

Field photometry for **T CrB** from the AAVSO Variable Star Database – A scale Binocular chart

Data includes all comparison stars within 7.5° of RA: **15:59:30.16 [239.87566667°]** & Dec: **25:55:12.6 [25.92016667°]**

Report this sequence as **X36941G** in the chart field of your observation report.

AUID	RA	Dec	Label	U	B	V	B-V	Rc	Ic	J	H	K	Comments
000-BBW-312	15:34:41.19 [233.67163086°]	26:42:53.7 [26.71491623°]	22	2.182 (0.012) ²⁰	2.209 (0.010) ²⁰	2.232 (0.008) ²⁰	-0.023 (0.013)	2.245 (0.150) ²⁴	—	2.249 (0.242) ⁸	2.394 (0.202) ⁸	2.206 (0.362) ⁸	BINO_COMP. Alf CrB - EA - V= 2.22-2.32. ONLY FOR VISUAL USE (or check it is not in eclipse).
000-BBX-576	16:30:13.26 [247.55525207999997°]	21:29:22.7 [21.48963928°]	28	4.405 (0.021) ²⁰	3.715 (0.018) ²⁰	2.781 (0.015) ²⁰	0.934 (0.023)	2.290 (0.150) ²⁴	—	1.238 (0.208) ⁸	0.739 (0.160) ⁸	0.725 (0.162) ⁸	BINO_COMP. bet Her - ROT: - V= 2.77 - 2.80. Only for visual use.
000-BBW-196	15:27:49.73 [231.95721436°]	29:06:20.5 [29.10569382°]	37	4.065 (0.018) ²⁰	3.953 (0.016) ²⁰	3.678 (0.013) ²⁰	0.275 (0.021)	3.565 (0.150) ²⁴	—	3.598 (0.302) ⁸	3.553 (0.210) ⁸	3.456 (0.298) ⁸	BINO_COMP. bet CrB - ACV - V= 3.65 - 3.69. Only for visual use.
000-BBW-475	15:42:44.57 [235.68571472°]	26:17:44.2 [26.29561043°]	38	3.776 (0.019) ²⁰	3.815 (0.018) ²⁰	3.814 (0.013) ¹²	0.001 (0.022)	3.842 (0.150) ²⁴	—	3.620 (0.194) ⁸	3.691 (0.206) ⁸	3.670 (0.226) ⁸	BINO_COMP. gam CrB - ELL - V= 3.805 - 3.822. ONLY FOR VISUAL USE.
000-BBW-775	15:57:35.25 [239.3968811°]	26:52:40.3 [26.87786102°]	41	6.649 (0.016) ²⁰	5.371 (0.014) ²⁰	4.140 (0.013) ²⁰	1.231 (0.019)	3.520 (0.150) ²⁴	—	2.104 (0.260) ⁸	1.488 (0.160) ⁸	1.349 (0.188) ⁸	BINO_COMP
000-BBW-453	15:41:33.06 [235.38775635°]	19:40:13.5 [19.67041588°]	45	4.595 (0.020) ²⁰	4.559 (0.017) ²⁰	4.516 (0.014) ²⁰	0.043 (0.022)	4.504 (0.150) ²⁴	—	4.413 (0.228) ⁸	4.482 (0.218) ⁸	4.305 (0.005) ⁸	BINO_COMP. iot Ser - DSCT - V= 4.516, ampl 0.004 TESS.
000-BBW-903	16:02:17.69 [240.57371520999996°]	22:48:16.0 [22.80444527°]	48	4.959 (0.022) ²⁰	4.892 (0.008) ²⁰	4.827 (0.004) ²⁰	0.065 (0.009)	4.809 (0.150) ²⁴	—	5.012 (0.266) ⁸	4.658 (0.033) ⁸	4.619 (0.009) ⁸	BINO_COMP.
000-BBW-887	16:01:26.57 [240.36070251°]	29:51:03.8 [29.85105515°]	50	4.737 (0.019) ²⁰	4.926 (0.014) ²⁰	4.987 (0.009) ²⁰	-0.061 (0.017)	5.031 (0.150) ²⁴	—	5.013 (0.033) ⁸	5.105 (0.011) ⁸	5.071 (0.013) ⁸	BINO_COMP

AUID	RA	Dec	Label	U	B	V	B-V	Rc	Ic	J	H	K	Comments
000-BBW-699	15:54:34.61 [238.64421082°]	20:18:39.5 [20.31097221°]	54	8.969 (0.010) ²⁰	7.026 (0.008) ²⁰	5.439 (0.006) ²⁰	1.587 (0.010)	4.557 (0.150) ²⁴	—	2.699 (0.252) ⁸	1.859 (0.212) ⁸	1.718 (0.246) ⁸	BINO_COMP. QY Ser - LB - V= 5.42 - 5.46. ONLY FOR VISUAL USE.
000-BBW-496	15:43:59.30 [235.99708557°]	32:30:56.9 [32.51580811°]	56	7.588 (0.150) ²⁴	6.620 (0.100) ²²	5.560 (0.100) ²²	1.060 (0.141)	5.005 (0.150) ²⁴	—	3.694 (0.232) ⁸	3.184 (0.186) ⁸	3.066 (0.266) ⁸	BINO_COMP
000-BBX-242	16:16:44.79 [244.18663025°]	29:09:00.9 [29.15024948°]	58	5.947 (0.025) ²⁰	5.843 (0.024) ²⁰	5.784 (0.019) ²⁰	0.059 (0.031)	5.756 (0.150) ²⁴	—	5.570 (0.013) ⁸	5.591 (0.013) ⁸	5.558 (0.007) ⁸	BINO_COMP
000-BBX-222	16:15:47.32 [243.94717407°]	27:25:19.5 [27.4220829°]	61	8.964 (0.150) ²⁴	(—) ²⁰	(—) ²⁰	(—)	5.449 (0.150) ²⁴	—	4.047 (0.330) ⁸	3.318 (0.254) ⁸	3.037 (0.314) ⁸	BINO_COMP
000-BBW-563	15:48:01.79 [237.00746155°]	31:44:08.2 [31.73561096°]	64	9.810 (—) ²⁰	7.900 (—) ²⁰	6.390 (—) ²⁰	1.510 (—)	—	—	3.798 (0.268) ⁸	2.986 (0.190) ⁸	2.742 (0.262) ⁸	BINO_COMP. HIP 77397. V= 6.39 - 6.41. Only for visual use.
000-BBW-863	16:00:42.52 [240.1771698°]	31:34:05.7 [31.56825066°]	66	8.670 (0.016) ²⁰	7.705 (0.015) ²⁰	6.615 (0.015) ²⁰	1.090 (0.021)	6.040 (0.150) ²⁴	—	4.775 (0.218) ⁸	4.319 (0.033) ⁸	4.057 (0.019) ⁸	BINO_COMP
000-BBX-292	16:18:23.66 [244.59858704000004°]	25:53:48.1 [25.89669418°]	67	8.150 (9.999) ²⁰	7.590 (9.999) ²⁰	6.680 (9.999) ²⁰	0.910 (14.141)	6.229 (0.150) ²⁴	—	5.074 (0.033) ⁸	4.688 (0.033) ⁸	4.584 (0.011) ⁸	BINO_COMP.
000-BBW-936	16:04:03.69 [241.01538086°]	25:15:17.3 [25.25480461°]	71	8.205 (0.029) ²⁰	7.869 (0.023) ²⁰	7.099 (0.023) ²⁰	0.770 (0.033)	6.676 (0.150) ²⁴	—	5.627 (0.005) ⁸	5.291 (0.033) ⁸	5.168 (0.009) ⁸	BINO_COMP
000-BBW-559	15:47:40.83 [236.92012024°]	28:28:10.4 [28.4695549°]	75	—	7.918 (0.029) ²⁸	7.465 (0.024) ²⁸	0.453 (0.038)	—	—	6.504 (0.011) ⁸	6.352 (0.017) ⁸	6.277 (0.015) ⁸	BINO_COMP
000-BKS-233	15:55:25.81 [238.85754395°]	29:32:13.5 [29.53708267°]	76	—	7.695 (0.018) ¹²	7.633 (0.013) ¹²	0.062 (0.022)	—	—	—	—	—	BINO_COMP. HD 142796 - VAR (ampl. 0.003 TESS). Combined magnitude of a close 3.6" double (V= 7.68 and 11.1).

AUID	RA	Dec	Label	U	B	V	B-V	Rc	Ic	J	H	K	Comments
000-BBW-657	15:52:30.86 [238.12858582°]	28:54:47.9 [28.91330528°]	78	—	9.022 (0.020) ¹²	7.806 (0.014) ¹²	1.216 (0.024)	—	6.626 (0.017) ¹²	5.697 (0.019) ⁸	5.125 (0.021) ⁸	4.985 (0.015) ⁸	BINO_COMP
000-BBW-881	16:01:03.91 [240.26629638999998°]	26:10:20.7 [26.17241669°]	79	—	8.327 (0.047) ¹	7.886 (0.032) ¹	0.441 (0.057)	7.633 (0.034) ²⁸	7.392 (0.038) ²⁸	7.044 (0.007) ⁸	6.884 (0.025) ⁸	6.845 (0.009) ⁸	BINO_COMP. HD 143707 GDOR - Ampl. 0.003 TESS.
000-BPX-082	15:58:34.91 [239.64546204°]	26:32:35.0 [26.54305649°]	81	—	9.175 (0.048) ¹	8.133 (0.032) ¹	1.042 (0.058)	—	—	—	—	—	BINO_COMP.
000-BBW-888	16:01:28.59 [240.36912537000003°]	26:24:16.5 [26.40458298°]	84	—	8.861 (0.043) ²⁸	8.361 (0.021) ²⁸	0.500 (0.048)	8.066 (0.028) ²⁸	7.777 (0.032) ²⁸	7.434 (0.029) ⁸	7.139 (0.031) ⁸	7.165 (0.025) ⁸	BINO_COMP. NSV 7394 - ROT: - Ampl. 0.002 TESS.
000-BPX-083	15:58:58.07 [239.74195862°]	24:37:17.0 [24.62138939°]	88	—	9.789 (0.050) ¹	8.791 (0.032) ¹	0.998 (0.059)	—	—	—	—	—	BINO_COMP

- **AUID** is the AAVSO Unique Identifier for the star. When reporting a problem, please include this AUID.
- Coordinates are in J2000 sexagesimal format, followed by decimal degrees
- [Search for variable stars in this field](#) via VSX
- **Label** is that star's label when plotted on an AAVSO chart, usually (but not always) its V magnitude rounded to the nearest tenth.

Source Reference Table

Footnote	Source	Footnote	Source	Footnote	Source
1	Tycho-2	17	ASAS	33	SRO50
2	GSC 1.2	18	SRO	34	K35
3	GSC 2.2	19	NA	35	Landolt2007
4	USNO A2.0	20	GCPD	36	Landolt2009
5	USNO B1.0	21	SDSS	37	BSM_S
6	GCVS 4.2	22	BSC	38	UCAC3
7	UCAC2	23	LONEOS	39	UCAC4
8	2MASS	24	WBVR	40	BSM-Hamren
9	AAVSO Charts	25	DENIS	41	BSM_Berry
10	CCD Henden	26	CMC14	42	TMO61
11	Downes	27	RRLyr	43	VSX

Footnote	Source	Footnote	Source	Footnote	Source
12	Hipparcos	28	BSM_NM	44	COKER30
13	HD	29	APASS	45	BSM_HQ
14	NSV	30	W28	46	Pan-STARRS
15	ACP 0.9	31	W30	47	Landolt2013
16	TASS	32	OC61	48	GAIA DR2