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A PHOTOELECTRIC STUDY OF BETA PEGASI

Photoelectric V observations were made in 29 nights from June to February 1968/69 as tabulated subsequently. In October a minimum was registered lying remarkably outside the photoelectric V range as given in the remarks to the 1969 edition of the General Catalogue of Variable Stars (2.42 - 2.56, page 579).

Due to the smallness of the instrument (4 1/2 inch refractor) the probable error is relatively large, near 0.03 magnitude. The comparison star was Eta Pegasi, V = 2.95.

Date	V	Weight	Date	V	Weight
1968			1968		
June 3.07	2.43	5	Sep. 1.88	2.50	4
6.07	2.35	3	5.90	2.56	3
12.07	2.40	5	7.99	2.70	4
14.05	2.31	6	10.94	2.63	5
18.06	2.39	6	Oct. 3.93	2.67	4
23.04	2.37	5	8.03	2.74	4
26.07	2.34	6	20.79	2.50	4
30.06	2.37	5	24.75	2.63	3
July 9.08	2.38	3	Nov. 20.98	2.41	4
29.04	2.38	6	Dec. 15.73	2.50	4
30.89	2.45	4	29.86	2.43	3
Aug. 16.87	2.56	3	1969		
19.96	2.56	5	Jan. 15.81	2.46	4
21.95	2.47	4	Feb. 3.78	2.46	3
23.91	2.51	4			
26.86	2.56	4			

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