

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
1	I 2	15		7.0	128784	zc	84	159	31	+0.45
2	3	18		7.3	109783	zc	45	200	38	+0.55
3	4	16		6.8	291	zc	137	157	42	+0.64
4	4	20		6.8	306	zc	82	234	33	+0.65
5	6	18		6.4	523	zc	2	163	52	+0.82
6	7	15	68 Tauri (V776)	4.3	658	zc	135	95	26	+0.89
7	7	16		6.9	663	zc	109	106	37	+0.89
8	9	1		6.4	851	zc	53	256	37	+0.96
9	9	17	Tejat = mu Geminorum	2.9	976	zc	55	87	26	+0.99
10	9	18	Tejat = mu Geminorum	2.9	976	oj	287	98	34	+0.99
11	12	1		6.8	1304	oc	304	209	54	-0.98
12	17	2		7.0	1923	oc	235	150	28	-0.54
13	20	3		6.7	2301	oc	258	130	4	-0.22
14	II 1	17		6.2	368	zc	42	195	46	+0.46
15	3	17		6.1	610	zc	91	173	54	+0.66
16	4	21	106 Tauri	5.3	765	zc	135	238	45	+0.77
17	5	19	141 (Tauri)/Orionis	6.4	911	zc	59	172	59	+0.85
18	5	23		5.9	928	zc	128	257	37	+0.86
19	6	2	Propus = eta Geminorum	3.5	946	zc	45	285	17	+0.86
20	6	2		6.1	85102	zc	45	285	17	+0.86
21	6	21	44 Geminorum	6.0	1078	zc	120	208	58	+0.92
22	7	21	mu Cancri	5.3	1224	zc	113	185	59	+0.97
23	8	3		5.8	1250	zc	140	283	16	+0.98
24	14	2		6.6	2008	oc	261	164	28	-0.70
25	14	5	94 Virginis	6.5	2020	oc	280	215	22	-0.69
26	25	16	30 Piscium (YY)	4.4	3536	zc	144	249	9	+0.04
27	25	16	30 Piscium (YY)	4.4	3536	oj	162	251	7	+0.04
28	27	18		7.4	109952	zc	142	257	14	+0.14
29	29	20		5.6	454	zc	57	276	12	+0.31
30	III 1	17		7.2	93615	zc	76	220	51	+0.39
31	1	20		6.8	581	zc	132	270	22	+0.40
32	3	18		7.0	75822	zc	69	216	58	+0.59
33	3	18		7.0	843	zc	69	216	58	+0.59
34	3	20		6.4	851	zc	141	250	44	+0.60
35	4	13	Tejat = mu Geminorum	2.9	976	zc	121	84	25	+0.68
36	4	13	Tejat = mu Geminorum	2.9	976	oj	220	93	32	+0.68
37	4	20		7.0	1014	zc	60	231	55	+0.70
38	5	0		6.8	1033	zc	75	280	21	+0.72
39	5	18		6.6	1144	zc	43	152	61	+0.79
40	5	21		7.0	1152	zc	142	224	56	+0.80
41	5	23		6.3	1167	zc	70	265	34	+0.81
42	6	22		6.8	1304	zc	102	224	54	+0.89
43	12	0	80 Virginis	5.7	1950	oc	344	164	33	-0.92
44	13	3		6.2	2088	oc	227	204	21	-0.83
45	14	2	34 Librae	5.8	2213	oc	276	169	19	-0.74
46	14	3	zeta Librae	5.5	2218	oc	275	188	19	-0.74
47	15	0	psi Ophiuchi	4.5	2353	oc	282	131	4	-0.64
48	18	3		6.8	2823	oc	274	142	6	-0.32
49	26	18		6.4	303	zc	7	280	2	+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
1	15	18.1	17.6	17.1	20.5	17.4	22.8	20.6			20.5		
2	18	25.5	25.0	24.2	26.5	24.6	28.0	26.9	22.1	20.6	26.6	21.2	20.2
3	16	50.2	53.4						49.0	39.3			44.3
4	20	55.1	56.1	61.9	64.5	58.9	62.9	57.5	55.3	51.7	59.9	56.9	54.1
5	18	55.2	50.6	38.2	38.5	43.7	43.5	51.8	45.7		45.9	40.4	43.7
6	15	45.8	46.3					50.4	43.5	40.0			41.1
7	16				20.2		22.6						
8	1	20.2	20.4	22.8	24.5	21.6	24.4	21.9	19.1	16.6	22.8	19.7	18.0
9	17	08.7	06.9	00.4	00.1	03.6	03.2	07.7	04.5	06.6	04.7	02.0	03.6
10	17	64.9	64.0	60.8	61.8	62.6	64.4	65.7	61.4	60.8	64.3	60.0	59.8
11	1	32.6	34.3	41.4	43.9	38.0	41.9	35.3	34.4	30.3	38.7	36.5	33.6
12	2	70.3	69.0	62.9	67.6	66.9	73.3	73.0	62.3	59.8	71.5	57.6	56.8
13	3	40.6	39.4	34.9	36.6	37.4	40.0	41.6	35.8	35.3	39.8	33.5	33.4
14	17	33.5	32.8	31.8	34.2	32.2	36.0	35.0	29.6	28.0	34.5	28.5	27.4
15	17	65.8	66.2	70.4	74.4	68.2	74.3	69.0	63.4	59.3	70.7	64.0	61.0
16	21	51.1	53.9	69.8	72.2	60.8	64.8	54.3	56.6	50.8	60.1	62.3	57.5
17	19	52.5	51.7	50.6	53.3	51.0	55.4	54.4	47.9	46.0	53.7	46.8	45.4
18	23	55.7	57.8	06.8	08.0	02.2	04.2	57.6	59.9	56.5	01.4	03.4	00.7
19	2	20.7	20.9	22.6	23.2	21.7	22.9	21.6	20.6	19.2	22.1	21.2	20.3
20	2	20.7	20.9			21.7		21.6	20.6	19.2		21.2	20.3
21	21	33.0	34.3	41.5	44.6	37.8	42.7	36.1	33.5	28.9	39.1	35.6	32.2
22	21	41.6	42.3	47.2	50.2	44.6	49.4	44.3	40.6	36.8	46.3	41.9	39.1
23	3	42.1	43.8	50.4	50.3	47.0	47.0	42.7	46.6	45.1	45.6	49.3	48.1
24	1	62.6	62.0	60.6	63.8	61.6	66.7	65.0	57.7	55.0	64.7	56.1	54.6
25	5								47.1	43.2			46.0
26	16	34.2	37.8					38.6	40.6	32.8	49.3		41.0
27	16								64.5		60.0		63.4
28	18	38.0											
29	20	54.3	54.6	56.7	57.3	55.6	56.6	55.0	54.6	53.3	55.8	55.3	54.3
30	17	26.4	26.4	28.4	31.2	27.3	31.9	28.8	23.8	20.8	29.5	23.7	21.6
31	20	44.1	46.4	57.3	58.5	51.5	53.4	46.0	49.1	45.4	50.4	53.4	50.3
32	18	46.8	46.4	46.7	49.5	46.4	50.9	49.0	42.9	40.4	48.9	42.4	40.5
33	18	46.9	46.5	46.8	49.6	46.5	51.0	49.1	43.0	40.5	49.0	42.5	40.6
34	20	27.0	29.4	41.4	43.7	35.0	38.7	30.0	31.2	26.1	34.7	35.7	31.6
35	13	06.9	06.0	03.3	04.2	04.6	05.9	07.1	04.0	04.3	05.8	02.7	03.0
36	13	60.3	58.3	49.8	48.8	54.3	53.1	59.3	55.6	57.7	55.6	52.5	54.4
37	20	22.0	21.3	21.0	23.8	21.0	25.6	24.2	17.5	14.8	23.8	16.8	14.9
38	0	08.0	09.2			11.5		09.2	10.1	08.1		11.8	10.4
39	18			19.9	21.6	25.3	27.8		24.8		29.5	19.3	20.9
40	20	49.4	51.2	60.7	63.3	55.8	60.0	52.4	51.8	47.0	56.2	55.1	51.4
41	23	34.1	34.9	38.9	40.8	37.0	40.1	36.2	34.2	31.2	37.9	35.4	33.3
42	21	57.9	58.8	63.7	66.3	61.2	65.6	60.7	57.4	53.6	62.7	58.8	56.0
43	23	53.8	55.3	01.3	02.6	58.3	00.2	55.1	56.5	54.2	58.0	58.4	56.6
44	3	30.1	30.0	30.1	35.3	30.9	37.8	33.8	24.2	17.8	34.6		
45	1	63.4	63.3	64.2	67.0	63.9	68.5	65.8	60.3	57.5	66.2	59.9	58.1
46	3	21.2	21.8	24.8	27.9	23.4	28.4	24.1	19.3	15.7	25.5	19.7	17.2
47	0	07.6	06.7	03.6	04.7	05.2	07.0	08.1	04.2		06.8	02.6	02.7
48	3				14.5		17.2						
49	18	61.8	59.8			57.5			57.6	58.5		56.4	56.8

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
50	III 29	17		6.0	654	zc	83	246	43	+0.24
51	29	18		7.7	93926	zc	148	257	35	+0.24
52	29	18		7.9	93940	zc	80	253	36	+0.24
53	29	19	Ain = epsilon Tauri	3.5	668	zc	81	264	29	+0.24
54	29	20	Ain = epsilon Tauri	3.5	668	oj	261	277	19	+0.25
55	29	21		7.4	93998	zc	78	288	10	+0.25
56	30	18		7.3	791	zc	15	241	46	+0.33
57	30	23	114 Tauri	4.9	817	zc	7	301	3	+0.35
58	31	17	6 Geminorum (BU)	6.5	942	zc	98	210	57	+0.43
59	31	17		7.2	78094	zc	7	218	55	+0.43
60	IV 2	0	58 Geminorum	6.2	1118	zc	35	292	12	+0.56
61	3	21		7.0	1377	zc	90	238	43	+0.76
62	9	1	95 Virginis	5.5	2022	oc	277	207	23	-0.99
63	13	1		5.4	2602	oc	274	159	9	-0.69
64	13	2	9 Sagittarii	5.9	2607	oc	265	166	10	-0.69
65	14	2		5.6	2771	oc	237	156	8	-0.59
66	17	2	kappa Capricorni	4.7	3175	oc	236	123	2	-0.29
67	27	18	140 Tauri	7.0	907	zc	83	266	32	+0.19
68	27	21		7.4	77996	zc	120	300	7	+0.20
69	28	20		7.2	78963	zc	50	277	24	+0.29
70	29	18	84 Geminorum	7.1	1187	zc	182	237	47	+0.38
71	29	23	7 Cancri	6.8	1215	zc	94	292	11	+0.40
72	30	20		6.8	1329	zc	166	246	40	+0.50
73	V 2	22		6.9	1578	zc	121	242	32	+0.72
74	7	21	32 Librae	5.6	2209	oc	266	154	16	-0.00
75	12	0	51 Sagittarii	5.6	2861	oc	217	152	11	-0.75
76	25	19		6.5	1036	zc	89	294	11	+0.09
77	25	21		6.8	78771	zc	113	302	6	+0.10
78	26	18		5.9	1161	zc	76	274	27	+0.16
79	27	22		7.1	1315	zc	80	296	7	+0.26
80	30	20		6.7	1659	zc	53	225	37	+0.58
81	VI 2	19	94 Virginis	6.5	2020	zc	94	174	27	+0.88
82	2	20	95 Virginis	5.5	2022	zc	167	184	26	+0.88
83	12	2	69 Aquarii	5.7	3343	oc	223	146	17	-0.61
84	12	3	tau Aquarii	4.1	3349	oc	271	175	22	-0.61
85	19	8	Wenus	-4.4	—	zj	112	155	52	-0.04
86	19	9	Wenus	-4.4	—	oc	203	177	54	-0.04
87	VII 8	1	epsilon Capricorni	4.5	3164	oc	255	177	16	-0.91
88	16	1		7.8	93585	oc	251	84	17	-0.22
89	17	1		7.4	94031	oc	300	75	14	-0.14
90	18	0	114 Tauri	4.9	817	oc	297	54	2	-0.08
91	24	16	nu Virginis	4.0	1702	zc	66	216	37	+0.19
92	28	21	32 Librae	5.6	2209	zc	83	227	8	+0.65
93	VIII 1	23	chi Sagittarii	5.0	2834	zc	18	208	8	+0.97
94	3	23	phi Capricorni	5.2	3106	oc	273	186	17	-0.00
95	8	1		6.9	60	oc	311	175	34	-0.82
96	10	23		6.7	393	oc	231	103	22	-0.57
97	13	2	85 H1. Tauri	6.1	639	oc	205	121	42	-0.36
98	13	22		6.2	755	oc	335	61	6	-0.28

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	30.4	31.1	35.4	37.9	33.2	37.1	32.8	29.8		34.5	30.9	28.5
51	18		09.2	24.8	27.3	16.1	19.8	09.4			15.2	17.7	
52	18	39.9	41.0	46.5	48.2	43.7	46.5	41.9	40.9	37.8	44.2	42.8	40.4
53	19	31.2	32.3	37.7	38.8	34.9	36.8	32.7	32.9	30.3	35.0	34.8	32.9
54	20	33.9	35.1	39.7	40.2	37.5	38.3	34.8	36.4	34.6	37.0	38.1	36.8
55	21	37.6	38.6						40.1	39.1		41.7	40.8
56	18		40.8	32.9	35.1	35.5	39.2		33.0	32.7	39.3	30.2	29.6
57	23			02.5								01.1	01.2
58	17		21.2	27.1	30.4	24.0	29.2	23.4			25.7		
59	17				29.5		34.8	44.1			35.4		
60	0	10.7	11.0						10.8	09.5		11.5	10.6
61	21	57.5	58.7	64.4	66.6	61.6	65.2	60.0	58.3	54.6	62.4	60.1	57.4
62	1	21.8	22.7	27.5	30.3	25.2	29.7	24.6	21.3	17.4	26.7	22.4	19.7
63	1	50.0	49.6	48.8	51.2	49.3	53.3	52.0	46.3	44.2	51.7	45.3	44.1
64	2	23.2	22.9	22.8	25.6	22.9	27.6	25.5	19.5	16.9	25.6	18.7	17.1
65	2		24.5	21.5	24.1	23.2	27.6	27.5	20.1		26.3	18.2	17.1
66	2				22.9								
67	18			45.5	46.9	42.6	45.0	40.4			42.8	42.2	
68	21	54.7								58.6			
69	20	38.9	39.6	42.8	43.9	41.2	43.2	40.5	39.3	37.0	41.7	40.4	38.9
70	18	40.4						42.1					
71	23	05.1							08.3	07.3			09.3
72	20	14.1	17.0	30.6	30.2	23.2	23.5	15.6	22.5	19.7	20.7	29.4	26.8
73	22	09.9	11.6	18.5	20.1	15.1	17.6	12.0	12.4	09.3	15.1	14.9	12.6
74	21		26.9				30.4				28.9		
75	0			54.6	57.2	56.9	61.1				60.1		
76	19			58.7	58.7	56.6	56.6				55.7	57.9	
77	21								08.1	07.8			09.5
78	18			59.2	60.4	56.8	59.0				57.2		
79	22	21.7							24.6	23.9			25.6
80	20		24.6	24.2	28.7	24.0			17.6	12.4		17.5	14.2
81	19		35.2	36.9	39.7	36.1	40.8	37.8	32.5		38.4	32.5	30.5
82	20	20.6	22.0	28.4	29.7	25.0	27.4	22.5	23.1	20.8	25.0	25.6	23.7
83	2			14.6	16.1	16.9			15.1	14.3		13.0	12.8
84	3	55.1	55.2	56.6	59.8	56.1	61.5	58.2	51.7	47.9	58.9	51.5	49.1
85	8	09.7	10.4	18.1	25.4	13.4	22.1	13.5	07.3	02.8	16.2	08.5	04.8
86	8	64.3	62.1	49.9	47.4	57.2	56.3	64.2	57.6	58.7	59.7	53.4	55.2
87	0	64.5	64.4	65.0	67.7	64.9	69.3	67.0	61.3	58.3	67.3	60.8	58.9
88	1			16.6	16.1							18.4	
89	1			27.1	27.1							27.4	27.8
90	0	33.1					28.8	31.9			30.2		
91	16	14.0	14.5	18.2	21.6	16.4	22.3	17.5	11.7	07.2	19.1	12.4	09.5
92	21									20.7			23.4
93	23			47.3	48.2	47.2			46.4	46.2		46.0	45.7
94	23			47.1		45.7			41.3			41.8	39.1
95	1			48.8	54.5	44.4	54.9	43.4			48.8	36.1	
96	23	40.2	38.4	31.4	31.0	34.9	34.6	39.5	35.7	37.4	36.3	33.0	34.4
97	2	51.3	48.8	37.5	35.4	43.6	41.3	49.9	45.3	47.9	45.0	41.4	43.8
98	22	55.6	56.1	55.9	56.0	56.2	56.8	56.8			56.7		

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
		h								
99	VIII 14	23	140 Tauri	7.0	907	oc	276	60	7	-0.19
100	15	0	1 Geminorum	4.3	916	zj	4	72	16	-0.19
101	15	0	1 Geminorum	4.3	916	oc	334	75	18	-0.19
102	15	2		8.2	77962	oc	279	84	26	-0.18
103	16	0		7.2	78963	oc	283	63	9	-0.11
104	17	3	9 Cancri = BL Cnc.	6.0	1221	zj	8	76	18	-0.05
105	17	3	9 Cancri = BL Cnc.	6.0	1221	oc	356	77	19	-0.05
106	23	17	kappa Virginis	4.2	2033	zc	140	228	14	+0.28
107	25	18		4.8	2303	zc	115	208	12	+0.50
108	25	18	Acrab = beta Scorpii	2.6	2302	zc	116	208	12	+0.50
109	25	19	Acrab = beta Scorpii	2.6	2302	oj	275	224	6	+0.51
110	IX 3	0		6.2	3458	oc	302	204	24	-0.99
111	3	18	33 Piscium	4.6	5	oc	273	107	6	-0.97
112	3	22		5.8	18	oc	237	147	26	-0.97
113	6	23		6.9	110516	oc	264	137	39	-0.80
114	7	2	25 (Arietis)/Ceti	6.5	362	oc	280	179	46	-0.80
115	8	21		6.0	577	oc	281	80	14	-0.64
116	9	1		5.9	593	oc	312	138	48	-0.63
117	11	0	175 H1. Tauri	6.4	861	oc	235	92	30	-0.43
118	12	0		6.8	1017	oc	251	83	25	-0.33
119	12	1		7.4	1024	oc	252	95	33	-0.33
120	12	4		7.2	78707	oc	210	124	50	-0.32
121	13	0		7.3	79527	oc	223	71	15	-0.24
122	13	2		5.9	1161	oc	208	99	35	-0.23
123	13	3		7.7	79618	oc	342	104	39	-0.23
124	14	3	Asellus Borealis = Gamma Cancri	4.7	1308	zj	27	101	36	-0.14
125	14	4	Asellus Borealis = Gamma Cancri	4.7	1308	oc	349	106	39	-0.14
126	20	18	mu Librae	5.3	2114	zc	156	242	3	+0.15
127	27	21	epsilon Capricorni	4.5	3164	zc	75	205	13	+0.85
128	29	23		6.1	3413	zc	351	213	20	+0.96
129	30	23		6.6	3529	zc	4	205	30	+0.99
130	X 1	0	30 Piscium (YY)	4.4	3536	zc	96	214	25	+0.99
131	3	23	64 Ceti	5.6	322	oc	245	176	44	-0.96
132	4	1	xi 1 Ceti	4.4	327	oc	253	202	43	-0.96
133	5	21		6.2	527	oc	258	104	30	-0.86
134	7	3	HU Tauri (129 H1.)	5.9	700	oc	263	211	54	-0.77
135	7	21	109 Tauri	5.0	792	oc	228	80	20	-0.70
136	8	2		7.2	77191	oc	245	160	57	-0.69
137	8	22	8 Geminorum	6.1	954	oc	321	87	28	-0.60
138	8	23	9 Geminorum	6.2	956	oc	254	93	32	-0.60
139	8	23	10 Geminorum	6.6	960	oc	189	99	36	-0.60
140	9	1		7.3	972	oc	212	125	50	-0.59
141	9	22	48 Geminorum	5.9	1092	oc	339	77	21	-0.50
142	10	22	9 Cancri = BL Cnc.	6.0	1221	oc	268	61	7	-0.40
143	13	2		8.0	98984	oc	285	99	26	-0.18
144	21	18	Kaus Borealis = lambda Sagittarii	2.8	2672	zc	68	221	2	+0.31
145	28	20		6.9	60	zc	59	187	38	+0.93
146	XI 1	0	38 Arietis (UV)	5.2	404	oc	322	225	44	-0.00
147	3	19	iota Tauri	4.6	752	oc	218	85	23	-0.91

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	49.6	48.5	43.8	42.8	46.1	44.4	48.2	47.8	49.8	46.1		
100	0						44.0						
101	0			56.0	58.6		58.5						
102	2			13.8	14.0							14.2	14.8
103	0	57.9	56.8	52.5	51.6	54.7	53.3	56.8	56.0	57.8	54.8	54.6	56.0
104	2						52.5				60.9		
105	3			11.3	13.7		12.6				06.8		
106	17	59.0	60.7	67.8	69.8	64.2	67.5	61.4	61.2		64.6	63.5	60.9
107	18	32.7	33.9	39.7	42.4	36.8	41.3	35.5	32.9	28.9	38.1	34.5	31.7
108	18	32.8	34.0	39.7	42.5	36.9	41.3	35.7	33.0	29.0	38.2	34.7	31.8
109	19	41.6	42.9	48.8	50.9	45.9			42.7	39.0	46.7	44.5	41.8
110	0	53.1	55.7	64.8	68.9	60.8	68.0	59.0	53.7	43.9	63.2	56.6	51.1
111	18						52.0						
112	21	67.0	65.8	61.7	63.2	63.9	66.6	68.1	62.1	61.2	66.3	60.0	59.8
113	23	54.6	53.6	50.2	52.0	52.1	55.4	56.2	49.7	48.3	54.8	47.9	47.3
114	1	63.3	63.8	66.2	69.6	65.4	71.2	67.0	60.4	55.6	68.2	60.6	57.7
115	21	25.7	24.4	19.3	18.8	21.8	21.2	24.9	22.7	24.2	22.6	20.8	22.0
116	1	40.4	41.8	45.9	49.7	44.5	51.3	45.7	38.3	30.4	47.7	39.2	35.2
117	0	27.2	25.4	17.6	16.8	21.6	20.5	26.2	22.9	25.0	22.7	20.1	21.9
118	0	37.9	36.3	29.7	28.9	33.1	32.0	36.9	34.3	36.2	34.0	31.9	33.5
119	1	39.1	37.5	30.8	30.6	34.3	34.2	38.6	34.8	36.1	35.8	32.3	33.5
120	3								56.9	60.3		49.0	54.1
121	0	27.4	25.3			20.5		25.0	23.8	27.5	20.6		23.6
122	2	51.7	47.9					48.5	43.1	48.9			41.6
123	3		06.4	13.9	16.6	11.4		08.8	06.0		13.1	08.6	04.6
124	3			51.3	50.4	59.5	56.9				62.1	55.9	63.2
125	4			26.1		20.6					21.2	19.3	12.0
126	18								02.0			04.9	02.1
127	21	36.4	37.2	41.3	44.2	39.2	43.8	39.1	35.5	32.0	40.9	36.3	33.8
128	23		23.4	13.9	13.5	17.6	16.1	22.6	21.3		18.2	16.9	21.3
129	23			14.7	14.1		17.5						
130	0	09.2	10.7			15.0		13.0	09.3	04.0	16.9	11.6	07.5
131	23	54.1	53.5	51.6	53.6	52.8	56.5	56.2	49.9	47.6	55.4	48.7	47.4
132	1	12.3	12.5	13.4	15.8	13.3	17.5	15.0	09.7	06.4	15.5	09.5	07.5
133	21	20.8	19.2	13.5	13.8	16.4	17.2	20.7	16.3	17.1	18.1	14.0	14.8
134	3	35.2	35.7	37.9	40.7	37.2	41.9	38.1	33.1	29.4	39.4	33.3	31.0
135	21	13.9	12.0	04.3	02.9	08.2	06.1	12.2	10.3	13.1	08.7	07.6	09.8
136	2	21.3	20.3	16.1	17.8	18.6	21.9	23.0	16.2	14.8	21.4	14.1	13.6
137	22	49.2	49.2	48.8	50.1	49.3	51.8	51.1	47.1	44.6	51.0	46.8	45.7
138	23	18.7	17.1	10.6	10.2	13.9	13.7	18.2	14.5	15.9	15.2	12.0	13.3
139	23	49.5								48.9			
140	1	35.9	32.9					34.7		30.9			
141	22			56.0	58.0	53.5	58.2				55.2	50.6	
142	22	11.7	10.5	05.4	04.1	07.9	05.9	10.3	09.8	12.0	07.9	08.1	09.8
143	2	58.2	57.3	53.3	53.8	55.5	56.5	58.6	55.1	55.3	56.9	53.4	53.8
144	18			41.0					36.4	33.7		37.8	35.8
145	20			53.6	55.9								
146	0			38.6	45.0		37.1						
147	19	38.1	36.1	27.5	25.9	31.9	29.5	36.3	34.1	37.1	32.5	31.1	33.5

Nr	Data	UT	nazwa	mag	ZC/SAO	typ	AA	A _k	h _k	F _k
									h	
148	XI 5	21		6.8	1052	oc	274	90	31	-0.76
149	6	2	omega Geminorum	5.2	1070	oc	243	160	59	-0.75
150	6	4		6.7	1080	oc	250	230	52	-0.74
151	7	0		6.8	1195	oc	332	113	44	-0.66
152	7	2		6.9	1200	oc	242	158	57	-0.65
153	7	2		6.4	1208	oc	359	156	60	-0.65
154	7	20	Asellus Borealis = Gamma Cancri	4.7	1308	oc	285	61	6	-0.57
155	10	3		6.9	1569	oc	287	127	38	-0.33
156	11	5	nu Virginis	4.0	1702	zj	119	152	39	-0.21
157	11	6	nu Virginis	4.0	1702	oc	303	175	42	-0.21
158	21	17		6.2	3202	zc	13	190	17	+0.45
159	22	21	69 Aquarii	5.7	3343	zc	118	231	9	+0.56
160	22	22	tau Aquarii	4.1	3349	zc	65	245	1	+0.57
161	24	15		5.8	18	zc	19	133	21	+0.73
162	25	23	26 Ceti	6.1	150	zc	10	246	18	+0.83
163	26	19	nu Piscium	4.5	249	zc	353	167	41	+0.89
164	27	19	25 (Arietis)/Ceti	6.5	362	zc	68	162	45	+0.94
165	XII 1	19		6.6	859	oc	267	98	35	-0.98
166	1	20		6.2	865	oc	219	105	39	-0.98
167	2	20		6.8	1019	oc	308	96	35	-0.94
168	2	20		6.4	1023	oc	337	102	41	-0.94
169	3	0		7.0	78706	oc	334	162	60	-0.94
170	3	22		6.2	1157	oc	350	113	49	-0.88
171	5	3	Asellus Borealis = Gamma Cancri	4.7	1308	oc	234	212	54	-0.79
172	6	22	42 Leonis	6.2	1514	oc	269	87	16	-0.61
173	7	2		6.9	1535	oc	265	140	44	-0.60
174	7	4	46 Leonis	5.4	1544	oc	304	181	50	-0.59
175	8	2		6.7	1647	oc	268	136	37	-0.49
176	8	5		6.7	1659	oc	292	189	44	-0.48
177	9	1		6.9	1755	oc	337	107	16	-0.38
178	10	4		7.8	139174	oc	324	136	24	-0.26
179	11	5		6.7	2016	oc	282	148	22	-0.16
180	11	5		8.1	139725	oc	337	143	21	-0.16
181	11	6	95 Virginis	5.5	2022	oc	337	163	25	-0.16
182	12	5		8.5	158968	oc	250	135	11	-0.08
183	14	11	Merkury	-1.1	—	oc	281	197	15	-0.00
184	21	20	30 Piscium (YY)	4.4	3536	zc	54	233	17	+0.48
185	21	22	33 Piscium	4.6	5	zc	88	255	4	+0.49
186	23	18		6.6	210	zc	80	182	39	+0.66
187	24	18	64 Ceti	5.6	322	zc	64	179	44	+0.75
188	24	19	xi 1 Ceti	4.4	327	zc	58	206	42	+0.75
189	26	15		6.2	527	zc	88	103	30	+0.89
190	27	21	HU Tauri (129 H1.)	5.9	700	zc	110	200	55	+0.95
191	30	17	48 Geminorum	5.9	1092	oc	265	80	23	-0.00
192	31	19		6.6	1239	oc	334	89	30	-0.97

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	56.8	55.5	50.6	50.8	53.2	53.7	56.7	53.1	53.8	54.6	51.2	51.9
149	1	61.6	60.4	54.6	56.5	58.1	61.8	63.3	55.7	54.5	61.4	52.9	52.8
150	4	54.1	54.5	56.1	59.1	55.7	60.6	56.9	51.7	48.2	58.1	51.4	49.2
151	0	31.9	33.5	38.0	40.7	36.3	41.0	35.6	32.1	27.4	38.1	33.3	30.6
152	2	48.4	47.0	39.8	41.8	44.2	48.2	50.2	41.7	40.7	47.9	38.4	38.4
153	2			74.6	78.4	65.0	71.8		56.4		61.8	66.1	59.2
154	20	58.0	57.0	52.9	51.8	55.0	53.4	56.9	56.4	58.2	55.0	55.0	56.4
155	3	32.8	32.4	30.6	32.5	31.7	34.9	34.4	29.5	28.2	33.9	28.4	27.6
156	5	44.7	45.0	47.8		46.3		46.9	43.3	40.6	47.9	44.0	42.1
157	6	54.4	55.2	59.0	61.8	57.2	61.5	56.9	53.6	50.3	58.8	54.4	52.0
158	17	12.2	11.3	08.6	09.8	10.0	11.6	12.4	09.2	09.5	11.3	07.8	07.9
159	21									10.0			16.9
160	22									16.9			
161	15	49.0	47.2	40.4	40.9	43.9	44.8	48.8	43.8	44.9	45.9	40.9	42.0
162	23	30.5	29.2	26.4	27.0	27.5	28.2	30.1	27.3	28.0	28.5	25.9	26.2
163	19	23.5	20.5	10.3	10.2	15.2	14.6	21.2	17.2	23.0	16.7	13.0	16.1
164	19	53.3	52.6	51.1	54.0	51.8	56.5	55.3	48.8	47.0	54.6	47.4	46.2
165	19	37.2	35.9	30.7	31.1	33.5	34.3	37.3	33.1	33.6	35.1	31.0	31.6
166	19	68.9	66.6			61.8		67.7	63.4	65.8	63.2	59.7	62.0
167	20	23.3	23.0	21.8	23.3	22.7	25.3	25.0	20.6	18.9	24.5	19.9	19.0
168	20			41.3	46.8		44.5						
169	23	02.4	06.2	16.9	20.8	12.3	19.0	08.2	06.3	58.6	13.9	09.5	04.9
170	22				36.9								
171	3	49.4	48.5	38.9	45.7	46.6	53.7	52.5	41.5	38.6	51.6	34.4	35.1
172	22	33.0	31.6	25.3	24.8	28.7	28.0	32.3	29.5	31.1	29.7	27.2	28.7
173	2	17.4	16.5	12.6	15.0	14.9	19.1	19.3	12.1	10.7	18.0	09.9	09.3
174	4	17.1	18.1	23.0	25.9	20.7	25.3	19.8	16.8	13.0	22.2	17.9	15.2
175	2	42.8	41.8	37.7	40.0	40.1	44.0	44.5	37.6	36.4	43.1	35.3	34.9
176	5	29.0	29.9	34.3	37.3	32.1	36.9	31.8	28.2	24.4	33.9	29.1	26.4
177	1	17.0	17.6	19.2	20.1	18.6	20.1	18.0	17.5		19.0	17.8	17.1
178	3	60.9	61.2	62.9	64.4	62.2	64.6	62.2	60.3	58.8	63.1	60.5	59.4
179	5	28.8	28.4	27.2	29.5	28.0	31.6	30.5	25.4	23.6	30.2	24.3	23.2
180	5								29.9	28.3		31.0	29.7
181	6	27.9	28.8			30.8		29.4	28.6	26.4	31.3	29.6	28.0
182	5									32.8			30.8
183	11			21.9	25.2							16.2	13.4
184	20	07.5	08.0	11.1	12.8	09.5	12.0	09.0	07.3	05.2	10.2	08.1	06.5
185	22								09.2	06.7		11.7	09.6
186	18	08.5	08.5	10.8	14.8	09.5	15.7	11.4	05.1	01.7	12.5	04.8	02.4
187	18	40.6	40.1	39.8	42.9	40.0	44.8	42.8	36.5	34.3	42.7	35.6	34.1
188	19	59.6	59.5	60.6	63.5	60.0	64.5	61.8	56.6	54.1	62.2	56.3	54.5
189	15	55.7	54.3	49.7	50.7	52.0	53.7	55.9	51.3	51.8	53.9	49.2	49.8
190	21	46.6	48.1	58.6	63.7	52.6	59.8	50.5	46.7	40.8	54.4	49.4	44.9
191	17					37.0					37.8		
192	19				25.7								