

## New Variable Stars in Lacerta: Area of $2^{\circ}.3 \times 2^{\circ}.3$ , Centered at $\alpha=22^{\text{h}}50^{\text{m}}$ , $\delta=52^{\circ}00'$ (2000.0)

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#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		USNO-A2.0 1350-17192645	22 42 49.93, +52 27 09.1	EW	16.1	16.5		0.656	2456174.471	Min			<a href="#">lc54886.png</a>	<a href="#">ch54886.jpg</a>	<a href="#">out54886.txt</a>
2		USNO-A2.0 1350-17198343	22 43 00.78, +52 00 17.3	EW	14.36	14.68		0.36231	2456171.032	Min		<a href="#">Comm. 2</a>	<a href="#">lc30846.png</a>	<a href="#">ch30846.jpg</a>	<a href="#">out30846.txt</a>
3		USNO-A2.0 1350-17199387	22 43 02.81, +52 02 12.6	LB:	14.25	14.5				other		<a href="#">Comm. 3</a>	<a href="#">lc31656.png</a>	<a href="#">ch31656.jpg</a>	<a href="#">out31656.txt</a>
4		USNO-A2.0 1350-17199697	22 43 03.43, +51 43 19.0	EW	15.85	16.45		0.3083	2456173.267	Min			<a href="#">lc23676.png</a>	<a href="#">ch23676.jpg</a>	<a href="#">out23676.txt</a>
5		USNO-A2.0 1425-13939144	22 43 12.68, +52 40 27.5	EA	14.74	15.3		0.70101	2456173.016	Min		<a href="#">Comm. 5</a>	<a href="#">lc49527.png</a>	<a href="#">ch49527.jpg</a>	<a href="#">out49527.txt</a>
6		USNO-A2.0 1350-17207598	22 43 18.70, +51 41 20.2	EW	15.2	15.6		0.3245	2456205.187	Min			<a href="#">lc22687.png</a>	<a href="#">ch22687.jpg</a>	<a href="#">out22687.txt</a>
7		USNO-A2.0 1425-13949887	22 43 33.35, +52 42 22.3	EW	16.15	16.7		0.54269	2456171.228	Min			<a href="#">lc48786.png</a>	<a href="#">ch48786.jpg</a>	<a href="#">out48786.txt</a>
8		USNO-A2.0 1350-17218427	22 43 39.42, +52 10 57.4	EW	15.9	16.5		0.3035	2456180.205	Min			<a href="#">lc42740.png</a>	<a href="#">ch42740.jpg</a>	<a href="#">out42740.txt</a>
9		USNO-A2.0 1350-17220793	22 43 44.03, +51 10 18.8	EA	14.0	14.15		1.6238	2456173.774	Min		<a href="#">Comm. 9</a>	<a href="#">lc09576.png</a>	<a href="#">ch09576.jpg</a>	<a href="#">out09576.txt</a>
10		USNO-A2.0 1425-13963671	22 44 00.15, +52 44 51.6	LB	12.55	12.83				other		<a href="#">Comm. 10</a>	<a href="#">lc47894.png</a>	<a href="#">ch47894.jpg</a>	<a href="#">out47894.txt</a>
11		USNO-A2.0 1350-17230762	22 44 03.50, +51 41 56.3	EW	16.0	16.5		0.3325	2456171.2	Min			<a href="#">lc22818.png</a>	<a href="#">ch22818.jpg</a>	<a href="#">out22818.txt</a>
12		USNO-A2.0 1425-13966722	22 44 06.06, +52 58 45.4	EA	14.37	14.62		3.66:	2456172.958	Min			<a href="#">lc36092.png</a>	<a href="#">ch36092.jpg</a>	<a href="#">out36092.txt</a>
13		USNO-A2.0 1425-13967363	22 44 07.25, +52 47 43.4	EW	16.0	16.8		0.3330	2456179.199	Min		<a href="#">Comm. 13</a>	<a href="#">lc46525.png</a>	<a href="#">ch46525.jpg</a>	<a href="#">out46525.txt</a>
14		USNO-A2.0 1350-17239215	22 44 20.14, +52 15 30.3	EW	14.92	15.4		0.58157	2456174.08	Min		<a href="#">Comm. 14</a>	<a href="#">lc41199.png</a>	<a href="#">ch41199.jpg</a>	<a href="#">out41199.txt</a>
15		USNO-A2.0 1350-17239702	22 44 21.09, +50 59 18.2	EW	16.4	16.9		0.3465	2456173.379	Min			<a href="#">lc05089.png</a>	<a href="#">ch05089.jpg</a>	<a href="#">out05089.txt</a>
16		USNO-A2.0 1350-17241785	22 44 25.15, +51 32 04.4	EA	15.38	15.75		1.362	2456197.521	Min		<a href="#">Comm. 16</a>	<a href="#">lc18468.png</a>	<a href="#">ch18468.jpg</a>	<a href="#">out18468.txt</a>
17		USNO-A2.0 1350-17244002	22 44 29.60, +52 05 14.0	EW	15.9	16.27		0.2994	2456171.264	Min			<a href="#">lc32596.png</a>	<a href="#">ch32596.jpg</a>	<a href="#">out32596.txt</a>
18		USNO-A2.0 1350-17247740	22 44 37.07, +51 23 27.0	DSCTC	13.97	14.02		0.054573	2456173.231	Max		<a href="#">Comm. 18</a>	<a href="#">lc14744.png</a>	<a href="#">ch14744.jpg</a>	<a href="#">out14744.txt</a>
19		USNO-B1.0 1419-0487235	22 44 44.08, +51 57 34.0	EW	14.63	14.8		0.3275	2456179.371	Min			<a href="#">lc29118.png</a>	<a href="#">ch29118.jpg</a>	<a href="#">out29118.txt</a>
20		USNO-A2.0 1425-13987292	22 44 46.29, +52 49 43.8	EW	13.66	13.78		0.41479	2456201.032	Min			<a href="#">lc39104.png</a>	<a href="#">ch39104.jpg</a>	<a href="#">out39104.txt</a>
21		USNO-A2.0 1350-17252891	22 44 47.50, +51 15 17.2	EW	14.86	15.11		0.6237	2456171.36	Min			<a href="#">lc11396.png</a>	<a href="#">ch11396.jpg</a>	<a href="#">out11396.txt</a>
22		USNO-A2.0 1350-17253968	22 44 49.56, +51 21 19.1	EW	16.4	17.15		0.2955	2456174.382	Min			<a href="#">lc13949.png</a>	<a href="#">ch13949.jpg</a>	<a href="#">out13949.txt</a>

23		USNO-A2.0 1350-17259303	22 45 00.25, +51 42 46.2	EA	14.7	14.9		2.604	2456173.725	Min		<a href="#">Comm. 23</a>	<a href="#">lc22853.png</a>	<a href="#">ch22853.jpg</a>	<a href="#">out22853.txt</a>
24		USNO-A2.0 1350-17265828	22 45 13.03, +51 02 26.6	RRC	13.83	13.92		0.45928	2455790.388	Max		<a href="#">Comm. 24</a>	<a href="#">lc05921.png</a>	<a href="#">ch05921.jpg</a>	<a href="#">out05921.txt</a>
25		USNO-A2.0 1425-14001125	22 45 13.97, +52 50 16.6	EW	13.47	13.62		0.338685	2456180.031	Min		<a href="#">Comm. 25</a>	<a href="#">lc39093.png</a>	<a href="#">ch39093.jpg</a>	<a href="#">out39093.txt</a>
26		USNO-A2.0 1350-17273342	22 45 27.56, +51 21 11.0	BY	13.58	13.82		6.1	2456182.4	Max		<a href="#">Comm. 26</a>	<a href="#">lc13589.png</a>	<a href="#">ch13589.jpg</a>	<a href="#">out13589.txt</a>
27		USNO-A2.0 1350-17274044	22 45 28.91, +51 01 43.0	LB:	13.18	13.43				other		<a href="#">Comm. 27</a>	<a href="#">lc05534.png</a>	<a href="#">ch05534.jpg</a>	<a href="#">out05534.txt</a>
28		USNO-A2.0 1425-14010609	22 45 33.03, +52 40 04.9	EB	13.21	13.37		0.76887	2456173.906	Min		<a href="#">Comm. 28</a>	<a href="#">lc50198.png</a>	<a href="#">ch50198.jpg</a>	<a href="#">out50198.txt</a>
29		USNO-A2.0 1350-17278699	22 45 38.14, +51 45 01.3	BY	15.4	15.6		8.5	2456175.177	Max		<a href="#">Comm. 29</a>	<a href="#">lc23653.png</a>	<a href="#">ch23653.jpg</a>	<a href="#">out23653.txt</a>
30		USNO-A2.0 1350-17282067	22 45 44.84, +52 18 46.8	EW	16.09	16.47		0.4495	2456173.301	Min			<a href="#">lc58505.png</a>	<a href="#">ch58505.jpg</a>	<a href="#">out58505.txt</a>
31		USNO-A2.0 1425-14018219	22 45 48.18, +52 52 38.0	EW	16.4	16.7		0.2867	2456181.307	Min			<a href="#">lc45196.png</a>	<a href="#">ch45196.jpg</a>	<a href="#">out45196.txt</a>
32		USNO-A2.0 1350-17285919	22 45 52.66, +50 56 42.7	DSCTC	12.07	12.12		0.05610	2456173.257	Max			<a href="#">lc03252.png</a>	<a href="#">ch03252.jpg</a>	<a href="#">out03252.txt</a>
33		USNO-A2.0 1350-17292811	22 46 06.47, +51 54 02.5	LB:	13.17	13.34				other		<a href="#">Comm. 33</a>	<a href="#">lc27122.png</a>	<a href="#">ch27122.jpg</a>	<a href="#">out27122.txt</a>
34		USNO-A2.0 1350-17300571	22 46 22.53, +52 10 54.0	LB	13.45	13.55				other		<a href="#">Comm. 34</a>	<a href="#">lc43499.png</a>	<a href="#">ch43499.jpg</a>	<a href="#">out43499.txt</a>
35		USNO-A2.0 1350-17302680	22 46 26.80, +51 08 04.8	LB	13.31	13.42				other		<a href="#">Comm. 35</a>	<a href="#">lc07902.png</a>	<a href="#">ch07902.jpg</a>	<a href="#">out07902.txt</a>
36		USNO-A2.0 1350-17305073	22 46 31.75, +52 12 45.0	EB	14.89	15.05		0.7566	2456205.345	Min		<a href="#">Comm. 36</a>	<a href="#">lc39608.png</a>	<a href="#">ch39608.jpg</a>	<a href="#">out39608.txt</a>
37		USNO-A2.0 1425-14040317	22 46 32.13, +52 30 20.0	RRC	15.75	16		0.2484	2456171.179	Max			<a href="#">lc54281.png</a>	<a href="#">ch54281.jpg</a>	<a href="#">out54281.txt</a>
38		USNO-A2.0 1350-17306000	22 46 33.67, +52 11 15.4	EW	14.75	14.9		0.4768	2456173.19	Min			<a href="#">lc43611.png</a>	<a href="#">ch43611.jpg</a>	<a href="#">out43611.txt</a>
39		USNO-A2.0 1350-17310049	22 46 41.97, +52 22 27.4	EA	16.15	16.85		1.044	2456182.510	Min			<a href="#">lc57649.png</a>	<a href="#">ch57649.jpg</a>	<a href="#">out57649.txt</a>
40		USNO-A2.0 1350-17313693	22 46 49.44, +51 14 39.2	EW	15	15.2		0.733	2456179.386	Min			<a href="#">lc10525.png</a>	<a href="#">ch10525.jpg</a>	<a href="#">out10525.txt</a>
41		USNO-A2.0 1350-17319681	22 47 01.60, +51 05 18.9	EA	16.27	17.5		0.842	2456174.916	Min		<a href="#">Comm. 41</a>	<a href="#">lc06805.png</a>	<a href="#">ch06805.jpg</a>	<a href="#">out06805.txt</a>
42		USNO-A2.0 1425-14067896	22 47 28.38, +52 39 12.6	EW	16.73	17.20		0.3408	2456179.226	Min			<a href="#">lc50927.png</a>	<a href="#">ch50927.jpg</a>	<a href="#">out50927.txt</a>
43		USNO-A2.0 1350-17345022	22 47 52.99, +52 28 50.9	EW	14.83	14.96		0.344744	2456171.075	Min			<a href="#">lc55330.png</a>	<a href="#">ch55330.jpg</a>	<a href="#">out55330.txt</a>
44		USNO-A2.0 1350-17351160	22 48 06.03, +52 15 56.1	EW	16.15	16.35		0.4917	2456205.247	Min			<a href="#">lc41908.png</a>	<a href="#">ch41908.jpg</a>	<a href="#">out41908.txt</a>
45		USNO-A2.0 1350-17351498	22 48 06.75, +52 09 56.1	EW	15.58	16		0.4490	2456205.289	Min			<a href="#">lc44396.png</a>	<a href="#">ch44396.jpg</a>	<a href="#">out44396.txt</a>
46		USNO-A2.0 1425-14086971	22 48 07.26, +52 57 46.9	EW	13.44	13.62		0.6628	2456159.497	Min			<a href="#">lc37498.png</a>	<a href="#">ch37498.jpg</a>	<a href="#">out37498.txt</a>
47		USNO-A2.0 1425-14088119	22 48 09.55, +52 53 01.2	LB:	13.17	13.61				other		<a href="#">Comm. 47</a>	<a href="#">lc45310.png</a>	<a href="#">ch45310.jpg</a>	<a href="#">out45310.txt</a>
48		USNO-A2.0 1350-17353927	22 48 11.66, +51 17 13.4	BY:	14.85	15.04		7.2	2456153.26	Max		<a href="#">Comm. 48</a>	<a href="#">lc11374.png</a>	<a href="#">ch11374.jpg</a>	<a href="#">out11374.txt</a>
49		USNO-A2.0 1350-17355140	22 48 14.24, +51 44 14.9	EA	12.6	13.12		3.30	2456152.826	Min		<a href="#">Comm. 49</a>	<a href="#">lc22476.png</a>	<a href="#">ch22476.jpg</a>	<a href="#">out22476.txt</a>
50		USNO-A2.0 1350-17355834	22 48 15.67, +51 43 33.2	EA	13.74	14.28		2.601	2456179.327	Min			<a href="#">lc22327.png</a>	<a href="#">ch22327.jpg</a>	<a href="#">out22327.txt</a>
51		USNO-B1.0 1423-0527065	22 48 20.96, +52 20 04.6	LB:	14.13	14.97				other		<a href="#">Comm. 51</a>	<a href="#">lc58585.png</a>	<a href="#">ch58585.jpg</a>	<a href="#">out58585.txt</a>
52		USNO-A2.0 1350-17360385	22 48 25.27, +51 15 11.3	EW	14.43	14.54		0.553902	2456171.339	Min			<a href="#">lc10467.png</a>	<a href="#">ch10467.jpg</a>	<a href="#">out10467.txt</a>
53		USNO-A2.0 1350-17363925	22 48 32.56, +50 49 35.4	EW	14.34	14.98		0.2722	2456180.104	Min			<a href="#">lc00256.png</a>	<a href="#">ch00256.jpg</a>	<a href="#">out00256.txt</a>
54		USNO-A2.0 1425-14105519	22 48 43.94, +52 48 02.4	EW	15.08	15.48		0.5705	2456173.271	Min			<a href="#">lc47408.png</a>	<a href="#">ch47408.jpg</a>	<a href="#">out47408.txt</a>
55		USNO-A2.0 1350-17369900	22 48 45.18, +51 01 13.9	EA	14.33	<14.68		1.2826	2456179.533	Min		<a href="#">Comm. 55</a>	<a href="#">lc04708.png</a>	<a href="#">ch04708.jpg</a>	<a href="#">out04708.txt</a>
56		USNO-A2.0 1425-14113477	22 48 59.79, +53 07 38.6	EW	15.04	15.22		0.39050	2456159.256	Min			<a href="#">lc33312.png</a>	<a href="#">ch33312.jpg</a>	<a href="#">out33312.txt</a>
57		USNO-A2.0 1350-17380826	22 49 07.60, +51 59 15.8	EA	13.33	13.46		2.6	2456182.085	Min			<a href="#">lc28834.png</a>	<a href="#">ch28834.jpg</a>	<a href="#">out28834.txt</a>
58		USNO-A2.0 1350-17382504	22 49 11.15, +52 20 35.1	EW	15.15	15.6		0.36365	2456181.142	Min			<a href="#">lc40245.png</a>	<a href="#">ch40245.jpg</a>	<a href="#">out40245.txt</a>

59		USNO-A2.0 1350-17386637	22 49 19.83, +51 54 49.2	LB:	12.14	12.74				other		<a href="#">Comm. 59</a>	<a href="#">lc26240.png</a>	<a href="#">ch26240.jpg</a>	<a href="#">out26240.txt</a>
60		USNO-A2.0 1350-17387233	22 49 21.04, +51 11 09.5	DSCTC	11.98	12.03		0.14110	2456171.24	Max		<a href="#">Comm. 60</a>	<a href="#">lc08421.png</a>	<a href="#">ch08421.jpg</a>	<a href="#">out08421.txt</a>
61		USNO-A2.0 1425-14125534	22 49 24.41, +52 58 50.2	EW	13.94	14.39		0.430496	2456180.982	Min			<a href="#">lc37328.png</a>	<a href="#">ch37328.jpg</a>	<a href="#">out37328.txt</a>
62		USNO-A2.0 1425-14130260	22 49 34.05, +53 04 13.9	EA	14.57	14.81		0.849	2456204.927	Min			<a href="#">lc34995.png</a>	<a href="#">ch34995.jpg</a>	<a href="#">out34995.txt</a>
63		USNO-A2.0 1425-14136755	22 49 47.49, +53 04 04.1	EA	15.7	16.10		0.811	2456205.261	Min		<a href="#">Comm. 63</a>	<a href="#">lc35134.png</a>	<a href="#">ch35134.jpg</a>	<a href="#">out35134.txt</a>
64		USNO-A2.0 1350-17404323	22 49 57.43, +51 25 15.9	EW	16.06	16.44		0.49195	2456171.344	Min			<a href="#">lc14413.png</a>	<a href="#">ch14413.jpg</a>	<a href="#">out14413.txt</a>
65		USNO-A2.0 1350-17411993	22 50 13.81, +52 00 08.9	EW	15.11	15.21		0.33683	2456181.279	Min			<a href="#">lc29078.png</a>	<a href="#">ch29078.jpg</a>	<a href="#">out29078.txt</a>
66		USNO-A2.0 1350-17413101	22 50 16.18, +50 53 58.0	LB:	13.5	13.85				other		<a href="#">Comm. 66</a>	<a href="#">lc01343.png</a>	<a href="#">ch01343.jpg</a>	<a href="#">out01343.txt</a>
67		USNO-A2.0 1350-17416263	22 50 23.00, +51 14 50.9	SR	12.13	12.47		73	2456166	Max		<a href="#">Comm. 67</a>	<a href="#">lc09519.png</a>	<a href="#">ch09519.jpg</a>	<a href="#">out09519.txt</a>
68		USNO-A2.0 1350-17417681	22 50 26.07, +51 50 15.5	BY	14.34	14.41		4.7	2456170.689	Max		<a href="#">Comm. 68</a>	<a href="#">lc24764.png</a>	<a href="#">ch24764.jpg</a>	<a href="#">out24764.txt</a>
69		USNO-A2.0 1350-17417978	22 50 26.69, +52 08 17.3	DSCTC	13.87	13.93		0.13052	2456181.089	Max			<a href="#">lc32383.png</a>	<a href="#">ch32383.jpg</a>	<a href="#">out32383.txt</a>
70		USNO-A2.0 1425-14161205	22 50 36.83, +52 33 20.4	EA	15.41	16.32		2.094	2456171.833	Min		<a href="#">Comm. 70</a>	<a href="#">lc53671.png</a>	<a href="#">ch53671.jpg</a>	<a href="#">out53671.txt</a>
71		USNO-A2.0 1350-17422866	22 50 37.23, +51 51 06.2	EW	16.38	16.84		0.3587	2456201.017	Min			<a href="#">lc25261.png</a>	<a href="#">ch25261.jpg</a>	<a href="#">out25261.txt</a>
72		USNO-A2.0 1350-17426944	22 50 45.60, +51 38 41.3	EW	16.57	17.04		0.34203	2456171.234	Min			<a href="#">lc19923.png</a>	<a href="#">ch19923.jpg</a>	<a href="#">out19923.txt</a>
73		USNO-A2.0 1350-17429837	22 50 51.52, +52 03 22.3	EW	14.97	15.42		0.68715	2456179.367	Min			<a href="#">lc81141.png</a>	<a href="#">ch81141.jpg</a>	<a href="#">out81141.txt</a>
74		USNO-A2.0 1350-17431663	22 50 55.39, +51 53 31.4	EW	14.3	14.68		0.53475	2456180.059	Min			<a href="#">lc26109.png</a>	<a href="#">ch26109.jpg</a>	<a href="#">out26109.txt</a>
75		USNO-A2.0 1350-17434003	22 51 00.39, +51 18 38.8	EB	14.54	14.86		0.7787	2456204.907	Min		<a href="#">Comm. 75</a>	<a href="#">lc11407.png</a>	<a href="#">ch11407.jpg</a>	<a href="#">out11407.txt</a>
76		USNO-A2.0 1350-17435986	22 51 04.63, +51 20 41.1	HADS	13.18	13.33		0.107815	2456159.231	Max			<a href="#">lc11979.png</a>	<a href="#">ch11979.jpg</a>	<a href="#">out11979.txt</a>
77		USNO-A2.0 1350-17438587	22 51 10.12, +51 18 56.9	EA	15.01	15.55:		2.3934	2456204.535	Min			<a href="#">lc11499.png</a>	<a href="#">ch11499.jpg</a>	<a href="#">out11499.txt</a>
78		USNO-A2.0 1350-17442261	22 51 18.02, +51 20 13.0	EW	16.24	16.62		0.3622	2456181.581	Min			<a href="#">lc12090.png</a>	<a href="#">ch12090.jpg</a>	<a href="#">out12090.txt</a>
79		USNO-A2.0 1425-14186854	22 51 30.22, +52 55 15.9	EB	15.06	15.58		0.790223	2456171.026	Min		<a href="#">Comm. 79</a>	<a href="#">lc45076.png</a>	<a href="#">ch45076.jpg</a>	<a href="#">out45076.txt</a>
80		USNO-A2.0 1350-17448745	22 51 32.10, +50 52 16.6	EA	14.32	14.8		0.730	2456181.14	Min		<a href="#">Comm. 80</a>	<a href="#">lc00473.png</a>	<a href="#">ch00473.jpg</a>	<a href="#">out00473.txt</a>
81		USNO-A2.0 1350-17448915	22 51 32.51, +52 19 41.1	EW	16.4	17		0.345155	2456175.237	Min			<a href="#">lc40839.png</a>	<a href="#">ch40839.jpg</a>	<a href="#">out40839.txt</a>
82		USNO-A2.0 1350-17449840	22 51 34.53, +51 01 46.8	BY	14.31	14.45		12.65	2455829	Max		<a href="#">Comm. 82</a>	<a href="#">lc04373.png</a>	<a href="#">ch04373.jpg</a>	<a href="#">out04373.txt</a>
83		USNO-A2.0 1350-17450856	22 51 36.74, +51 32 45.9	EA	15.75	16.3		3.21:	2456160.4	Min		<a href="#">Comm. 83</a>	<a href="#">lc17229.png</a>	<a href="#">ch17229.jpg</a>	<a href="#">out17229.txt</a>
84		USNO-A2.0 1425-14197351	22 51 52.50, +52 38 14.2	EW	15.8	16		0.265426	2456201.094	Min			<a href="#">lc51723.png</a>	<a href="#">ch51723.jpg</a>	<a href="#">out51723.txt</a>
85		USNO-A2.0 1350-17458822	22 51 54.16, +50 53 37.2	EA	13.5	13.66:		1.431	2456152.896	Min		<a href="#">Comm. 85</a>	<a href="#">lc00920.png</a>	<a href="#">ch00920.jpg</a>	<a href="#">out00920.txt</a>
86	EH Lac	USNO-A2.0 1350-17459496	22 51 55.61, +51 25 14.4	EA	14.09	14.29:		5.8:	2456180.85	Min			<a href="#">lc13877.png</a>	<a href="#">ch13877.jpg</a>	<a href="#">out13877.txt</a>
87		USNO-A2.0 1350-17464743	22 52 07.04, +51 40 59.4	EW	14.8	15.05		0.32877	2456171.227	Min			<a href="#">lc20567.png</a>	<a href="#">ch20567.jpg</a>	<a href="#">out20567.txt</a>
88		USNO-A2.0 1350-17468965	22 52 16.34, +52 07 38.1	EA	14.01	14.17		1.23894	2456172.053	Min		<a href="#">Comm. 88</a>	<a href="#">lc31820.png</a>	<a href="#">ch31820.jpg</a>	<a href="#">out31820.txt</a>
89		USNO-A2.0 1350-17469497	22 52 17.59, +51 46 22.6	BY:	14.28	14.53		21:	2456173.1	Max			<a href="#">lc22803.png</a>	<a href="#">ch22803.jpg</a>	<a href="#">out22803.txt</a>
90		USNO-A2.0 1425-14210652	22 52 21.22, +52 54 28.5	EW	15.62	15.98		0.42144	2456173.219	Min			<a href="#">lc45499.png</a>	<a href="#">ch45499.jpg</a>	<a href="#">out45499.txt</a>
91		USNO-A2.0 1425-14211453	22 52 22.90, +52 53 11.6	EW	15.5	15.87		0.28592	2456171.2	Min			<a href="#">lc45751.png</a>	<a href="#">ch45751.jpg</a>	<a href="#">out45751.txt</a>
92		USNO-A2.0 1425-14214568	22 52 29.22, +52 44 32.8	EA	12.72	12.92		1.518	2456173.593	Min		<a href="#">Comm. 92</a>	<a href="#">lc49822.png</a>	<a href="#">ch49822.jpg</a>	<a href="#">out49822.txt</a>
93		USNO-A2.0 1425-14215061	22 52 30.33, +53 07 33.3	EA	13.46	13.79		1.6051	2456152.893	Min			<a href="#">lc34056.png</a>	<a href="#">ch34056.jpg</a>	<a href="#">out34056.txt</a>
94		USNO-A2.0 1425-14218422	22 52 37.51, +52 43 06.5	EA	14.22	14.69:		4.154	2456208.181	Min		<a href="#">Comm. 94</a>	<a href="#">lc49936.png</a>	<a href="#">ch49936.jpg</a>	<a href="#">out49936.txt</a>

95		USNO-A2.0 1425-14220739	22 52 42.30, +53 01 33.3	EW	15.43	15.66		0.6003	2456173.281	Min			<a href="#">lc36732.png</a>	<a href="#">ch36732.jpg</a>	<a href="#">out36732.txt</a>
96		USNO-A2.0 1425-14221311	22 52 43.47, +53 04 49.4	EW:	11.8	11.86		0.53554	2456173.173	Min			<a href="#">lc35219.png</a>	<a href="#">ch35219.jpg</a>	<a href="#">out35219.txt</a>
97		USNO-A2.0 1425-14226602	22 52 54.82, +52 35 03.9	DSCT	14.05	14.14		0.111003	2456180.178	Max			<a href="#">lc53227.png</a>	<a href="#">ch53227.jpg</a>	<a href="#">out53227.txt</a>
98		USNO-A2.0 1425-14228675	22 52 59.22, +53 01 33.3	RRC:	13.88	13.97		0.2267	2456173.167:	Max			<a href="#">lc36743.png</a>	<a href="#">ch36743.jpg</a>	<a href="#">out36743.txt</a>
99		USNO-A2.0 1425-14229753	22 53 01.48, +52 52 41.1	LB	13.23	13.55				other		<a href="#">Comm. 99</a>	<a href="#">lc46357.png</a>	<a href="#">ch46357.jpg</a>	<a href="#">out46357.txt</a>
100		USNO-A2.0 1350-17502556	22 53 30.30, +51 41 11.2	EB	15.31	15.6		0.8168	2456180.926	Min		<a href="#">Comm. 100</a>	<a href="#">lc20476.png</a>	<a href="#">ch20476.jpg</a>	<a href="#">out20476.txt</a>
101		USNO-A2.0 1350-17503707	22 53 32.87, +51 52 27.4	EW	13.09	13.35		0.437803	2456174.39	Min		<a href="#">Comm. 101</a>	<a href="#">lc25127.png</a>	<a href="#">ch25127.jpg</a>	<a href="#">out25127.txt</a>
102		USNO-A2.0 1350-17508438	22 53 43.54, +50 59 53.7	EW	13.94	14.24		0.43714	2456173.276	Min		<a href="#">Comm. 102</a>	<a href="#">lc03210.png</a>	<a href="#">ch03210.jpg</a>	<a href="#">out03210.txt</a>
103		USNO-A2.0 1350-17508769	22 53 44.26, +51 53 58.7	EA	14.99	15.81		1.44798	2456171.267	Min			<a href="#">lc25865.png</a>	<a href="#">ch25865.jpg</a>	<a href="#">out25865.txt</a>
104		USNO-A2.0 1350-17508816	22 53 44.40, +51 21 14.1	L	14.7	14.95				other		<a href="#">Comm. 104</a>	<a href="#">lc12043.png</a>	<a href="#">ch12043.jpg</a>	<a href="#">out12043.txt</a>
105		USNO-A2.0 1350-17508913	22 53 44.62, +50 56 40.7	EW	16.31	16.82		0.3523	2456171.128	Min			<a href="#">lc02069.png</a>	<a href="#">ch02069.jpg</a>	<a href="#">out02069.txt</a>
106		USNO-A2.0 1350-17510248	22 53 47.51, +51 46 23.9	EW	16.55	17.05		0.3758	2456174.062	Min			<a href="#">lc22731.png</a>	<a href="#">ch22731.jpg</a>	<a href="#">out22731.txt</a>
107		USNO-A2.0 1350-17512783	22 53 53.14, +51 35 18.7	EW	14.63	14.75		0.4203	2456171.104	Min		<a href="#">Comm. 107</a>	<a href="#">lc17844.png</a>	<a href="#">ch17844.jpg</a>	<a href="#">out17844.txt</a>
108		USNO-A2.0 1350-17520465	22 54 09.78, +52 02 11.0	EW	15.3	15.45		0.2729	2456205.246	Min			<a href="#">lc29298.png</a>	<a href="#">ch29298.jpg</a>	<a href="#">out29298.txt</a>
109		USNO-A2.0 1350-17527739	22 54 25.73, +50 58 15.4	RRC	12.28	12.33		0.3279	2456201.209	Max			<a href="#">lc02304.png</a>	<a href="#">ch02304.jpg</a>	<a href="#">out02304.txt</a>
110		USNO-A2.0 1425-14274342	22 54 39.32, +53 04 35.1	EW	15.2	15.43		0.36920	2456171.354	Min			<a href="#">lc35681.png</a>	<a href="#">ch35681.jpg</a>	<a href="#">out35681.txt</a>
111		USNO-A2.0 1350-17534890	22 54 41.21, +51 46 59.8	EA	16.63	17.25:		0.7887	2456170.994	Min			<a href="#">lc22871.png</a>	<a href="#">ch22871.jpg</a>	<a href="#">out22871.txt</a>
112		USNO-A2.0 1350-17535178	22 54 41.82, +51 53 25.8	LB	12.65	12.82				other		<a href="#">Comm. 112</a>	<a href="#">lc25028.png</a>	<a href="#">ch25028.jpg</a>	<a href="#">out25028.txt</a>
113		USNO-A2.0 1350-17536167	22 54 43.99, +52 10 54.8	BY	14.27	14.41		19	2456159.9	Max		<a href="#">Comm. 113</a>	<a href="#">lc32808.png</a>	<a href="#">ch32808.jpg</a>	<a href="#">out32808.txt</a>
114		USNO-A2.0 1425-14279452	22 54 50.20, +52 48 10.7	EW	15.84	16.2		0.30623	2456174.336	Min			<a href="#">lc48248.png</a>	<a href="#">ch48248.jpg</a>	<a href="#">out48248.txt</a>
115		USNO-A2.0 1350-17543184	22 54 59.40, +51 40 37.7	RRC	13.78	14.17		0.3334	2456173.154	Max			<a href="#">lc19933.png</a>	<a href="#">ch19933.jpg</a>	<a href="#">out19933.txt</a>
116		USNO-A2.0 1350-17544244	22 55 01.68, +51 23 25.8	EW	16.2	16.4		0.323891	2456205.285	Min			<a href="#">lc12864.png</a>	<a href="#">ch12864.jpg</a>	<a href="#">out12864.txt</a>
117		USNO-B1.0 1421-0524358	22 55 05.34, +52 07 46.7	EB	15.17	15.37		0.4245	2456179.266	Min		<a href="#">Comm. 117</a>	<a href="#">lc31466.png</a>	<a href="#">ch31466.jpg</a>	<a href="#">out31466.txt</a>
118		USNO-A2.0 1425-14287532	22 55 07.96, +52 48 16.1	EW	15.37	15.58		0.35633	2456171.059	Min			<a href="#">lc48205.png</a>	<a href="#">ch48205.jpg</a>	<a href="#">out48205.txt</a>
119		USNO-A2.0 1350-17549180	22 55 12.66, +52 11 19.8	DSCTC	12.24	12.27		0.04078	2456174.248	Max			<a href="#">lc32761.png</a>	<a href="#">ch32761.jpg</a>	<a href="#">out32761.txt</a>
120		USNO-A2.0 1350-17551346	22 55 17.48, +52 00 10.5	RRC	15.97	16.48		0.3375	2456159.198	Max			<a href="#">lc28363.png</a>	<a href="#">ch28363.jpg</a>	<a href="#">out28363.txt</a>
121		USNO-A2.0 1425-14292372	22 55 18.68, +53 03 03.9	EA	14.33	14.65		4.2158:	2456170.85	Min		<a href="#">Comm. 121</a>	<a href="#">lc36377.png</a>	<a href="#">ch36377.jpg</a>	<a href="#">out36377.txt</a>
122		USNO-A2.0 1350-17552879	22 55 20.79, +51 20 26.8	EW	14.94	15.22		0.3603	2456174.12	Min		<a href="#">Comm. 122</a>	<a href="#">lc11391.png</a>	<a href="#">ch11391.jpg</a>	<a href="#">out11391.txt</a>
123		USNO-A2.0 1425-14294062	22 55 22.44, +52 40 23.4	EA	14.65	14.92		1.606	2456170.61	Min			<a href="#">lc51320.png</a>	<a href="#">ch51320.jpg</a>	<a href="#">out51320.txt</a>
124		USNO-A2.0 1425-14295264	22 55 25.19, +53 06 55.3	EW	14.25	14.4		0.5905	2456153.452	Min			<a href="#">lc34751.png</a>	<a href="#">ch34751.jpg</a>	<a href="#">out34751.txt</a>
125	V0440 Lac	USNO-A2.0 1350-17554939	22 55 25.39, +52 17 09.2	RRAB	15.1	15.94		0.650	2456159.32	Max			<a href="#">lc42314.png</a>	<a href="#">ch42314.jpg</a>	<a href="#">out42314.txt</a>
126		USNO-A2.0 1425-14298467	22 55 32.55, +52 49 20.8	EW	14.71	15.29		0.3685	2456182.177	Min			<a href="#">lc46926.png</a>	<a href="#">ch46926.jpg</a>	<a href="#">out46926.txt</a>
127		USNO-A2.0 1350-17564898	22 55 47.60, +51 47 51.2	EB	14.58	14.83		0.495219	2456180.098	Min		<a href="#">Comm. 127</a>	<a href="#">lc22931.png</a>	<a href="#">ch22931.jpg</a>	<a href="#">out22931.txt</a>
128		USNO-A2.0 1350-17565363	22 55 48.61, +51 15 14.3	EB	15.14	15.55		0.5568	2456174.423	Min		<a href="#">Comm. 128</a>	<a href="#">lc09243.png</a>	<a href="#">ch09243.jpg</a>	<a href="#">out09243.txt</a>
129		USNO-A2.0 1350-17566375	22 55 50.91, +50 54 10.5	LB	13.1	13.42				other		<a href="#">Comm. 129</a>	<a href="#">lc00606.png</a>	<a href="#">ch00606.jpg</a>	<a href="#">out00606.txt</a>
130		USNO-A2.0 1350-17566558	22 55 51.32, +51 55 15.3	EA	13.59	13.67		1.176	2456201.591	Min		<a href="#">Comm. 130</a>	<a href="#">lc26046.png</a>	<a href="#">ch26046.jpg</a>	<a href="#">out26046.txt</a>

131		USNO-A2.0 1350-17568376	22 55 55.64, +51 01 32.4	EW	13.67	14.26		0.43595	2456173.44	Min			<a href="#">lc03433.png</a>	<a href="#">ch03433.jpg</a>	<a href="#">out03433.txt</a>
132		USNO-A2.0 1350-17568887	22 55 56.79, +51 46 08.3	EW	13.1	13.34		1.1147	2456159.571	Min		<a href="#">Comm. 132</a>	<a href="#">lc22095.png</a>	<a href="#">ch22095.jpg</a>	<a href="#">out22095.txt</a>
133		USNO-A2.0 1350-17571845	22 56 03.46, +52 01 00.4	BY:	15.0	15.1		0.6412	2456171.198	Max			<a href="#">lc28527.png</a>	<a href="#">ch28527.jpg</a>	<a href="#">out28527.txt</a>
134		USNO-A2.0 1425-14312908	22 56 05.50, +53 07 23.4	EW	16.14	16.62		0.4430	2456173.284	Min			<a href="#">lc34632.png</a>	<a href="#">ch34632.jpg</a>	<a href="#">out34632.txt</a>
135		USNO-A2.0 1350-17577209	22 56 15.45, +52 03 45.8	EW	15.39	15.95		0.36615	2456173.253	Min			<a href="#">lc29718.png</a>	<a href="#">ch29718.jpg</a>	<a href="#">out29718.txt</a>
136		USNO-A2.0 1350-17585263	22 56 33.83, +52 02 38.1	EW	13.39	14.05		0.30081	2456173.114	Min		<a href="#">Comm. 136</a>	<a href="#">lc29090.png</a>	<a href="#">ch29090.jpg</a>	<a href="#">out29090.txt</a>
137		USNO-A2.0 1425-14326735	22 56 36.58, +52 33 38.7	EW:	15	15.1		0.835	2456181.224	Min			<a href="#">lc53726.png</a>	<a href="#">ch53726.jpg</a>	<a href="#">out53726.txt</a>
138		USNO-A2.0 1425-14330330	22 56 44.37, +53 07 52.7	BY	14.85	14.95		4.24	2456179.75	Max		<a href="#">Comm. 138</a>	<a href="#">lc34471.png</a>	<a href="#">ch34471.jpg</a>	<a href="#">out34471.txt</a>
139		USNO-A2.0 1350-17591728	22 56 48.63, +52 10 37.9	DSCTC	12.72	12.78		0.169039	2456174.293	Max			<a href="#">lc32282.png</a>	<a href="#">ch32282.jpg</a>	<a href="#">out32282.txt</a>
140		USNO-A2.0 1350-17593451	22 56 52.59, +52 03 33.7	LB:	11.8	11.9				other		<a href="#">Comm. 140</a>	<a href="#">lc29309.png</a>	<a href="#">ch29309.jpg</a>	<a href="#">out29309.txt</a>
141		USNO-A2.0 1350-17595204	22 56 56.63, +51 18 57.9	EB:	14.15	14.21		0.8213	2456174.948	Min		<a href="#">Comm. 141</a>	<a href="#">lc10621.png</a>	<a href="#">ch10621.jpg</a>	<a href="#">out10621.txt</a>
142		USNO-A2.0 1350-17596482	22 56 59.67, +51 53 22.8	EA	16.27	17		0.6080	2456171.398	Min		<a href="#">Comm. 142</a>	<a href="#">lc25296.png</a>	<a href="#">ch25296.jpg</a>	<a href="#">out25296.txt</a>
143		USNO-A2.0 1350-17598362	22 57 04.15, +52 09 04.5	EA	13.1	13.44		1.6224	2456173.509	Min		<a href="#">Comm. 143</a>	<a href="#">lc31686.png</a>	<a href="#">ch31686.jpg</a>	<a href="#">out31686.txt</a>
144		USNO-A2.0 1350-17600274	22 57 08.41, +52 26 31.9	EB	14.67	14.86		0.6234	2456171.631	Min		<a href="#">Comm. 144</a>	<a href="#">lc39982.png</a>	<a href="#">ch39982.jpg</a>	<a href="#">out39982.txt</a>
145		USNO-A2.0 1350-17602418	22 57 13.50, +52 16 52.3	EW	16.21	16.45		0.232622	2456205.089	Min			<a href="#">lc42068.png</a>	<a href="#">ch42068.jpg</a>	<a href="#">out42068.txt</a>
146		USNO-A2.0 1425-14345657	22 57 18.01, +52 39 40.9	EW	13.17	13.28		0.3454	2456179.26	Min			<a href="#">lc39718.png</a>	<a href="#">ch39718.jpg</a>	<a href="#">out39718.txt</a>
147		USNO-A2.0 1350-17606126	22 57 22.03, +51 36 51.7	DSCTC:	14.22	14.27		0.14961	2456171.223	Max			<a href="#">lc17991.png</a>	<a href="#">ch17991.jpg</a>	<a href="#">out17991.txt</a>
148		USNO-A2.0 1350-17607300	22 57 24.63, +51 16 17.8	EW	16.7	17.1		0.3072	2456181.221	Min			<a href="#">lc09362.png</a>	<a href="#">ch09362.jpg</a>	<a href="#">out09362.txt</a>

### Comments:

2.  $\text{Min}_{\text{II}} = 14^{\text{m}}.62$ .

3.  $J_{\text{mag}} = 12.103$ ,  $H_{\text{mag}} = 11.412$ ,  $K_{\text{mag}} = 11.211$  (2MASS).

5.  $\text{Min}_{\text{II}} = 14^{\text{m}}.95$ . Slight O'Connel effect.

9. Twice longer period is possible.

10.  $J_{\text{mag}} = 9.148$ ,  $H_{\text{mag}} = 8.142$ ,  $K_{\text{mag}} = 7.784$  (2MASS).

The star in the NSVS database: [NSVS ID 6070590](#). The NSVS data confirm the star's type.

13.  $\text{Min}_{\text{II}} = 16^{\text{m}}.51$ .

14.  $\text{Min}_{\text{II}} = 15^{\text{m}}.3$ .

16. Twice shorter period is also possible. O'Connel effect.

18. The star has at least two pulsation periods. One period is given in the table, the second is  $P = 0^{\text{d}}.101399$ .

23.  $\text{Min}_{\text{II}} = 14^{\text{m}}.88$ .

24.  $J_{\text{mag}} = 12.848$ ,  $H_{\text{mag}} = 12.445$ ,  $K_{\text{mag}} = 12.359$  (2MASS).  
To determine period of this star we also used images obtained on August 16 and October 30, 2011.

25.  $\text{Min}_{\text{II}} = 13^{\text{m}}.58$ .

26.  $J_{\text{mag}} = 11.697$ ,  $H_{\text{mag}} = 11.036$ ,  $K_{\text{mag}} = 10.897$  (2MASS).

27.  $J_{\text{mag}} = 11.253$ ,  $H_{\text{mag}} = 10.618$ ,  $K_{\text{mag}} = 10.466$  (2MASS).

28.  $\text{Min}_{\text{II}} = 13^{\text{m}}.26$ .

29.  $J_{\text{mag}} = 13.443$ ,  $H_{\text{mag}} = 12.859$ ,  $K_{\text{mag}} = 12.679$  (2MASS).

33.  $J_{\text{mag}} = 9.888$ ,  $H_{\text{mag}} = 8.900$ ,  $K_{\text{mag}} = 8.584$  (2MASS).

34.  $J_{\text{mag}} = 10.171$ ,  $H_{\text{mag}} = 9.189$ ,  $K_{\text{mag}} = 8.846$  (2MASS).

35.  $J_{\text{mag}} = 10.286$ ,  $H_{\text{mag}} = 9.304$ ,  $K_{\text{mag}} = 8.994$  (2MASS).

36.  $\text{Min}_{\text{II}} = 14^{\text{m}}.93$ .

41.  $\text{Min}_{\text{II}} = 16^{\text{m}}.44$ .

47.  $J_{\text{mag}} = 8.887$ ,  $H_{\text{mag}} = 7.878$ ,  $K_{\text{mag}} = 7.494$  (2MASS).

48.  $J_{\text{mag}} = 13.092$ ,  $H_{\text{mag}} = 12.448$ ,  $K_{\text{mag}} = 12.305$  (2MASS).

49. Twice longer period is quite possible.

51.  $J_{\text{mag}} = 10.115$ ,  $H_{\text{mag}} = 8.410$ ,  $K_{\text{mag}} = 7.097$  (2MASS).

55.  $\text{Min}_{\text{II}} = 14^{\text{m}}.54$ .

59.  $J_{\text{mag}} = 8.724$ ,  $H_{\text{mag}} = 7.313$ ,  $K_{\text{mag}} = 6.358$  (2MASS).

60.  $P = 0^{\text{d}}.12351$  is possible.

63.  $\text{Min}_{\text{II}} = 15^{\text{m}}.84$ .

66.  $J_{\text{mag}} = 9.782$ ,  $H_{\text{mag}} = 8.860$ ,  $K_{\text{mag}} = 8.494$  (2MASS).  
To plot the light curve we also used images obtained on August 16 and October 30, 2011.

67.  $J_{\text{mag}} = 8.320$ ,  $H_{\text{mag}} = 7.352$ ,  $K_{\text{mag}} = 7.011$  (2MASS).  
The star in the NSVS database: [NSVS ID 6176027](#). The NSVS data confirm the star's type.

68.  $J_{\text{mag}} = 12.304$ ,  $H_{\text{mag}} = 11.636$ ,  $K_{\text{mag}} = 11.503$  (2MASS).

70.  $\text{Min}_{\text{II}} = 15^{\text{m}}.9$ .

75.  $\text{Min}_{\text{II}} = 14^{\text{m}}.65$ .

79.  $\text{Min}_{\text{II}} = 15^{\text{m}}.3$ .

80.  $\text{Min}_{\text{II}} = 14^{\text{m}}.39$ .

82.  $\text{Jmag} = 12.570$ ,  $\text{Hmag} = 11.950$ ,  $\text{Kmag} = 11.788$  (2MASS).

To determine period of this star we also used images obtained on August 16 and October 30, 2011.

83.  $\text{Min}_{\text{II}} = 16^{\text{m}}.15$ .

85.  $\text{Min}_{\text{II}} = 13^{\text{m}}.54$ .

88.  $\text{Min}_{\text{II}} = 14^{\text{m}}.04$ .

92.  $\text{Min}_{\text{II}} = 12^{\text{m}}.78$ .

94.  $\text{Min}_{\text{II}} = 14^{\text{m}}.37$ .

99.  $\text{Jmag} = 9.675$ ,  $\text{Hmag} = 8.679$ ,  $\text{Kmag} = 8.319$  (2MASS).

The star in the NSVS database: [NSVS ID 6178264](#). The NSVS data confirm the star's type.

100.  $\text{Min}_{\text{II}} = 15^{\text{m}}.4$ .

101.  $\text{Min}_{\text{II}} = 13^{\text{m}}.31$ .

102.  $\text{Min}_{\text{II}} = 14^{\text{m}}.09$ .

104.  $\text{Jmag} = 12.905$ ,  $\text{Hmag} = 12.270$ ,  $\text{Kmag} = 12.175$ .

107.  $\text{Min}_{\text{II}} = 14^{\text{m}}.69$ .

112.  $\text{Jmag} = 9.142$ ,  $\text{Hmag} = 8.121$ ,  $\text{Kmag} = 7.803$  (2MASS).

The star in the NSVS database: [NSVS ID 6180054](#).

113.  $\text{Jmag} = 12.467$ ,  $\text{Hmag} = 11.871$ ,  $\text{Kmag} = 11.767$  (2MASS).

117.  $\text{Min}_{\text{II}} = 15^{\text{m}}.3$ .

121.  $\text{Min}_{\text{II}} = 14^{\text{m}}.5$ .

122.  $\text{Min}_{\text{II}} = 15^{\text{m}}.15$ .

127.  $\text{Min}_{\text{II}} = 14^{\text{m}}.78$ .

128.  $\text{Min}_{\text{II}} = 15^{\text{m}}.34$ .

129.  $\text{Jmag} = 9.932$ ,  $\text{Hmag} = 8.982$ ,  $\text{Kmag} = 8.671$  (2MASS).

The star in the NSVS database: [NSVS ID 6181387](#).

To search for star's period we also used images obtained on August 16 and October 30, 2011.

130. Twice longer period is possible.

132. The star in the NSVS database: [NSVS ID 6181268](#). The NSVS data confirm the star's type.

136.  $\text{Min}_{\text{II}} = 13^{\text{m}}.95$ .

138.  $\text{Jmag} = 13.266$ ,  $\text{Hmag} = 12.822$ ,  $\text{Kmag} = 12.721$  (2MASS).

140.  $\text{Jmag} = 8.731$ ,  $\text{Hmag} = 7.739$ ,  $\text{Kmag} = 7.448$  (2MASS).

The star in the NSVS database: [NSVS ID 6182087](#).

141.  $P = 0^{\text{d}}.4109221$  is also possible: RRC type.

142.  $\text{Min}_{\text{II}} = 16^{\text{m}}.45$ .

143.  $\text{Min}_{\text{II}} = 13^{\text{m}}.24$ .

144.  $\text{Min}_{\text{II}} = 14^{\text{m}}.73$

### Remarks:

Our observations of an area in Lacerta were performed in the observatory of the Siberian State Aerospace University with a Hamilton telescope (D = 400 mm, F = 915 mm) equipped with a FLI ML9000 CCD chip (3056x3056 pixels, pixel size 12  $\mu\text{m}$ ). We obtained all unfiltered CCD observations during time interval from August 2012 to November 2012. Exposure times were 30 seconds for all frames. The size of the field is  $2^{\circ}.3 \times 2^{\circ}.3$ . The magnitudes were referred to red magnitudes of comparison stars from the USNO-A2.0 catalog (Monet et al. 1998). We used [VaST](#) (Sokolovsky & Lebedev 2005) software to search for new variable stars. To find periods, we applied WinEfk software provided by Dr. V.P. Goranskij. Observations for several stars can also be found in the ROTSE-I/NSVS survey (Wozniak et al. 2004). For two previously known variables, EH Lac and V440 Lac, we present new light elements.

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