

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
									h	
1	I 4	19	26 Geminorum	5.2	1029	zc	66	121	41	+0.00
2	7	2		6.3	1281	oc	270	234	38	-0.96
3	8	21	Yu Neu = pi Leonis	4.7	1468	oc	319	103	19	-0.87
4	12	4		6.2	1787	oc	220	196	30	-0.61
5	15	2	UU Piscium = 35 Piscium	6.6	28	oc	308	128	11	-0.33
6	15	2	mu Librae	5.3	2114	oc	308	128	11	-0.33
7	16	3		7.3	2246	oc	285	131	10	-0.23
8	16	4		7.7	9481	oc	297	139	11	-0.23
9	16	4		7.8	9489	oc	277	148	14	-0.23
10	17	4		7.5	69	oc	340	137	8	-0.14
11	22	16	36 Aquarii	7.0	3247	zc	349	242	12	+0.06
12	22	17		7.2	5938	zc	14	248	6	+0.07
13	24	19		7.3	9039	zc	85	249	16	+0.24
14	25	19	73 Piscium	6.0	153	zc	106	246	24	+0.34
15	29	16		6.7	4019	zc	43	118	40	+0.75
16	30	15	115 Tauri	5.4	814	zc	46	101	30	+0.83
17	31	2	130 Tauri	5.5	878	zc	104	284	12	+0.86
18	31	15		6.3	970	zc	90	97	29	+0.90
19	31	16		6.8	975	zc	143	109	38	+0.90
20	31	22	20 Geminorum	6.9	1002	zc	51	217	50	+0.91
21	31	22	21 Geminorum	6.3	1003	zc	49	218	50	+0.91
22	II 1	18	lambda Geminorum	3.6	1106	zc	113	120	40	+0.96
23	1	19	lambda Geminorum	3.6	1106	oj	258	142	48	+0.96
24	2	3	68 Geminorum	5.3	1147	zc	109	280	12	+0.97
25	2	20		6.2	1234	zc	110	143	50	+0.99
26	6	20	75 Leonis	5.2	1635	oc	284	110	19	-0.92
27	6	21	76 Leonis	5.9	1637	oc	230	123	27	-0.92
28	7	1	79 Leonis	5.4	1652	oc	318	189	41	-0.92
29	8	2		6.7	1753	oc	297	206	35	-0.85
30	12	1	omicron Librae	6.1	2193	oc	303	133	12	-0.51
31	15	4		7.1	1217	oc	308	137	8	-0.19
32	21	16		6.4	81	zc	142	236	26	+0.10
33	21	17		7.7	9355	zc	63	245	22	+0.10
34	21	18		8.2	9370	zc	102	254	16	+0.11
35	22	17		6.4	238	zc	125	250	26	+0.19
36	23	18		7.0	376	zc	150	255	28	+0.29
37	25	17	63 Tauri	5.6	650	zc	59	212	54	+0.50
38	26	0	Aldebaran = alpha Tauri	0.9	692	zc	170	293	4	+0.53
39	26	0	Aldebaran = alpha Tauri	0.9	692	oj	187	294	3	+0.53
40	26	21	111 Tauri	5.0	806	zc	168	258	31	+0.62
41	27	20	124 H1. Orionis	5.9	944	zc	39	224	52	+0.71
42	27	22		6.3	961	zc	157	264	28	+0.72
43	28	17	41 H1. Geminorum	5.9	1073	zc	172	139	49	+0.79
44	III 2	18	45 Cancri = A1 Cancri	5.6	1309	zc	170	133	40	+0.92
45	2	21		6.7	1320	zc	110	207	50	+0.93
46	3	3	Acubens = alpha Cancri	4.3	1341	zc	84	281	6	+0.94
47	11	22	theta Librae	4.1	2271	oc	298	119	2	-0.68
48	15	3		6.6	2731	oc	256	139	12	-0.35

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	19	40.5	38.9	33.9	35.4	36.3	38.7	41.1	35.0	35.2	38.7	32.7	32.9
2	2	58.0	59.2	64.9	67.5	62.2	66.4	60.7	58.4	54.3	63.4	59.9	57.1
3	20	61.6	61.6	61.2	62.1	61.6	63.2	62.6	60.4	59.6	62.6	60.0	59.6
4	4	44.9	42.6				50.1	49.6			47.2		
5	2	24.1	23.9	23.3	24.2	23.7	25.0	24.7	22.8	22.4	24.5	22.2	22.0
6	2	24.1	23.9	23.3	24.2	23.7	25.1	24.7	22.8	22.4	24.5	22.3	22.0
7	3	23.2	22.5	20.1	21.2	21.4	23.2	23.9	20.3		22.9	19.0	18.9
8	4	22.1	21.8	21.1	22.8	21.5	24.2	23.4	19.6	18.4	23.2	18.9	18.1
9	4	61.9	61.4	60.6	62.9	61.1	64.9	63.7	58.4	56.6	63.4	57.5	56.4
10	4	57.3	58.6	62.1	63.0	60.5	61.6	57.8	59.6	58.6	60.2	60.5	59.7
11	16				37.2								
12	17		42.6	40.8		41.5			41.8	42.8		41.0	41.5
13	19	13.4	14.6	20.4	21.8	17.4	19.5	14.9	15.3	12.7	17.4	17.3	15.3
14	19	36.6	38.4	47.7	49.7	42.8	45.8	38.8	39.6	35.7	42.6	42.8	39.7
15	15	67.5	65.4	58.4	59.3	61.8	63.3	67.3	61.4	62.6	64.1	58.4	59.4
16	15	20.3	18.1				13.9	19.3			15.6		
17	2	22.6	24.0					23.2	26.2	24.9		28.3	27.2
18	15	57.8	56.2	50.9	51.3	53.5	54.2	57.5	53.5		55.0		
19	16	46.5	46.2	47.9	50.7	46.8	50.7	48.1			48.5		
20	22	36.7	35.9	36.1	39.1	35.9	40.9	39.2	31.9	28.8	38.8	31.3	29.2
21	22	38.1	37.3	37.1	40.1	37.0	42.1	40.7	33.1	30.0	40.0	32.4	30.3
22	18	43.7	43.5	44.7	47.4	43.9	48.1	45.7	40.8	38.6	46.0	40.7	39.0
23	19	58.6	57.8	54.8	57.3	56.7	61.0	60.7	53.7	51.8	59.7	51.8	51.0
24	3	48.2	49.6			52.4		48.9	51.8	50.4		54.1	52.9
25	20	16.5	16.1	16.4	19.2	16.2	20.6	18.7	13.0	10.6	18.6	12.5	10.8
26	20	37.6	37.0	34.3	35.1	35.7	37.1	38.1	35.0	34.9	37.1	33.8	33.9
27	21	41.3	39.3	29.4	30.7	35.2	37.7	42.0	34.0	34.6	38.5	29.6	30.8
28	1	06.2	07.6	14.0	16.8	10.9	15.3	08.9	07.0	03.1	12.0	08.9	06.0
29	2	47.3	48.5	54.4	57.5	51.5	56.5	50.4	47.3	43.0	53.1	48.8	45.8
30	1			15.2	16.2	15.8	17.5				17.0	14.0	
31	4	41.6	41.4	40.8	42.4	41.1	43.7	42.8	39.4	38.3	42.6	38.8	38.1
32	16		29.0					30.1					
33	17	27.4	28.1	31.6	32.9	29.8	31.8	28.8	27.9	25.8	30.2	28.9	27.4
34	18									08.6			
35	17	39.3	41.1	50.6	53.2	45.6	49.4	41.9	41.9	37.5	45.8	45.0	41.6
36	18	38.3	40.9	55.5	58.6	47.2	51.2	41.3	43.0	37.7	46.5	48.4	43.6
37	17	51.2	50.2	48.5	51.1	49.2	53.4	52.9	46.2	44.3	51.9	44.9	43.6
38	0	12.2	15.1					12.3		21.2	17.3		
39	0									29.5			
40	21	46.8	50.3			58.8	59.8	49.0	56.7	51.7	55.5		
41	19		74.3	62.2	65.2	65.7	70.8		62.4	62.0	71.2	58.5	57.9
42	22	35.6	38.3	50.4	51.2	43.9	45.6	37.6	41.8	38.1	42.5	46.9	43.8
43	17	36.3	39.0			49.6		40.5	41.2	32.8	48.5		41.7
44	18	30.5	34.8					34.9					
45	21	40.6	41.5	46.9	50.1	44.2	49.4	43.8	39.8	35.4	46.0	41.2	38.2
46	3	29.6	30.8						32.6	31.2		34.4	33.3
47	22				49.2		50.6						
48	3	15.8	14.8	11.4	13.1	13.2	16.0	16.9	11.4	10.6	15.5	09.7	09.4

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
									h	
49	16	2	V4026 Sagittarii	6.9	2889	oc	220	125	6	-0.24
50	16	3		7.2	2989	oc	218	128	8	-0.24
51	22	19		8.3	323	zc	80	277	8	+0.08
52	23	17		5.6	454	zc	154	254	27	+0.15
53	24	21		7.2	618	zc	106	286	7	+0.25
54	26	18		7.3	896	zc	166	221	48	+0.44
55	29	20		6.3	1281	zc	107	225	46	+0.74
56	IV 6	22	mu Librae	5.3	2114	oc	211	145	18	-0.94
57	11	2		5.6	2680	oc	295	152	17	-0.61
58	11	2		6.8	2685	oc	253	162	19	-0.61
59	15	2	rho Aquarii	5.4	3278	oc	305	112	8	-0.18
60	22	21		7.0	858	zc	92	290	6	+0.20
61	23	19		7.3	5771	zc	80	259	32	+0.28
62	23	21		7.5	5881	zc	92	280	14	+0.29
63	24	15	lambda Geminorum	3.6	1106	zc	86	162	56	+0.37
64	24	23	68 Geminorum	5.3	1147	zc	63	294	2	+0.40
65	26	15	Acubens = alpha Cancri	4.3	1341	zc	172	140	46	+0.57
66	27	21		7.0	1454	zc	155	238	33	+0.68
67	29	19	79 Leonis	5.4	1652	zc	100	180	41	+0.83
68	30	21		6.7	1753	zc	128	194	36	+0.90
69	V 23	19		6.7	1320	zc	109	261	24	+0.32
70	25	19	43 Leonis	6.1	1518	zc	44	235	33	+0.51
71	VI 18	8	lambda Geminorum	3.6	1106	zc	148	102	32	+0.04
72	27	22	mu Librae	5.3	2114	zc	186	222	16	+0.81
73	VII 6	23		6.6	3431	oc	238	119	18	-0.71
74	18	13	omicron Leonis	3.5	1428	zc	106	189	50	+0.06
75	18	14	omicron Leonis	3.5	1428	oj	299	217	45	+0.06
76	VIII 4	1		6.3	4	oc	166	172	38	-0.82
77	8	23	Aldebaran = alpha Tauri	0.9	692	oc	290	68	3	-0.30
78	11	0		7.6	5745	oc	324	70	7	-0.12
79	11	1		7.3	5771	oc	265	78	12	-0.12
80	22	21	theta Librae	4.1	2271	zc	139	240	1	+0.50
81	23	18		6.7	2396	zc	82	195	21	+0.59
82	27	22	tau Capricorni	5.2	3015	zc	78	204	22	+0.95
83	IX 1	22	mu Piscium	4.8	219	oc	198	118	29	-0.86
84	2	21	VW Arietis	6.7	360	oc	320	102	24	-0.76
85	2	22	25 (Arietis)/Ceti	6.5	362	oc	219	106	26	-0.76
86	4	21	Hyadum I = gamma Tauri	3.7	635	oc	226	77	10	-0.55
87	5	0	70 Tauri	6.6	659	oc	227	108	35	-0.54
88	5	1	theta 1 Tauri	3.8	669	zj	146	116	39	-0.54
89	5	1	theta 1 Tauri	3.8	669	oc	189	123	43	-0.53
90	5	2	75 Tauri	5.0	667	oc	286	133	49	-0.53
91	5	2		6.7	672	oc	236	138	50	-0.53
92	5	3		6.5	680	oc	211	156	54	-0.53
93	5	3		4.8	677	oc	226	156	54	-0.53
94	5	5	Aldebaran = alpha Tauri	0.9	692	zj	91	206	54	-0.52
95	5	6	Aldebaran = alpha Tauri	0.9	692	oc	257	232	47	-0.52
96	6	2	111 Tauri	5.0	806	oc	265	117	42	-0.42

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
49	2				53.7		58.0						
50	3				07.9		12.2						
51	19								13.4	12.2			13.9
52	17	55.0						59.1					
53	21	06.8	08.1	13.4	13.5	10.7	10.9	07.4	10.1	08.7	09.7	12.3	11.1
54	18	15.6						20.2					
55	20	42.6	43.8	50.2	53.0	47.0	51.7	45.7	42.8	38.5	48.3	44.8	41.6
56	22	23.9	21.2			15.2	22.4	26.1			22.1		
57	1	63.0	62.7	62.5	64.8	62.7	66.4	64.8	60.1	58.2	64.8	59.4	58.2
58	2			42.9	45.5								
59	2			58.2	58.9	59.3	60.4		58.7		60.4	57.7	57.9
60	21	15.0	16.1			18.2		15.4	17.9	17.0	17.2	19.6	18.8
61	19	03.7	04.7	09.5	11.2	07.1	10.1	05.8	04.3	01.2	07.8	05.9	03.6
62	21	11.1	12.4			14.8		12.0	13.9	12.2		15.8	14.5
63	15	08.3	07.6	06.9	09.9	07.2	12.0	10.5	03.6	01.2	10.0	02.6	01.0
64	23									37.2			
65	15	21.1	22.6	33.7	37.0	27.1	31.8	23.9	22.8	18.2	27.5	26.6	22.6
66	21	04.3	06.5	16.3	18.1	11.3	14.2	06.8	08.4	04.5	10.9	12.1	09.1
67	19	33.6	33.9	36.6	40.0	35.3	40.8	36.8	30.9	27.1	37.8	31.2	28.6
68	20	57.9	58.9	64.7	67.6	61.8	66.6	60.8	57.7	53.7	63.3	59.4	56.5
69	19	47.9	49.5	56.4	57.8	53.0	55.2	49.8	50.7	47.6	52.8	53.2	50.9
70	19			46.4	50.5	47.7			41.3	36.4		40.0	37.1
71	8	10.7	10.6	12.8	15.4	11.3	14.8	12.1	08.9	07.3	12.7	09.1	07.8
72	21	53.1	56.1			63.9	70.0	56.8	58.1	52.2	63.1	64.9	59.2
73	23				10.8		14.1						
74	12	56.7	57.2	61.1	64.3	59.2	64.5	59.8	54.8	50.8	61.4	55.6	52.8
75	14	12.7	14.3	21.5	24.3	18.0	22.4	15.7	14.0	09.6	18.9	16.1	13.0
76	1	60.2	55.9							57.6			50.7
77	23	11.7	10.8	07.3	06.6	09.0	08.1	10.9	10.1	11.5	09.2	08.8	10.0
78	0						59.4						
79	1	56.2	55.1	50.0	49.4	52.6	51.8	55.5	53.6	55.1	53.2	51.8	53.0
80	21									04.2			08.5
81	18				08.1								
82	22	24.3	24.8	27.5	30.1	26.2	30.2	26.6	22.9	20.0	27.8	23.4	21.3
83	22	16.1	14.2	05.9	05.4	10.2	09.8	15.4	11.0	12.6	11.9	07.8	09.4
84	21			58.2	60.7		61.4						
85	22	24.9	23.1	16.1	15.8	19.7	19.6	24.3	20.3	21.8	21.2	17.6	18.9
86	21	60.9	59.3	52.2	50.9	55.8	53.9	59.4	57.7	60.2	56.3	55.2	57.2
87	0	43.5	41.7	34.6	34.5	38.4	38.6	43.2	38.5	39.7	40.1	35.7	37.0
88	1	20.7	21.3			24.9		23.9	19.1	15.2	27.3	21.0	17.1
89	1	60.3	57.2			49.8		58.8	52.4	55.7	51.9	46.6	50.3
90	2	13.2	13.4	14.3	16.9	14.2	18.7	16.0	10.6	07.4	16.6	10.3	08.5
91	2	34.0	32.9	28.3	29.6	30.8	33.4	35.2	29.1	28.3	33.3	27.0	26.8
92	3	27.0	25.4	18.2	19.1	22.4	24.6	28.0	21.0	20.8	25.2	18.0	18.5
93	3	24.6	23.5	18.8	20.3	21.5	24.4	26.0	19.5	18.5	24.2	17.2	17.1
94	5	19.0	19.2	22.1	25.0	20.6	25.4	21.6	16.6	13.2	22.7	17.0	14.6
95	6	32.8	33.8	38.0	40.5	36.1	40.3	35.5	32.5	28.7	37.6	33.4	30.9
96	2	14.8	14.0	10.9	12.4	12.7	15.3	16.1	10.9	09.9	14.8	09.3	09.0

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
									h	
97		6	117 Tauri	5.8	820	oc	199	147	54	-0.42
98		7		6.4	955	oc	193	81	15	-0.33
99		7		6.3	961	oc	224	100	31	-0.32
100		7		6.3	970	oc	330	116	42	-0.32
101		7		6.8	975	oc	282	129	47	-0.32
102		8		7.3	6652	oc	243	101	31	-0.23
103		8		8.1	6667	oc	256	104	33	-0.23
104		8	lambda Geminorum	3.6	1106	zj	121	119	42	-0.22
105		8	lambda Geminorum	3.6	1106	oc	248	140	51	-0.22
106		9		7.3	1212	oc	235	78	9	-0.15
107		28		9.0	9110	zc	143	261	7	E0.28
108		28		9.0	9110	oc	180	265	5	E0.62
109	X	1		6.1	464	oc	236	227	45	-0.87
110		5		7.1	6371	oc	259	149	54	-0.47
111		5	41 H1. Geminorum	5.9	1073	oc	192	164	52	-0.47
112		8		7.9	8629	oc	335	105	26	-0.19
113		8	omicron Leonis	3.5	1428	oc	299	225	42	-0.18
114		9		8.1	8213	oc	255	98	16	-0.12
115		17		6.6	2441	zc	33	218	13	+0.19
116		18		6.5	2578	zc	39	225	10	+0.28
117		19		6.6	2731	zc	73	197	20	+0.38
118		19		7.2	1850	zc	80	197	20	+0.38
119		20	V4026 Sagittarii	6.9	2889	zc	67	210	18	+0.49
120		21	tau Capricorni	5.2	3015	zc	58	163	24	+0.59
121		23	67 Aquarii	6.4	3334	zc	114	234	18	+0.82
122		26	mu Piscium	4.8	219	zc	116	123	29	+0.99
123		29	theta 2 Tauri	3.4	671	zj	149	84	16	-0.92
124		29	theta 2 Tauri	3.4	671	oc	193	86	18	-0.92
125		29	75 Tauri	5.0	667	oc	321	87	19	-0.92
126		29	theta 1 Tauri	3.8	669	oc	224	88	20	-0.92
127		29		4.8	677	oc	252	100	29	-0.92
128		29		6.5	680	oc	241	100	30	-0.92
129		29		6.6	685	oc	246	119	42	-0.91
130		29	Aldebaran = alpha Tauri	0.9	692	zj	76	119	43	-0.91
131		29	Aldebaran = alpha Tauri	0.9	692	oc	261	141	51	-0.91
132		30	117 Tauri	5.8	820	oc	245	79	14	-0.85
133		31		7.0	858	oc	235	195	57	-0.83
134		31	130 Tauri	5.5	878	oc	293	252	37	-0.82
135	XI	1	26 Geminorum	5.2	1029	oc	335	215	54	-0.73
136		3	29 Cancri	5.9	1271	oc	285	162	53	-0.53
137		4		6.4	1381	oc	267	137	44	-0.44
138		6		7.8	8562	oc	303	125	32	-0.25
139		7		6.9	1692	oc	271	139	33	-0.17
140		17		6.4	2986	zc	123	229	11	+0.33
141		18		6.4	3112	zc	102	163	24	+0.43
142		18		6.9	3119	zc	88	179	27	+0.43
143		19		5.8	3270	zc	66	194	30	+0.55
144		21		6.3	4	zc	63	143	34	+0.76

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
97	3	63.1	61.0	49.4	49.0	56.3	57.5	63.7	55.8	56.4	59.6	51.4	52.9
98	0	28.8	25.2					25.0	21.8	27.8			21.0
99	1	60.5	58.5	49.8	49.3	54.4	54.1	59.9	55.2	56.9	56.2	51.9	53.6
100	2			60.8	64.6	53.9	62.5				55.1	51.6	
101	4									03.0			03.4
102	2	51.5	49.9	43.2	43.3	46.8	47.4	51.4	46.8	47.7	48.6	44.1	45.2
103	3									09.5		06.8	07.4
104	3	62.5	62.0	62.0	64.4	61.9	65.6	64.1	59.3	57.6	63.9	58.7	57.5
105	5	16.1	15.2	11.8	14.0	13.9	17.7	17.9	11.2	09.7	16.7	09.4	08.7
106	1	29.0	27.2	19.4	18.0	23.4	21.5	27.5	25.3	28.0	24.1	22.6	24.8
107	3	40.6	45.0					44.0		43.1			
108	4	03.0	00.5					01.5		00.1			
109	3	20.6	21.0	22.4	24.5	22.0	25.6	22.8	19.0	16.1	23.8	19.0	17.3
110	3	35.0	34.6	33.4	35.9	34.4	38.7	37.3	31.2	28.9	37.0	30.1	28.8
111	4	13.1											
112	2			59.7	61.6		60.1					56.0	
113	9	14.8	16.5	24.1	26.8	20.4	24.6	17.7	16.5	12.1	21.1	18.8	15.7
114	2	62.8	61.4	55.0	55.0	58.4	58.6	62.6	58.7	60.0	59.9	56.2	57.4
115	16						24.8						
116	17	59.0	58.8	59.0	60.0	58.8	60.1	59.4	57.8	57.4	59.5	57.5	57.1
117	16	42.8	43.2	45.6	48.4	44.5	49.0	45.3	40.8	37.6	46.5	41.1	38.8
118	16			46.6	49.5		49.9						
119	18			31.2								27.3	25.5
120	16	17.8	17.1	15.0	17.2	16.1	19.8	19.5	13.5	11.8	18.7	12.1	11.1
121	22	28.9	30.5	38.5	41.5	34.2		31.7	30.4	26.3	35.0	32.8	29.6
122	19	09.2								03.8			
123	18				53.2		53.0	52.6			52.2		
124	19	27.4	25.1	14.3	11.8	20.1	16.9	25.4	22.8	26.1	20.8	19.1	22.0
125	19			20.3	21.8	19.0	22.4	17.0	13.7		20.6	16.9	
126	19	34.7	32.9	25.6	24.7	29.3	28.2	33.5	30.7	32.9	30.3	28.0	29.9
127	20	32.6	31.3	26.2	26.4	28.9	29.5	32.6	28.7	29.4	30.3	26.7	27.4
128	20	37.1	35.6	29.6	29.6	32.8	33.0	36.8	32.9	34.0	34.2	30.6	31.6
129	21	59.4	58.2	53.7	54.6	56.2	58.1	60.2	55.0	54.8	58.2	53.0	53.2
130	21	63.8	62.3	57.8	59.2	60.1	62.2	64.2	59.0	59.2	62.2	56.9	57.2
131	23	09.8	09.4	07.9	10.0	08.9	12.5	11.8	06.2	04.2	11.2	05.1	04.0
132	19	45.6	44.2	38.0	37.2	41.1	39.9	44.5	42.5	44.5	41.8	40.2	41.9
133	2	22.3	22.1	21.0	23.5	21.9	26.3	24.7	18.6	16.0	24.6	17.5	16.1
134	5	29.7	31.7			35.7		32.0	33.0	29.3	35.6	35.6	33.0
135	3			66.4	69.4	57.8	62.6		52.4	42.5	55.4	59.4	54.2
136	3	34.4	35.0	37.9	40.9	36.6	41.6	37.3	32.6	29.1	38.8	32.9	30.6
137	3	08.9	08.5	06.8	09.2	07.9	12.0	10.9	05.1	03.2	10.6	03.8	02.7
138	3	35.2	35.4	36.2	38.0	35.9	38.9	36.8	33.7	32.0	37.4	33.6	32.4
139	4	65.2	64.7	62.9		64.0		67.0	61.3	59.6	66.5	59.9	59.0
140	18	35.2	36.9	46.0	49.5	41.2	46.5	38.2	36.7	32.1	42.2	39.5	35.8
141	14						54.8						
142	16	06.1	06.1	07.6	10.6	06.9	11.8	08.6	03.1	00.2	09.3	02.9	00.9
143	17	52.3	52.2	52.9	55.3	52.6	56.4	54.2	49.6	47.3	54.6	49.2	47.7
144	16	49.3	48.2	44.5	46.1	46.4	49.1	50.3	44.8	44.3	48.7	42.9	42.7

Nr	Data	UT	nazwa	mag	ZC	typ	PA	A _k	h _k	F _k
									h	
145	24	22		5.6	454	zc	1	194	53	+0.98
146	25	0		6.1	464	zc	110	230	43	+0.98
147	26	17		5.5	741	oc	311	84	18	-0.99
148	28	0		6.4	934	oc	354	184	59	-0.94
149	28	2	124 H1. Orionis	5.9	944	oc	293	234	47	-0.94
150	28	6		6.3	970	oc	306	272	21	-0.93
151	29	2		6.5	1091	oc	260	213	53	-0.87
152	29	5	lambda Geminorum	3.6	1106	zj	163	256	33	-0.87
153	29	5	lambda Geminorum	3.6	1106	oc	220	263	28	-0.87
154	29	20	1 Cancri	5.8	1197	oc	303	89	20	-0.81
155	XII 1	2		6.5	1344	oc	345	163	52	-0.71
156	2	0		6.9	8747	oc	318	113	31	-0.62
157	6	4		7.2	1855	oc	332	142	28	-0.24
158	7	4	82 Virginis	5.0	1962	oc	252	132	19	-0.16
159	9	5		7.4	9185	oc	321	131	11	-0.05
160	15	16		7.3	3083	zc	96	218	18	+0.19
161	19	20		6.4	109	zc	56	238	28	+0.63
162	20	15		7.0	237	zc	45	124	31	+0.72
163	20	21		7.0	269	zc	87	237	32	+0.74
164	23	15	theta 1 Tauri	3.8	669	zc	123	80	12	+0.96
165	23	15	75 Tauri	5.0	667	zc	29	81	14	+0.96
166	23	15		4.8	677	zc	92	88	20	+0.96
167	23	15	theta 2 Tauri	3.4	671	zc	151	81	13	+0.96
168	23	15	theta 2 Tauri	3.4	671	oj	186	88	18	+0.96
169	23	17		6.6	685	zc	100	104	33	+0.96
170	23	18	Aldebaran = alpha Tauri	0.9	692	zc	86	119	43	+0.96
171	23	19	Aldebaran = alpha Tauri	0.9	692	oj	249	141	51	+0.96
172	25	0	130 Tauri	5.5	878	zc	103	233	44	+0.99
173	26	0	26 Geminorum	5.2	1029	oc	263	207	55	-0.99
174	29	3	xi Leonis	5.0	1409	oc	4	221	45	-0.85

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
145	22			07.8	06.7		18.4						
146	0	06.3	07.7			11.2	15.5	09.1	07.3	03.0	12.1	09.5	06.3
147	17	47.6	47.8	47.7	48.5	48.0	49.7	49.0	46.6	44.8	49.1	46.5	45.7
148	0				26.3								
149	2	39.9	41.8	49.5	52.0	45.8	49.9	42.8	42.1	37.7	46.5	44.5	41.3
150	5	57.9	59.9						62.4	60.1			63.3
151	2	37.1	37.8	41.2	44.2	39.8	44.6	40.0	35.7	32.0	41.8	36.2	33.8
152	5	08.0	10.6	22.6	23.5	16.2	18.0	10.0	14.1	10.3	14.9	19.1	16.0
153	5	50.9	51.4	53.0	55.0	52.6	55.8	52.8	49.8	47.1	54.0	49.6	48.0
154	20	57.1	56.9	55.8	56.5	56.6	57.8	57.9	55.6	55.0	57.6	55.1	54.8
155	1			80.1	83.1	72.2	76.6		67.2	58.2	69.5	73.4	68.8
156	0	07.8	08.7	11.7	13.5	10.6	13.6	09.8	08.1	05.7	11.6	08.8	07.3
157	4	19.1	20.5	25.2	26.9	23.1	25.6	20.7	21.0	18.7	23.4	22.3	20.6
158	4	25.2	23.9	18.8	20.6	21.6	24.8	26.4	19.7	19.1	24.4	17.1	17.1
159	5									48.9			49.1
160	16	34.3	35.4	40.7	43.5	38.0	42.4	37.0	34.3	30.5	39.4	35.7	33.0
161	20	52.6	52.5	53.6	55.1	53.0	55.3	53.7	51.0	49.5	54.1	51.1	49.9
162	15						15.7				16.6		
163	21									49.6			52.1
164	15	08.2	07.3	04.4	04.7	05.8	06.1	07.9	06.0	06.9	06.5	04.8	05.3
165	15	23.3	20.7	11.1	09.6	15.7	13.1	20.7	18.6	23.1	16.2	15.1	18.1
166	15	56.0	54.7	50.0	50.0	52.3	52.3	55.5	52.7	54.0	53.3	50.8	51.8
167	15	20.1	20.4					21.8	19.5	17.6			18.6
168	15							38.4					
169	17	18.6	17.5	13.9	15.1	15.6	17.4	19.0	14.8	14.9	17.3	13.1	13.3
170	18	26.1	24.9	21.4	22.9	23.2	25.6	26.9	21.7	21.5	25.2	19.9	19.8
171	19	34.5	33.8	31.0	32.8	32.6	35.8	36.1	30.4	28.9	35.0	28.8	28.2
172	0	49.8											
173	23	05.0	05.6	08.7	11.7	07.4	12.2	07.8	03.4	59.8	09.4	03.9	01.5
174	3			35.2	35.6				21.3			31.1	27.1