

Inquiries as to these maps should be addressed to Secretary Am. Metl. Soc., Weather Bureau, Washington, D. C. No definite price can be advertised, as the cost would depend on the number which may be wanted and on whether or not this would necessitate the printing of a new edition. The cost per map would probably not exceed 25 cents.

TWO NEW BASE MAPS OF THE UNITED STATES.

An outline base map of the United States on the Lambert Zenithal equal area projection, scale 1-7,500,000, dimensions $19\frac{3}{4}$ inches by $25\frac{3}{4}$ inches, price 15 cents, has just been issued by the Coast and Geodetic Survey.

The map covers the whole of the United States, including the northern part of Mexico. Only state names and boundaries, principal rivers, capitals, and largest cities are shown, the chief object being to furnish a base map for political census, or statistical purposes on a projection in which the property of equivalence of area is one of the essential features. It is the first publication of a projection of this type by the Coast and Geodetic Survey. * * *

An outline base map of the United States on the Lambert Conformal Conic projection, scale, 1-5,000,000 dimensions, 25 by 39 inches, price 25 cents, has also been issued by the Coast and Geodetic Survey. This map is similar to the one on the Zenithal Equal Area projection in general treatment. It is larger in scale, however, but embraces a lesser extent of latitude, being limited to the area of the United States, whereas the zenithal equal area map includes the greater portions of Mexico. * * * *—*Science*, Feb. 27, 1920, pp. 213-214.

PROJECTION OF THE WORLD.

A projection of the whole sphere on the equivalent, or equal-area system, devised by Aitoff, has been issued by the U. S. Coast and Geodetic Survey. The sphere is represented within an ellipse with major axis twice the minor axis. The network is obtained by the orthogonal, or perpendicular projection of a Lambert meridional equal-area hemisphere upon a plane making an angle of 60° to the plane of the original. As used for the map of the world, this projection is well adapted to replace the Mercator projection in atlases of physical geography or for statistical purposes, and has the advantage over Mollweide's in that its representation of the shape of countries far east and west of the central meridian is not so distorted, because meridians and parallels are not so oblique to one another.—*Jour. Wash. Acad. Sci.*, Sept. 19, 1920, Vol. 10, p. 449.

FELLOWSHIP IN METEOROLOGY.

The American Scandinavian Foundation has awarded a Fellowship in Meteorology and Oceanography¹ to Miss Anne Louise Beck, of Berkeley, California. The fellowship yields \$1,000, and though granted for one year only, may be reawarded for a second year.

Miss Beck will go abroad in September. She will spend the year at Bergen Museum, Norway, studying meteorology and climatology under Professor Bjerknes, and oceanography under Professor Bjorn Holland-Hansen.

Miss Beck, though a native of California, is of Danish descent. She was graduated from the University of California in 1918, and, with the exception of her thesis, has completed all the graduate work required for the Master of Arts degree. During the summer of 1919 she served as an assistant in the San Francisco office of the Weather Bureau. During the past school year she taught mathematics in the Union High School at Lodi, California. Though it is unusual for a woman, Miss Beck has specialized in meteorology, climatology, astronomy, navigation and mathematics, and has a brilliant university record to her credit.

¹ See this BULLETIN, Feb. 1920, p. 18.