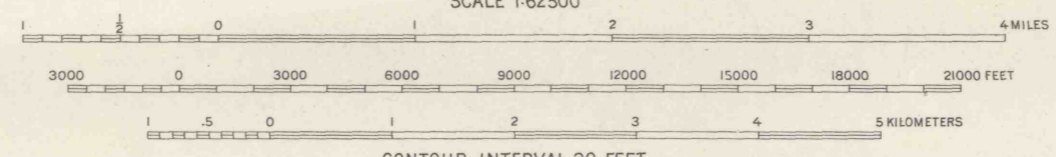
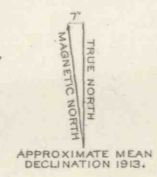




ENGRAVED DEC. 1914 BY U.S.G.S.

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D.C. 1914

R.B. Marshall, Chief Geographer.  
Frank Sutton, Geographer in charge.  
Topography by Hersey Munroe, R.C. McKinney, Olinus Smith,  
and Second Geological Survey of Pennsylvania.  
Control by Coast and Geodetic Survey, S.S. Gannett,  
and K.F. Maxcy.  
Surveyed in 1913.



CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

READING, PA.  
N4015-W7545/15

1913

Map of Birdsboro quadrangle, scale 1:24,000, from a later (1947) and more detailed survey of the southeast quarter of this area, is available