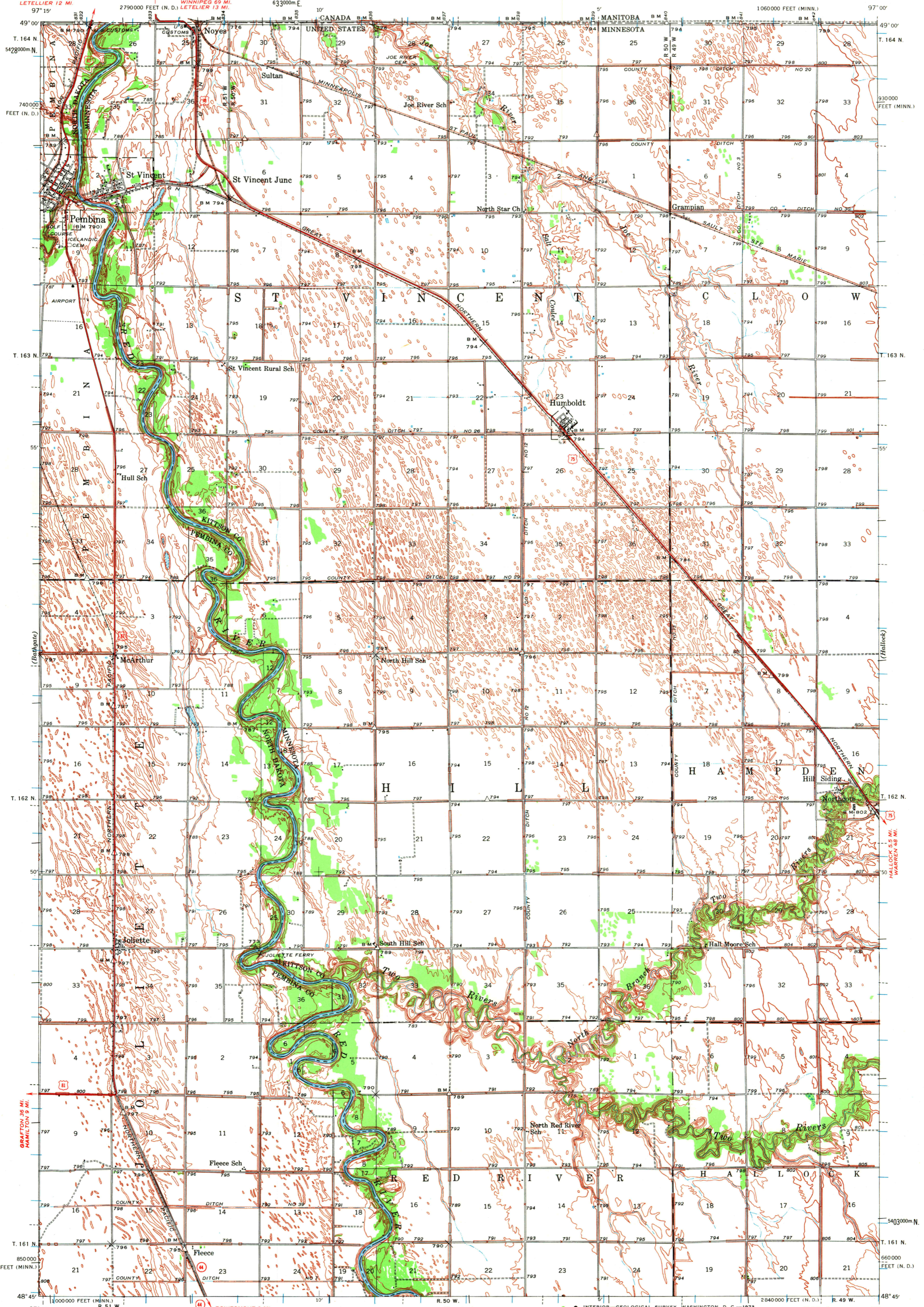


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MINNESOTA-NORTH DAKOTA  
PEMBINA QUADRANGLE  
15-MINUTE SERIES



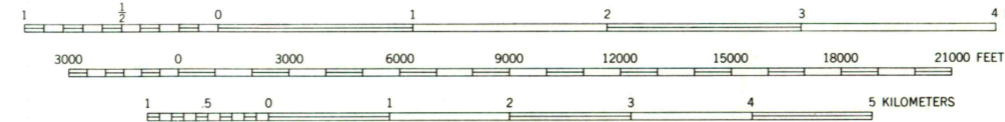
Topography by H. E. Simmons, H. W. Toy,  
R. C. Hass, and H. F. Johnson  
Surveyed in 1938-39

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1939

SCALE 1:62500

Polyconic projection. 1927 North American datum  
10,000-foot grids based on Minnesota (North) and  
North Dakota (North) rectangular coordinate systems  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue

ROAD CLASSIFICATION  
Heavy-duty — Light-duty  
Medium-duty — Unimproved dirt  
U.S. Route — State Route



CONTOUR INTERVAL 5 FEET  
DATUM IS MEAN SEA LEVEL

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242  
AND BY STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division

PEMBINA, MINN.-N. DAK.  
N4845-W9700/15  
1939

SEP 20 1973