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THE GEOS RR Lyr SURVEY

Fifteenth list of maxima of RR Lyr stars observed by the automated telescopes TAROT

(GEOS Circular RR 51)

LE BORGNE, J. F.[1,2,3]; KLOTZ, A.[2,3,4]; BOËR, M.[5]

[1] GEOS (Groupe Européen d'Observations Stellaires), 23 Parc de Levesville, 28300 Bailleau l'Evêque, France

[2] Université de Toulouse; UPS-OMP; IRAP; Toulouse, France

[3] CNRS; IRAP; 14, avenue Edouard Belin, F-31400 Toulouse, France

[4] Observatoire de Haute-Provence, Saint Michel l'Observatoire, France

[5] Artémis, CNRS, Observatoire de la Côte d'Azur, Université de Nice Sophia Antipolis, Nice, France

We present here the fifteenth list of light maxima of RR Lyrae stars from the GEOS RR Lyr Survey (Le Borgne et al. 2007), a GEOS program (`http://geos.webs.upv.es/`, Boninsegna et al., 2002) of observations of RR Lyr stars using the automatic telescopes TAROT (`http://tarot.obs-hp.fr`, Klotz et al., 2009). The present list contains 2157 maxima (Table 1) observed between January and December 2012 and 2 older maxima recovered from Tarot image archive. A description of the present list may be found in the former lists (for example Le Borgne et al. 2008). The data are also available in the GEOS RR Lyr web database (`http://rr-lyr.ast.obs-mip.fr/dbrr/dbrr-V1.0_0.php`). The $O-C$'s are computed with recent GCVS elements (Samus et al., 2011) when available. Otherwise, the reference of the elements, if exists, is given as a footnote of Table 1. It concerns 281 stars of RRab type and 2 of RRc type (NU And and V1028 Oph). Large $O-C$ values are observed for some stars for which there is a need to update elements.

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Table 1: maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
SW And	56137.465±0.002	0.003	5431	C	DM And	56204.524±0.004	0.146	4575	C
SW And	56140.560±0.001	0.003	5438	C	DR And	56136.544±0.002	−0.078	6244	C
SW And	56141.445±0.002	0.003	5440	C	DR And	56140.482±0.003	−0.082	6251	C
SW And	56160.462±0.002	0.002	5483	C	DR And	56153.410±0.003	−0.106	6274	C
SW And	56164.442±0.001	0.003	5492	C	DR And	56154.545±0.003	−0.097	6276	C
SW And	56167.539±0.001	0.003	5499	C	DR And	56163.569±0.002	−0.084	6292	C
SW And	56168.421±0.002	0.001	5501	C	DR And	56198.482±0.005	−0.085	6354	C
SW And	56178.599±0.003	0.007	5524	C	DR And	56210.293±0.004	−0.099	6375	C
SW And	56182.572±0.002	−0.001	5533	C	DR And	56219.314±0.004	−0.088	6391	C
SW And	56186.555±0.002	0.002	5542	C	DR And	56239.600±0.002	−0.075	6427	C
SW And	56195.400±0.003	0.002	5562	C	DR And	56247.482±0.001	−0.077	6441	C
SW And	56205.572±0.002	0.002	5585	C	DR And	56250.295±0.002	−0.079	6446	C
SW And	56210.437±0.001	0.002	5596	C	DR And	56264.356±0.005	−0.097	6471	C
SW And	56216.629±0.002	0.002	5610	C	DR And	56265.474±0.004	−0.105	6473	C
SW And	56264.393±0.002	0.002	5718	C	NU And	56247.475±0.010	0.085	56121	C
SW And	56265.277±0.002	0.002	5720	C	NU And	56250.307±0.011	0.096	56130	C
XX And	56139.468±0.005	0.005	3427	C	NU And	56264.394±0.010	0.073	56175	C
XX And	56152.474±0.002	0.001	3445	C	NX And	56139.456±0.005	0.009	27001	C
XX And	56160.427±0.003	0.004	3456	C	NX And	56152.417±0.003	0.009	27021	C
XX And	56162.592±0.002	0.001	3459	C	NX And	56214.622±0.003	0.002	27117	C
XX And	56168.381±0.003	0.007	3467	C	WY Ant	55991.670±0.003	0.006	13043	LS
XX And	56170.546±0.003	0.004	3470	C	WY Ant	56018.668±0.002	0.010	13090	LS
XX And	56181.387±0.004	0.004	3485	C	WY Ant	56026.713±0.004	0.015	13104	LS
XX And	56188.611±0.002	0.000	3495	C	WY Ant	56056.575±0.005	0.011	13156	LS
XX And	56214.630±0.003	0.000	3531	C	BK Ant	55972.673±0.003	0.015	5492	LS
XX And	56244.264±0.002	0.001	3572	C	BK Ant	55973.710±0.005	0.019	5494	LS
XX And	56288.354±0.002	0.003	3633	C	BK Ant	55974.739±0.003	0.015	5496	LS
XX And	56293.414±0.002	0.004	3640	C	BK Ant	55991.792±0.005	0.021	5529	LS
AT And	56123.445±0.005	0.015	4597	C	BK Ant	56001.598±0.002	0.012	5548	LS
AT And	56126.530±0.004	0.015	4602	C	BK Ant	56002.638±0.003	0.019	5550	LS
AT And	56134.550±0.004	0.015	4615	C	BK Ant	56047.580±0.003	0.019	5637	LS
AT And	56142.569±0.004	0.014	4628	C	BK Ant	56286.750±0.004	0.017	6100	LS
AT And	56168.477±0.003	0.012	4670	C	BN Ant	55934.776±0.002	0.090	5772	LS
AT And	56178.357±0.006	0.021	4686	C	BN Ant	55964.788±0.002	0.092	5828	LS
AT And	56179.580±0.007	0.011	4688	C	BN Ant	55992.655±0.002	0.092	5880	LS
AT And	56195.617±0.003	0.008	4714	C	BN Ant	56291.704±0.002	0.108	6438	LS
AT And	56197.471±0.003	0.011	4717	C	BN Ant	56292.775±0.002	0.108	6440	LS
AT And	56234.489±0.003	0.014	4777	C	TY Aps	55979.695±0.005	0.056	32397	LS
AT And	56247.435±0.003	0.005	4798	C	TY Aps	55981.700±0.002	0.054	32401	LS
AT And	56249.298±0.005	0.017	4801	C	TY Aps	55982.706±0.002	0.057	32403	LS
AT And	56252.376±0.004	0.011	4806	C	TY Aps	55990.732±0.002	0.056	32419	LS
AT And	56263.483±0.005	0.013	4824	C	TY Aps	55994.742±0.002	0.052	32427	LS
AT And	56265.333±0.005	0.013	4827	C	TY Aps	55996.754±0.002	0.057	32431	LS
CI And	56161.575±0.001	−0.011	9737	C	TY Aps	56000.768±0.002	0.058	32439	LS
CI And	56162.546±0.002	−0.011	9739	C	TY Aps	56022.833±0.002	0.048	32483	LS
CI And	56163.514±0.001	−0.012	9741	C	TY Aps	56024.836±0.001	0.044	32487	LS
CI And	56167.392±0.002	−0.011	9749	C	TY Aps	56029.853±0.002	0.044	32497	LS
CI And	56182.418±0.002	−0.012	9780	C	TY Aps	56078.527±0.002	0.054	32594	LS
CI And	56193.568±0.002	−0.011	9803	C	TY Aps	56079.532±0.002	0.056	32596	LS
CI And	56208.593±0.002	−0.012	9834	C	TY Aps	56108.632±0.002	0.057	32654	LS
CI And	56234.293±0.005	−0.003	9887	C	VX Aps	55997.715±0.002	−0.167	44902	LS
CI And	56263.380±0.002	0.001	9947	C	VX Aps	55998.685±0.002	−0.167	44904	LS
CI And	56264.349±0.002	0.000	9949	C	VX Aps	56008.859±0.002	−0.169	44925	LS
CI And	56280.340±0.002	−0.005	9982	C	VX Aps	56023.880±0.002	−0.170	44956	LS
CI And	56291.491±0.002	−0.003	10005	C	VX Aps	56025.816±0.002	−0.172	44960	LS
CI And	56293.428±0.001	−0.004	10009	C	VX Aps	56026.782±0.005	−0.175	44962	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
VX Aps	56039.868±0.001	−0.173	44989	LS	EX Aps	56172.635±0.002	0.017	59854	LS
VX Aps	56055.863±0.002	−0.169	45022	LS	EX Aps	56182.543±0.001	0.018	59875	LS
VX Aps	56056.833±0.001	−0.168	45024	LS	EX Aps	56198.583±0.001	0.017	59909	LS
VX Aps	56057.803±0.001	−0.167	45026	LS	EX Aps	56199.527±0.002	0.018	59911	LS
VX Aps	56070.893±0.002	−0.161	45053	LS	SW Aqr	56120.550±0.001	0.023	7019	C
VX Aps	56082.528±0.002	−0.156	45077	LS	SW Aqr	56121.468±0.002	0.023	7021	C
VX Aps	56105.798±0.002	−0.145	45125	LS	SW Aqr	56148.567±0.002	0.023	7080	C
VX Aps	56110.646±0.002	−0.143	45135	LS	SW Aqr	56160.510±0.002	0.024	7106	C
VX Aps	56129.549±0.002	−0.138	45174	LS	SW Aqr	56161.428±0.002	0.024	7108	C
VX Aps	56160.567±0.002	−0.134	45238	LS	SW Aqr	56177.503±0.002	0.023	7143	C
VX Aps	56161.534±0.002	−0.136	45240	LS	SW Aqr	56181.636±0.001	0.022	7152	LS
XZ Aps	55982.731±0.002	−0.110	46418	LS	SW Aqr	56206.439±0.001	0.023	7206	C
XZ Aps	55986.842±0.002	−0.111	46425	LS	SW Aqr	56219.299±0.002	0.023	7234	C
XZ Aps	55989.779±0.002	−0.112	46430	LS	SX Aqr	56109.766±0.002	−0.003	4157	LS
XZ Aps	55996.824±0.001	−0.116	46442	LS	SX Aqr	56120.478±0.001	−0.006	4177	C
XZ Aps	55999.764±0.002	−0.113	46447	LS	SX Aqr	56124.763±0.002	−0.006	4185	LS
XZ Aps	56013.857±0.002	−0.118	46471	LS	SX Aqr	56128.514±0.001	−0.005	4192	C
XZ Aps	56022.669±0.002	−0.118	46486	LS	SX Aqr	56131.728±0.002	−0.005	4198	LS
XZ Aps	56023.841±0.002	−0.121	46488	LS	SX Aqr	56135.479±0.002	−0.004	4205	C
XZ Aps	56038.525±0.002	−0.123	46513	LS	SX Aqr	56138.695±0.002	−0.003	4211	LS
XZ Aps	56048.505±0.002	−0.129	46530	LS	SX Aqr	56146.729±0.002	−0.004	4226	LS
XZ Aps	56049.681±0.002	−0.128	46532	LS	SX Aqr	56149.408±0.001	−0.003	4231	C
XZ Aps	56050.853±0.002	−0.130	46534	LS	SX Aqr	56150.478±0.002	−0.005	4233	C
XZ Aps	56055.553±0.002	−0.130	46542	LS	SX Aqr	56160.657±0.002	−0.004	4252	LS
XZ Aps	56109.583±0.002	−0.144	46634	LS	SX Aqr	56175.656±0.002	−0.005	4280	LS
XZ Aps	56110.757±0.002	−0.145	46636	LS	SX Aqr	56186.372±0.002	−0.003	4300	C
XZ Aps	56113.692±0.001	−0.147	46641	LS	SX Aqr	56187.443±0.003	−0.004	4302	C
XZ Aps	56146.580±0.002	−0.156	46697	LS	SX Aqr	56189.586±0.001	−0.004	4306	LS
BS Aps	55998.834±0.003	0.027	31892	LS	SX Aqr	56230.299±0.002	−0.005	4382	C
BS Aps	56011.639±0.003	0.016	31914	LS	TZ Aqr	56120.723±0.002	0.021	5599	LS
BS Aps	56022.710±0.003	0.018	31933	LS	TZ Aqr	56129.864±0.002	0.023	5615	LS
BS Aps	56026.795±0.006	0.025	31940	LS	TZ Aqr	56147.569±0.003	0.021	5646	C
BS Aps	56053.590±0.003	0.023	31986	LS	TZ Aqr	56148.715±0.003	0.024	5648	LS
BS Aps	56054.751±0.004	0.019	31988	LS	TZ Aqr	56150.428±0.002	0.024	5651	C
BS Aps	56082.715±0.005	0.020	32036	LS	TZ Aqr	56159.568±0.002	0.025	5667	C
BS Aps	56083.878±0.002	0.018	32038	LS	TZ Aqr	56160.708±0.003	0.022	5669	LS
BS Aps	56086.791±0.003	0.018	32043	LS	TZ Aqr	56182.413±0.003	0.022	5707	C
BS Aps	56110.676±0.002	0.018	32084	LS	TZ Aqr	56192.694±0.003	0.022	5725	LS
BS Aps	56120.573±0.002	0.012	32101	LS	WZ Aqr	56103.767±0.002	−0.027	5244	LS
BS Aps	56135.730±0.004	0.022	32127	LS	WZ Aqr	56109.695±0.002	−0.030	5256	LS
BS Aps	56138.645±0.004	0.025	32132	LS	WZ Aqr	56149.737±0.003	−0.024	5337	LS
BS Aps	56169.504±0.003	0.008	32185	LS	YZ Aqr	56102.783±0.002	0.004	5827	LS
EX Aps	56009.867±0.001	0.020	59509	LS	YZ Aqr	56108.850±0.002	−0.000	5838	LS
EX Aps	56020.714±0.002	0.017	59532	LS	YZ Aqr	56124.864±0.002	0.008	5867	LS
EX Aps	56054.686±0.003	0.019	59604	LS	YZ Aqr	56164.598±0.002	0.002	5939	LS
EX Aps	56059.874±0.002	0.017	59615	LS	YZ Aqr	56165.699±0.003	−0.000	5941	LS
EX Aps	56084.881±0.002	0.018	59668	LS	AA Aqr	56101.826±0.002	−0.022	4142	LS
EX Aps	56099.506±0.002	0.018	59699	LS	AA Aqr	56126.792±0.002	−0.021	4183	LS
EX Aps	56101.864±0.002	0.017	59704	LS	AA Aqr	56134.706±0.002	−0.023	4196	LS
EX Aps	56109.886±0.002	0.018	59721	LS	AA Aqr	56162.713±0.002	−0.024	4242	LS
EX Aps	56113.659±0.001	0.017	59729	LS	AA Aqr	56165.758±0.002	−0.023	4247	LS
EX Aps	56124.511±0.002	0.017	59752	LS	BN Aqr	56103.818±0.001	0.411	6819	LS
EX Aps	56139.614±0.004	0.023	59784	LS	BN Aqr	56110.865±0.002	0.413	6834	LS
EX Aps	56148.573±0.001	0.017	59803	LS	BN Aqr	56136.694±0.002	0.410	6889	LS
EX Aps	56149.515±0.003	0.016	59805	LS	BN Aqr	56147.498±0.002	0.411	6912	C
EX Aps	56171.691±0.002	0.017	59852	LS	BN Aqr	56149.848±0.002	0.412	6917	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
BN Aqr	56154.544±0.003	0.411	6927	C	AA Aql	56183.596±0.001	0.039	87997	LS
BN Aqr	56158.771±0.001	0.412	6936	LS	AA Aql	56191.554±0.001	0.038	88019	LS
BN Aqr	56175.676±0.002	0.408	6972	LS	AA Aql	56206.389±0.001	0.039	88060	C
BN Aqr	56182.724±0.001	0.410	6987	LS	V341 Aql	56102.864±0.002	0.041	25789	LS
BN Aqr	56204.333±0.002	0.414	7033	C	V341 Aql	56129.452±0.002	0.040	25835	C
BN Aqr	56206.677±0.004	0.410	7038	LS	V341 Aql	56137.542±0.002	0.038	25849	C
BN Aqr	56219.359±0.002	0.410	7065	C	V341 Aql	56151.419±0.003	0.043	25873	C
BO Aqr	56102.824±0.002	0.024	4582	LS	V341 Aql	56159.509±0.002	0.041	25887	C
BO Aqr	56166.675±0.002	0.024	4674	LS	V341 Aql	56160.662±0.002	0.038	25889	LS
BO Aqr	56184.723±0.002	0.028	4700	LS	V341 Aql	56164.711±0.003	0.040	25896	LS
BR Aqr	56121.860±0.002	0.003	8411	LS	V341 Aql	56192.455±0.002	0.039	25944	C
BR Aqr	56135.833±0.002	0.002	8440	LS	S Ara	55384.566±0.005	−0.049	5798	LS
BR Aqr	56137.758±0.001	−0.000	8444	LS	S Ara	55412.581±0.002	−0.049	5860	LS
BR Aqr	56138.723±0.002	0.001	8446	LS	S Ara	56105.776±0.002	−0.005	7394	LS
BR Aqr	56155.588±0.002	0.001	8481	C	S Ara	56114.813±0.002	−0.005	7414	LS
BR Aqr	56157.518±0.002	0.003	8485	C	S Ara	56115.718±0.002	−0.004	7416	LS
BR Aqr	56163.780±0.001	0.001	8498	LS	S Ara	56147.799±0.002	−0.005	7487	LS
BR Aqr	56178.721±0.002	0.003	8529	LS	IN Ara	56053.789±0.004	0.044	5148	LS
BR Aqr	56181.608±0.002	−0.000	8535	LS	IN Ara	56079.668±0.002	0.032	5189	LS
BR Aqr	56191.729±0.002	0.001	8556	LS	IN Ara	56086.620±0.002	0.037	5200	LS
BR Aqr	56204.741±0.002	0.003	8583	LS	IN Ara	56105.532±0.002	0.005	5230	LS
BR Aqr	56219.679±0.003	0.003	8614	LS	MS Ara	56062.708±0.003	−0.052	5989	LS
BR Aqr	56220.642±0.002	0.002	8616	LS	MS Ara	56086.858±0.003	−0.052	6035	LS
BT Aqr	56183.414±0.003	0.003	8115	C	MS Ara	56101.556±0.004	−0.053	6063	LS
BT Aqr	56192.352±0.001	0.001	8137	C	MS Ara	56116.781±0.002	−0.053	6092	LS
BT Aqr	56205.356±0.002	0.001	8169	C	MS Ara	56145.656±0.003	−0.052	6147	LS
CP Aqr	56100.831±0.002	0.011	8645	LS	MS Ara	56175.583±0.002	−0.049	6204	LS
CP Aqr	56123.535±0.001	0.008	8694	C	X Ari	55951.400±0.002	0.038	4694	C
CP Aqr	56129.558±0.002	0.007	8707	C	X Ari	56182.564±0.003	0.039	5049	C
CP Aqr	56162.461±0.002	0.008	8778	C	X Ari	56193.638±0.003	0.043	5066	C
CP Aqr	56176.362±0.002	0.007	8808	C	X Ari	56195.589±0.001	0.041	5069	C
CP Aqr	56188.410±0.002	0.007	8834	C	X Ari	56197.545±0.002	0.043	5072	C
DN Aqr	56105.802±0.004	−0.005	6425	LS	X Ari	56208.615±0.002	0.044	5089	C
DN Aqr	56131.794±0.005	0.003	6466	LS	X Ari	56210.570±0.002	0.045	5092	C
DN Aqr	56138.762±0.005	−0.001	6477	LS	X Ari	56225.547±0.002	0.045	5115	C
DN Aqr	56192.629±0.004	−0.003	6562	LS	X Ari	56236.613±0.002	0.042	5132	C
DN Aqr	56204.667±0.005	−0.007	6581	LS	X Ari	56246.382±0.002	0.043	5147	C
DN Aqr	56216.704±0.003	−0.011	6600	LS	X Ari	56263.309±0.003	0.040	5173	C
DN Aqr	56230.648±0.006	−0.010	6622	LS	X Ari	56278.287±0.003	0.041	5196	C
OX Aqr	56137.823±0.004	0.081	6041	LS	SY Ari	56226.439±0.003	−0.018	4658	C
OX Aqr	56164.798±0.003	0.081	6092	LS	TZ Aur	55929.462±0.001	0.003	5561	C
OX Aqr	56189.659±0.004	0.084	6139	LS	TZ Aur	55982.336±0.001	0.001	5696	C
OX Aqr	56216.631±0.004	0.081	6190	LS	TZ Aur	56203.634±0.002	0.002	6261	C
OX Aqr	56234.613±0.004	0.080	6224	LS	TZ Aur	56225.568±0.001	0.003	6317	C
AA Aql	56075.784±0.002	0.040	87699	LS	TZ Aur	56230.660±0.001	0.003	6330	C
AA Aql	56104.725±0.002	0.038	87779	LS	TZ Aur	56250.634±0.002	0.001	6381	C
AA Aql	56118.474±0.001	0.039	87817	C	BH Aur	56188.508±0.002	0.005	5335	C
AA Aql	56118.835±0.001	0.038	87818	LS	BH Aur	56192.612±0.001	0.004	5344	C
AA Aql	56122.454±0.001	0.039	87828	C	BH Aur	56197.629±0.002	0.005	5355	C
AA Aql	56126.433±0.001	0.039	87839	C	BH Aur	56198.537±0.003	−0.000	5357	C
AA Aql	56136.564±0.002	0.040	87867	C	BH Aur	56214.504±0.002	0.004	5392	C
AA Aql	56137.647±0.002	0.037	87870	LS	BH Aur	56225.451±0.002	0.005	5416	C
AA Aql	56148.502±0.002	0.039	87900	C	BH Aur	56239.589±0.002	0.003	5447	C
AA Aql	56155.377±0.003	0.040	87919	C	BH Aur	56256.464±0.002	0.004	5484	C
AA Aql	56158.631±0.001	0.038	87928	LS	BH Aur	56278.357±0.002	0.004	5532	C
AA Aql	56161.525±0.002	0.037	87936	C	BH Aur	56279.266±0.002	0.001	5534	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
BH Aur	56292.497±0.002	0.005	5563	C	AH Cam	56195.524±0.002	−0.523	47369	C
RS Boo	55937.679±0.002	−0.010	19710	C	AH Cam	56219.526±0.002	−0.489	47434	C
RS Boo	55945.600±0.002	−0.013	19731	C	AH Cam	56228.341±0.003	−0.524	47458	C
RS Boo	55971.634±0.002	−0.015	19800	C	AH Cam	56229.468±0.004	−0.503	47461	C
RS Boo	55979.559±0.002	−0.014	19821	C	AH Cam	56237.559±0.003	−0.524	47483	C
RS Boo	55987.487±0.002	−0.010	19842	C	AH Cam	56240.527±0.003	−0.506	47491	C
RS Boo	55994.652±0.002	−0.014	19861	C	AH Cam	56249.352±0.003	−0.531	47515	C
RS Boo	55995.408±0.002	−0.014	19863	C	AH Cam	56252.338±0.002	−0.494	47523	C
RS Boo	56016.537±0.002	−0.016	19919	C	AH Cam	56263.403±0.003	−0.491	47553	C
RS Boo	56053.520±0.002	−0.012	20017	C	AH Cam	56292.493±0.002	−0.531	47632	C
RS Boo	56070.499±0.002	−0.013	20062	C	RW Cnc	55996.572±0.001	0.211	30044	C
ST Boo	55995.696±0.004	0.089	12045	C	RW Cnc	56011.354±0.002	0.219	30071	C
ST Boo	56010.626±0.001	0.084	12069	C	RW Cnc	56013.539±0.003	0.215	30075	C
ST Boo	56025.561±0.002	0.084	12093	C	RW Cnc	56252.667±0.002	0.217	30512	C
ST Boo	56038.625±0.002	0.080	12114	C	SS Cnc	55996.536±0.001	0.061	89612	C
ST Boo	56050.444±0.002	0.076	12133	C	SS Cnc	56230.528±0.001	0.059	90249	C
ST Boo	56081.545±0.003	0.062	12183	C	SS Cnc	56248.529±0.001	0.060	90298	C
ST Boo	56101.454±0.002	0.058	12215	C	SS Cnc	56284.529±0.002	0.061	90396	C
SW Boo	56001.437±0.002	0.009	4792	C	TT Cnc	55930.659±0.004	0.106	28372	C
SW Boo	56005.545±0.001	0.008	4800	C	TT Cnc	55950.388±0.002	0.114	28407	C
SW Boo	56017.357±0.002	0.009	4823	C	TT Cnc	55973.495±0.002	0.120	28448	C
SW Boo	56019.413±0.003	0.010	4827	C	TT Cnc	56003.340±0.003	0.102	28501	C
SW Boo	56037.386±0.002	0.009	4862	C	TT Cnc	56279.435±0.005	0.106	28991	C
SW Boo	56058.443±0.002	0.010	4903	C	AN Cnc	55996.336±0.003	0.153	32340	C
SW Boo	56081.551±0.002	0.009	4948	C	AN Cnc	56010.456±0.002	0.151	32366	C
SW Boo	56100.552±0.002	0.008	4985	C	AN Cnc	56245.644±0.004	0.151	32799	C
TW Boo	55966.622±0.003	−0.034	8279	C	AN Cnc	56250.530±0.003	0.149	32808	C
TW Boo	55975.669±0.001	−0.035	8296	C	AQ Cnc	55960.638±0.002	−0.079	41857	C
TW Boo	56054.446±0.002	−0.035	8444	C	AQ Cnc	55969.418±0.002	−0.075	41873	C
TW Boo	56064.558±0.001	−0.036	8463	C	AQ Cnc	55981.480±0.002	−0.080	41895	C
UU Boo	55989.486±0.001	0.004	3278	C	AQ Cnc	55986.419±0.003	−0.078	41904	C
UU Boo	56011.420±0.002	0.005	3326	C	AQ Cnc	55998.486±0.002	−0.079	41926	C
UU Boo	56025.584±0.002	0.003	3357	C	AQ Cnc	56014.391±0.003	−0.081	41955	C
UU Boo	56038.378±0.001	0.004	3385	C	AQ Cnc	56243.675±0.002	−0.078	42373	C
UU Boo	56084.528±0.001	0.003	3486	C	AS Cnc	55995.487±0.001	0.390	27197	C
UU Boo	56100.522±0.002	0.005	3521	C	AS Cnc	56013.395±0.002	0.390	27226	C
XX Boo	55989.616±0.003	−0.111	4307	C	AS Cnc	56026.367±0.002	0.394	27247	C
XX Boo	56014.624±0.003	−0.104	4350	C	AS Cnc	56224.593±0.002	0.396	27568	C
XX Boo	56088.453±0.003	−0.113	4477	C	AS Cnc	56229.534±0.002	0.396	27576	C
CM Boo	55948.668±0.002	−0.009	3425	C	AS Cnc	56245.591±0.003	0.398	27602	C
CM Boo	55981.560±0.002	−0.007	3479	C	EZ Cnc [1]	55996.470±0.007	−0.033	16202	C
CM Boo	56006.529±0.003	−0.010	3520	C	EZ Cnc [1]	56014.474±0.002	−0.040	16235	C
CM Boo	56034.546±0.004	−0.010	3566	C	EZ Cnc [1]	56230.603±0.002	−0.041	16631	C
CM Boo	56036.372±0.002	−0.011	3569	C	EZ Cnc [1]	56248.615±0.002	−0.041	16664	C
CM Boo	56037.593±0.002	−0.008	3571	C	EZ Cnc [1]	56288.461±0.002	−0.037	16737	C
CM Boo	56056.473±0.002	−0.010	3602	C	W CVn	55939.657±0.001	−0.142	62595	C
CM Boo	56059.518±0.002	−0.010	3607	C	W CVn	55949.587±0.002	−0.144	62613	C
U Cae	56266.721±0.003	−0.157	52293	LS	W CVn	55964.489±0.005	−0.140	62640	C
U Cae	56282.679±0.002	−0.151	52331	LS	W CVn	55980.485±0.002	−0.144	62669	C
U Cae	56284.777±0.001	−0.152	52336	LS	W CVn	55985.450±0.001	−0.145	62678	C
U Cae	56285.615±0.002	−0.153	52338	LS	W CVn	55990.418±0.003	−0.143	62687	C
AH Cam	55937.449±0.003	−0.484	46669	C	W CVn	56006.419±0.002	−0.143	62716	C
AH Cam	55947.384±0.003	−0.505	46696	C	W CVn	56070.423±0.004	−0.143	62832	C
AH Cam	56167.528±0.002	−0.496	47293	C	Z CVn	55941.734±0.004	0.608	26016	C
AH Cam	56181.521±0.002	−0.514	47331	C	Z CVn	55960.691±0.002	0.604	26045	C
AH Cam	56188.557±0.003	−0.484	47350	C	Z CVn	55993.404±0.005	0.626	26095	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
Z CVn	56023.486±0.004	0.633	26141	C	AL CMi	55997.456±0.003	0.480	35240	C
Z CVn	56053.561±0.003	0.632	26187	C	AL CMi	56243.538±0.003	0.489	35687	C
Z CVn	56072.529±0.003	0.639	26216	C	AL CMi	56244.638±0.002	0.487	35689	C
Z CVn	56089.533±0.005	0.644	26242	C	AL CMi	56280.424±0.003	0.491	35754	C
Z CVn	56289.639±0.005	0.681	26548	C	RV Cap	56082.844±0.002	−0.014	49581	LS
Z CVn	56291.600±0.003	0.681	26551	C	RV Cap	56100.750±0.002	−0.018	49621	LS
RU CVn	55931.658±0.002	0.233	37415	C	RV Cap	56104.781±0.002	−0.016	49630	LS
RU CVn	55935.669±0.002	0.231	37422	C	RV Cap	56121.798±0.002	−0.013	49668	LS
RU CVn	55974.650±0.002	0.231	37490	C	RV Cap	56130.751±0.002	−0.015	49688	LS
RU CVn	55978.665±0.004	0.234	37497	C	RV Cap	56135.675±0.002	−0.017	49699	LS
RU CVn	55988.409±0.002	0.233	37514	C	RV Cap	56147.759±0.002	−0.022	49726	LS
RU CVn	56035.415±0.002	0.233	37596	C	RV Cap	56165.667±0.002	−0.023	49766	LS
RU CVn	56036.565±0.004	0.236	37598	C	RV Cap	56200.578±0.004	−0.036	49844	LS
RU CVn	56040.572±0.002	0.231	37605	C	IU Car	55938.649±0.003	0.116	19322	LS
RU CVn	56059.494±0.002	0.235	37638	C	IU Car	55994.659±0.003	0.103	19398	LS
RX CVn	56024.345±0.006	−0.059	30477	C	IU Car	55997.605±0.002	0.101	19402	LS
RX CVn	56059.452±0.003	−0.053	30542	C	IU Car	56000.557±0.002	0.104	19406	LS
RZ CVn	55960.560±0.002	−0.144	27523	C	IU Car	56014.556±0.002	0.097	19425	LS
RZ CVn	55972.475±0.002	−0.145	27544	C	IU Car	56025.613±0.003	0.097	19440	LS
RZ CVn	55986.660±0.002	−0.145	27569	C	IU Car	56212.813±0.002	0.061	19694	LS
RZ CVn	56001.414±0.002	−0.144	27595	C	IU Car	56226.814±0.004	0.056	19713	LS
RZ CVn	56036.592±0.002	−0.145	27657	C	IU Car	56232.711±0.004	0.056	19721	LS
RZ CVn	56060.425±0.002	−0.143	27699	C	IU Car	56235.665±0.003	0.062	19725	LS
RZ CVn	56293.637±0.003	−0.137	28110	C	IU Car	56246.714±0.003	0.053	19740	LS
SS CVn	55936.585±0.002	0.142	34092	C	IU Car	56249.663±0.004	0.054	19744	LS
SS CVn	55947.589±0.002	0.140	34115	C	IU Car	56254.818±0.002	0.049	19751	LS
SS CVn	55961.469±0.002	0.143	34144	C	IU Car	56257.770±0.003	0.052	19755	LS
SS CVn	55969.596±0.002	0.135	34161	C	IU Car	56263.667±0.004	0.052	19763	LS
SS CVn	55971.514±0.002	0.139	34165	C	IU Car	56274.720±0.004	0.048	19778	LS
SS CVn	56002.574±0.003	0.095	34230	C	IU Car	56280.614±0.004	0.045	19786	LS
SS CVn	56013.581±0.005	0.096	34253	C	IU Car	56288.723±0.004	0.045	19797	LS
SS CVn	56048.556±0.002	0.139	34326	C	HU Cas	56129.510±0.005	−0.040	59997	C
SS CVn	56059.563±0.001	0.140	34349	C	HU Cas	56139.388±0.002	−0.041	60021	C
SS CVn	56083.472±0.002	0.123	34399	C	HU Cas	56155.441±0.002	−0.040	60060	C
SV CVn	55998.397±0.005	0.124	24018	C	HU Cas	56159.556±0.001	−0.040	60070	C
SV CVn	56018.441±0.002	0.126	24048	C	HU Cas	56166.555±0.002	−0.039	60087	C
SV CVn	56026.456±0.004	0.124	24060	C	HU Cas	56180.546±0.002	−0.042	60121	C
SV CVn	56054.529±0.005	0.139	24102	C	HU Cas	56193.308±0.001	−0.039	60152	C
UZ CVn	55930.601±0.003	0.262	42281	C	HU Cas	56206.476±0.002	−0.042	60184	C
UZ CVn	55949.436±0.003	0.256	42308	C	HU Cas	56210.597±0.002	−0.037	60194	C
UZ CVn	55997.583±0.002	0.256	42377	C	HU Cas	56237.348±0.002	−0.040	60259	C
UZ CVn	56071.549±0.003	0.257	42483	C	HU Cas	56251.341±0.001	−0.041	60293	C
UZ CVn	56288.562±0.004	0.260	42794	C	HU Cas	56252.577±0.001	−0.041	60296	C
AA CMi	55951.430±0.001	0.076	40676	C	HU Cas	56277.273±0.002	−0.040	60356	C
AA CMi	55957.624±0.003	0.078	40689	LS	IU Cas	56107.468±0.003	−0.003	42131	C
AA CMi	55971.438±0.003	0.079	40718	C	IU Cas	56116.557±0.002	−0.006	42145	C
AA CMi	55973.342±0.002	0.078	40722	C	IU Cas	56131.500±0.003	0.001	42168	C
AA CMi	55976.676±0.002	0.077	40729	LS	IU Cas	56133.446±0.003	−0.001	42171	C
AA CMi	55982.392±0.001	0.078	40741	C	IU Cas	56142.534±0.002	−0.004	42185	C
AA CMi	56229.602±0.001	0.076	41260	C	IU Cas	56153.570±0.003	−0.008	42202	C
AA CMi	56240.560±0.002	0.079	41283	C	IU Cas	56157.470±0.003	−0.004	42208	C
AA CMi	56251.517±0.002	0.080	41306	C	IU Cas	56166.559±0.003	−0.006	42222	C
AA CMi	56276.764±0.003	0.082	41359	LS	IU Cas	56179.553±0.006	0.000	42242	C
AA CMi	56279.619±0.002	0.079	41365	C	IU Cas	56181.503±0.003	0.002	42245	C
AA CMi	56286.768±0.004	0.083	41380	LS	IU Cas	56205.524±0.003	−0.004	42282	C
AL CMi	55972.683±0.002	0.480	35195	LS	IU Cas	56209.433±0.005	0.008	42288	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
IU Cas	56224.361±0.002	0.001	42311	C	RU Cet	56190.777±0.007	0.119	27912	LS
IU Cas	56237.346±0.003	−0.002	42331	C	RU Cet	56196.632±0.003	0.111	27922	LS
IU Cas	56244.493±0.002	0.002	42342	C	RU Cet	56210.714±0.002	0.122	27946	LS
IU Cas	56252.286±0.003	0.002	42354	C	RU Cet	56213.649±0.002	0.126	27951	LS
BI Cen	55934.727±0.002	0.087	42465	LS	RU Cet	56216.577±0.003	0.122	27956	LS
BI Cen	55938.803±0.002	0.084	42474	LS	RU Cet	56223.608±0.001	0.118	27968	LS
BI Cen	55939.710±0.002	0.085	42476	LS	RU Cet	56237.693±0.003	0.132	27992	LS
BI Cen	55958.737±0.003	0.078	42518	LS	RV Cet	56161.807±0.005	0.242	27347	LS
BI Cen	55959.641±0.002	0.076	42520	LS	RV Cet	56181.768±0.005	0.254	27379	LS
BI Cen	55964.620±0.002	0.070	42531	LS	RV Cet	56186.744±0.005	0.243	27387	LS
BI Cen	55972.776±0.002	0.069	42549	LS	RV Cet	56196.708±0.004	0.233	27403	LS
BI Cen	55977.762±0.002	0.070	42560	LS	RV Cet	56221.633±0.003	0.221	27443	LS
BI Cen	55979.575±0.002	0.070	42564	LS	RV Cet	56234.726±0.007	0.223	27464	LS
BI Cen	55981.840±0.002	0.069	42569	LS	RV Cet	56239.713±0.006	0.223	27472	LS
BI Cen	55984.559±0.002	0.069	42575	LS	RV Cet	56244.708±0.005	0.231	27480	LS
BI Cen	55989.548±0.002	0.073	42586	LS	RV Cet	56249.699±0.006	0.234	27488	LS
BI Cen	56002.699±0.002	0.081	42615	LS	RV Cet	56264.668±0.005	0.242	27512	LS
BI Cen	56023.554±0.002	0.090	42661	LS	RX Cet	56136.720±0.002	0.330	27908	LS
BI Cen	56033.515±0.002	0.081	42683	LS	RX Cet	56167.699±0.003	0.330	27962	LS
BI Cen	56055.711±0.001	0.071	42732	LS	RX Cet	56186.639±0.006	0.338	27995	LS
BI Cen	56062.509±0.002	0.072	42747	LS	RX Cet	56194.667±0.003	0.334	28009	LS
BI Cen	56067.495±0.002	0.072	42758	LS	RZ Cet	56166.777±0.003	−0.190	43595	LS
BI Cen	56085.637±0.002	0.086	42798	LS	RZ Cet	56167.799±0.002	−0.189	43597	LS
BI Cen	56105.583±0.003	0.093	42842	LS	RZ Cet	56168.820±0.002	−0.190	43599	LS
V499 Cen	55992.763±0.002	0.042	28523	LS	RZ Cet	56189.746±0.002	−0.199	43640	LS
V499 Cen	55993.799±0.002	0.036	28525	LS	RZ Cet	56191.798±0.002	−0.189	43644	LS
V499 Cen	56039.666±0.001	0.036	28613	LS	RZ Cet	56212.728±0.002	−0.194	43685	LS
V499 Cen	56065.726±0.002	0.036	28663	LS	RZ Cet	56215.788±0.002	−0.198	43691	LS
V499 Cen	56085.533±0.002	0.037	28701	LS	RZ Cet	56224.484±0.004	−0.182	43708	C
V671 Cen	55994.722±0.004	0.027	49341	LS	RZ Cet	56225.492±0.004	−0.195	43710	C
V671 Cen	56019.648±0.004	0.005	49398	LS	RZ Cet	56234.683±0.003	−0.195	43728	LS
V671 Cen	56061.718±0.003	0.059	49494	LS	RZ Cet	56235.710±0.002	−0.190	43730	LS
V671 Cen	56083.528±0.003	−0.014	49544	LS	RZ Cet	56244.385±0.002	−0.195	43747	C
V674 Cen	56065.550±0.002	−0.198	43799	LS	RZ Cet	56288.293±0.003	−0.200	43833	C
AQ Cep	55950.456±0.002	0.073	42708	C	RZ Cet	56292.379±0.004	−0.198	43841	C
AQ Cep	56204.520±0.001	0.074	43098	C	UU Cet	56130.748±0.004	−0.148	24621	LS
RR Cet	56165.818±0.002	0.011	41561	LS	UU Cet	56159.837±0.002	−0.151	24669	LS
RR Cet	56168.585±0.002	0.013	41566	C	UU Cet	56187.717±0.004	−0.151	24715	LS
RR Cet	56183.517±0.003	0.014	41593	C	UU Cet	56195.592±0.004	−0.155	24728	LS
RR Cet	56185.726±0.002	0.010	41597	LS	UU Cet	56204.685±0.003	−0.153	24743	LS
RR Cet	56186.836±0.002	0.014	41599	LS	UU Cet	56210.748±0.003	−0.151	24753	LS
RR Cet	56191.810±0.002	0.011	41608	LS	UU Cet	56215.599±0.003	−0.149	24761	LS
RR Cet	56193.469±0.002	0.011	41611	C	UU Cet	56221.654±0.003	−0.154	24771	LS
RR Cet	56195.681±0.002	0.011	41615	LS	UU Cet	56235.596±0.003	−0.152	24794	LS
RR Cet	56206.732±0.007	0.001	41635	LS	RT Col	56268.614±0.002	−0.300	53093	LS
RR Cet	56208.401±0.002	0.011	41638	C	RT Col	56284.711±0.002	−0.301	53123	LS
RR Cet	56211.721±0.003	0.013	41644	LS	RW Col	55961.609±0.003	−0.038	53196	LS
RR Cet	56216.698±0.002	0.013	41653	LS	RW Col	55967.611±0.003	0.143	53207	LS
RR Cet	56237.712±0.002	0.012	41691	LS	RW Col	56232.781±0.004	0.166	53708	LS
RR Cet	56239.370±0.003	0.011	41694	C	RW Col	56238.779±0.003	−0.186	53720	LS
RR Cet	56250.433±0.002	0.013	41714	C	RW Col	56243.693±0.003	−0.036	53729	LS
RR Cet	56291.356±0.003	0.012	41788	C	RW Col	56244.785±0.003	−0.002	53731	LS
RU Cet	56136.848±0.002	0.127	27820	LS	RW Col	56261.701±0.006	−0.022	53763	LS
RU Cet	56139.784±0.004	0.132	27825	LS	RW Col	56272.612±0.003	−0.224	53784	LS
RU Cet	56163.811±0.003	0.122	27866	LS	RW Col	56284.613±0.003	0.133	53806	LS
RU Cet	56180.803±0.002	0.112	27895	LS	RW Col	56285.704±0.004	0.166	53808	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
RW Col	56290.616±0.003	−0.214	53818	LS	WW CrA	56171.533±0.002	−0.020	44478	LS
RX Col	55966.606±0.002	−0.261	45711	LS	V413 CrA	56038.842±0.004	0.069	24669	LS
RX Col	56242.687±0.002	0.184	46175	LS	V413 CrA	56064.779±0.003	0.075	24713	LS
RX Col	56255.750±0.004	0.179	46197	LS	V413 CrA	56067.712±0.005	0.062	24718	LS
RX Col	56258.713±0.004	0.171	46202	LS	V413 CrA	56103.653±0.003	0.053	24779	LS
RX Col	56261.687±0.005	0.175	46207	LS	V413 CrA	56104.835±0.002	0.056	24781	LS
RX Col	56267.627±0.005	0.175	46217	LS	V413 CrA	56129.585±0.004	0.054	24823	LS
RX Col	56286.635±0.004	0.173	46249	LS	V413 CrA	56132.536±0.003	0.058	24828	LS
RX Col	56293.765±0.005	0.175	46261	LS	V413 CrA	56182.636±0.004	0.064	24913	LS
RY Col	56258.743±0.002	−0.237	45835	LS	TV CrB	55966.589±0.002	0.027	41648	C
RY Col	56261.622±0.006	−0.231	45841	LS	TV CrB	55983.542±0.003	0.026	41677	C
RY Col	56291.806±0.004	−0.215	45904	LS	TV CrB	55993.486±0.002	0.032	41694	C
RY Col	56292.762±0.004	−0.217	45906	LS	TV CrB	56014.531±0.002	0.031	41730	C
AV Col	55935.626±0.002	0.060	6978	LS	TV CrB	56018.620±0.002	0.028	41737	C
AV Col	55964.690±0.002	0.062	7040	LS	TV CrB	56045.522±0.003	0.037	41783	C
AV Col	55965.627±0.001	0.062	7042	LS	W Crt	55961.689±0.002	−0.026	39604	LS
AV Col	56233.752±0.002	0.066	7614	LS	W Crt	55963.748±0.001	−0.026	39609	LS
AV Col	56256.721±0.002	0.066	7663	LS	W Crt	55999.594±0.003	−0.026	39696	LS
AV Col	56264.689±0.001	0.066	7680	LS	W Crt	56029.671±0.002	−0.026	39769	LS
AV Col	56278.752±0.002	0.066	7710	LS	W Crt	56055.627±0.002	−0.027	39832	LS
AV Col	56286.718±0.002	0.064	7727	LS	X Crt	55964.822±0.008	0.084	19331	LS
AV Col	56287.657±0.002	0.065	7729	LS	X Crt	55989.738±0.003	0.083	19365	LS
S Com	55934.641±0.003	−0.101	26049	C	X Crt	56017.575±0.005	0.073	19403	LS
S Com	55937.571±0.002	−0.104	26054	C	X Crt	56058.608±0.003	0.067	19459	LS
S Com	55964.555±0.002	−0.103	26100	C	SW Cru	55938.794±0.003	0.064	91245	LS
S Com	55974.528±0.002	−0.103	26117	C	SW Cru	55939.777±0.002	0.064	91248	LS
S Com	55984.502±0.001	−0.101	26134	C	SW Cru	55965.674±0.003	0.066	91327	LS
S Com	55998.577±0.002	−0.104	26158	C	SW Cru	55966.658±0.003	0.067	91330	LS
S Com	56005.616±0.002	−0.103	26170	C	SW Cru	55971.571±0.002	0.063	91345	LS
S Com	56011.483±0.002	−0.103	26180	C	SW Cru	55976.815±0.003	0.063	91361	LS
S Com	56042.572±0.003	−0.103	26233	C	SW Cru	55989.599±0.003	0.063	91400	LS
S Com	56055.477±0.003	−0.103	26255	C	SW Cru	55994.845±0.004	0.065	91416	LS
S Com	56290.701±0.002	−0.102	26656	C	SW Cru	55995.830±0.003	0.066	91419	LS
RY Com	55973.601±0.002	−0.109	34918	C	SW Cru	55998.776±0.002	0.062	91428	LS
RY Com	55974.537±0.002	−0.111	34920	C	SW Cru	56005.661±0.002	0.063	91449	LS
RY Com	55982.501±0.002	−0.119	34937	C	SW Cru	56012.544±0.003	0.064	91470	LS
RY Com	55983.442±0.002	−0.116	34939	C	SW Cru	56021.721±0.003	0.063	91498	LS
RY Com	56011.581±0.003	−0.115	34999	C	SW Cru	56023.690±0.002	0.065	91504	LS
RY Com	56015.331±0.002	−0.116	35007	C	SW Cru	56032.537±0.002	0.062	91531	LS
RY Com	56045.341±0.002	−0.119	35071	C	SW Cru	56047.615±0.002	0.063	91577	LS
RY Com	56057.525±0.001	−0.128	35097	C	SW Cru	56048.602±0.002	0.066	91580	LS
RY Com	56066.434±0.002	−0.129	35116	C	SW Cru	56049.582±0.002	0.062	91583	LS
RY Com	56290.577±0.003	−0.146	35594	C	SW Cru	56050.566±0.002	0.063	91586	LS
ST Com	55947.513±0.003	−0.034	21243	C	SW Cru	56052.535±0.003	0.065	91592	LS
ST Com	55963.684±0.004	−0.034	21270	C	SW Cru	56053.519±0.003	0.066	91595	LS
ST Com	55972.668±0.003	−0.034	21285	C	SW Cru	56057.777±0.002	0.063	91608	LS
ST Com	55974.466±0.003	−0.033	21288	C	SW Cru	56083.671±0.003	0.062	91687	LS
ST Com	55999.618±0.003	−0.036	21330	C	UY Cyg	56148.415±0.004	0.070	60129	C
ST Com	56014.592±0.003	−0.035	21355	C	UY Cyg	56149.527±0.004	0.061	60131	C
ST Com	56056.519±0.002	−0.033	21425	C	UY Cyg	56185.409±0.002	0.058	60195	C
ST Com	56293.690±0.003	−0.038	21821	C	UY Cyg	56204.481±0.005	0.066	60229	C
WW CrA	56046.774±0.002	−0.016	44255	LS	XZ Cyg [2]	56038.496±0.003	−0.006	16005	C
WW CrA	56115.583±0.003	−0.022	44378	LS	XZ Cyg [2]	56051.565±0.001	−0.002	16033	C
WW CrA	56134.611±0.002	−0.016	44412	LS	XZ Cyg [2]	56116.421±0.003	−0.004	16172	C
WW CrA	56148.599±0.002	−0.015	44437	LS	XZ Cyg [2]	56129.484±0.003	−0.005	16200	C
WW CrA	56162.591±0.003	−0.010	44462	LS	XZ Cyg [2]	56130.418±0.002	−0.005	16202	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
XZ Cyg [2]	56136.484±0.002	−0.004	16215	C	VW Dor	56018.562±0.002	−0.158	30913	LS
XZ Cyg [2]	56142.543±0.001	−0.011	16228	C	VW Dor	56022.551±0.002	−0.163	30920	LS
XZ Cyg [2]	56143.478±0.001	−0.009	16230	C	VW Dor	56205.711±0.002	−0.169	31241	LS
XZ Cyg [2]	56144.411±0.002	−0.009	16232	C	VW Dor	56222.826±0.001	−0.172	31271	LS
XZ Cyg [2]	56164.485±0.003	0.001	16275	C	VW Dor	56225.682±0.002	−0.170	31276	LS
XZ Cyg [2]	56172.415±0.003	−0.001	16292	C	VW Dor	56226.825±0.002	−0.168	31278	LS
XZ Cyg [2]	56176.610±0.002	−0.006	16301	C	VW Dor	56233.665±0.002	−0.175	31290	LS
XZ Cyg [2]	56184.544±0.002	−0.004	16318	C	VW Dor	56234.807±0.003	−0.174	31292	LS
DM Cyg	56099.450±0.001	0.072	32194	C	VW Dor	56237.656±0.002	−0.178	31297	LS
DM Cyg	56112.467±0.001	0.072	32225	C	VW Dor	56253.639±0.002	−0.172	31325	LS
DM Cyg	56135.560±0.001	0.073	32280	C	VW Dor	56258.770±0.003	−0.177	31334	LS
DM Cyg	56146.478±0.002	0.075	32306	C	VW Dor	56261.619±0.002	−0.181	31339	LS
DM Cyg	56148.577±0.001	0.075	32311	C	VW Dor	56262.760±0.003	−0.181	31341	LS
DM Cyg	56157.394±0.001	0.075	32332	C	VW Dor	56266.760±0.005	−0.175	31348	LS
DM Cyg	56161.592±0.001	0.074	32342	C	VW Dor	56269.614±0.002	−0.174	31353	LS
DM Cyg	56188.464±0.002	0.075	32406	C	VW Dor	56286.729±0.003	−0.178	31383	LS
DM Cyg	56191.403±0.003	0.075	32413	C	VW Dor	56290.718±0.002	−0.183	31390	LS
DM Cyg	56228.348±0.002	0.072	32501	C	RW Dra	55993.613±0.003	0.191	37515	C
V939 Cyg [3]	56051.588±0.005	0.083	16161	C	RW Dra	56002.480±0.002	0.199	37535	C
V939 Cyg [3]	56115.538±0.004	0.090	16326	C	RW Dra	56018.451±0.002	−0.217	37572	C
V939 Cyg [3]	56129.480±0.006	0.080	16362	C	RW Dra	56099.507±0.002	−0.215	37755	C
V939 Cyg [3]	56136.467±0.004	0.092	16380	C	RW Dra	56114.537±0.003	0.198	37788	C
V939 Cyg [3]	56143.448±0.004	0.097	16398	C	RW Dra	56118.518±0.002	0.193	37797	C
V939 Cyg [3]	56164.373±0.004	0.095	16452	C	RW Dra	56122.505±0.002	0.194	37806	C
V939 Cyg [3]	56184.532±0.005	0.102	16504	C	RW Dra	56134.499±0.002	−0.214	37834	C
DU Del	56124.536±0.003	−0.167	47041	C	RW Dra	56145.574±0.002	−0.212	37859	C
DX Del	56107.492±0.002	0.067	35420	C	SU Dra	55937.600±0.002	0.059	18224	C
DX Del	56108.437±0.003	0.067	35422	C	SU Dra	55939.581±0.002	0.059	18227	C
DX Del	56123.558±0.002	0.064	35454	C	SU Dra	55941.563±0.002	0.060	18230	C
DX Del	56124.506±0.002	0.067	35456	C	SU Dra	55961.380±0.004	0.064	18260	C
DX Del	56151.443±0.002	0.065	35513	C	SU Dra	55964.680±0.003	0.062	18265	C
DX Del	56157.587±0.002	0.065	35526	C	SU Dra	55996.381±0.003	0.063	18313	C
DX Del	56158.532±0.002	0.065	35528	C	SU Dra	56050.535±0.003	0.062	18395	C
DX Del	56161.365±0.001	0.062	35534	C	SU Dra	56054.495±0.002	0.059	18401	C
DX Del	56184.525±0.003	0.064	35583	C	SW Dra	55966.545±0.002	0.060	52209	C
DX Del	56193.504±0.002	0.063	35602	C	SW Dra	55983.636±0.003	0.061	52239	C
DX Del	56203.429±0.002	0.063	35623	C	SW Dra	55989.334±0.002	0.062	52249	C
DX Del	56230.370±0.002	0.065	35680	C	SW Dra	55993.322±0.004	0.063	52256	C
GV Del	56193.516±0.004	−0.157	79770	C	SW Dra	55995.596±0.003	0.058	52260	C
RT Dor	55964.549±0.004	−0.055	52186	LS	SW Dra	56035.477±0.002	0.062	52330	C
RT Dor	55992.551±0.002	−0.057	52244	LS	SW Dra	56048.576±0.004	0.059	52353	C
RT Dor	56019.586±0.002	−0.061	52300	LS	SW Dra	56051.427±0.003	0.061	52358	C
RT Dor	56196.782±0.001	−0.066	52667	LS	XZ Dra	56045.423±0.002	−0.128	29627	C
RT Dor	56198.713±0.002	−0.066	52671	LS	XZ Dra	56064.493±0.002	−0.117	29667	C
RT Dor	56199.681±0.003	−0.064	52673	LS	XZ Dra	56084.502±0.003	−0.121	29709	C
RT Dor	56226.718±0.001	−0.066	52729	LS	XZ Dra	56093.552±0.002	−0.124	29728	C
RT Dor	56229.615±0.001	−0.066	52735	LS	XZ Dra	56115.473±0.001	−0.123	29774	C
RT Dor	56230.583±0.003	−0.064	52737	LS	XZ Dra	56124.531±0.001	−0.118	29793	C
RT Dor	56256.656±0.003	−0.064	52791	LS	XZ Dra	56143.591±0.002	−0.118	29833	C
RT Dor	56257.623±0.002	−0.063	52793	LS	XZ Dra	56154.545±0.002	−0.123	29856	C
RT Dor	56285.630±0.002	−0.060	52851	LS	XZ Dra	56167.421±0.002	−0.113	29883	C
VW Dor	55934.678±0.002	−0.162	30766	LS	XZ Dra	56176.468±0.006	−0.119	29902	C
VW Dor	55939.821±0.002	−0.155	30775	LS	BC Dra	55934.652±0.005	0.096	18978	C
VW Dor	55963.785±0.002	−0.156	30817	LS	BC Dra	55937.541±0.006	0.106	18982	C
VW Dor	55967.779±0.001	−0.156	30824	LS	BC Dra	55950.478±0.005	0.091	19000	C
VW Dor	56002.575±0.002	−0.168	30885	LS	BC Dra	55970.631±0.005	0.096	19028	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
BC Dra	55986.461±0.004	0.095	19050	C	BD Dra	56234.485±0.005	0.585	24547	C
BC Dra	55988.629±0.005	0.104	19053	C	BD Dra	56243.331±0.002	0.595	24562	C
BC Dra	56017.408±0.005	0.100	19093	C	BD Dra	56250.374±0.005	0.569	24574	C
BC Dra	56019.564±0.004	0.098	19096	C	BD Dra	56263.360±0.003	0.596	24596	C
BC Dra	56035.396±0.005	0.099	19118	C	BD Dra	56288.682±0.003	0.589	24639	C
BC Dra	56050.506±0.003	0.098	19139	C	BD Dra	56291.628±0.002	0.590	24644	C
BC Dra	56091.523±0.005	0.099	19196	C	BK Dra	56051.457±0.002	−0.162	51561	C
BC Dra	56099.441±0.005	0.102	19207	C	BK Dra	56070.406±0.003	−0.160	51593	C
BC Dra	56117.430±0.005	0.101	19232	C	BK Dra	56083.431±0.002	−0.161	51615	C
BC Dra	56140.456±0.004	0.101	19264	C	BK Dra	56096.458±0.002	−0.159	51637	C
BC Dra	56145.489±0.003	0.097	19271	C	BK Dra	56119.547±0.001	−0.161	51676	C
BC Dra	56150.525±0.003	0.096	19278	C	BK Dra	56122.508±0.002	−0.161	51681	C
BC Dra	56155.566±0.003	0.100	19285	C	BK Dra	56135.533±0.002	−0.162	51703	C
BC Dra	56158.445±0.004	0.101	19289	C	BK Dra	56144.414±0.002	−0.162	51718	C
BC Dra	56166.360±0.004	0.100	19300	C	BK Dra	56151.521±0.002	−0.160	51730	C
BC Dra	56176.427±0.010	0.093	19314	C	BK Dra	56154.481±0.003	−0.160	51735	C
BC Dra	56178.599±0.006	0.106	19317	C	BK Dra	56164.546±0.002	−0.161	51752	C
BC Dra	56181.472±0.010	0.101	19321	C	BT Dra	55970.494±0.005	−0.007	42869	C
BC Dra	56191.538±0.006	0.093	19335	C	BT Dra	55971.665±0.002	−0.013	42871	C
BC Dra	56204.497±0.004	0.100	19353	C	BT Dra	55974.608±0.002	−0.013	42876	C
BC Dra	56232.559±0.005	0.098	19392	C	BT Dra	55981.674±0.002	−0.012	42888	C
BC Dra	56243.354±0.005	0.100	19407	C	BT Dra	55999.330±0.004	−0.016	42918	C
BC Dra	56248.396±0.006	0.105	19414	C	BT Dra	56033.469±0.002	−0.020	42976	C
BC Dra	56250.549±0.005	0.099	19417	C	BT Dra	56050.548±0.001	−0.013	43005	C
BC Dra	56251.268±0.004	0.098	19418	C	BT Dra	56119.415±0.003	−0.020	43122	C
BC Dra	56263.509±0.005	0.106	19435	C	RX Eri	56220.785±0.002	−0.010	58797	LS
BD Dra	55930.558±0.003	0.608	24031	C	RX Eri	56223.721±0.003	−0.010	58802	LS
BD Dra	55934.648±0.004	0.575	24038	C	RX Eri	56253.674±0.003	−0.007	58853	LS
BD Dra	55937.579±0.004	0.561	24043	C	RX Eri	56256.608±0.003	−0.009	58858	LS
BD Dra	55950.589±0.002	0.612	24065	C	RX Eri	56267.766±0.003	−0.009	58877	LS
BD Dra	55966.468±0.003	0.586	24092	C	RX Eri	56277.750±0.004	−0.008	58894	LS
BD Dra	55970.616±0.003	0.611	24099	C	RX Eri	56280.684±0.003	−0.010	58899	LS
BD Dra	55986.471±0.006	0.561	24126	C	SV Eri	56216.686±0.006	0.885	28949	LS
BD Dra	55990.620±0.004	0.587	24133	C	SV Eri	56221.691±0.007	0.893	28956	LS
BD Dra	56013.572±0.004	0.566	24172	C	SV Eri	56236.681±0.007	0.894	28977	LS
BD Dra	56035.358±0.004	0.557	24209	C	SV Eri	56246.673±0.005	0.893	28991	LS
BD Dra	56042.473±0.004	0.604	24221	C	SV Eri	56251.674±0.005	0.897	28998	LS
BD Dra	56072.510±0.003	0.599	24272	C	SV Eri	56266.660±0.007	0.893	29019	LS
BD Dra	56095.485±0.002	0.601	24311	C	SV Eri	56276.655±0.008	0.895	29033	LS
BD Dra	56102.532±0.003	0.579	24323	C	XY Eri	56291.642±0.006	−0.215	56884	LS
BD Dra	56128.440±0.003	0.569	24367	C	BB Eri	56226.795±0.002	0.267	29246	LS
BD Dra	56138.470±0.002	0.585	24384	C	BB Eri	56230.789±0.005	0.272	29253	LS
BD Dra	56141.421±0.002	0.591	24389	C	BB Eri	56254.727±0.003	0.274	29295	LS
BD Dra	56145.548±0.002	0.594	24396	C	BB Eri	56266.698±0.003	0.277	29316	LS
BD Dra	56155.523±0.005	0.556	24413	C	BB Eri	56282.648±0.002	0.270	29344	LS
BD Dra	56158.454±0.004	0.541	24418	C	BB Eri	56290.626±0.003	0.270	29358	LS
BD Dra	56168.520±0.002	0.593	24435	C	RX For	56182.828±0.002	−0.030	27375	LS
BD Dra	56178.489±0.005	0.548	24452	C	RX For	56185.804±0.002	−0.040	27380	LS
BD Dra	56181.430±0.004	0.544	24457	C	RX For	56200.724±0.003	−0.053	27405	LS
BD Dra	56184.382±0.005	0.551	24462	C	RX For	56206.713±0.007	−0.037	27415	LS
BD Dra	56185.576±0.003	0.567	24464	C	RX For	56212.698±0.002	−0.025	27425	LS
BD Dra	56191.488±0.002	0.588	24474	C	RX For	56234.778±0.002	−0.046	27462	LS
BD Dra	56198.553±0.003	0.585	24486	C	RX For	56237.775±0.003	−0.036	27467	LS
BD Dra	56204.406±0.003	0.547	24496	C	RX For	56243.760±0.002	−0.024	27477	LS
BD Dra	56205.583±0.003	0.546	24498	C	RX For	56261.644±0.006	−0.059	27507	LS
BD Dra	56224.462±0.003	0.575	24530	C	RX For	56267.632±0.002	−0.044	27517	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
SS For	56262.593±0.002	−0.139	35512	LS	RW Gru	56172.719±0.002	−0.148	39637	LS
SW For	56164.787±0.005	0.460	27149	LS	RW Gru	56173.815±0.002	−0.153	39639	LS
SW For	56168.806±0.005	0.460	27154	LS	TW Her	56003.537±0.001	−0.013	86232	C
SW For	56172.825±0.003	0.460	27159	LS	TW Her	56033.507±0.001	−0.013	86307	C
SW For	56226.679±0.005	0.464	27226	LS	TW Her	56089.449±0.002	−0.015	86447	C
SW For	56230.695±0.005	0.461	27231	LS	TW Her	56117.422±0.002	−0.014	86517	C
SW For	56234.712±0.004	0.459	27236	LS	TW Her	56127.413±0.002	−0.013	86542	C
SW For	56238.731±0.004	0.460	27241	LS	TW Her	56135.404±0.001	−0.014	86562	C
SW For	56255.614±0.005	0.464	27262	LS	TW Her	56137.402±0.001	−0.014	86567	C
SW For	56259.626±0.005	0.457	27267	LS	TW Her	56139.400±0.001	−0.014	86572	C
SW For	56263.642±0.004	0.455	27272	LS	TW Her	56141.398±0.002	−0.014	86577	C
SW For	56275.705±0.005	0.462	27287	LS	TW Her	56143.397±0.001	−0.013	86582	C
SX For	56173.777±0.003	0.052	28109	LS	TW Her	56149.390±0.001	−0.014	86597	C
SX For	56196.775±0.004	0.047	28147	LS	TW Her	56153.386±0.002	−0.015	86607	C
SX For	56199.808±0.003	0.054	28152	LS	TW Her	56159.380±0.001	−0.014	86622	C
SX For	56207.669±0.003	0.045	28165	LS	TW Her	56169.370±0.002	−0.014	86647	C
SX For	56230.677±0.004	0.050	28203	LS	TW Her	56175.362±0.002	−0.016	86662	C
SX For	56233.703±0.003	0.050	28208	LS	TW Her	56185.352±0.001	−0.017	86687	C
SX For	56244.601±0.004	0.052	28226	LS	VX Her	55983.583±0.001	−0.462	75177	C
SX For	56256.711±0.006	0.055	28246	LS	VX Her	56003.621±0.001	−0.461	75221	C
SX For	56262.761±0.003	0.051	28256	LS	VX Her	56008.629±0.001	−0.461	75232	C
SX For	56290.611±0.005	0.056	28302	LS	VX Her	56050.522±0.002	−0.463	75324	C
SX For	56293.635±0.003	0.053	28307	LS	VX Her	56065.546±0.001	−0.466	75357	C
RR Gem	55943.598±0.001	−0.469	36714	C	VX Her	56101.524±0.001	−0.463	75436	C
RR Gem	55946.379±0.002	−0.469	36721	C	VX Her	56102.434±0.002	−0.463	75438	C
RR Gem	55969.418±0.001	−0.474	36779	C	VX Her	56112.452±0.002	−0.464	75460	C
RR Gem	55971.407±0.002	−0.471	36784	C	VX Her	56117.460±0.002	−0.465	75471	C
RR Gem	55973.397±0.001	−0.468	36789	C	VZ Her	55980.662±0.001	0.073	43585	C
RR Gem	56000.412±0.001	−0.470	36857	C	VZ Her	55984.625±0.003	0.073	43594	C
RR Gem	56012.325±0.002	−0.476	36887	C	VZ Her	56006.640±0.001	0.072	43644	C
RR Gem	56214.543±0.001	−0.489	37396	C	VZ Her	56055.519±0.002	0.074	43755	C
RR Gem	56216.537±0.002	−0.482	37401	C	VZ Her	56092.506±0.001	0.073	43839	C
RR Gem	56229.642±0.002	−0.488	37434	C	VZ Her	56100.431±0.002	0.073	43857	C
RR Gem	56247.524±0.002	−0.485	37479	C	VZ Her	56140.500±0.002	0.072	43948	C
RR Gem	56249.509±0.004	−0.487	37484	C	VZ Her	56144.463±0.001	0.072	43957	C
SZ Gem	55932.635±0.001	−0.067	57347	C	VZ Her	56152.390±0.001	0.073	43975	C
SZ Gem	55945.665±0.002	−0.066	57373	C	VZ Her	56166.479±0.003	0.072	44007	C
SZ Gem	56273.406±0.002	−0.068	58027	C	VZ Her	56178.371±0.002	0.075	44034	C
SZ Gem	56285.432±0.002	−0.070	58051	C	AR Her	55972.593±0.002	−1.389	30891	C
GI Gem	55940.555±0.002	0.069	59072	C	AR Her	55979.675±0.002	−1.357	30906	C
GI Gem	55947.487±0.001	0.069	59088	C	AR Her	55980.616±0.003	−1.356	30908	C
GI Gem	55948.354±0.002	0.069	59090	C	AR Her	56011.625±0.003	−1.369	30974	C
GI Gem	55971.316±0.002	0.068	59143	C	AR Her	56043.573±0.006	−1.383	31042	C
GI Gem	55980.414±0.001	0.068	59164	C	AR Her	56060.513±0.001	−1.364	31078	C
GI Gem	55984.314±0.001	0.069	59173	C	AR Her	56139.466±0.006	−1.376	31246	C
GI Gem	56003.377±0.001	0.068	59217	C	AR Her	56146.550±0.003	−1.342	31261	C
GI Gem	56219.577±0.002	0.068	59716	C	BD Her	56149.559±0.005	0.148	49633	C
GI Gem	56225.642±0.001	0.068	59730	C	DL Her	56045.463±0.002	0.047	30149	C
GI Gem	56251.638±0.001	0.068	59790	C	DL Her	56116.459±0.002	0.047	30269	C
GI Gem	56278.503±0.003	0.070	59852	C	DL Her	56142.498±0.003	0.054	30313	C
RR Gru	56138.799±0.003	0.032	39370	LS	GY Her	55993.561±0.005	0.178	37388	C
RR Gru	56199.570±0.004	0.025	39480	LS	GY Her	56023.448±0.002	0.175	37445	C
RR Gru	56200.675±0.003	0.025	39482	LS	GY Her	56036.558±0.002	0.176	37470	C
RW Gru	56129.798±0.005	−0.145	39559	LS	GY Her	56100.482±0.004	0.125	37592	C
RW Gru	56146.861±0.002	−0.142	39590	LS	GY Her	56152.386±0.003	0.116	37691	C
RW Gru	56166.681±0.002	−0.133	39626	LS	V542 Her	56008.673±0.002	0.131	27061	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
V591 Her	56050.526±0.005	0.320	24483	C	XX Hya	55982.580±0.002	0.018	31807	LS
V593 Her	56050.551±0.004	−0.126	32669	C	XX Hya	55984.613±0.002	0.020	31811	LS
V593 Her	56065.526±0.002	−0.129	32698	C	XX Hya	56013.551±0.002	0.016	31868	LS
V593 Her	56096.516±0.005	−0.129	32758	C	XX Hya	56015.582±0.001	0.016	31872	LS
V593 Her	56127.507±0.004	−0.128	32818	C	XX Hya	56016.599±0.001	0.017	31874	LS
V650 Her	56003.624±0.003	0.039	31914	C	XX Hya	56287.742±0.002	0.012	32408	LS
V698 Her	56050.537±0.002	0.126	32672	C	XX Hya	56288.759±0.002	0.013	32410	LS
UU Hor	56169.800±0.002	0.184	48855	LS	BI Hya	55974.678±0.002	0.251	53324	LS
UU Hor	56171.735±0.003	0.188	48858	LS	BI Hya	55984.680±0.001	0.251	53343	LS
UU Hor	56178.811±0.001	0.183	48869	LS	BI Hya	55986.784±0.001	0.249	53347	LS
UU Hor	56187.825±0.002	0.186	48883	LS	BI Hya	56032.589±0.002	0.252	53434	LS
UU Hor	56198.768±0.002	0.187	48900	LS	BI Hya	56053.648±0.002	0.252	53474	LS
UU Hor	56200.698±0.002	0.185	48903	LS	BI Hya	56062.599±0.002	0.253	53491	LS
UU Hor	56216.792±0.002	0.187	48928	LS	DD Hya	55960.306±0.001	−0.188	28429	C
UU Hor	56220.653±0.002	0.186	48934	LS	DD Hya	55983.391±0.001	−0.184	28475	C
UU Hor	56229.666±0.002	0.188	48948	LS	DD Hya	55985.396±0.002	−0.187	28479	C
UU Hor	56236.746±0.002	0.187	48959	LS	DD Hya	55999.449±0.002	−0.184	28507	C
UU Hor	56247.690±0.003	0.189	48976	LS	DG Hya	55986.644±0.003	−0.093	44120	LS
UU Hor	56249.621±0.002	0.189	48979	LS	DH Hya	55958.755±0.002	0.082	50680	LS
UU Hor	56258.632±0.003	0.188	48993	LS	DH Hya	55981.739±0.001	0.083	50727	LS
UU Hor	56265.712±0.002	0.187	49004	LS	DH Hya	55983.695±0.001	0.083	50731	LS
UU Hor	56274.727±0.002	0.191	49018	LS	DH Hya	56007.656±0.001	0.083	50780	LS
UU Hor	56276.657±0.004	0.190	49021	LS	DH Hya	56008.632±0.001	0.082	50782	LS
UU Hor	56285.667±0.003	0.188	49035	LS	DH Hya	56011.568±0.001	0.083	50788	LS
UW Hor	56263.685±0.002	0.228	39361	LS	ET Hya	55941.436±0.003	0.153	29204	C
UW Hor	56265.671±0.003	0.227	39364	LS	ET Hya	55945.549±0.003	0.153	29210	C
UW Hor	56269.638±0.003	0.221	39370	LS	ET Hya	55960.634±0.003	0.157	29232	LS
SV Hya	55992.834±0.002	0.130	34844	LS	ET Hya	55974.344±0.002	0.156	29252	C
SV Hya	56019.619±0.002	0.116	34900	LS	ET Hya	55985.311±0.003	0.155	29268	C
SV Hya	56020.579±0.002	0.119	34902	LS	ET Hya	55997.649±0.002	0.154	29286	LS
SZ Hya	55933.577±0.002	−0.234	28394	C	ET Hya	55998.332±0.002	0.151	29287	C
SZ Hya	55957.746±0.002	−0.241	28439	LS	ET Hya	56006.562±0.002	0.155	29299	LS
SZ Hya	55961.512±0.002	−0.236	28446	C	FX Hya	56018.626±0.002	−0.050	52177	LS
SZ Hya	55969.572±0.003	−0.234	28461	C	FX Hya	56028.640±0.002	−0.053	52201	LS
SZ Hya	55970.647±0.002	−0.233	28463	LS	FX Hya	56033.648±0.002	−0.053	52213	LS
SZ Hya	55972.792±0.002	−0.237	28467	LS	FX Hya	56068.706±0.001	−0.053	52297	LS
SZ Hya	55979.722±0.003	−0.291	28480	LS	FX Hya	56084.565±0.002	−0.053	52335	LS
SZ Hya	55982.454±0.002	−0.246	28485	C	FY Hya	56029.613±0.003	0.013	23467	LS
SZ Hya	55996.431±0.002	−0.237	28511	C	FY Hya	56048.713±0.002	0.013	23497	LS
SZ Hya	55999.650±0.002	−0.241	28517	LS	FY Hya	56064.630±0.002	0.014	23522	LS
SZ Hya	56002.319±0.003	−0.259	28522	C	FY Hya	56066.543±0.003	0.017	23525	LS
SZ Hya	56013.623±0.001	−0.237	28543	LS	GO Hya	55933.646±0.004	−0.079	47584	C
UU Hya	55957.771±0.005	0.033	31456	LS	GO Hya	55947.641±0.007	−0.086	47606	C
UU Hya	55976.609±0.002	0.011	31492	LS	GO Hya	55968.651±0.005	−0.078	47639	LS
UU Hya	55977.652±0.002	0.007	31494	LS	GO Hya	55979.467±0.003	−0.082	47656	C
UU Hya	55987.615±0.002	0.016	31513	LS	GO Hya	55996.649±0.004	−0.083	47683	LS
UU Hya	55997.583±0.002	0.031	31532	LS	GO Hya	56002.384±0.004	−0.076	47692	C
UU Hya	55999.681±0.002	0.033	31536	LS	GO Hya	56273.505±0.004	−0.078	48118	C
UU Hya	56004.378±0.002	0.015	31545	C	GO Hya	56285.596±0.004	−0.079	48137	C
UU Hya	56006.477±0.002	0.019	31549	C	IK Hya	56009.598±0.004	0.038	26997	LS
UU Hya	56014.323±0.003	0.007	31564	C	IK Hya	56011.540±0.004	0.030	27000	LS
WZ Hya	55970.677±0.003	0.004	30394	LS	IK Hya	56020.648±0.005	0.038	27014	LS
WZ Hya	55971.741±0.002	−0.007	30396	LS	TW Hyi	56290.590±0.003	0.017	24912	LS
WZ Hya	55998.624±0.002	−0.010	30446	LS	TW Hyi	56292.616±0.003	0.017	24915	LS
WZ Hya	56012.609±0.002	−0.005	30472	LS	V Ind	56119.850±0.002	0.383	33364	LS
WZ Hya	56026.591±0.002	−0.004	30498	LS	V Ind	56137.592±0.003	0.380	33401	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
V Ind	56171.646±0.002	0.383	33472	LS	SZ Leo	56015.471±0.003	0.470	19750	C
V Ind	56172.604±0.002	0.382	33474	LS	SZ Leo	56025.618±0.003	0.470	19769	LS
V Ind	56181.717±0.002	0.383	33493	LS	SZ Leo	56283.582±0.003	0.483	20252	C
CQ Lac	56123.491±0.002	0.165	34009	C	TV Leo	55958.759±0.002	0.118	28115	LS
CQ Lac	56128.452±0.002	0.165	34017	C	TV Leo	55981.633±0.002	0.115	28149	LS
CQ Lac	56141.476±0.002	0.168	34038	C	TV Leo	55983.656±0.003	0.120	28152	LS
CQ Lac	56159.452±0.001	0.164	34067	C	TV Leo	55987.691±0.002	0.117	28158	LS
CQ Lac	56169.372±0.002	0.163	34083	C	TV Leo	56000.474±0.003	0.116	28177	C
CQ Lac	56185.499±0.003	0.169	34109	C	TV Leo	56010.567±0.002	0.117	28192	LS
CQ Lac	56195.416±0.002	0.165	34125	C	WW Leo	55979.610±0.002	0.043	34996	LS
CQ Lac	56203.477±0.002	0.165	34138	C	WW Leo	55999.503±0.003	0.042	35029	C
CQ Lac	56206.576±0.002	0.164	34143	C	WW Leo	56014.576±0.003	0.044	35054	LS
CQ Lac	56208.436±0.002	0.164	34146	C	WW Leo	56278.621±0.003	0.043	35492	C
CQ Lac	56239.440±0.002	0.166	34196	C	AA Leo	55998.533±0.002	−0.091	27398	C
RR Leo	55946.699±0.003	0.118	27965	C	AA Leo	56010.510±0.002	−0.087	27418	C
RR Leo	55951.674±0.001	0.117	27976	C	AA Leo	56290.675±0.002	−0.093	27886	C
RR Leo	55961.627±0.001	0.117	27998	C	AE Leo	56001.569±0.002	0.062	57700	C
RR Leo	55980.628±0.001	0.118	28040	C	AE Leo	56006.582±0.002	0.061	57708	C
RR Leo	55987.415±0.001	0.119	28055	C	AE Leo	56288.611±0.004	0.065	58158	C
RR Leo	55988.319±0.001	0.118	28057	C	AX Leo	55933.523±0.004	−0.039	42223	C
RR Leo	56000.532±0.003	0.117	28084	C	AX Leo	55949.512±0.004	−0.040	42245	C
RR Leo	56035.369±0.001	0.119	28161	C	AX Leo	55981.494±0.004	−0.038	42289	C
RR Leo	56251.619±0.001	0.125	28639	C	AX Leo	55984.399±0.004	−0.041	42293	C
RR Leo	56285.548±0.001	0.125	28714	C	AX Leo	56013.475±0.004	−0.038	42333	C
RX Leo	55935.644±0.003	0.105	30041	C	AX Leo	56273.681±0.006	−0.036	42691	C
RX Leo	55960.470±0.005	0.101	30079	C	AX Leo	56289.664±0.005	−0.043	42713	C
RX Leo	55962.437±0.005	0.108	30082	C	V LMi	55932.675±0.001	0.032	66926	C
RX Leo	55983.345±0.005	0.107	30114	C	V LMi	55948.452±0.002	0.034	66955	C
RX Leo	55990.532±0.005	0.106	30125	C	V LMi	55969.662±0.002	0.032	66994	C
RX Leo	56037.574±0.004	0.103	30197	C	V LMi	55972.382±0.001	0.032	66999	C
RX Leo	56043.460±0.005	0.108	30206	C	V LMi	55980.541±0.002	0.033	67014	C
RX Leo	56058.478±0.004	0.098	30229	C	V LMi	55997.406±0.004	0.036	67045	C
RX Leo	56263.660±0.004	0.108	30543	C	V LMi	56040.374±0.002	0.034	67124	C
SS Leo	55961.760±0.002	−0.079	22640	LS	V LMi	56247.604±0.002	0.031	67505	C
SS Leo	55963.639±0.005	−0.079	22643	C	V LMi	56285.678±0.001	0.031	67575	C
SS Leo	55973.656±0.004	−0.084	22659	C	X LMi	55997.552±0.003	0.243	24546	C
SS Leo	55985.555±0.002	−0.085	22678	C	X LMi	55999.603±0.002	0.242	24549	C
SS Leo	55986.811±0.002	−0.082	22680	LS	X LMi	56034.506±0.006	0.244	24600	C
SS Leo	55998.715±0.003	−0.079	22699	LS	X LMi	56244.595±0.003	0.247	24907	C
SS Leo	56000.592±0.003	−0.081	22702	C	X LMi	56279.496±0.003	0.248	24958	C
SS Leo	56027.525±0.004	−0.081	22745	C	X LMi	56283.603±0.002	0.249	24964	C
SS Leo	56057.588±0.002	−0.082	22793	LS	U Lep	56291.679±0.003	0.046	25692	LS
ST Leo	55929.632±0.002	−0.020	58593	C	AO Lep	56242.714±0.002	0.006	4419	LS
ST Leo	55961.658±0.002	−0.019	58660	C	AO Lep	56247.752±0.002	0.003	4428	LS
ST Leo	55975.518±0.002	−0.021	58689	C	AO Lep	56265.672±0.002	0.000	4460	LS
ST Leo	55998.462±0.002	−0.020	58737	C	AO Lep	56284.709±0.002	−0.005	4494	LS
ST Leo	55999.418±0.001	−0.020	58739	C	AO Lep	56293.664±0.003	−0.012	4510	LS
ST Leo	56001.330±0.002	−0.020	58743	C	TV Lib	56003.746±0.003	−0.005	133469	LS
ST Leo	56029.531±0.002	−0.020	58802	C	TV Lib	56010.755±0.002	−0.007	133495	LS
ST Leo	56040.525±0.003	−0.019	58825	C	TV Lib	56067.646±0.001	−0.006	133706	LS
ST Leo	56054.388±0.001	−0.018	58854	C	TV Lib	56084.634±0.001	−0.005	133769	LS
ST Leo	56289.556±0.004	−0.018	59346	C	TV Lib	56114.562±0.002	−0.005	133880	LS
SZ Leo	55957.772±0.005	0.450	19642	LS	VY Lib	56032.750±0.001	−0.037	27884	LS
SZ Leo	55972.721±0.005	0.445	19670	LS	VY Lib	56047.700±0.002	−0.036	27912	LS
SZ Leo	55973.799±0.003	0.455	19672	LS	VY Lib	56070.660±0.002	−0.036	27955	LS
SZ Leo	55990.359±0.005	0.459	19703	C	VY Lib	56085.611±0.002	−0.035	27983	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
XX Lib	56049.861±0.002	0.160	40225	LS	EZ Lyr	56143.530±0.003	−0.134	42320	C
AZ Lib	56062.785±0.003	0.201	43106	LS	EZ Lyr	56161.388±0.002	−0.135	42354	C
AZ Lib	56085.588±0.002	0.205	43141	LS	EZ Lyr	56182.404±0.004	−0.130	42394	C
AZ Lib	56113.596±0.002	0.204	43184	LS	IK Lyr	56186.415±0.010	−0.142	65028	C
LQ Lib	56011.732±0.003	0.002	3725	LS	IO Lyr	56015.530±0.002	−0.037	28411	C
LQ Lib	56058.684±0.003	0.030	3806	LS	IO Lyr	56045.538±0.002	−0.039	28463	C
TT Lyn	55960.388±0.002	−0.046	32320	C	IO Lyr	56101.518±0.002	−0.040	28560	C
TT Lyn	55972.340±0.002	−0.043	32340	C	IO Lyr	56116.527±0.002	−0.036	28586	C
TT Lyn	55975.328±0.002	−0.042	32345	C	IO Lyr	56131.527±0.002	−0.041	28612	C
TT Lyn	55988.467±0.002	−0.047	32367	C	IO Lyr	56138.456±0.002	−0.038	28624	C
TT Lyn	55998.627±0.004	−0.043	32384	C	IO Lyr	56142.494±0.002	−0.040	28631	C
TT Lyn	56013.559±0.003	−0.047	32409	C	IO Lyr	56146.533±0.002	−0.041	28638	C
TT Lyn	56243.572±0.002	−0.046	32794	C	IO Lyr	56164.422±0.002	−0.042	28669	C
TT Lyn	56246.563±0.003	−0.042	32799	C	IO Lyr	56168.464±0.002	−0.040	28676	C
TT Lyn	56252.536±0.003	−0.044	32809	C	IO Lyr	56175.385±0.002	−0.045	28688	C
TT Lyn	56285.393±0.002	−0.046	32864	C	IO Lyr	56186.354±0.002	−0.041	28707	C
TW Lyn	55950.621±0.002	0.060	22679	C	V340 Lyr	56055.440±0.005	−0.031	44741	C
TW Lyn	55966.524±0.003	0.062	22712	C	V392 Lyr	56142.546±0.010	0.123	44267	C
TW Lyn	55970.376±0.002	0.059	22720	C	V392 Lyr	56164.380±0.007	0.112	44306	C
TW Lyn	55995.433±0.002	0.059	22772	C	AV Men	56279.601±0.003	−0.005	5669	LS
TW Lyn	56216.608±0.002	0.060	23231	C	AV Men	56289.587±0.003	−0.009	5687	LS
TW Lyn	56229.619±0.002	0.061	23258	C	Z Mic	56203.669±0.002	−0.147	24886	LS
TW Lyn	56246.486±0.003	0.063	23293	C	DV Mon	56281.703±0.002	0.062	75074	LS
TW Lyn	56280.695±0.001	0.060	23364	C	DV Mon	56286.667±0.003	0.065	75086	LS
RZ Lyr	56055.428±0.002	−0.037	29090	C	TX Mus	55961.760±0.002	0.086	66990	LS
RZ Lyr	56058.497±0.002	−0.035	29096	C	TX Mus	55978.799±0.002	0.089	67026	LS
RZ Lyr	56101.448±0.002	−0.028	29180	C	TX Mus	55990.627±0.002	0.086	67051	LS
RZ Lyr	56102.471±0.002	−0.028	29182	C	TX Mus	55991.575±0.002	0.088	67053	LS
RZ Lyr	56124.440±0.002	−0.042	29225	C	TX Mus	55995.833±0.002	0.087	67062	LS
RZ Lyr	56126.483±0.003	−0.044	29229	C	TX Mus	55996.780±0.002	0.088	67064	LS
RZ Lyr	56127.506±0.001	−0.044	29231	C	TX Mus	56009.558±0.002	0.088	67091	LS
RZ Lyr	56146.421±0.001	−0.045	29268	C	TX Mus	56023.755±0.002	0.089	67121	LS
RZ Lyr	56152.551±0.002	−0.050	29280	C	TX Mus	56024.699±0.002	0.086	67123	LS
RZ Lyr	56169.423±0.002	−0.049	29313	C	TX Mus	56049.782±0.002	0.088	67176	LS
RZ Lyr	56187.322±0.002	−0.043	29348	C	TX Mus	56054.517±0.004	0.091	67186	LS
AW Lyr	56042.470±0.003	−0.051	61737	C	TX Mus	56060.664±0.002	0.086	67199	LS
AW Lyr	56128.519±0.002	−0.061	61910	C	TX Mus	56079.595±0.002	0.088	67239	LS
AW Lyr	56142.445±0.002	−0.063	61938	C	EM Mus	55963.835±0.001	−0.193	37295	LS
CN Lyr	56042.493±0.003	0.018	28091	C	EM Mus	55965.705±0.002	−0.193	37299	LS
CN Lyr	56051.551±0.003	0.026	28113	C	EM Mus	55970.844±0.001	−0.194	37310	LS
CN Lyr	56091.449±0.003	0.020	28210	C	EM Mus	55977.855±0.002	−0.193	37325	LS
CN Lyr	56119.424±0.002	0.021	28278	C	EM Mus	55978.788±0.001	−0.194	37327	LS
CN Lyr	56126.417±0.002	0.020	28295	C	EM Mus	55987.668±0.002	−0.193	37346	LS
CN Lyr	56128.477±0.002	0.024	28300	C	EM Mus	55994.677±0.002	−0.193	37361	LS
CN Lyr	56133.414±0.003	0.024	28312	C	EM Mus	55999.817±0.002	−0.193	37372	LS
CN Lyr	56142.462±0.002	0.022	28334	C	EM Mus	56010.565±0.002	−0.193	37395	LS
CN Lyr	56144.517±0.003	0.020	28339	C	EM Mus	56023.648±0.002	−0.194	37423	LS
CN Lyr	56146.577±0.004	0.023	28344	C	EM Mus	56024.584±0.002	−0.193	37425	LS
CN Lyr	56158.506±0.004	0.022	28373	C	EM Mus	56029.724±0.002	−0.193	37436	LS
CN Lyr	56184.421±0.004	0.020	28436	C	EM Mus	56039.536±0.001	−0.194	37457	LS
CR Lyr	56051.539±0.005	−0.011	53285	C	EM Mus	56051.689±0.003	−0.191	37483	LS
CR Lyr	56091.499±0.005	−0.018	53366	C	EM Mus	56068.507±0.002	−0.196	37519	LS
CR Lyr	56128.513±0.003	−0.011	53441	C	EM Mus	56075.516±0.002	−0.197	37534	LS
CR Lyr	56133.439±0.003	−0.019	53451	C	EM Mus	56109.626±0.003	−0.199	37607	LS
CX Lyr	56169.497±0.005	−0.004	37461	C	EM Mus	56110.562±0.002	−0.198	37609	LS
EZ Lyr	56120.417±0.003	−0.136	42276	C	EM Mus	56118.508±0.002	−0.196	37626	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
VY Nor	56003.886±0.008	−0.124	81184	LS	SS Oct	56226.605±0.002	0.016	45360	LS
VY Nor	56050.802±0.007	−0.121	81309	LS	SS Oct	56229.712±0.004	0.014	45365	LS
VY Nor	56118.738±0.006	−0.115	81490	LS	SS Oct	56239.665±0.003	0.018	45381	LS
VY Nor	56133.750±0.005	−0.116	81530	LS	SS Oct	56244.635±0.003	0.013	45389	LS
Y Oct	55960.797±0.002	0.315	42655	LS	SS Oct	56249.614±0.005	0.017	45397	LS
Y Oct	55971.789±0.002	0.314	42672	LS	SS Oct	56254.586±0.004	0.015	45405	LS
Y Oct	55991.837±0.003	0.317	42703	LS	SS Oct	56277.598±0.004	0.019	45442	LS
Y Oct	55993.774±0.003	0.314	42706	LS	UV Oct	56002.771±0.003	−0.238	39944	LS
Y Oct	56002.828±0.003	0.315	42720	LS	UV Oct	56003.856±0.003	−0.238	39946	LS
Y Oct	56019.638±0.002	0.313	42746	LS	UV Oct	56015.787±0.003	−0.245	39968	LS
Y Oct	56022.871±0.002	0.313	42751	LS	UV Oct	56020.672±0.002	−0.244	39977	LS
Y Oct	56026.748±0.003	0.310	42757	LS	UV Oct	56048.878±0.001	−0.255	40029	LS
Y Oct	56033.860±0.002	0.309	42768	LS	UV Oct	56051.591±0.002	−0.254	40034	LS
Y Oct	56054.555±0.003	0.312	42800	LS	UV Oct	56054.848±0.002	−0.253	40040	LS
Y Oct	56081.710±0.003	0.309	42842	LS	UV Oct	56063.535±0.005	−0.248	40056	LS
Y Oct	56083.648±0.002	0.307	42845	LS	UV Oct	56067.867±0.002	−0.257	40064	LS
Y Oct	56109.511±0.002	0.305	42885	LS	UV Oct	56069.500±0.005	−0.252	40067	LS
Y Oct	56120.501±0.002	0.302	42902	LS	UV Oct	56083.602±0.003	−0.258	40093	LS
Y Oct	56162.529±0.002	0.300	42967	LS	UV Oct	56084.689±0.002	−0.256	40095	LS
RV Oct	55965.784±0.003	0.148	71519	LS	UV Oct	56101.514±0.003	−0.253	40126	LS
RV Oct	55969.780±0.003	0.146	71526	LS	UV Oct	56110.738±0.002	−0.253	40143	LS
RV Oct	55992.625±0.002	0.145	71566	LS	UV Oct	56135.706±0.002	−0.246	40189	LS
RV Oct	55993.765±0.003	0.142	71568	LS	UV Oct	56165.548±0.003	−0.249	40244	LS
RV Oct	55996.623±0.002	0.144	71573	LS	UV Oct	56166.628±0.003	−0.254	40246	LS
RV Oct	56024.610±0.003	0.144	71622	LS	UW Oct	56069.840±0.003	−0.019	48893	LS
RV Oct	56025.753±0.003	0.145	71624	LS	UW Oct	56077.838±0.002	−0.021	48911	LS
RV Oct	56048.606±0.002	0.152	71664	LS	UW Oct	56081.836±0.002	−0.024	48920	LS
RV Oct	56056.594±0.002	0.143	71678	LS	UW Oct	56085.841±0.002	−0.019	48929	LS
RV Oct	56057.742±0.002	0.149	71680	LS	UW Oct	56118.733±0.002	−0.019	49003	LS
RV Oct	56100.578±0.002	0.148	71755	LS	UW Oct	56138.735±0.002	−0.020	49048	LS
RV Oct	56108.570±0.002	0.144	71769	LS	UW Oct	56158.737±0.003	−0.020	49093	LS
RV Oct	56136.559±0.002	0.146	71818	LS	UW Oct	56159.623±0.002	−0.023	49095	LS
RY Oct	56070.784±0.003	0.036	49840	LS	UW Oct	56160.517±0.003	−0.018	49097	LS
RY Oct	56110.773±0.002	0.019	49911	LS	UW Oct	56165.849±0.002	−0.019	49109	LS
RY Oct	56115.838±0.002	0.013	49920	LS	UW Oct	56175.628±0.003	−0.019	49131	LS
RY Oct	56124.859±0.002	0.018	49936	LS	UW Oct	56181.848±0.002	−0.023	49145	LS
RY Oct	56166.565±0.003	0.027	50010	LS	UW Oct	56185.847±0.002	−0.023	49154	LS
RY Oct	56172.773±0.003	0.037	50021	LS	UW Oct	56199.631±0.003	−0.019	49185	LS
RY Oct	56197.549±0.002	0.021	50065	LS	UW Oct	56203.633±0.002	−0.017	49194	LS
RY Oct	56203.755±0.002	0.028	50076	LS	UW Oct	56210.742±0.002	−0.020	49210	LS
RY Oct	56219.528±0.004	0.024	50104	LS	UW Oct	56214.745±0.003	−0.017	49219	LS
RY Oct	56224.599±0.005	0.024	50113	LS	UW Oct	56219.635±0.003	−0.017	49230	LS
RY Oct	56229.677±0.004	0.031	50122	LS	UW Oct	56223.633±0.003	−0.019	49239	LS
RY Oct	56264.614±0.002	0.033	50184	LS	UW Oct	56243.633±0.002	−0.021	49284	LS
SS Oct	56084.821±0.002	0.008	45132	LS	UW Oct	56255.634±0.003	−0.021	49311	LS
SS Oct	56120.881±0.002	0.002	45190	LS	UW Oct	56259.639±0.003	−0.017	49320	LS
SS Oct	56158.822±0.004	0.012	45251	LS	UW Oct	56263.634±0.003	−0.022	49329	LS
SS Oct	56167.531±0.003	0.015	45265	LS	AR Oct	56278.617±0.002	0.061	49383	LS
SS Oct	56168.772±0.002	0.013	45267	LS	AR Oct	56291.617±0.002	0.071	49416	LS
SS Oct	56175.613±0.002	0.014	45278	LS	DY Oct	56264.797±0.002	0.009	4469	LS
SS Oct	56190.544±0.003	0.021	45302	LS	DY Oct	56274.842±0.002	0.008	4487	LS
SS Oct	56196.762±0.004	0.021	45312	LS	DY Oct	56293.817±0.002	0.008	4521	LS
SS Oct	56198.623±0.003	0.016	45315	LS	ST Oph	56060.723±0.002	−0.024	61361	LS
SS Oct	56213.547±0.003	0.016	45339	LS	ST Oph	56071.531±0.002	−0.024	61385	C
SS Oct	56219.764±0.003	0.015	45349	LS	ST Oph	56072.434±0.005	−0.022	61387	C
SS Oct	56221.630±0.002	0.016	45352	LS	ST Oph	56078.736±0.001	−0.025	61401	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
ST Oph	56089.546±0.002	−0.023	61425	C	BP Pav	56069.887±0.002	0.193	51610	LS
ST Oph	56117.468±0.001	−0.023	61487	C	BP Pav	56086.754±0.002	−0.137	51642	LS
ST Oph	56134.581±0.002	−0.024	61525	LS	BP Pav	56108.894±0.002	−0.030	51683	LS
ST Oph	56148.543±0.001	−0.023	61556	LS	BP Pav	56114.692±0.001	−0.144	51694	LS
V408 Oph	56072.459±0.002			C	BP Pav	56127.870±0.002	0.137	51718	LS
V408 Oph	56089.458±0.002			C	BP Pav	56137.887±0.002	−0.057	51737	LS
V408 Oph	56096.433±0.002			C	BP Pav	56164.771±0.002	−0.043	51787	LS
V408 Oph	56119.532±0.002			C	BP Pav	56172.678±0.002	−0.197	51802	LS
V408 Oph	56120.406±0.002			C	BP Pav	56189.546±0.002	0.012	51833	LS
V408 Oph	56143.507±0.002			C	BP Pav	56199.561±0.002	−0.184	51852	LS
V408 Oph	56147.431±0.002			C	BP Pav	56210.630±0.002	0.137	51872	LS
V408 Oph	56154.403±0.001			C	BP Pav	56229.607±0.002	−0.232	51908	LS
V445 Oph	56022.822±0.002	0.043	71732	LS	DN Pav	56066.873±0.002	0.117	31772	LS
V445 Oph	56058.557±0.002	0.046	71822	C	DN Pav	56081.863±0.004	0.118	31804	LS
V445 Oph	56064.509±0.002	0.042	71837	C	DN Pav	56082.798±0.003	0.116	31806	LS
V445 Oph	56086.739±0.002	0.039	71893	LS	DN Pav	56114.654±0.002	0.118	31874	LS
V452 Oph	56023.529±0.004	0.007	34758	C	DN Pav	56118.871±0.002	0.119	31883	LS
V452 Oph	56033.556±0.001	0.005	34776	C	DN Pav	56119.808±0.002	0.119	31885	LS
V452 Oph	56066.429±0.003	0.005	34835	C	DN Pav	56125.898±0.001	0.119	31898	LS
V452 Oph	56101.528±0.003	0.003	34898	C	DN Pav	56172.742±0.001	0.119	31998	LS
V452 Oph	56115.460±0.002	0.006	34923	C	DN Pav	56173.678±0.002	0.118	32000	LS
V452 Oph	56125.491±0.003	0.008	34941	C	DN Pav	56187.733±0.002	0.120	32030	LS
V455 Oph	56089.532±0.003	−0.281	31408	C	DN Pav	56203.659±0.002	0.119	32064	LS
V455 Oph	56094.528±0.003	−0.278	31419	C	DN Pav	56205.532±0.002	0.118	32068	LS
V455 Oph	56118.586±0.003	−0.277	31472	C	DN Pav	56226.613±0.002	0.119	32113	LS
V455 Oph	56144.455±0.002	−0.281	31529	C	VV Peg	56124.530±0.002	−0.017	34266	C
V455 Oph	56163.518±0.002	−0.283	31571	C	VV Peg	56127.460±0.001	−0.016	34272	C
V706 Oph	56058.538±0.006	−0.160	54857	C	VV Peg	56148.462±0.002	−0.016	34315	C
V784 Oph	56043.577±0.003	−0.007	41684	C	VV Peg	56163.601±0.002	−0.016	34346	C
V784 Oph	56047.794±0.002	0.071	41695	LS	VV Peg	56166.533±0.001	−0.015	34352	C
V784 Oph	56059.842±0.005	0.078	41727	LS	VV Peg	56184.601±0.002	−0.017	34389	C
V784 Oph	56133.472±0.005	−0.042	41923	C+LS	VV Peg	56185.581±0.002	−0.014	34391	C
V788 Oph	56040.614±0.006	−0.064	34758	C	VV Peg	56191.440±0.002	−0.015	34403	C
V788 Oph	56092.590±0.004	−0.065	34853	C	VV Peg	56208.534±0.002	−0.015	34438	C
V1028 Oph	56091.524±0.007	0.063	34193	C	VV Peg	56209.513±0.004	−0.013	34440	C
CM Ori	56275.676±0.003	−0.006	47227	LS	AV Peg	56125.519±0.001	0.143	31598	C
V964 Ori	55937.658±0.002	−0.452	48425	LS	AV Peg	56139.573±0.001	0.144	31634	C
V964 Ori	56265.672±0.002	−0.464	49075	LS	AV Peg	56150.504±0.001	0.144	31662	C
V964 Ori	56268.699±0.003	−0.465	49081	LS	AV Peg	56152.455±0.001	0.143	31667	C
TY Pav	56009.759±0.003	0.174	20379	LS	AV Peg	56155.580±0.002	0.145	31675	C
WY Pav	56047.816±0.002	0.054	49576	LS	AV Peg	56181.345±0.003	0.146	31741	C
WY Pav	56053.704±0.004	0.056	49586	LS	AV Peg	56186.420±0.002	0.146	31754	C
WY Pav	56066.655±0.002	0.058	49608	LS	AV Peg	56204.376±0.002	0.145	31800	C
WY Pav	56086.657±0.003	0.049	49642	LS	AV Peg	56216.478±0.002	0.145	31831	C
WY Pav	56100.787±0.003	0.053	49666	LS	AV Peg	56229.360±0.002	0.144	31864	C
WY Pav	56116.677±0.002	0.051	49693	LS	BH Peg	56126.463±0.003	−0.143	26149	C
WY Pav	56159.643±0.002	0.051	49766	LS	BH Peg	56133.514±0.003	−0.143	26160	C
WY Pav	56169.649±0.004	0.051	49783	LS	BH Peg	56149.536±0.003	−0.146	26185	C
BN Pav	56060.872±0.004	−0.192	48882	LS	BH Peg	56158.506±0.002	−0.150	26199	C
BN Pav	56130.624±0.002	−0.202	49005	LS	BH Peg	56160.431±0.003	−0.148	26202	C
BN Pav	56173.725±0.001	−0.206	49081	LS	BH Peg	56181.598±0.005	−0.133	26235	C
BN Pav	56197.544±0.002	−0.208	49123	LS	BH Peg	56190.563±0.005	−0.142	26249	C
BN Pav	56223.631±0.002	−0.211	49169	LS	BH Peg	56203.394±0.003	−0.131	26269	C
BP Pav	56047.745±0.001	0.085	51569	LS	BH Peg	56205.328±0.008	−0.120	26272	C
BP Pav	56049.855±0.001	0.045	51573	LS	BH Peg	56244.443±0.003	−0.106	26333	C
BP Pav	56058.817±0.002	−0.129	51590	LS	CG Peg	56108.505±0.002	−0.058	36405	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
CG Peg	56109.442±0.002	−0.054	36407	C	TZ Phe	56207.638±0.003			LS
CG Peg	56122.519±0.002	−0.057	36435	C	TZ Phe	56210.712±0.005			LS
CG Peg	56130.460±0.003	−0.058	36452	C	TZ Phe	56213.788±0.004			LS
CG Peg	56138.404±0.002	−0.055	36469	C	TZ Phe	56215.631±0.005			LS
CG Peg	56150.546±0.002	−0.059	36495	C	TZ Phe	56223.640±0.005			LS
CG Peg	56157.555±0.001	−0.057	36510	C	TZ Phe	56231.646±0.007			LS
CG Peg	56164.563±0.002	−0.056	36525	C	TZ Phe	56239.647±0.006			LS
CG Peg	56186.518±0.002	−0.057	36572	C	TZ Phe	56242.727±0.005			LS
CG Peg	56230.427±0.002	−0.059	36666	C	TZ Phe	56247.648±0.005			LS
CG Peg	56237.433±0.002	−0.059	36681	C	TZ Phe	56252.569±0.004			LS
CG Peg	56239.302±0.002	−0.059	36685	C	U Pic	55936.742±0.002	0.071	32405	LS
CV Peg	56136.455±0.003	−0.063	55770	C	U Pic	56194.806±0.002	0.077	32991	LS
CV Peg	56150.526±0.002	−0.064	55795	C	U Pic	56198.767±0.002	0.075	33000	LS
CV Peg	56155.589±0.002	−0.067	55804	C	U Pic	56221.670±0.003	0.079	33052	LS
CV Peg	56229.327±0.002	−0.066	55935	C	U Pic	56232.677±0.002	0.076	33077	LS
DZ Peg	56135.455±0.002	0.169	36625	C	U Pic	56246.771±0.002	0.079	33109	LS
DZ Peg	56138.491±0.002	0.169	36630	C	U Pic	56247.651±0.003	0.078	33111	LS
DZ Peg	56141.528±0.004	0.169	36635	C	U Pic	56262.624±0.002	0.078	33145	LS
DZ Peg	56166.429±0.003	0.169	36676	C	U Pic	56265.706±0.002	0.077	33152	LS
DZ Peg	56177.362±0.004	0.170	36694	C	U Pic	56284.642±0.002	0.077	33195	LS
DZ Peg	56186.471±0.002	0.168	36709	C	RY Psc	56133.767±0.002	0.620	25395	LS
DZ Peg	56189.507±0.003	0.168	36714	C	RY Psc	56168.739±0.005	0.630	25461	LS
DZ Peg	56195.581±0.002	0.168	36724	C	RY Psc	56177.730±0.003	0.616	25478	LS
DZ Peg	56208.338±0.005	0.171	36745	C	RY Psc	56182.503±0.005	0.622	25487	C
DZ Peg	56234.453±0.004	0.170	36788	C	RY Psc	56194.687±0.003	0.623	25510	LS
DZ Peg	56237.482±0.003	0.163	36793	C	RY Psc	56209.520±0.004	0.624	25538	C
DZ Peg	56265.429±0.005	0.172	36839	C	RY Psc	56210.581±0.005	0.625	25540	LS
AR Per	55951.317±0.002	0.060	67476	C	RY Psc	56216.404±0.003	0.621	25551	C
AR Per	56164.522±0.002	0.065	67977	C	RY Psc	56219.584±0.004	0.623	25557	LS
AR Per	56167.499±0.002	0.063	67984	C	RY Psc	56220.641±0.003	0.621	25559	LS
AR Per	56187.501±0.003	0.065	68031	C	RY Psc	56243.434±0.004	0.636	25602	C
AR Per	56192.606±0.002	0.063	68043	C	RY Psc	56277.332±0.002	0.633	25666	C
AR Per	56209.627±0.002	0.062	68083	C	XX Pup	55932.637±0.002	0.518	27377	LS
AR Per	56210.479±0.002	0.063	68085	C	XX Pup	55933.672±0.002	0.518	27379	LS
AR Per	56228.353±0.002	0.064	68127	C	XX Pup	55977.633±0.001	0.519	27464	LS
AR Per	56237.292±0.002	0.066	68148	C	XX Pup	55978.669±0.002	0.521	27466	LS
AR Per	56239.416±0.002	0.063	68153	C	XX Pup	56006.597±0.002	0.521	27520	LS
AR Per	56247.501±0.002	0.062	68172	C	XX Pup	56007.630±0.002	0.520	27522	LS
AR Per	56265.374±0.002	0.062	68214	C	BB Pup	55969.690±0.001	0.130	35707	LS
AR Per	56280.269±0.001	0.062	68249	C	BB Pup	55996.601±0.001	0.130	35763	LS
AR Per	56291.333±0.002	0.062	68275	C	BB Pup	56288.778±0.003	0.136	36371	LS
AR Per	56292.610±0.002	0.063	68278	C	BB Pup	56289.737±0.002	0.134	36373	LS
AR Per	56293.462±0.002	0.064	68280	C	HH Pup	55960.754±0.001	0.008	44685	LS
RV Phe	56160.766±0.003	−0.208	23885	LS	HH Pup	55966.617±0.002	0.010	44700	LS
RV Phe	56166.727±0.003	−0.211	23895	LS	HH Pup	55969.743±0.001	0.010	44708	LS
RV Phe	56194.756±0.003	−0.214	23942	LS	HH Pup	55982.637±0.001	0.009	44741	LS
RV Phe	56203.707±0.003	−0.209	23957	LS	HH Pup	55991.625±0.001	0.010	44764	LS
RV Phe	56221.598±0.004	−0.210	23987	LS	HH Pup	56257.726±0.003	0.013	45445	LS
RV Phe	56237.699±0.004	−0.213	24014	LS	HH Pup	56264.757±0.002	0.011	45463	LS
RV Phe	56243.668±0.005	−0.208	24024	LS	HH Pup	56266.712±0.003	0.012	45468	LS
TZ Phe	56128.837±0.004			LS	HH Pup	56282.732±0.002	0.011	45509	LS
TZ Phe	56149.763±0.004			LS	HH Pup	56284.686±0.002	0.011	45514	LS
TZ Phe	56173.774±0.005			LS	HH Pup	56286.639±0.001	0.010	45519	LS
TZ Phe	56181.777±0.004			LS	HH Pup	56291.720±0.002	0.012	45532	LS
TZ Phe	56186.704±0.005			LS	HK Pup	55967.731±0.004	−0.311	26367	LS
TZ Phe	56194.707±0.003			LS	HK Pup	55973.603±0.003	−0.313	26375	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
HK Pup	56279.771±0.005	−0.322	26792	LS	RU Scl	56238.692±0.002	0.469	50909	LS
HK Pup	56282.697±0.004	−0.333	26796	LS	RU Scl	56239.677±0.003	0.467	50911	LS
V440 Sgr	56068.843±0.002	0.114	30492	LS	RU Scl	56243.623±0.003	0.467	50919	LS
V440 Sgr	56081.736±0.005	0.115	30519	LS	RU Scl	56244.610±0.002	0.467	50921	LS
V440 Sgr	56124.711±0.002	0.116	30609	LS	RU Scl	56245.594±0.002	0.464	50923	LS
V440 Sgr	56134.737±0.002	0.115	30630	LS	UZ Scl	56167.668±0.002	0.039	37975	LS
V440 Sgr	56136.648±0.002	0.117	30634	LS	UZ Scl	56175.751±0.002	0.038	37993	LS
V440 Sgr	56190.603±0.002	0.116	30747	LS	UZ Scl	56194.614±0.001	0.038	38035	LS
V675 Sgr	56039.813±0.005	0.088	43053	LS	UZ Scl	56203.598±0.002	0.039	38055	LS
V675 Sgr	56064.850±0.001	0.076	43092	LS	UZ Scl	56229.648±0.002	0.041	38113	LS
V675 Sgr	56066.775±0.002	0.073	43095	LS	VW Scl	56127.849±0.002	−0.001	55427	LS
V675 Sgr	56129.721±0.005	0.075	43193	LS	VW Scl	56147.775±0.002	−0.001	55466	LS
V675 Sgr	56149.639±0.004	0.082	43224	LS	VW Scl	56167.701±0.002	−0.000	55505	LS
V756 Sgr	56052.790±0.002	0.106	50801	LS	VW Scl	56168.724±0.003	0.001	55507	LS
V756 Sgr	56064.843±0.002	0.108	50824	LS	VW Scl	56190.692±0.002	−0.001	55550	LS
V756 Sgr	56115.667±0.002	0.107	50921	LS	VW Scl	56192.734±0.002	−0.002	55554	LS
V756 Sgr	56126.670±0.003	0.106	50942	LS	VW Scl	56194.781±0.002	0.001	55558	LS
V1130 Sgr	56067.794±0.002	0.043	50536	LS	VW Scl	56196.825±0.002	0.001	55562	LS
V1130 Sgr	56108.693±0.002	0.041	50608	LS	VW Scl	56214.703±0.002	−0.003	55597	LS
V1130 Sgr	56124.598±0.002	0.041	50636	LS	VW Scl	56232.588±0.002	0.000	55632	LS
V1130 Sgr	56149.594±0.002	0.042	50680	LS	VW Scl	56238.719±0.002	0.000	55644	LS
V1130 Sgr	56158.682±0.002	0.041	50696	LS	VW Scl	56257.623±0.002	0.001	55681	LS
V1130 Sgr	56162.658±0.002	0.041	50703	LS	VW Scl	56258.644±0.002	−0.000	55683	LS
V1176 Sgr	56039.779±0.002	0.155	97536	LS	VW Scl	56259.665±0.002	−0.001	55685	LS
V1176 Sgr	56050.779±0.004	0.155	97567	LS	VX Scl	56139.820±0.002	−1.925	22794	LS
V1176 Sgr	56099.731±0.002	0.143	97705	LS	VX Scl	56169.760±0.003	−1.940	22841	LS
V1176 Sgr	56119.598±0.003	0.140	97761	LS	VX Scl	56204.803±0.002	−1.950	22896	LS
V1176 Sgr	56130.596±0.002	0.139	97792	LS	VX Scl	56257.674±0.003	−1.978	22979	LS
V1646 Sgr	56121.871±0.003	0.160	40036	LS	AE Scl	56129.859±0.002	−0.261	27109	LS
V1646 Sgr	56131.672±0.003	0.161	40054	LS	AE Scl	56167.812±0.002	−0.264	27178	LS
V494 Sco	56061.777±0.003	−0.313	34951	LS	AE Scl	56220.632±0.002	−0.253	27274	LS
V494 Sco	56067.756±0.004	−0.316	34965	LS	AE Scl	56221.730±0.001	−0.254	27276	LS
V494 Sco	56118.605±0.003	−0.320	35084	LS	AE Scl	56231.629±0.002	−0.257	27294	LS
V494 Sco	56126.730±0.004	−0.314	35103	LS	AE Scl	56232.728±0.003	−0.259	27296	LS
V494 Sco	56159.626±0.002	−0.323	35180	LS	AE Scl	56242.628±0.002	−0.260	27314	LS
V690 Sco	56048.846±0.002	−0.024	28951	LS	AE Scl	56247.580±0.003	−0.259	27323	LS
V690 Sco	56050.815±0.002	−0.023	28955	LS	AE Scl	56259.686±0.003	−0.255	27345	LS
V690 Sco	56079.860±0.003	−0.021	29014	LS	VY Ser	56016.590±0.003	0.053	34717	C
V690 Sco	56117.760±0.002	−0.025	29091	LS	VY Ser	56033.734±0.006	0.059	34741	LS
V690 Sco	56161.570±0.002	−0.026	29180	LS	VY Ser	56058.719±0.006	0.051	34776	LS
V765 Sco	56032.819±0.002	0.145	56564	LS	VY Ser	56059.432±0.005	0.050	34777	C
V765 Sco	56046.731±0.004	0.148	56594	LS	AN Ser	55986.550±0.002	0.007	79065	C
V765 Sco	56047.654±0.002	0.143	56596	LS	AN Ser	56042.412±0.004	0.008	79172	C
V765 Sco	56058.784±0.002	0.145	56620	LS	AN Ser	56057.547±0.002	0.003	79201	C
V765 Sco	56059.711±0.002	0.145	56622	LS	AN Ser	56092.529±0.002	0.006	79268	C
V765 Sco	56085.677±0.002	0.146	56678	LS	AT Ser	56058.448±0.005	0.084	19101	C
V765 Sco	56098.661±0.002	0.148	56706	LS	AT Ser	56064.420±0.003	0.084	19109	C
V765 Sco	56117.669±0.002	0.146	56747	LS	AT Ser	56066.663±0.003	0.087	19112	LS
V765 Sco	56130.653±0.002	0.147	56775	LS	AT Ser	56075.624±0.003	0.090	19124	LS
RU Scl	56113.865±0.002	0.457	50656	LS	AT Ser	56093.534±0.003	0.083	19148	C
RU Scl	56161.728±0.003	0.466	50753	LS	AT Ser	56096.525±0.003	0.087	19152	C
RU Scl	56167.644±0.002	0.462	50765	LS	AT Ser	56099.512±0.004	0.088	19156	C
RU Scl	56191.819±0.002	0.463	50814	LS	AV Ser	56005.561±0.001	0.169	56736	C
RU Scl	56192.804±0.002	0.462	50816	LS	AV Ser	56033.839±0.002	0.169	56794	LS
RU Scl	56193.793±0.002	0.464	50818	LS	AV Ser	56059.681±0.002	0.171	56847	LS
RU Scl	56195.768±0.002	0.466	50822	LS	AV Ser	56064.549±0.002	0.163	56857	C

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
AV Ser	56102.572±0.002	0.157	56935	LS	AE Tuc	56265.663±0.003	0.115	53075	LS
AV Ser	56119.644±0.002	0.164	56970	LS	AE Tuc	56287.633±0.002	0.124	53128	LS
CS Ser	55990.648±0.003	0.024	47104	C	AG Tuc	56264.649±0.003	0.056	27336	LS
CS Ser	56017.516±0.002	0.025	47155	C	BK Tuc	56266.599±0.002	−0.005	35498	LS
CS Ser	56019.621±0.002	0.023	47159	C	BK Tuc	56288.599±0.002	−0.014	35538	LS
CS Ser	56022.782±0.002	0.023	47165	LS	RV UMa	55963.647±0.003	0.124	23262	C
CS Ser	56036.480±0.003	0.025	47191	C	RV UMa	55997.354±0.003	0.131	23334	C
CS Ser	56049.645±0.002	0.020	47216	LS	RV UMa	56054.448±0.002	0.122	23456	C
CS Ser	56064.388±0.002	0.013	47244	C	TU UMa	55951.478±0.002	−0.053	23527	C
DF Ser	55990.492±0.003	0.095	60038	C	TU UMa	55961.517±0.002	−0.052	23545	C
DF Ser	56010.629±0.001	0.093	60084	C	TU UMa	55979.363±0.002	−0.051	23577	C
DF Ser	56042.588±0.001	0.093	60157	C	TU UMa	55989.399±0.002	−0.053	23595	C
DF Ser	56050.471±0.002	0.096	60175	C	TU UMa	56008.360±0.002	−0.052	23629	C
DF Ser	56074.549±0.002	0.095	60230	C	TU UMa	56015.608±0.002	−0.054	23642	C
DF Ser	56089.432±0.002	0.093	60264	C	TU UMa	56029.549±0.002	−0.055	23667	C
DF Ser	56099.504±0.002	0.096	60287	C	TU UMa	56038.474±0.003	−0.052	23683	C
GZ Tel	56061.916±0.005	0.007	8651	LS	TU UMa	56285.513±0.003	−0.055	24126	C
GZ Tel	56171.659±0.002	0.010	8892	LS	TU UMa	56290.533±0.004	−0.054	24135	C
HH Tel	56100.635±0.002	−0.006	5949	LS	AB UMa	55934.660±0.005	0.123	32868	C
HH Tel	56115.584±0.003	−0.002	5980	LS	AB UMa	55963.451±0.008	0.134	32916	C
HY Tel	56115.777±0.002	0.005	8095	LS	AB UMa	55970.638±0.005	0.127	32928	C
HY Tel	56146.788±0.003	0.006	8172	LS	AB UMa	55984.421±0.003	0.119	32951	C
RW TrA	56005.745±0.002	−0.187	38810	LS	AB UMa	55997.617±0.005	0.125	32973	C
RW TrA	56008.736±0.003	−0.188	38818	LS	AB UMa	56006.621±0.006	0.135	32988	C
RW TrA	56012.851±0.002	−0.188	38829	LS	AB UMa	56280.622±0.007	0.129	33445	C
RW TrA	56018.836±0.002	−0.187	38845	LS	AB UMa	56283.626±0.005	0.135	33450	C
RW TrA	56024.819±0.001	−0.189	38861	LS	AB UMa	56292.627±0.008	0.143	33465	C
RW TrA	56071.575±0.002	−0.189	38986	LS	EX UMa [4]	55949.327±0.005	0.035	12778	C
RW TrA	56085.788±0.001	−0.190	39024	LS	EX UMa [4]	55975.374±0.005	0.026	12826	C
RW TrA	56123.564±0.002	−0.191	39125	LS	EX UMa [4]	55987.324±0.005	0.034	12848	C
RW TrA	56126.560±0.003	−0.188	39133	LS	EX UMa [4]	56003.602±0.004	0.027	12878	C
W Tuc	56168.633±0.001	0.186	30036	LS	EX UMa [4]	56026.409±0.005	0.035	12920	C
W Tuc	56171.848±0.002	0.189	30041	LS	EX UMa [4]	56248.424±0.004	0.032	13329	C
W Tuc	56193.681±0.003	0.186	30075	LS	EX UMa [4]	56279.361±0.006	0.028	13386	C
W Tuc	56195.611±0.003	0.190	30078	LS	KT UMa [5]	55947.445±0.006	0.054	10970	C
W Tuc	56207.816±0.004	0.192	30097	LS	KT UMa [5]	55962.514±0.006	0.068	10994	C
W Tuc	56225.800±0.003	0.194	30125	LS	KT UMa [5]	55964.383±0.006	0.055	10997	C
W Tuc	56243.778±0.003	0.189	30153	LS	KT UMa [5]	56002.650±0.005	0.057	11058	C
W Tuc	56254.696±0.003	0.190	30170	LS	KT UMa [5]	56023.347±0.006	0.053	11091	C
W Tuc	56256.623±0.004	0.190	30173	LS	KT UMa [5]	56043.422±0.005	0.054	11123	C
W Tuc	56290.664±0.003	0.193	30226	LS	KT UMa [5]	56051.584±0.004	0.061	11136	C
YY Tuc	56113.811±0.002	−0.076	22392	LS	KT UMa [5]	56273.651±0.005	0.064	11490	C
YY Tuc	56169.684±0.003	−0.085	22480	LS	KT UMa [5]	56280.558±0.007	0.071	11501	C
YY Tuc	56171.587±0.002	−0.087	22483	LS	KT UMa [5]	56290.584±0.006	0.060	11517	C
YY Tuc	56195.722±0.004	−0.083	22521	LS	KT UMa [5]	56292.475±0.006	0.069	11520	C
YY Tuc	56223.652±0.005	−0.094	22565	LS	AF Vel	55938.705±0.003	−0.182	27506	LS
YY Tuc	56230.638±0.003	−0.093	22576	LS	AF Vel	55939.757±0.002	−0.185	27508	LS
AE Tuc	56114.774±0.001	0.054	52711	LS	AF Vel	55957.677±0.002	−0.197	27542	LS
AE Tuc	56116.846±0.001	0.054	52716	LS	AF Vel	55966.639±0.002	−0.201	27559	LS
AE Tuc	56138.817±0.001	0.064	52769	LS	AF Vel	55967.694±0.002	−0.200	27561	LS
AE Tuc	56179.854±0.002	0.079	52868	LS	AF Vel	55994.605±0.003	−0.187	27612	LS
AE Tuc	56199.752±0.002	0.088	52916	LS	AF Vel	55997.776±0.003	−0.180	27618	LS
AE Tuc	56206.801±0.002	0.092	52933	LS	AF Vel	56015.693±0.002	−0.194	27652	LS
AE Tuc	56231.672±0.002	0.102	52993	LS	AF Vel	56025.711±0.002	−0.197	27671	LS
AE Tuc	56235.817±0.002	0.103	53003	LS	AF Vel	56053.678±0.002	−0.182	27724	LS
AE Tuc	56258.616±0.001	0.112	53058	LS	CD Vel	55936.669±0.003	−0.079	47456	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
CD Vel	55967.635±0.002	−0.081	47510	LS	AM Vir	56071.599±0.005	−0.043	47493	LS
CD Vel	55968.783±0.002	−0.080	47512	LS	AM Vir	56084.529±0.005	−0.030	47514	LS
CD Vel	55971.653±0.003	−0.078	47517	LS	AS Vir	56056.614±0.002	0.132	30540	LS
CD Vel	55972.800±0.003	−0.078	47519	LS	AT Vir	55948.607±0.002	−0.322	30945	C
CD Vel	55991.726±0.002	−0.077	47552	LS	AT Vir	55979.626±0.002	−0.325	31004	C
CD Vel	56025.561±0.002	−0.078	47611	LS	AT Vir	55987.509±0.001	−0.329	31019	C
FS Vel	55971.612±0.001	−0.052	34497	LS	AT Vir	55989.614±0.001	−0.327	31023	C
FS Vel	55978.749±0.002	−0.052	34512	LS	AT Vir	56000.655±0.002	−0.328	31044	LS
FS Vel	55989.690±0.001	−0.052	34535	LS	AT Vir	56001.705±0.002	−0.330	31046	LS
FS Vel	56009.672±0.001	−0.051	34577	LS	AT Vir	56008.542±0.002	−0.327	31059	C
FS Vel	56020.616±0.002	−0.049	34600	LS	AT Vir	56018.530±0.002	−0.330	31078	C
FS Vel	56059.626±0.002	−0.049	34682	LS	AT Vir	56039.562±0.002	−0.330	31118	LS
FS Vel	56071.522±0.002	−0.046	34707	LS	AT Vir	56069.532±0.002	−0.330	31175	LS
ST Vir	55975.579±0.001	−0.049	37094	C	AT Vir	56070.583±0.001	−0.331	31177	LS
ST Vir	55982.561±0.001	−0.051	37111	C	AV Vir	55988.650±0.003	0.021	22101	C
ST Vir	55993.661±0.002	−0.044	37138	C	AV Vir	56001.789±0.001	0.022	22121	LS
ST Vir	56004.747±0.001	−0.050	37165	LS	AV Vir	56032.665±0.003	0.023	22168	LS
ST Vir	56017.487±0.002	−0.045	37196	C	AV Vir	56038.572±0.002	0.018	22177	C
ST Vir	56020.773±0.001	−0.046	37204	LS	AV Vir	56063.536±0.004	0.020	22215	LS
ST Vir	56029.805±0.001	−0.052	37226	LS	AV Vir	56082.585±0.004	0.018	22244	LS
ST Vir	56045.422±0.001	−0.047	37264	C	AV Vir	56086.528±0.003	0.020	22250	LS
ST Vir	56056.508±0.002	−0.053	37291	C	BB Vir	55985.616±0.002	0.295	34752	C
ST Vir	56058.558±0.001	−0.057	37296	C	BB Vir	56001.634±0.001	0.295	34786	C
ST Vir	56060.618±0.003	−0.051	37301	LS	BB Vir	56011.528±0.002	0.296	34807	C
ST Vir	56064.725±0.001	−0.052	37311	LS	BB Vir	56018.594±0.002	0.296	34822	C
ST Vir	56072.532±0.002	−0.052	37330	C	BB Vir	56019.535±0.002	0.294	34824	C
ST Vir	56083.619±0.001	−0.057	37357	LS	BB Vir	56059.579±0.002	0.295	34909	LS
UU Vir	55950.559±0.001	−0.001	29758	C	BB Vir	56060.523±0.002	0.297	34911	C
UU Vir	56026.661±0.002	0.004	29918	LS	BB Vir	56067.589±0.001	0.297	34926	LS
UU Vir	56040.451±0.002	0.002	29947	C	BB Vir	56084.546±0.002	0.294	34962	LS
UU Vir	56056.623±0.001	0.003	29981	LS	BC Vir	56000.622±0.001	0.200	63910	C
UV Vir	55929.685±0.004	0.026	27146	C	BC Vir	56012.479±0.002	0.202	63931	C
UV Vir	55972.532±0.003	0.016	27219	C	BC Vir	56060.465±0.002	0.204	64016	C
UV Vir	55975.470±0.004	0.019	27224	C	BC Vir	56061.592±0.002	0.202	64018	LS
UV Vir	55977.816±0.003	0.016	27228	LS	BQ Vir	56001.599±0.006	−0.116	56837	C
UV Vir	55987.799±0.003	0.019	27245	LS	BQ Vir	56017.496±0.006	−0.117	56862	C
UV Vir	55989.559±0.003	0.018	27248	C	BQ Vir	56064.644±0.007	−0.026	56936	LS
UV Vir	56000.712±0.002	0.016	27267	LS	DO Vir	56002.738±0.003	0.234	55215	LS
UV Vir	56010.692±0.003	0.016	27284	LS	DO Vir	56008.596±0.002	0.232	55226	C
UV Vir	56015.392±0.005	0.019	27292	C	DO Vir	56011.792±0.002	0.232	55232	LS
UV Vir	56016.562±0.003	0.015	27294	C	DO Vir	56019.783±0.005	0.232	55247	LS
UV Vir	56033.600±0.003	0.028	27323	LS	DO Vir	56038.429±0.002	0.233	55282	C
UV Vir	56057.665±0.002	0.022	27364	LS	DO Vir	56056.540±0.003	0.231	55316	C
UV Vir	56060.597±0.005	0.019	27369	LS	DO Vir	56059.738±0.002	0.233	55322	LS
AF Vir	55985.611±0.002	−0.215	32355	C	DO Vir	56065.597±0.003	0.232	55333	LS
AF Vir	55986.578±0.002	−0.216	32357	C	EG Vir	55989.668±0.006	−0.030	30046	C
AF Vir	55988.510±0.002	−0.219	32361	C	EG Vir	56015.359±0.003	−0.044	30090	C
AF Vir	56009.804±0.002	−0.210	32405	LS	EG Vir	56016.529±0.003	−0.042	30092	C
AF Vir	56012.711±0.002	−0.205	32411	LS	EG Vir	56040.484±0.006	−0.040	30133	C
AF Vir	56017.544±0.002	−0.210	32421	C	V348 Vir	55983.773±0.003	0.164	3869	LS
AF Vir	56057.695±0.003	−0.211	32504	LS	V348 Vir	56004.721±0.005	0.199	3906	LS
AM Vir	56005.777±0.003	−0.050	47386	LS	V348 Vir	56017.705±0.007	0.183	3929	LS
AM Vir	56007.626±0.005	−0.047	47389	LS	V348 Vir	56038.600±0.003	0.165	3966	LS
AM Vir	56029.770±0.004	−0.046	47425	LS	V348 Vir	56056.662±0.005	0.140	3998	LS
AM Vir	56031.620±0.004	−0.041	47428	LS	V348 Vir	56099.647±0.006	0.169	4074	LS
AM Vir	56055.619±0.004	−0.031	47467	LS	SV Vol	55934.654±0.003	−0.010	37496	LS

Table 1 (cont.): maxima of RR Lyrae stars

Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs	Variable star	Maximum HJD 24...	$O-C$ (days)	E	Obs.
SV Vol	55937.706±0.003	0.014	37504	LS	SV Vol	56276.804±0.003	−0.024	38400	LS
SV Vol	55957.818±0.003	0.065	37557	LS	SV Vol	56278.642±0.003	−0.079	38405	LS
SV Vol	55959.653±0.002	0.008	37562	LS	SV Vol	56289.612±0.003	−0.085	38434	LS
SV Vol	55965.749±0.002	0.048	37578	LS	SV Vol	56292.659±0.004	−0.066	38442	LS
SV Vol	55967.581±0.002	−0.013	37583	LS	BN Vul	56071.513±0.001	0.072	17742	C
SV Vol	55970.627±0.002	0.006	37591	LS	BN Vul	56096.467±0.002	0.073	17784	C
SV Vol	55978.557±0.002	−0.013	37612	LS	BN Vul	56121.420±0.002	0.073	17826	C
SV Vol	55990.754±0.002	0.072	37644	LS	BN Vul	56128.551±0.001	0.074	17838	C
SV Vol	55992.586±0.002	0.012	37649	LS	BN Vul	56137.462±0.002	0.073	17853	C
SV Vol	55998.688±0.002	0.057	37665	LS	BN Vul	56143.403±0.003	0.073	17863	C
SV Vol	56004.788±0.002	0.101	37681	LS	BN Vul	56147.560±0.002	0.071	17870	C
SV Vol	56025.528±0.003	0.024	37736	LS	BN Vul	56162.416±0.002	0.074	17895	C
SV Vol	56050.525±0.001	0.040	37802	LS	BN Vul	56178.458±0.002	0.074	17922	C
SV Vol	56061.505±0.002	0.043	37831	LS	BN Vul	56209.351±0.002	0.072	17974	C
SV Vol	56259.724±0.003	−0.072	38355	LS	BN Vul	56225.392±0.003	0.072	18001	C
SV Vol	56262.775±0.002	−0.049	38363	LS					

* C = Calern, LS = La Silla
1 Boninsegna, 1990
2 Baldwin and Samolyk, 2003
3 Agerer and Moschner, 1996
4 Vandenbroere, 1995
5 Vandenbroere et al., 1999