

The following table gives calculated dates of Maxima taken from the "Companion to the Observatory", and dates predicted by Mr. Leon Campbell, published in Harvard College Observatory, Circular 197:

CALCULATED DATES OF MAXIMA.

From the Companion to the Observatory	Dates of maxima predicted by Mr. Leon Campbell		
Mar. 1	Jan. 11	235350	R Cassiopeiæ
3	Mar. 16	181136	W Lyræ
7	Apr. 11	142539	V Boötis
12	May 1	201647	U Cygni
12	No max.	011272	S Cassiopeiæ
13	Feb. 17	123160	T Urs. Maj.
14	Mar. 16	194632	Chi Cygni
15	Mar. 22	030514	U Arietis
22	Jan. 26	230759	V Cassiopeiæ
22	July 24	090425	W Cancri
24	Jan. 31	121418	R Corvi
27	Apr. 11	153378	S Urs. Min.

JOHN J. CRANE,
Acting Secretary.

SU Persei.—On a recent visit to this Observatory, Dr. J. van der Bilt, of the University Observatory, Utrecht, Holland, stated that in the course of a series of observations on SU Persei one of the comparison stars, B. D. $+56^{\circ} 547$, had frequently shown fluctuations in brightness, and requested that a number of photographs might be placed at his disposal by means of which he could confirm this variation. In an examination of 135 plates, comparisons with two adjacent stars showed a variation amounting to nearly a magnitude. Since, however, the suspected variable is of Type K5, and gave images which were often found to be more hazy than those of the comparison stars, both of which are white stars, Miss H. S. Leavitt, of this Observatory, undertook more accurate measurements. Using 4 white and 2 red comparison stars, she measured 14 plates on which Dr. van der Bilt had found the star bright, and 14 others on which he had found it faint. The white comparison stars gave a variation between 9.9 and 10.6 (0.7 magn.), while the red stars gave the limits 9.8 and 10.4 (0.6 magn.). The variability of the star therefore seems to be established.

From measurements on 4 plates, Miss Leavitt found the mean photovisual magnitude to be 7.94, while the mean photographic magnitude was found to be 10.02. This gives a color index of 2.08 magn., in accordance with that suggested by the data given by van Maanen in "Recherches Astronomiques de l'Observatoire d'Utrecht" V, p. 41.

No details concerning the light elements have yet been derived.

Harvard College Observatory, Bulletin 625.

EDWARD C. PICKERING.

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