

THE DREXEL AEROLOGICAL STATION.

The Drexel farm buildings and an adjoining 40-acre tract of high, level land have been leased, November 1, 1914, for the purpose of installing the equipment necessary for more permanent aerological work than has heretofore been attempted in the Middle West. The Drexel farm is about 20 miles west of Fort Omaha, Nebr. Mail reaches the aerological station established there through the post office at Washington, Nebr.

The installation being made on the Drexel farm is for the purpose of kite flying and the related surface observations such as have previously been made at Mount Weather. We have the use of the large electrolytic hydrogen plant at Fort Omaha, near Omaha, Nebr., and it is planned to supplement the lower kite observations

with occasional series of free balloon ascensions from the fort.

As soon as the equipment can be got ready, two or three other aerological stations in the Middle West will be started. These stations will be supplied with hydrogen for free balloon work from the central Drexel-Fort Omaha station and will cooperate with the latter in obtaining data. The value of these data is not expected to be found so much in their current use, though many of the observations are individually useful, as in the light thrown by them on the whole subject of dynamic meteorology. Data are therefore obtained and grouped in such a way as to most illuminate the problems under consideration. Such use of the data governs so far as is practicable the place and time of observation.—[W. R. B.]