

Central Bureau for Astronomical Telegrams
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(3378) SUSANVICTORIA

D. Pray, Sugarloaf Mountain Observatory, South Deerfield, MA, U.S.A.;
P. Pravec, Ondrejov Observatory; V. Benishek, Belgrade Astronomical
Observatory; and R. Montaignut and A. Leroy, OPERA Observatory, France,
report that photometric observations obtained with a 0.50-m telescope at the
Sugarloaf Mountain Observatory, a 0.35-m telescope at the Sopot Observatory
in Serbia, and a 0.20-m telescope at the OPERA Observatory during Oct. 17-
Nov. 28 reveal that minor planet (3378) is a binary system with an orbital
period of 17.13 +/- 0.01 hr. The primary shows a period of 2.5621 +/-
0.0001 hr and has a lightcurve amplitude of 0.10 mag at solar phases 6-9
degrees, suggesting a nearly spheroidal shape. Mutual eclipse/occultation
events that are 0.06- to 0.13-magnitude deep indicate a lower limit on the
secondary-to-primary mean-diameter ratio of 0.24.

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