

# SCIENCE

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FRIDAY, MAY 18, 1900.

THE APPROACHING TOTAL ECLIPSE OF THE SUN.

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MSS. intended for publication and books, etc., intended for review should be sent to the responsible editor, Professor, J. McKeen Cattell, Garrison-on-Hudson, N. Y.

THE plans of some of the principal parties from American observatories for the observation of the total solar eclipse occurring on the morning of May 28th are as follows:

The arrangements by the United States Naval Observatory have been made under the direction of Professor S. J. Brown, the Astronomical Director, and contemplate the occupation of three stations, two on the central line, and one near the northern limit of totality.

The first station on the central line is under the immediate supervision of Professor A. N. Skinner, and is located at Pinehurst, N. C. The party will comprise, in addition to the five members of the Observatory staff, associate members engaged in spectroscopic and other researches. These include Professor Ames of the Johns Hopkins University, and Doctors Dorsey, Huff and Reese, and other assistants from the physical laboratory of the University. In the photographic work Dr. F. L. Chase, of Yale University, and Mr. A. L. Colton, of the University of Michigan, will take an important part. The work at the station will comprise the establishment of the latitude and longitude, visual and telescopic observations and drawings of the corona; photographs of the corona with the 40-foot photoheliograph lens, the 7 $\frac{3}{4}$ -inch visual lens belonging to the Naval Academy equa-