

COORDINATED OBSERVATIONS OF STELLAR WIND VARIABILITY

On September 8-10, 1978, astronomers on both sides of the Atlantic used IUE in a cooperative program to monitor two supergiant OB stars, α Cam and κ Cas, for variations in their stellar winds. These stars were chosen for their known tendencies to have variations, and were observed from GSFC by Dr. Theodore P. Snow, Jr., of the University of Colorado, and from Madrid by Drs. H. Lamers of Utrecht and F. Machetto of ESA. Other astronomers at observatories in the U.S., Europe, and Asia obtained polarimetry and spectroscopic data in visible wavelengths at the same time. It is hoped that studies of this type, featuring broad wavelength coverage, will provide new information on the structure and stability of stellar winds.

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