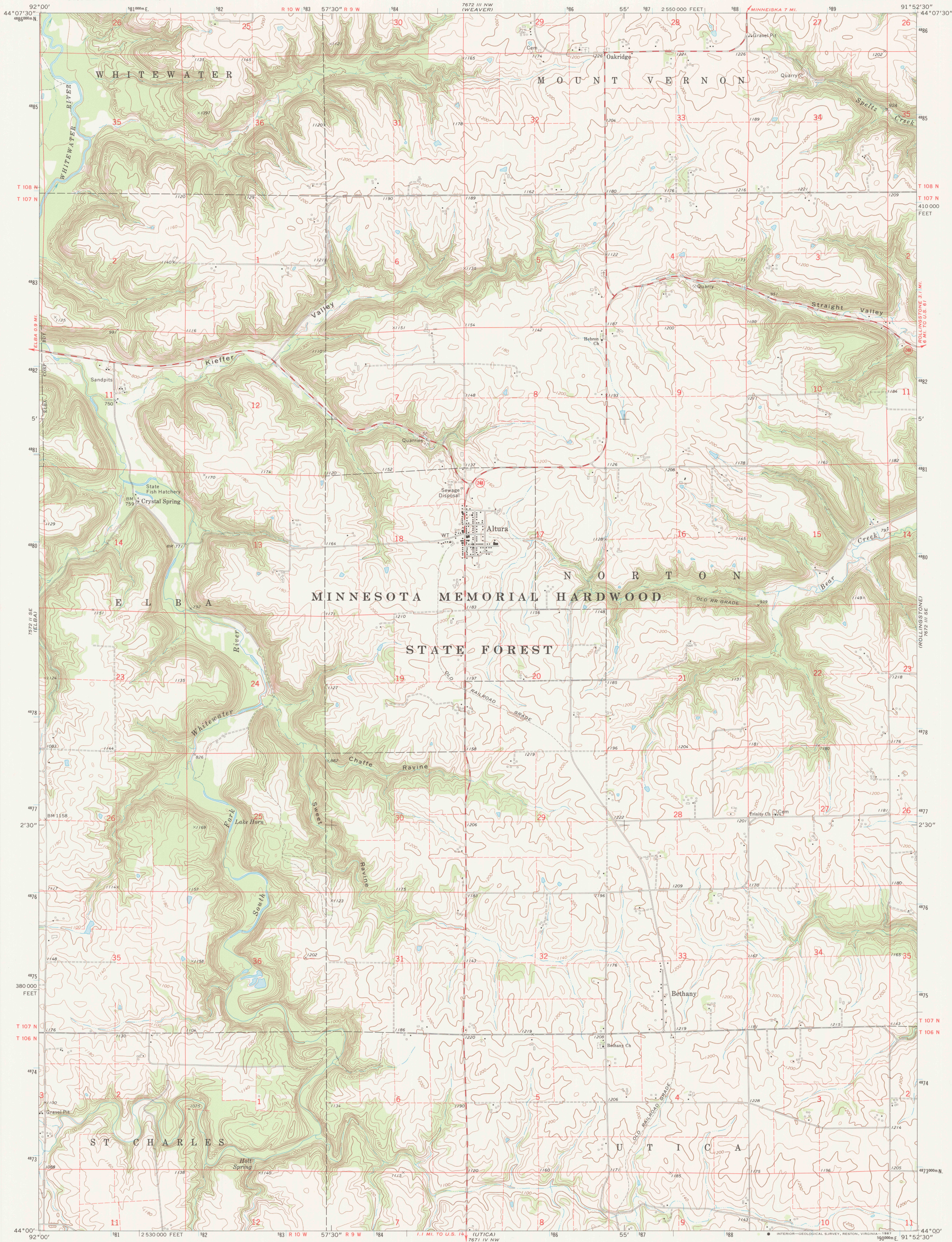


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALTURA QUADRANGLE
MINNESOTA-WINONA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW 1/4 COCHRANE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

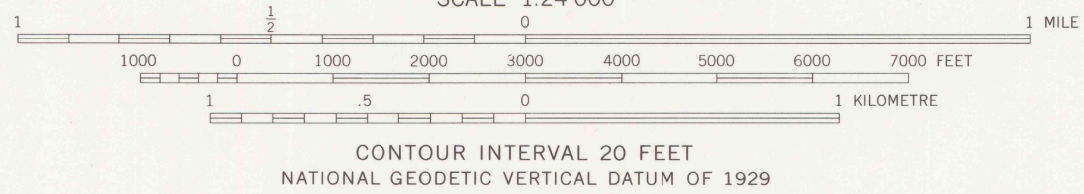
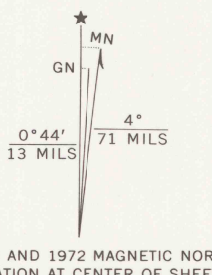
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1972

Projection and 10,000-foot grid ticks: Minnesota coordinate system, south zone (Lambert conformal conic)
1000-metre Universal Transverse Mercator grid ticks, zone 15, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs
This information is unchecked

To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 14 meters east as shown by dashed corner ticks



ROAD CLASSIFICATION	
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route



ALTURA, MINN.
SW 1/4 COCHRANE 15' QUADRANGLE
44091-A8-TF-024

1972

DMA 7672 III SW-SERIES V872

