

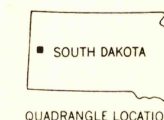
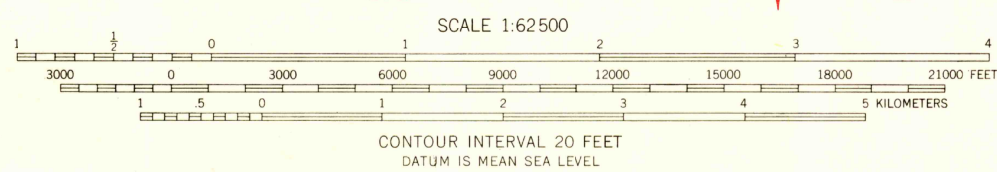
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

VALE QUADRANGLE  
SOUTH DAKOTA  
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin Control by USGS and USC&GS  
Compiled in 1959 from 1:24 000-scale maps of Vale NE, Newell, Vale, and Vale SE 7.5 minute quadrangles surveyed 1951  
Culture and drainage in part compiled from aerial photographs taken 1948. Topography by planetable surveys  
Polyconic projection. 1927 North American datum 10,000-foot grid based on South Dakota coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN DECLINATION, 1951



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

This area also covered by 1:24 000-scale maps of Vale NE, Newell, Vale, and Vale SE 7.5 minute quadrangles, surveyed 1951

VALE, S. DAK.  
N 4430 — W 10315/15