

# Recent Maxima of 89 Short Period Pulsating Stars

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**Abstract** This paper contains times of maxima for 89 short period pulsating stars (primarily RR Lyrae and  $\delta$  Scuti stars). This represents the CCD observations received by the AAVSO Short Period Pulsator (SPP) Section in 2022.

## 1. Recent observations

Table 1 contains times of maxima calculated from CCD observations made by participants in the AAVSO's Short Period Pulsator (SPP) Section. This list will be web-archived and made available through the AAVSO ftp site at:

<ftp://ftp.aavso.org/public/datasets/gsamj511spp89.txt> .

The error estimate is included. RR Lyr stars in this list, along with data from earlier AAVSO publications, are included in the GEOS database at:

<http://rr-lyr.irap.omp.eu/dbrr/> .

This database does not include  $\delta$  Scuti stars. These observations were reduced by the writer using the PERANSO program (Vanmunster 2021). Column F indicates the filter used. A "C" indicates a clear filter.

The linear elements in the *General Catalogue of Variable Stars* (GCVS; Kholopov *et al.* 1985) were used to compute the O–C values for most stars. For a few exceptions where the GCVS elements are missing or are in significant error, light elements from another source are used: V799 Aur, V338 Boo, V377 Boo, V876 Cep, V488 Gem, EH Lib, and AN Lyn (AAVSO VSX site, Watson *et al.* 2014); RZ Cap and DG Hya (Samolyk 2010); V2416 Cyg (Samolyk 2018); and EF Cnc and GO Hya (GEOS Database).

In the case of AA LMi (Figure 1), the following light elements were calculated using a linear regression on the times of maxima listed in this paper.

$$\text{Time of maximum (JD)} = 2458941.3878 + 0.05420027 * E \quad (1)$$

$$\pm 0.0015 \quad 0.00000009$$

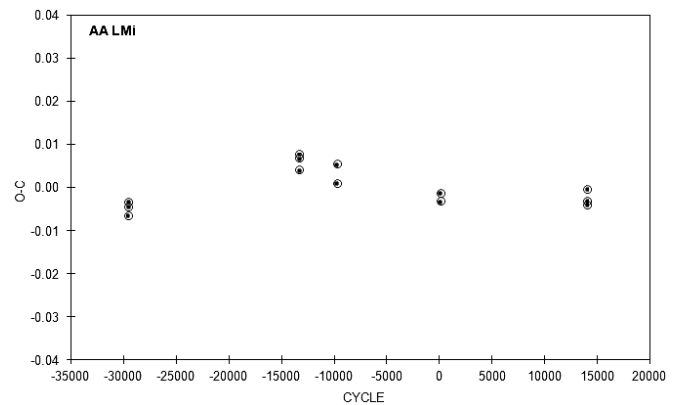


Figure 1. O–C plot for AA LMi using the light elements in Equation 1.

## References

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- Samolyk, G. 2010, *J. Amer. Assoc. Var. Star Obs.*, **38**, 12.
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Table 1. Recent times of maxima of stars in the AAVSO Short Period Pulsator program.

Star	JD (max) Hel. 2400000 +	Cycle	O-C (day)	F	Observer	Error (day)	Star	JD (max) Hel. 2400000 +	Cycle	O-C (day)	F	Observer	Error (day)
SW And	59815.7382	94247	-0.5650	V	G. Samolyk	0.0009	SW Boo	59731.4211	33416	0.6061	V	T. Arranz	0.0007
SW And	59941.3391	94531	-0.5715	V	T. Arranz	0.0011	SW Boo	59732.4527	33418	0.6107	V	T. Arranz	0.0009
XX And	59591.3542	28369	0.3032	V	T. Arranz	0.0011	SW Boo	59751.4498	33455	0.6072	V	T. Arranz	0.0009
XX And	59790.8342	28645	0.3050	V	G. Samolyk	0.0015	SW Boo	59769.4244	33490	0.6083	V	T. Arranz	0.001
ZZ And	59823.8597	63108	0.0374	V	K. Menzies	0.0017	SZ Boo	59681.7815	61286	0.0162	V	G. Samolyk	0.0012
ZZ And	59838.8325	63135	0.0378	V	K. Menzies	0.0013	SZ Boo	59765.4321	61446	0.0157	V	T. Arranz	0.0008
ZZ And	59907.5954	63259	0.0386	V	K. Menzies	0.0014	TV Boo	59626.9102	112034	0.1199	V	K. Menzies	0.0018
AC And	59790.8279	15874	0.4511	V	G. Samolyk	0.0012	TV Boo	59719.4227	112330	0.1148	V	T. Arranz	0.0012
AC And	59831.6571	15931	0.7397	V	G. Samolyk	0.0039	TV Boo	59734.4313	112378	0.1205	V	T. Arranz	0.0012
AC And	59915.3441	16049	0.5003	V	T. Arranz	0.0019	TV Boo	59739.4581	112394	0.1464	V	T. Arranz	0.0025
AC And	59937.3568	16080	0.4646	V	T. Arranz	0.0021	TV Boo	59743.5050	112407	0.1300	V	T. Arranz	0.0018
AT And	59813.8279	28319	-0.0014	V	G. Samolyk	0.0017	TV Boo	59749.4599	112426	0.1463	V	T. Arranz	0.0018
AT And	59863.7873	28400	-0.0121	V	G. Samolyk	0.0031	TV Boo	59759.4505	112458	0.1350	V	T. Arranz	0.0019
GM And	59934.5941	48522	0.0481	V	K. Menzies	0.0018	TV Boo	59932.9026	113013	0.1166	V	K. Menzies	0.0012
SW Aqr	59779.8217	75511	0.0022	V	G. Samolyk	0.0008	TW Boo	59679.7038	61601	-0.1225	V	G. Samolyk	0.0011
SW Aqr	59870.3045	75708	0.0022	V	T. Arranz	0.0006	TW Boo	59716.4298	61670	-0.1234	V	T. Arranz	0.0009
TZ Aqr	59874.6152	39086	0.0148	V	G. Samolyk	0.0014	TW Boo	59724.4138	61685	-0.1235	V	T. Arranz	0.0009
TZ Aqr	59888.3238	39110	0.0147	V	T. Arranz	0.0010	TW Boo	59745.7049	61725	-0.1233	V	G. Samolyk	0.0011
YZ Aqr	59853.7428	44370	0.0954	V	G. Samolyk	0.0012	UU Boo	59706.6787	51698	0.3927	V	G. Samolyk	0.0012
AA Aqr	59875.6558	64260	-0.2070	V	G. Samolyk	0.0009	UU Boo	59767.4528	51831	0.3964	V	T. Arranz	0.0009
BO Aqr	59878.3532	26306	0.2479	V	T. Arranz	0.0011	UY Boo	59636.9053	27350	0.8330	V	G. Samolyk	0.0013
BR Aqr	59917.5471	46239	-0.2519	V	G. Samolyk	0.0011	UY Boo	59725.4149	27486	0.8289	V	T. Arranz	0.001
CY Aqr	59808.7370	417775	0.0181	V	G. Samolyk	0.0003	V338 Boo	59754.8463	17039	-0.1005	V	G. Samolyk	0.0009
CY Aqr	59808.7982	417776	0.0183	V	G. Samolyk	0.0004	V338 Boo	59757.8001	17045	-0.1110	V	G. Samolyk	0.0014
CY Aqr	59808.8595	417777	0.0186	V	G. Samolyk	0.0004	V338 Boo	59758.8248	17047	-0.0744	V	G. Samolyk	0.0024
CY Aqr	59889.3078	419095	0.0183	V	T. Arranz	0.0003	V338 Boo	59762.8112	17055	-0.0404	V	G. Samolyk	0.0037
CY Aqr	59889.3686	419096	0.0181	V	T. Arranz	0.0003	V338 Boo	59770.6501	17071	-0.1062	V	G. Samolyk	0.0029
CY Aqr	59889.4299	419097	0.0184	V	T. Arranz	0.0004	V338 Boo	59774.6548	17079	-0.0539	V	G. Samolyk	0.0024
CY Aqr	59912.3801	419473	0.0181	V	T. Arranz	0.0003	V338 Boo	59783.4854	17097	-0.1162	V	T. Arranz	0.0019
RV Ari	59830.7901	266442	-0.0032	V	G. Samolyk	0.0008	V377 Boo	59738.5797	7610	0.0010	V	T. Arranz	0.0004
RV Ari	59830.8906	266443	0.0042	V	G. Samolyk	0.0009	UY Cam	59871.8824	91022	-0.0845	V	K. Menzies	0.0017
RV Ari	59853.7866	266689	-0.0094	V	G. Samolyk	0.0005	UY Cam	59914.6077	91182	-0.0859	V	G. Samolyk	0.0022
RV Ari	59853.8860	266690	-0.0031	V	G. Samolyk	0.0009	UY Cam	59914.8714	91183	-0.0893	V	G. Samolyk	0.0021
RV Ari	59904.5527	267234	0.0018	V	G. Samolyk	0.0009	RW Cnc	59615.7906	36658	0.2557	V	G. Samolyk	0.0019
RV Ari	59904.6414	267235	-0.0026	V	G. Samolyk	0.0006	RW Cnc	59674.3416	36765	0.2564	V	T. Arranz	0.0009
RV Ari	59904.7310	267236	-0.0062	V	G. Samolyk	0.0007	RW Cnc	59686.3773	36787	0.2537	V	T. Arranz	0.0017
RV Ari	59909.5797	267288	-0.0001	V	G. Samolyk	0.0011	TT Cnc	59606.6400	34896	0.1427	V	K. Menzies	0.0021
RV Ari	59909.6733	267289	0.0003	V	G. Samolyk	0.0005	TT Cnc	59675.3672	35018	0.1291	V	T. Arranz	0.0013
RV Ari	59909.7581	267290	-0.0080	V	G. Samolyk	0.0003	VZ Cnc	59671.3873	110863	0.0274	V	T. Arranz	0.0008
TZ Aur	59585.7476	101317	0.0182	TG	G. Conrad	0.0009	EF Cnc	59685.4090	30387	-0.0285	V	T. Arranz	0.0019
TZ Aur	59611.5977	101383	0.0178	V	K. Menzies	0.0014	SS CVn	59637.8961	41828	-0.3853	V	K. Menzies	0.0005
TZ Aur	59632.3568	101436	0.0182	V	T. Arranz	0.0005	SS CVn	59715.4211	41990	-0.3807	V	T. Arranz	0.0008
TZ Aur	59659.3820	101505	0.0178	V	T. Arranz	0.0005	RV Cap	59797.6081	57878	-0.1817	V	T. Arranz	0.0007
TZ Aur	59861.8780	102022	0.0180	V	K. Menzies	0.0008	RV Cap	59813.7321	57914	-0.1765	V	G. Samolyk	0.0015
TZ Aur	59914.7545	102157	0.0185	V	G. Samolyk	0.0008	RZ Cap	59831.6451	21064	0.0017	V	G. Samolyk	0.0011
BH Aur	59589.5783	36918	0.0131	V	G. Samolyk	0.0014	VW Cap	59843.6274	109571	0.2449	V	G. Samolyk	0.0039
BH Aur	59612.3829	36968	0.0132	V	T. Arranz	0.0009	YZ Cap	59822.6729	58850	0.0286	V	G. Samolyk	0.0033
BH Aur	59618.3121	36981	0.0132	V	T. Arranz	0.0009	V876 Cep	59860.3552	48746	-0.0452	V	T. Arranz	0.0016
BH Aur	59851.8298	37493	0.0129	V	G. Samolyk	0.0011	V876 Cep	59860.5072	48747	-0.0418	V	T. Arranz	0.0024
BH Aur	59897.8952	37594	0.0133	V	K. Menzies	0.0009	RR Cet	59597.3705	47766	0.0244	V	T. Arranz	0.0009
V799 Aur	59625.3937	71278	0.0067	V	T. Arranz	0.0006	RR Cet	59831.8544	48190	0.0243	V	G. Samolyk	0.0009
V799 Aur	59625.4696	71279	0.0065	V	T. Arranz	0.0005	RR Cet	59856.7401	48235	0.0238	V	G. Samolyk	0.0009
RS Boo	59679.7257	47462	-0.0260	V	G. Samolyk	0.0008	RU Cet	59886.6676	34216	0.1001	V	G. Samolyk	0.0031
RS Boo	59717.4567	47562	-0.0289	V	T. Arranz	0.0008	RX Cet	59884.6626	34441	0.3443	V	G. Samolyk	0.0021
RS Boo	59731.4209	47599	-0.0263	V	T. Arranz	0.0005	RZ Cet	59587.3022	50294	-0.2464	V	T. Arranz	0.0013
RS Boo	59734.4404	47607	-0.0255	V	T. Arranz	0.0006	RZ Cet	59851.7948	50812	-0.2501	V	G. Samolyk	0.0019
RS Boo	59751.4188	47652	-0.0273	V	T. Arranz	0.0005	RZ Cet	59853.8353	50816	-0.2521	V	G. Samolyk	0.0013
ST Boo	59707.6753	65124	0.1306	V	G. Samolyk	0.0011	TY Cet	59934.6341	26284	-0.0110	V	G. Samolyk	0.0029
ST Boo	59762.4184	65212	0.1121	V	T. Arranz	0.0008	UU Cet	59906.5915	30851	-0.1894	V	G. Samolyk	0.0026
ST Boo	59775.4823	65233	0.1079	V	T. Arranz	0.0009	XX Cyg	59748.6985	113397	0.0048	V	G. Samolyk	0.0005
ST Boo	59780.4579	65241	0.1052	V	T. Arranz	0.0009	XX Cyg	59748.8332	113398	0.0046	V	G. Samolyk	0.0006
ST Boo	59785.4369	65249	0.1059	V	T. Arranz	0.0011	XX Cyg	59795.7664	113746	0.0048	V	G. Samolyk	0.0005
ST Boo	59790.4121	65257	0.1027	V	T. Arranz	0.0009	XX Cyg	59795.9015	113747	0.0050	V	G. Samolyk	0.0005
ST Boo	59795.3909	65265	0.1032	V	T. Arranz	0.0011	XX Cyg	59798.4642	113766	0.0053	V	T. Arranz	0.0004
SW Boo	59686.7416	33329	0.6036	V	G. Samolyk	0.0013	XX Cyg	59799.5426	113774	0.0047	V	T. Arranz	0.0004

Table continued on following pages

Table 1. Recent times of maxima of stars in the AAVSO Short Period Pulsator program, cont.

<i>Star</i>	<i>JD (max)</i> <i>Hel.</i> <i>2400000+</i>	<i>Cycle</i>	<i>O-C</i> <i>(day)</i>	<i>F</i>	<i>Observer</i>	<i>Error</i> <i>(day)</i>	<i>Star</i>	<i>JD (max)</i> <i>Hel.</i> <i>2400000+</i>	<i>Cycle</i>	<i>O-C</i> <i>(day)</i>	<i>F</i>	<i>Observer</i>	<i>Error</i> <i>(day)</i>
XZ Cyg	59728.8071	33442	-3.0143	V	G. Samolyk	0.0008	V488 Gem	59940.5193	57886	-0.0269	V	T. Arranz	0.0007
XZ Cyg	59743.7433	33474	-3.0125	V	G. Samolyk	0.0011	TW Her	59643.8855	95342	-0.0216	V	K. Menzies	0.0006
XZ Cyg	59751.6754	33491	-3.0143	V	G. Samolyk	0.0008	TW Her	59768.5614	95654	-0.0209	V	T. Arranz	0.0007
XZ Cyg	59757.7387	33504	-3.0181	V	G. Samolyk	0.0008	TW Her	59784.5446	95694	-0.0218	V	T. Arranz	0.0007
XZ Cyg	59778.7265	33549	-3.0318	V	G. Samolyk	0.0012	TW Her	59792.5376	95714	-0.0208	V	T. Arranz	0.0006
XZ Cyg	59793.6660	33581	-3.0267	V	G. Samolyk	0.0009	VX Her	59715.6976	83372	-0.1278	V	G. Samolyk	0.0008
XZ Cyg	59797.3984	33589	-3.0279	V	T. Arranz	0.0006	VX Her	59751.6713	83451	-0.1286	V	G. Samolyk	0.0007
XZ Cyg	59803.4646	33602	-3.0288	V	T. Arranz	0.0007	VX Her	59779.4483	83512	-0.1293	V	T. Arranz	0.0008
XZ Cyg	59804.3993	33604	-3.0275	V	T. Arranz	0.0007	VZ Her	59706.7446	52047	0.1009	V	G. Samolyk	0.0009
XZ Cyg	59811.3989	33619	-3.0284	V	T. Arranz	0.0006	VZ Her	59753.8583	52154	0.0995	V	G. Samolyk	0.0007
XZ Cyg	59817.4605	33632	-3.0339	V	T. Arranz	0.0008	VZ Her	59771.4725	52194	0.1006	V	T. Arranz	0.0005
XZ Cyg	59832.3790	33664	-3.0498	V	T. Arranz	0.0009	VZ Her	59775.4354	52203	0.1006	V	T. Arranz	0.0008
XZ Cyg	59839.3843	33679	-3.0450	V	T. Arranz	0.0009	AR Her	59681.7705	38782	-1.2024	V	G. Samolyk	0.0011
XZ Cyg	59845.4538	33692	-3.0426	V	T. Arranz	0.0008	AR Her	59696.8378	38814	-1.1760	V	G. Samolyk	0.0011
XZ Cyg	59847.3231	33696	-3.0401	V	T. Arranz	0.0007	AR Her	59706.6973	38835	-1.1871	V	G. Samolyk	0.0008
XZ Cyg	59853.3915	33709	-3.0388	V	T. Arranz	0.0008	AR Her	59712.7992	38848	-1.1955	V	G. Samolyk	0.0009
XZ Cyg	59860.3885	33724	-3.0423	V	T. Arranz	0.0007	AR Her	59728.7938	38882	-1.1819	V	G. Samolyk	0.0013
XZ Cyg	59867.3846	33739	-3.0467	V	T. Arranz	0.0007	AR Her	59745.6937	38918	-1.2030	V	G. Samolyk	0.0008
DM Cyg	59778.7169	40957	0.1049	V	G. Samolyk	0.0011	AR Her	59749.4343	38926	-1.2226	V	T. Arranz	0.0013
DM Cyg	59798.4509	41004	0.1055	V	T. Arranz	0.0009	AR Her	59751.7804	38931	-1.2267	V	G. Samolyk	0.0008
DM Cyg	59806.4303	41023	0.1075	V	T. Arranz	0.0010	AR Her	59764.5140	38958	-1.1838	V	T. Arranz	0.0011
DM Cyg	59811.4657	41035	0.1046	V	T. Arranz	0.0006	AR Her	59765.4618	38960	-1.1761	V	T. Arranz	0.0016
DM Cyg	59819.4426	41054	0.1042	V	T. Arranz	0.0007	AR Her	59781.3989	38994	-1.2199	V	T. Arranz	0.0012
DM Cyg	59824.4835	41066	0.1067	V	T. Arranz	0.0006	AR Her	59788.4434	39009	-1.2259	V	T. Arranz	0.0016
DM Cyg	59827.4219	41073	0.1061	V	T. Arranz	0.0006	DL Her	59679.8632	36292	0.0767	V	G. Samolyk	0.0013
DM Cyg	59840.4363	41104	0.1049	V	T. Arranz	0.0007	DL Her	59692.8638	36314	0.0615	V	K. Menzies	0.0019
DM Cyg	59843.3760	41111	0.1055	V	T. Arranz	0.0007	DL Her	59740.7856	36395	0.0614	V	K. Menzies	0.0016
DM Cyg	59856.3936	41142	0.1075	V	T. Arranz	0.0009	DL Her	59743.7476	36400	0.0653	V	G. Samolyk	0.0017
DM Cyg	59861.4285	41154	0.1041	V	T. Arranz	0.0007	DL Her	59767.4023	36440	0.0549	V	T. Arranz	0.0012
DM Cyg	59893.3386	41230	0.1048	V	T. Arranz	0.0010	DL Her	59774.5061	36452	0.0591	V	T. Arranz	0.0018
DM Cyg	59909.2951	41268	0.1066	V	T. Arranz	0.0008	DL Her	59777.4658	36457	0.0607	V	T. Arranz	0.0013
V2416 Cyg	59748.6196	109788	0.0033	V	G. Samolyk	0.0008	DL Her	59780.4333	36462	0.0701	V	T. Arranz	0.0016
V2416 Cyg	59748.6745	109789	0.0023	V	G. Samolyk	0.0011	DL Her	59793.4465	36484	0.0675	V	T. Arranz	0.0009
V2416 Cyg	59748.7308	109790	0.0028	V	G. Samolyk	0.0009	DL Her	59796.3996	36489	0.0624	V	T. Arranz	0.0009
V2416 Cyg	59748.7849	109791	0.0010	V	G. Samolyk	0.0009	DL Her	59809.4124	36511	0.0594	V	T. Arranz	0.0012
V2416 Cyg	59748.8433	109792	0.0034	V	G. Samolyk	0.0009	DY Her	59679.8687	176547	-0.0373	V	G. Samolyk	0.0007
V2416 Cyg	59795.7338	110631	0.0025	V	G. Samolyk	0.0012	DY Her	59686.8538	176594	-0.0379	V	G. Samolyk	0.0007
V2416 Cyg	59795.7881	110632	0.0009	V	G. Samolyk	0.0012	DY Her	59715.6883	176788	-0.0378	V	G. Samolyk	0.0007
V2416 Cyg	59795.8474	110633	0.0044	V	G. Samolyk	0.0011	DY Her	59743.6308	176976	-0.0380	V	G. Samolyk	0.0007
V2416 Cyg	59799.5328	110699	0.0010	V	T. Arranz	0.0007	DY Her	59758.6428	177077	-0.0378	V	G. Samolyk	0.0006
V2416 Cyg	59799.5902	110700	0.0025	V	T. Arranz	0.0011	DY Her	59761.4676	177096	-0.0370	V	T. Arranz	0.0008
V2416 Cyg	59799.6461	110701	0.0025	V	T. Arranz	0.0013	DY Her	59774.6947	177185	-0.0381	V	G. Samolyk	0.0007
RW Dra	59666.8445	45808	0.3116	V	G. Samolyk	0.0008	LS Her	59753.7113	137555	0.0098	V	G. Samolyk	0.0017
RW Dra	59770.4495	46042	0.2740	V	T. Arranz	0.0013	LS Her	59759.4558	137580	-0.0159	V	T. Arranz	0.0021
RW Dra	59778.4368	46060	0.2888	V	T. Arranz	0.0012	SZ Hya	59636.6655	35287	-0.3421	V	G. Samolyk	0.0029
RW Dra	59782.4409	46069	0.3066	V	T. Arranz	0.0011	SZ Hya	59650.6814	35313	-0.2945	V	G. Samolyk	0.0012
RW Dra	59786.4353	46078	0.3148	V	T. Arranz	0.0008	SZ Hya	59671.6281	35352	-0.3002	V	G. Samolyk	0.0014
RW Dra	59829.4000	46175	0.3165	V	T. Arranz	0.0009	SZ Hya	59704.3970	35413	-0.3029	V	T. Arranz	0.0011
XZ Dra	59687.7923	37271	-0.1014	V	K. Menzies	0.0007	UU Hya	59665.7175	38534	0.0296	V	G. Samolyk	0.0016
XZ Dra	59730.6818	37361	-0.0966	V	G. Samolyk	0.0014	DG Hya	59582.9040	9557	0.0415	V	G. Samolyk	0.0019
XZ Dra	59796.4386	37499	-0.0964	V	T. Arranz	0.0009	DG Hya	59673.4197	9677	0.0481	V	T. Arranz	0.0014
XZ Dra	59806.4468	37520	-0.0946	V	T. Arranz	0.0011	DH Hya	59654.6521	58238	0.1309	V	G. Samolyk	0.0013
XZ Dra	59826.4565	37562	-0.0978	V	T. Arranz	0.0009	GO Hya	59637.7122	8039	0.0039	V	G. Samolyk	0.0023
XZ Dra	59827.4095	37564	-0.0978	V	T. Arranz	0.0009	RR Leo	59658.6762	36170	0.2085	V	G. Samolyk	0.0008
XZ Dra	59848.3846	37608	-0.0886	V	T. Arranz	0.0008	RR Leo	59675.4140	36207	0.2078	V	T. Arranz	0.0008
RX Eri	59613.3073	64574	-0.0091	V	T. Arranz	0.0009	RR Leo	59898.9036	36701	0.2151	V	K. Menzies	0.0006
RX Eri	59932.7706	65118	-0.0078	V	G. Samolyk	0.0013	SS Leo	59673.4291	28566	-0.1255	V	T. Arranz	0.0011
SV Eri	59610.3559	33703	1.1668	V	T. Arranz	0.0031	ST Leo	59650.7415	66378	-0.0184	V	G. Samolyk	0.0009
SV Eri	59893.7499	34100	1.1837	V	G. Samolyk	0.0019	ST Leo	59722.4400	66528	-0.0175	V	T. Arranz	0.0007
BB Eri	59630.3147	35218	0.3560	V	T. Arranz	0.0011	TV Leo	59679.6541	33645	0.1384	V	G. Samolyk	0.0017
RR Gem	59632.3766	45999	-0.7187	V	T. Arranz	0.0006	TV Leo	59694.4557	33667	0.1372	V	T. Arranz	0.0011
RR Gem	59638.3348	46014	-0.7201	V	T. Arranz	0.0005	WW Leo	59666.6320	41112	0.0633	V	G. Samolyk	0.0018
RR Gem	59659.3915	46067	-0.7209	V	T. Arranz	0.0006	WW Leo	59934.8957	41557	0.0608	V	K. Menzies	0.0018
GQ Gem	59632.5912	51363	-0.2227	V	K. Menzies	0.0021	AA Leo	59650.8928	33499	-0.1295	V	G. Samolyk	0.0017
V488 Gem	59940.4264	57885	-0.0265	V	T. Arranz	0.0009	AA Leo	59708.3629	33595	-0.1303	V	T. Arranz	0.0009

Table continued on next page

Table 1. Recent times of maxima of stars in the AAVSO Short Period Pulsator program, cont.

<i>Star</i>	<i>JD (max)</i> <i>Hel.</i> 2400000 +	<i>Cycle</i>	<i>O-C</i> <i>(day)</i>	<i>F</i>	<i>Observer</i>	<i>Error</i> <i>(day)</i>	<i>Star</i>	<i>JD (max)</i> <i>Hel.</i> 2400000 +	<i>Cycle</i>	<i>O-C</i> <i>(day)</i>	<i>F</i>	<i>Observer</i>	<i>Error</i> <i>(day)</i>
AA LMi	57334.8311	-29641	-0.0064	V	G. Samolyk	0.0024	SZ Lyn	59911.8547	180756	0.0465	V	G. Samolyk	0.0007
AA LMi	57334.8885	-29640	-0.0033	V	G. Samolyk	0.0021	SZ Lyn	59911.9741	180757	0.0453	V	G. Samolyk	0.0006
AA LMi	57334.9416	-29639	-0.0044	V	G. Samolyk	0.0013	AN Lyn	59672.3913	156517	-0.0240	V	T. Arranz	0.0014
AA LMi	58216.5744	-13373	0.0069	V	G. Samolyk	0.0036	AN Lyn	59672.4884	156518	-0.0251	V	T. Arranz	0.0013
AA LMi	58216.6296	-13372	0.0078	V	G. Samolyk	0.0012	RR Lyr	59696.8378	29591	-0.7654	V	G. Samolyk	0.0013
AA LMi	58216.6801	-13371	0.0042	V	G. Samolyk	0.0022	RR Lyr	59799.4294	29772	-0.7769	V	T. Arranz	0.0009
AA LMi	58409.9054	-9806	0.0055	V	G. Samolyk	0.0021	RZ Lyr	59733.7974	36285	-0.0555	V	G. Samolyk	0.0011
AA LMi	58409.9552	-9805	0.0011	V	G. Samolyk	0.0021	RZ Lyr	59791.5570	36398	-0.0662	V	T. Arranz	0.0007
AA LMi	58941.3847	0	-0.0031	V	T. Arranz	0.0015	EN Lyr	56182.5277	26593	0.1143	V	K. Menzies	0.0016
AA LMi	58941.4408	1	-0.0012	V	T. Arranz	0.0013	ST Oph	59810.3824	69687	-0.0297	V	T. Arranz	0.0008
AA LMi	59699.3756	13985	-0.0030	V	T. Arranz	0.0011	AV Peg	59790.8321	40987	0.2283	V	G. Samolyk	0.0007
AA LMi	59699.4326	13986	-0.0002	V	T. Arranz	0.0010	AV Peg	59854.4692	41150	0.2343	V	T. Arranz	0.0008
AA LMi	59699.4831	13987	-0.0038	V	T. Arranz	0.0013	BH Peg	59915.3864	32060	-0.1292	V	T. Arranz	0.0016
U Lep	59903.8000	31904	0.0373	V	G. Samolyk	0.0011	DY Peg	59830.7169	210194	-0.0236	V	G. Samolyk	0.0006
EH Lib	59738.4578	297465	0.0038	V	T. Arranz	0.0005	DY Peg	59830.7896	210195	-0.0239	V	G. Samolyk	0.0006
EH Lib	59738.5465	297466	0.0041	V	T. Arranz	0.0005	DY Peg	59830.8630	210196	-0.0234	V	G. Samolyk	0.0005
EH Lib	59739.4302	297476	0.0037	V	T. Arranz	0.0004	DY Peg	59875.5664	210809	-0.0238	V	G. Samolyk	0.0004
EH Lib	59739.5185	297477	0.0035	V	T. Arranz	0.0005	DY Peg	59875.6395	210810	-0.0236	V	G. Samolyk	0.0005
EH Lib	59740.4028	297487	0.0037	V	T. Arranz	0.0005	DY Peg	59875.7128	210811	-0.0232	V	G. Samolyk	0.0004
EH Lib	59740.4908	297488	0.0033	V	T. Arranz	0.0004	DF Ser	59747.6725	68620	0.1174	V	G. Samolyk	0.0011
EH Lib	59740.5792	297489	0.0033	V	T. Arranz	0.0005	DF Ser	59788.3849	68713	0.1148	V	T. Arranz	0.0007
EH Lib	59741.3755	297498	0.0039	V	T. Arranz	0.0005	RV UMa	59654.7819	31148	0.1380	V	G. Samolyk	0.0011
EH Lib	59741.4635	297499	0.0035	V	T. Arranz	0.0004	RV UMa	59725.4675	31299	0.1466	V	T. Arranz	0.0009
EH Lib	59741.5515	297500	0.0031	V	T. Arranz	0.0005	RV UMa	59726.4010	31301	0.1439	V	T. Arranz	0.0009
SZ Lyn	59610.6284	178257	0.0369	V	K. Menzies	0.0009	RV UMa	59755.4194	31363	0.1426	V	T. Arranz	0.0013
SZ Lyn	59671.3800	178761	0.0389	V	T. Arranz	0.0005	RV UMa	59762.4380	31378	0.1403	V	T. Arranz	0.0013
SZ Lyn	59872.9201	180433	0.0446	V	K. Menzies	0.0007	RV UMa	59923.9165	31723	0.1381	V	K. Menzies	0.0014
SZ Lyn	59885.8187	180540	0.0460	V	G. Samolyk	0.0006	AE UMa	59690.4032	280015	-0.0005	V	T. Arranz	0.0004
SZ Lyn	59885.9388	180541	0.0456	V	G. Samolyk	0.0006							