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PHOTOELECTRIC OBSERVATIONS OF ZETA AURIGAE NEAR MINIMUM
 1971-72.

The star Zeta Aur was observed with a photoelectric photometer attached to the 20cm Grubb refractor of Cracow Observatory. The observations were reduced to the BV system of Johnson-Morgan. Lambda Aur: V=4^m.70 ; B=5^m.32 and 2 Aur: V=4^m.80 ; B=6^m.25 were used as comparison stars. The table contains the results of the observations (taking into account the differential extinction).

The relatively large dispersion in the observations is due to bad air conditions.

J.D. 2441000+	Comp. star	V	B	J.D. 2441000+	Comp. star	V	B
283.3688	L	3.80	5.14	313.3799	2	3.96	5.68
3743	L	3.84	5.13	3826	2	3.95	5.70
3764	L	3.83	5.17	3886	2	3.94	5.64
3819	L	3.83	5.15	3903	L	3.92	5.68
3840	2	3.79:	5.14:	3962	L	3.91	5.65
3900	2	3.82	5.19	320.2090	2	3.97	5.66
3914	2	3.82	5.22	2132	2	3.97	5.66
3968	2	3.84	5.23	2146	2	3.91	5.63
4046	L	3.81	5.16	2194	2	3.93	5.65
4062	L	3.80:	5.25:	2215	2	3.94	5.69
4934	L	3.85	5.22	2285	L	3.90	5.65
5014	L	3.80	5.17	2340	L	3.89	5.60
5111	L	3.83	5.22	2354	L	3.89	5.61
284.3431	2	3.90	5.65	2410	L	3.97	5.64
3482	2	3.93	5.63	2424	2	3.97	5.67
3500	2	3.93	5.62	2465	2	3.94	5.72
3546	2	3.94	5.67	2479	L	3.92	5.60
313.3326	L	3.91	5.67	3465	L	3.92	5.60
3417	L	3.92	5.67	3514	L	3.92	5.64
3438	L	3.92	5.71	3559	L	3.94	5.62
3500	L	3.91	5.66	3629	2	3.96	5.68
3556	2	3.93	5.74	3951	L	3.94	5.68
3618	2	3.94	5.71	4000	L	3.95	5.65
3636	2	3.93	5.74	4014	L	3.92	5.66
3704	2	3.94	5.75	4062	L	3.95	5.65
3729	2	3.94	5.72				

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