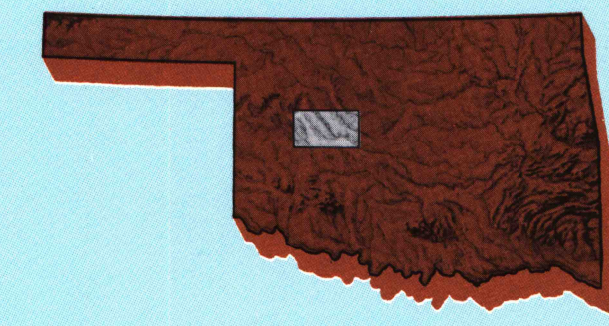


# Watonga

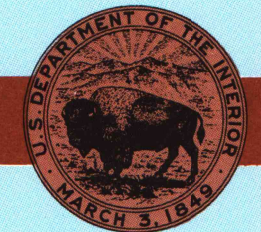
## OKLAHOMA

1:100 000-scale  
planimetric map



30 X 60 MINUTE QUADRANGLE  
SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey  
Compiled from USGS 1:50 000 and 1:62 500-scale  
topographic maps dated 1962-1983. Planimetry revised  
from aerial photographs taken 1981 and other source data.  
Revised information not field checked.  
Map edited 1985.

Projection and 10 000-meter grid, zone 14  
Universal Transverse Mercator  
25 000-foot grid ticks based on Oklahoma coordinate  
system, north and south zones. 1927 North American Datum  
To place on the predicted North American Datum 1983 move  
the projection line 2 meters south and 31 meters east.  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Foot
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet  
multiply by 3.2808

To convert feet to meters  
multiply by 0.3048

DECLINATION DIAGRAM

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Woodward  
2 Fairview  
3 East  
4 Free Reserve  
5 Oklahoma  
6 City North  
7 City  
8 Woodward  
9 Oklahoma  
10 City South

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

### Topographic Map Symbols

- Primary highway, hard surface

Secondary highway, hard surface

Light duty road, principal street, hard or improved surface

Other road or street, trail

Route marker: Interstate, U. S. State

Railroad: standard gauge; narrow gauge

Bridge: overpass; underpass

Tunnel: road; railroad

Built up area; locality; elevation

Airport: landing field; landing strip

National boundary

State boundary

County boundary

National or State reservation boundary

Land grant boundary

U. S. public lands survey: range, township, section

Range, township, section line: protected

Power transmission line, pipeline

Dam; dam with lock

Cemetery: building

Windmill; water well; spring

Mine shaft; rest or quarry; mine, quarry; gravel pit

Compressed; plastic area; U. S. location monument

Rail; off dwelling

Distorted surface: strip mine, lava; sand

Contours: index; intermediate; supplementary

Bathymetric contours: index; intermediate

Stream, lake, perennial; intermittent

Rapids, large and small; falls, large and small

Area to be submerged; marsh, swamp

Land subject to controlled inundation; woodland

Scrub; mangrove

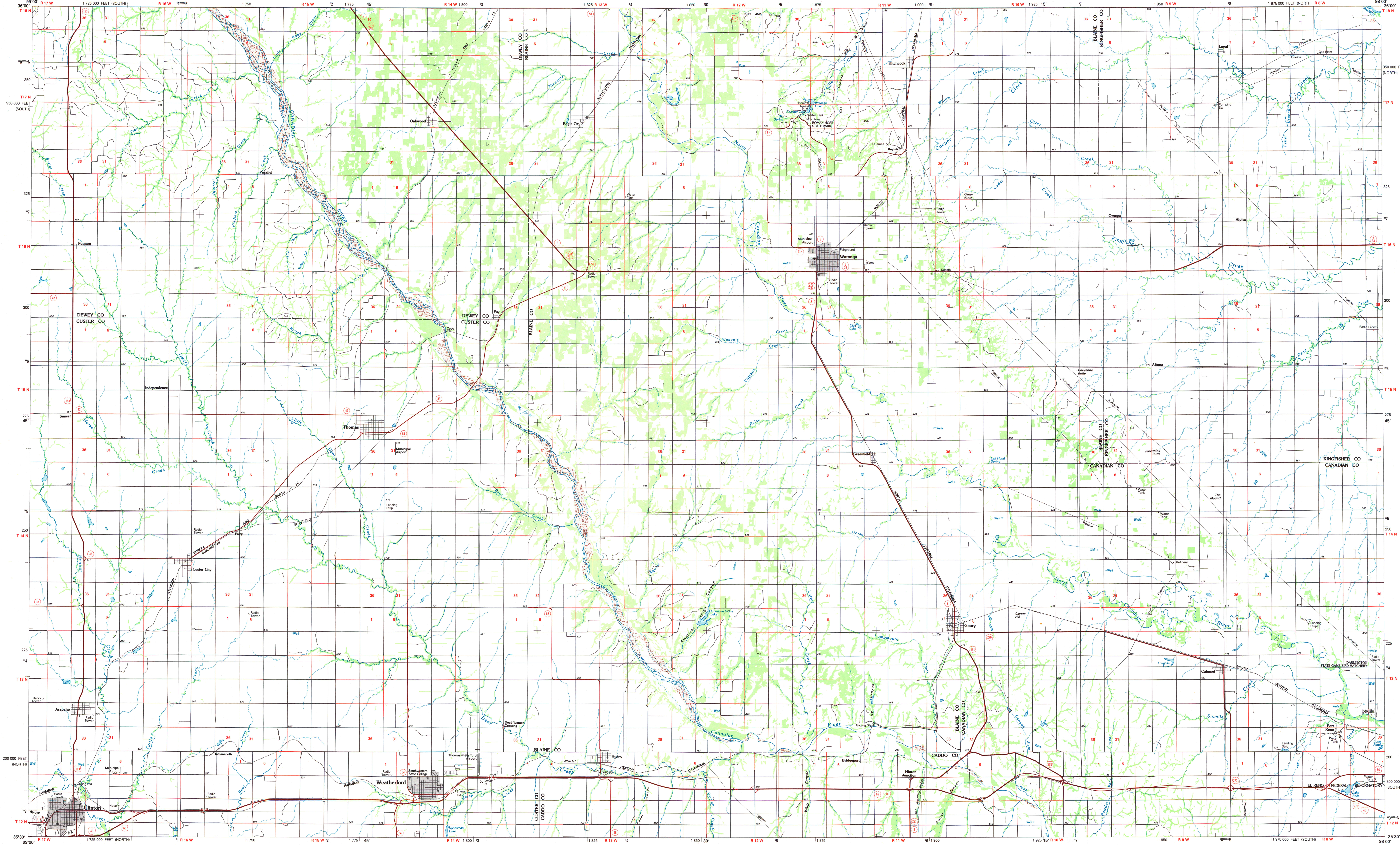
Orchard; vineyard
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### WATONGA, OKLAHOMA

30 X 60 MINUTE SERIES (PLANIMETRIC)



SCALE 1:100 000

WATONGA, OKLAHOMA

35098-E1-PL-100