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NEW OBSERVATIONS OF HZ Her

During the period 27 August - 25 September 1983 photographic observations of the variable star HZ Her were carried out at the Byurakan Astrophysical Observatory with the 40in./52in. Schmidt telescope in U-light (ORWO ZU-21+UG1). The results of the photometry are listed in the Table. During $4^{\text{h}}03^{\text{m}}$ of the observations 12 plates were obtained, 8 of them by the method of multiple exposure. For these plates the magnitudes listed correspond to the mean values of HZ Her.

Date (1983)	Time of observation (UT)	Time of exposure	m_u	
August	27	$17^{\text{h}}38^{\text{m}}$	$6 \times 5^{\text{m}}$	12.5^{m}
	31	19 15	$8 \times 5^{\text{m}}$	15.3
	31	19 55	15^{m}	15.2
September	1	19 13	$9 \times 5^{\text{m}}$	12.5
	2	18 05	$6 \times 5^{\text{m}}$	13.7
	13	18 58	10^{m}	13.2
	14	17 14	$6 \times 3^{\text{m}}$	14.2
	14	18 50	$4 \times 5^{\text{m}}$	14.2
	15	17 10	$6 \times 1^{\text{m}}$	13.4
	15	18 00	$3 \times 3^{\text{m}}$	13.7
	25	16 15	5^{m}	12.8
	25	16 32	15^{m}	13.4

The date, the time (UT) of the middle moment of exposure time, and the U magnitudes are listed in the Table. The brightness of HZ Her in U-light during our observations varied from 15.3^{m} to 12.5^{m} .

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CORRIGENDUM

The last six Julian days in Table I of I.B.V.S. No. 2331 (9 May 1983) were erroneously given. The correct version of the Table given by Dr. O.J. Eggen is as follows:

TABLE I. Intermediate Band and H β Observations of HD 87072

JD 244	Phases	V	b-y	M ₁	C ₁	β
4693.701	0.267	8. ^m 35	0. ^m 480	0. ^m 238	0. ^m 784	2. ^m 642
4694.688	0.745	8.34	0.477	0.240	0.774	2.649
5032.701	0.550	8.44	0.501	0.248	0.735	2.637
5050.688	0.266	8.33	0.476	0.232	0.763	2.645
5051.968	0.756	8.37	0.486	0.242	0.776	2.647
5052.715	0.249	8.33	0.465	0.237	0.765	2.654
5057.677	0.653	8.40	0.485	0.250	0.743	2.647
5058.652	0.126	8.26	0.456	0.225	0.808	2.663
5068.604	0.949	8.21	0.443	0.211	0.817	2.674
5069.622	0.442	8.43	0.496	0.244	0.733	2.640
5070.625	0.928	8.22	0.443	0.215	0.832	2.675
5090.604	0.610	8.44	0.499	0.240	0.722	2.646
5119.503	0.615	8.41	0.498	0.236	0.751	2.643
5151.472	0.107	8.26	0.435	0.239	0.839	2.672
5152.476	0.594	8.44	0.501	0.246	0.751	2.643
5153.490	0.085	8.24	0.440	0.242	0.818	2.673
5370.847	0.419	8.40	0.505	0.236	0.744	2.642
5376.785	0.296	8.37	0.500	0.241	0.742	2.643
5377.781	0.779	8.34	0.482	0.229	0.763	2.648
5378.837	0.290	8.38	0.500	0.256	0.748	2.643
5382.833	0.227	8.31	0.474	0.226	0.802	2.654
5383.783	0.688	8.39	0.477	0.237	0.780	2.649
5384.750	0.156	8.30	0.457	0.236	0.820	2.671
5385.733	0.633	8.42	0.476	0.258	0.752	2.646
5386.594	0.050	8.22	0.439	0.224	0.835	...
5386.809	0.154	8.28	0.456	0.225	0.821	2.663