	27.8	27.5	27.8	27.5	28.2	28.7	26.8	26.2	28.0	26.8	26.3
66	21	06.6	05.8	04.5		04.9		06.8	04.6	04.4	05.5	04.3	04.2
67	21	03.3	03.5						03.7	03.2		04.2	03.8
68	21	03.0	05.6					03.3	12.9	10.7			
69	21									21.7			
70	18	17.9	18.8	23.5	25.3	21.1	24.2	19.9	18.3	15.2	21.9	19.8	17.6
71	18		33.1	41.5	43.1	37.2	39.8	33.4			37.0	37.6	
72	19	55.7	57.3	63.8	64.5	60.5	61.8	57.1	59.0	56.5	59.9	61.4	59.6
73	21	49.9	52.0			56.2		50.1	56.6	55.2	53.7	60.6	59.2
74	21	50.3	52.5					50.6	57.1	55.8			59.8
75	17				27.4		27.5						
76	18	05.7	07.2	14.8	17.2	11.0	14.9	08.5	07.3		11.6	09.8	06.7
77	20	19.7	21.3	28.5	30.1	24.9	27.5	21.8	22.2	18.8	24.9	24.8	22.2
78	20	57.8	56.6	55.1	59.4	55.8	63.3	61.8	50.3	46.2	60.5	48.9	46.3
79	0	43.8	44.2	47.5	50.4	45.9	50.8	46.9	41.6	37.3	48.1	42.2	39.5
80	2			02.1	05.2								
81	7			47.2	42.3								
82	7			54.5	60.3								
83	19			34.3	34.7								
84	18	44.2	46.3	55.5	56.9	50.9	53.3	46.5	48.2		50.3	51.7	48.9
85	22									58.3			
86	19	36.4	38.3	46.5	48.6	42.3	45.8	39.0	39.1	35.0	42.6	41.9	39.0
87	20	59.8	62.2	72.7	73.6	67.3	68.8	61.6	65.6	62.4	65.9	69.7	67.1
88	21	09.9	11.6	19.1	21.0	15.3	18.5	12.3	12.3	08.5	15.6	14.9	12.1
89	21	48.2	49.3	54.8	58.0	52.1	57.3	51.5	47.7	43.2	53.9	49.1	46.0
90	2									37.7		42.0	39.4
91	3	61.2	59.1	46.6		54.1	50.8	60.4	55.4	57.1	55.7	51.6	53.6
92	19		45.6	46.5	50.7	46.2	53.3	50.0	40.5		50.1	40.0	
93	22	37.6	39.2	46.1	48.3	42.6	46.4	40.2	39.2	35.1	43.3	41.4	38.4
94	19	37.7	37.4	37.6	40.5	37.5	42.4	40.2	34.0		40.2	33.3	31.6
95	23	32.2	32.0	31.9	34.7	32.1	36.6	34.6	28.6	25.8	34.7	27.8	26.1
96	23	20.9	20.6	19.1	20.4	19.9	22.2	22.0	18.5	17.8	21.5	17.7	17.3
97	1			39.4	46.5		43.8						
98	23	18.5	18.6	18.7	20.7	18.9	22.6	20.9	16.1	13.5	21.0	15.8	14.4

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
99	27	23		6.0	462	oc	255	78	5	-0.38
100	29	2	48 Tauri	6.3	626	oc	285	104	31	-0.26
101	29	3	Hyadum I = gamma Tauri	3.7	635	zj	65	113	36	-0.26
102	29	4	Hyadum I = gamma Tauri	3.7	635	oc	277	134	48	-0.25
103	29	7	71 Tauri (V777)	4.5	661	oc	195	204	50	-0.24
104	29	8	theta 2 Tauri	3.4	671	zj	125	220	50	-0.24
105	29	9	theta 2 Tauri	3.4	671	oc	237	238	43	-0.24
106	29	9	theta 1 Tauri	3.8	669	oc	259	239	43	-0.24
107	31	2	124 H1. Orionis	5.9	944	oc	281	84	18	-0.09
108	VIII 6	10	Zavijava = beta Virginis	3.6	1712	zc	102	121	24	+0.13
109	11	18		6.5	2280	zc	81	200	21	+0.60
110	19	22	phi Aquarii	4.2	3412	oc	340	155	29	-0.97
111	20	1		6.2	3432	oc	219	203	29	-0.96
112	23	1		6.4	303	oc	298	149	42	-0.73
113	24	3		7.1	453	oc	240	168	48	-0.62
114	26	0		7.2	94206	oc	285	92	23	-0.40
115	26	0		7.3	94220	oc	294	99	29	-0.40
116	27	0		7.3	896	oc	213	85	18	-0.29
117	28	1		7.7	96261	oc	285	86	19	-0.19
118	28	2		6.8	1057	oc	294	94	26	-0.19
119	IX 3	9	Zaniah = eta Virginis	3.9	1772	zc	111	127	26	+0.04
120	5	18	95 Virginis	5.5	2022	zc	66	251	3	+0.17
121	7	15	gamma Librae	3.9	2223	zc	49	183	23	+0.33
122	11	17		6.4	2774	zc	107	167	18	+0.71
123	11	17		6.2	2773	zc	145	170	18	+0.72
124	11	20		6.3	2787	zc	41	207	15	+0.72
125	15	23	lambda Aquarii	3.7	3353	zc	18	204	29	+0.99
126	18	22	nu Piscium	4.5	249	oc	210	130	32	-0.93
127	19	23		6.5	398	oc	345	147	47	-0.86
128	20	19	5 Tauri	4.1	508	oc	266	75	5	-0.78
129	21	22		6.6	695	oc	250	94	23	-0.66
130	21	23	89 Tauri	5.8	699	oc	267	103	30	-0.66
131	21	23	sigma 2 Tauri	4.7	704	oc	228	107	33	-0.66
132	21	23	sigma 1 Tauri	5.1	702	oc	204	98	26	-0.66
133	23	0		7.0	858	oc	251	114	39	-0.54
134	23	4	130 Tauri	5.5	878	oc	262	180	56	-0.53
135	24	2	26 Geminorum	5.2	1029	oc	225	119	41	-0.42
136	24	22		5.5	1141	oc	301	68	4	-0.33
137	25	1		6.9	97083	oc	264	95	25	-0.32
138	26	1		7.4	97901	oc	329	87	17	-0.22
139	27	2		7.5	98580	oc	288	91	17	-0.14
140	27	3		6.9	1399	oc	296	97	20	-0.14
141	28	3		7.8	118218	oc	332	89	11	-0.07
142	28	3		8.2	118219	oc	271	95	15	-0.07
143	X 8	16		6.3	2715	zc	78	182	17	+0.45
144	8	17		6.7	2718	zc	90	193	17	+0.45
145	9	18		5.7	2865	zc	30	189	18	+0.55
146	10	20		6.2	3005	zc	128	214	14	+0.66
147	13	21		6.2	3432	zc	126	184	31	+0.92

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	23	10.3	08.8	02.8	01.8	05.8	04.3	09.0	07.4	09.6	06.3	05.2	07.0
100	2	34.0	33.1	29.7	30.5	31.5	33.1	34.7	30.5	30.2	33.2	28.9	29.0
101	3											25.9	26.8
102	4	35.3	34.8	33.4	35.4	34.3	37.9	37.2	31.7	29.7	36.7	30.6	29.6
103	7	40.6	36.3					39.5					
104	8			19.8	23.0	16.2	21.3		11.8		17.6	13.8	10.4
105	9	18.3	18.6	19.5	21.5	19.4	22.9	20.4	16.5	13.9	21.2	16.3	14.8
106	9	19.2	20.1	23.7	25.9	22.2	25.9	21.6	18.9	15.6	23.5	19.8	17.6
107	2			47.7								48.2	48.8
108	9	60.4	60.0	60.1	61.5	59.9	62.1	61.4	58.4	57.4	61.1	58.1	57.3
109	18				24.4		24.5						
110	22		20.3	27.8	31.9	25.3	32.7	24.8	17.6		28.4	20.1	14.6
111	1	51.4	49.9					50.8	47.2	48.3			45.9
112	0	62.7	62.4	62.1	64.6	62.5	66.8	65.0	59.1	56.4	65.0	58.4	56.8
113	3								26.3	25.7		23.9	24.0
114	0				09.8			12.1					
115	0							51.2					
116	0	42.4	40.2					40.4					
117	1	42.5	41.8	38.6	38.7	40.3	40.7	42.6	40.2	40.6	41.2	38.9	39.4
118	2	22.5	22.1	20.3	21.1	21.3	22.8	23.3	20.3	19.7	22.6	19.5	19.3
119	9			05.5	07.0			07.4					
120	18		37.9	43.8		40.9			38.8			40.9	38.9
121	15	11.6	11.2	11.7	15.4	11.6	17.7	14.8	06.9	03.1	15.0	06.2	03.8
122	17			22.9	25.8		27.4				25.2		
123	17		31.8	35.7	39.1	33.6	39.0	34.2			35.8	30.3	
124	20	10.0	09.7	09.1	10.8	09.3	11.8	11.0	07.5	06.3	10.8	06.8	06.0
125	23			02.4	00.6								
126	22	12.7	09.8					10.5	06.2	09.6		01.1	04.7
127	23				50.0								
128	19	34.1	32.8	27.3	26.4	30.1	28.5	32.8	31.6		30.4		
129	22	23.8	22.2	15.9	15.5	19.1	18.6	23.1	20.0	21.5	20.2	17.6	19.0
130	22	65.7	64.4	59.4	59.8	62.0	62.7	65.7	61.8	62.4	63.5	59.8	60.5
131	23	28.4	26.5	18.5	17.8	22.7	22.1	27.7	23.5	25.2	24.2	20.4	22.1
132	22	68.9	65.6					65.8	62.2	67.1		55.5	61.2
133	0	59.7	58.4	53.0	53.7	55.9	57.2	60.1	55.2	55.5	57.8	53.0	53.5
134	4	11.6	11.6	11.9	14.6	12.1	16.5	14.1	08.5	05.7	14.5	08.0	06.2
135	2	14.7	12.9	04.8	04.9	09.2	10.0	14.8	09.0	09.9	11.5	05.8	07.0
136	22	51.7	51.4	49.7	49.3	50.6	50.2	51.5			50.8		
137	1	17.8	16.7	12.5	12.7	14.7	15.3	17.8	14.6	15.1	16.0	12.9	13.5
138	1			22.9	24.3	20.1	23.5				20.6	19.2	
139	2	51.8	51.4	49.7	50.3	50.7	51.9	52.4	49.9	49.7	51.7	49.2	49.1
140	3	17.9	17.8	17.4	18.4	17.8	19.6	18.9	16.5	15.5	18.9	16.1	15.5
141	3	13.3	16.4	21.9	23.0	20.0	22.2	16.6	17.9	14.3	20.2	19.7	18.0
142	3								41.9	42.1		40.6	41.0
143	16	50.1	50.3	52.6	55.7	51.6	56.5	52.8	47.5	44.0	53.9	47.6	45.3
144	17		35.3	39.6	42.7	37.4	42.6		33.2	29.3	39.4	34.1	31.3
145	18	05.8	05.1	03.1	04.8	04.1	06.7	06.8	02.2	01.3	06.0	00.9	00.3
146	20		42.9	52.8		47.6			42.4	37.0		45.2	41.2
147	21	10.1	11.0	17.2	21.8	13.9	20.7	13.7	08.6	04.1	16.3	09.8	06.4

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
148	17	20		6.0	462	oc	248	110	28	-0.95
149	18	22	48 Tauri	6.3	626	oc	280	121	39	-0.88
150	18	23	Hyadum I = gamma Tauri	3.7	635	zj	76	135	45	-0.88
151	19	0	Hyadum I = gamma Tauri	3.7	635	oc	276	158	51	-0.88
152	19	3	70 Tauri	6.6	659	oc	282	223	46	-0.87
153	19	3	theta 1 Tauri	3.8	669	zj	96	228	44	-0.87
154	19	3	71 Tauri (V777)	4.5	661	oc	191	225	44	-0.87
155	19	3	theta 2 Tauri	3.4	671	zj	116	229	44	-0.87
156	19	4	theta 2 Tauri	3.4	671	oc	247	246	36	-0.87
157	19	4	theta 1 Tauri	3.8	669	oc	267	246	36	-0.87
158	19	5		6.7	672	oc	307	248	35	-0.87
159	19	5		4.8	677	oc	306	258	29	-0.87
160	20	2	111 Tauri	5.0	806	oc	233	180	55	-0.79
161	20	21	124 H1. Orionis	5.9	944	oc	271	81	16	-0.70
162	20	23		6.3	970	oc	198	115	40	-0.69
163	22	1		7.2	1116	oc	261	130	46	-0.58
164	23	1	23 H1. Cancri	6.4	1246	oc	237	107	32	-0.47
165	25	2	31 Leonis = A Leonis	4.4	1486	zj	64	112	28	-0.26
166	25	3	31 Leonis = A Leonis	4.4	1486	oc	285	129	37	-0.26
167	25	4		7.1	118138	oc	221	145	43	-0.26
168	26	3	56 Leonis (VY)	5.9	1589	oc	214	115	26	-0.18
169	27	8	Zavijava = beta Virginis	3.6	1712	oc	265	195	39	-0.10
170	28	3		8.8	1791	oc	278	103	8	-0.06
171	28	5		7.3	138836	oc	211	117	17	-0.05
172	XI 5	15	43 Sagittarii	4.9	2814	zc	65	194	18	+0.29
173	5	16		7.0	2816	zc	46	202	17	+0.29
174	10	22	24 Piscium	5.9	3514	zc	111	230	23	+0.81
175	13	20		6.5	398	zc	43	150	45	+0.99
176	16	2		5.5	741	oc	290	236	44	-0.96
177	16	19	130 Tauri	5.5	878	oc	231	93	25	-0.92
178	18	2		6.0	1072	oc	204	185	56	-0.83
179	19	0		6.1	1198	oc	210	127	44	-0.74
180	19	1	5 Cancri	6.0	1210	oc	221	161	53	-0.73
181	20	23	18 Leonis	5.7	1439	oc	337	91	16	-0.53
182	21	0	19 Leonis	6.4	1441	oc	277	103	25	-0.53
183	23	2		7.5	1668	oc	234	120	26	-0.32
184	23	5		7.3	118917	oc	229	161	40	-0.32
185	24	4	Zaniah = eta Virginis	3.9	1772	zj	162	141	29	-0.23
186	24	4	Zaniah = eta Virginis	3.9	1772	oc	198	147	31	-0.23
187	25	5		8.3	1882	oc	271	138	24	-0.15
188	25	5		8.2	139158	oc	271	141	25	-0.15
189	26	3		7.3	139581	oc	348	114	9	-0.09
190	26	4		6.9	1985	oc	297	125	15	-0.09
191	XII 2	15		6.2	2773	zc	29	216	12	+0.09
192	4	15		7.6	163886	zc	102	198	20	+0.23
193	4	15		7.0	3036	zc	151	201	19	+0.23
194	5	19		6.7	3186	zc	38	238	8	+0.33
195	6	17		6.5	3313	zc	58	203	26	+0.43
196	7	18		7.0	146724	zc	91	214	27	+0.54

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	20	38.3	36.7	30.1	30.0	33.5	33.8	38.0	33.7	34.8	35.1	31.1	32.3
149	22	36.7	35.9	32.8	34.2	34.5	37.1	37.9	32.8	31.8	36.6	31.2	30.9
150	23	30.2	29.2	26.3	28.3	27.8	30.9	31.4	25.8	24.9	30.1	24.1	23.7
151	0	38.4	38.2	37.7	40.1	38.2	42.2	40.7	35.1	32.7	40.6	34.4	33.0
152	3	37.4	38.5	43.2	45.6	41.1	45.0	40.0	37.6	33.9	42.3	38.9	36.4
153	3	56.5	57.4	62.6	65.0	60.0	63.7	58.9	56.6	53.1	61.0	58.1	55.6
154	3	26.4											
155	3	59.8	61.2	68.9	71.4	64.9	68.8	62.4	61.2	57.1	65.5	63.8	60.7
156	4	60.6	61.1	63.0	64.6	62.3	65.0	62.3	59.9	57.6	63.5	60.2	58.8
157	4	61.4	62.5	66.6	68.2	64.6	67.4	63.4	62.1	59.3	65.4	63.4	61.4
158	5									07.8			11.6
159	5									50.6			
160	1	65.5	64.6	60.5	62.3	63.0	66.3	67.2	60.6	59.2	65.8	58.5	58.1
161	21	08.2	07.1	02.6	02.2	04.8	04.4	07.6	05.6	06.8	05.6	03.9	05.0
162	23	00.1	57.2			50.5	47.1	58.8	52.7	55.7	52.8	47.3	50.7
163	1	39.9	39.3	37.0	38.7	38.4	41.6	41.5	36.2	34.8	40.6	34.8	34.1
164	0	63.4	61.9	55.4	55.7	58.9	59.8	63.5	58.6	59.5	60.8	56.0	57.0
165	2	47.7	46.2	41.6	42.6	43.8	45.5	48.0	43.0	43.3	45.7	40.9	41.2
166	3	50.7	51.0	52.1	54.2	51.8	55.2	52.6	49.2	47.1	53.4	49.1	47.8
167	4	60.8	59.6	53.6		57.2			54.4	53.0		51.1	50.9
168	3	36.6	34.4	23.4	23.6	29.7	30.9	36.7	29.6	31.0	32.7	25.1	27.0
169	8	44.3	45.1	49.8	53.0	47.6	52.7	47.3	43.2	39.1	49.5	44.2	41.4
170	3			36.5	36.8	37.7	38.2	39.2			38.4		
171	5									12.3		05.2	07.4
172	15	48.7	48.7	49.8	52.5	49.4	53.6	51.0	45.9	43.0	51.5	45.7	43.8
173	16	20.4	20.1	19.9	21.8	20.0	23.1	21.9	17.7		21.8	17.0	15.8
174	21	60.6	61.6	66.6	69.1	64.0	67.8	62.9	60.8	57.4	65.1	62.1	59.7
175	20	26.3	23.9	16.2	16.8	19.9	20.7	25.5	20.2	22.3	22.0	16.8	18.3
176	2	20.7	22.2	28.3	30.7	25.5	29.4	23.4	21.9	17.9	26.4	23.7	20.9
177	19	57.9	56.2	48.8	48.0	52.6	51.6	56.9	53.8	55.8	53.7	51.1	52.8
178	1	63.3	61.4			56.8	60.0	64.8	54.9	54.8	61.2	48.8	50.8
179	0	18.8	16.5	04.9	04.4	11.7	12.6	19.0	11.5	12.7	14.8	07.0	08.8
180	1	58.3	57.0	50.7	52.7	54.6	58.5	60.1	52.1	50.9	58.1	48.9	48.9
181	22			69.6	71.2	65.1	69.1				64.7	65.2	59.6
182	0	03.9	03.6	01.8	02.6	02.8	04.4	04.7	01.9	01.3	04.1	00.9	00.8
183	2	31.5	30.0		24.9	27.2	29.3	32.1	26.2	26.4	29.6		
184	4	59.5	58.7	55.6	59.1	57.6	63.2	62.1	53.7	51.3	61.3	51.4	50.1
185	4	28.7	35.0					30.7					
186	4	52.0	45.5					54.1					
187	5									19.4			
188	5									30.4			
189	3			55.3	55.7	48.7	48.4		47.2			53.3	51.2
190	4	32.1	32.1	32.2	33.2	32.3	33.9	32.8	31.2	30.5	33.1	30.9	30.5
191	15			18.7	19.5	19.8	20.7	22.1			20.7		
192	15	34.1			41.2	36.3	41.4	36.9			38.4		
193	15	44.1	45.8	56.5	64.3	50.5	59.9	48.8	43.7		53.1	46.2	41.5
194	19			22.5	22.5	24.0						23.4	
195	17	31.4	30.8	29.3	30.9	30.0	32.4	32.3	28.4	27.7	31.7	27.4	26.9
196	18	55.3	55.5	57.8	60.2	56.6	60.3	57.2	53.7	51.1	58.2	53.9	52.1



Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A <sub>k</sub>	h <sub>k</sub>	F <sub>k</sub>
		h								
197	9	20	89 Piscium	5.1	192	zc	148	207	39	+0.76
198	11	18		6.0	462	zc	132	137	43	+0.92
199	12	16		6.0	608	zc	55	94	23	+0.97
200	12	20	48 Tauri	6.3	626	zc	118	150	50	+0.98
201	12	22	Hyadum I = gamma Tauri	3.7	635	zc	119	197	53	+0.98
202	13	1	70 Tauri	6.6	659	zc	102	248	36	+0.98
203	13	2	theta 1 Tauri	3.8	669	zc	114	265	24	+0.98
204	13	2	theta 2 Tauri	3.4	671	zc	137	266	23	+0.98
205	13	2	75 Tauri	5.0	667	zc	20	269	22	+0.98
206	13	3		4.8	677	zc	75	274	17	+0.98
207	17	2		6.3	1284	oc	225	210	50	-0.87
208	18	2		6.9	1405	oc	298	174	51	-0.79
209	18	3		6.8	1413	oc	329	215	46	-0.78
210	20	6		7.2	1643	oc	314	216	36	-0.58
211	21	0		6.8	1732	oc	290	111	18	-0.50
212	21	6		7.0	1746	oc	245	209	33	-0.48
213	23	0	74 Virginis	4.7	1941	oc	235	105	3	-0.31
214	26	3		6.5	2280	oc	246	121	3	-0.09
215	26	5		8.1	159619	oc	245	136	10	-0.08
216	31	16		8.5	163719	zc	120	233	6	+0.05

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
197	19	53.4	55.1	66.9	75.2	60.0	68.3	57.6	53.6	47.8	62.0	56.5	51.7
198	18	18.1	17.8	18.9	22.3	18.1	23.2	20.3	14.8	12.6	20.6	14.3	12.7
199	16	33.1	31.3	24.2	23.5	27.7	26.8	31.9	29.0	31.4	28.7	26.3	28.1
200	19	63.6	63.5	64.9	68.1	64.0	68.9	65.9	60.6	58.0	66.4	60.3	58.5
201	22	05.9	06.7	12.2	15.6	09.3	14.6	08.9	04.8	00.8	11.1	06.1	03.0
202	0	55.6	56.8	62.5	64.5	59.6	62.8	57.8	56.6	53.2	60.2	58.5	56.0
203	2	14.2	15.7	22.5	23.7	19.0	20.9	15.8	17.0	14.1	18.7	19.5	17.2
204	2	20.4	22.5	32.1	33.1	27.1	28.8	22.2	25.0	21.7	26.1	28.7	26.0
205	2			40.2	41.4							40.0	
206	3	06.0	06.8	10.3	11.1	08.6	09.8	07.1	07.2	05.4	08.6	08.4	07.1
207	2	44.2	44.0	43.3	46.7	44.2	49.5	46.9	40.1	36.9	47.2	38.7	36.9
208	1	58.7	60.1	66.3	69.2	63.4	68.0	61.6	59.5	55.5	64.6	61.2	58.3
209	3	50.1	53.6	65.8	67.8	60.0	62.8	52.6	56.9	52.4	58.8	60.9	57.6
210	6									20.8			
211	0			24.5	25.4		26.2				25.5		
212	6	30.4							29.4	24.9			27.3
213	0	58.7	57.0	49.6	49.5	53.5	53.6	58.1			55.1		
214	3				52.0		55.8						
215	5	13.6	12.1	06.5	08.3	09.6	12.7	14.7	07.8	07.4	12.5	04.9	05.0
216	16		09.1	16.5	19.1	12.7					13.3		