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3 C 446

During the month of October, 1966, a photographic patrol of the quasi stellar object 3 C 446 was initiated at the Bethany Observing Station of Yale University Observatory using the 40" telescope. Eye estimates of eleven plates, exposed on K 103aO emulsion, revealed that significant, short period, optical variations occurred over an interval of nineteen days. Between October 11 and October 19, 3 C 446 decreased in brightness by at least 0,5 magnitudes, with the majority of the change occurring in the three day interval between October 16 and October 19. Thereafter, the object was observed to brighten again so that by October 30 it had reestablished, roughly, its magnitude of 16 October.

3 November 1966

J. H. HUNTER Jr.

A. J. WESSELINK

Yale University Observatory
New Haven, Connecticut