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MINIMA OF ECLIPSING VARIABLES

A photoelectric study of the eclipsing binaries U Cep and RZ Cas was carried out in yellow light with the 8-inch refractor of the Kourovka observatory at the Urals University. The comparison stars were HD 6006,  $m_v = 7^m 89$ , Sp A0 for U Cep and BD 69°171,  $m_v = 8^m 0$ , Sp A0 for RZ Cas. Two newly observed primary minima are given.

Star	JD hel 2400000+	E	O-C	n	method of obs.
U Cep	36466.6013	11463	+0.1872 <sup>1</sup>		pg
	541.3858	11493	+0.1847		pg
	576.2872	11507	+0.1855		pg
	581.2729	11509	+0.1854		pg
	825.5791	11607	+0.1873		pg
	40273.4695	12990	+0.3959	35	pe
RZ Cas	779.551	13193	+0.419	15	vis
	789.529	13197	+0.426 <sup>2</sup>	11	vis
	36816.4975	16282	-0.0172 <sup>2</sup>		pg
	37912.5334	17199	-0.0274		pg
	38676.2915	17838	-0.0352		pg
AQ Peg	40274.3375	19175	-0.0410	14	pe
	789.490	19606	-0.042 <sup>3</sup>	15	vis
	37882.491	2367	+0.079 <sup>3</sup>		pg
UX UMa	40096.335	2766	+0.108	18	vis
	40777.4117	68318	-0.0057 <sup>4</sup>	16	vis
	779.3779	68328	-0.0062	9	ivs

n: total number of estimates of brightness;

1. C = Min.hel. JD = 2407890.2957 + 2.4929005E;
2. C = Min.hel. JD = 2417355.4233 + 1.1952519E;
3. C = Min.hel. JD = 2424749.3305 + 5.548408E;
4. C = Min.hel. JD = 2427341.2221 + 0.196671379E;

Photographic moments of minima obtained with sky patrol plates at the Odessa observatory are also presented. Finally visual observations were made with the 19-inch reflector on UX UMa, AQ Peg, and with a binocular on U Cep and RZ Cas for the determination of minima and for studying their period-variations.

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