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THE GEOS RR Lyr SURVEY

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

(GEOS Circular RR 48)

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We present here the fourteenth 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 819 maxima (Table 1), 789 maxima observed between January and December 2011 and 30 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 $O-C$ residuals are computed with the most recent GCVS elements (Samus et al., 2011) when available. Otherwise, the reference of the elements, if exists, is given as a footnote to Table 1. All stars are of RRab type except NU And which is an RRc star.

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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	55811.515±0.002	0.000	4694	C	VX Aps	55685.576±0.002	−0.238	44258	LS
SW And	55814.612±0.003	0.001	4701	C	VX Aps	55692.843±0.002	−0.240	44273	LS
SW And	55837.611±0.001	0.003	4753	C	VX Aps	55699.628±0.002	−0.239	44287	LS
SW And	55839.382±0.002	0.005	4757	C	VX Aps	55797.550±0.002	−0.201	44489	LS
SW And	55865.477±0.002	0.006	4816	C	VX Aps	55810.637±0.002	−0.199	44516	LS
SW And	55908.373±0.002	0.002	4913	C	XZ Aps	55668.544±0.003	−0.020	45883	LS
XX And	55782.424±0.002	0.003	2933	C	XZ Aps	55689.684±0.003	−0.028	45919	LS
XX And	55787.480±0.002	−0.001	2940	C	XZ Aps	55699.665±0.002	−0.033	45936	LS
XX And	55803.385±0.004	0.004	2962	C	XZ Aps	55729.617±0.002	−0.040	45987	LS
XX And	55805.552±0.005	0.002	2965	C	XZ Aps	55673.828±0.002	−0.023	45892	LS
XX And	55813.499±0.002	−0.001	2976	C	XZ Aps	55700.843±0.000	−0.030	45938	LS
XX And	55842.410±0.004	−0.000	3016	C	XZ Aps	55786.583±0.002	−0.056	46084	LS
XX And	55879.272±0.003	0.001	3067	C	BS Aps	55656.874±0.006	0.027	31305	LS
XX And	55889.392±0.003	0.003	3081	C	BS Aps	55669.691±0.003	0.028	31327	LS
XX And	55892.285±0.005	0.005	3085	C	BS Aps	55684.825±0.002	0.015	31353	LS
XX And	55910.351±0.002	0.002	3110	C	BS Aps	55708.716±0.002	0.022	31394	LS
AT And	55796.481±0.004	0.014	4067	C	BS Aps	55729.682±0.003	0.016	31430	LS
AT And	55801.415±0.003	0.013	4075	C	BS Aps	55785.614±0.002	0.022	31526	LS
AT And	55814.367±0.003	0.010	4096	C	BS Aps	55813.578±0.004	0.024	31574	LS
AT And	55815.605±0.003	0.014	4098	C	EX Aps	55683.850±0.002	0.017	58818	LS
AT And	55823.621±0.005	0.010	4111	C	EX Aps	55696.589±0.003	0.017	58845	LS
AT And	55888.398±0.004	0.011	4216	C	EX Aps	55724.895±0.002	0.016	58905	LS
AT And	55893.335±0.003	0.013	4224	C	EX Aps	55741.881±0.002	0.017	58941	LS
AT And	55904.436±0.002	0.009	4242	C	EX Aps	55764.528±0.002	0.017	58989	LS
AT And	55906.292±0.006	0.015	4245	C	EX Aps	55839.543±0.004	0.016	59148	LS
CI And	55782.526±0.002	−0.005	8955	C	SW Aqr	55765.507±0.001	0.020	6246	C
CI And	55784.463±0.002	−0.006	8959	C	SW Aqr	55770.561±0.001	0.021	6257	C
CI And	55785.432±0.001	−0.007	8961	C	SW Aqr	55783.422±0.002	0.022	6285	C
CI And	55811.603±0.002	−0.011	9015	C	SW Aqr	55799.497±0.001	0.022	6320	C
CI And	55813.543±0.002	−0.010	9019	C	SW Aqr	55804.550±0.002	0.022	6331	C
CI And	55836.323±0.002	−0.012	9066	C	SW Aqr	55834.403±0.001	0.020	6396	C
CI And	55842.627±0.002	−0.010	9079	C	SW Aqr	55846.348±0.002	0.023	6422	C
CI And	55843.594±0.002	−0.012	9081	C	SX Aqr	55753.521±0.002	−0.002	3492	C
DR And	55880.331±0.002	−0.067	5789	C	SX Aqr	55796.376±0.002	−0.003	3572	C
DR And	55916.348±0.003	−0.090	5853	C	SX Aqr	55799.590±0.002	−0.004	3578	C
NU And	55880.318±0.014	0.077	54950	C	SX Aqr	55804.411±0.002	−0.004	3587	C
NX And	55782.392±0.007	0.019	26450	C	TZ Aqr	55777.439±0.003	0.022	4998	C
NX And	55787.568±0.006	0.010	26458	C	WZ Aqr	55708.852±0.002	−0.022	4445	LS
NX And	55813.490±0.006	0.011	26498	C	WZ Aqr	55818.577±0.002	−0.024	4667	LS
BK Ant	55614.691±0.003	0.016	4799	LS	AA Aqr	55743.802±0.002	−0.021	3554	LS
TY Aps	54299.508±0.003	0.040	29048	LS	AA Aqr	55810.781±0.003	−0.020	3664	LS
TY Aps	55657.604±0.002	0.052	31755	LS	BO Aqr	55748.873±0.005	0.028	4072	LS
TY Aps	55665.632±0.002	0.053	31771	LS	BR Aqr	55796.596±0.001	0.003	7736	C
TY Aps	55670.643±0.002	0.047	31781	LS	BR Aqr	55797.559±0.002	0.002	7738	C
TY Aps	55685.691±0.002	0.044	31811	LS	BR Aqr	55862.613±0.002	0.003	7873	LS
TY Aps	55698.732±0.002	0.041	31837	LS	CP Aqr	55795.447±0.001	0.008	7986	C
TY Aps	55704.748±0.002	0.037	31849	LS	CP Aqr	55801.470±0.002	0.007	7999	C
TY Aps	55782.525±0.001	0.051	32004	LS	CP Aqr	55802.398±0.002	0.008	8001	C
TY Aps	55784.534±0.002	0.053	32008	LS	CP Aqr	55818.617±0.001	0.008	8036	LS
TY Aps	55785.535±0.002	0.051	32010	LS	CP Aqr	55828.347±0.002	0.006	8057	C
TY Aps	55786.538±0.003	0.051	32012	LS	DN Aqr	55783.843±0.004	−0.014	5917	LS
TY Aps	55791.551±0.003	0.047	32022	LS	OX Aqr	55771.831±0.003	0.094	5349	LS
VX Aps	54223.836±0.003	−0.006	41241	LS	AA Aql	55749.812±0.003	0.038	86798	LS
VX Aps	55667.649±0.002	−0.236	44221	LS	AA Aql	55754.516±0.002	0.038	86811	C
VX Aps	55668.616±0.003	−0.238	44223	LS	AA Aql	55763.561±0.002	0.039	86836	C
VX Aps	55684.605±0.003	−0.240	44256	LS	AA Aql	55766.455±0.001	0.038	86844	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.
AA Aql	55768.624±0.001	0.036	86850	LS	CM Boo	55657.537±0.003	−0.005	2947	C
AA Aql	55771.520±0.002	0.039	86858	C	U Cae	55910.748±0.001	−0.145	51445	LS
AA Aql	55779.478±0.002	0.037	86880	C	AH Cam	55583.478±0.002	−0.470	45709	C
AA Aql	55791.415±0.002	0.035	86913	C	AH Cam	55803.585±0.001	−0.497	46306	C
AA Aql	55799.377±0.001	0.038	86935	C	AH Cam	55810.612±0.002	−0.476	46325	C
AA Aql	55804.442±0.001	0.038	86949	C	AH Cam	55813.547±0.001	−0.491	46333	C
AA Aql	55818.552±0.001	0.038	86988	LS	AH Cam	55817.601±0.003	−0.493	46344	C
AA Aql	55824.338±0.002	0.036	87004	C	AH Cam	55831.631±0.002	−0.475	46382	C
AA Aql	55828.319±0.002	0.037	87015	C	AH Cam	55838.607±0.002	−0.505	46401	C
V341 Aql	55713.854±0.002	0.039	25116	LS	AH Cam	55840.479±0.003	−0.477	46406	C
V341 Aql	55763.562±0.002	0.037	25202	C	AH Cam	55841.586±0.003	−0.476	46409	C
V341 Aql	55792.462±0.001	0.036	25252	C	RW Cnc	55875.643±0.002	0.213	29823	C
V341 Aql	55796.509±0.002	0.037	25259	C	RW Cnc	55904.641±0.001	0.210	29876	C
V341 Aql	55799.400±0.001	0.038	25264	C	RW Cnc	55915.597±0.002	0.222	29896	C
V341 Aql	55836.391±0.002	0.036	25328	C	SS Cnc	55888.536±0.001	0.059	89318	C
S Ara	55412.581±0.002	−0.049	5860	LS	SS Cnc	55893.678±0.001	0.058	89332	C
IN Ara	55710.872±0.003	0.025	4605	LS	TT Cnc	55577.379±0.002	0.108	27745	C
IN Ara	55786.633±0.003	0.007	4725	LS	TT Cnc	55586.392±0.003	0.106	27761	C
MS Ara	55748.767±0.003	−0.051	5391	LS	TT Cnc	55600.492±0.002	0.120	27786	C
X Ari	55587.395±0.002	0.033	4135	C	TT Cnc	55626.399±0.002	0.108	27832	C
X Ari	55589.351±0.003	0.035	4138	C	TT Cnc	55872.640±0.002	0.122	28269	C
X Ari	55816.613±0.003	0.042	4487	C	TT Cnc	55889.538±0.003	0.116	28299	C
X Ari	55844.607±0.004	0.036	4530	C	AN Cnc	55918.667±0.002	0.156	32197	C
X Ari	55893.448±0.002	0.039	4605	C	AS Cnc	55914.592±0.002	0.390	27066	C
X Ari	55914.286±0.003	0.040	4637	C	AS Cnc	55921.386±0.002	0.391	27077	C
TZ Aur	55613.378±0.002	0.000	4754	C	EZ Cnc [1]	55903.678±0.002	−0.041	16032	C
TZ Aur	55642.364±0.002	0.002	4828	C	EZ Cnc [1]	55915.686±0.001	−0.041	16054	C
TZ Aur	55838.592±0.001	0.001	5329	C	W CVn	55586.530±0.002	−0.144	61955	C
TZ Aur	55849.560±0.002	0.002	5357	C	W CVn	55598.672±0.002	−0.140	61977	C
TZ Aur	55863.659±0.003	0.001	5393	C	W CVn	55614.672±0.002	−0.141	62006	C
TZ Aur	55892.642±0.001	0.000	5467	C	W CVn	55661.571±0.002	−0.142	62091	C
TZ Aur	55903.611±0.001	0.002	5495	C	Z CVn	55577.465±0.002	0.516	25459	C
TZ Aur	55912.618±0.002	0.001	5518	C	Z CVn	55673.601±0.002	0.541	25606	C
TZ Aur	55915.360±0.001	0.001	5525	C	Z CVn	55677.526±0.002	0.543	25612	C
TZ Aur	55923.585±0.001	0.001	5546	C	Z CVn	55692.560±0.003	0.539	25635	C
BH Aur	55914.397±0.001	0.004	4734	C	Z CVn	55700.411±0.002	0.544	25647	C
RS Boo	53089.528±0.002	−0.006	12162	C	RU CVn	55575.665±0.002	0.225	36794	C
RS Boo	53418.574±0.003	0.000	13034	C	RU CVn	55726.431±0.002	0.228	37057	C
RS Boo	53886.466±0.002	−0.008	14274	C	RZ CVn	55599.681±0.002	−0.149	26887	C
RS Boo	55576.569±0.002	−0.007	18753	C	RZ CVn	55627.483±0.002	−0.151	26936	C
RS Boo	55585.627±0.002	−0.005	18777	C	RZ CVn	55643.372±0.002	−0.149	26964	C
RS Boo	55594.681±0.002	−0.007	18801	C	RZ CVn	55698.412±0.002	−0.148	27061	C
RS Boo	55645.624±0.002	−0.004	18936	C	SS CVn	53899.544±0.002	0.165	29835	C
RS Boo	55670.530±0.002	−0.003	19002	C	SS CVn	55577.701±0.001	0.149	33342	C
RS Boo	55733.542±0.002	−0.006	19169	C	SS CVn	55669.576±0.002	0.148	33534	C
ST Boo	53099.533±0.004	0.045	7391	C	SS CVn	55705.454±0.001	0.137	33609	C
ST Boo	53450.504±0.003	0.047	7955	C	UZ CVn	55642.407±0.002	0.252	41868	C
ST Boo	55613.579±0.002	0.056	11431	C	UZ CVn	55683.579±0.003	0.255	41927	C
ST Boo	55735.570±0.002	0.078	11627	C	UZ CVn	55697.536±0.003	0.256	41947	C
ST Boo	55740.546±0.002	0.076	11635	C	UZ CVn	55923.623±0.003	0.261	42271	C
TW Boo	55585.524±0.002	−0.025	7563	C	AA CMi	55586.564±0.003	0.074	39910	C
TW Boo	55587.646±0.003	−0.032	7567	C	AL CMi	55564.757±0.005	0.474	34454	LS
TW Boo	55660.567±0.002	−0.033	7704	C	AL CMi	55574.660±0.003	0.468	34472	LS
TW Boo	55684.518±0.003	−0.034	7749	C	AL CMi	55590.627±0.003	0.471	34501	LS
CM Boo	55596.627±0.003	−0.008	2847	C	AL CMi	55601.639±0.002	0.473	34521	LS
CM Boo	55646.574±0.002	−0.005	2929	C	AL CMi	55901.669±0.002	0.480	35066	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.
RV Cap	55722.837±0.005	−0.035	48777	LS	RW Col	55909.777±0.005	−0.005	53098	LS
RV Cap	55765.826±0.003	−0.029	48873	LS	RX Col	55564.649±0.003	−0.050	45034	LS
TX Car	55570.763±0.002	0.131	51576	LS	RX Col	55583.641±0.002	−0.068	45066	LS
TX Car	55582.780±0.002	0.125	51596	LS	RX Col	55903.691±0.005	−0.207	45605	LS
TX Car	55585.784±0.002	0.123	51601	LS	RX Col	55906.659±0.005	−0.209	45610	LS
IU Car	55571.629±0.004	0.196	18824	LS	AV Col	55582.660±0.002	0.058	6225	LS
IU Car	55862.746±0.003	0.140	19219	LS	S Com	55646.623±0.003	−0.103	25558	C
IU Car	55899.594±0.004	0.130	19269	LS	S Com	55910.590±0.003	−0.102	26008	C
V363 Cas	53271.499±0.007	0.491	31340	C	ST Com	55662.424±0.005	−0.033	20767	C
V363 Cas	53323.411±0.009	0.482	31435	C	WW CrA	55679.764±0.002	−0.010	43599	LS
V363 Cas	54011.564±0.007	0.547	32694	C	WW CrA	55712.769±0.003	−0.014	43658	LS
V363 Cas	55753.512±0.004	0.687	35881	C	V413 CrA	55688.762±0.006	0.057	24075	LS
V363 Cas	55758.422±0.005	0.678	35890	C	V413 CrA	55744.752±0.008	0.059	24170	LS
V363 Cas	55764.447±0.006	0.691	35901	C	V413 CrA	55764.784±0.004	0.054	24204	LS
V363 Cas	55771.537±0.003	0.676	35914	C	TV CrB	55617.581±0.002	0.034	41051	C
V363 Cas	55776.451±0.004	0.671	35923	C	TV CrB	55641.544±0.002	0.028	41092	C
V363 Cas	55787.384±0.004	0.674	35943	C	TV CrB	55679.547±0.002	0.031	41157	C
V363 Cas	55789.572±0.004	0.676	35947	C	TV CrB	55741.511±0.002	0.026	41263	C
V363 Cas	55795.594±0.004	0.686	35958	C	TV CrB	55748.527±0.003	0.027	41275	C
V363 Cas	55805.428±0.006	0.682	35976	C	W Crt	55671.631±0.003	−0.026	38900	LS
V363 Cas	55812.554±0.005	0.703	35989	C	SW Cru	55586.758±0.002	0.064	90171	LS
V363 Cas	55818.534±0.004	0.671	36000	C	SW Cru	55607.738±0.003	0.066	90235	LS
V363 Cas	55836.589±0.005	0.691	36033	C	UY Cyg	55728.433±0.002	0.056	59380	C
V363 Cas	55842.589±0.004	0.679	36044	C	UY Cyg	55765.449±0.003	0.066	59446	C
V363 Cas	55845.328±0.005	0.685	36049	C	UY Cyg	55784.506±0.002	0.059	59480	C
V363 Cas	55854.634±0.006	0.700	36066	C	UY Cyg	55811.428±0.003	0.067	59528	C
V363 Cas	55892.354±0.004	0.709	36135	C	UY Cyg	55838.336±0.002	0.061	59576	C
BI Cen	54227.522±0.002	0.022	38698	LS	UY Cyg	55847.305±0.004	0.059	59592	C
BI Cen	55565.813±0.003	0.064	41651	LS	XZ Cyg [2]	55681.544±0.003	−0.010	15240	C
BI Cen	55570.793±0.003	0.059	41662	LS	XZ Cyg [2]	55688.550±0.002	−0.003	15255	C
BI Cen	55600.711±0.003	0.067	41728	LS	XZ Cyg [2]	55730.541±0.001	−0.006	15345	C
BI Cen	55668.683±0.002	0.061	41878	LS	XZ Cyg [2]	55744.529±0.003	−0.016	15375	C
BI Cen	55693.628±0.003	0.081	41933	LS	XZ Cyg [2]	55787.464±0.001	−0.008	15467	C
BI Cen	55694.534±0.003	0.081	41935	LS	XZ Cyg [2]	55795.391±0.002	−0.013	15484	C
BI Cen	55723.525±0.002	0.068	41999	LS	XZ Cyg [2]	55813.605±0.002	0.004	15523	C
BI Cen	55727.600±0.003	0.065	42008	LS	XZ Cyg [2]	55814.539±0.002	0.004	15525	C
V499 Cen	55611.751±0.002	0.034	27792	LS	DM Cyg	55776.579±0.003	0.072	31425	C
V499 Cen	55612.793±0.001	0.035	27794	LS	DM Cyg	55785.393±0.002	0.069	31446	C
AQ Cep	55912.669±0.002	0.070	42650	C	DM Cyg	55851.312±0.002	0.070	31603	C
FP Cep	55818.546±0.003	−0.042	39967	C	V939 Cyg [3]	55681.482±0.005	0.072	15206	C
RR Cet	55824.599±0.003	0.011	40944	C	V939 Cyg [3]	55795.424±0.005	0.079	15500	C
RR Cet	55840.640±0.003	0.014	40973	LS	V939 Cyg [3]	55813.638±0.004	0.079	15547	C
RR Cet	55841.744±0.003	0.012	40975	LS	BV Del	55743.495±0.005	0.023	71357	C
RR Cet	55889.308±0.003	0.016	41061	C	DU Del	55797.480±0.003	−0.180	46539	C
RR Cet	55920.275±0.003	0.013	41117	C	DX Del	55744.519±0.002	0.064	34652	C
RU Cet	55813.789±0.002	0.109	27269	LS	DX Del	55779.494±0.002	0.065	34726	C
RU Cet	55840.765±0.001	0.116	27315	LS	DX Del	55797.452±0.002	0.064	34764	C
RV Cet	55800.834±0.005	0.219	26768	LS	DX Del	55798.397±0.002	0.064	34766	C
RV Cet	55810.818±0.008	0.229	26784	LS	DX Del	55824.393±0.002	0.066	34821	C
RV Cet	55840.776±0.010	0.264	26832	LS	DX Del	55825.336±0.002	0.064	34823	C
RZ Cet	55851.732±0.003	−0.188	42978	LS	DX Del	55834.316±0.002	0.064	34842	C
RZ Cet	55852.761±0.002	−0.181	42980	LS	GV Del	55779.496±0.005	0.006	78516	C
UU Cet	55796.801±0.004	−0.145	24070	LS	GV Del	55797.369±0.006	0.044	78570	C
UU Cet	55810.742±0.004	−0.144	24093	LS	GV Del	55798.443±0.004	0.127	78573	C
RT Col	55903.742±0.003	−0.288	52413	LS	GV Del	55824.413±0.005	0.004	78652	C
RW Col	55908.686±0.002	−0.037	53096	LS	RT Dor	55844.793±0.003	−0.067	51938	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.
VW Dor	55563.801±0.003	−0.143	30116	LS	BD Dra	55784.482±0.002	0.617	23783	C
VW Dor	55578.640±0.002	−0.140	30142	LS	BD Dra	55787.425±0.002	0.615	23788	C
VW Dor	55846.804±0.002	−0.162	30612	LS	BD Dra	55807.457±0.003	0.619	23822	C
VW Dor	55850.804±0.002	−0.157	30619	LS	BD Dra	55817.424±0.005	0.572	23839	C
RW Dra	54256.453±0.002	0.151	33593	C	BD Dra	55821.585±0.003	0.610	23846	C
RW Dra	54904.496±0.005	0.207	35056	C	BD Dra	55831.607±0.002	0.618	23863	C
RW Dra	55628.648±0.002	0.189	36691	C	BD Dra	55840.412±0.004	0.587	23878	C
RW Dra	55669.394±0.002	0.187	36783	C	BD Dra	55841.584±0.005	0.581	23880	C
RW Dra	55726.563±0.001	0.220	36912	C	BD Dra	55903.465±0.002	0.612	23985	C
RW Dra	55757.554±0.002	0.207	36982	C	BK Dra	55739.432±0.002	−0.160	51034	C
RW Dra	55777.489±0.002	0.210	37027	C	BK Dra	55765.482±0.003	−0.162	51078	C
SU Dra	55576.347±0.003	0.056	17677	C	BK Dra	55784.433±0.002	−0.157	51110	C
SU Dra	55579.653±0.004	0.060	17682	C	BK Dra	55803.376±0.002	−0.161	51142	C
SU Dra	55583.612±0.004	0.056	17688	C	BT Dra	55641.416±0.002	−0.016	42310	C
SU Dra	55597.482±0.002	0.057	17709	C	BT Dra	55662.606±0.002	−0.018	42346	C
SU Dra	55626.543±0.003	0.060	17753	C	BT Dra	55741.489±0.003	−0.018	42480	C
SU Dra	55657.580±0.002	0.057	17800	C	RX Eri	55863.741±0.003	−0.008	58189	LS
SW Dra	55589.422±0.002	0.059	51547	C	RX Eri	55910.719±0.003	−0.010	58269	LS
SW Dra	55601.387±0.002	0.060	51568	C	XY Eri	54448.746±0.004	−0.230	53559	LS
SW Dra	55667.468±0.002	0.060	51684	C	RX For	55841.737±0.002	−0.054	26804	LS
SW Dra	55672.597±0.003	0.062	51693	C	SW For	55812.735±0.004	0.446	26711	LS
XZ Dra	55697.578±0.002	−0.130	28897	C	SW For	55824.795±0.005	0.450	26726	LS
XZ Dra	55728.548±0.002	−0.132	28962	C	SW For	55841.667±0.004	0.443	26747	LS
XZ Dra	55749.521±0.002	−0.125	29006	C	RR Gem	53375.528±0.002	−0.323	30250	C
XZ Dra	55758.572±0.002	−0.127	29025	C	RR Gem	55586.435±0.002	−0.449	35815	C
XZ Dra	55779.536±0.002	−0.129	29069	C	RR Gem	55602.325±0.001	−0.452	35855	C
XZ Dra	55790.492±0.002	−0.133	29092	C	RR Gem	55611.466±0.002	−0.449	35878	C
XZ Dra	55791.446±0.002	−0.132	29094	C	SZ Gem	55585.354±0.002	−0.060	56654	C
XZ Dra	55789.545±0.003	−0.127	29090	C	SZ Gem	55598.380±0.002	−0.063	56680	C
XZ Dra	55802.404±0.002	−0.133	29117	C	SZ Gem	55903.569±0.001	−0.067	57289	C
BC Dra	55583.499±0.007	0.096	18490	C	SZ Gem	55913.594±0.002	−0.065	57309	C
BC Dra	55601.489±0.005	0.096	18515	C	SZ Gem	55920.607±0.001	−0.067	57323	C
BC Dra	55611.562±0.005	0.095	18529	C	GI Gem	55597.410±0.001	0.070	58280	C
BC Dra	55627.397±0.004	0.100	18551	C	GI Gem	55865.599±0.001	0.069	58899	C
BC Dra	55657.614±0.006	0.094	18593	C	GI Gem	55912.393±0.002	0.069	59007	C
BC Dra	55683.519±0.005	0.095	18629	C	GI Gem	55913.691±0.001	0.068	59010	C
BC Dra	55691.433±0.004	0.093	18640	C	GI Gem	55922.356±0.002	0.067	59030	C
BC Dra	55760.514±0.003	0.095	18736	C	TW Her	55770.570±0.002	−0.013	85649	C
BC Dra	55765.551±0.003	0.095	18743	C	VX Her	55677.583±0.003	−0.452	74505	C
BC Dra	55778.503±0.003	0.095	18761	C	VX Her	55688.513±0.003	−0.451	74529	C
BC Dra	55791.457±0.004	0.096	18779	C	VZ Her	55656.579±0.001	0.071	42849	C
BC Dra	55834.626±0.005	0.091	18839	C	VZ Her	55753.452±0.002	0.072	43069	C
BC Dra	55840.389±0.006	0.097	18847	C	VZ Her	55779.430±0.002	0.071	43128	C
BC Dra	55845.429±0.004	0.100	18854	C	VZ Her	55801.447±0.001	0.071	43178	C
BC Dra	55879.249±0.005	0.100	18901	C	VZ Her	55812.455±0.002	0.071	43203	C
BD Dra	55589.521±0.002	0.632	23452	C	AR Her	55627.647±0.003	−1.334	30157	C
BD Dra	55595.376±0.003	0.597	23462	C	AR Her	55667.611±0.002	−1.323	30242	C
BD Dra	55613.681±0.004	0.641	23493	C	AR Her	55683.557±0.005	−1.358	30276	C
BD Dra	55625.442±0.003	0.621	23513	C	AR Her	55700.516±0.002	−1.320	30312	C
BD Dra	55672.554±0.004	0.609	23593	C	AR Her	55740.443±0.002	−1.345	30397	C
BD Dra	55691.420±0.005	0.625	23625	C	AR Her	55778.501±0.002	−1.359	30478	C
BD Dra	55728.536±0.002	0.631	23688	C	DL Her	55684.570±0.005	0.046	29539	C
BD Dra	55754.454±0.002	0.631	23732	C	DL Her	55687.524±0.003	0.042	29544	C
BD Dra	55764.429±0.003	0.592	23749	C	DL Her	55748.452±0.003	0.033	29647	C
BD Dra	55771.506±0.004	0.600	23761	C	DL Her	55764.445±0.003	0.052	29674	C
BD Dra	55778.594±0.003	0.620	23773	C	DL Her	55777.442±0.003	0.033	29696	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	55677.605±0.005	0.305	23952	C	AX Leo	55576.662±0.004	−0.027	41732	C
V593 Her	55704.495±0.003	−0.130	31999	C	AX Leo	55579.561±0.007	−0.035	41736	C
V650 Her	55739.518±0.002	0.036	31405	C	AX Leo	55662.417±0.005	−0.038	41850	C
V698 Her	55739.573±0.002	0.127	32092	C	V LMi	55576.411±0.003	0.034	66271	C
UU Hor	55842.805±0.002	0.179	48347	LS	V LMi	55669.422±0.002	0.035	66442	C
UU Hor	55844.740±0.002	0.183	48350	LS	V LMi	55670.508±0.002	0.033	66444	C
UU Hor	55904.599±0.002	0.180	48443	LS	V LMi	55888.619±0.002	0.032	66845	C
SZ Hya	55587.578±0.009	−0.250	27750	C	V LMi	55919.622±0.001	0.032	66902	C
SZ Hya	55627.366±0.002	−0.218	27824	C	U Lep	55563.672±0.005	0.048	24440	LS
UU Hya	55614.612±0.003	0.007	30801	LS	AO Lep	55575.631±0.005	−0.015	3228	LS
UU Hya	55921.624±0.002	0.033	31387	C	VY Lib	55722.531±0.002	−0.036	27303	LS
XX Hya	55591.616±0.002	0.035	31037	LS	VY Lib	55770.590±0.004	−0.031	27393	LS
BI Hya	55577.715±0.002	0.243	52570	LS	XX Lib	55730.644±0.005	0.126	39768	LS
BI Hya	55578.770±0.002	0.244	52572	LS	TT Lyn	55584.602±0.003	−0.046	31691	C
BI Hya	55597.721±0.001	0.243	52608	LS	TT Lyn	55589.387±0.002	−0.041	31699	C
BI Hya	55664.584±0.002	0.245	52735	LS	TT Lyn	55601.334±0.002	−0.042	31719	C
DD Hya	55586.501±0.002	−0.170	27684	C	TT Lyn	55917.376±0.002	−0.043	32248	C
DD Hya	55612.584±0.001	−0.179	27736	LS	TT Lyn	55920.365±0.004	−0.041	32253	C
DD Hya	55614.593±0.001	−0.177	27740	LS	TW Lyn	55584.405±0.003	0.058	21919	C
DD Hya	55622.629±0.001	−0.170	27756	LS	TW Lyn	55587.297±0.002	0.058	21925	C
DD Hya	55889.556±0.002	−0.187	28288	C	TW Lyn	55595.488±0.002	0.058	21942	C
DD Hya	55893.575±0.001	−0.183	28296	C	TW Lyn	55626.331±0.003	0.062	22006	C
DD Hya	55913.647±0.002	−0.182	28336	C	TW Lyn	55845.575±0.002	0.060	22461	C
DD Hya	55914.649±0.001	−0.183	28338	C	TW Lyn	55846.540±0.002	0.061	22463	C
DH Hya	55578.798±0.002	0.077	49903	LS	TW Lyn	55904.362±0.002	0.060	22583	C
ET Hya	55585.650±0.005	0.151	28685	LS	RZ Lyr	53897.517±0.003	0.006	24869	C
ET Hya	55587.711±0.004	0.156	28688	LS	RZ Lyr	53916.435±0.002	0.008	24906	C
FY Hya	55673.724±0.003	0.012	22908	LS	RZ Lyr	55078.462±0.002	−0.018	27179	C
FY Hya	55691.553±0.003	0.015	22936	LS	RZ Lyr	55672.513±0.002	−0.031	28341	C
GO Hya	55587.426±0.003	−0.077	47040	C	RZ Lyr	55673.532±0.002	−0.034	28343	C
GO Hya	55891.644±0.004	−0.076	47518	C	RZ Lyr	55741.543±0.002	−0.019	28476	C
IK Hya	55654.556±0.002	−0.104	26451	LS	RZ Lyr	55758.407±0.003	−0.026	28509	C
TW Hyi	55907.645±0.005	0.013	24345	LS	RZ Lyr	55763.514±0.002	−0.031	28519	C
PW Lac	55743.546±0.001	0.180	35570	C	RZ Lyr	55764.536±0.002	−0.031	28521	C
RR Leo	55576.633±0.003	0.110	27147	C	RZ Lyr	55785.495±0.002	−0.034	28562	C
RR Leo	55614.634±0.003	0.110	27231	C	RZ Lyr	55804.410±0.001	−0.035	28599	C
RR Leo	55643.586±0.001	0.109	27295	C	AW Lyr	55740.525±0.003	−0.046	61130	C
RR Leo	55890.602±0.002	0.118	27841	C	CN Lyr	55740.541±0.002	0.021	27357	C
RR Leo	55904.625±0.001	0.117	27872	C	CN Lyr	55743.421±0.002	0.021	27364	C
RX Leo	55577.572±0.004	0.103	29493	C	CN Lyr	55785.386±0.002	0.025	27466	C
RX Leo	55602.398±0.002	0.099	29531	C	CN Lyr	55792.377±0.002	0.023	27483	C
RX Leo	55658.593±0.003	0.101	29617	C	CN Lyr	55813.356±0.002	0.021	27534	C
RX Leo	55662.509±0.004	0.096	29623	C	CN Lyr	55815.412±0.004	0.020	27539	C
RX Leo	55901.666±0.005	0.105	29989	C	CN Lyr	55841.333±0.003	0.024	27602	C
SS Leo	55579.694±0.002	−0.076	22030	C	CR Lyr	55789.527±0.002	−0.015	52754	C
SS Leo	55598.486±0.002	−0.074	22060	C	CR Lyr	55841.322±0.005	−0.029	52859	C
SS Leo	55625.421±0.004	−0.072	22103	C	EZ Lyr	55402.384±0.003	−0.128	40909	C
SS Leo	55628.548±0.005	−0.076	22108	C	EZ Lyr	55777.421±0.003	−0.132	41623	C
SS Leo	55662.373±0.002	−0.074	22162	C	EZ Lyr	55798.432±0.004	−0.131	41663	C
ST Leo	55596.478±0.002	−0.019	57896	C	EZ Lyr	55807.362±0.003	−0.131	41680	C
ST Leo	55908.601±0.002	−0.020	58549	C	EZ Lyr	55818.394±0.003	−0.130	41701	C
ST Leo	55917.683±0.001	−0.020	58568	C	FN Lyr	55757.550±0.002	0.029	41578	C
TV Leo	55590.706±0.003	0.116	27568	LS	IK Lyr	55779.470±0.006	−0.132	64041	C
TV Leo	55592.725±0.002	0.116	27571	LS	IK Lyr	55831.385±0.003	−0.169	64167	C
AA Leo	55917.717±0.002	−0.088	27263	C	IO Lyr	55660.597±0.002	−0.039	27796	C
AE Leo	55917.599±0.002	0.073	57566	C	IO Lyr	55757.551±0.002	−0.042	27964	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.
IO Lyr	55760.441±0.002	−0.038	27969	C	V455 Oph	55799.483±0.003	−0.281	30769	C
IO Lyr	55779.485±0.002	−0.039	28002	C	V784 Oph	55694.852±0.003	0.074	40757	LS
IO Lyr	55783.522±0.002	−0.041	28009	C	CM Ori	55564.651±0.004	−0.011	46143	LS
IO Lyr	55787.570±0.003	−0.033	28016	C	TY Pav	55668.783±0.003	0.190	19899	LS
IO Lyr	55797.376±0.002	−0.038	28033	C	TY Pav	55688.675±0.004	0.191	19927	LS
IO Lyr	55812.384±0.002	−0.036	28059	C	TY Pav	55843.533±0.003	0.182	20145	LS
IO Lyr	55827.387±0.002	−0.037	28085	C	WY Pav	55705.852±0.005	0.055	48995	LS
NQ Lyr	55757.576±0.003	0.001	64488	C	WY Pav	55725.868±0.003	0.059	49029	LS
V340 Lyr	55741.589±0.004	−0.029	44204	C	WY Pav	55787.668±0.005	0.058	49134	LS
AV Men	55901.671±0.003	−0.007	4988	LS	BN Pav	55749.521±0.002	−0.165	48333	LS
AV Men	55907.776±0.002	−0.007	4999	LS	BN Pav	55814.738±0.002	−0.173	48448	LS
Z Mic	55818.663±0.005	−0.124	24230	LS	BN Pav	55818.708±0.004	−0.173	48455	LS
DV Mon	55575.624±0.002	0.060	73366	LS	BP Pav	55696.679±0.002	−0.059	50916	LS
V895 Mon	55585.620±0.002	−0.027	5154	LS	BP Pav	55699.842±0.003	−0.121	50922	LS
TX Mus	55580.816±0.003	0.089	66185	LS	BP Pav	55724.616±0.002	−0.067	50968	LS
TX Mus	55581.764±0.002	0.091	66187	LS	DN Pav	55769.877±0.003	0.114	31138	LS
TX Mus	55670.729±0.002	0.089	66375	LS	DN Pav	55786.741±0.002	0.114	31174	LS
TX Mus	55672.622±0.003	0.089	66379	LS	DN Pav	55817.659±0.002	0.115	31240	LS
TX Mus	55698.649±0.003	0.089	66434	LS	DN Pav	55841.549±0.001	0.115	31291	LS
TX Mus	55725.621±0.002	0.087	66491	LS	VV Peg	55785.589±0.001	−0.017	33572	C
EM Mus	55667.577±0.002	−0.186	36661	LS	VV Peg	55793.401±0.001	−0.018	33588	C
EM Mus	55672.717±0.002	−0.186	36672	LS	VV Peg	55805.611±0.002	−0.019	33613	C
EM Mus	55677.856±0.002	−0.187	36683	LS	VV Peg	55828.564±0.003	−0.020	33660	C
EM Mus	55693.744±0.002	−0.187	36717	LS	VV Peg	55836.379±0.002	−0.019	33676	C
EM Mus	55694.681±0.002	−0.185	36719	LS	VV Peg	55904.267±0.002	−0.017	33815	C
EM Mus	55723.652±0.002	−0.186	36781	LS	AO Peg	55743.516±0.002	0.039	55239	C
Y Oct	55686.649±0.003	−0.310	42232	LS	AV Peg	55744.507±0.002	0.137	30622	C
Y Oct	55741.608±0.002	−0.314	42317	LS	AV Peg	55771.443±0.002	0.137	30691	C
Y Oct	55787.515±0.002	−0.318	42388	LS	AV Peg	55773.395±0.003	0.137	30696	C
RV Oct	55723.604±0.003	0.141	71095	LS	AV Peg	55792.523±0.001	0.137	30745	C
RY Oct	55813.858±0.003	0.052	49384	LS	AV Peg	55797.599±0.001	0.137	30758	C
SS Oct	55727.885±0.004	−0.000	44558	LS	AV Peg	55798.379±0.002	0.137	30760	C
SS Oct	55813.692±0.002	−0.005	44696	LS	AV Peg	55807.359±0.002	0.139	30783	C
SS Oct	55846.656±0.004	0.002	44749	LS	AV Peg	55832.344±0.003	0.140	30847	C
SS Oct	55849.763±0.005	−0.000	44754	LS	BH Peg	55783.532±0.002	−0.143	25614	C
UV Oct	54608.862±0.002	−0.143	37375	LS	BH Peg	55785.457±0.003	−0.141	25617	C
UV Oct	55670.703±0.004	−0.219	39332	LS	BH Peg	55799.557±0.002	−0.143	25639	C
UV Oct	55688.614±0.004	−0.215	39365	LS	BH Peg	55803.401±0.003	−0.144	25645	C
UV Oct	55701.637±0.003	−0.215	39389	LS	BH Peg	55837.380±0.003	−0.138	25698	C
UV Oct	55723.875±0.002	−0.225	39430	LS	BH Peg	55839.304±0.003	−0.137	25701	C
UV Oct	55726.589±0.002	−0.224	39435	LS	CG Peg	55773.570±0.002	−0.054	35688	C
UV Oct	55784.637±0.002	−0.237	39542	LS	CG Peg	55801.597±0.002	−0.056	35748	C
UW Oct	55713.808±0.003	−0.014	48092	LS	CG Peg	55848.310±0.002	−0.056	35848	C
UW Oct	55729.815±0.004	−0.009	48128	LS	CG Peg	55890.353±0.003	−0.056	35938	C
UW Oct	55779.591±0.003	−0.016	48240	LS	CG Peg	55891.288±0.001	−0.055	35940	C
UW Oct	55797.812±0.004	−0.019	48281	LS	CV Peg	55773.401±0.003	−0.059	55125	C
UW Oct	55850.708±0.003	−0.017	48400	LS	CV Peg	55778.468±0.004	−0.058	55134	C
UW Oct	55903.603±0.003	−0.016	48519	LS	DZ Peg	55779.548±0.003	0.166	36039	C
DY Oct	55563.825±0.003	0.002	3213	LS	DZ Peg	55796.555±0.002	0.167	36067	C
ST Oph	55767.539±0.002	−0.026	60710	LS	DZ Peg	55798.378±0.003	0.168	36070	C
V408 Oph	55797.415±0.002			C	DZ Peg	55804.452±0.002	0.169	36080	C
V445 Oph	55678.596±0.002	0.035	70865	C	DZ Peg	55812.348±0.002	0.169	36093	C
V455 Oph	55739.567±0.002	−0.281	30637	C	DZ Peg	55832.387±0.002	0.166	36126	C
V455 Oph	55749.559±0.003	−0.275	30659	C	DZ Peg	55849.397±0.004	0.170	36154	C
V455 Oph	55764.533±0.002	−0.280	30692	C	DZ Peg	55908.306±0.003	0.167	36251	C
V455 Oph	55795.395±0.002	−0.284	30760	C	AR Per	55596.408±0.002	0.059	66642	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.
AR Per	55812.589±0.002	0.061	67150	C	CS Ser	55678.781±0.002	0.020	46512	LS
AR Per	55818.546±0.002	0.061	67164	C	RV Sex	55670.652±0.002	0.056	51707	LS
AR Per	55839.400±0.002	0.063	67213	C	SS Tau	55909.668±0.002	0.091	45622	LS
AR Per	55846.633±0.002	0.061	67230	C	GZ Tel	55788.704±0.003	0.007	8051	LS
AR Per	55865.357±0.002	0.061	67274	C	RW TrA	55675.842±0.002	−0.183	37928	LS
RV Phe	55817.833±0.004	−0.200	23310	LS	RW TrA	55697.535±0.002	−0.185	37986	LS
RV Phe	55844.668±0.005	−0.204	23355	LS	RW TrA	55706.887±0.001	−0.183	38011	LS
TZ Phe	55784.724±0.007			LS	RW TrA	55712.871±0.002	−0.185	38027	LS
TZ Phe	55811.806±0.006			LS	RW TrA	55730.827±0.004	−0.183	38075	LS
TZ Phe	55819.807±0.005			LS	RW TrA	55787.678±0.002	−0.186	38227	LS
TZ Phe	55840.729±0.004			LS	RW TrA	55817.603±0.003	−0.185	38307	LS
U Pic	55563.746±0.003	0.069	31558	LS	RW TrA	55844.533±0.002	−0.186	38379	LS
U Pic	55851.752±0.001	0.073	32212	LS	W Tuc	55563.644±0.005	0.177	29094	LS
RY Psc	55812.749±0.002	0.606	24789	LS	AE Tuc	55784.809±0.002	−0.078	51915	LS
XX Pup	55571.629±0.004	0.502	26679	LS	AE Tuc	55785.638±0.001	−0.078	51917	LS
XX Pup	55574.736±0.002	0.506	26685	LS	AE Tuc	55786.882±0.001	−0.077	51920	LS
XX Pup	55615.594±0.002	0.507	26764	LS	AE Tuc	55787.712±0.002	−0.076	51922	LS
XX Pup	55918.672±0.002	0.517	27350	LS	AE Tuc	55812.582±0.001	−0.068	51982	LS
CR Pup	55578.689±0.005	0.319	39323	LS	AE Tuc	55818.800±0.001	−0.065	51997	LS
HH Pup	55576.651±0.003	0.008	43702	LS	AE Tuc	55822.534±0.003	−0.060	52006	LS
HH Pup	55583.687±0.002	0.011	43720	LS	RV UMa	53101.428±0.005	0.092	17147	LS
HH Pup	55910.740±0.001	0.010	44557	LS	RV UMa	53107.512±0.003	0.091	17160	LS
HK Pup	55586.677±0.002	−0.295	25848	LS	RV UMa	53195.503±0.002	0.087	17348	LS
V440 Sgr	55798.583±0.002	0.107	29926	LS	RV UMa	53444.519±0.004	0.095	17880	LS
V440 Sgr	55799.542±0.002	0.111	29928	LS	RV UMa	53488.519±0.003	0.098	17974	LS
V440 Sgr	55819.595±0.003	0.109	29970	LS	RV UMa	55583.585±0.004	0.127	22450	C
V675 Sgr	55705.807±0.003	0.072	42533	LS	RV UMa	55598.559±0.003	0.123	22482	C
V675 Sgr	55723.796±0.002	0.077	42561	LS	RV UMa	55599.490±0.002	0.118	22484	C
V675 Sgr	55770.682±0.003	0.076	42634	LS	RV UMa	55613.539±0.002	0.125	22514	C
V675 Sgr	55788.665±0.002	0.075	42662	LS	RV UMa	55656.597±0.001	0.121	22606	C
V675 Sgr	55797.654±0.003	0.072	42676	LS	RV UMa	55660.343±0.002	0.123	22614	C
V756 Sgr	55669.763±0.002	0.100	50070	LS	RV UMa	55671.577±0.002	0.124	22638	C
V1130 Sgr	55807.622±0.003	0.042	50078	LS	TU UMa	55594.584±0.002	−0.045	22887	C
V1176 Sgr	55680.749±0.002	−0.158	96525	LS	TU UMa	55660.385±0.002	−0.048	23005	C
V1176 Sgr	55788.595±0.002	−0.175	96829	LS	TU UMa	55903.524±0.005	−0.048	23441	C
V1646 Sgr	55698.846±0.002	0.167	39259	LS	AB UMa	55575.501±0.010	0.111	32269	C
V494 Sco	55691.749±0.003	−0.271	34085	LS	AB UMa	55587.505±0.006	0.123	32289	C
V494 Sco	55798.571±0.003	−0.282	34335	LS	AB UMa	55671.445±0.005	0.122	32429	C
V690 Sco	55668.831±0.003	−0.017	28179	LS	AB UMa	55683.433±0.007	0.119	32449	C
V690 Sco	55705.745±0.002	−0.023	28254	LS	AB UMa	55919.684±0.006	0.137	32843	C
V690 Sco	55714.605±0.003	−0.023	28272	LS	AB UMa	55921.481±0.006	0.135	32846	C
V765 Sco	55675.800±0.002	0.145	55794	LS	EX UMa [4]	55578.570±0.003	0.032	12095	C
RU Scl	55820.815±0.003	0.450	50062	LS	EX UMa [4]	55614.383±0.004	0.018	12161	C
RU Scl	55822.787±0.002	0.449	50066	LS	EX UMa [4]	55642.622±0.005	0.030	12213	C
UZ Scl	55783.676±0.005	0.044	37120	LS	EX UMa [4]	55901.559±0.005	0.036	12690	C
VW Scl	55794.731±0.003	−0.003	54775	LS	KT UMa [5]	55575.470±0.010	0.068	10377	C
VW Scl	55843.779±0.002	−0.003	54871	LS	KT UMa [5]	55585.505±0.010	0.066	10393	C
VW Scl	55860.633±0.002	−0.009	54904	LS	KT UMa [5]	55602.423±0.004	0.047	10420	C
VX Scl	54777.746±0.003	−2.016	20657	LS	KT UMa [5]	55603.681±0.004	0.050	10422	C
VX Scl	55788.795±0.004	−1.779	22243	LS	AF Vel	55574.779±0.003	−0.203	26816	LS
AN Ser	55678.525±0.002	0.005	78475	C	AF Vel	55582.697±0.002	−0.196	26831	LS
AV Ser	53845.637±0.002	0.125	52306	LS	AF Vel	55583.751±0.002	−0.197	26833	LS
AV Ser	53892.452±0.002	0.134	52402	LS	AF Vel	55584.804±0.002	−0.199	26835	LS
AV Ser	55683.764±0.004	0.160	56076	LS	AF Vel	55592.721±0.002	−0.193	26850	LS
AV Ser	55691.550±0.002	0.145	56092	C	AF Vel	55610.636±0.002	−0.210	26884	LS
CS Ser	55667.719±0.002	0.021	46491	LS	AF Vel	55705.585±0.004	−0.192	27064	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	55577.657±0.002	−0.087	46830	LS	AF Vir	55661.516±0.003	−0.191	31685	C
CD Vel	55608.616±0.002	−0.096	46884	LS	AF Vir	55701.664±0.002	−0.195	31768	LS
CD Vel	55663.676±0.002	−0.091	46980	LS	AV Vir	55630.634±0.002	0.021	21556	C
CD Vel	55682.598±0.002	−0.094	47013	LS	DO Vir	55701.742±0.002	0.226	54650	LS
FS Vel	55606.704±0.003	−0.074	33730	LS	V348 Vir	55676.843±0.005	0.143	3326	LS
FS Vel	55675.693±0.002	−0.066	33875	LS	V348 Vir	55744.654±0.005	0.128	3446	LS
FS Vel	55697.573±0.002	−0.070	33921	LS	SV Vol	55695.568±0.003	0.116	36864	LS
FS Vel	55698.525±0.002	−0.069	33923	LS	BN Vul	55733.454±0.003	0.073	17173	C
ST Vir	55662.551±0.002	−0.026	36332	C	BN Vul	55765.538±0.003	0.074	17227	C
UU Vir	55578.636±0.002	0.000	28976	C	BN Vul	55790.487±0.003	0.070	17269	C
UU Vir	55589.576±0.002	0.002	28999	C	BN Vul	55793.459±0.002	0.071	17274	C
UU Vir	55599.561±0.002	−0.001	29020	C	BN Vul	55802.371±0.002	0.071	17289	C
UU Vir	55617.637±0.002	0.002	29058	C	BN Vul	55815.439±0.002	0.068	17311	C
UU Vir	55658.536±0.003	−0.001	29144	C	BN Vul	55818.412±0.002	0.070	17316	C
UU Vir	55671.377±0.002	−0.002	29171	C	BN Vul	55827.324±0.001	0.071	17331	C
UV Vir	55601.492±0.002	0.012	26587	C	BN Vul	55843.364±0.004	0.069	17358	C
UV Vir	55602.666±0.002	0.012	26589	C	BN Vul	55849.306±0.001	0.070	17368	C
AF Vir	55656.677±0.003	−0.192	31675	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