

COMMISSION 27 OF THE I. A. U.  
 INFORMATION BULLETIN ON VARIABLE STARS

Number 814

Konkoly Observatory  
 Budapest  
 1973 July 23

PHOTOELECTRIC OBSERVATIONS OF PLEIONE (BU TAU)  
 IN 1972-1973

During the period from August 1972 to March 1973 photoelectric UBV observations of the well-known shell variable Pleione (BU Tau) were continued at the Crimea Station of the Sternberg Astronomical Institute. Results of our observations are given in the Table.

J.D.2441	U	B	V	J.D.2441	U	B	V
548.570	4.87	5.18	5.26	599.437	4.91	5.28	5.31
550.580	4.91	5.21	5.25	605.455	4.94	5.27	5.30
558.525	4.89	5.26	5.31	629.431	4.91	5.33	5.32
569.461	4.91	5.27	5.31	665.226	4.90	5.28	5.30
571.440	4.89	5.26	5.30	685.362	4.92	5.28	5.31
578.587	4.92	5.30	5.33	719.183	4.91	5.28	5.34
596.443	4.89	5.27	5.32	730.316	4.94	5.29	5.33
597.588	4.93	5.28	5.31	749.307	4.95	5.30	5.33
598.599	4.91	5.25	5.30	770.217	4.94	5.30	5.32

The UBV light curves of the star from October 1971 (A.S. Sharov, V.M. Lyutiy, IBVS 698 and Variable Stars 18, 377, 1972) to March 1973 are shown in the Figure. Last months the star was in the minimum of brightness that is connected with a new shell episode.

Sternberg Astronomical Institute, Moscow

V.M. LYUTIY  
 A.S. SHAROV

