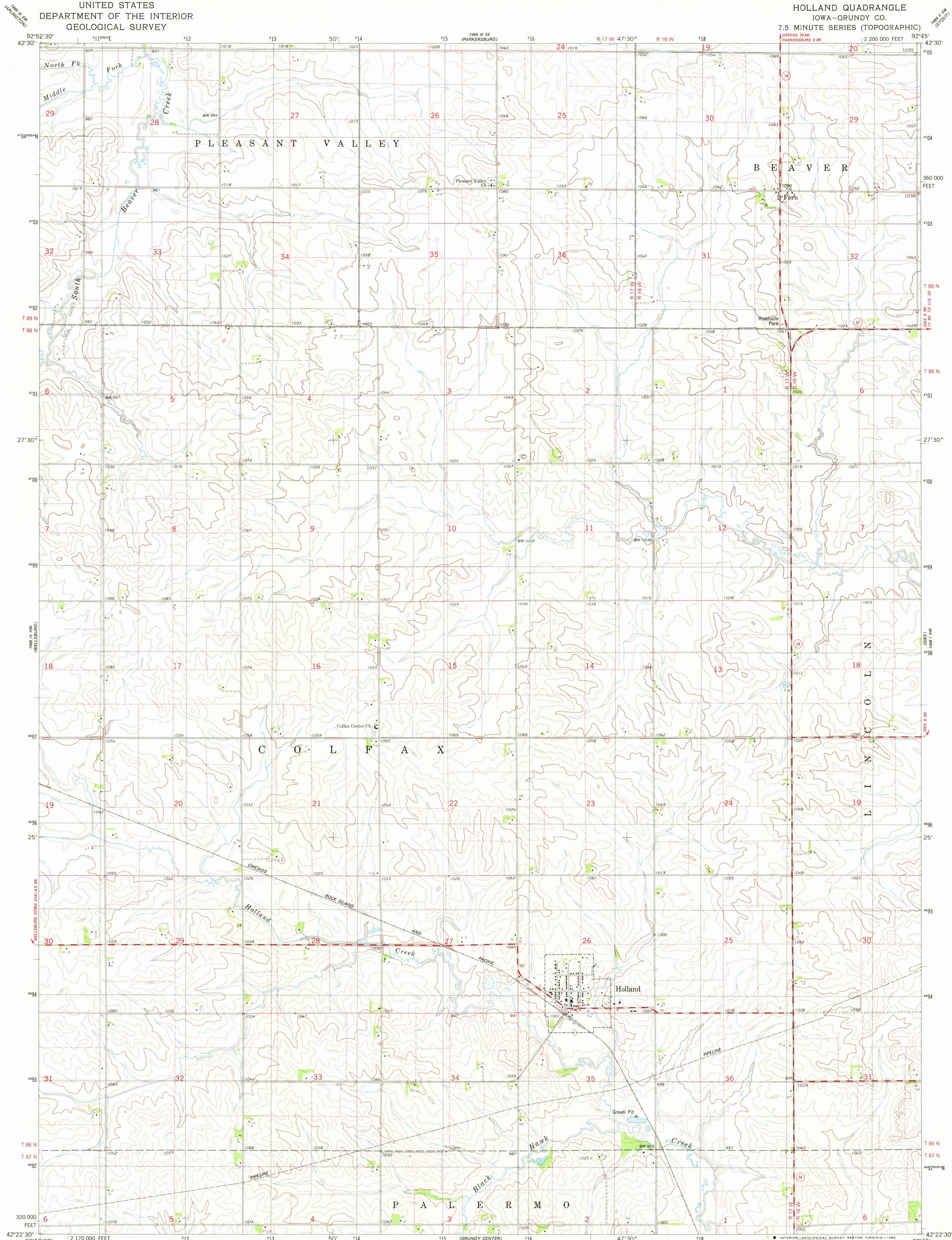


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOLLAND QUADRANGLE
IOWA-GRUNDY CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

2 200 000 FEET



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs

taken 1973. Field checked 1974. Map edited 1979

Projection and 10,000-foot grid ticks: Iowa coordinate

system, north zone (Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 15

1927 North American datum

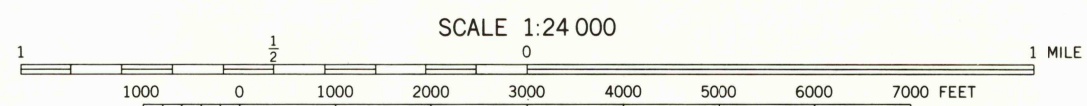
To place on the predicted North American Datum 1983

move the projection lines 4 meters north and

16 meters east as shown by dashed corner ticks

Fine dashed lines indicate selected fence and field lines where

generally visible on aerial photographs. This information is unchecked



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

- 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

USGS
Historical File
Topographic Division

HOLLAND, IOWA
N4222.5-W9245.7.5

1979

DMA 7468 IV NE-SERIES V876

APR 18 1980

1350