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THREE PHOTO-ELECTRIC MINIMA OF THE ECLIPSING VARIABLE RZ Cas

Three photo-electric minima have been obtained photo-electrically at the Leiden Observatory of the eclipsing variable star RZ Cas.This star shows a variability in its period. The observations were made in the nights of December 23/24, 1962, February 28/March 1, 1963 and July 31/August 1, 1963, in yellow light with the 45-cm Zunderman reflector. A yellow filter Corning 3384 was used, with an effective wavelength of 5390 Å. The comparison star was BD $+69^{\circ}$ 180.The magnitude differences were derived in three decimals. The time was measured in seconds and has been computed in five decimals of a Heliocentric Julian Day. The time of minimum and its mean error were computed with the method of Hertzsprung, as revised and described by Kwee and Van Woerden (BAN 12, 327, 1956). The resulting epochs are:

J.D. Hel.	2438022.49446	±	.00006	m.e.
	2438089.42796	±	.00017	m.e.
	2438242.41899	±	.00020	m.e.

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