CATALOGUE OF MAIN CHARACTERISTICS OF INDIVIDUAL PULSATIONAL CYCLES OF 35 MIRA-TYPE STARS

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ABSTRACT. The characteristics of individual cycles of 35 Mira-type stars are tabulated: the moments and brightness of the extrema, the inverse slopes dt/dm of the light curves and corresponding error estimates. The observations for the analysis are taken from the AFOEV and VSOLJ databases for the stars: R And, W And, R Aql, R Aur, X Aur, R Boo, T Cam, U Cmi, R Cas, S Cas, T Cas, V Cas, W Cas, S Cep, T Cep, V Cnc, V Crb, χ Cyg, RT Cyg, W Dra, T Gem, U Her, R Hya, R Leo, R Lmi, R Lep, R Lyn, W Lyr, X Oph, W Peg, Y Per, R UMa, S UMa, S UMi, T UMi.

Key words: Stars: Pulsating: Mira–type

Recent electronic publication of the patrol visual observations of the members of AFOEV $ftp://cdsarc.u-strasbg.fr/pub/afoev$ and VSOLJ $http://kusastro.kyoto-u.ac.jp$ has allowed to make time series analysis of thousands of stars. For the analysis of of individual cycles of pulsations we have used up to 35 characteristics (part of them are related), as described in papers with results on individual stars (Marsakova and Andronov, 1997, 1998, Andronov and Marsakova, 1998).

In this catalogue, in addition to "classical" characteristics such as moments and brightness of the maxima (T_{max}, m_{max}) and minima (T_{min}, m_{min}), we present another important characteristics, i.e. the inverse slopes $(dt/dm)_a$ and $(dt/dm)_d$ of the ascending (a) and descending (d) branches of the light curves and corresponding error estimates. The basic point is suggested to be the current maximum. The minima listed precede the maxima. If no parameter may be determined in a given cycle, the corresponding values are marked with a minus sign. One of the stars, Y Per, showed intervals of the M– and SR– type variability.

To determine parameters of the extrema, we have used the method of running parabolae with an optimal value of the filter half–width Δt (Andronov, 1990, 1997) or the method of asymptotic parabolae (Marsakova and Andronov, 1996).

Our papers on the study of Mira-type stars based on the present catalogue are listed at the WEB pages $http://ila.webjump.com$ and partially posted at $http://oap.webjump.com$.

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R And

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23059.39	1.41	7.29	0.08	—	—	—	—	-12.99	0.09	30.26	0.28
23877.15	0.18	6.51	0.12	23773.22	0.83	14.54	0.36	-9.39	0.21	25.24	0.21
24306.01	0.70	8.57	0.08	—	—	—	—	—	—	32.77	0.26
24695.80	0.79	6.74	0.04	—	—	—	—	—	—	25.79	0.08
25127.90	0.73	7.74	0.05	—	—	—	—	-11.67	0.14	26.96	0.07
25526.49	0.48	6.53	0.03	—	—	—	—	-12.25	0.06	26.33	0.07
25943.29	1.08	7.98	0.05	25819.67	0.38	14.44	0.14	-8.65	0.19	29.72	0.17
26344.94	2.51	6.97	0.07	26194.97	0.00	15.37	0.17	-14.63	0.10	—	—
26743.49	0.75	7.04	0.05	—	—	—	—	-12.98	0.24	31.17	0.12
27140.48	0.71	6.99	0.07	27004.54	1.24	14.70	0.30	-15.96	0.17	26.44	0.23
27571.94	2.20	6.59	0.26	27378.69	3.83	13.14	0.20	—	—	26.59	0.08
27985.37	2.32	6.45	0.04	—	—	—	—	—	—	24.92	0.09
28408.16	0.73	6.87	0.06	—	—	—	—	-10.78	0.29	29.78	0.05
28809.93	0.59	6.31	0.05	—	—	—	—	-10.58	0.40	29.34	0.10
29234.47	0.79	7.15	0.04	—	—	—	—	-8.42	0.06	—	—
29624.93	0.88	6.03	0.06	—	—	—	—	-13.74	0.23	33.85	3.40
30042.13	1.96	8.22	0.20	—	—	—	—	—	—	—	—
32528.91	0.60	6.17	0.04	—	—	—	—	-13.04	0.32	19.94	0.45
32929.76	0.41	6.20	0.09	—	—	—	—	-13.31	0.20	—	—
33347.48	1.32	6.43	0.15	—	—	—	—	-13.51	0.54	—	—
35381.74	2.57	7.43	0.07	—	—	—	—	-7.86	1.40	32.94	0.86
35758.48	1.35	6.02	0.10	—	—	—	—	-8.31	1.04	24.92	0.62
36170.04	2.22	6.52	0.09	—	—	—	—	-12.85	0.57	—	—
36575.01	5.24	7.40	0.12	—	—	—	—	-15.59	0.19	—	—
36960.22	0.45	5.53	0.07	—	—	—	—	—	—	—	—
39000.52	7.52	6.89	0.09	—	—	—	—	—	—	24.69	0.33
39411.32	0.79	6.86	0.14	—	—	—	—	-9.45	0.26	30.17	0.16
39823.07	0.48	6.63	0.03	—	—	—	—	-11.05	0.04	28.52	0.10
40244.29	0.75	7.16	0.05	40088.92	0.42	14.94	0.08	-14.68	0.04	22.05	0.34
40648.93	0.66	8.46	0.12	—	—	—	—	-14.37	0.17	24.72	0.47
—	—	—	—	40880.25	3.83	14.55	0.20	—	—	—	—
41506.11	2.50	9.17	0.24	—	—	—	—	—	—	26.41	0.35
41907.06	1.36	8.23	0.03	—	—	—	—	—	—	24.69	0.09
42322.53	0.27	6.92	0.02	—	—	—	—	-9.19	0.17	23.84	0.08
42706.69	0.25	5.99	0.03	—	—	—	—	-9.05	0.03	21.99	0.09
43134.99	0.90	7.68	0.09	—	—	—	—	-10.04	0.05	—	—
43568.30	1.03	6.82	0.08	—	—	—	—	-11.77	0.03	24.59	0.22
43981.05	0.40	7.33	0.14	43816.28	0.94	14.08	0.13	-12.35	0.13	24.14	0.18
44402.56	0.76	6.22	0.06	44226.62	0.98	14.20	0.12	—	—	22.61	0.03
44823.69	3.06	7.79	0.12	44633.29	4.37	14.39	0.24	—	—	25.82	0.09
45221.57	0.38	6.08	0.04	—	—	—	—	-13.00	0.10	25.73	0.03
45636.36	0.28	6.79	0.03	—	—	—	—	-12.53	0.04	27.59	0.07
46063.34	0.42	6.68	0.02	45905.97	0.45	14.99	0.08	-10.57	0.02	25.67	0.03
46456.03	0.41	5.80	0.04	46299.78	2.15	14.71	0.11	-12.34	0.03	24.60	0.04
46886.58	1.43	8.57	0.07	46717.49	0.47	15.05	0.05	-15.00	0.08	27.74	0.18
47268.40	0.35	6.33	0.06	47129.50	0.13	15.41	0.09	-11.72	0.05	23.50	0.05
47688.11	1.18	8.82	0.42	47526.69	0.93	15.19	0.06	-12.11	0.56	30.60	0.11
48097.00	1.77	8.51	0.09	—	—	—	—	—	—	27.43	0.07
48510.53	0.56	8.07	0.04	—	—	—	—	-8.38	0.08	26.77	0.06
48924.82	0.78	8.64	0.10	—	—	—	—	-9.56	0.05	23.18	0.21
49306.89	0.21	7.38	0.03	—	—	—	—	-14.21	0.06	29.94	0.11
—	—	—	—	49582.51	0.43	15.67	0.11	—	—	—	—
50139.84	0.89	7.77	0.06	49979.46	0.26	15.59	0.08	-23.02	0.07	26.00	0.48
50558.44	1.45	7.53	0.13	50413.26	0.42	15.82	0.11	-10.00	0.06	22.93	0.11
50961.65	0.92	7.89	0.09	50787.89	0.66	15.42	0.07	-15.70	0.35	27.79	0.06

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Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23329.75	2.03	7.04	0.17	—	—	—	—	-13.48	0.22	32.39	0.48
23730.31	0.27	6.60	0.09	—	—	—	—	-9.69	0.34	21.66	0.14
24128.76	0.85	7.10	0.06	—	—	—	—	-11.22	0.17	22.55	0.13
24535.60	1.88	7.12	0.10	—	—	—	—	-9.94	0.23	19.77	0.70
24931.14	3.37	7.91	0.10	—	—	—	—	-6.50	0.65	33.95	0.64
25324.14	0.93	7.50	0.05	25167.40	0.80	13.69	0.09	-12.46	0.08	30.56	0.37
25717.27	0.36	6.94	0.10	25558.35	1.52	13.26	0.08	-7.15	0.15	31.60	0.55
26123.38	1.81	7.26	0.17	—	—	—	—	—	—	27.27	0.21
26515.31	3.55	7.57	0.38	—	—	—	—	—	—	27.88	0.18
27292.37	0.19	7.34	0.07	—	—	—	—	—	—	35.47	0.28
27696.01	0.84	7.89	0.06	—	—	—	—	-10.09	0.30	34.35	0.19
28099.29	0.66	7.47	0.08	—	—	—	—	-11.74	0.45	26.02	0.16
28487.06	0.75	7.03	0.06	—	—	—	—	-12.79	0.41	25.38	0.13
28893.44	1.37	8.04	0.09	—	—	—	—	-9.57	0.18	23.00	0.15
29271.27	0.24	8.17	0.06	—	—	—	—	-7.88	0.08	29.21	0.58
29689.04	5.21	7.40	0.18	—	—	—	—	-11.86	0.31	—	—
32469.43	8.90	7.70	0.59	—	—	—	—	—	—	23.65	0.69
33253.38	0.00	7.27	0.08	—	—	—	—	—	—	28.49	0.35
33661.15	1.52	7.69	0.11	—	—	—	—	—	—	—	—
37618.30	0.67	8.46	0.08	—	—	—	—	—	—	24.99	0.34
38004.16	0.99	7.19	0.08	—	—	—	—	-10.29	0.15	21.50	0.22
38387.45	0.56	8.56	0.07	—	—	—	—	-9.68	0.12	—	—
38776.49	0.52	6.60	0.06	38615.51	4.98	13.85	0.13	-9.36	0.09	17.15	0.74
39181.73	0.84	8.21	0.06	39006.98	2.36	13.98	0.10	-9.36	0.12	—	—
39561.78	0.53	8.58	0.07	39403.72	6.94	14.28	0.18	-7.14	0.13	41.15	0.43
39963.26	1.07	6.91	0.10	39792.21	1.88	13.75	0.10	-10.64	0.09	24.39	0.20
40363.44	0.00	8.86	0.12	40205.34	1.19	13.98	0.05	-15.21	0.74	30.58	0.43
—	—	—	—	40563.46	0.67	14.35	0.16	—	—	—	—
41143.54	2.71	7.31	0.23	40962.08	4.62	13.24	0.17	—	—	24.56	0.03
41543.23	0.90	8.38	0.26	41374.45	1.62	13.81	0.06	-7.74	0.34	23.27	0.13
41930.79	0.69	7.12	0.05	41755.93	0.61	14.07	0.10	-9.39	0.17	24.59	0.04
42332.12	0.67	8.51	0.04	42162.60	0.70	13.87	0.09	-8.70	0.17	26.31	0.07
42723.76	0.29	7.21	0.02	—	—	—	—	-8.73	0.03	26.56	0.05
43103.14	0.11	7.97	0.03	—	—	—	—	-9.61	0.07	35.05	0.06
43513.12	0.18	6.75	0.03	—	—	—	—	-12.48	0.06	26.50	0.12
43907.35	0.48	8.43	0.05	43750.36	2.26	13.93	0.09	-7.77	0.06	29.73	0.30
44315.66	0.51	6.99	0.04	44142.01	0.47	13.80	0.05	-9.86	0.04	26.55	0.19
44726.95	0.41	8.51	0.07	44545.98	5.80	13.85	0.11	-9.55	0.15	27.07	0.20
45110.17	0.52	7.87	0.07	44943.17	1.06	14.12	0.05	-7.61	0.07	31.49	0.08
45488.18	0.94	7.60	0.09	45322.22	2.29	13.40	0.06	-12.53	0.40	23.71	0.06
45887.92	1.23	7.97	0.13	45713.53	0.82	13.92	0.04	—	—	29.72	0.05
46290.36	0.74	7.64	0.05	46119.28	0.54	13.98	0.06	-14.82	0.25	27.18	0.03
46680.58	0.67	8.75	0.04	—	—	—	—	-9.68	0.10	24.00	0.06
47062.79	0.12	6.93	0.03	—	—	—	—	-6.60	0.19	25.11	0.02
47466.00	0.30	8.23	0.03	—	—	—	—	-11.61	0.06	26.54	0.04
47864.64	0.29	6.92	0.02	47687.03	0.34	14.15	0.10	-11.33	0.03	25.57	0.03
48249.26	0.21	7.46	0.03	48088.99	0.54	14.02	0.05	-6.94	0.02	—	—
48652.78	0.21	7.26	0.03	48487.21	1.05	14.20	0.10	—	—	—	—
49052.63	0.34	9.02	0.03	48910.60	0.86	14.33	0.07	—	—	—	—
49447.02	0.44	7.53	0.06	49282.81	0.90	14.62	0.05	—	—	—	—
49847.43	1.20	7.72	0.07	49684.61	0.44	13.89	0.04	—	—	—	—
50234.70	1.19	7.45	0.10	50065.32	0.84	14.02	0.05	—	—	—	—
50634.87	1.59	7.59	0.09	50454.69	0.63	13.65	0.03	—	—	—	—
51030.32	2.73	7.94	0.11	50861.84	0.71	13.95	0.03	—	—	—	—

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Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
22937.01	1.10	5.85	0.09	—	—	—	—	-13.17	0.43	19.28	0.22
23859.12	0.43	6.44	0.07	23733.24	0.95	11.57	0.10	—	—	25.11	0.63
24182.76	12.39	6.56	0.15	24037.43	0.91	12.01	0.36	-14.73	0.47	24.93	0.55
24482.61	2.22	5.89	0.07	24347.86	0.71	11.25	0.06	-10.35	1.44	29.63	0.32
24794.54	1.05	5.95	0.07	24663.03	0.73	11.29	0.10	-12.83	0.23	26.80	0.39
25093.30	0.97	5.72	0.05	—	—	—	—	-12.50	0.22	25.15	0.17
25412.74	1.18	6.35	0.06	25271.37	0.31	11.34	0.10	-14.40	0.36	26.26	0.08
25724.12	1.68	6.75	0.12	25594.88	0.35	11.81	0.05	-12.31	0.41	20.23	0.24
26023.69	1.28	5.83	0.06	25877.56	1.72	11.68	0.08	-14.19	0.43	27.31	0.37
—	—	—	—	26206.40	2.82	11.57	0.29	—	—	—	—
26637.53	0.99	6.13	0.18	—	—	—	—	-14.76	0.41	16.71	1.17
26932.66	1.26	5.60	0.06	—	—	—	—	-19.30	0.28	31.68	0.45
27230.26	1.63	5.94	0.07	—	—	—	—	-10.05	0.37	24.04	0.22
27533.82	0.41	5.70	0.09	—	—	—	—	—	—	26.83	0.24
27848.61	12.76	6.69	0.18	27716.66	3.08	11.69	0.16	-15.61	0.39	26.30	1.44
—	—	—	—	28019.10	2.35	11.75	0.14	—	—	—	—
28446.96	1.75	6.00	0.08	28323.85	0.16	11.20	0.11	-17.08	0.17	18.33	0.36
28748.33	1.91	6.12	0.08	28626.74	0.53	11.45	0.08	-24.39	1.31	22.63	0.20
29049.78	3.72	6.10	0.09	28939.34	4.28	11.18	0.24	-14.70	0.24	26.22	0.21
29361.76	3.24	6.38	0.15	29223.64	1.15	11.45	0.06	—	—	25.16	0.46
29650.08	2.53	6.03	0.21	29513.75	2.72	11.48	0.35	-12.34	0.98	—	—
29945.18	4.26	6.60	0.14	—	—	—	—	-19.49	0.31	—	—
30252.88	2.15	6.13	0.13	—	—	—	—	-13.06	0.17	22.49	0.77
—	—	—	—	31016.61	1.94	11.26	0.35	—	—	—	—
—	—	—	—	31308.24	7.84	11.29	0.14	—	—	—	—
32358.50	3.56	5.88	0.07	—	—	—	—	—	—	24.78	0.12
33564.41	2.73	5.36	0.26	—	—	—	—	-13.95	0.44	19.67	2.91
33874.61	1.70	7.05	0.11	—	—	—	—	—	—	—	—
34170.00	5.13	6.45	0.17	—	—	—	—	-16.17	0.64	23.10	0.31
35052.72	0.37	6.05	0.08	—	—	—	—	-18.93	0.15	—	—
35358.66	1.59	6.06	0.11	—	—	—	—	-16.62	0.22	20.76	0.28
36529.83	6.21	5.79	0.28	—	—	—	—	—	—	—	—
37120.12	20.55	6.81	0.15	—	—	—	—	-14.45	0.87	20.49	0.49
37991.21	2.67	5.78	0.21	37853.31	2.27	11.41	0.26	-16.98	0.33	27.60	0.68
38289.93	2.28	6.78	0.22	—	—	—	—	-16.51	1.18	23.23	0.27
38573.62	0.17	5.68	0.09	—	—	—	—	—	—	—	—
39456.16	1.80	6.09	0.09	39341.46	8.82	11.24	0.23	-23.60	0.36	25.60	0.42
39748.83	2.94	6.11	0.08	39614.50	1.52	11.31	0.15	-20.13	0.13	24.95	0.32
40039.67	1.36	6.37	0.05	—	—	—	—	-21.87	0.41	29.02	0.11
40337.16	0.06	6.58	0.06	—	—	—	—	-23.02	1.16	26.18	0.26
—	—	—	—	40488.69	1.03	11.19	0.06	—	—	—	—
40904.38	1.70	5.97	0.11	40763.76	2.34	10.99	0.14	-17.18	0.26	—	—
41186.37	1.16	6.52	0.08	41058.07	3.96	10.53	0.18	-19.54	0.41	23.27	0.14
41476.34	2.64	6.84	0.07	—	—	—	—	-19.47	0.87	28.31	0.13
41748.72	2.76	5.96	0.11	41624.71	2.44	10.88	0.88	-16.44	0.45	31.15	0.21
42038.80	4.89	6.55	0.29	41920.29	2.10	11.07	0.12	-22.59	0.24	22.62	1.15
42326.33	1.03	6.50	0.07	42186.08	2.75	10.78	0.09	-25.94	0.20	25.82	0.21
42597.61	1.15	6.18	0.03	42472.63	0.05	11.35	0.08	-16.31	0.16	29.72	0.03
42884.58	1.75	5.70	0.09	42764.80	1.32	10.87	0.24	-17.95	0.24	22.82	0.12
43172.51	2.78	6.32	0.11	43050.57	1.39	11.35	0.24	-16.38	0.47	27.41	0.27
43459.89	1.10	6.04	0.08	43330.12	1.44	11.22	0.09	-21.76	0.05	27.71	1.87
43741.22	0.91	6.02	0.04	43619.35	2.89	10.87	0.13	-19.42	0.24	26.34	0.05
44025.37	1.39	6.63	0.06	—	—	—	—	-13.28	0.21	27.78	0.10
44314.72	2.51	6.61	0.08	44177.24	1.45	11.29	0.17	-34.86	0.76	27.64	0.41
44592.23	1.36	5.37	0.09	44449.27	1.39	10.71	0.31	-22.12	0.42	21.54	0.29

R Aql (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
44873.46	1.12	6.84	0.07	44755.00	1.79	11.27	0.30	-16.27	0.18	21.01	0.13
45149.79	0.87	6.03	0.03	45009.38	1.59	11.32	0.30	-20.49	0.15	25.25	0.02
45417.99	3.46	6.40	0.08	45309.22	1.83	11.23	0.76	—	—	28.68	0.17
45709.43	1.93	6.05	0.18	45576.40	0.96	11.05	0.40	-17.13	0.12	22.24	0.34
45992.60	1.32	6.98	0.07	45867.04	1.82	11.31	0.15	-19.57	0.27	24.88	0.22
46271.38	1.24	6.35	0.08	46135.81	0.72	11.46	0.08	—	—	21.72	0.07
46561.32	2.21	7.11	0.15	46432.70	1.25	11.58	0.10	—	—	19.03	0.10
46848.51	1.93	6.55	0.10	46694.71	1.41	11.54	0.13	—	—	26.78	0.28
47113.49	1.14	6.29	0.06	46991.45	1.04	11.10	0.10	—	—	25.13	0.20
47405.12	0.74	6.26	0.04	47265.78	2.23	11.13	0.10	—	—	30.11	0.10
47691.11	0.99	6.75	0.06	47567.95	3.10	10.93	0.15	—	—	24.76	0.04
47965.12	1.18	6.20	0.06	47828.82	0.97	11.02	0.36	—	—	25.99	0.10
48238.11	1.47	6.21	0.08	48116.37	1.21	10.84	0.09	—	—	27.78	0.33
48522.19	0.94	6.48	0.06	48391.39	2.93	10.94	0.10	—	—	30.42	0.29
48799.53	1.42	6.82	0.04	48687.15	0.12	10.87	0.11	—	—	31.34	0.06
49076.12	2.21	6.09	0.07	48943.70	2.56	10.96	0.20	—	—	27.58	0.06
49349.37	1.40	6.58	0.12	49232.61	0.31	10.71	0.04	—	—	22.30	0.35
49628.08	0.74	6.31	0.03	49488.37	1.97	11.18	0.08	—	—	27.19	0.17
49905.15	0.62	6.19	0.03	49777.47	1.96	10.56	0.16	—	—	26.36	0.03
50185.79	1.51	6.51	0.06	50047.25	3.87	10.80	0.38	—	—	26.82	0.09
50460.73	1.14	6.38	0.14	50327.83	0.72	10.90	0.51	—	—	20.23	0.24
—	—	—	—	50599.53	2.14	11.00	0.10	—	—	—	—

U CMi

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
43169.60	2.60	8.58	0.03	—	—	—	—	-21.88	5.44	21.55	0.12
43593.90	4.40	8.62	0.04	43320.70	1.50	12.06	0.29	-20.73	1.61	—	—
44002.30	7.20	8.28	0.07	43790.50	10.00	11.52	0.22	-27.42	3.81	—	—
—	—	—	—	44599.00	8.20	12.78	0.08	—	—	—	—
45262.80	5.40	8.87	0.05	45024.20	5.70	13.43	0.07	—	—	19.09	0.48
45661.10	7.90	9.10	0.05	45424.30	8.50	13.34	0.07	-28.67	14.22	28.16	0.32
46086.30	5.10	8.83	0.05	45854.60	1.40	12.85	0.24	-64.98	8.51	27.26	0.44
46481.40	12.50	9.12	0.05	—	—	—	—	-37.17	5.81	21.99	1.06
46893.60	3.80	8.95	0.04	—	—	—	—	-20.93	4.18	—	—
—	—	—	—	47462.50	6.00	13.19	0.13	—	—	—	—
—	—	—	—	47874.40	3.40	13.29	0.07	—	—	—	—
48519.00	10.50	8.59	0.12	48273.80	3.20	13.06	0.06	—	—	23.10	0.38
48912.70	9.30	8.94	0.09	48683.30	3.90	13.35	0.07	-81.19	36.68	27.95	0.45
49325.30	9.10	8.88	0.05	—	—	—	—	—	—	27.25	0.16
49755.50	3.40	9.11	0.04	49513.50	2.60	13.20	0.16	-28.93	4.00	26.40	0.26
50164.30	2.10	8.89	0.03	—	—	—	—	-23.05	0.89	20.19	3.86
47727.60	22.50	9.44	0.24	47462.50	6.00	13.19	0.13	—	—	21.87	1.05
48102.30	4.80	8.48	0.17	47874.40	3.40	13.29	0.07	—	—	26.11	0.60
—	—	—	—	48273.80	3.20	13.06	0.06	—	—	—	—
—	—	—	—	48683.30	3.90	13.35	0.07	—	—	—	—
—	—	—	—	50752.80	2.30	13.50	0.06	—	—	—	—
—	—	—	—	49513.50	2.60	13.20	0.16	—	—	—	—
—	—	—	—	50303.00	2.40	13.27	0.33	—	—	—	—

X Aur

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23137.80	0.63	8.71	0.10	—	—	—	—	—	—	15.37	0.62
23137.80	0.63	8.71	0.10	—	—	—	—	—	—	15.37	0.62
23447.82	1.01	8.62	0.12	—	—	—	—	-14.15	0.38	14.21	0.50
23778.17	1.44	8.75	0.16	—	—	—	—	-18.77	0.56	15.89	0.69
23927.08	1.30	8.00	0.10	—	—	—	—	-10.70	0.19	17.18	0.38
24094.43	1.06	8.51	0.10	—	—	—	—	-13.99	1.55	13.19	0.40
24094.48	1.03	8.51	0.09	—	—	—	—	-13.99	1.55	13.19	0.40
24257.59	0.59	8.56	0.07	24174.52	3.67	12.45	0.27	-12.48	0.31	12.92	0.44
24416.48	1.66	8.54	0.12	24338.94	0.64	12.23	0.11	—	—	12.11	0.60
24582.27	2.29	8.82	0.08	—	—	—	—	-14.98	0.49	17.90	0.40
24908.21	3.11	8.69	0.12	24822.86	2.58	11.74	0.16	-17.14	0.40	14.98	0.23
—	—	—	—	24987.87	0.43	11.85	0.05	—	—	—	—
25243.03	0.56	8.42	0.06	25147.76	1.12	11.91	0.09	-18.80	0.35	9.38	0.22
25402.29	0.61	8.85	0.11	25317.93	1.36	12.80	0.16	-13.77	0.23	12.77	0.83
25570.72	1.16	9.08	0.07	25489.56	3.32	12.79	0.27	-14.09	0.59	12.31	0.47
25730.15	0.95	8.52	0.06	25646.46	1.44	12.21	0.11	-14.92	0.11	10.88	0.37
25902.68	2.33	8.62	0.15	—	—	—	—	-22.75	0.78	11.99	0.34
26073.07	3.60	8.99	0.15	25987.46	2.14	13.34	0.16	-11.49	0.29	17.01	1.03
26235.22	1.26	8.63	0.12	—	—	—	—	—	—	11.36	0.62
26397.74	3.88	8.61	0.17	26317.26	6.36	12.40	0.32	-13.50	0.32	13.83	0.32
26723.22	1.98	8.50	0.13	—	—	—	—	-13.61	0.36	13.46	0.60
27052.69	2.47	8.64	0.14	—	—	—	—	-14.67	0.30	13.50	0.18
—	—	—	—	27128.97	0.48	12.78	0.12	—	—	—	—
27551.60	1.59	8.51	0.06	27467.86	2.35	12.63	0.20	-13.50	0.26	—	—
27698.74	3.79	8.95	0.06	—	—	—	—	—	—	20.42	0.42
—	—	—	—	27802.98	0.00	13.50	0.17	—	—	—	—
—	—	—	—	27943.49	1.86	10.21	0.20	—	—	—	—
28076.05	0.16	8.97	0.08	—	—	—	—	—	—	8.01	0.22
28214.06	2.02	8.57	0.15	28124.27	3.14	13.15	0.25	-10.33	0.41	13.65	0.30
28379.59	0.38	8.47	0.09	—	—	—	—	—	—	15.91	0.46
28542.41	2.35	8.59	0.15	28457.98	1.07	12.75	0.13	-13.85	0.34	11.61	0.13
28709.38	2.31	8.40	0.20	28619.44	1.50	13.03	0.14	-11.23	0.31	10.52	0.21
28887.89	0.67	8.84	0.08	28785.63	0.67	13.27	0.12	-8.98	1.22	10.57	0.18
29052.46	4.00	8.38	0.09	28954.64	0.85	12.85	0.08	—	—	—	—
29208.95	1.92	8.58	0.05	—	—	—	—	—	—	14.68	0.13
29366.70	1.66	8.30	0.08	29290.41	1.74	12.66	0.14	-9.15	0.21	—	—
32545.92	0.91	8.88	0.09	—	—	—	—	-18.83	0.48	9.44	0.80
32699.32	7.83	8.23	0.18	32626.94	0.65	12.17	0.33	-10.18	0.76	—	—
33357.98	3.41	8.52	0.23	—	—	—	—	—	—	—	—
33670.61	2.15	8.52	0.11	—	—	—	—	-13.50	0.78	14.18	0.80
35792.95	0.00	8.96	0.08	—	—	—	—	—	—	—	—
36616.89	0.00	8.77	0.07	—	—	—	—	-40.68	5.06	20.14	0.67
36933.64	1.76	9.39	0.05	—	—	—	—	-18.33	1.14	—	—
37256.20	1.62	8.85	0.72	—	—	—	—	—	—	—	—
37761.48	0.63	8.75	0.15	37668.85	0.00	13.03	0.23	-23.86	2.27	12.06	0.31
38071.46	1.22	8.75	0.13	—	—	—	—	-11.05	0.64	17.89	0.55
38404.36	3.12	8.96	0.19	—	—	—	—	-20.14	0.34	13.06	1.11
—	—	—	—	38486.37	1.19	13.18	0.15	—	—	—	—
38740.99	14.06	8.49	1.72	—	—	—	—	—	—	9.30	0.80
—	—	—	—	38804.41	0.18	13.06	0.43	—	—	—	—
39214.24	2.21	9.25	0.14	39133.25	0.96	12.29	0.17	—	—	—	—
39538.71	1.86	8.17	0.10	39459.52	0.39	13.01	0.12	-10.85	0.12	14.15	0.28
39869.44	0.65	8.34	0.07	39782.41	0.95	12.65	0.15	-14.99	0.84	11.38	0.09
—	—	—	—	39946.39	0.66	12.59	0.09	—	—	—	—
40197.60	1.79	8.52	0.10	—	—	—	—	-10.69	0.24	15.07	0.13

X Aur (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
40354.24	0.82	8.69	0.05	40287.24	0.37	12.83	0.12	-9.29	0.15	—	—
40519.84	2.17	8.55	0.09	40444.55	2.31	11.78	0.15	-12.88	0.31	16.24	0.27
40687.61	2.89	8.61	0.13	40605.34	6.50	11.50	0.22	—	—	—	—
41013.70	3.75	8.82	0.18	40929.27	0.75	12.25	0.17	-13.81	0.43	12.59	0.30
41207.99	0.00	8.73	0.09	—	—	—	—	—	—	—	—
41348.13	0.90	8.71	0.09	41256.32	0.07	13.10	0.10	-20.01	0.24	15.16	0.27
41668.64	2.66	8.54	0.13	41585.43	1.17	12.13	0.10	-12.63	0.33	14.75	0.14
41833.06	2.08	8.20	0.29	41755.18	0.27	13.00	0.10	-13.38	0.14	—	—
42002.08	0.26	8.93	0.17	41915.47	1.18	12.65	0.13	—	—	—	—
42150.17	1.05	8.25	0.05	42083.60	0.00	12.32	0.22	-11.08	0.17	—	—
42318.34	1.86	8.23	0.28	42238.04	0.82	12.63	0.30	—	—	12.04	0.25
—	—	—	—	42397.14	1.93	13.13	0.26	—	—	—	—
42657.87	8.33	9.17	0.40	—	—	—	—	—	—	10.07	0.80
42800.96	0.80	8.53	0.06	—	—	—	—	-10.94	0.36	11.85	0.13
—	—	—	—	42872.38	0.05	12.45	0.07	—	—	—	—
43134.43	1.13	8.37	0.10	43042.99	0.51	12.36	0.11	-15.90	0.28	10.47	0.34
—	—	—	—	43213.83	0.49	12.93	0.09	—	—	—	—
43457.74	1.79	8.35	0.10	43384.29	0.18	12.83	0.10	-13.27	0.17	13.10	0.13
43615.64	2.58	8.27	0.12	43543.71	2.10	12.66	0.17	-8.04	0.13	13.04	0.38
43782.67	0.56	8.17	0.05	—	—	—	—	-12.94	0.27	9.20	0.10
43951.25	0.32	8.60	0.03	43864.80	1.48	12.64	0.07	-12.04	0.10	10.81	0.09
44111.14	2.95	8.38	0.10	—	—	—	—	—	—	11.90	0.26
44276.29	0.34	8.52	0.04	44186.89	0.36	12.49	0.11	-12.68	0.15	11.66	0.08
—	—	—	—	44357.64	0.92	13.48	0.19	—	—	—	—
44612.39	0.67	8.87	0.03	44515.02	2.64	12.26	0.14	-17.10	0.30	16.53	0.12
44747.86	1.57	8.74	0.06	44692.19	0.31	12.36	0.09	-12.17	0.16	—	—
44921.55	2.68	8.55	0.13	44857.02	3.64	11.61	0.33	-12.67	0.29	12.93	0.15
45086.12	1.49	8.66	0.05	45000.75	2.21	11.65	0.08	-17.65	0.12	—	—
45255.79	0.95	8.61	0.11	—	—	—	—	—	—	—	—
45420.76	0.46	8.73	0.03	45327.95	1.31	13.24	0.15	-9.07	0.24	12.80	0.32
45581.14	1.55	8.85	0.05	—	—	—	—	—	—	12.96	0.18
45744.06	1.65	8.58	0.08	45665.05	0.68	13.16	0.10	-9.66	0.12	14.17	0.08
46075.35	1.72	8.88	0.09	45989.23	0.58	13.22	0.12	-13.65	0.12	12.00	0.08
46243.10	0.30	7.66	0.19	46157.38	2.18	13.14	0.14	-9.72	0.65	14.25	0.22
46400.90	1.25	8.77	0.08	46331.41	0.18	12.93	0.07	-12.51	0.12	25.18	0.18
46560.69	2.65	8.56	0.09	46501.35	1.44	11.57	0.11	-10.17	0.21	—	—
46741.70	0.85	8.58	0.09	—	—	—	—	-19.29	0.34	11.75	0.10
46911.57	1.36	9.16	0.09	46810.31	0.50	12.51	0.08	-21.32	0.23	—	—
47079.03	1.45	8.84	0.08	—	—	—	—	-9.11	0.70	12.36	0.25
47230.11	1.48	8.76	0.06	47162.80	1.10	12.36	0.12	—	—	—	—
47396.27	0.68	8.30	0.06	—	—	—	—	-10.65	0.64	14.17	0.36
47563.20	1.88	8.52	0.10	47478.64	0.66	11.72	0.05	-13.16	0.12	10.46	0.04
—	—	—	—	47635.93	0.29	13.19	0.10	—	—	—	—
47901.38	0.87	8.87	0.06	47812.61	0.04	13.61	0.07	-15.16	0.06	13.96	0.15
—	—	—	—	47980.68	2.16	12.30	0.14	—	—	—	—
48225.17	1.85	8.73	0.10	48142.36	1.19	11.90	0.08	-16.05	0.26	12.11	0.18
—	—	—	—	48310.60	1.37	12.56	0.08	—	—	—	—
48568.22	1.30	8.44	0.12	—	—	—	—	-19.56	0.23	12.21	0.14
48719.06	1.20	8.62	0.06	48644.92	1.09	12.55	0.11	-12.21	0.11	—	—
48928.74	0.00	9.19	0.08	—	—	—	—	—	—	12.55	0.31
49061.85	0.42	8.66	0.03	48982.61	1.64	11.98	0.10	-14.12	0.11	19.26	0.19
49224.37	0.77	8.50	0.05	49145.11	2.52	11.39	0.16	-16.12	0.60	12.24	0.20
49398.04	0.83	8.81	0.07	49305.17	1.16	12.25	0.12	-16.36	0.25	11.12	0.07
—	—	—	—	49469.58	2.06	12.87	0.18	—	—	—	—

X Aur (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
49727.90	1.08	8.58	0.09	49638.26	1.77	13.11	0.16	-9.08	0.29	9.61	0.05
—	—	—	—	49797.80	0.87	12.89	0.08	—	—	—	—
50051.02	0.48	8.83	0.03	49965.97	2.12	12.86	0.17	-11.44	0.12	12.02	0.07
50223.68	4.25	9.03	0.24	50138.51	0.48	13.36	0.08	-13.12	0.15	—	—
50379.46	0.71	8.46	0.05	50311.58	0.00	13.13	0.29	-11.34	0.16	20.08	0.08
50545.73	0.51	8.45	0.04	50475.95	0.87	12.29	0.09	-9.02	0.07	13.52	0.27
50713.60	1.63	8.30	0.10	—	—	—	—	-8.44	0.56	10.70	0.03
50886.34	1.54	8.84	0.03	50798.56	0.61	13.43	0.09	-11.39	0.10	—	—

R Aur

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23382.54	0.06	7.68	0.06	23134.15	2.54	13.41	0.13	-36.51	0.36	24.56	0.57
23863.96	1.58	8.14	0.09	23642.40	0.83	13.62	0.15	-34.53	1.04	34.73	0.22
24308.73	0.32	7.08	0.11	24088.45	1.07	13.52	0.04	-14.90	0.21	32.66	0.67
24811.00	0.67	8.25	0.06	—	—	—	—	-32.55	2.46	25.43	0.28
25278.32	1.37	8.00	0.05	—	—	—	—	-33.23	2.58	28.14	0.30
25735.84	1.18	7.48	0.10	25482.64	8.01	13.43	0.24	-14.10	0.89	27.50	0.28
26198.67	0.96	7.78	0.07	—	—	—	—	-11.52	0.50	28.21	1.80
26668.51	2.48	7.71	0.07	—	—	—	—	-34.27	1.73	25.05	0.12
27128.69	0.84	7.70	0.07	—	—	—	—	-10.30	0.18	22.05	0.25
27585.53	1.46	6.85	0.14	—	—	—	—	-11.78	0.27	17.04	0.73
28509.21	1.21	7.10	0.11	—	—	—	—	-8.88	0.20	23.67	0.27
28975.57	1.11	7.77	0.07	—	—	—	—	-8.68	0.25	19.89	0.77
29454.22	1.28	8.03	0.07	29236.22	11.80	13.81	0.28	-22.86	0.92	—	—
32634.31	0.61	6.92	0.11	—	—	—	—	—	—	—	—
39470.65	2.21	7.78	0.13	—	—	—	—	-25.45	1.16	24.01	0.26
39916.85	0.84	7.52	0.07	—	—	—	—	-18.79	0.68	27.91	1.60
40389.80	2.10	8.52	0.10	40128.11	4.15	13.58	0.29	-22.51	0.66	26.22	0.48
40822.64	1.50	8.38	0.06	40583.46	2.39	13.61	0.11	-22.16	3.20	26.33	0.65
41295.19	1.01	8.61	0.04	—	—	—	—	-26.46	0.87	17.90	0.44
41734.53	1.49	7.78	0.05	41503.03	1.35	13.94	0.23	-18.70	0.47	23.73	0.44
42171.51	0.00	7.84	0.13	41941.65	0.91	13.43	0.08	-9.58	1.00	26.72	0.85
42629.85	11.97	7.15	0.43	—	—	—	—	-21.38	0.20	24.64	0.09
43093.96	1.89	7.64	0.11	42848.08	0.84	13.90	0.09	-17.12	0.42	23.31	0.05
43549.30	0.21	6.83	0.05	—	—	—	—	-12.49	0.36	25.30	0.29
44006.87	1.79	8.17	0.13	43779.32	0.79	13.96	0.11	-14.27	0.24	28.24	0.75
44459.61	2.90	7.40	0.09	44209.97	1.38	13.43	0.09	—	—	21.20	0.14
44928.26	0.85	7.83	0.07	44722.81	1.55	14.42	0.15	-8.99	0.20	22.01	0.07
45387.30	1.10	7.22	0.06	45135.21	0.79	13.77	0.08	-17.93	0.66	29.70	0.10
45862.35	2.09	7.38	0.16	45619.21	1.99	13.65	0.11	-19.49	0.93	20.83	0.44
46320.88	0.99	6.72	0.09	46068.13	3.74	13.80	0.14	-15.35	0.80	22.93	0.04
46777.74	1.14	8.00	0.06	46532.98	8.93	13.49	0.23	-9.32	0.15	26.44	0.14
47232.98	1.35	7.19	0.28	—	—	—	—	-13.55	0.48	30.18	0.25
47693.34	0.00	7.34	0.12	47454.16	1.56	13.61	0.09	-15.39	0.22	24.64	0.30
48161.05	1.19	7.65	0.05	47902.57	4.51	13.58	0.12	-21.77	1.23	20.31	0.11
48613.05	0.95	8.27	0.02	48361.75	4.62	13.30	0.18	-18.40	1.64	21.06	0.19
49072.47	1.21	7.63	0.04	48817.87	0.98	13.49	0.11	-23.92	0.46	24.66	0.11
49512.05	1.42	7.61	0.09	49277.12	0.85	13.84	0.08	-20.12	0.60	28.25	0.24
49979.04	1.99	8.04	0.04	49727.53	2.02	13.59	0.10	-22.49	1.21	21.71	0.09
50423.75	0.87	7.81	0.04	50181.04	1.19	13.28	0.05	-14.30	0.20	23.27	0.14
50867.85	0.72	7.20	0.06	50628.92	0.68	13.28	0.12	-17.65	0.76	18.49	2.42

R Boo

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
—	—	—	—	23165.38	5.08	12.33	0.23	—	—	—	—
23489.74	0.70	6.95	0.13	—	—	—	—	—	—	19.49	0.77
—	—	—	—	23609.49	1.84	11.73	0.21	—	—	—	—
23941.75	0.48	7.12	0.09	—	—	—	—	-16.68	0.28	17.11	0.23
24164.73	1.60	8.01	0.05	—	—	—	—	—	—	—	—
24384.34	1.13	6.88	0.06	24274.14	4.06	12.34	0.21	-11.98	0.19	15.60	0.38
24616.08	1.29	7.87	0.09	—	—	—	—	-11.97	0.36	16.39	0.29
24845.14	4.65	7.43	0.23	24730.75	5.00	12.65	0.26	—	—	—	—
25063.74	0.53	7.10	0.05	—	—	—	—	-16.57	0.18	18.68	0.20
25282.51	0.89	7.29	0.39	—	—	—	—	-12.57	0.63	18.62	0.19
25518.44	0.49	6.98	0.06	25404.79	0.74	12.54	0.14	-10.17	0.24	—	—
25740.63	0.32	7.10	0.06	25629.84	1.03	12.78	0.14	-17.11	0.30	15.93	0.10
25968.60	0.54	7.01	0.05	25856.91	2.11	12.65	0.13	—	—	—	—
26201.81	0.71	7.22	0.06	26088.89	2.65	12.86	0.16	-16.43	0.17	—	—
26428.04	1.55	7.30	0.08	—	—	—	—	—	—	15.54	0.10
26642.76	1.12	6.71	0.17	26531.43	0.48	12.51	0.10	-14.50	0.66	—	—
26868.98	1.00	7.28	0.10	26769.73	10.60	12.06	0.57	-15.63	0.34	14.93	0.18
27084.35	0.00	6.18	0.13	—	—	—	—	—	—	16.73	0.12
27321.57	1.33	7.13	0.07	27214.46	0.45	12.96	0.08	-14.92	0.19	15.09	0.28
27546.95	1.29	7.41	0.09	—	—	—	—	-15.00	0.36	15.19	0.23
27769.02	1.39	6.92	0.16	27659.99	5.38	12.51	0.23	-13.04	0.22	17.67	0.34
27994.66	0.50	7.22	0.06	27889.38	1.73	12.27	0.20	-15.70	0.10	15.05	0.14
28228.30	1.26	6.82	0.09	—	—	—	—	—	—	13.51	0.04
28452.80	3.91	7.92	0.18	28339.92	1.50	13.02	0.10	-13.65	0.21	—	—
28672.33	0.60	6.91	0.07	28559.62	3.49	12.59	0.29	-13.91	0.11	15.23	0.10
28891.41	2.41	7.62	0.12	28784.73	2.91	12.12	0.17	-12.52	0.16	18.40	0.20
29115.62	1.24	7.00	0.10	29009.83	0.95	12.57	0.10	-16.53	0.18	19.24	0.69
29335.41	1.33	7.23	0.66	—	—	—	—	—	—	16.17	0.14
29556.44	1.83	7.26	0.08	—	—	—	—	—	—	—	—
29784.15	1.63	7.30	0.13	—	—	—	—	-16.02	0.53	15.23	0.20
30228.35	0.19	6.77	0.11	—	—	—	—	—	—	20.38	0.93
—	—	—	—	30563.56	0.59	11.27	0.19	—	—	—	—
30900.33	1.34	6.64	0.13	—	—	—	—	-16.78	0.54	13.29	0.16
—	—	—	—	32337.26	1.90	11.93	0.17	—	—	—	—
32676.00	1.02	7.45	0.07	—	—	—	—	-16.87	0.38	17.15	0.12
—	—	—	—	32790.23	0.14	12.91	0.12	—	—	—	—
33121.77	1.43	7.04	0.13	—	—	—	—	-16.85	0.58	—	—
33336.73	0.21	6.83	0.12	—	—	—	—	-14.70	1.64	22.95	0.87
—	—	—	—	33468.16	0.00	11.69	0.20	—	—	—	—
34236.77	1.89	7.43	0.10	34157.06	1.99	10.90	0.17	-15.20	1.10	—	—
34456.29	0.14	6.86	0.09	—	—	—	—	—	—	—	—
34921.29	4.21	8.01	0.14	—	—	—	—	-15.98	0.42	18.66	0.91
35362.32	0.28	7.10	0.06	35253.03	2.70	11.79	0.17	-18.71	0.91	—	—
35590.16	1.07	6.81	0.09	—	—	—	—	-17.77	0.62	17.22	0.35
36033.12	1.44	7.31	0.14	—	—	—	—	-20.01	2.49	21.41	0.73
—	—	—	—	36373.66	1.46	12.02	0.19	—	—	—	—
36707.28	1.43	7.55	0.35	—	—	—	—	-10.91	0.52	—	—
37146.66	2.97	7.47	1.59	—	—	—	—	—	—	21.95	0.58
37356.48	5.89	7.30	0.10	—	—	—	—	—	—	20.31	0.21
37587.07	1.59	7.47	1.33	37495.04	0.86	11.95	0.12	-7.64	1.28	—	—
37819.77	4.02	7.41	0.16	37701.52	3.51	12.26	0.30	-14.50	0.41	17.35	0.35
38049.09	0.46	6.88	0.15	37933.71	4.27	12.42	0.33	-14.60	1.04	15.01	0.47
38273.78	14.07	7.80	0.33	—	—	—	—	-14.07	1.25	—	—
38496.83	2.66	7.00	0.17	—	—	—	—	—	—	20.69	0.69
38939.53	1.58	7.27	0.25	—	—	—	—	-15.93	0.40	14.97	1.13

R Boo (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
39170.07	1.05	7.09	0.18	—	—	—	—	—	—	16.62	0.36
39377.65	0.53	6.52	0.14	39276.99	1.98	12.27	0.22	-13.39	0.67	16.93	0.52
39612.29	0.66	7.30	0.05	39507.65	2.24	12.25	0.22	-12.53	0.18	15.24	0.20
39838.65	2.91	7.28	0.23	39724.55	0.13	13.19	0.13	-15.97	0.53	15.68	0.10
40065.94	1.35	6.62	0.12	39952.34	2.07	12.79	0.15	-13.96	0.12	12.97	0.43
40290.60	1.39	7.04	0.11	40182.05	4.72	12.68	0.24	-11.45	0.12	15.04	0.08
40514.12	2.34	7.67	0.13	40404.59	0.39	12.90	0.07	-12.43	0.14	20.61	0.35
40734.18	0.86	6.39	0.07	40634.64	1.49	12.39	0.20	-10.45	0.38	14.18	0.05
40962.12	0.83	7.66	0.06	—	—	—	—	—	—	14.23	0.29
41181.25	0.40	6.76	0.06	41070.22	1.61	12.30	0.14	-13.30	0.14	14.41	0.21
41411.78	1.05	7.81	0.07	41306.92	0.59	12.97	0.09	-11.36	0.12	13.25	0.07
41629.88	4.00	7.55	0.21	41517.31	0.71	12.69	0.08	—	—	16.81	0.25
41857.01	0.94	7.78	0.05	41754.70	0.58	13.20	0.12	-11.04	0.11	—	—
42077.79	3.00	7.27	0.14	—	—	—	—	-12.95	0.25	12.08	0.10
42299.46	1.52	7.42	0.04	42195.01	2.23	12.68	0.17	-14.08	0.16	—	—
42517.69	0.78	6.63	0.06	42408.39	1.37	12.24	0.12	-12.02	0.16	14.02	0.04
42751.34	1.49	7.59	0.19	42634.68	1.36	12.61	0.13	-16.60	0.29	13.10	0.11
42963.22	0.17	6.71	0.04	42854.00	1.14	13.10	0.11	-13.88	0.06	14.93	0.10
43192.95	1.15	7.60	0.09	43083.20	2.87	12.49	0.16	-13.12	0.16	15.04	0.05
43411.97	1.54	6.87	0.10	43300.85	2.25	12.49	0.12	-12.34	0.08	13.22	0.28
43635.33	0.55	7.00	0.06	43519.35	0.90	12.68	0.13	-12.27	0.22	13.96	0.11
43856.98	2.25	7.75	0.14	43744.64	1.91	12.44	0.10	-17.25	0.68	15.06	0.15
44077.68	0.47	6.75	0.05	43964.59	1.14	12.65	0.11	-15.06	0.07	13.60	0.21
44303.21	2.27	7.32	0.11	44194.49	2.27	12.65	0.19	-14.00	0.18	14.84	0.07
44524.77	1.85	7.37	0.10	44414.76	1.66	12.42	0.10	-12.62	0.17	17.70	0.29
44740.61	0.81	7.18	0.05	44638.82	0.35	12.63	0.12	-12.40	0.60	17.95	0.08
44965.25	0.68	7.35	0.05	44857.31	1.81	12.19	0.14	-13.88	0.62	18.43	0.11
45189.71	3.09	6.89	0.11	45088.42	0.23	12.15	0.04	-10.30	0.05	16.33	0.28
45422.60	1.30	7.67	0.06	45308.81	0.38	12.66	0.15	-16.96	0.21	15.22	0.03
45645.00	4.33	8.12	0.16	45539.00	1.18	12.76	0.08	-15.21	0.11	15.27	0.37
45865.56	0.25	6.65	0.03	45746.56	1.51	12.43	0.12	-16.03	0.06	15.00	0.05
46087.30	1.90	7.51	0.11	45975.66	0.08	12.77	0.10	—	—	16.38	0.07
46309.78	0.79	7.34	0.05	46206.07	1.73	12.97	0.12	-8.88	0.06	—	—
46527.21	0.89	7.19	0.06	46434.33	0.21	12.62	0.08	-12.85	0.14	20.06	0.04
46752.25	0.42	7.59	0.05	46654.51	0.97	12.31	0.09	-9.79	0.12	13.59	0.20
46976.21	0.83	7.30	0.04	46872.62	0.26	12.69	0.06	-6.31	0.09	16.29	0.07
47197.59	0.73	7.09	0.03	47080.20	1.41	12.04	0.21	—	—	14.43	0.04
47430.20	4.56	8.10	0.11	47320.92	0.64	12.93	0.06	-15.56	0.04	—	—
47643.23	0.68	7.35	0.03	47533.59	1.95	12.12	0.16	-13.07	0.12	18.21	0.03
47868.91	1.93	7.59	0.10	47768.61	0.76	12.69	0.08	-13.97	0.25	14.88	0.10
48086.38	0.26	6.89	0.03	47985.56	1.48	12.19	0.09	-13.26	0.03	18.40	0.11
48314.81	1.02	7.24	0.09	48221.45	0.20	12.84	0.10	-10.93	0.17	14.96	0.03
48544.33	0.50	6.88	0.07	48432.61	1.12	12.75	0.07	-14.24	0.06	16.74	0.76
48770.88	0.27	6.85	0.03	48659.63	0.18	12.81	0.08	-13.99	0.07	13.54	0.03
49000.19	0.55	7.33	0.04	48885.63	1.79	12.86	0.17	-13.20	0.43	14.55	0.07
49228.21	0.62	7.97	0.02	49113.00	1.07	12.78	0.07	-13.49	0.06	16.16	0.32
49444.00	0.59	6.82	0.04	49335.00	0.13	11.96	0.10	-16.37	0.10	15.58	0.02
49671.60	1.36	7.28	0.14	49561.76	1.49	12.51	0.09	-13.03	0.09	16.29	0.12
49900.66	0.48	6.85	0.03	49782.26	1.81	12.13	0.10	-14.56	0.03	12.49	0.03
50124.84	1.50	8.04	0.08	50017.80	0.37	12.68	0.06	-13.69	0.19	12.11	0.08
50348.15	0.42	7.12	0.04	50229.25	0.30	12.98	0.04	-15.67	0.02	16.72	0.21
50578.69	0.27	7.64	0.02	50467.93	0.87	12.83	0.11	-13.55	0.09	15.12	0.03
50802.74	1.85	6.94	0.14	50682.61	1.22	12.19	0.06	-17.07	0.07	—	—

T Cam

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23231.60	1.20	7.75	0.02	—	—	—	—	-12.25	0.36	21.44	0.16
23627.90	2.90	8.49	0.03	—	—	—	—	-13.50	0.21	22.70	0.15
23981.20	2.60	8.14	0.03	23790.30	4.40	13.67	0.13	-18.75	0.12	26.23	0.07
24349.10	3.50	7.97	0.04	24153.80	4.60	13.76	0.09	-12.76	0.20	23.37	0.09
24729.40	3.80	8.48	0.03	24548.50	6.00	14.26	0.25	-15.35	0.17	25.78	0.18
25090.70	2.90	8.05	0.03	24909.10	9.00	13.56	0.13	-12.50	0.18	31.00	0.09
25465.30	2.80	8.04	0.04	25289.30	5.60	13.39	0.06	-11.80	0.18	28.91	0.09
25838.20	7.80	8.17	0.02	25664.10	9.20	14.02	0.15	-11.00	0.12	20.32	0.21
26221.00	5.40	8.13	0.05	26027.40	5.20	13.19	0.05	-13.59	0.15	25.11	0.07
26620.30	2.80	8.06	0.04	—	—	—	—	-18.57	0.22	24.38	0.07
26999.10	2.50	7.88	0.03	26795.60	10.80	13.82	0.07	-17.11	0.54	20.20	0.11
27359.40	3.30	7.99	0.05	27181.00	16.00	13.55	0.07	-11.16	0.09	25.90	0.15
27735.60	4.60	8.01	0.04	27537.90	10.70	13.15	0.06	-16.84	0.33	22.39	0.18
28122.90	5.40	8.09	0.08	—	—	—	—	-18.97	0.75	20.93	0.39
28490.10	4.60	7.93	0.05	—	—	—	—	-15.53	0.63	—	—
28866.10	8.90	8.05	0.08	—	—	—	—	-12.57	0.51	22.04	0.16
29231.70	8.70	7.82	0.06	—	—	—	—	-12.44	0.33	22.08	0.15
29615.30	3.40	8.14	0.06	—	—	—	—	-13.97	0.74	—	—
29990.00	2.80	7.79	0.05	—	—	—	—	—	—	—	—
30367.00	7.10	8.28	0.16	—	—	—	—	—	—	—	—
30762.00	37.00	8.53	0.06	—	—	—	—	—	—	—	—
31124.00	11.10	7.76	0.12	—	—	—	—	—	—	—	—
32631.10	17.50	7.85	0.11	—	—	—	—	—	—	—	—
—	—	—	—	37365.20	3.40	14.07	0.05	—	—	—	—
37930.40	2.90	7.61	0.07	—	—	—	—	—	—	23.43	0.42
39784.80	14.30	8.46	0.08	—	—	—	—	—	—	22.03	0.52
40156.70	26.60	8.17	0.19	—	—	—	—	—	—	27.57	0.23
40501.20	9.20	8.23	0.15	—	—	—	—	—	—	26.14	0.47
40884.40	14.30	8.32	0.06	—	—	—	—	—	—	—	—
41247.20	6.50	8.09	0.08	—	—	—	—	—	—	—	—
41626.00	12.80	7.95	0.12	—	—	—	—	—	—	22.01	0.24
41985.60	5.40	7.89	0.09	—	—	—	—	-34.77	1.20	28.61	0.54
42340.30	14.40	8.30	0.13	—	—	—	—	—	—	18.88	0.65
42712.80	18.70	8.27	0.07	—	—	—	—	—	—	23.90	0.27
43078.70	8.50	8.25	0.09	—	—	—	—	—	—	22.67	0.22
43425.60	12.20	8.44	0.08	43268.70	21.10	14.10	0.24	—	—	24.46	0.70
43815.20	5.90	8.35	0.05	—	—	—	—	—	—	24.89	0.20
44190.20	7.60	8.59	0.05	—	—	—	—	—	—	33.24	0.24
44570.10	5.40	8.34	0.06	—	—	—	—	—	—	25.51	0.21
44932.00	3.00	8.56	0.04	—	—	—	—	—	—	23.94	0.09
45302.80	6.00	8.69	0.03	—	—	—	—	-18.26	0.32	26.76	0.19
45673.50	4.10	8.37	0.04	—	—	—	—	-17.42	0.39	26.04	0.14
46038.50	4.80	8.22	0.05	—	—	—	—	-13.91	0.48	27.15	0.16
46411.90	4.00	7.96	0.05	—	—	—	—	-14.20	0.35	25.87	0.09
46805.10	5.90	8.53	0.05	46595.00	8.50	13.90	0.28	-14.99	0.36	24.00	0.18
47195.90	3.90	8.60	0.03	47000.00	3.90	14.13	0.14	-9.97	0.15	22.50	0.20
47545.50	4.20	8.63	0.03	—	—	—	—	-12.60	0.25	22.33	0.20
47907.60	11.60	8.43	0.05	47730.00	4.70	13.94	0.07	-13.38	0.12	20.96	0.23
48281.60	9.70	8.34	0.05	48093.10	6.50	13.97	0.19	-17.64	0.33	26.73	0.39
48650.10	6.50	8.34	0.04	48470.30	8.60	13.78	0.12	-13.17	0.28	22.38	0.94
49039.20	4.80	8.35	0.04	48848.00	8.10	14.06	0.18	-13.56	0.30	23.24	0.59
49395.90	4.70	8.43	0.03	49218.40	14.70	13.79	0.11	-15.84	0.42	—	—
49784.80	3.40	8.14	0.03	49590.60	3.40	13.87	0.07	-14.93	0.14	24.87	0.10
50161.40	6.70	8.26	0.04	49967.00	5.70	13.91	0.09	-13.55	0.23	22.55	0.21
50543.30	2.80	8.22	0.03	50364.90	3.70	14.06	0.07	-10.80	0.19	28.37	0.12
—	—	—	—	50738.50	4.20	13.93	0.08	—	—	—	—

R Cas

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
22968.42	0.71	6.62	0.14	—	—	—	—	-7.94	0.09	36.13	0.38
23390.65	0.08	6.42	0.08	23226.86	5.61	12.60	0.11	-9.68	0.51	45.69	1.02
23819.43	1.00	6.46	0.07	23666.30	5.95	11.75	0.20	-16.04	2.50	30.83	0.34
24262.58	1.22	7.07	0.09	24084.10	3.83	12.11	0.10	-20.13	1.07	34.24	0.19
24672.43	0.29	6.04	0.05	24499.87	1.54	12.37	0.06	-8.58	1.20	37.73	0.21
25125.07	1.43	6.90	0.06	24886.45	0.00	11.23	0.10	-12.48	0.27	37.79	0.23
25556.05	0.87	7.01	0.05	25388.64	1.82	12.51	0.13	-10.20	0.36	37.87	0.23
25972.55	0.71	6.08	0.08	25792.58	0.00	12.70	0.08	-12.21	2.36	31.16	1.34
26379.09	0.35	5.61	0.13	26255.21	6.86	11.84	0.35	-6.97	1.17	39.92	1.38
26825.43	1.20	6.48	0.11	26643.92	1.49	12.63	0.11	-9.27	0.31	35.13	0.26
27257.98	1.78	6.99	0.12	27073.19	4.42	12.55	0.16	-13.65	2.77	34.23	0.66
27674.85	0.44	5.88	0.08	27489.66	7.51	12.54	0.47	-8.73	0.99	35.33	0.90
28111.71	0.58	5.76	0.06	27959.84	0.62	12.51	0.15	-10.49	0.23	27.19	0.41
28535.19	0.55	6.96	0.07	28383.85	2.20	12.58	0.13	-8.89	0.40	49.64	2.15
28971.50	0.55	5.67	0.07	28822.83	0.00	12.60	0.09	-10.71	0.23	38.25	0.47
29407.68	0.00	6.34	0.06	29238.41	3.21	12.23	0.12	—	—	45.14	0.69
30276.63	0.72	6.84	0.07	—	—	—	—	-10.00	0.34	45.65	0.54
30710.02	0.87	6.41	0.22	—	—	—	—	-11.35	1.17	29.99	3.62
31138.19	0.54	5.86	0.07	30977.78	4.12	12.00	0.17	-12.87	1.02	—	—
32442.07	0.21	7.10	0.07	—	—	—	—	—	—	—	—
32863.51	0.35	5.18	0.06	32787.39	0.03	12.49	0.13	-7.56	0.12	32.46	0.44
33313.99	2.14	6.65	0.16	33102.19	0.24	11.46	0.09	-5.61	0.73	28.23	0.55
34646.99	1.96	6.28	0.03	—	—	—	—	—	—	—	—
35027.93	0.00	7.02	0.08	—	—	—	—	-7.36	0.42	—	—
35466.21	0.18	6.02	0.07	—	—	—	—	-11.53	0.45	—	—
37210.30	1.10	6.59	0.08	—	—	—	—	-10.86	0.43	41.99	1.15
37647.19	0.88	6.19	0.09	37483.46	0.00	12.77	0.28	-12.57	0.53	20.75	1.54
38052.31	1.44	5.64	0.11	—	—	—	—	-10.96	0.48	17.56	23.15
—	—	—	—	38319.48	3.84	11.76	0.09	—	—	—	—
39330.43	0.80	5.24	0.07	—	—	—	—	—	—	30.04	0.47
39770.70	1.17	7.57	0.22	—	—	—	—	-6.85	0.43	33.18	0.15
40181.68	0.92	6.93	0.07	—	—	—	—	-9.65	0.21	36.24	0.31
40610.11	3.71	7.88	0.12	40459.46	11.31	13.35	0.43	-8.43	0.72	—	—
—	—	—	—	40848.18	2.43	12.94	0.11	—	—	—	—
41474.18	2.57	7.77	0.14	41294.61	5.86	12.97	0.18	-20.74	0.54	36.89	0.16
41876.94	1.46	5.71	0.05	—	—	—	—	—	—	25.86	0.54
42306.62	0.79	6.68	0.06	—	—	—	—	-8.91	0.22	35.84	0.13
42748.46	0.81	6.24	0.04	—	—	—	—	-9.59	0.13	30.94	0.44
43172.17	0.65	6.78	0.05	43014.20	1.09	12.55	0.06	-9.63	0.18	38.83	0.08
43590.08	0.52	7.06	0.07	43436.28	0.82	12.63	0.03	-10.82	0.30	50.21	0.57
44019.73	0.14	5.26	0.07	43855.55	2.61	12.15	0.08	—	—	36.07	0.17
44465.69	2.57	7.27	0.03	44287.79	0.00	12.68	0.12	—	—	43.13	0.14
44916.93	0.85	6.29	0.03	—	—	—	—	-14.40	0.08	32.10	0.11
45330.17	0.84	7.06	0.10	45168.69	1.01	12.02	0.05	-10.21	0.30	33.83	0.67
45750.43	0.32	4.84	0.04	45572.90	2.18	12.01	0.10	-8.49	0.14	31.84	0.08
46192.56	1.05	7.05	0.09	46033.58	4.53	12.66	0.08	-8.04	0.56	35.81	0.08
46634.60	0.64	6.80	0.03	46464.20	0.91	12.99	0.05	-9.03	0.76	43.78	0.13
47058.56	0.24	6.23	0.02	46895.41	0.54	12.15	0.05	-8.87	0.22	44.54	0.17
47501.69	0.40	6.47	0.03	47341.93	1.55	12.56	0.05	-10.79	0.05	37.51	0.09
47921.44	0.24	5.37	0.03	47759.25	3.20	12.60	0.13	-6.81	0.18	42.25	0.16
48369.72	1.09	5.89	0.11	48190.25	0.29	11.82	0.06	-13.23	0.29	36.02	0.41
48803.21	1.01	6.36	0.05	48625.04	0.88	12.39	0.05	-14.71	0.79	37.72	0.04
49226.77	0.58	6.24	0.03	49056.01	5.15	12.03	0.20	-12.18	0.19	32.12	0.18
49642.89	0.13	5.04	0.02	49476.67	0.48	12.03	0.12	-9.36	0.07	33.56	0.06
50096.45	0.61	6.59	0.04	49923.34	1.06	12.25	0.04	-13.85	0.17	27.72	1.06

R Cas (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
50515.85	0.65	6.53	0.04	50339.16	2.16	12.42	0.07	-12.50	0.13	46.19	0.79
—	—	—	—	50762.89	1.20	12.31	0.07	—	—	—	—

S Cep

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23379.10	11.30	7.79	0.06	23075.20	4.40	10.52	0.04	-55.35	4.29	30.88	0.56
23818.20	10.20	8.41	0.06	23555.30	7.00	10.86	0.09	-66.93	1.37	55.77	2.06
24302.70	6.30	8.19	0.05	24010.50	13.50	10.21	0.03	-27.77	5.30	67.95	1.58
24771.90	10.90	8.48	0.04	24539.30	17.20	9.95	0.04	-101.68	1.93	75.38	2.07
25272.10	15.00	8.98	0.06	25007.10	10.60	10.67	0.06	-113.54	1.52	36.83	0.37
25744.40	6.50	8.96	0.05	25490.80	14.30	11.50	0.07	-33.00	0.71	50.71	1.41
26164.80	33.10	9.33	0.08	25972.50	59.70	11.39	0.19	—	—	—	—
27188.30	7.70	8.77	0.05	26919.00	4.60	11.70	0.05	-61.69	5.54	43.11	1.02
27673.40	10.20	9.21	0.06	27405.20	10.00	11.56	0.08	—	—	64.58	1.93
28190.80	10.50	8.67	0.07	27891.70	10.60	11.49	0.06	—	—	53.19	1.26
28710.40	16.90	9.50	0.10	28376.20	14.30	10.69	0.12	—	—	—	—
29194.10	19.10	8.18	0.07	28876.70	6.60	10.77	0.10	-28.03	1.11	46.21	1.34
29644.80	25.40	9.38	0.05	29388.60	15.20	10.77	0.11	—	—	—	—
—	—	—	—	29898.80	11.80	11.78	0.05	—	—	—	—
30677.00	27.50	8.63	0.04	—	—	—	—	—	—	—	—
31131.40	9.10	8.84	0.03	—	—	—	—	—	—	—	—
—	—	—	—	31358.00	8.00	11.30	0.11	—	—	—	—
32607.90	12.10	7.70	0.11	—	—	—	—	-40.27	36.12	74.98	1.85
33587.70	9.80	8.53	0.05	—	—	—	—	-24.07	2.28	91.87	14.66
35068.50	5.70	8.50	0.07	34829.30	1.50	11.04	0.08	-118.05	1.44	41.51	0.61
—	—	—	—	35272.30	5.20	11.94	0.04	—	—	—	—
37489.40	6.90	9.57	0.05	37244.90	14.50	12.45	0.07	-65.30	1.95	53.05	1.69
37988.20	16.70	9.33	0.06	37700.00	7.40	12.11	0.10	-63.92	5.65	37.02	0.88
38499.90	7.30	9.17	0.09	38159.40	6.90	11.81	0.13	—	—	—	—
38918.00	3.10	8.69	0.07	—	—	—	—	-24.27	0.63	38.50	2.58
39413.30	7.10	8.56	0.06	—	—	—	—	—	—	78.75	1.24
39885.70	20.40	8.24	0.07	39616.60	20.10	10.44	0.10	—	—	25.66	4.43
40364.70	13.30	8.35	0.10	40125.00	9.90	10.46	0.09	—	—	—	—
40899.20	32.00	8.50	0.12	—	—	—	—	—	—	46.12	1.91
41358.40	14.10	8.20	0.08	41086.80	5.80	11.09	0.11	—	—	—	—
42816.70	15.40	7.92	0.09	—	—	—	—	-67.96	6.45	48.80	1.95
43291.30	5.90	8.44	0.08	43031.00	10.30	11.26	0.11	-78.93	1.04	64.69	1.27
43799.30	7.00	7.98	0.07	43517.80	8.90	10.73	0.11	—	—	51.39	2.46
44269.80	6.50	7.78	0.05	44014.60	7.20	10.12	0.06	-17.20	4.90	78.97	1.29
44762.00	5.70	8.13	0.08	44513.00	10.60	10.19	0.05	—	—	50.22	0.68
45257.40	9.70	8.61	0.04	44997.50	5.10	11.18	0.05	-33.26	2.16	—	—
45758.90	10.30	7.73	0.05	45464.40	9.50	10.71	0.08	-38.64	1.75	51.13	0.85
46227.90	12.30	8.53	0.06	45972.40	6.70	10.50	0.07	—	—	62.96	0.41
46742.40	21.10	8.74	0.06	46471.10	8.50	11.39	0.06	-31.09	2.65	76.80	2.06
47205.60	30.30	8.27	0.05	46952.10	4.10	10.72	0.07	—	—	56.54	0.87
47687.20	8.00	8.02	0.06	47428.90	6.00	10.36	0.05	—	—	59.03	1.05
48174.60	5.40	7.68	0.05	47904.40	15.20	9.98	0.07	-75.20	2.27	57.79	1.20
48649.40	8.10	8.13	0.05	48404.40	34.00	9.92	0.07	-29.53	1.15	76.75	1.03
49137.20	8.20	8.19	0.05	48877.90	6.80	10.18	0.04	—	—	55.94	0.85
49647.00	8.50	8.56	0.04	49367.60	5.70	10.84	0.09	—	—	48.90	0.62
50119.30	5.10	8.50	0.04	49851.20	6.60	11.24	0.05	-43.71	0.79	62.25	0.83
50586.00	7.00	8.70	0.06	50331.30	3.90	11.14	0.03	-50.56	3.66	77.77	0.69
—	—	—	—	50830.60	6.50	10.86	0.06	—	—	—	—

T Cep

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
20064.50	3.90	6.18	0.04	—	—	—	—	-48.14	1.48	32.27	0.59
—	—	—	—	20234.30	2.10	10.24	0.05	—	—	—	—
23182.70	2.20	6.22	0.03	22969.80	4.30	10.30	0.06	-36.55	0.92	30.70	0.18
23577.10	1.90	6.09	0.03	23360.80	2.60	10.58	0.05	-25.25	0.57	31.04	0.17
23963.70	2.10	6.45	0.02	23760.80	4.10	10.50	0.04	-35.38	0.20	39.56	0.21
24348.40	1.60	6.13	0.02	24158.00	2.10	10.34	0.03	-20.30	0.41	34.23	0.23
24742.30	1.80	6.16	0.02	24539.00	4.00	10.25	0.05	-42.13	0.49	27.53	0.21
25134.70	1.70	6.14	0.02	24926.60	3.00	10.33	0.06	-36.24	1.11	30.48	0.16
25539.90	1.60	6.11	0.02	25317.90	3.10	10.19	0.05	-34.39	1.08	35.01	0.14
25940.50	1.70	6.32	0.02	25727.50	3.30	9.98	0.05	-49.58	0.60	34.48	0.43
26333.70	1.90	6.47	0.02	26126.20	3.50	10.29	0.08	-31.61	1.36	30.88	0.54
26726.90	1.50	6.34	0.02	26505.90	15.70	10.10	0.14	-41.93	0.73	38.54	0.21
27122.80	3.10	6.16	0.03	26912.10	3.90	10.14	0.05	-24.69	0.90	33.69	0.25
27528.80	1.40	6.28	0.03	27308.40	3.80	10.49	0.09	-35.59	0.83	29.60	0.29
27925.50	2.30	5.98	0.04	27695.90	5.00	10.23	0.06	-47.97	2.47	28.26	0.33
28317.30	2.60	5.78	0.05	28091.10	11.40	10.10	0.15	-29.33	0.86	25.11	0.11
28712.50	2.30	6.19	0.05	28499.00	5.90	10.64	0.05	-45.57	0.55	30.32	0.15
29119.60	2.80	6.04	0.06	28897.10	5.90	10.78	0.07	-48.83	0.79	32.40	0.20
29511.20	2.40	5.60	0.05	29312.70	7.20	10.37	0.08	-26.47	0.95	31.49	0.53
29902.80	3.90	5.92	0.04	29699.30	5.70	10.22	0.13	-35.94	1.55	30.11	0.55
30315.60	4.90	6.12	0.07	—	—	—	—	-33.94	1.15	—	—
30690.30	3.80	6.01	0.05	—	—	—	—	-36.00	1.04	25.77	3.70
31088.80	4.70	5.93	0.06	—	—	—	—	-23.69	0.66	30.46	0.47
31482.20	11.50	6.25	0.11	31266.80	3.10	10.39	0.11	-27.34	1.15	—	—
32257.40	1.90	5.89	0.10	—	—	—	—	—	—	—	—
32648.80	6.80	6.38	0.10	32455.00	5.80	10.16	0.07	-37.52	0.69	32.00	1.24
33041.00	6.00	6.27	0.06	32832.10	8.10	9.96	0.09	-36.23	4.33	29.71	0.51
33430.00	3.20	6.49	0.08	33221.90	2.80	10.51	0.05	-44.81	0.91	32.96	0.23
—	—	—	—	33615.30	4.50	10.37	0.05	—	—	—	—
34177.70	4.50	6.36	0.10	33994.70	2.80	10.67	0.05	-27.54	0.51	35.85	0.58
34559.30	7.20	5.76	0.08	34368.40	6.70	10.03	0.08	-39.95	1.59	32.64	0.20
34951.30	2.90	6.29	0.05	34766.50	2.30	10.07	0.02	-30.98	1.44	32.22	0.22
35345.30	3.70	6.42	0.04	35135.10	4.70	10.36	0.08	—	—	26.33	0.38
35713.50	3.20	6.66	0.04	—	—	—	—	—	—	38.23	0.22
36097.00	2.40	6.37	0.05	35894.30	6.70	10.28	0.08	—	—	29.50	0.29
36474.90	4.10	6.92	0.05	—	—	—	—	-46.20	3.61	31.61	0.44
36843.90	6.30	6.86	0.06	36640.10	8.50	10.25	0.08	-40.61	1.75	39.95	2.53
37211.50	6.40	6.38	0.06	37032.40	8.20	9.90	0.13	-16.42	1.28	34.61	0.89
37578.90	3.10	6.06	0.05	37391.30	2.80	9.91	0.05	-32.41	0.89	37.82	0.68
37969.60	4.90	6.08	0.04	37768.30	2.70	9.92	0.10	-39.93	0.70	22.78	0.76
39508.00	3.70	6.27	0.04	39291.70	6.20	9.78	0.05	-26.38	0.54	29.15	0.57
39882.30	10.90	6.35	0.03	39681.90	5.10	9.91	0.04	-26.57	0.35	38.13	0.86
40260.80	53.10	6.19	0.05	40076.70	3.80	9.47	0.05	-21.15	0.33	41.37	0.43
40612.20	10.00	6.21	0.05	40460.00	3.40	9.65	0.05	-24.67	0.28	34.70	1.13
41032.60	6.40	6.00	0.08	40809.80	4.20	9.23	0.04	-52.12	0.53	33.19	0.40
41431.40	10.10	6.43	0.08	41212.90	5.60	9.66	0.04	—	—	31.68	1.44
41824.50	4.60	6.43	0.10	41606.00	5.40	10.06	0.09	-31.95	1.11	25.64	0.55
42199.80	3.20	6.36	0.04	42002.60	7.10	10.26	0.06	-19.99	1.38	35.09	0.31
42586.90	2.00	5.89	0.03	42379.70	3.30	9.87	0.04	-22.31	0.67	33.60	0.10
42988.40	3.30	6.65	0.04	42793.60	3.50	10.62	0.05	-23.40	1.48	44.07	0.33
43372.70	4.40	6.19	0.03	43189.40	4.60	9.87	0.05	-24.64	0.87	32.55	0.19
43782.50	1.70	6.36	0.02	43573.30	6.80	10.12	0.08	-25.53	2.38	31.03	0.10
44181.70	2.00	6.05	0.03	43957.40	4.60	10.00	0.06	-29.60	3.02	25.13	0.51
44580.30	1.40	6.34	0.02	44361.10	2.40	10.50	0.04	-33.39	0.31	35.72	0.19
44968.60	1.40	6.19	0.02	44762.40	4.00	10.35	0.08	-27.16	0.67	33.45	0.08

T Cep (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
45363.80	1.80	6.16	0.03	45159.30	2.10	10.73	0.04	-24.70	0.20	34.53	0.34
45752.80	3.00	6.03	0.03	45549.10	2.80	10.08	0.03	-27.24	0.20	37.83	0.13
46155.70	1.40	6.13	0.02	45945.10	2.00	10.06	0.03	-22.12	0.20	33.33	0.11
46550.00	1.30	6.12	0.02	46339.70	2.30	10.24	0.03	-35.12	0.16	30.22	0.09
46945.10	1.60	5.66	0.03	46729.20	3.30	10.11	0.03	-38.86	0.25	29.26	0.05
47345.70	1.30	6.06	0.02	47134.90	2.30	10.43	0.03	-17.75	0.30	31.19	0.07
47744.60	1.50	6.05	0.02	47542.90	2.20	10.38	0.02	-33.06	0.11	28.21	0.18
48147.10	1.30	6.10	0.01	47949.20	2.30	10.44	0.03	-33.18	0.18	30.15	0.07
48560.20	1.20	5.83	0.02	48348.30	2.20	10.55	0.03	-31.65	0.16	29.06	0.11
48947.90	1.30	5.95	0.02	48735.60	1.80	10.29	0.04	-32.19	0.14	32.31	0.06
49356.10	1.40	6.11	0.02	49142.20	1.80	10.69	0.03	-26.07	0.11	32.18	0.07
49764.60	1.40	6.59	0.02	49546.10	2.00	10.71	0.02	-40.02	0.10	36.99	0.07
50154.00	1.40	5.62	0.02	49947.40	1.80	10.40	0.02	-22.87	0.09	30.65	0.03
50551.50	1.80	6.21	0.03	50343.00	1.50	10.51	0.02	-38.20	0.32	—	—
—	—	—	—	50756.40	1.80	10.72	0.02	—	—	—	—

S Cas

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23046.75	3.30	8.88	0.10	—	—	—	—	-20.98	0.71	38.12	0.90
23638.18	0.68	7.89	0.05	23350.08	1.86	13.28	0.11	-32.58	0.30	36.01	0.08
24290.83	1.78	9.86	0.07	—	—	—	—	-22.74	0.55	46.21	0.50
24882.85	1.53	8.66	0.08	24647.70	0.26	15.24	0.14	-6.95	1.65	40.72	0.79
25469.54	1.86	8.83	0.10	—	—	—	—	—	—	50.18	0.44
26103.96	1.34	8.64	0.10	25864.69	3.88	14.96	0.11	-13.09	0.38	41.03	1.73
27907.91	0.35	8.63	0.13	—	—	—	—	-10.31	0.23	—	—
28521.35	0.46	8.64	0.12	—	—	—	—	-9.98	0.25	38.39	0.21
—	—	—	—	28900.90	0.16	15.75	0.17	—	—	—	—
32743.98	1.78	9.28	0.08	—	—	—	—	—	—	—	—
33967.00	0.00	8.73	0.10	—	—	—	—	—	—	—	—
34594.86	9.62	9.10	0.38	—	—	—	—	—	—	—	—
39525.98	1.68	9.58	0.12	—	—	—	—	-9.16	0.56	32.38	2.12
40159.58	1.47	11.33	0.07	39906.52	3.46	15.33	0.10	-15.09	1.29	—	—
40760.51	2.29	9.87	0.17	40528.52	3.19	16.33	0.16	-16.50	1.11	15.67	1.52
41404.73	4.14	10.68	0.13	41194.14	1.37	16.10	0.26	-19.56	1.45	45.67	2.79
42025.26	6.34	9.73	0.18	—	—	—	—	-14.72	0.59	15.82	1.29
43258.59	2.57	11.21	0.14	—	—	—	—	—	—	—	—
43861.34	1.90	10.88	0.08	—	—	—	—	—	—	—	—
45095.85	0.00	10.59	0.07	—	—	—	—	-24.78	3.08	—	—
45709.19	1.61	9.76	0.09	—	—	—	—	-11.08	0.44	42.06	0.55
46299.64	0.78	10.20	0.06	—	—	—	—	-10.72	0.60	40.66	1.85
46922.34	0.42	9.48	0.06	—	—	—	—	-13.63	0.47	43.97	1.30
47531.79	1.44	9.71	0.14	47307.42	1.04	15.71	0.16	-8.18	1.28	43.24	0.31
48135.55	1.64	9.35	0.10	47879.62	8.80	15.69	0.19	-11.06	0.81	31.49	0.61
—	—	—	—	48503.66	7.76	14.90	0.15	—	—	—	—
49381.19	1.05	9.37	0.05	—	—	—	—	-10.49	0.41	41.85	0.34
50009.21	1.69	9.69	0.06	—	—	—	—	-12.87	0.34	42.48	0.92
50620.77	1.35	9.33	0.38	50350.83	12.51	15.35	0.14	-10.62	0.26	32.29	0.35

T Cas

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23262.80	7.70	7.66	0.06	22979.20	6.60	11.88	0.07	—	—	26.60	0.24
23687.30	3.70	7.66	0.04	23431.10	12.40	11.64	0.07	-14.50	0.60	20.31	0.23
24128.90	4.20	7.49	0.04	23868.20	5.60	11.74	0.06	-7.96	1.79	18.92	0.33
24565.20	3.70	7.52	0.03	24317.40	9.50	12.00	0.07	-27.21	1.04	27.05	0.42
25021.00	4.10	8.00	0.05	24771.40	6.90	12.12	0.05	-18.29	0.81	24.49	0.10
25469.90	4.40	7.71	0.03	25200.40	5.90	12.24	0.04	-23.83	0.35	21.23	0.18
25909.10	4.20	7.57	0.05	25654.40	6.20	12.10	0.05	-27.73	0.57	26.52	0.29
26368.30	2.90	7.74	0.06	26092.80	12.70	12.15	0.12	-22.58	1.11	28.00	0.20
26802.30	3.30	7.56	0.08	26532.10	8.70	12.14	0.06	-34.74	0.34	26.58	0.25
27241.60	3.20	7.79	0.06	26985.90	9.40	12.09	0.05	-24.59	0.35	28.72	0.19
27675.50	6.40	8.25	0.04	27445.30	3.30	12.28	0.05	-26.97	1.72	41.09	0.28
28112.20	8.90	8.11	0.07	27897.70	17.40	12.13	0.10	-21.54	1.63	40.99	0.81
28613.10	28.30	7.97	0.07	28350.60	4.30	11.85	0.06	-17.87	0.57	20.48	0.30
29041.80	3.20	8.00	0.03	28788.70	4.00	12.04	0.06	-18.39	0.41	26.96	0.17
29493.40	6.00	7.94	0.04	29215.60	7.60	11.96	0.04	-11.74	0.21	27.78	0.37
29910.40	7.40	8.03	0.05	29661.50	7.00	11.87	0.09	-16.17	0.35	27.16	0.42
30345.40	6.10	8.26	0.05	—	—	—	—	—	—	—	—
30766.20	5.00	8.32	0.03	—	—	—	—	—	—	—	—
31172.50	37.50	8.65	0.11	30967.60	2.60	11.95	0.05	—	—	—	—
32531.80	7.50	8.18	0.15	—	—	—	—	—	—	—	—
32983.70	5.20	7.69	0.06	32725.80	10.70	11.52	0.07	-23.21	0.88	29.66	0.94
—	—	—	—	33170.10	8.50	11.77	0.06	—	—	—	—
34761.40	6.10	7.82	0.09	—	—	—	—	—	—	—	—
36088.20	4.00	7.87	0.04	—	—	—	—	—	—	—	—
36518.70	10.60	7.66	0.06	—	—	—	—	—	—	—	—
37456.10	22.50	7.61	0.17	37196.70	4.70	12.27	0.03	-31.99	0.45	26.68	0.40
37906.60	7.10	7.93	0.04	37662.60	6.60	12.22	0.18	-20.86	0.59	24.82	0.41
38348.70	12.00	7.55	0.09	—	—	—	—	—	—	23.63	0.69
38776.20	6.40	7.63	0.08	—	—	—	—	—	—	—	—
—	—	—	—	38993.50	15.60	11.77	0.13	—	—	—	—
39644.10	10.60	7.77	0.05	—	—	—	—	-14.22	0.24	19.41	0.38
40128.10	16.10	7.82	0.05	39873.90	5.70	11.85	0.04	-32.22	0.84	16.60	0.63
40574.00	3.30	7.73	0.05	40341.10	11.60	11.91	0.08	—	—	—	—
41026.50	6.80	7.89	0.11	40771.90	3.50	11.94	0.10	-42.84	0.30	29.64	0.43
41483.30	5.80	7.23	0.10	41215.30	9.60	12.10	0.04	-20.76	0.48	21.21	0.34
41918.70	3.80	7.45	0.05	41672.30	7.10	11.73	0.08	-23.11	0.70	25.06	0.09
42374.70	6.30	7.80	0.04	42098.60	13.00	12.08	0.13	-40.66	0.71	22.09	0.41
42821.40	3.90	7.67	0.05	—	—	—	—	-21.82	0.24	—	—
43274.30	12.70	8.47	0.12	43028.40	11.00	12.35	0.08	-16.11	0.41	30.17	0.50
43729.30	6.70	7.72	0.04	43474.80	6.30	12.11	0.06	-12.57	0.24	22.23	0.09
44164.00	3.60	8.15	0.06	43909.70	5.40	12.38	0.04	-22.91	1.71	26.86	0.16
44601.40	6.10	7.82	0.05	—	—	—	—	—	—	—	—
45050.50	8.60	8.41	0.04	44809.30	9.60	12.44	0.09	-28.39	0.36	32.17	0.33
45509.20	7.00	7.96	0.08	45260.80	5.90	12.18	0.05	-15.92	0.53	36.21	0.21
45918.80	15.90	7.80	0.05	45704.80	6.80	11.84	0.05	-27.58	0.78	30.65	0.23
46369.60	8.10	7.82	0.05	46138.80	7.10	11.77	0.13	—	—	38.38	0.34
46828.60	9.20	8.10	0.06	46584.20	13.80	11.65	0.12	-23.32	1.05	—	—
47266.00	6.00	8.12	0.06	47025.40	5.00	11.86	0.06	-12.60	0.36	19.68	0.22
47703.40	4.30	8.01	0.05	47452.70	4.70	11.96	0.03	-14.85	0.24	28.52	0.07
48130.20	4.40	8.04	0.04	47899.60	8.30	12.14	0.05	-24.33	1.61	37.75	0.22
—	—	—	—	48339.30	0.80	11.66	0.12	—	—	—	—
49027.90	7.00	7.97	0.05	48788.40	7.30	11.69	0.07	-24.00	0.18	39.01	0.28
49442.70	7.60	7.98	0.05	49243.70	5.90	11.82	0.04	-24.94	0.15	28.12	0.42
49862.50	9.40	8.18	0.04	49650.40	5.70	11.27	0.06	-23.81	0.28	32.05	0.09

T Cas (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
50362.00	13.00	8.41	0.05	50082.00	4.90	11.66	0.04	-22.64	0.22	19.81	0.15
50768.10	9.90	7.99	0.03	50513.90	5.30	11.48	0.05	-19.27	1.15	23.18	0.46

U Her

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
—	—	—	—	22912.10	5.01	11.84	0.58	—	—	—	—
23901.58	2.00	7.32	0.05	—	—	—	—	—	—	41.34	0.09
24313.22	2.54	8.09	0.09	—	—	—	—	—	—	30.79	0.20
24724.04	2.26	7.56	0.11	—	—	—	—	-16.31	1.03	13.09	2.86
—	—	—	—	25352.78	1.39	12.08	0.12	—	—	—	—
25917.47	4.33	7.16	0.20	25739.04	2.97	12.05	0.17	-12.66	0.52	—	—
26310.57	0.07	6.81	0.08	26146.92	1.90	11.69	0.04	—	—	12.49	9.92
26734.79	2.50	7.95	0.13	—	—	—	—	-17.39	1.86	25.93	2.70
27124.83	3.40	7.22	0.15	26938.25	13.75	12.55	0.54	-13.51	0.58	22.89	3.52
27536.25	1.14	8.07	0.06	—	—	—	—	—	—	34.84	3.02
27928.95	4.13	7.35	0.06	—	—	—	—	-11.37	0.80	34.59	0.38
28329.89	1.59	7.22	0.11	28161.35	4.34	12.11	0.18	-13.39	0.16	25.95	7.11
28734.23	2.81	7.32	0.07	28578.13	0.88	12.27	0.05	-15.38	0.18	35.10	0.59
29138.43	2.14	7.62	0.10	28975.44	2.53	12.16	0.22	-12.56	0.33	33.11	1.37
29535.43	3.66	7.02	0.12	—	—	—	—	-10.69	0.63	42.49	1.66
29921.97	2.26	8.06	0.14	—	—	—	—	—	—	—	—
—	—	—	—	30183.84	1.57	12.43	0.18	—	—	—	—
32810.97	3.46	7.76	0.10	—	—	—	—	—	—	—	—
39265.45	0.28	8.48	0.07	—	—	—	—	—	—	36.75	3.12
39693.87	4.35	7.96	0.14	—	—	—	—	-15.28	0.78	31.23	3.13
40083.76	5.69	8.15	0.18	39938.54	0.50	12.72	0.07	-9.36	0.40	—	—
40508.19	3.27	8.32	0.08	40336.05	0.11	12.79	0.11	-10.49	0.70	—	—
40926.00	4.29	7.86	0.13	40746.50	2.52	12.40	0.10	-17.84	0.66	45.61	0.80
41331.38	5.39	7.64	0.14	41164.86	3.56	12.29	0.37	—	—	32.49	6.12
41732.53	6.81	8.38	0.15	41580.85	2.15	13.23	0.13	-11.01	0.45	31.10	1.37
42150.71	3.12	7.90	0.08	41930.35	9.71	12.72	0.23	-18.39	0.37	36.48	0.14
42549.98	2.64	7.73	0.06	42375.71	0.97	12.62	0.10	-17.39	0.90	42.53	0.34
42967.86	4.38	8.06	0.06	42798.56	5.53	12.96	0.61	-14.71	1.01	45.11	0.23
43370.16	2.78	8.05	0.10	43209.10	0.22	12.94	0.11	-12.65	0.16	28.99	0.53
43774.34	1.41	7.06	0.09	43632.05	0.04	12.44	0.13	-11.86	0.21	24.63	0.95
44176.56	2.43	8.24	0.10	44002.84	0.06	12.48	0.09	-11.99	0.10	—	—
44587.72	3.66	8.38	0.11	44418.25	11.10	13.63	0.28	-12.74	0.51	39.90	0.78
44996.30	2.55	7.31	0.05	44821.60	3.18	12.81	0.15	-19.28	0.95	37.63	0.06
45415.63	3.32	8.12	0.06	45247.57	1.05	12.52	0.03	-15.41	0.65	39.36	0.12
45813.18	1.93	7.71	0.04	45647.43	0.83	12.75	0.05	-10.86	0.29	42.58	0.08
46217.21	4.07	7.73	0.04	46061.34	0.59	12.64	0.06	-12.18	0.49	36.38	0.09
46628.59	0.82	7.40	0.03	—	—	—	—	-16.59	0.07	44.38	0.24
47034.29	1.14	7.60	0.04	46880.59	0.45	11.99	0.05	-15.62	0.09	26.74	0.90
47425.38	0.77	7.29	0.03	47258.95	0.59	12.24	0.05	-13.63	0.07	47.67	0.22
47845.76	1.52	7.33	0.07	47675.02	0.67	11.86	0.03	-16.95	0.09	37.73	0.18
48250.13	0.13	7.79	0.09	48073.22	2.86	12.45	0.09	—	—	41.93	0.30
48656.41	1.38	6.79	0.04	48477.14	1.35	12.04	0.03	—	—	37.60	0.05
49066.20	3.74	8.26	0.05	48916.13	0.65	12.84	0.04	-14.19	0.42	36.63	0.09
49465.46	1.05	7.77	0.02	49325.21	0.43	13.66	0.08	-10.40	0.08	48.06	0.08
49886.72	0.79	7.43	0.03	49729.48	0.57	12.51	0.07	-10.82	0.07	28.56	0.11
—	—	—	—	50117.34	0.61	12.69	0.06	—	—	—	—

V Cas

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23331.24	4.61	7.77	0.18	23209.70	4.79	12.07	0.23	-17.60	0.33	20.19	0.40
23558.57	0.55	7.88	0.06	23450.55	0.07	12.48	0.11	-20.79	0.38	19.64	0.20
23783.38	0.86	8.08	0.09	23679.12	2.25	12.75	0.17	-17.23	0.26	22.96	0.25
24005.55	1.70	7.64	0.09	23904.37	0.19	12.78	0.09	-15.96	0.15	17.70	0.19
24230.59	0.25	7.09	0.07	24116.79	0.62	11.41	0.03	-18.92	0.17	17.81	0.49
24452.97	0.46	7.63	0.05	24344.35	0.59	11.77	0.05	-13.59	0.23	18.22	0.17
24679.16	0.70	7.56	0.08	24573.29	0.73	12.15	0.07	-15.94	0.25	21.63	0.15
24919.83	0.24	7.55	0.05	24802.05	2.97	11.81	0.13	-18.76	0.51	16.97	0.14
25140.32	0.86	7.44	0.06	25027.59	0.43	11.91	0.05	-15.18	0.16	14.11	0.13
25376.42	0.97	8.50	0.07	—	—	—	—	-15.92	0.31	16.85	0.21
25596.53	1.07	7.77	0.08	25474.69	0.09	13.08	0.11	-21.61	0.16	13.47	0.15
25817.49	0.29	7.78	0.04	25701.55	1.86	11.91	0.07	-20.09	0.17	23.48	0.29
26034.85	1.01	8.00	0.06	25941.74	0.46	12.35	0.13	-15.31	0.31	29.73	0.21
26261.45	1.03	7.64	0.06	26157.59	1.77	11.58	0.09	-19.92	0.23	25.43	0.31
26485.21	0.68	7.62	0.03	26385.45	2.49	11.47	0.13	-15.58	0.23	20.06	0.28
26725.73	0.40	7.77	0.04	26603.35	2.45	11.54	0.07	-16.08	0.56	18.34	0.29
26952.96	0.57	8.25	0.08	26832.73	0.62	12.23	0.14	—	—	17.69	0.19
27172.81	0.77	8.00	0.08	27056.12	0.57	12.25	0.05	-18.60	0.15	19.55	0.29
27402.81	3.32	7.85	0.13	27281.65	2.01	11.93	0.11	-20.91	0.28	14.27	0.43
27619.55	1.40	8.46	0.08	27507.54	2.51	12.18	0.13	-22.07	0.21	24.10	0.52
27843.04	4.32	7.99	0.14	27737.58	1.47	11.94	0.11	-15.60	0.47	19.10	0.46
28069.69	2.39	8.58	0.07	—	—	—	—	-18.56	0.23	29.36	0.35
28295.97	1.50	8.40	0.07	28193.66	0.00	12.28	0.07	-21.31	0.41	30.80	0.26
28524.03	2.10	7.75	0.14	28415.56	1.85	11.43	0.11	-23.00	0.51	17.31	0.77
28751.63	0.75	7.86	0.08	28636.05	0.70	11.68	0.15	-24.33	0.41	15.67	0.54
28971.55	1.37	7.73	0.08	28856.80	0.56	11.37	0.04	-16.82	0.20	—	—
29201.20	0.14	7.85	0.07	29089.64	4.34	11.64	0.20	-21.44	0.64	23.21	0.30
—	—	—	—	29311.93	2.07	11.96	0.05	—	—	—	—
29654.91	0.00	7.21	0.11	29533.58	1.13	11.14	0.07	-20.94	0.76	—	—
29886.00	0.88	8.67	0.08	—	—	—	—	—	—	—	—
—	—	—	—	30006.10	1.18	11.94	0.17	—	—	—	—
30326.00	1.81	8.69	0.07	—	—	—	—	-18.33	0.36	30.43	0.47
30996.88	0.00	7.52	0.08	—	—	—	—	-21.60	0.85	—	—
33304.71	0.60	8.05	0.07	—	—	—	—	—	—	—	—
33517.98	3.59	8.20	0.13	—	—	—	—	—	—	—	—
33975.99	2.53	7.48	0.17	—	—	—	—	—	—	—	—
34688.54	0.42	8.27	0.14	—	—	—	—	—	—	—	—
36503.26	1.41	8.07	0.08	—	—	—	—	—	—	—	—
36949.62	0.83	8.11	0.08	—	—	—	—	—	—	—	—
37187.25	2.46	8.23	0.16	—	—	—	—	—	—	26.52	0.83
37407.59	2.03	8.21	0.17	37298.20	2.07	11.82	0.07	-20.23	0.43	—	—
37650.92	3.61	8.14	0.17	37533.47	1.36	11.98	0.07	-15.86	0.68	22.23	0.99
—	—	—	—	37999.20	3.40	12.16	0.16	—	—	—	—
38346.16	2.41	8.00	0.13	—	—	—	—	-20.17	0.63	17.39	0.46
39513.28	2.39	8.40	0.13	—	—	—	—	-20.16	1.18	18.13	1.85
39743.81	1.76	7.82	0.14	39628.29	1.10	11.29	0.06	-20.79	0.30	11.39	0.57
39972.34	0.50	7.60	0.16	39858.32	1.42	11.32	0.06	-20.14	0.69	17.89	0.79
40212.94	2.64	8.18	0.13	40097.12	7.49	11.72	0.20	-17.15	0.54	19.28	0.39
40449.01	0.69	7.82	0.09	40325.60	0.00	13.09	0.12	-17.23	0.35	17.60	0.18
40678.96	1.97	8.56	0.09	40565.79	1.21	13.17	0.13	-15.40	1.07	—	—
40917.93	2.53	7.75	0.12	40808.06	0.05	12.78	0.10	-16.70	0.41	19.58	0.30
41148.35	0.65	8.24	0.04	41042.76	4.00	12.59	0.34	-10.67	0.51	20.50	0.30
41364.31	1.37	8.00	0.18	41263.28	1.51	11.65	0.15	-12.94	1.03	27.14	0.57
41603.94	1.96	7.85	0.10	41508.63	0.53	12.06	0.13	-10.40	0.26	16.14	0.29
41828.10	5.72	7.88	0.23	41724.89	3.28	12.13	0.18	—	—	—	—

V Cas (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
42064.01	1.41	7.63	0.08	41962.57	0.09	12.19	0.15	-14.50	0.22	19.75	0.49
42294.08	0.49	7.99	0.08	—	—	—	—	-21.31	0.17	17.22	0.33
42526.85	0.05	6.72	0.10	42406.40	0.21	13.20	0.20	-21.09	0.64	17.05	0.20
42753.17	0.51	7.73	0.06	42641.90	0.77	12.19	0.08	-19.44	0.15	21.17	0.27
42977.88	1.83	7.35	0.17	—	—	—	—	—	—	15.59	0.37
43212.02	1.62	7.49	0.09	43103.27	0.43	11.99	0.06	-11.25	0.63	14.83	0.49
43447.59	0.57	7.79	0.06	43333.70	0.96	12.57	0.15	-20.00	0.18	12.86	0.15
43678.24	1.69	7.83	1.05	43561.03	4.44	12.50	0.18	-15.15	0.50	17.69	0.31
43909.73	1.26	8.13	0.08	43804.98	0.96	13.21	0.11	-13.38	0.09	21.01	0.50
44144.48	0.82	7.62	0.08	44026.91	0.00	12.40	0.15	-18.35	0.42	13.59	0.40
44369.56	0.22	7.42	0.23	44267.72	0.08	12.29	0.08	-22.16	0.73	19.81	1.03
44604.84	0.64	7.58	0.06	44492.58	4.03	12.55	0.19	-11.09	0.19	10.21	0.40
44824.42	0.62	7.55	0.11	44721.07	1.36	12.56	0.21	—	—	19.04	0.25
45064.15	0.00	7.44	0.06	44953.45	2.01	12.81	0.11	-16.44	0.18	19.35	0.26
45301.36	0.60	7.92	0.06	45186.50	0.32	13.10	0.09	-20.49	0.15	15.53	0.10
45529.44	0.50	7.79	0.05	45411.80	1.61	12.97	0.20	-15.29	0.39	14.20	0.18
45757.24	2.98	7.79	0.12	45645.50	0.33	12.55	0.04	-12.85	0.14	15.05	1.29
45976.84	0.69	7.83	0.05	45885.47	0.59	12.73	0.10	-11.23	0.27	24.27	0.08
46204.90	2.18	7.40	0.13	46104.33	0.06	12.26	0.07	-16.22	1.40	15.90	0.16
46442.92	0.87	8.08	0.06	46327.37	0.45	12.10	0.04	-21.60	0.12	17.66	0.17
46671.89	0.27	7.73	0.05	46549.10	0.06	12.98	0.08	-21.34	0.10	16.32	0.06
46894.13	0.75	7.27	0.11	46774.06	1.61	12.14	0.07	-14.76	0.22	17.79	0.13
47126.68	0.83	7.84	0.07	47008.43	1.28	12.68	0.09	-19.95	0.09	17.33	0.05
47352.24	0.63	7.97	0.07	47238.01	1.88	12.51	0.11	-21.50	0.15	16.15	0.08
47572.25	2.01	7.70	0.10	47452.39	1.78	11.73	0.05	-18.90	0.15	14.12	0.16
47797.53	0.47	7.98	0.04	47673.06	0.21	12.60	0.08	-22.07	0.12	15.52	0.06
48016.27	3.46	8.20	0.13	47901.72	0.54	12.26	0.06	-24.38	0.22	21.43	0.29
48233.95	1.13	7.74	0.24	48137.74	1.16	12.43	0.08	-12.73	0.06	19.94	0.17
48462.50	0.87	7.85	0.04	48357.90	0.49	12.05	0.10	—	—	14.27	0.12
48689.15	2.52	7.74	0.13	48581.55	1.29	12.38	0.10	-14.67	0.10	18.33	0.41
48922.61	1.15	7.67	0.07	48806.77	2.18	12.10	0.10	-19.67	0.05	16.91	0.09
49151.40	3.58	8.15	0.11	49044.09	0.67	12.49	0.15	—	—	17.13	0.12
49371.06	0.36	7.60	0.02	49262.58	1.38	11.98	0.06	-12.45	0.12	14.32	0.19
49600.36	0.53	7.62	0.04	—	—	—	—	-13.76	0.09	17.08	0.04
49835.92	0.46	8.01	0.05	49713.44	0.40	12.75	0.06	-22.80	0.11	17.96	0.05
50064.92	0.41	7.86	0.05	49945.83	0.17	13.21	0.05	-22.23	0.08	19.99	0.08
50284.48	0.47	6.91	0.06	50175.63	1.24	12.37	0.11	-14.54	0.08	15.77	0.06
50514.51	0.23	7.82	0.04	50409.77	1.67	12.23	0.07	-15.32	0.09	20.98	0.12
50754.80	0.65	7.49	0.05	50645.09	0.74	13.39	0.11	-14.41	0.02	12.63	0.23

V Cnc

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24161.38	5.33	8.18	0.23	—	—	—	—	—	—	—	—
24453.48	0.74	7.73	0.17	—	—	—	—	—	—	17.32	0.94
—	—	—	—	24577.61	8.09	12.83	0.29	—	—	—	—
24983.72	2.07	7.75	0.06	24863.31	0.36	13.55	0.24	-16.09	0.19	—	—
25247.34	6.45	7.67	0.30	—	—	—	—	—	—	19.84	0.14
25529.08	3.19	7.88	0.05	—	—	—	—	—	—	18.49	0.38
—	—	—	—	25666.77	0.96	12.77	0.06	—	—	—	—
26074.43	0.74	7.72	0.09	25944.78	1.43	12.94	0.10	-19.41	0.37	—	—

V Cnc (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
26306.90	0.00	8.17	0.28	—	—	—	—	—	—	—	—
27154.70	0.25	8.03	0.06	27071.89	0.00	12.24	0.32	—	—	—	—
27430.95	1.63	8.19	0.07	—	—	—	—	—	—	—	—
27723.19	5.97	8.38	0.09	—	—	—	—	—	—	18.10	0.37
—	—	—	—	27858.57	0.71	12.68	0.06	—	—	—	—
28259.97	2.98	8.18	0.08	—	—	—	—	-20.48	0.27	—	—
28530.73	0.67	7.69	0.08	—	—	—	—	—	—	23.42	0.45
29032.35	1.27	8.52	0.18	28956.29	1.92	13.36	0.20	-8.13	0.20	—	—
29345.60	1.89	8.32	0.07	29228.74	0.95	13.04	0.14	-11.78	1.39	—	—
29602.42	4.98	7.76	0.32	—	—	—	—	—	—	22.53	0.36
34775.22	1.79	8.53	0.07	—	—	—	—	—	—	—	—
35591.29	11.41	8.31	0.24	—	—	—	—	—	—	—	—
35860.41	1.90	8.75	0.03	—	—	—	—	—	—	—	—
36679.57	2.63	8.26	0.09	—	—	—	—	—	—	—	—
36947.91	3.46	7.88	0.10	—	—	—	—	—	—	—	—
37762.64	2.49	8.39	0.10	—	—	—	—	—	—	—	—
38050.07	1.33	7.73	0.07	—	—	—	—	—	—	—	—
39140.76	1.28	8.19	0.06	—	—	—	—	—	—	—	—
—	—	—	—	39561.15	1.16	13.11	0.12	—	—	—	—
39945.63	9.59	7.86	0.25	39825.23	0.81	13.04	0.13	-10.25	0.42	—	—
40229.37	2.20	8.40	0.07	—	—	—	—	—	—	20.55	0.35
40492.56	5.19	8.15	0.09	—	—	—	—	—	—	22.27	0.54
—	—	—	—	40641.43	2.08	12.88	0.18	—	—	—	—
41028.81	0.99	7.93	0.05	40911.67	2.45	12.85	0.15	-14.47	0.22	—	—
41317.26	0.78	8.65	0.05	—	—	—	—	-18.43	0.36	13.19	0.38
41858.21	0.97	7.91	0.12	—	—	—	—	-11.72	0.30	—	—
42124.23	0.87	7.91	0.04	42001.02	3.22	13.16	0.20	-11.32	0.14	—	—
42404.99	3.90	8.33	0.12	—	—	—	—	-13.64	0.56	19.18	0.13
—	—	—	—	42821.34	1.84	13.03	0.15	—	—	—	—
43204.98	2.00	7.71	0.08	43098.60	0.65	13.24	0.12	—	—	—	—
43488.42	3.80	8.09	0.16	—	—	—	—	-18.97	0.48	14.36	0.18
—	—	—	—	43899.56	1.21	12.96	0.12	—	—	—	—
44301.33	2.18	7.97	0.09	—	—	—	—	-17.59	0.46	—	—
44568.05	5.91	7.81	0.25	—	—	—	—	—	—	19.11	0.19
—	—	—	—	44984.01	0.90	13.45	0.09	—	—	—	—
45391.30	3.14	8.10	0.08	45264.40	0.70	13.02	0.12	—	—	—	—
45657.95	1.29	7.70	0.05	—	—	—	—	—	—	20.03	0.10
46199.40	4.19	8.47	0.08	46068.97	2.03	13.77	0.18	-13.36	0.20	—	—
46478.70	3.60	8.52	0.12	—	—	—	—	-19.59	0.17	16.25	0.20
46745.78	1.73	8.22	0.04	—	—	—	—	—	—	15.22	0.25
—	—	—	—	46890.98	15.95	13.60	0.23	—	—	—	—
47272.97	0.04	7.68	0.04	47168.44	0.85	13.28	0.23	-10.39	0.19	—	—
47567.25	1.75	8.21	0.08	—	—	—	—	-16.47	0.33	17.05	0.09
47829.68	6.30	7.98	0.22	—	—	—	—	—	—	20.65	0.19
—	—	—	—	47977.33	0.43	12.99	0.06	—	—	—	—
48380.31	1.86	8.31	0.04	48241.68	1.43	13.48	0.12	-16.23	0.10	—	—
48642.69	1.36	7.84	0.07	—	—	—	—	-12.09	0.21	22.93	0.12
48936.63	2.66	8.35	0.06	—	—	—	—	—	—	20.05	0.27
—	—	—	—	49087.07	0.77	13.46	0.08	—	—	—	—
49489.67	1.18	7.89	0.04	49357.67	0.57	13.18	0.13	-15.02	0.13	—	—
49753.82	1.11	7.72	0.07	49633.70	0.17	13.34	0.23	-20.36	0.49	17.63	0.17
50031.76	1.79	7.96	0.05	—	—	—	—	—	—	20.31	0.11
—	—	—	—	50183.91	0.62	13.08	0.05	—	—	—	—
50583.04	0.80	7.71	0.04	50451.79	0.58	12.68	0.08	-10.75	0.10	—	—
50869.75	0.65	8.13	0.03	50747.06	2.07	13.62	0.32	-11.27	0.52	14.13	0.27

χ Cyg

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
17578.92	0.00	4.01	0.07	—	—	—	—	-30.45	10.77	43.87	10.07
18039.89	3.71	5.24	0.33	—	—	—	—	—	—	—	—
18450.20	3.07	4.37	0.11	—	—	—	—	—	—	21.87	0.82
18861.56	0.00	5.33	0.08	—	—	—	—	—	—	27.43	0.82
22918.79	0.28	4.89	0.04	—	—	—	—	-5.54	0.14	20.03	0.09
23329.30	0.61	4.69	0.05	—	—	—	—	-16.82	0.09	20.47	0.29
23736.69	1.33	4.87	0.08	—	—	—	—	-15.81	0.72	21.28	0.13
24139.30	0.83	5.99	0.05	23968.74	1.10	13.74	0.10	-2.50	4.96	—	—
24557.24	0.69	4.61	0.03	24366.47	2.44	12.86	0.15	-13.44	0.17	18.67	0.08
24953.59	1.07	5.65	0.36	24768.35	0.79	13.45	0.13	-11.91	1.79	25.79	0.13
25377.82	0.70	4.95	0.07	—	—	—	—	-9.34	0.34	19.73	0.04
25790.00	0.75	4.90	0.07	25606.07	0.62	13.66	0.08	-7.75	0.35	19.55	0.09
26207.95	0.56	6.45	0.04	26031.34	1.95	13.20	0.09	-10.77	0.09	21.25	0.11
26600.83	0.30	4.78	0.04	—	—	—	—	-7.39	0.15	21.06	0.10
27031.17	0.72	5.01	0.06	—	—	—	—	-9.16	0.14	20.40	0.25
27423.96	0.35	5.19	0.06	—	—	—	—	-8.59	0.66	25.80	0.83
27843.11	1.40	4.93	0.08	—	—	—	—	-9.03	0.34	19.97	0.36
28271.01	0.72	5.06	0.04	—	—	—	—	-14.33	1.06	22.20	0.06
28669.72	1.18	6.67	0.11	28499.77	1.15	12.90	0.08	-14.40	0.24	26.05	0.10
29084.20	1.53	5.32	0.08	28891.34	1.63	13.31	0.10	-19.75	0.16	22.19	0.10
29501.10	1.74	5.96	0.10	—	—	—	—	-15.28	0.33	17.23	0.34
29913.67	1.76	5.26	0.09	—	—	—	—	-10.25	0.34	18.40	0.22
30306.98	1.19	5.31	0.06	—	—	—	—	-8.73	0.22	18.43	1.95
30714.01	1.41	5.21	0.08	—	—	—	—	-9.54	0.41	19.59	0.49
31530.46	1.32	5.62	0.13	—	—	—	—	—	—	23.50	72.02
32345.27	2.26	5.87	0.16	—	—	—	—	-11.06	0.81	17.27	0.15
32754.85	0.98	4.70	0.08	—	—	—	—	-10.25	0.48	18.83	0.18
33167.98	0.67	5.57	0.07	—	—	—	—	-8.66	0.19	19.69	0.16
33577.97	1.44	4.74	0.07	—	—	—	—	-14.08	0.14	22.52	0.54
33970.43	0.50	5.04	0.05	—	—	—	—	-8.27	1.40	21.65	0.79
35619.59	2.95	4.90	0.15	—	—	—	—	—	—	20.61	0.42
36025.56	1.28	5.50	0.46	—	—	—	—	—	—	18.53	0.38
36417.26	1.15	5.36	0.08	—	—	—	—	-10.37	0.89	25.24	0.23
36830.84	1.99	5.20	0.09	—	—	—	—	-11.99	0.95	18.62	0.57
37237.12	2.29	5.02	0.11	—	—	—	—	-13.62	0.98	—	—
37637.31	0.81	4.75	0.47	—	—	—	—	—	—	—	—
38046.22	0.68	5.12	0.05	—	—	—	—	-11.74	1.04	17.35	0.27
38450.90	1.91	5.20	0.95	—	—	—	—	-11.54	2.26	18.48	0.78
38841.40	0.87	4.34	0.14	—	—	—	—	-12.23	0.46	20.45	0.32
39249.26	3.79	5.84	0.33	—	—	—	—	—	—	21.64	0.13
39660.01	0.56	5.01	0.17	—	—	—	—	-8.24	0.35	22.31	0.04
40067.06	0.30	4.91	0.04	—	—	—	—	-19.46	0.08	20.89	0.03
40477.27	0.30	4.40	0.03	40292.78	1.90	13.68	0.13	-9.55	0.05	19.89	0.04
40897.13	0.58	5.27	0.03	40703.22	1.91	13.46	0.16	-13.94	0.13	24.40	0.04
41307.29	0.21	4.77	0.04	41128.23	15.58	13.28	0.48	-8.49	0.05	22.31	0.11
41719.93	0.64	4.47	0.18	41540.41	0.53	12.96	0.07	-8.89	0.21	22.54	0.05
42146.24	1.35	5.30	0.12	41957.04	1.88	13.59	0.15	-17.81	0.10	21.46	0.04
42554.93	0.49	4.40	0.03	—	—	—	—	-13.32	0.15	20.33	0.01
42966.43	0.58	5.29	0.07	42789.29	1.14	13.30	0.09	-8.76	0.13	21.30	0.02
43369.89	0.17	4.71	0.03	—	—	—	—	-6.99	0.07	25.25	0.04
43781.06	0.60	4.57	0.03	43619.14	0.73	13.50	0.14	-12.30	0.44	24.84	0.06
44198.82	0.35	5.00	0.03	44016.13	4.35	12.70	0.18	-8.77	0.09	22.67	0.04
44603.37	0.67	4.36	0.04	44434.49	0.59	13.94	0.11	-10.94	0.23	22.80	0.08
45019.43	0.54	5.85	0.07	44857.12	1.00	13.74	0.06	-11.29	0.22	24.91	0.04
45423.87	1.92	5.19	0.14	45253.36	1.05	14.22	0.09	-15.00	0.07	22.59	0.02

χ Cyg (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
45849.20	1.02	4.90	0.26	45664.98	1.68	14.07	0.10	-8.16	0.12	19.95	0.01
46256.60	0.86	5.97	0.08	46063.54	0.00	13.82	0.17	-8.82	0.07	20.16	0.02
46654.41	0.24	4.29	0.03	46465.39	0.47	13.79	0.11	-12.24	0.04	17.53	0.01
47068.00	0.18	5.73	0.02	—	—	—	—	-8.40	0.02	19.40	0.02
47483.55	0.09	4.52	0.02	47286.43	0.35	14.16	0.06	-13.89	0.04	20.49	0.02
47877.60	0.14	5.97	0.02	47705.31	2.71	13.54	0.09	-11.21	0.01	22.30	0.02
48282.67	1.19	5.68	0.05	48097.07	0.30	14.18	0.05	-15.70	0.03	23.71	0.04
48688.40	0.80	5.68	0.05	48516.42	0.56	13.82	0.06	-18.63	0.08	23.38	0.03
49092.58	0.71	4.72	0.05	48909.01	1.57	13.51	0.12	-12.34	0.30	20.44	0.02
49494.41	0.58	5.76	0.04	49317.10	2.88	12.97	0.13	-8.18	0.13	29.71	0.07
49901.98	0.37	5.39	0.03	49710.15	2.46	13.99	0.11	-10.22	0.05	21.95	0.01
50309.57	0.14	5.70	0.01	50127.66	3.61	13.78	0.16	-12.97	0.05	20.66	0.02
50723.22	0.44	5.28	0.02	50518.09	0.40	13.64	0.05	-18.98	0.04	21.36	0.01
51118.05	0.38	5.52	0.03	50934.65	0.70	13.59	0.06	-9.09	0.04	—	—

RT Cyg

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
22907.10	1.50	7.06	0.07	—	—	—	—	—	—	12.39	0.11
23095.30	2.20	7.06	0.08	23003.40	0.70	12.02	0.05	-11.48	0.17	12.33	0.22
23270.70	1.30	6.86	0.05	23179.50	0.90	11.45	0.06	-10.05	0.52	15.62	0.22
23472.70	1.30	7.81	0.05	23387.50	0.80	12.02	0.04	-12.34	0.14	12.28	0.24
23669.70	1.00	7.68	0.05	23571.60	1.10	11.59	0.07	-18.31	0.38	18.04	0.23
23864.90	0.60	7.22	0.06	23766.80	0.90	11.64	0.06	-11.71	0.16	13.51	0.19
24047.00	0.60	7.32	0.03	23953.10	1.00	11.90	0.06	-14.09	0.17	15.75	0.16
—	—	—	—	24146.40	1.60	11.56	0.05	—	—	—	—
—	—	—	—	24341.40	1.20	12.07	0.08	—	—	—	—
26152.70	2.50	7.21	0.04	26059.60	1.50	11.75	0.08	—	—	—	—
26335.60	1.20	6.89	0.04	26241.00	1.20	11.81	0.06	-12.81	0.07	11.48	0.32
26514.00	2.10	7.31	0.05	26438.50	0.90	11.97	0.07	-10.25	0.14	18.74	0.43
26712.30	1.50	6.86	0.07	26624.50	0.90	11.52	0.07	-12.51	0.59	14.86	0.25
26901.10	0.90	6.88	0.04	26810.60	1.00	11.72	0.10	-15.13	0.86	10.28	0.20
27103.30	0.80	7.26	0.04	27014.00	1.20	12.27	0.07	-11.46	0.14	16.03	0.11
27289.00	1.50	7.36	0.06	27202.40	0.90	12.16	0.06	-12.17	0.16	11.49	0.18
27477.60	1.70	7.33	0.08	27390.10	0.90	12.26	0.05	-12.13	0.08	15.78	0.16
27662.20	1.00	6.71	0.05	27575.60	1.20	11.50	0.09	-11.50	0.17	13.72	0.12
27861.00	3.80	8.15	0.04	27771.50	0.70	12.01	0.05	-12.54	0.16	15.84	0.10
28057.20	1.10	7.79	0.04	27962.90	1.00	12.38	0.05	-12.85	0.12	12.46	0.18
28241.40	2.60	6.71	0.11	28145.20	0.70	11.88	0.07	-12.80	0.12	10.51	0.15
28435.20	1.20	8.08	0.04	28350.10	5.00	12.25	0.09	—	—	12.27	0.16
28617.90	1.90	7.95	0.07	28534.00	1.10	12.60	0.03	-8.24	0.11	15.15	0.32
28808.50	2.00	7.36	0.06	28724.30	1.30	12.02	0.09	-7.67	0.27	15.34	0.11
28997.70	2.00	7.42	0.06	28919.30	2.00	11.94	0.07	-12.19	0.26	18.36	0.15
29191.40	1.20	7.02	0.04	29097.30	1.20	11.32	0.09	-16.04	0.38	15.08	0.08
29382.50	2.20	7.70	0.05	29293.20	1.00	11.92	0.06	-13.47	0.21	13.35	0.15
29566.50	1.40	7.81	0.05	29490.70	1.70	12.02	0.08	-9.79	0.16	—	—
29951.10	2.70	8.13	0.06	29859.40	1.10	11.93	0.11	—	—	—	—
30329.80	9.20	8.37	0.08	30245.70	5.00	11.88	0.17	—	—	—	—
30702.70	2.50	7.12	0.08	—	—	—	—	—	—	—	—
30919.90	1.30	8.08	0.03	—	—	—	—	—	—	—	—
31093.10	1.50	6.37	0.12	31003.50	2.00	11.18	0.11	—	—	—	—
34714.30	2.50	7.12	0.09	—	—	—	—	—	—	—	—
36406.10	0.70	7.40	0.04	—	—	—	—	—	—	—	—

RT Cyg (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
39644.30	2.60	8.07	0.06	—	—	—	—	—	—	16.58	0.30
—	—	—	—	39733.80	2.30	11.81	0.13	—	—	—	—
40003.10	2.60	7.66	0.12	39937.60	1.20	11.78	0.17	—	—	17.48	0.31
—	—	—	—	40117.80	0.90	11.69	0.11	—	—	—	—
40403.30	2.50	8.56	0.06	40320.40	3.50	12.28	0.11	—	—	12.17	0.17
—	—	—	—	40489.50	2.40	12.31	0.08	—	—	—	—
40775.90	3.00	8.21	0.06	—	—	—	—	—	—	—	—
41166.70	2.30	8.15	0.04	41078.70	3.70	12.06	0.13	-13.94	0.57	—	—
—	—	—	—	41263.00	3.40	11.67	0.11	—	—	—	—
41541.10	1.50	6.93	0.10	—	—	—	—	—	—	—	—
41912.10	5.70	7.72	0.18	—	—	—	—	—	—	—	—
42304.10	2.60	7.22	0.11	42219.00	1.10	11.28	0.10	—	—	—	—
42684.90	0.80	6.67	0.05	42602.00	2.70	11.68	0.17	-11.84	0.11	15.88	0.15
42870.80	11.30	7.89	0.10	—	—	—	—	—	—	14.17	0.81
43080.90	2.70	7.32	0.09	42978.10	1.80	12.25	0.11	-9.25	0.24	—	—
43261.50	3.20	7.63	0.08	—	—	—	—	—	—	20.54	0.23
43444.00	1.60	7.04	0.05	43367.00	1.50	11.47	0.12	-11.21	0.28	14.53	0.35
43628.70	1.60	6.92	0.17	—	—	—	—	—	—	17.80	0.25
43830.30	1.60	7.09	0.06	43741.00	0.80	11.80	0.14	-15.98	0.33	—	—
44029.00	2.10	7.91	0.04	—	—	—	—	—	—	13.00	0.14
44206.40	0.80	6.93	0.04	44120.00	0.80	11.99	0.07	-12.62	0.11	—	—
44400.50	2.00	7.41	0.08	—	—	—	—	—	—	15.05	0.14
44589.70	2.10	7.44	0.03	44508.90	1.20	11.80	0.08	-9.85	0.35	—	—
44774.20	3.30	6.97	0.07	—	—	—	—	-17.21	1.91	13.06	0.06
44970.50	1.40	8.12	0.06	44883.00	1.20	12.53	0.08	-12.04	0.16	—	—
45147.20	0.90	7.31	0.06	45065.90	1.80	11.70	0.10	-14.50	0.14	9.82	0.24
45347.30	1.30	7.48	0.08	45263.80	1.70	12.18	0.08	-7.97	0.17	—	—
45543.70	0.90	7.08	0.03	45453.50	0.90	12.30	0.09	-10.06	0.14	9.77	0.12
45732.00	1.60	7.18	0.12	45645.30	0.70	12.27	0.07	-8.67	0.25	—	—
45917.80	0.50	6.99	0.04	45829.30	1.30	11.83	0.13	-13.07	0.18	15.26	0.10
46109.90	3.00	7.50	0.10	46019.90	1.60	12.08	0.08	-12.58	0.22	—	—
46309.40	2.00	7.59	0.04	—	—	—	—	—	—	—	—
46498.10	1.50	7.35	0.05	46407.80	1.10	11.82	0.12	—	—	15.20	0.40
46681.40	0.60	6.77	0.03	46591.30	0.60	11.07	0.05	-15.22	0.08	15.16	0.09
46889.80	3.40	8.51	0.06	46788.80	2.40	12.61	0.10	—	—	—	—
47060.70	1.20	7.60	0.04	46972.60	0.70	12.51	0.09	-11.49	0.23	13.83	0.09
47268.30	1.00	7.72	0.05	47168.40	1.80	12.22	0.10	—	—	15.15	0.12
47440.50	0.80	7.29	0.03	47358.90	0.70	11.89	0.04	-11.39	0.08	11.45	0.38
47626.40	2.00	6.83	0.05	47545.50	1.30	11.34	0.08	-12.46	0.35	13.33	0.05
47828.60	0.40	7.91	0.02	47734.30	0.90	12.46	0.05	-14.57	0.03	11.35	0.12
48013.00	0.80	7.20	0.04	—	—	—	—	-9.41	0.13	15.19	0.06
48204.10	0.90	8.02	0.02	48113.40	0.50	12.27	0.05	-9.64	0.13	14.44	0.14
48387.60	1.70	7.16	0.04	48299.00	1.10	11.87	0.15	-12.97	0.26	11.96	0.06
48575.10	0.80	7.80	0.03	48493.50	0.60	12.30	0.04	-12.24	0.05	15.60	0.46
48770.70	0.80	6.97	0.03	—	—	—	—	—	—	15.75	0.04
48954.30	1.80	7.77	0.03	48872.80	0.70	11.49	0.04	-11.86	0.08	17.87	0.14
49145.40	0.60	6.70	0.03	49058.70	1.90	11.52	0.17	-12.60	0.26	16.54	0.05
49336.50	1.20	7.20	0.04	49249.10	0.60	11.44	0.06	-11.56	0.19	—	—
49526.30	0.80	7.48	0.03	49439.60	1.10	12.00	0.13	-13.51	0.18	14.74	0.10
49723.20	1.70	6.96	0.03	49629.00	0.60	11.89	0.06	-10.23	0.08	10.10	0.06
49912.20	0.80	8.15	0.02	49816.00	1.50	12.96	0.12	-13.34	0.06	15.03	0.07
50090.30	0.50	7.33	0.03	50010.30	0.90	12.19	0.06	-10.96	0.08	—	—

W Dra

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24249.43	0.46	9.25	0.22	—	—	—	—	—	—	—	—
24805.75	1.77	10.20	0.11	—	—	—	—	—	—	—	—
25061.62	6.13	9.58	0.24	—	—	—	—	—	—	—	—
25322.79	1.39	10.01	0.09	—	—	—	—	—	—	—	—
25578.91	4.89	9.89	0.38	—	—	—	—	—	—	21.53	0.82
25844.12	1.12	9.04	0.10	25716.38	1.85	14.45	0.21	-8.25	0.83	16.61	0.32
26122.13	1.86	9.84	0.08	26003.45	1.51	14.93	0.32	—	—	26.19	0.58
26372.72	1.58	9.26	0.08	—	—	—	—	-7.85	0.62	23.13	0.60
26637.67	3.04	9.62	0.11	—	—	—	—	-11.65	0.46	18.15	0.44
26891.86	1.17	9.05	0.09	—	—	—	—	-11.46	0.10	17.17	0.33
27142.06	9.81	9.70	0.38	—	—	—	—	-8.97	0.65	21.84	0.29
27425.38	0.77	9.64	0.06	—	—	—	—	-14.66	0.38	25.85	0.36
27679.59	2.14	9.27	0.12	—	—	—	—	-14.42	0.62	27.54	0.48
27936.63	1.19	8.95	0.07	27829.92	0.44	13.59	0.07	-12.55	0.30	24.00	0.34
28219.06	0.67	9.33	0.07	28103.05	0.40	14.65	0.11	-9.44	0.27	10.60	0.75
28470.33	1.46	9.65	0.05	—	—	—	—	—	—	18.95	0.73
28736.23	0.62	9.05	0.05	28615.06	0.62	14.37	0.12	-9.88	0.13	15.47	0.21
28994.73	2.57	8.92	0.12	—	—	—	—	-11.19	0.17	11.70	0.13
29254.74	1.61	10.07	0.51	29134.17	1.21	15.52	0.20	-10.18	0.32	24.35	0.63
29518.58	5.64	9.47	0.21	29407.34	0.35	15.11	0.20	-12.86	0.67	16.67	0.34
30307.29	4.97	10.52	0.26	—	—	—	—	—	—	—	—
30569.67	7.70	9.63	0.43	—	—	—	—	—	—	—	—
31376.51	0.55	9.36	0.32	—	—	—	—	—	—	—	—
32701.65	1.53	9.39	0.04	—	—	—	—	—	—	—	—
36710.48	7.06	8.94	0.16	—	—	—	—	—	—	—	—
37258.60	0.91	10.15	0.27	—	—	—	—	-4.87	0.84	—	—
37522.20	0.09	9.23	0.17	—	—	—	—	—	—	19.84	1.64
37807.26	2.44	8.82	0.17	37698.73	2.49	14.66	0.20	-10.19	0.65	18.23	0.94
38359.02	1.84	9.94	0.16	—	—	—	—	—	—	—	—
38614.26	0.12	9.75	0.26	—	—	—	—	—	—	—	—
38910.97	0.05	9.94	0.13	—	—	—	—	—	—	—	—
39711.44	5.75	9.77	0.20	39585.64	0.97	14.81	0.11	-16.11	1.19	—	—
39967.49	2.66	8.97	0.14	—	—	—	—	-10.25	0.63	17.46	0.53
40257.89	0.99	10.01	0.07	40133.77	2.40	14.47	0.17	-13.23	1.45	21.78	0.48
40489.73	1.17	9.46	0.13	40388.65	0.90	14.50	0.10	-9.67	0.77	27.85	2.23
40803.10	1.88	10.16	0.15	40679.55	0.70	15.36	0.07	-18.26	1.55	21.20	3.80
41078.71	1.06	10.51	0.08	40979.48	0.56	15.39	0.22	-10.62	0.79	—	—
41344.06	1.33	9.62	0.10	41220.52	4.11	14.46	0.17	-13.77	1.31	25.30	0.57
41609.88	0.12	9.18	0.11	41499.10	3.36	14.50	0.18	-13.75	0.61	20.74	0.94
41892.82	8.77	9.68	0.20	41767.74	1.03	14.63	0.06	-16.79	0.68	—	—
42193.47	2.44	10.10	0.15	—	—	—	—	-27.35	1.00	22.33	0.69
42451.36	7.68	9.22	0.17	—	—	—	—	—	—	21.24	0.58
43022.03	13.85	10.58	0.51	—	—	—	—	—	—	23.49	2.44
43292.21	3.98	9.73	0.17	—	—	—	—	-11.82	1.01	19.01	0.77
43579.80	0.00	10.40	0.15	43404.28	0.00	14.04	0.27	—	—	—	—
43847.67	2.59	10.32	0.09	43736.16	3.61	14.46	0.23	-17.93	0.78	30.11	1.51
44135.87	1.08	10.29	0.05	44041.31	0.00	14.14	0.22	-16.63	0.97	20.47	0.76
44410.65	1.02	9.34	0.08	44274.97	1.90	14.44	0.31	—	—	17.70	0.67
44700.88	1.30	10.09	0.65	—	—	—	—	-20.58	2.52	23.81	1.02
44981.99	1.29	9.81	0.08	44864.10	0.53	14.79	0.18	-15.74	0.89	18.58	1.00
45261.84	0.94	9.74	0.07	45142.49	1.87	14.97	0.15	-12.21	0.33	19.32	1.16
45539.46	1.23	9.69	0.06	45422.39	0.73	14.90	0.17	-9.59	0.45	18.71	0.53
45800.08	0.99	9.44	0.40	—	—	—	—	—	—	26.54	0.40
46085.39	2.27	9.81	0.12	45970.30	0.74	14.60	0.09	-15.18	1.24	29.42	0.93
46371.02	2.23	9.73	0.10	46245.95	0.65	14.12	0.05	-16.04	0.21	29.21	1.59

W Dra (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
46650.00	1.29	9.85	0.08	46549.85	1.35	14.94	0.15	-11.73	0.36	27.20	0.54
46935.92	1.07	9.46	0.07	46810.04	0.81	14.51	0.08	-12.14	0.40	18.09	0.69
47214.41	1.74	9.35	0.09	47075.06	1.65	13.94	0.07	—	—	20.26	0.42
47498.65	1.45	9.56	0.39	47387.71	0.30	15.12	0.08	-9.81	0.36	17.72	0.34
47780.32	0.49	10.08	0.04	47673.75	0.77	14.92	0.08	-12.21	0.43	25.93	0.58
48058.06	1.73	9.22	0.10	47951.67	0.28	14.24	0.09	-9.71	0.28	20.01	0.51
48368.31	1.08	9.69	0.12	—	—	—	—	—	—	11.82	0.59
48634.00	3.94	11.08	0.14	48494.43	1.22	14.89	0.15	—	—	23.50	2.63
48903.31	0.53	9.84	0.05	48776.87	0.96	14.67	0.10	-12.36	0.33	22.40	0.44
49177.61	1.52	8.97	0.09	49053.50	0.45	14.81	0.11	-11.25	0.41	19.87	0.17
49467.49	1.58	9.78	0.11	49331.50	6.39	14.33	0.26	-18.52	0.88	19.00	0.55
49729.46	0.74	10.24	0.20	49609.57	0.99	14.73	0.09	-8.40	0.59	23.41	0.92
50000.90	1.01	9.44	0.25	49908.88	0.25	15.50	0.09	-5.82	0.14	20.83	0.30
50294.74	0.69	9.78	0.04	50162.60	0.67	14.93	0.11	-8.56	0.89	19.61	0.22
50578.35	1.70	10.24	0.08	50449.58	2.98	15.02	0.16	-14.77	1.13	23.12	0.37
50849.70	1.13	9.35	0.07	50723.59	2.57	14.63	0.13	-14.34	0.14	24.20	0.19

W Cas

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24289.80	7.80	8.66	0.06	—	—	—	—	-23.04	0.36	—	—
28797.60	16.40	8.60	0.06	28593.80	3.70	11.64	0.06	-27.94	0.64	—	—
—	—	—	—	28998.30	12.00	11.55	0.22	—	—	—	—
—	—	—	—	38722.90	21.70	12.42	0.25	—	—	—	—
39293.90	18.70	9.18	0.19	39087.20	4.90	12.34	0.12	—	—	—	—
40518.70	18.50	9.55	0.09	—	—	—	—	—	—	—	—
40977.40	5.10	8.81	0.09	—	—	—	—	—	—	—	—
41372.70	9.30	9.10	0.09	41261.40	17.10	9.93	0.11	—	—	—	—
—	—	—	—	41503.40	6.60	11.00	0.43	—	—	—	—
42547.90	12.50	8.94	0.09	42353.30	11.90	11.39	0.13	-32.22	0.74	37.01	0.86
42985.30	22.50	9.13	0.07	—	—	—	—	—	—	41.06	0.70
43416.10	5.90	9.49	0.04	43199.70	5.70	12.59	0.14	-40.71	1.19	35.60	0.72
43817.90	6.60	9.28	0.05	43598.00	4.80	12.35	0.09	-46.61	1.58	42.10	1.22
44209.20	6.40	9.07	0.05	44001.00	5.80	11.59	0.12	-58.47	1.72	46.86	0.78
44604.70	7.40	9.18	0.04	44401.50	4.10	11.64	0.10	-25.54	0.71	55.52	1.21
45027.60	6.80	9.36	0.05	44793.90	7.60	11.53	0.07	-47.53	0.85	55.45	0.61
45441.30	10.30	9.35	0.06	45233.30	5.90	11.89	0.05	-37.04	0.49	50.75	1.05
45813.60	8.70	9.29	0.06	45630.30	2.50	11.83	0.03	-30.23	0.50	51.87	0.46
46246.20	5.50	9.08	0.04	46032.30	5.30	11.66	0.05	-32.10	0.85	38.85	0.20
46662.10	4.30	9.25	0.04	46448.90	3.70	11.84	0.05	-40.46	1.37	36.78	0.25
47049.80	5.60	9.21	0.03	46847.50	5.90	11.63	0.06	—	—	44.75	0.22
47449.80	3.90	9.24	0.02	47248.20	4.10	11.53	0.05	-34.05	0.72	45.51	0.12
47851.90	3.70	9.42	0.02	47643.00	2.80	11.65	0.04	-42.98	0.50	50.26	0.29
48266.00	5.10	9.16	0.03	48045.90	4.00	11.72	0.06	-35.76	0.27	45.01	0.45
48656.00	7.40	9.11	0.04	48442.10	3.70	11.55	0.06	-31.68	0.51	47.25	0.97
49076.20	6.50	9.42	0.04	48850.90	4.80	11.70	0.04	-37.38	0.89	54.05	0.99
49442.30	7.60	9.30	0.04	49254.60	3.30	11.71	0.04	-24.46	0.66	44.57	1.68
49842.30	5.00	9.12	0.03	49661.30	3.30	11.66	0.05	-22.81	0.33	58.30	0.16
50273.90	3.70	9.11	0.02	50091.70	2.70	11.67	0.04	-31.89	0.58	56.73	0.15
50675.30	3.40	9.14	0.02	50488.40	2.80	11.65	0.04	-32.26	0.39	51.11	0.16
—	—	—	—	50895.00	3.90	11.52	0.04	—	—	—	—

T Gem

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23372.90	5.70	8.23	0.09	—	—	—	—	—	—	18.67	0.45
23969.20	5.40	8.67	0.15	—	—	—	—	—	—	—	—
24261.40	4.10	8.95	0.02	24114.20	6.20	13.58	0.22	-15.14	0.14	—	—
24555.60	3.50	8.75	0.04	24400.50	6.70	14.18	0.17	-17.09	0.52	14.43	0.41
24844.10	3.70	8.81	0.04	—	—	—	—	—	—	20.83	0.25
25124.00	60.60	8.64	0.14	—	—	—	—	—	—	—	—
25137.60	39.20	8.64	0.09	—	—	—	—	—	—	—	—
25436.90	13.90	8.79	0.23	—	—	—	—	—	—	—	—
25736.10	16.30	8.68	0.05	—	—	—	—	-10.95	0.23	—	—
26031.70	3.00	8.66	0.05	25880.70	10.30	14.22	0.13	-19.57	0.56	15.83	0.45
26323.80	7.40	8.92	0.12	—	—	—	—	—	—	—	—
27468.00	5.70	8.40	0.05	—	—	—	—	—	—	—	—
27767.50	2.50	8.79	0.04	—	—	—	—	—	—	17.72	0.09
28059.10	18.50	8.51	0.07	27912.60	4.20	14.47	0.07	—	—	15.28	1.49
—	—	—	—	28192.70	6.20	14.33	0.18	—	—	—	—
28634.10	25.10	8.64	0.07	—	—	—	—	—	—	—	—
28918.00	4.70	8.95	0.04	—	—	—	—	—	—	17.44	0.10
29205.60	11.90	9.06	0.07	—	—	—	—	—	—	18.00	0.19
—	—	—	—	29344.30	3.00	13.84	0.16	—	—	—	—
30038.60	5.30	8.80	0.05	—	—	—	—	—	—	—	—
31167.00	10.20	9.15	0.08	—	—	—	—	—	—	—	—
32589.80	10.20	8.70	0.09	—	—	—	—	—	—	—	—
39230.70	0.90	8.39	0.01	—	—	—	—	—	—	—	—
39510.30	7.70	8.37	0.11	—	—	—	—	—	—	—	—
39818.30	12.10	8.59	0.11	—	—	—	—	—	—	17.47	0.27
40396.90	9.50	8.51	0.23	40254.80	3.10	14.87	0.09	-11.51	0.75	17.07	1.43
40692.60	7.90	8.71	0.05	40544.70	3.60	14.81	0.14	-10.75	0.21	—	—
40980.60	3.20	8.65	0.05	—	—	—	—	-17.01	0.39	20.21	0.26
41251.30	8.20	8.89	0.07	—	—	—	—	—	—	22.19	0.30
41800.60	9.20	8.55	0.15	41690.20	2.30	13.97	0.11	-12.09	0.13	16.37	2.31
42128.80	7.00	8.99	0.06	41975.50	1.70	14.56	0.20	-7.43	0.72	—	—
42419.80	2.90	8.80	0.04	—	—	—	—	—	—	—	—
42689.50	5.80	8.92	0.08	—	—	—	—	—	—	—	—
42953.60	1.30	8.30	0.12	42843.30	7.10	14.17	0.24	—	—	—	—
42961.30	7.10	8.26	0.13	42843.30	7.10	14.17	0.24	—	—	—	—
43259.30	5.00	8.71	0.03	43102.70	5.40	13.59	0.33	-19.51	0.29	—	—
43544.80	5.20	8.82	0.05	—	—	—	—	—	—	—	—
43828.40	5.40	8.51	0.05	—	—	—	—	—	—	17.64	0.14
44145.80	8.30	8.84	0.20	—	—	—	—	—	—	—	—
44702.70	4.30	8.72	0.04	—	—	—	—	—	—	—	—
44984.10	3.70	8.87	0.04	—	—	—	—	—	—	14.16	0.10
45258.00	6.30	8.65	0.05	—	—	—	—	—	—	19.59	0.10
—	—	—	—	45418.30	4.30	14.41	0.09	—	—	—	—
45837.60	19.70	8.45	0.08	45697.10	2.60	13.66	0.08	-10.56	0.14	—	—
46108.90	4.80	8.56	0.04	—	—	—	—	-13.56	0.27	17.83	0.18
46411.90	2.70	8.54	0.08	—	—	—	—	-26.22	0.46	14.82	0.13
46705.20	5.00	8.87	0.08	46538.40	5.90	14.30	0.13	—	—	17.30	0.13
46972.60	3.00	8.32	0.11	46831.90	3.50	14.44	0.13	-13.25	0.18	—	—
47240.10	3.10	8.75	0.04	47126.70	6.20	13.79	0.24	-8.50	0.40	—	—
47568.10	2.50	8.96	0.03	—	—	—	—	-20.91	0.42	20.08	0.13
47847.70	3.90	8.95	0.04	—	—	—	—	—	—	20.48	0.20
48143.70	8.80	8.75	0.05	48002.00	8.00	14.02	0.14	—	—	15.40	0.24
—	—	—	—	48277.70	3.40	14.51	0.14	—	—	—	—
48699.20	4.80	8.70	0.03	48562.10	3.00	13.62	0.17	-11.73	0.24	—	—
48993.90	3.20	8.71	0.03	—	—	—	—	—	—	15.96	0.09

T Gem (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
49280.80	4.60	8.82	0.05	—	—	—	—	—	—	19.08	0.12
—	—	—	—	49432.10	5.50	14.26	0.15	—	—	—	—
49818.50	3.90	8.72	0.04	49709.40	2.50	13.87	0.11	-9.05	0.14	—	—
50115.80	3.70	8.67	0.03	49993.90	8.10	13.55	0.23	—	—	—	—
50425.60	4.20	8.79	0.05	—	—	—	—	—	—	—	—
50718.30	4.20	8.58	0.05	50551.70	9.60	13.84	0.17	—	—	—	—
—	—	—	—	50847.20	3.10	14.33	0.16	—	—	—	—

W Lyr

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24248.29	0.27	8.07	0.08	—	—	—	—	—	—	—	—
24425.99	0.66	8.49	0.04	—	—	—	—	—	—	—	—
24615.81	2.55	8.11	0.14	—	—	—	—	—	—	—	—
25398.25	1.18	8.07	0.14	—	—	—	—	—	—	10.57	0.63
25586.84	0.60	8.29	0.03	25472.45	0.04	12.26	0.12	-15.15	6.98	11.28	0.90
25781.23	0.59	8.07	0.03	25683.86	3.26	12.45	0.80	-7.37	0.19	13.55	0.59
25968.49	0.50	7.92	0.03	25882.22	1.52	12.18	0.25	-11.55	2.39	22.95	1.10
26167.10	0.90	7.67	0.10	—	—	—	—	-13.21	0.65	2.04	1.09
26360.16	2.06	7.61	0.25	26261.76	3.39	12.18	0.29	-16.73	1.74	11.53	0.60
26562.31	0.80	8.12	0.27	26463.25	1.40	12.67	0.43	-11.87	0.68	13.88	0.27
26770.67	1.63	8.24	0.06	—	—	—	—	—	—	10.49	1.07
26959.03	0.59	7.91	0.03	26863.62	0.50	13.36	0.23	-7.68	0.94	13.73	0.41
27357.42	0.97	7.95	0.65	27252.89	1.82	12.57	0.36	-9.72	0.44	11.77	1.09
27554.82	0.78	7.91	0.27	—	—	—	—	—	—	10.39	0.60
27747.57	1.30	7.60	0.29	27645.18	1.31	12.54	0.69	-10.08	0.75	—	—
27952.25	1.21	8.09	0.20	—	—	—	—	—	—	14.57	1.61
28142.19	1.12	7.82	0.10	28051.53	0.75	12.65	0.11	-5.01	0.59	—	—
28334.96	1.31	7.88	0.22	28251.63	2.42	12.22	0.19	-10.77	0.66	9.68	1.63
28534.61	0.84	7.67	0.05	28447.98	1.91	12.12	0.31	—	—	11.95	0.35
28733.19	1.41	7.98	0.34	28636.42	1.19	12.37	0.37	-7.81	0.73	11.36	0.80
28939.03	0.64	8.13	0.06	28836.68	1.25	12.53	0.33	-9.85	0.58	9.26	0.83
29140.73	0.84	8.35	0.07	29038.12	0.68	12.70	0.12	-5.43	0.65	6.29	0.48
29521.00	1.98	7.71	0.12	29438.14	1.49	11.84	0.14	—	—	21.97	0.40
29930.11	1.74	8.05	0.55	29830.79	4.57	12.43	0.22	-14.17	0.66	—	—
—	—	—	—	30239.29	1.75	12.88	0.18	—	—	—	—
30530.98	3.31	7.37	0.32	—	—	—	—	—	—	9.76	0.66
30724.42	0.04	7.65	0.13	30631.98	0.68	12.34	0.13	-12.99	0.64	—	—
30932.11	0.98	7.83	0.12	—	—	—	—	—	—	15.35	0.71
—	—	—	—	31025.43	0.51	12.34	0.09	—	—	—	—
31325.89	1.21	8.27	0.07	—	—	—	—	—	—	15.14	1.22
32694.87	1.47	7.75	0.13	—	—	—	—	—	—	—	—
39560.21	2.80	8.54	0.09	—	—	—	—	—	—	22.43	1.28
39746.63	2.79	8.00	0.96	39645.35	0.75	12.44	0.12	—	—	—	—
39943.19	1.58	8.32	0.08	—	—	—	—	—	—	—	—
40140.26	0.92	8.14	0.07	40038.75	0.79	11.69	0.07	-13.28	1.35	13.94	3.31
40341.65	2.27	8.21	0.25	40241.03	2.60	12.10	0.34	-6.55	2.23	11.89	1.76
40532.23	1.40	8.16	0.07	40435.68	2.79	11.81	0.55	—	—	—	—

W Lyr (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
40744.87	0.59	8.12	0.05	40634.70	1.98	12.26	1.48	-7.41	1.66	8.94	0.51
40940.44	1.18	8.59	0.05	40835.88	15.86	12.42	0.23	—	—	—	—
41137.73	1.97	8.38	0.17	41034.46	2.21	12.18	0.32	-9.52	0.91	20.26	0.96
41329.79	2.22	8.28	0.85	41243.55	2.13	11.66	0.38	—	—	—	—
41528.22	4.07	8.11	1.13	41444.92	0.12	12.08	0.17	—	—	—	—
41724.48	1.09	8.33	0.10	41620.57	5.03	11.91	0.47	—	—	—	—
41920.63	1.29	8.57	0.09	41809.62	0.45	12.56	0.17	—	—	—	—
42118.32	2.73	7.84	0.13	—	—	—	—	—	—	15.41	0.73
42314.48	1.82	8.31	0.06	42221.04	2.00	12.37	0.34	-7.10	0.83	—	—
42511.41	1.68	8.00	0.06	—	—	—	—	—	—	11.50	0.55
42716.08	2.46	8.49	0.29	42612.85	4.14	12.40	0.19	-12.78	1.43	—	—
42909.38	0.68	8.14	0.05	42802.67	1.00	12.27	0.13	-10.47	1.22	14.76	0.43
43095.70	10.77	8.36	0.14	43014.68	1.39	12.52	0.30	-9.31	0.38	10.35	7.10
43296.87	1.70	7.85	0.21	43205.07	0.06	11.17	0.13	-15.59	1.22	18.63	0.88
43483.90	3.08	8.15	0.20	43406.99	1.46	11.61	0.19	-10.86	0.96	—	—
43698.09	1.22	7.99	0.34	43593.52	0.03	11.40	0.11	—	—	11.77	0.34
43888.26	1.17	8.19	0.13	43787.89	1.30	12.28	0.63	—	—	15.88	1.06
44097.78	0.97	8.21	0.23	43994.93	0.09	12.49	0.15	-12.43	1.45	10.30	0.25
44291.82	3.84	8.21	0.60	44192.71	0.77	13.12	0.13	—	—	13.19	2.09
44487.05	0.51	7.64	0.03	44390.42	1.87	12.21	0.19	-5.65	0.63	7.78	2.04
44691.47	2.08	8.09	0.16	44584.91	0.49	12.77	0.30	—	—	15.79	0.45
44888.30	0.91	7.46	0.09	44792.03	0.12	13.31	0.12	-7.85	1.14	—	—
45087.23	0.98	7.40	0.12	—	—	—	—	—	—	12.37	0.30
45289.18	0.93	7.87	0.20	45190.55	0.65	12.16	0.40	-12.41	0.13	14.54	0.72
45493.86	1.00	8.12	0.08	45384.16	2.55	12.54	0.22	-14.34	1.30	11.70	0.26
45693.19	1.11	8.06	0.47	45591.58	0.78	12.81	0.11	-12.75	0.13	—	—
45885.14	0.39	7.54	0.03	45795.79	0.32	12.99	0.18	-5.62	0.26	11.61	0.46
46084.46	1.03	7.43	0.19	45987.15	1.02	12.36	0.11	-11.50	0.57	—	—
46285.97	0.66	7.51	0.09	46182.94	2.18	12.55	0.14	-12.44	0.49	12.89	0.10
—	—	—	—	46381.83	2.83	12.43	0.36	—	—	—	—
46685.11	0.37	7.67	0.03	46578.64	2.20	12.54	0.17	-6.49	0.13	9.86	0.56
46878.22	0.80	8.14	0.06	46786.29	0.21	12.62	0.14	—	—	10.22	1.06
47077.14	0.63	7.51	0.08	46971.71	1.54	12.25	0.12	-13.14	0.48	13.80	0.36
47270.98	0.72	8.15	0.04	—	—	—	—	-13.90	2.88	14.80	0.16
47472.26	0.85	7.89	0.10	47372.97	0.83	12.24	0.09	-10.76	0.20	17.96	0.67
47670.88	0.96	7.91	0.05	47579.41	1.93	11.86	0.43	-9.93	2.27	—	—
47864.62	0.43	7.71	0.03	47777.00	0.65	11.63	0.09	-7.28	0.41	—	—
48065.72	0.61	7.90	0.17	47967.57	2.52	11.89	0.13	-11.11	1.21	13.19	0.32
48259.66	3.12	8.14	0.34	48171.29	0.77	12.07	0.17	-8.37	0.64	16.54	0.97
48460.80	0.49	7.62	0.05	48367.22	2.72	12.48	0.32	-7.40	0.27	13.30	0.07
48648.11	0.50	8.12	0.05	48554.51	0.69	12.41	0.24	-8.04	0.35	13.72	0.72
48851.58	0.35	7.88	0.02	48751.30	1.22	12.44	0.19	-6.45	0.56	14.56	0.58
49046.52	0.83	8.22	0.06	48956.23	2.19	12.05	0.38	—	—	14.08	0.47
49234.62	0.46	7.85	0.10	49143.50	0.72	12.01	0.10	-12.85	0.20	13.80	0.21
49428.62	1.08	7.78	0.27	49330.83	1.64	11.75	0.34	-14.27	2.60	10.40	0.20
49633.81	0.57	8.27	0.08	49529.39	1.00	12.48	0.11	-12.66	0.39	12.76	0.87
49830.48	0.68	7.98	0.10	—	—	—	—	—	—	13.46	0.06
50027.56	0.65	8.12	0.14	49927.82	0.18	12.84	0.04	-6.41	0.10	14.57	0.64
50213.91	0.87	7.51	0.16	50108.10	2.87	11.89	0.23	—	—	—	—

R Hya

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23452.88	2.31	4.38	0.17	—	—	—	—	—	—	—	—
23868.22	0.30	3.80	0.06	—	—	—	—	-11.78	2.46	25.25	0.50
24290.24	0.90	4.47	0.06	—	—	—	—	-13.79	0.50	19.34	1.20
24704.55	0.74	4.61	0.06	24488.81	0.53	10.05	0.13	-14.90	0.67	—	—
25117.82	3.78	4.53	0.21	24928.64	2.35	9.07	0.05	-24.29	0.33	33.49	1.33
—	—	—	—	25328.57	0.80	9.45	0.05	—	—	—	—
—	—	—	—	25746.58	4.69	9.52	0.06	—	—	—	—
26365.80	1.99	4.05	0.10	26163.35	1.20	9.78	0.08	-15.00	4.72	25.35	0.68
26778.77	2.16	5.41	0.58	26581.40	0.00	9.86	1.18	-13.46	3.26	23.93	3.37
27188.88	0.56	4.11	0.05	—	—	—	—	-18.36	1.25	30.29	5.16
27597.46	0.97	4.79	0.06	—	—	—	—	-16.69	0.48	—	—
28009.63	1.37	4.61	0.11	27803.34	1.19	9.91	0.13	-12.78	0.67	—	—
—	—	—	—	28208.67	5.00	9.17	0.11	—	—	—	—
—	—	—	—	28618.24	2.99	9.47	0.10	—	—	—	—
—	—	—	—	29018.66	0.00	10.18	0.06	—	—	—	—
29613.02	11.05	5.13	0.17	29387.64	6.43	9.48	0.09	—	—	23.63	1.18
30004.26	1.85	5.37	0.11	29792.79	5.13	9.51	0.12	—	—	17.25	1.44
—	—	—	—	30149.54	1.46	9.35	0.22	—	—	—	—
32302.00	4.38	5.22	0.11	—	—	—	—	-11.79	11.64	23.64	1.26
32684.33	3.54	5.43	0.09	—	—	—	—	-36.99	3.93	—	—
33074.70	7.30	5.73	0.12	—	—	—	—	—	—	—	—
—	—	—	—	35207.59	1.60	9.67	0.20	—	—	—	—
—	—	—	—	35572.33	7.17	9.17	0.13	—	—	—	—
37369.58	2.89	5.13	0.15	—	—	—	—	—	—	—	—
37740.23	8.00	5.34	0.07	—	—	—	—	—	—	20.06	7.42
38136.20	2.02	5.14	0.05	—	—	—	—	-38.77	7.55	—	—
38550.20	0.45	4.88	0.10	—	—	—	—	-28.58	14.11	—	—
—	—	—	—	39528.43	6.45	9.18	0.16	—	—	—	—
—	—	—	—	39924.26	2.11	9.20	0.30	—	—	—	—
—	—	—	—	41080.37	2.68	9.04	0.16	—	—	—	—
41685.87	1.11	5.20	0.15	41471.07	13.36	8.86	0.38	—	—	31.02	2.15
42440.98	2.43	5.15	0.12	—	—	—	—	—	—	32.16	2.35
42826.89	2.37	5.40	0.04	—	—	—	—	—	—	33.42	2.53
43212.64	2.56	5.46	0.06	—	—	—	—	—	—	37.65	2.68
43598.12	3.04	5.46	0.10	—	—	—	—	—	—	34.12	3.19
43975.26	1.64	5.48	0.03	—	—	—	—	—	—	32.99	2.94
44354.64	2.64	5.31	0.04	—	—	—	—	—	—	—	—
44792.53	3.09	5.12	0.07	—	—	—	—	-22.11	6.11	—	—
45063.77	0.12	6.79	0.15	—	—	—	—	—	—	—	—
45515.01	5.81	5.61	0.11	45341.79	20.25	8.59	0.12	—	—	—	—
45919.30	0.09	5.02	0.08	45730.08	3.76	8.21	0.15	-39.85	3.82	—	—
—	—	—	—	46113.75	7.29	8.87	0.15	—	—	—	—
—	—	—	—	46518.53	0.00	9.12	0.12	—	—	—	—
—	—	—	—	46898.19	1.60	8.47	0.09	—	—	—	—
—	—	—	—	47302.46	0.44	8.88	0.05	—	—	—	—
—	—	—	—	47660.11	3.47	9.05	0.08	—	—	—	—
—	—	—	—	48051.20	5.10	8.88	0.05	—	—	—	—
48637.82	3.08	5.11	0.09	48427.10	1.37	8.61	0.10	-18.27	43.47	30.36	0.68
49011.25	3.48	5.10	0.16	—	—	—	—	-11.28	12.27	35.70	0.54
49405.68	0.32	4.98	0.08	—	—	—	—	-28.46	10.98	36.54	0.69
49786.09	4.64	5.49	0.08	—	—	—	—	-52.14	12.18	34.67	1.22
50168.40	3.29	5.86	0.08	—	—	—	—	-56.06	30.96	35.93	4.41
50563.54	0.00	5.03	0.04	—	—	—	—	-32.07	10.15	25.63	3.60
50949.58	0.00	5.07	0.05	—	—	—	—	-33.75	7.42	—	—

R Leo

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23020.71	1.31	5.71	0.12	—	—	—	—	—	—	26.60	0.43
—	—	—	—	23185.24	12.54	10.16	0.29	—	—	—	—
—	—	—	—	23500.74	0.51	10.20	0.08	—	—	—	—
23948.26	0.60	6.11	0.10	23825.27	1.75	10.32	0.07	-10.60	0.83	—	—
24257.66	0.55	6.07	0.05	24152.61	1.47	10.11	0.05	-8.18	0.36	—	—
24570.15	0.72	5.74	0.04	—	—	—	—	-12.12	0.92	34.48	0.53
24886.22	2.64	5.97	0.08	—	—	—	—	—	—	32.68	0.20
25194.60	1.44	5.74	0.07	—	—	—	—	-19.07	3.25	27.33	0.25
—	—	—	—	25368.92	1.85	10.29	0.04	—	—	—	—
—	—	—	—	25684.55	2.14	9.93	0.07	—	—	—	—
26146.89	1.11	5.66	0.08	26002.08	1.26	9.45	0.05	-9.25	1.42	—	—
26448.84	0.13	5.51	0.03	26321.48	4.84	9.61	0.08	-10.96	0.28	26.88	2.45
26775.43	0.59	6.02	0.04	—	—	—	—	-13.22	0.30	25.05	0.57
27082.50	1.16	5.97	0.31	—	—	—	—	—	—	15.54	1.23
—	—	—	—	27536.67	0.17	9.81	0.06	—	—	—	—
—	—	—	—	27855.19	0.91	9.77	0.07	—	—	—	—
28312.25	0.52	5.83	0.03	28164.51	3.51	10.04	0.17	-8.83	0.61	—	—
28617.01	0.47	5.65	0.04	28477.51	2.61	9.95	0.10	-10.62	0.35	25.07	0.69
28915.54	1.45	5.65	0.08	28786.20	0.70	9.69	0.10	-15.08	1.75	38.64	0.31
29234.30	0.65	5.74	0.05	—	—	—	—	-16.45	1.66	23.28	0.59
29531.10	0.98	5.93	0.06	29395.82	3.18	9.58	0.04	—	—	27.83	0.48
—	—	—	—	29711.82	1.61	10.05	0.05	—	—	—	—
—	—	—	—	30024.21	7.64	10.15	0.25	—	—	—	—
32341.60	4.92	5.65	0.13	—	—	—	—	-12.60	0.28	—	—
32653.47	1.10	5.70	0.06	—	—	—	—	-14.27	1.06	—	—
32975.67	0.64	6.23	0.05	—	—	—	—	-10.42	1.32	17.72	1.14
33280.35	2.26	5.54	0.11	—	—	—	—	—	—	23.77	0.87
33582.50	0.02	5.77	0.09	—	—	—	—	—	—	34.08	0.50
—	—	—	—	33761.79	2.52	10.26	0.06	—	—	—	—
—	—	—	—	34086.05	3.10	10.26	0.11	—	—	—	—
34844.89	0.79	6.34	0.06	—	—	—	—	-12.50	0.29	—	—
35156.66	2.93	5.81	0.91	—	—	—	—	—	—	30.88	1.12
—	—	—	—	36274.39	2.24	10.27	0.10	—	—	—	—
36718.45	3.69	5.31	0.16	—	—	—	—	-12.21	1.02	—	—
37025.91	0.71	5.40	0.10	—	—	—	—	-10.55	0.78	19.12	3.13
37344.30	2.11	5.61	0.13	—	—	—	—	—	—	23.89	1.48
37667.99	0.00	5.62	1.05	—	—	—	—	—	—	27.29	0.48
—	—	—	—	38456.85	1.34	9.78	0.07	—	—	—	—
38890.22	2.74	5.32	0.13	38743.84	5.30	9.66	0.08	-13.88	1.66	—	—
39199.54	0.73	6.07	0.06	—	—	—	—	-11.12	0.91	21.77	0.53
39506.00	1.18	5.51	0.08	—	—	—	—	-19.23	1.27	30.74	0.25
39822.72	1.15	5.86	0.04	—	—	—	—	—	—	35.98	0.19
40162.76	0.43	6.19	0.37	39991.53	7.96	9.62	0.10	—	—	31.84	0.33
—	—	—	—	40307.39	0.94	9.65	0.05	—	—	—	—
40739.18	0.43	5.31	0.03	40597.33	1.34	9.47	0.08	-30.11	0.22	—	—
41058.50	0.48	6.23	0.04	40931.33	4.28	10.02	0.13	-11.90	0.26	16.59	1.81
41376.59	0.73	5.97	0.03	—	—	—	—	-17.68	0.34	27.24	0.13
41689.04	1.25	6.44	0.06	—	—	—	—	-13.19	1.37	26.15	0.21
41998.45	1.07	5.67	0.04	—	—	—	—	—	—	28.06	0.17
—	—	—	—	42162.61	1.09	9.63	0.02	—	—	—	—
—	—	—	—	42471.31	1.20	10.08	0.05	—	—	—	—
42906.51	0.32	6.05	0.04	42773.57	1.50	9.73	0.07	-13.35	0.33	—	—
43229.82	0.31	5.35	0.03	—	—	—	—	-11.33	0.11	31.03	0.63
43546.86	1.18	6.26	0.05	—	—	—	—	-11.92	0.24	28.92	0.25
43847.19	1.09	5.35	0.07	—	—	—	—	-18.69	1.39	30.38	0.12

R Leo (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
44168.82	0.61	5.68	0.05	—	—	—	—	—	—	33.07	0.13
—	—	—	—	44340.33	1.65	10.02	0.05	—	—	—	—
—	—	—	—	44659.78	0.64	10.02	0.04	—	—	—	—
45107.03	0.22	5.27	0.03	44977.39	2.75	9.59	0.10	-21.78	0.08	—	—
45434.78	0.39	5.75	0.02	45305.47	0.55	10.16	0.07	-23.36	0.13	26.47	1.08
45743.64	0.30	6.02	0.03	—	—	—	—	-8.06	0.13	29.47	0.09
46067.90	0.29	5.82	0.04	—	—	—	—	—	—	32.95	0.14
46382.12	1.57	5.44	0.06	—	—	—	—	—	—	26.56	0.06
—	—	—	—	46546.54	1.06	10.15	0.04	—	—	—	—
—	—	—	—	46861.51	0.47	10.21	0.03	—	—	—	—
47309.90	0.57	5.86	0.03	47182.49	1.48	9.78	0.06	-23.86	0.08	—	—
47628.90	0.50	5.52	0.02	47491.39	2.20	10.02	0.10	-26.67	0.10	24.48	0.31
47949.36	0.16	6.08	0.01	—	—	—	—	-12.28	0.09	27.94	0.06
48250.35	0.44	5.89	0.03	—	—	—	—	-13.92	0.16	36.21	0.06
48557.84	0.89	5.19	0.21	—	—	—	—	—	—	28.56	0.10
—	—	—	—	48723.51	1.11	9.35	0.02	—	—	—	—
49494.47	0.81	5.26	0.03	—	—	—	—	-15.08	0.07	—	—
49806.64	0.27	6.42	0.03	49683.64	4.19	10.43	0.10	-18.31	0.08	15.50	0.49
50129.39	0.41	5.68	0.02	—	—	—	—	-23.21	0.09	27.04	0.07
50442.88	0.86	6.24	0.05	—	—	—	—	-19.08	0.31	29.16	0.09
50744.95	0.00	5.95	0.03	—	—	—	—	—	—	36.06	1.22

S UMi

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
22617.19	1.16	8.44	0.12	—	—	—	—	—	—	—	—
22925.16	1.27	8.25	0.07	—	—	—	—	-28.42	8.84	40.30	1.15
23246.75	8.27	8.38	0.16	—	—	—	—	-26.97	1.51	20.21	1.12
23565.31	1.70	8.51	0.06	23426.74	0.89	11.82	0.10	-22.51	0.88	30.63	0.62
23896.61	0.94	8.53	0.03	23738.69	3.09	12.07	0.16	-15.74	0.75	27.26	0.30
24244.53	5.42	8.68	0.18	24060.62	0.95	12.09	0.05	-18.24	3.12	29.97	0.28
24589.30	2.62	8.41	0.09	24396.54	0.91	12.28	0.06	-16.61	0.55	25.08	0.53
24892.65	3.24	8.53	0.08	24732.65	8.07	12.13	0.32	-26.22	0.63	38.41	0.57
25222.69	1.24	8.45	0.03	—	—	—	—	-24.14	1.00	31.35	0.33
25549.67	0.76	8.56	0.02	25387.80	1.21	11.50	0.08	-35.99	0.36	52.05	0.68
25877.49	1.75	8.49	0.02	25723.95	0.91	11.01	0.08	—	—	34.14	0.82
26218.37	1.61	8.57	0.03	26062.78	1.46	11.55	0.13	-23.82	1.26	30.07	0.75
26544.18	1.13	8.55	0.04	26387.79	4.42	11.78	0.15	-20.91	0.98	29.72	0.25
26886.97	1.26	8.66	0.06	—	—	—	—	-52.25	2.49	29.09	0.50
27213.37	3.06	8.56	0.11	27037.02	16.31	12.29	0.30	-20.43	2.33	23.30	0.74
27555.42	4.71	8.99	0.17	—	—	—	—	—	—	—	—
27886.63	3.76	8.72	0.14	27712.41	1.72	12.71	0.06	—	—	23.86	1.03
28232.53	4.60	8.51	0.13	28050.72	2.86	12.60	0.08	-32.06	0.61	24.49	0.36
28560.41	5.50	8.41	0.10	28388.86	0.34	12.86	0.13	-27.67	4.83	33.43	0.69
28894.50	3.22	8.48	0.10	28721.01	6.91	11.80	0.17	-33.04	0.64	32.88	0.26
29226.34	1.80	8.44	0.03	29061.50	3.82	12.23	0.15	-25.35	0.46	27.86	0.50
29558.10	4.32	8.48	0.15	29397.01	0.12	12.37	0.12	-21.39	1.82	39.38	0.61
29892.69	0.68	8.10	0.04	—	—	—	—	-24.79	1.62	19.68	1.29
30232.65	4.02	8.11	0.11	—	—	—	—	-25.48	2.62	24.12	0.38
30563.17	0.83	8.41	0.08	—	—	—	—	-25.97	1.36	33.56	0.72
30888.81	2.85	8.23	0.10	—	—	—	—	-31.68	0.84	23.76	1.58

S UMi (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
31217.58	1.39	8.49	0.05	31050.32	1.66	12.12	0.09	-30.50	1.85	37.03	0.51
—	—	—	—	31381.60	0.99	11.80	0.07	—	—	—	—
32524.79	1.25	7.87	0.08	—	—	—	—	-26.59	2.04	26.83	0.34
32863.25	1.60	8.37	0.10	32684.31	1.36	12.18	0.08	-31.87	1.46	21.33	0.59
33175.50	0.00	8.27	0.52	32994.66	5.60	12.13	0.14	-38.17	1.48	—	—
33531.47	5.46	8.55	0.17	33344.21	10.76	12.16	0.29	—	—	—	—
34788.04	1.14	8.31	0.04	—	—	—	—	—	—	28.09	1.04
35121.84	0.79	8.05	0.06	34980.96	1.29	12.40	0.21	-36.42	0.40	—	—
35437.80	9.25	8.16	0.18	35274.17	1.50	12.22	0.18	—	—	—	—
35761.09	1.06	8.60	0.06	—	—	—	—	—	—	—	—
36071.94	9.95	8.22	0.42	—	—	—	—	—	—	—	—
36391.46	2.62	8.43	0.75	36224.67	0.71	12.57	0.21	—	—	—	—
37062.63	3.47	8.23	0.12	—	—	—	—	—	—	20.68	0.63
37383.71	1.53	8.44	0.10	37215.70	0.36	12.45	0.06	-27.51	1.40	30.59	0.31
37713.05	2.81	8.08	0.15	37540.17	1.24	12.05	0.06	-31.56	1.80	22.68	0.34
38039.59	1.99	8.15	0.14	37876.02	2.33	12.03	0.08	-15.32	1.37	26.82	0.37
38366.41	2.11	8.49	0.12	38192.49	1.23	12.25	0.09	-28.30	0.57	34.30	0.69
38683.71	4.25	8.49	0.13	38525.33	0.52	12.57	0.14	-25.06	0.59	44.65	0.72
39019.52	1.65	8.26	0.09	38860.19	1.25	11.57	0.10	-39.94	0.45	36.59	0.72
39331.94	6.76	8.31	0.13	39172.76	12.48	11.47	0.25	-20.26	0.57	31.93	0.56
39661.20	6.54	8.52	0.13	39509.71	2.58	12.03	0.18	-21.29	0.44	31.43	0.35
40002.91	0.73	8.45	0.09	39838.12	2.71	12.43	0.15	-23.56	0.50	19.87	0.48
40326.53	2.51	8.27	0.11	40157.99	1.37	12.29	0.11	-28.26	1.82	34.76	0.47
40661.07	0.74	8.20	0.05	40487.53	1.56	12.02	0.12	-18.53	1.40	24.90	0.27
40986.37	1.87	7.89	0.07	40814.47	1.34	12.13	0.10	-12.17	0.59	24.67	0.11
41309.65	0.62	8.08	0.04	41138.17	1.61	12.08	0.07	-17.66	0.27	26.39	0.33
41626.21	4.15	7.90	0.08	41474.37	1.01	12.19	0.10	-11.25	0.51	24.49	0.30
41956.85	10.08	8.45	0.23	41805.09	6.34	12.56	0.34	—	—	—	—
42303.59	1.08	8.21	0.04	—	—	—	—	-10.87	1.08	11.45	0.24
42619.13	1.21	8.19	0.04	42460.06	1.01	12.66	0.08	-12.32	0.31	24.80	0.35
42957.71	2.18	8.31	0.09	42786.06	1.59	12.54	0.10	-18.71	1.21	29.06	0.22
43279.30	5.34	7.98	0.11	43114.60	6.25	12.25	0.21	-20.43	0.37	24.71	0.39
43619.21	2.77	8.00	0.09	43452.15	2.06	12.19	0.15	-22.22	1.99	26.22	0.20
43954.73	1.28	8.16	0.07	43779.17	2.83	12.23	0.10	-35.18	0.29	26.46	0.09
44290.95	3.86	8.12	0.10	44112.93	2.73	12.63	0.10	-28.24	0.21	26.52	0.14
44617.01	1.92	8.16	0.07	44448.99	1.11	12.58	0.16	-24.24	0.51	28.07	0.15
44936.68	2.42	8.14	0.09	44764.22	1.59	12.11	0.10	-33.53	0.31	27.95	0.22
45271.81	1.74	8.37	0.08	45102.40	1.74	12.55	0.10	-30.70	0.20	26.94	0.19
45599.86	2.00	8.44	0.07	45439.75	3.74	12.83	0.16	-12.86	0.67	27.71	0.18
45939.49	2.52	8.70	0.08	45762.23	1.41	12.95	0.07	-21.52	0.43	19.16	0.31
46251.13	0.84	8.48	0.04	46086.44	0.81	13.04	0.08	-15.12	0.25	25.65	0.16
46603.41	1.25	8.28	0.06	46425.00	5.38	12.90	0.19	-31.38	0.46	21.25	0.24
46928.80	1.42	8.67	0.04	46759.50	0.88	12.96	0.07	-17.15	0.50	23.56	0.17
47250.51	0.91	8.22	0.03	47074.80	6.37	12.75	0.18	-5.05	1.34	27.56	0.05
47569.13	1.57	8.17	0.06	47415.37	3.14	12.50	0.10	-22.88	0.20	33.46	0.07
47898.56	1.88	8.17	0.07	47741.12	1.16	12.43	0.08	-14.61	0.29	30.00	0.08
48228.68	1.95	8.22	0.06	48057.63	0.72	12.35	0.08	-20.11	0.10	21.63	0.06
48553.77	0.92	8.80	0.04	48395.48	3.24	12.55	0.09	-19.93	0.15	19.42	0.40
48883.94	1.30	8.40	0.05	48707.10	3.92	12.54	0.17	-19.27	0.20	24.77	0.17
49191.71	1.15	8.23	0.05	49027.79	1.14	12.33	0.08	-30.08	0.16	31.16	0.13
49509.79	2.29	8.36	0.08	49355.48	1.36	12.25	0.11	-25.41	0.14	32.16	0.11
49844.97	5.93	8.19	0.10	49670.26	1.84	12.07	0.10	-19.76	0.17	25.04	0.05
50166.02	2.47	8.36	0.07	49996.58	3.83	12.22	0.09	-40.87	1.13	31.10	0.08
50484.74	2.60	8.07	0.07	50320.11	2.08	12.22	0.08	-31.43	0.75	24.78	0.08
50804.24	2.46	8.13	0.08	50637.23	2.39	11.95	0.05	-24.76	0.24	23.21	0.12

R LMi

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23119.05	0.80	7.26	0.10	—	—	—	—	-11.50	0.40	24.78	0.98
23484.97	1.45	6.77	0.11	—	—	—	—	-12.12	1.13	22.54	7.27
23875.57	1.14	6.88	0.10	—	—	—	—	-15.12	1.35	15.95	1.25
24247.05	1.05	7.12	0.07	24094.65	1.45	12.71	0.15	-6.30	0.20	17.95	1.22
24612.19	0.32	6.41	0.05	—	—	—	—	-10.02	0.37	36.67	5.21
25000.49	0.71	7.02	0.05	—	—	—	—	-10.86	0.30	23.30	1.40
25373.84	0.31	7.03	0.03	—	—	—	—	-11.41	0.42	34.80	0.87
25753.17	0.19	6.45	0.05	25588.20	0.74	12.04	0.06	-20.98	0.43	34.83	0.32
26141.09	0.74	7.35	0.09	26007.45	0.97	12.31	0.09	-14.71	0.20	—	—
26529.71	1.80	7.13	0.10	—	—	—	—	-14.34	0.51	—	—
26874.78	3.14	6.43	0.18	—	—	—	—	-15.24	0.57	—	—
27247.95	0.00	7.42	0.13	—	—	—	—	—	—	—	—
—	—	—	—	27479.53	2.59	12.92	0.25	—	—	—	—
—	—	—	—	27831.20	4.15	12.49	0.23	—	—	—	—
—	—	—	—	28564.87	0.76	13.24	0.09	—	—	—	—
29078.57	0.28	7.34	0.09	28953.26	0.00	12.60	0.12	-6.41	0.20	—	—
29459.95	0.13	6.82	0.09	29301.48	2.09	12.16	0.11	—	—	—	—
38020.56	2.55	6.96	0.11	—	—	—	—	-13.79	1.94	15.77	2.33
38397.82	8.12	7.47	0.22	—	—	—	—	—	—	28.17	0.87
39503.33	2.12	7.34	0.20	—	—	—	—	-32.21	1.41	29.14	0.21
39859.44	0.28	7.36	0.06	—	—	—	—	-11.37	0.25	29.50	0.15
40230.87	1.09	7.28	0.08	—	—	—	—	-13.37	0.16	36.46	0.40
40613.27	1.46	7.08	0.10	—	—	—	—	-10.04	0.53	28.53	0.40
40977.86	1.60	6.73	0.09	—	—	—	—	-12.68	0.45	25.09	0.45
41347.29	0.89	7.13	0.08	—	—	—	—	-8.87	0.37	27.89	0.27
41735.33	1.20	7.45	0.06	—	—	—	—	-9.20	0.62	26.21	0.34
42097.32	0.64	7.18	0.06	41940.68	1.39	12.34	0.10	-12.86	0.18	28.70	0.34
42469.20	0.54	6.68	0.04	—	—	—	—	-20.84	0.11	19.53	0.23
42842.62	0.32	6.86	0.03	—	—	—	—	-22.08	0.08	24.96	0.22
43216.70	0.51	7.67	0.04	—	—	—	—	-10.16	0.11	23.75	0.32
43585.25	0.33	7.16	0.03	—	—	—	—	-8.76	0.34	40.79	0.80
43967.06	0.46	7.43	0.05	—	—	—	—	-12.87	0.15	25.41	0.80
44339.44	0.62	6.51	0.04	—	—	—	—	-10.80	0.18	—	—
44731.24	2.70	8.16	0.07	44583.21	1.31	12.84	0.10	-10.52	0.12	—	—
45088.71	0.20	8.33	0.04	44962.84	1.61	13.29	0.11	-8.27	0.21	43.71	1.05
45474.88	0.69	7.99	0.04	45324.42	1.14	13.09	0.08	-19.48	0.06	37.33	0.39
45841.56	0.80	8.25	0.06	45699.34	1.82	13.08	0.07	-9.16	0.11	39.58	0.31
46228.94	1.01	7.99	0.08	46058.39	3.38	13.19	0.11	-12.15	0.15	31.57	1.48
46598.20	1.13	7.96	0.09	46436.33	1.88	13.25	0.10	-11.89	0.10	—	—
46966.62	0.82	8.72	0.10	46811.38	5.85	13.58	0.17	-11.99	0.11	—	—
47326.99	0.28	7.52	0.09	47182.13	2.41	13.48	0.14	-9.15	0.09	—	—
47697.25	0.35	8.47	0.17	47557.39	6.48	13.49	0.11	-11.08	0.15	—	—
48069.85	0.49	8.47	0.13	47933.69	1.13	13.58	0.06	-12.07	0.23	40.04	1.72
—	—	—	—	48310.23	2.91	13.44	0.09	—	—	—	—
—	—	—	—	48663.01	2.33	13.02	0.10	—	—	—	—
—	—	—	—	49041.43	4.04	13.39	0.12	—	—	—	—
49604.45	2.06	9.26	0.23	49419.73	3.88	13.56	0.09	-19.89	1.79	37.37	1.59
—	—	—	—	49794.04	3.06	13.44	0.10	—	—	—	—
50344.89	1.59	8.53	0.18	50175.69	1.51	13.20	0.07	—	—	37.51	0.15
50712.07	0.87	8.11	0.14	50546.01	2.12	13.18	0.08	-27.01	0.36	34.77	0.06
51086.40	0.44	8.31	0.08	50915.82	1.19	13.13	0.07	—	—	29.09	0.85

S UMa

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
19109.10	2.00	7.49	0.07	—	—	—	—	—	—	16.10	0.69
23131.60	6.90	7.74	0.09	—	—	—	—	—	—	—	—
23368.80	3.20	7.88	0.06	23243.60	4.00	11.94	0.13	-11.38	0.23	15.74	0.23
23580.80	4.90	8.04	0.04	23462.50	2.60	11.53	0.06	-13.99	0.29	14.70	0.12
23817.30	2.60	7.97	0.04	23703.70	2.10	12.31	0.07	—	—	25.03	0.32
24023.70	4.20	8.02	0.02	23934.10	1.30	11.52	0.06	-10.71	0.30	27.94	0.20
24242.40	3.40	7.96	0.05	24162.50	3.40	11.47	0.07	-10.06	0.21	19.74	0.29
24495.00	21.60	8.07	0.07	24379.60	2.50	11.36	0.07	-9.07	0.19	25.16	0.14
24721.30	6.10	8.13	0.04	24613.90	3.50	11.63	0.13	-19.03	0.61	22.63	0.24
24941.80	5.60	8.12	0.04	24835.00	7.30	11.43	0.15	-20.12	1.03	24.27	0.16
25180.30	5.40	7.97	0.05	25067.30	4.80	11.98	0.16	-13.82	0.24	23.40	0.47
25408.80	6.70	8.10	0.03	25292.10	3.10	11.87	0.11	-14.72	0.31	22.69	0.21
25617.20	5.60	8.00	0.04	25525.00	4.10	11.54	0.13	-12.43	0.59	21.45	0.35
25849.60	2.10	7.84	0.03	25747.00	2.00	11.40	0.08	-17.33	0.29	28.85	0.26
26090.20	3.00	7.95	0.05	25975.40	4.90	11.37	0.22	-14.53	1.28	21.72	0.99
26318.80	7.30	7.96	0.09	26204.60	5.50	11.78	0.11	—	—	—	—
26559.70	6.50	8.25	0.09	26443.00	8.20	12.62	0.38	—	—	—	—
26779.10	3.90	7.97	0.05	—	—	—	—	—	—	26.14	0.45
27010.00	18.00	8.05	0.06	26899.50	4.30	11.26	0.07	-17.47	0.52	—	—
27238.80	3.50	7.81	0.06	27129.60	1.60	11.41	0.08	-11.64	0.31	23.13	0.31
27470.10	5.30	8.03	0.05	27356.10	6.90	11.28	0.11	—	—	—	—
27692.00	2.40	7.86	0.03	27584.90	2.60	11.72	0.12	-14.50	0.48	26.60	0.50
27921.90	5.10	7.92	0.04	27807.30	4.60	10.91	0.18	-8.86	1.18	18.74	0.29
28148.70	2.80	7.91	0.09	28030.20	3.50	11.27	0.06	—	—	24.84	0.45
28377.80	3.80	7.86	0.05	28260.50	3.00	11.37	0.06	-18.60	0.41	21.20	0.28
28600.00	7.30	8.10	0.05	28490.50	4.40	11.38	0.19	-8.69	2.76	18.17	0.20
28833.70	6.20	7.95	0.05	28725.40	3.20	11.52	0.13	-8.44	0.31	20.28	0.26
29061.80	2.70	7.74	0.04	28948.80	1.70	11.68	0.06	-9.85	0.23	21.91	0.09
29276.30	6.70	8.18	0.05	29178.90	2.20	11.70	0.06	-11.77	0.36	21.25	0.14
29523.90	2.80	8.02	0.04	29407.80	1.90	12.04	0.07	-9.78	0.20	16.50	0.81
29751.50	5.90	8.07	0.05	29624.50	2.70	11.83	0.12	—	—	14.99	0.46
29978.10	3.20	7.76	0.08	29855.80	1.90	11.69	0.05	-13.47	0.12	—	—
30187.80	6.50	7.95	0.09	—	—	—	—	—	—	—	—
30637.30	5.40	7.87	0.05	—	—	—	—	—	—	—	—
30880.50	4.80	8.06	0.06	—	—	—	—	—	—	21.05	0.30
—	—	—	—	30997.80	8.10	12.16	0.14	—	—	—	—
31330.50	3.50	7.67	0.06	31210.90	2.20	11.28	0.06	—	—	—	—
—	—	—	—	32339.10	8.00	11.41	0.13	—	—	—	—
32683.80	5.10	7.90	0.08	—	—	—	—	-15.56	0.42	—	—
32880.50	25.80	8.34	0.15	32807.60	1.80	11.52	0.20	-8.93	0.62	17.46	2.05
33119.00	3.00	7.94	0.05	33027.00	3.90	11.18	0.14	-13.40	1.04	—	—
33359.20	12.30	8.11	0.07	—	—	—	—	—	—	16.10	0.33
34260.80	20.70	7.78	0.14	34152.70	4.20	11.54	0.13	—	—	—	—
34732.70	8.80	8.33	0.07	—	—	—	—	—	—	—	—
34943.80	10.30	8.01	0.18	34834.40	5.00	11.06	0.11	—	—	—	—
35180.80	9.30	8.07	0.13	35050.70	2.30	11.26	0.05	-23.18	0.86	16.27	1.05
35390.80	3.00	7.96	0.03	35272.00	13.70	11.01	0.24	—	—	—	—
35597.90	11.60	8.50	0.06	—	—	—	—	—	—	—	—
36042.50	9.30	8.25	0.05	—	—	—	—	—	—	—	—
36291.80	7.10	8.55	0.07	—	—	—	—	—	—	—	—
36762.90	6.10	8.45	0.08	—	—	—	—	—	—	—	—
36978.60	3.70	8.07	0.06	—	—	—	—	—	—	—	—
37202.30	4.90	7.93	0.10	—	—	—	—	—	—	—	—
37406.50	4.60	7.95	0.05	37275.00	15.30	11.26	0.16	—	—	19.58	0.32
37628.70	13.70	8.12	0.14	37513.50	6.30	11.34	0.12	-18.04	0.90	15.97	0.55

S UMa (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
37858.00	5.50	8.00	0.06	37745.70	3.90	11.56	0.09	-21.01	0.89	19.17	0.97
38081.30	12.40	7.97	0.07	37971.90	4.10	11.68	0.15	-11.48	0.64	17.10	0.70
38307.40	6.30	8.02	0.08	38193.70	14.70	11.37	0.35	—	—	—	—
38548.90	4.90	7.99	0.06	38431.00	5.70	11.95	0.22	-6.67	0.28	21.15	0.74
38788.30	16.70	8.51	0.20	—	—	—	—	—	—	—	—
38991.20	21.40	7.98	0.10	38880.50	4.60	11.33	0.14	-17.11	0.81	16.62	1.24
39217.90	5.40	8.12	0.05	—	—	—	—	-17.77	2.58	15.89	0.36
39440.00	45.30	7.87	0.12	39320.60	5.20	11.33	0.29	-17.14	3.48	15.06	0.30
39670.50	4.20	7.94	0.07	39550.90	1.90	11.79	0.09	-9.37	0.33	18.25	0.83
39894.60	3.50	7.68	0.06	39781.20	3.10	11.61	0.09	-9.69	0.27	18.10	0.12
40109.70	9.10	7.96	0.08	40003.50	3.70	11.61	0.08	-15.10	0.73	17.89	0.39
40355.80	2.80	7.97	0.03	40232.30	3.50	11.70	0.10	-19.81	0.31	19.62	0.19
40576.20	5.50	8.03	0.05	40465.90	4.50	11.59	0.22	-11.34	0.97	20.48	0.24
40801.00	7.10	7.94	0.04	40688.10	4.60	11.63	0.14	-13.20	0.16	20.76	0.24
41031.90	2.60	7.94	0.03	40916.90	2.10	11.52	0.05	-16.45	0.15	17.92	0.10
41261.30	5.60	8.07	0.06	41145.80	1.90	11.77	0.07	-9.61	0.11	22.68	0.28
41499.50	2.60	7.92	0.04	41372.20	6.70	11.42	0.14	-19.41	0.20	21.73	0.45
41703.60	6.20	7.95	0.06	41603.80	1.90	11.91	0.12	-14.12	0.82	22.01	0.10
41930.70	9.10	7.99	0.06	41838.80	1.70	11.64	0.07	-10.48	0.16	20.11	0.32
42171.60	3.50	7.84	0.04	42046.50	3.30	11.26	0.12	-12.37	0.82	14.84	0.24
42395.00	8.50	8.06	0.08	42274.90	12.40	11.63	0.20	—	—	17.42	0.16
42621.80	3.30	8.14	0.03	42505.70	2.60	11.84	0.06	-17.25	0.13	26.41	0.25
42836.60	5.20	7.92	0.03	42734.80	3.60	11.44	0.11	-9.83	0.21	20.57	0.14
43062.80	13.10	7.99	0.03	42964.60	2.70	11.54	0.07	-10.81	0.12	17.33	0.25
43303.50	2.80	7.78	0.03	43186.40	1.80	11.72	0.07	-10.29	0.25	19.53	0.15
43522.00	4.00	7.88	0.04	43410.70	2.20	11.44	0.08	-10.87	0.51	18.71	0.12
43751.20	6.60	7.99	0.04	43641.60	2.20	11.83	0.06	-11.92	0.12	12.63	0.45
43981.10	2.70	7.90	0.04	43861.90	1.80	11.82	0.06	-10.10	0.19	18.41	0.10
44206.20	6.50	7.87	0.09	44090.70	2.10	11.73	0.08	-8.95	0.24	19.71	0.23
44426.20	3.70	7.80	0.04	44314.30	1.70	11.37	0.04	-12.73	0.13	15.24	0.28
44653.60	3.70	8.11	0.03	44541.60	2.90	11.73	0.08	-16.73	0.27	24.56	0.10
44873.70	3.90	8.14	0.04	44768.30	3.00	11.08	0.05	-11.90	0.23	24.53	0.29
45100.20	4.90	7.97	0.02	44982.50	1.60	11.27	0.06	-14.38	0.50	16.99	0.12
45329.40	3.50	7.88	0.05	45213.30	3.60	11.71	0.09	-11.62	0.63	19.41	0.05
45553.40	4.60	8.09	0.03	45442.50	1.40	11.95	0.05	-12.27	0.06	18.07	0.14
45779.90	3.50	7.98	0.02	45664.30	1.80	11.81	0.07	-12.14	0.17	19.05	0.07
46006.50	2.70	7.84	0.04	45888.30	1.60	11.42	0.04	-13.73	0.13	20.07	0.14
46234.30	2.20	7.98	0.03	46111.90	1.60	11.65	0.06	-14.49	0.10	19.52	0.07
46442.40	4.00	7.99	0.03	46334.40	2.50	11.44	0.07	-14.19	0.33	22.20	0.09
46672.60	5.10	8.07	0.02	46572.50	1.50	11.96	0.05	-14.33	0.21	23.81	0.20
46900.90	3.00	8.04	0.02	46793.60	2.40	11.62	0.07	-13.70	0.14	19.82	0.07
47127.30	7.80	8.20	0.04	47019.30	1.80	11.79	0.06	-15.44	0.13	22.73	0.08
47357.10	2.20	7.93	0.02	47246.10	1.00	11.37	0.04	-12.67	0.04	21.50	0.08
47583.10	2.00	7.91	0.02	47471.80	2.20	11.56	0.07	-17.51	0.33	21.82	0.06
47817.40	4.80	8.00	0.02	47708.20	1.30	11.85	0.05	-12.25	0.10	19.39	0.22
48047.40	2.30	8.02	0.03	47931.60	1.30	11.70	0.05	-10.54	0.05	16.84	0.07
48253.30	4.00	8.12	0.03	48158.40	0.80	11.67	0.05	-14.17	0.19	27.39	0.08
48494.90	5.60	8.22	0.02	48373.90	1.40	10.85	0.04	-12.86	0.07	18.13	0.12
48717.50	1.80	8.15	0.02	48593.10	2.40	11.48	0.12	-9.96	0.57	20.56	0.05
48938.90	3.90	8.11	0.04	48817.20	1.20	11.45	0.04	-11.04	0.07	19.17	0.11
49169.10	1.80	8.00	0.02	49042.00	1.40	11.54	0.04	-13.63	0.06	18.48	0.06
49389.10	2.20	7.96	0.02	49272.90	2.10	11.49	0.06	-18.25	0.42	21.81	0.06
49605.30	4.00	8.12	0.02	49505.00	2.40	11.60	0.04	-10.53	0.08	18.04	0.24
49831.70	4.80	8.22	0.02	49717.60	1.40	11.45	0.06	-13.57	0.10	20.11	0.04
50055.60	3.20	8.03	0.03	49939.30	1.50	11.24	0.04	-17.47	0.28	19.56	0.07
50278.50	2.30	8.04	0.02	50164.30	1.50	11.68	0.05	-13.72	0.07	19.44	0.06

S UMa (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
50500.30	5.60	8.09	0.02	50393.20	1.30	11.55	0.05	-14.91	0.20	17.95	0.06
50730.50	2.40	8.14	0.01	50607.50	1.00	11.49	0.05	-14.66	0.09	25.15	0.20
—	—	—	—	50835.20	1.50	10.94	0.10	—	—	—	—

R Lep

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24189.50	16.50	7.28	0.05	—	—	—	—	-69.59	5.76	67.21	5.86
—	—	—	—	24426.70	4.60	10.02	0.07	—	—	—	—
25074.20	8.20	7.86	0.10	24817.60	14.40	9.96	0.08	-57.53	3.98	49.35	2.95
25490.20	13.30	7.06	0.06	25294.40	15.40	9.72	0.06	—	—	44.69	2.49
25926.90	9.70	6.91	0.07	25725.70	7.00	9.22	0.11	—	—	—	—
26349.80	7.10	6.97	0.04	26108.50	9.20	8.32	0.10	—	—	—	—
26843.90	16.20	7.08	0.08	—	—	—	—	—	—	—	—
27261.20	10.90	7.43	0.15	27011.40	22.90	9.16	0.13	—	—	51.26	2.68
27647.00	12.40	7.26	0.08	27450.20	9.90	9.62	0.06	—	—	62.72	1.96
28125.70	6.10	7.07	0.04	—	—	—	—	-51.44	12.40	42.96	1.75
28573.10	12.40	7.55	0.05	28373.60	55.70	9.09	0.14	—	—	—	—
—	—	—	—	29248.90	12.30	9.56	0.07	—	—	—	—
32581.60	8.90	7.50	0.06	—	—	—	—	-34.20	2.35	—	—
34795.20	13.40	8.80	0.05	—	—	—	—	—	—	—	—
—	—	—	—	34985.00	18.00	10.42	0.08	—	—	—	—
39500.30	6.30	7.51	0.07	—	—	—	—	-34.85	5.09	20.94	2.78
39970.90	19.80	6.71	0.16	—	—	—	—	-20.33	1.05	—	—
40780.10	18.30	7.53	0.19	—	—	—	—	—	—	22.18	1.01
41194.60	14.80	7.39	0.09	40974.80	7.90	9.54	0.08	—	—	39.71	1.08
41638.00	17.00	7.10	0.06	41448.50	23.90	9.30	0.15	-34.59	8.05	—	—
42103.10	10.20	7.35	0.05	41863.50	14.60	9.08	0.12	—	—	—	—
42975.30	10.60	6.87	0.20	—	—	—	—	—	—	—	—
43399.40	19.30	7.32	0.12	43178.70	14.40	9.42	0.08	—	—	34.97	1.20
43826.10	6.20	6.47	0.04	43642.30	11.40	9.09	0.16	-36.12	6.07	44.43	1.36
44254.20	7.00	6.56	0.06	—	—	—	—	—	—	—	—
44703.40	18.40	6.93	0.07	—	—	—	—	—	—	—	—
45090.90	9.20	7.18	0.08	44851.80	4.70	9.32	0.08	—	—	—	—
45533.20	8.00	6.88	0.10	45329.40	5.90	9.20	0.07	—	—	—	—
45993.40	9.90	7.04	0.05	45772.20	14.70	9.35	0.10	—	—	19.10	1.13
46417.40	5.70	7.22	0.04	46212.60	5.30	9.53	0.14	—	—	—	—
46892.30	15.10	7.66	0.07	46651.90	18.30	9.43	0.12	—	—	—	—
47266.70	20.40	8.54	0.08	47019.90	7.70	9.76	0.13	—	—	—	—
47715.60	7.50	7.75	0.13	47511.40	6.70	10.02	0.06	—	—	—	—
48184.30	7.60	7.82	0.05	47982.00	42.70	9.88	0.06	-23.30	3.02	47.69	1.03
48628.90	6.30	7.88	0.04	48428.30	8.10	10.09	0.13	-33.17	1.63	—	—
49115.70	12.20	8.32	0.15	—	—	—	—	—	—	—	—
49467.00	23.30	9.29	0.09	—	—	—	—	—	—	—	—
49946.00	14.20	9.41	0.12	49720.90	7.60	11.17	0.05	—	—	—	—
50370.90	25.70	8.91	0.07	50145.80	0.60	11.57	0.15	—	—	—	—
50838.40	11.70	8.23	0.04	—	—	—	—	—	—	—	—

R Lyn

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23225.86	3.19	7.37	0.23	—	—	—	—	-11.24	1.20	25.05	0.48
23597.95	0.67	7.79	0.15	—	—	—	—	—	—	27.66	0.82
23956.79	2.06	7.45	0.08	—	—	—	—	-12.49	0.21	31.08	0.21
24364.06	0.21	7.41	0.10	24196.07	0.89	13.95	0.09	-14.84	0.33	23.64	0.14
24727.33	0.00	7.46	0.08	24548.82	3.06	13.77	0.14	-15.41	1.64	27.94	0.13
25106.72	4.94	8.41	0.10	24933.60	0.98	14.12	0.09	-18.55	0.25	21.84	0.34
25492.32	1.69	8.30	0.06	25313.62	2.38	13.57	0.13	-25.04	0.28	29.41	0.17
25860.73	0.70	8.05	0.07	25691.13	1.98	13.70	0.13	-17.33	0.49	36.58	0.20
26245.75	0.54	8.17	0.05	26081.21	1.32	13.66	0.13	-33.24	0.41	29.29	0.31
26616.61	0.63	7.75	0.07	—	—	—	—	—	—	27.30	0.22
27007.81	1.30	8.29	0.08	—	—	—	—	—	—	28.59	0.17
27380.86	1.91	8.04	0.09	—	—	—	—	—	—	34.34	0.32
27761.40	0.83	7.60	0.07	—	—	—	—	—	—	27.77	0.18
28140.41	1.08	8.17	0.08	—	—	—	—	-23.83	0.68	30.75	0.30
28518.20	1.62	7.94	0.07	—	—	—	—	-16.18	0.48	27.46	0.15
28899.92	4.19	7.69	0.12	—	—	—	—	-10.81	0.35	24.70	0.13
29281.59	0.98	8.10	0.06	—	—	—	—	-17.76	1.83	29.80	0.22
29640.07	3.34	7.63	0.09	—	—	—	—	—	—	—	—
30399.63	10.50	8.28	0.39	—	—	—	—	—	—	—	—
32664.83	1.90	7.58	0.13	—	—	—	—	—	—	22.26	1.38
33033.16	0.14	7.64	0.13	—	—	—	—	—	—	—	—
37984.24	3.22	7.51	0.15	—	—	—	—	—	—	—	—
38366.77	5.72	8.43	0.16	—	—	—	—	—	—	—	—
39490.21	0.88	8.17	0.11	—	—	—	—	-25.38	1.62	31.98	0.47
39852.48	0.00	7.66	0.08	—	—	—	—	-13.03	0.31	33.63	0.39
40233.26	14.51	8.17	0.31	—	—	—	—	-15.26	0.91	—	—
40621.07	2.22	8.51	0.14	40451.73	1.79	13.76	0.16	-18.93	0.95	—	—
40975.01	2.18	8.19	0.09	—	—	—	—	-18.59	1.30	—	—
41370.16	8.28	8.89	0.20	—	—	—	—	-13.82	1.34	29.76	0.46
41754.81	2.19	8.75	0.07	41575.48	5.87	14.57	0.37	-10.71	1.63	23.07	0.26
42136.59	3.99	8.57	0.10	—	—	—	—	-13.67	2.03	—	—
42516.88	0.64	8.43	0.04	42359.50	0.90	13.88	0.17	-13.10	1.08	—	—
42895.27	1.09	7.93	0.08	—	—	—	—	-12.47	1.27	—	—
43273.80	0.62	8.83	0.07	—	—	—	—	-16.41	0.93	37.41	1.36
43634.51	1.48	7.68	0.10	—	—	—	—	—	—	28.69	0.70
44039.09	2.12	9.04	0.15	—	—	—	—	—	—	—	—
44411.94	2.16	8.50	0.16	—	—	—	—	-18.40	0.35	—	—
—	—	—	—	44620.68	1.17	13.57	0.12	—	—	—	—
45178.25	1.56	8.83	0.10	45010.91	0.50	14.19	0.10	-25.91	0.40	32.54	0.41
—	—	—	—	45390.22	0.31	14.16	0.06	—	—	—	—
—	—	—	—	45758.08	1.87	13.83	0.11	—	—	—	—
46303.54	1.86	8.10	0.13	46124.35	2.82	13.77	0.13	-22.95	0.68	28.21	0.12
46689.91	0.64	7.62	0.14	46515.51	1.74	14.12	0.11	-20.92	0.39	30.14	0.10
47067.77	1.71	8.41	0.07	46902.30	0.87	14.00	0.10	-21.78	0.85	36.26	0.31
47437.63	1.13	8.04	0.05	—	—	—	—	—	—	29.39	0.12
47845.40	1.95	8.45	0.10	—	—	—	—	—	—	28.95	0.10
48207.73	1.59	7.45	0.11	—	—	—	—	—	—	26.26	0.11
48584.54	0.99	7.69	0.11	—	—	—	—	-21.98	0.52	31.96	0.45
48969.20	0.77	7.65	0.08	—	—	—	—	-22.18	0.47	26.72	0.28
49346.33	0.02	7.26	0.08	—	—	—	—	-16.08	1.01	24.95	0.15
49726.88	1.26	8.33	0.06	—	—	—	—	—	—	31.54	0.17
50094.93	1.43	7.63	0.08	49942.74	0.19	13.43	0.13	-13.93	0.44	24.95	0.10
50488.99	1.88	9.03	0.11	—	—	—	—	-24.38	3.83	34.79	0.41
50854.29	1.08	8.51	0.04	50694.43	1.07	14.30	0.13	-16.58	0.45	31.92	0.23

X Oph

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
—	—	—	—	23660.01	3.11	8.96	0.31	—	—	—	—
—	—	—	—	23998.17	1.53	8.78	0.03	—	—	—	—
24488.94	1.73	6.68	0.05	24299.61	6.61	8.68	0.09	-29.49	0.48	26.38	19.15
24825.46	1.55	6.74	0.06	24658.42	1.75	8.53	0.03	-28.39	0.76	56.12	0.74
25161.18	1.69	6.80	0.06	24997.64	5.22	8.75	0.07	-20.59	0.33	43.59	0.64
25502.07	1.45	6.79	0.04	25288.62	6.97	8.79	0.04	-22.74	0.28	44.40	0.46
25844.27	0.82	6.63	0.02	25672.53	1.16	8.51	0.03	-106.49	8.75	39.67	0.47
26171.58	1.66	7.09	0.08	26000.26	3.43	8.72	0.09	-38.11	1.49	29.42	0.55
26491.89	2.83	6.93	0.14	26322.34	2.03	8.64	0.05	-50.81	1.17	31.89	0.54
26824.05	6.71	7.01	0.07	26645.07	2.32	8.45	0.03	-102.55	2.80	50.42	2.29
—	—	—	—	26988.75	6.00	8.69	0.34	—	—	—	—
27493.80	4.53	7.19	0.08	27319.86	3.14	8.57	0.16	-115.72	5.40	91.38	3.80
27841.36	6.61	7.17	0.12	27658.53	4.90	8.69	0.06	-84.48	4.26	47.02	17.21
28173.37	1.00	7.22	0.06	27979.16	3.51	8.63	0.19	-61.39	1.64	109.92	8.02
28500.70	4.28	7.00	0.12	28329.56	5.55	8.49	0.06	-85.29	2.13	68.37	6.25
28810.36	1.63	6.77	0.21	28642.13	3.23	8.43	0.04	-11.96	3.48	34.56	1.75
29138.42	2.05	7.31	0.06	28976.28	7.70	8.52	0.12	-63.50	1.63	72.64	1.44
29464.72	2.80	7.15	0.06	29289.29	1.49	8.58	0.05	-60.29	4.93	64.39	0.70
29793.40	6.53	6.89	0.14	29625.87	5.36	8.64	0.26	-53.28	5.10	55.99	1.56
32787.80	2.76	6.90	0.30	—	—	—	—	-41.84	1.36	50.68	1.74
33128.36	4.29	6.87	0.17	—	—	—	—	-18.55	5.19	32.37	0.80
33457.74	3.40	7.09	0.12	—	—	—	—	-39.65	1.65	36.57	0.75
33788.16	7.75	6.84	0.15	—	—	—	—	—	—	40.26	3.17
36136.96	0.89	7.15	0.03	—	—	—	—	-54.30	1.09	32.96	0.89
36464.38	3.29	7.21	0.20	—	—	—	—	-35.49	1.08	40.80	6.69
36790.32	5.26	7.20	0.14	—	—	—	—	-32.30	1.87	63.33	1.94
37150.45	2.45	7.06	0.06	—	—	—	—	—	—	—	—
37498.47	6.55	6.85	0.13	—	—	—	—	—	—	—	—
38173.55	10.26	7.11	0.16	37977.74	15.35	8.98	0.33	-97.57	6.68	46.35	2.87
—	—	—	—	38304.55	3.39	8.90	0.06	—	—	—	—
39475.60	2.28	7.41	0.07	39325.04	22.80	8.76	0.10	-60.13	2.37	40.39	3.75
39809.87	7.38	7.23	0.14	39622.62	12.06	8.89	0.12	-69.70	2.87	59.04	2.38
40128.99	3.64	7.18	0.08	39953.87	3.06	8.68	0.05	-54.86	2.04	27.41	2.95
40463.00	3.23	7.10	0.08	—	—	—	—	-53.20	1.74	167.07	11.40
40795.39	2.62	7.04	0.08	—	—	—	—	-49.98	1.07	43.67	0.57
41141.14	4.45	7.23	0.14	—	—	—	—	-57.19	1.98	53.41	0.85
41463.45	3.15	7.02	0.04	—	—	—	—	-49.80	1.68	76.89	1.04
—	—	—	—	42270.29	2.70	8.74	0.03	—	—	—	—
42763.98	10.93	7.34	0.19	42610.54	5.48	8.76	0.09	-78.58	1.03	107.02	6.58
43095.47	3.83	7.12	0.13	42934.53	5.50	8.67	0.06	-70.48	0.95	—	—
43417.07	3.10	7.04	0.04	43241.64	1.65	8.45	0.05	-79.36	0.84	80.34	1.18
43761.58	2.77	7.27	0.03	43582.52	6.12	8.57	0.29	-67.62	1.93	68.46	0.58
44066.80	4.94	7.38	0.19	—	—	—	—	-89.86	9.42	55.89	1.31
44400.89	4.08	7.24	0.05	44206.09	11.48	8.53	0.13	-101.59	5.23	36.21	5.78
44735.42	2.36	7.43	0.04	44551.37	4.42	8.57	0.06	-136.04	3.25	60.97	0.71
45068.66	4.90	7.13	0.07	—	—	—	—	-88.02	2.48	18.08	3.93
45399.29	6.38	7.17	0.06	45229.67	5.77	8.63	0.16	-96.13	2.67	76.54	1.04
45715.12	8.33	7.21	0.13	45577.18	3.99	9.10	0.07	-54.57	2.72	86.06	2.78
46048.99	8.80	6.97	0.12	45904.87	3.46	8.68	0.20	-45.47	0.86	79.50	3.43
46391.23	4.20	7.10	0.08	46222.67	3.25	8.54	0.04	-55.54	0.60	83.61	2.58
46723.48	2.12	7.03	0.06	46564.20	2.29	8.54	0.03	-7.34	3.14	65.98	0.76
47059.77	1.19	6.81	0.11	46878.35	1.07	8.58	0.03	-15.90	1.88	39.65	0.29
47396.71	0.00	7.19	0.02	47222.06	0.74	8.83	0.04	-76.39	0.66	66.96	0.54
47727.44	1.45	7.13	0.03	47552.62	1.20	8.55	0.03	-47.46	0.65	37.02	0.93
48059.07	1.89	6.90	0.04	47879.06	0.99	8.67	0.03	-55.70	1.04	35.04	0.23

X Oph (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
48387.09	1.93	6.91	0.04	48226.52	1.48	8.71	0.04	-30.48	0.68	37.09	2.42
48728.64	0.70	6.87	0.04	48540.03	1.12	8.71	0.02	-45.95	1.31	60.92	2.62
49071.94	3.45	7.05	0.08	48902.90	1.60	8.82	0.02	-66.84	1.48	56.85	7.21
49416.61	2.89	7.15	0.07	49233.95	1.39	8.96	0.02	-96.00	17.04	56.98	1.02
49749.44	2.98	6.97	0.05	49561.78	1.38	8.73	0.02	-110.75	4.36	41.31	13.26
50086.92	1.91	6.89	0.18	49914.31	0.84	8.67	0.01	-45.16	0.56	41.47	0.68
50413.57	3.04	6.76	0.08	50241.64	1.11	8.80	0.02	-57.33	0.22	57.56	0.92
—	—	—	—	50586.08	1.36	8.64	0.02	—	—	—	—

R UMa

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
22957.52	2.80	6.88	0.13	—	—	—	—	—	—	19.56	0.50
23270.55	1.06	7.70	0.06	23142.08	0.62	13.31	0.12	-9.33	0.18	20.00	0.17
23571.09	0.93	7.72	0.07	23455.12	0.37	14.16	0.17	-9.03	0.18	21.77	0.20
23874.44	0.55	7.26	0.19	23739.99	1.71	12.93	0.15	-9.58	0.21	23.34	0.08
24157.30	0.35	6.91	0.04	24036.47	1.38	12.49	0.05	-8.90	0.10	22.82	0.07
24458.51	1.05	7.60	0.07	24339.61	3.56	12.76	0.08	-7.31	0.06	22.27	0.17
24763.45	0.58	7.79	0.10	24639.91	0.63	13.63	0.08	-9.44	0.14	27.36	0.23
25059.89	0.48	6.78	0.04	24933.96	6.44	12.18	0.13	-7.08	0.28	25.58	0.10
25365.58	0.94	7.95	0.05	25241.30	1.63	12.96	0.11	-16.16	0.08	22.41	0.10
25665.73	0.61	7.36	0.16	25533.98	0.97	13.19	0.09	-8.88	0.08	18.61	0.09
25966.09	1.11	8.16	0.78	25838.83	1.68	13.21	0.08	-6.83	0.34	26.31	0.27
26258.57	0.48	7.46	0.13	26139.58	0.52	13.71	0.15	-9.86	0.11	30.47	0.14
26568.32	2.07	7.80	0.09	26456.31	1.53	13.26	0.13	-10.22	0.13	21.55	0.35
26855.78	0.88	7.30	0.07	—	—	—	—	-10.24	0.24	25.16	0.21
27154.56	1.37	7.07	0.07	27040.39	0.46	12.75	0.09	-11.82	0.31	24.74	0.28
27459.51	0.84	7.04	0.06	27351.64	1.00	12.69	0.13	-9.84	0.21	25.84	0.25
27754.46	0.76	7.90	0.06	27637.48	1.11	12.83	0.18	-16.13	0.48	30.97	0.23
28062.51	0.81	7.22	0.06	27934.28	0.98	12.79	0.08	-10.25	0.35	28.78	0.25
28373.86	1.06	7.53	0.06	28259.85	0.50	13.06	0.11	-11.09	0.15	28.00	0.10
28675.42	1.03	7.57	0.07	28548.69	1.58	12.63	0.09	-11.54	0.09	18.62	0.33
28986.82	0.75	7.14	0.05	28880.70	0.31	13.33	0.14	-11.05	0.07	21.62	0.10
29279.54	0.79	7.44	0.07	29152.42	0.56	12.91	0.08	-8.43	0.09	16.58	0.21
29588.33	1.32	7.86	0.12	29454.35	1.19	12.96	0.08	-14.23	0.43	21.96	0.27
29881.77	0.84	7.47	0.08	29762.37	1.12	13.35	0.20	-7.12	0.19	26.64	0.72
30479.30	0.33	7.37	0.09	—	—	—	—	-9.90	0.44	—	—
30800.92	2.10	7.03	0.10	—	—	—	—	—	—	23.58	0.17
31101.61	3.61	8.14	0.11	—	—	—	—	—	—	31.91	0.26
32333.41	3.09	7.77	0.13	—	—	—	—	—	—	—	—
32622.44	0.62	6.69	0.07	—	—	—	—	-9.05	0.12	24.65	0.19
32939.67	1.49	7.82	0.08	—	—	—	—	—	—	18.00	0.58
33842.59	1.65	8.03	0.12	—	—	—	—	—	—	—	—
34145.42	1.45	7.35	0.50	—	—	—	—	-9.05	0.60	20.68	0.28
34757.51	1.91	7.99	0.19	—	—	—	—	—	—	—	—
35648.74	1.45	7.02	0.13	—	—	—	—	—	—	—	—
36259.16	1.52	7.89	0.33	—	—	—	—	—	—	—	—
36864.78	1.19	6.61	0.15	—	—	—	—	—	—	—	—

R UMa (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
37165.85	1.30	7.21	0.36	—	—	—	—	-7.30	0.83	22.96	0.33
37453.99	0.31	6.94	0.07	37333.23	0.55	12.54	0.06	-14.22	0.09	29.73	0.63
37777.18	0.77	7.78	0.07	37681.18	0.65	13.02	0.10	-8.47	0.12	21.86	0.23
38085.96	1.96	7.69	0.12	37963.21	0.85	13.97	0.29	-8.31	0.21	24.74	0.64
38385.64	10.17	7.24	0.37	—	—	—	—	—	—	20.55	0.19
—	—	—	—	38548.60	1.81	12.98	0.13	—	—	—	—
38985.31	3.93	7.79	0.20	38876.05	7.92	13.18	0.50	—	—	24.53	1.14
39288.73	1.72	7.02	0.09	39181.42	0.49	12.89	0.13	-8.96	0.12	20.83	0.20
39585.44	1.31	7.39	0.10	39482.66	0.42	13.10	0.10	-6.33	0.14	16.33	0.11
39886.45	0.99	6.90	0.08	39740.14	0.95	13.11	0.12	-6.77	0.12	20.61	0.05
40184.98	0.92	8.10	0.45	40063.00	0.60	13.45	0.12	—	—	21.76	0.08
40491.23	1.54	8.10	0.57	—	—	—	—	-8.60	0.19	17.63	0.28
40787.84	0.63	6.91	0.07	40663.86	0.62	13.68	0.10	-6.90	0.10	20.13	0.14
41103.31	1.51	8.05	0.09	40992.24	0.38	14.12	0.12	-7.25	0.09	18.14	0.08
41399.40	0.80	7.58	0.05	41268.64	0.36	14.37	0.09	-9.59	0.04	22.40	0.08
41699.62	1.03	7.31	0.26	41572.47	0.28	13.25	0.08	-9.76	0.07	22.11	0.03
41994.26	1.03	7.65	0.09	41874.81	0.50	13.26	0.05	-8.93	0.24	28.13	0.09
42297.86	1.46	7.31	0.08	42170.62	0.36	12.95	0.06	-11.92	0.11	23.71	0.13
42585.88	0.44	7.12	0.05	42476.93	0.59	12.91	0.09	-6.71	0.06	26.78	0.11
42902.79	0.38	7.48	0.04	42784.21	0.60	13.09	0.09	-7.46	0.08	18.77	0.10
43202.44	0.65	7.53	0.05	43078.57	0.57	13.14	0.10	-9.06	0.12	21.42	0.07
43496.80	0.72	6.75	0.25	43366.81	0.37	12.90	0.08	-9.27	0.17	22.44	0.03
43800.04	1.37	7.77	0.10	43680.72	0.47	13.38	0.06	-7.33	0.15	19.78	0.12
44100.10	1.13	7.72	0.08	43979.19	0.51	13.84	0.08	-9.86	0.11	27.58	0.31
44399.41	0.57	7.33	0.04	44296.82	0.30	13.04	0.07	-8.80	0.03	24.19	0.07
44695.83	0.51	6.84	0.04	44584.98	0.15	13.28	0.07	-8.61	0.03	20.33	0.06
45001.35	0.85	7.63	0.07	44880.79	0.35	13.11	0.08	-10.97	0.08	19.50	0.05
45293.69	0.61	7.57	0.16	45173.06	1.77	13.00	0.04	-9.65	0.33	30.73	0.07
45593.60	0.64	6.82	0.04	45468.81	0.22	12.58	0.04	-12.27	0.07	24.26	0.07
45899.07	0.28	7.71	0.02	45780.53	0.25	12.83	0.03	-12.50	0.05	22.69	0.12
46193.12	0.68	7.70	0.04	46065.73	0.39	13.12	0.07	-11.91	0.06	24.38	0.03
46494.73	0.46	7.18	0.04	46382.13	0.21	13.85	0.08	-7.36	0.03	22.05	0.04
46799.10	0.47	7.28	0.04	46679.88	0.36	13.44	0.06	-6.58	0.05	26.31	0.02
47088.84	0.44	7.07	0.09	46978.27	0.25	12.94	0.04	-9.26	0.03	31.00	0.03
47394.25	0.36	7.13	0.03	47281.27	0.19	12.38	0.02	-8.98	0.10	29.68	0.03
47699.65	0.51	7.00	0.03	47582.48	1.49	12.63	0.09	-9.37	0.08	23.55	0.05
47999.71	0.32	7.43	0.03	47880.18	0.35	13.06	0.05	-8.30	0.02	23.11	0.05
48296.61	0.28	7.32	0.03	48181.89	0.25	13.21	0.07	-10.34	0.04	26.98	0.03
48610.36	0.98	7.04	0.05	48472.42	1.22	12.41	0.07	-16.13	0.06	19.59	0.04
48913.41	0.76	7.68	0.21	48790.21	0.72	13.02	0.03	-8.44	0.05	20.75	0.08
49198.32	0.41	7.47	0.04	49079.54	0.50	13.08	0.03	-7.52	0.06	25.20	0.13
49492.03	0.29	6.50	0.03	49371.17	0.26	12.63	0.04	-9.95	0.03	21.87	0.03
49791.09	0.29	7.11	0.07	49688.31	0.17	13.44	0.06	-7.70	0.03	22.71	0.02
50105.89	0.89	7.85	0.05	49986.01	0.35	13.74	0.06	-7.71	0.12	24.76	0.03
50385.74	0.30	7.00	0.04	50273.76	0.37	13.07	0.04	-6.69	0.06	21.73	0.06
50691.03	0.34	6.99	0.03	50580.74	0.18	13.11	0.04	-7.62	0.03	24.05	0.08

W Peg

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24113.28	0.92	8.51	0.16	—	—	—	—	—	—	—	—
24454.34	1.70	8.62	0.07	—	—	—	—	-39.35	2.23	—	—
24795.82	2.78	8.30	0.08	—	—	—	—	-17.31	0.99	—	—
25143.87	1.56	8.38	0.07	—	—	—	—	-12.32	3.29	—	—
25485.36	3.03	8.60	0.07	25314.42	8.68	12.35	0.24	-18.50	3.31	46.66	2.82
25840.25	1.87	8.94	0.07	25619.51	0.31	12.90	0.14	-40.42	2.05	—	—
—	—	—	—	25991.41	6.33	12.24	0.21	—	—	—	—
—	—	—	—	26296.70	0.00	10.85	0.10	—	—	—	—
26568.56	1.54	9.48	0.07	—	—	—	—	—	—	—	—
—	—	—	—	26686.40	1.43	12.07	0.05	—	—	—	—
—	—	—	—	27021.82	8.88	11.89	0.19	—	—	—	—
27529.40	10.63	8.21	0.26	27366.18	0.89	12.00	0.05	-20.74	0.56	—	—
27868.88	9.36	8.55	0.33	27709.14	4.17	12.09	0.13	-31.86	0.47	—	—
28200.38	1.27	8.33	0.10	28055.80	2.74	12.16	0.10	-27.52	0.45	—	—
28546.58	3.22	8.74	0.04	28394.56	5.24	11.98	0.13	-39.17	0.83	—	—
28837.73	0.76	9.13	0.07	—	—	—	—	—	—	—	—
29242.67	0.00	7.97	0.04	—	—	—	—	-31.33	1.10	—	—
29584.86	1.49	8.63	0.07	—	—	—	—	-41.32	3.60	—	—
29930.45	3.48	9.03	0.16	—	—	—	—	-11.81	2.15	—	—
30267.94	2.95	8.35	0.10	—	—	—	—	-22.58	5.80	62.29	3.38
30616.38	1.71	8.23	0.05	—	—	—	—	—	—	35.01	0.75
37253.29	0.19	8.24	0.11	—	—	—	—	—	—	—	—
39684.52	2.84	8.32	1.01	—	—	—	—	-18.57	6.59	—	—
40037.92	16.07	8.69	0.19	—	—	—	—	—	—	37.75	0.32
40391.85	2.82	8.42	0.15	40205.44	0.11	12.37	0.08	-21.85	0.99	—	—
—	—	—	—	41256.46	4.35	12.28	0.07	—	—	—	—
—	—	—	—	41599.79	1.64	12.33	0.06	—	—	—	—
—	—	—	—	41940.91	4.41	12.73	0.11	—	—	—	—
42799.01	0.12	7.93	0.13	—	—	—	—	-17.15	1.52	—	—
43144.22	8.42	8.16	0.20	42997.36	10.05	12.83	0.41	-15.25	0.56	—	—
43491.65	0.00	8.00	0.07	43347.54	0.33	12.46	0.13	-27.45	0.28	—	—
43857.81	0.00	7.96	0.06	—	—	—	—	-26.99	0.33	—	—
44196.85	2.17	8.54	0.07	44012.03	0.66	13.03	0.11	-19.36	0.28	—	—
44527.21	0.02	7.34	0.04	—	—	—	—	-13.27	0.31	—	—
44871.99	0.89	8.36	0.05	—	—	—	—	-16.90	1.50	36.83	0.18
45234.04	2.10	8.49	0.07	—	—	—	—	-36.65	0.43	—	—
45581.72	1.24	8.71	0.06	—	—	—	—	-19.37	0.34	—	—
45932.77	1.76	8.58	0.07	—	—	—	—	-16.14	0.80	—	—
46262.45	2.61	8.23	0.17	46101.34	5.83	12.27	0.24	—	—	39.16	0.13
46604.59	0.32	7.62	0.08	46453.86	1.31	12.04	0.04	-9.07	3.10	37.34	0.10
46959.01	3.07	8.43	0.09	46810.18	3.67	12.24	0.16	—	—	36.60	0.22
47308.26	4.09	8.07	0.18	47143.92	1.63	12.59	0.08	—	—	—	—
47642.94	4.72	8.89	0.10	47485.70	3.42	12.68	0.10	-15.72	0.86	—	—
48001.73	1.03	8.34	0.63	47817.44	3.22	12.63	0.09	-21.68	0.50	—	—
48346.34	2.52	8.68	0.12	48169.15	2.42	12.56	0.08	-29.11	0.31	—	—
48696.71	0.46	7.97	0.15	48510.31	1.93	12.64	0.08	-19.24	2.80	—	—
—	—	—	—	48859.88	0.99	12.27	0.07	—	—	—	—
49371.97	5.59	8.01	0.17	49186.16	3.66	12.51	0.15	-34.67	0.14	—	—
49704.21	1.18	8.21	0.06	49526.75	5.26	12.55	0.08	-26.04	0.29	—	—
50045.04	0.92	8.53	0.05	49867.00	2.58	12.63	0.10	-23.99	0.54	—	—
50373.71	0.47	8.02	0.04	—	—	—	—	-22.75	0.72	36.60	1.10
50704.25	0.00	8.46	0.09	—	—	—	—	—	—	—	—

Y Per (interval of the Mira–type variability)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
23470.75	6.03	8.63	0.12	—	—	—	—	—	—	—	—
23746.29	3.10	8.54	0.07	—	—	—	—	-39.21	5.27	23.28	0.65
24036.90	0.39	8.29	0.08	—	—	—	—	-45.18	4.25	36.64	0.41
24278.27	5.45	8.84	0.15	24130.30	1.05	10.43	0.06	-62.26	6.19	—	—
24493.50	0.00	8.73	0.08	24389.11	2.22	10.53	0.09	-39.16	1.50	50.84	3.09
24767.13	0.36	8.59	0.07	—	—	—	—	—	—	61.25	3.95
24987.11	0.04	8.73	0.08	24935.99	0.92	9.98	0.09	-22.50	2.78	—	—
25267.82	11.02	8.70	0.15	25176.67	1.47	10.20	0.07	-40.32	3.87	17.44	3.46
25512.50	3.76	8.90	0.07	—	—	—	—	—	—	37.59	1.10
25773.56	11.60	8.89	0.19	25653.35	1.98	10.88	0.14	-19.86	2.35	52.25	15.47
26038.88	12.10	8.60	0.11	25928.71	0.36	9.90	0.07	-41.03	4.65	—	—
26305.62	2.10	8.90	0.09	26149.74	6.66	10.41	0.48	—	—	—	—
—	—	—	—	26682.43	0.00	10.82	0.16	—	—	—	—
27070.00	0.00	8.59	0.08	—	—	—	—	-69.27	1.30	33.39	1.54
27351.22	1.49	9.15	0.05	—	—	—	—	—	—	20.63	2.46
27519.90	0.00	9.01	0.12	27440.77	0.12	11.38	0.13	-29.36	1.39	—	—
27820.43	2.38	8.80	0.06	—	—	—	—	-48.68	1.62	37.87	4.67
28117.78	0.23	8.02	0.21	—	—	—	—	—	—	—	—
28330.57	2.18	9.19	0.09	28189.56	5.49	10.36	0.12	—	—	—	—
28581.63	1.25	8.61	0.13	28455.05	1.57	10.21	0.04	—	—	—	—
28856.88	3.24	9.05	0.05	—	—	—	—	—	—	36.38	1.25
29112.00	0.99	8.83	0.03	28963.32	0.00	10.74	0.06	—	—	34.78	0.58
29359.19	2.02	9.03	0.04	29224.20	1.51	10.65	0.05	-51.65	2.22	—	—
29613.31	8.30	9.06	0.07	29486.22	2.89	10.41	0.05	—	—	63.51	2.50
29869.10	1.92	8.83	0.05	29729.30	0.00	10.19	0.07	—	—	—	—
—	—	—	—	29985.11	2.54	10.04	0.07	—	—	—	—
30366.03	2.74	8.91	0.08	—	—	—	—	—	—	42.96	2.64
31135.55	3.75	8.95	0.08	—	—	—	—	—	—	—	—
32615.64	24.61	8.90	0.21	32515.22	6.42	9.94	0.07	—	—	—	—
33424.03	1.05	8.84	0.11	33282.93	6.73	10.15	0.09	-52.03	2.84	53.82	2.51
33660.62	6.73	9.09	0.10	33527.24	1.43	10.16	0.07	-103.45	7.57	—	—
34678.78	4.35	8.24	0.09	—	—	—	—	—	—	—	—
34925.12	2.61	8.93	0.15	34748.88	0.03	9.98	0.10	—	—	—	—
—	—	—	—	35056.85	4.03	10.81	0.11	—	—	—	—
35454.77	0.33	8.60	0.05	—	—	—	—	-65.10	4.39	50.55	1.52
—	—	—	—	35811.22	0.42	10.83	0.10	—	—	—	—
36190.70	2.46	8.70	0.06	—	—	—	—	—	—	39.00	1.89
—	—	—	—	36578.45	1.89	10.37	0.07	—	—	—	—
36944.65	4.32	8.41	0.09	—	—	—	—	-19.28	1.94	30.51	1.93
37225.93	0.05	8.41	0.15	—	—	—	—	—	—	—	—
—	—	—	—	37348.08	0.75	10.54	0.06	—	—	—	—
37724.83	0.06	8.33	0.08	37600.26	5.79	10.41	0.15	—	—	—	—
37976.38	1.94	8.31	0.10	—	—	—	—	-32.11	5.96	37.64	0.38
38441.55	0.00	8.41	0.20	38350.26	5.59	10.62	0.18	-23.38	1.80	—	—
38741.42	0.86	8.16	0.10	—	—	—	—	-42.27	2.99	32.02	0.67
39244.48	3.09	9.02	0.11	39113.69	4.39	10.72	0.13	-27.01	0.99	—	—
39496.79	2.87	8.15	0.15	39371.81	1.74	10.72	0.10	-33.36	1.94	19.99	2.14
39768.95	0.00	8.44	0.22	—	—	—	—	—	—	30.71	0.49
40017.28	0.80	8.35	0.22	39874.89	5.03	11.01	0.13	-27.02	0.87	—	—
40236.70	4.67	8.34	0.09	40123.44	0.00	11.30	0.11	-20.38	0.72	42.76	2.18
40485.70	4.54	8.43	0.11	—	—	—	—	-23.44	0.93	44.11	1.71
—	—	—	—	40625.20	0.00	10.58	0.11	—	—	—	—
41017.77	0.57	8.32	0.05	40847.13	0.24	10.60	0.10	-50.18	0.65	23.03	1.35
41259.11	0.00	8.48	0.06	41124.74	1.37	10.51	0.15	-22.17	3.26	31.96	0.59
41523.31	0.53	8.44	0.11	41370.07	18.73	10.28	0.14	—	—	24.92	0.40

Y Per (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
41785.85	0.02	8.57	0.08	41623.94	0.85	10.57	0.06	—	—	—	—
42022.52	0.82	8.58	0.11	41883.93	2.38	10.25	0.08	-76.09	1.69	33.02	0.22
42496.18	8.02	8.71	0.14	42388.18	1.67	10.66	0.08	-22.77	0.39	—	—
42747.17	1.46	8.62	0.03	42643.75	0.00	10.65	0.17	-24.47	0.43	34.14	0.44
43007.89	0.00	8.53	0.14	42873.38	0.12	10.78	0.11	—	—	44.76	0.44
43223.72	2.83	8.66	0.09	43124.17	1.47	10.50	0.06	-26.20	0.58	—	—
43505.86	1.42	8.29	0.07	—	—	—	—	-28.09	0.72	22.45	0.41
43765.69	4.91	8.79	0.15	43602.86	0.48	11.00	0.09	—	—	28.75	0.25
43993.51	15.54	9.09	0.19	43853.01	0.19	10.68	0.04	-43.94	0.67	—	—
44263.03	4.17	8.49	0.10	44128.66	0.00	10.38	0.10	-28.44	0.52	23.96	0.46
44499.87	3.31	8.55	0.04	—	—	—	—	—	—	37.30	0.28
44689.70	0.08	8.64	0.08	44624.46	1.08	10.48	0.06	-20.80	1.00	—	—
45001.67	2.47	8.56	0.08	44868.23	3.76	10.17	0.10	-42.37	0.66	23.39	1.49
45263.12	0.44	8.59	0.07	45099.17	7.51	10.18	0.34	—	—	30.91	0.27
—	—	—	—	45357.33	1.87	10.78	0.07	—	—	—	—
45724.84	1.79	8.76	0.03	45605.05	3.12	10.44	0.09	-21.27	0.56	14.26	1.80
45964.41	8.01	8.77	0.12	—	—	—	—	—	—	49.19	0.52
—	—	—	—	46084.55	3.32	10.24	0.08	—	—	—	—
46493.49	0.78	8.80	0.06	46334.35	3.53	10.44	0.09	-26.69	0.42	21.29	1.56
46738.88	0.39	8.61	0.05	—	—	—	—	—	—	30.95	0.22
46981.26	0.04	8.58	0.07	46835.70	1.00	10.74	0.05	-35.39	0.70	30.77	0.63
47164.26	0.88	8.82	0.04	47089.16	1.62	10.56	0.07	-21.54	0.31	—	—
47480.35	8.21	8.96	0.07	47344.55	0.00	10.49	0.09	-51.71	0.92	29.83	0.62
—	—	—	—	47612.97	6.07	9.94	0.04	—	—	—	—

Y Per (interval of the SR–type variability)

Max				Min			
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}
47823.50	0.00	9.45	0.06	—	—	—	—
47946.39	1.20	8.88	0.03	47860.82	2.58	9.72	0.06
48199.15	0.00	8.84	0.03	—	—	—	—
48508.49	5.36	9.41	0.05	—	—	—	—
48662.69	2.52	8.91	0.04	48555.17	0.00	9.63	0.08
48921.24	5.52	8.99	0.07	48808.05	0.00	9.85	0.11
49181.20	0.00	8.86	0.07	48996.08	2.17	9.51	0.04
49322.21	0.00	9.12	0.06	49262.69	2.18	10.01	0.06
49435.94	1.82	8.69	0.09	49378.66	2.43	9.60	0.06
49572.90	0.00	9.33	0.04	—	—	—	—
—	—	—	—	49613.21	2.16	9.60	0.03
49813.54	1.96	9.43	0.02	49757.47	1.81	9.88	0.03
49928.14	2.74	9.05	0.04	49855.85	0.00	9.70	0.05
50191.22	0.22	9.17	0.03	50022.48	0.00	10.25	0.02
50409.99	1.51	9.08	0.02	50267.08	1.42	10.17	0.03
50652.46	12.88	9.11	0.09	50544.36	0.06	10.16	0.04
50853.04	2.06	9.19	0.04	50783.20	0.86	10.10	0.04
51107.51	0.26	8.59	0.09	51029.74	5.58	9.90	0.08

T UMi

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
22966.65	0.40	9.19	0.10	22812.06	1.34	13.71	0.08	-20.22	0.58	22.93	0.39
23266.65	2.78	9.04	0.29	23133.65	1.45	13.43	0.08	-13.35	1.50	14.27	0.33
23586.93	1.59	9.01	0.09	23448.73	0.88	13.70	0.08	-15.41	0.72	27.32	1.06
23900.22	0.30	9.03	0.08	23756.35	0.65	13.55	0.04	-21.31	0.28	15.93	0.71
24213.51	1.03	9.53	0.08	24073.11	0.74	14.61	0.11	-11.44	0.35	22.66	0.70
24539.02	0.48	9.15	0.09	24393.91	0.66	14.77	0.08	-11.93	0.14	21.06	0.32
24855.17	0.64	8.82	0.06	24706.60	0.84	14.05	0.08	-14.76	0.22	18.94	0.76
25174.74	1.93	9.03	0.08	—	—	—	—	-13.19	0.22	20.67	0.32
25174.75	1.84	9.03	0.08	—	—	—	—	-13.19	0.22	20.67	0.32
25483.43	0.34	9.19	0.06	25347.54	1.22	14.17	0.13	-15.31	0.24	28.00	0.77
25803.46	0.70	8.69	0.08	25656.80	0.58	14.14	0.05	-18.19	0.22	18.91	0.31
26110.06	0.83	8.94	0.11	—	—	—	—	-8.69	0.27	17.27	0.65
26430.04	0.44	8.34	0.07	26281.40	3.62	13.80	0.11	-20.17	0.47	21.80	0.19
26756.02	0.05	9.06	0.08	—	—	—	—	-19.24	0.56	18.72	0.21
27071.53	0.12	9.21	0.06	—	—	—	—	-17.99	0.30	23.12	0.35
27388.72	0.27	9.23	0.09	—	—	—	—	-11.69	0.42	22.33	0.51
27700.30	0.95	8.71	0.09	—	—	—	—	-9.80	0.44	19.48	0.16
28018.87	0.88	9.26	0.08	—	—	—	—	-12.22	0.15	19.78	0.46
28332.91	0.74	9.04	0.30	—	—	—	—	-12.78	0.44	20.08	0.98
28639.47	0.12	10.17	0.10	—	—	—	—	-13.76	1.73	29.45	6.53
28956.82	1.11	9.54	0.07	28812.35	2.02	14.66	0.18	-13.96	0.18	21.72	0.30
29266.24	1.26	8.82	0.08	—	—	—	—	-11.26	0.18	20.99	0.21
29577.90	0.37	8.81	0.09	—	—	—	—	-10.40	0.23	22.00	0.67
29890.90	0.00	9.12	0.20	—	—	—	—	-15.10	1.32	—	—
30518.55	2.29	9.26	0.08	—	—	—	—	—	—	26.66	0.47
30832.34	2.08	9.78	0.08	—	—	—	—	—	—	16.96	1.50
36720.55	1.05	9.51	0.07	—	—	—	—	-14.15	1.17	—	—
37034.13	0.21	8.89	0.04	—	—	—	—	—	—	19.85	0.21
37351.85	4.83	9.08	1.41	37193.82	1.35	14.39	0.08	-19.14	1.28	23.26	0.90
—	—	—	—	37515.74	6.43	14.26	0.15	—	—	—	—
38017.12	0.08	10.01	0.11	37826.56	2.52	14.03	0.18	-18.49	0.50	—	—
38917.56	1.53	9.10	0.25	—	—	—	—	-15.33	1.17	—	—
39233.69	0.25	9.00	0.14	39069.65	3.80	14.09	0.28	-17.16	0.76	15.28	0.55
39546.47	1.02	7.76	0.15	—	—	—	—	-15.00	1.32	15.04	0.17
39867.45	2.51	8.58	0.18	39727.17	0.90	14.37	0.13	-14.08	0.32	33.04	18.71
40175.70	0.74	8.78	0.20	40047.27	1.02	14.44	0.12	-12.74	0.87	18.81	34.67
40496.19	0.04	9.63	0.10	40362.16	1.63	14.57	0.08	-17.36	1.14	34.04	1.20
40811.90	0.88	8.95	0.25	40675.18	1.92	14.59	0.12	-19.94	1.08	25.77	0.79
41135.66	0.23	8.87	0.13	40995.91	4.30	14.46	0.14	-20.71	1.18	12.06	0.87
41453.17	3.78	9.23	0.82	41310.06	1.62	14.37	0.12	-18.72	2.96	24.34	1.74
41773.23	1.65	9.52	0.16	41617.96	1.81	14.19	0.10	-20.34	0.76	15.67	0.86
42072.65	0.00	8.39	0.17	—	—	—	—	-9.90	0.46	15.52	0.85
42701.78	0.08	8.93	0.07	—	—	—	—	-17.67	0.68	20.69	0.32
43020.72	1.88	8.72	0.12	42875.24	2.29	14.31	0.12	-17.28	0.43	—	—
43336.90	3.33	9.41	0.18	—	—	—	—	-14.41	0.40	23.24	1.20
43652.56	1.15	9.09	0.08	43499.08	2.41	13.57	0.14	-14.81	0.51	8.17	1.34
43948.92	5.21	8.90	0.09	43804.71	3.07	13.61	0.26	-18.54	229.55	10.23	0.81
44263.36	1.87	9.02	0.12	—	—	—	—	-8.01	0.46	19.36	0.24
44565.76	5.39	8.87	0.25	—	—	—	—	-13.91	0.40	49.11	2.79
44875.96	2.13	9.34	0.14	—	—	—	—	-16.45	1.38	28.98	261.96
45167.19	1.19	9.47	0.12	—	—	—	—	-15.99	21.62	18.77	1.24
45167.22	1.22	9.47	0.12	—	—	—	—	-15.99	21.62	18.77	1.24
45469.19	0.63	9.10	0.11	45321.98	1.31	13.95	0.10	-21.14	1.29	23.11	0.31
45757.44	2.00	9.29	0.12	45620.52	2.13	14.49	0.12	-14.76	3.15	24.79	0.31
46063.61	0.00	9.15	0.17	—	—	—	—	-19.23	1.28	23.68	1.68

T UMi (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
46353.32	0.69	9.49	0.11	46211.42	1.46	14.23	0.13	-26.85	5.04	24.76	0.40
46644.04	1.66	9.29	0.13	46490.25	3.23	14.10	0.19	-15.45	1.10	15.33	30.03
46929.88	0.67	9.22	0.09	46780.73	3.73	14.46	0.20	-24.92	0.54	15.24	4.19
47213.67	0.53	8.60	0.10	—	—	—	—	-16.80	0.93	12.60	7.37
47500.39	1.95	10.00	0.17	47363.55	0.71	14.32	0.05	—	—	23.34	0.75
47785.87	0.91	9.20	0.10	47639.54	0.78	14.40	0.05	-22.22	0.48	15.63	0.41
48062.43	2.84	9.72	0.17	47921.75	5.98	14.64	0.26	-14.52	0.81	19.19	0.29
48344.11	1.05	9.25	0.15	—	—	—	—	-20.52	0.95	16.19	0.46
48621.60	10.85	9.09	0.92	—	—	—	—	—	—	17.18	0.84
48894.93	0.00	9.58	0.11	48761.99	6.35	14.55	0.25	-28.17	3.55	25.21	0.73
49169.19	1.04	9.04	0.11	—	—	—	—	-27.31	3.22	13.47	2.15
49429.51	0.66	9.54	0.12	—	—	—	—	—	—	21.36	0.46
49716.41	2.11	9.85	0.10	—	—	—	—	-14.03	2.09	16.39	0.79
49972.66	0.39	9.45	0.06	—	—	—	—	-30.70	3.67	9.76	0.67
49973.05	0.55	9.49	0.07	—	—	—	—	-30.70	3.67	9.76	0.67
50227.96	1.03	9.47	0.06	50088.21	0.20	14.04	0.13	-24.68	2.82	19.80	0.15
50493.15	0.66	9.43	0.05	50361.44	0.70	14.15	0.06	-26.72	0.39	16.40	0.17
50748.68	3.84	9.72	0.12	50612.87	0.67	13.70	0.07	-16.95	1.06	15.60	0.34
—	—	—	—	50876.78	2.63	13.85	0.10	—	—	—	—

V CrB

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
24422.80	6.90	7.27	0.05	24277.80	7.50	10.34	0.10	-22.78	1.83	62.73	2.15
24769.10	2.20	6.95	0.02	24626.20	5.50	9.77	0.08	-22.97	0.86	38.81	0.75
25142.00	4.40	7.84	0.06	24983.20	7.90	11.01	0.08	-29.18	0.60	41.60	0.47
25512.50	6.70	7.83	0.05	25343.00	5.90	11.48	0.08	-16.00	0.56	41.85	1.21
25864.60	3.60	7.53	0.03	25709.70	9.30	10.59	0.14	-20.50	1.26	68.64	1.05
26221.80	2.40	6.90	0.03	26066.10	8.00	10.33	0.10	-24.27	0.83	—	—
26582.60	12.60	7.59	0.12	—	—	—	—	—	—	—	—
26960.40	16.40	7.53	0.05	—	—	—	—	—	—	—	—
27324.30	7.10	7.43	0.03	—	—	—	—	-29.48	0.57	53.72	2.02
27696.90	6.50	7.40	0.05	27536.50	7.20	10.57	0.16	-22.27	1.00	52.15	2.11
28051.50	5.20	7.64	0.04	27896.20	6.10	10.33	0.07	-23.53	0.82	61.21	4.34
28398.10	5.30	7.29	0.05	28250.10	6.40	10.12	0.06	-25.94	0.52	42.08	3.04
28754.50	4.40	7.43	0.06	28611.90	5.10	10.44	0.08	-17.75	0.90	63.18	3.07
29116.30	4.00	7.10	0.07	28954.30	3.20	10.39	0.08	-19.13	0.53	25.27	6.59
29476.80	7.10	7.57	0.09	—	—	—	—	-18.75	1.66	42.99	1.98
29851.50	7.30	7.68	0.07	29695.60	11.10	10.84	0.10	-27.45	0.66	—	—
30196.10	6.80	7.20	0.10	—	—	—	—	—	—	40.36	4.35
30547.20	10.50	8.26	0.08	—	—	—	—	-17.46	1.28	51.71	1.38
30918.00	4.50	7.85	0.05	—	—	—	—	-26.93	0.79	63.37	2.66
31196.10	0.30	8.08	0.20	—	—	—	—	—	—	48.46	2.03
32332.10	11.70	8.31	0.10	—	—	—	—	—	—	—	—
32693.70	5.80	8.43	0.05	—	—	—	—	-20.81	1.74	41.94	0.39
33051.20	9.50	8.59	0.05	—	—	—	—	—	—	30.97	1.18
33741.50	21.30	8.74	0.08	—	—	—	—	—	—	—	—
34108.90	25.00	8.55	0.14	—	—	—	—	—	—	—	—
34848.30	7.50	9.01	0.12	34727.00	7.20	11.27	0.17	-33.36	0.66	—	—
36350.40	1.70	7.43	0.16	—	—	—	—	—	—	—	—
37723.40	15.50	8.03	0.22	—	—	—	—	—	—	29.59	1.44

V CrB (continued)

Max				Min				asc. branch		desc. branch	
T	σ_T	mag	σ_{mag}	T	σ_T	mag	σ_{mag}	dt/dm	$\sigma_{(dt/dm)}$	dt/dm	$\sigma_{(dt/dm)}$
38069.40	11.50	7.70	0.12	37929.30	18.90	11.46	0.15	-12.36	1.91	—	—
38439.30	13.90	7.91	0.12	—	—	—	—	—	—	—	—
39520.30	13.90	8.73	0.08	—	—	—	—	—	—	36.52	0.50
39870.60	12.00	8.99	0.09	39703.90	5.10	11.74	0.08	—	—	36.89	0.66
40223.00	23.70	9.51	0.08	40074.00	10.60	12.20	0.14	—	—	45.83	1.58
40570.70	19.30	9.12	0.18	40418.70	10.10	12.02	0.06	—	—	50.47	1.25
40918.60	9.80	9.54	0.07	40755.40	25.10	11.57	0.09	—	—	44.53	2.91
41291.20	9.10	9.35	0.13	41145.90	11.80	11.99	0.09	-18.77	0.92	56.15	1.30
41648.50	9.30	9.14	0.12	41488.00	10.50	11.78	0.09	-44.67	1.42	51.36	1.15
42021.10	12.60	9.26	0.12	41858.10	7.60	11.87	0.09	—	—	64.65	1.18
42363.00	6.60	8.17	0.14	42204.40	7.50	11.53	0.07	-35.99	0.32	36.49	0.80
42736.00	9.70	9.03	0.15	42564.20	10.30	11.88	0.10	-28.78	1.58	44.55	0.64
43082.70	7.80	8.04	0.11	42924.10	9.30	11.56	0.09	-12.83	0.67	42.60	0.44
43437.00	5.50	8.34	0.10	43279.00	4.60	11.59	0.05	-14.08	0.61	—	—
43777.80	6.00	7.63	0.07	43621.40	13.50	10.53	0.09	-20.18	0.73	56.12	0.56
44132.00	4.10	7.86	0.05	43981.80	4.70	10.85	0.06	-21.99	0.31	53.55	0.74
44495.80	4.00	7.78	0.05	44339.30	4.50	10.95	0.06	-26.63	0.23	51.99	0.52
44856.40	4.40	7.93	0.05	44697.80	4.80	10.88	0.06	-26.26	0.33	56.30	0.83
45201.30	2.50	7.19	0.03	45038.70	6.40	10.55	0.06	-24.86	0.24	35.69	0.21
45575.80	3.30	8.39	0.04	45420.30	6.70	11.51	0.07	-20.15	0.35	47.15	0.53
45927.40	3.70	8.19	0.04	45769.00	5.20	11.50	0.07	-20.72	0.44	49.56	0.79
46277.20	3.20	7.80	0.04	46121.90	5.60	11.13	0.08	-20.93	0.36	31.65	0.50
46643.20	4.10	8.95	0.05	46489.10	5.40	11.84	0.08	-17.81	0.30	47.67	0.55
46996.30	4.00	8.65	0.04	46839.50	7.10	11.65	0.08	-20.95	0.29	37.19	0.54
47347.90	3.00	8.43	0.03	47192.60	6.10	11.53	0.10	-16.93	0.18	38.09	0.22
47700.60	3.00	8.49	0.03	47542.40	4.60	11.66	0.06	-17.32	0.23	43.23	0.24
48061.40	3.00	8.51	0.04	47912.20	4.30	11.55	0.07	-19.11	0.16	34.59	0.23
48412.40	3.70	8.28	0.04	48256.40	7.50	11.63	0.10	-13.08	0.49	41.54	0.32
48770.80	2.80	8.32	0.03	48625.20	4.80	11.50	0.08	-20.24	0.37	33.59	0.17
49137.80	2.90	9.35	0.04	48991.20	5.10	12.14	0.07	-25.58	0.42	38.39	0.36
49499.20	2.80	8.80	0.04	49351.50	3.80	12.35	0.13	-13.23	0.25	43.92	0.15
49859.70	2.60	8.80	0.03	49707.80	4.20	12.00	0.07	-17.49	0.24	38.67	0.15
50214.30	3.60	8.43	0.03	50067.00	8.10	11.32	0.08	-26.79	0.39	53.81	0.19
50580.60	4.20	8.08	0.04	50434.60	5.90	11.02	0.08	-20.31	0.30	34.40	0.15
50961.20	4.80	8.59	0.04	50798.40	4.90	11.46	0.08	-30.28	0.29	35.64	0.42

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Method of determination of the extrema: "A" – "asymptotic parabolae" (Marsakova and Andronov, 1996), "R" – "running parabolae" (Andronov, 1997).