

TEXAS BOARD OF WATER ENGINEERS

R. M. Dixon, Chairman
H. A. Beckwith, Member
O. F. Dent, Member

BULLETIN 5607

WATER-LEVEL DECLINE MAPS OF 17 COUNTIES IN THE
SOUTHERN HIGH PLAINS, TEXAS

JANUARY 1955 TO JANUARY 1956

Compiled by

C. R. Follett, Engineer
Texas Board of Water Engineers

Prepared in cooperation with the Geological Survey
United States Department of the Interior

April 1956

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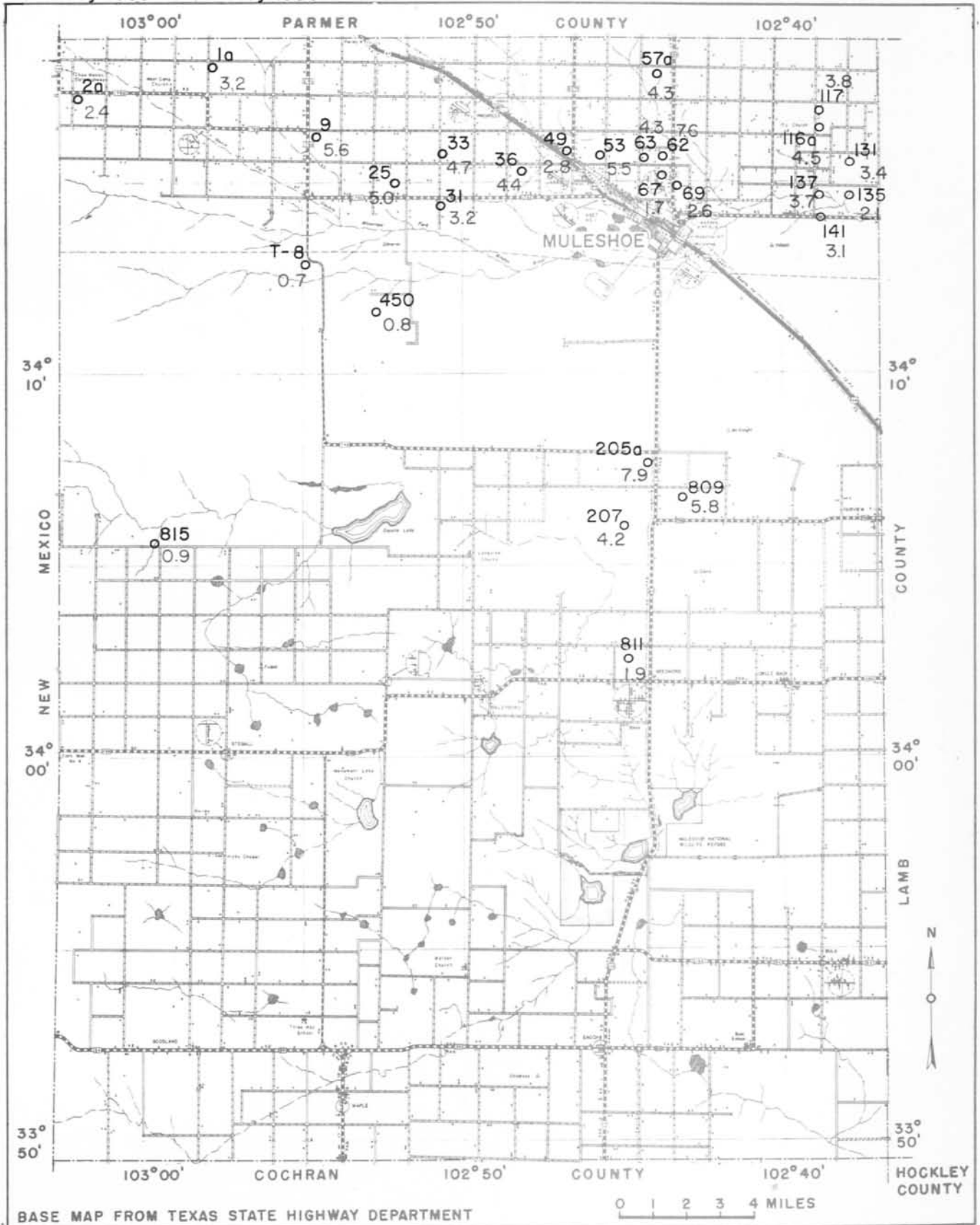
The Texas Board of Water Engineers is charged with making independently, or in cooperation with other state and federal agencies, scientific investigations of the source, amount and quality of ground-water supplies. This compilation is based on water-level data obtained as part of a state-wide observation well program which is financed cooperatively by the Texas Board of Water Engineers and the United States Geological Survey.

Compiled herein are water-level decline maps showing fluctuations in the water table in the Southern High Plains of Texas. The 17 county maps show changes in water levels between January 1955 and January 1956. The depth of water levels in the wells are permanently recorded in the offices of the Texas Board of Water Engineers and the Geological Survey and are published periodically in water-level reports. Pending their publication, they may be consulted in the open files of the above offices.

BAILEY COUNTY, TEXAS DECLINE OF WATER LEVELS

January 1955 to January 1956

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BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

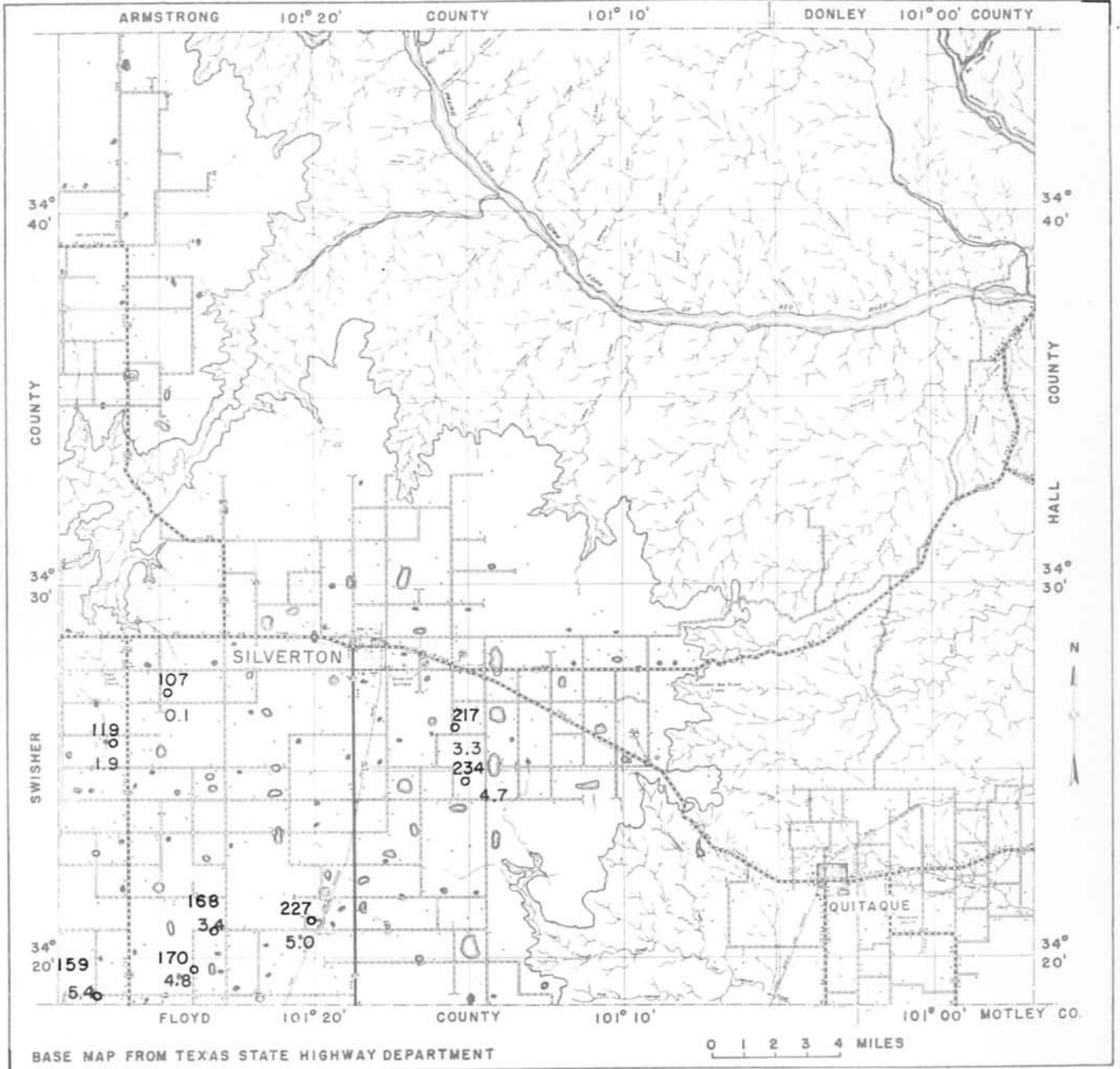
0 1 2 3 4 MILES

o Observation well
Decline of water levels, in feet, shown in red

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BRISCOE COUNTY, TEXAS
DECLINE OF WATER LEVELS
 January 1955 to January 1956

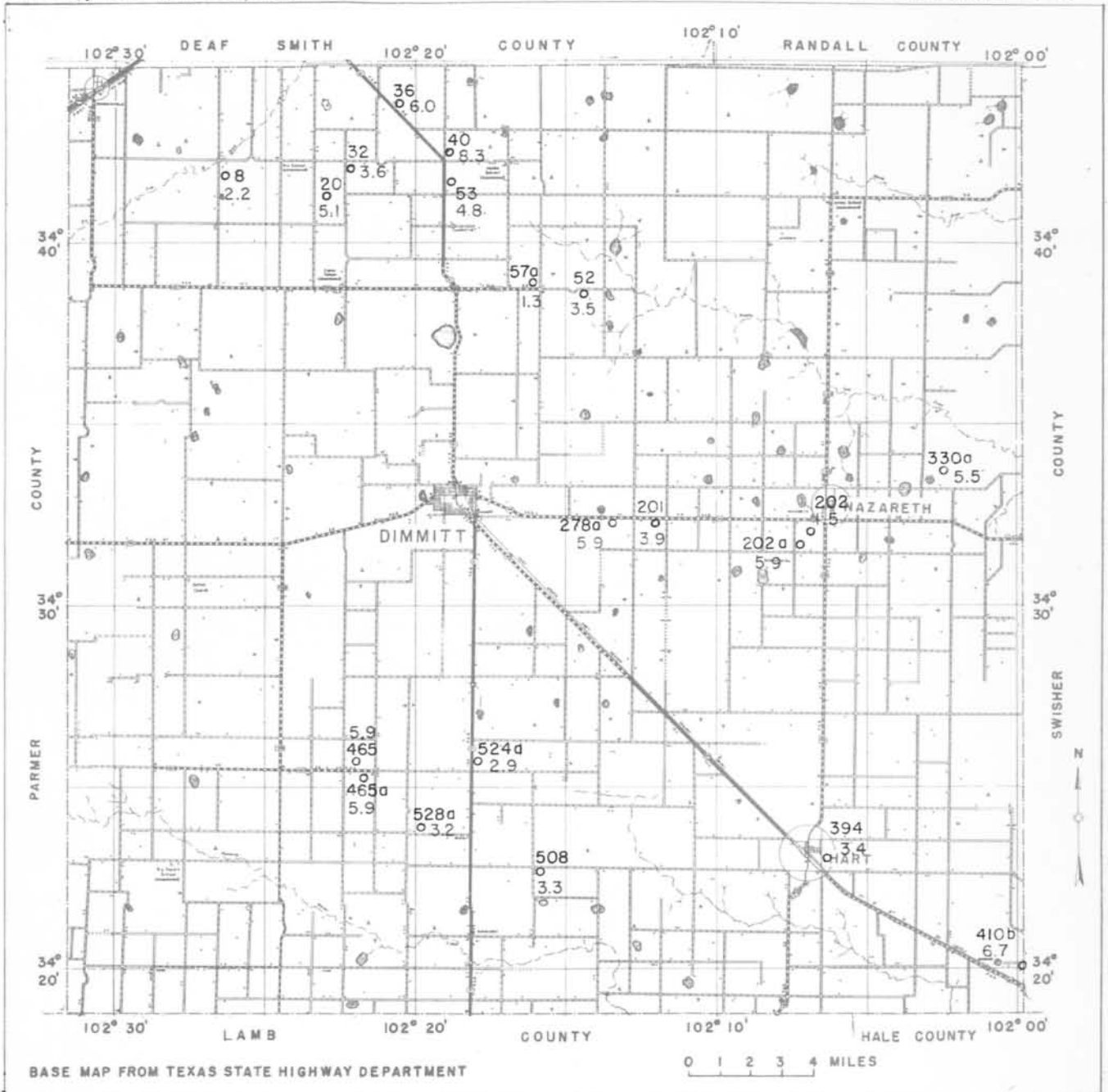
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o Observation well
 Decline of water levels, in feet, shown in red

GASTRO COUNTY, TEXAS
DECLINE OF WATER LEVELS
 January 1955 to January 1956

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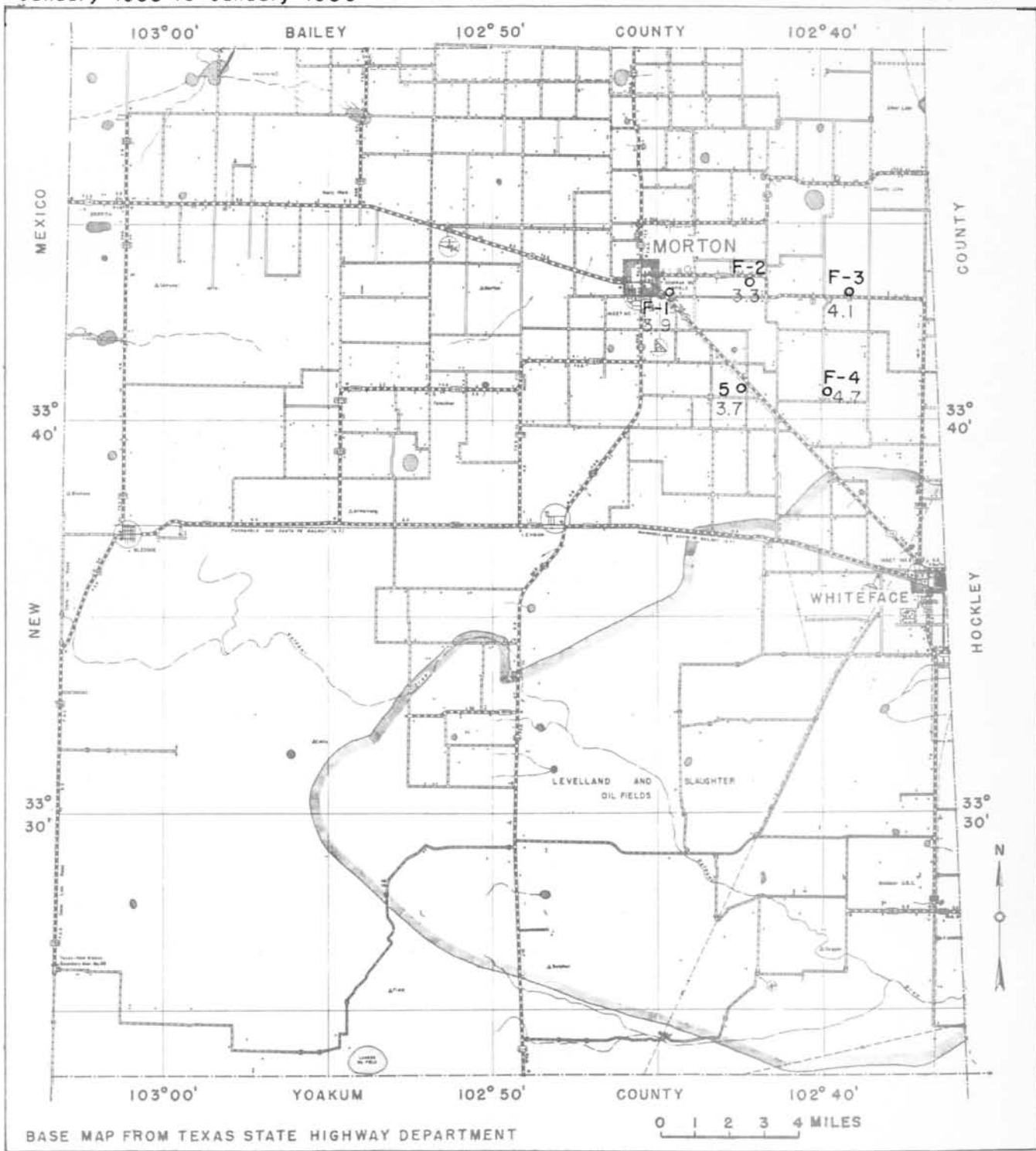
BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

o Observation well
 Decline of water levels, in feet, shown in red

COCHRAN COUNTY, TEXAS DECLINE OF WATER LEVELS

January 1955 to January 1956

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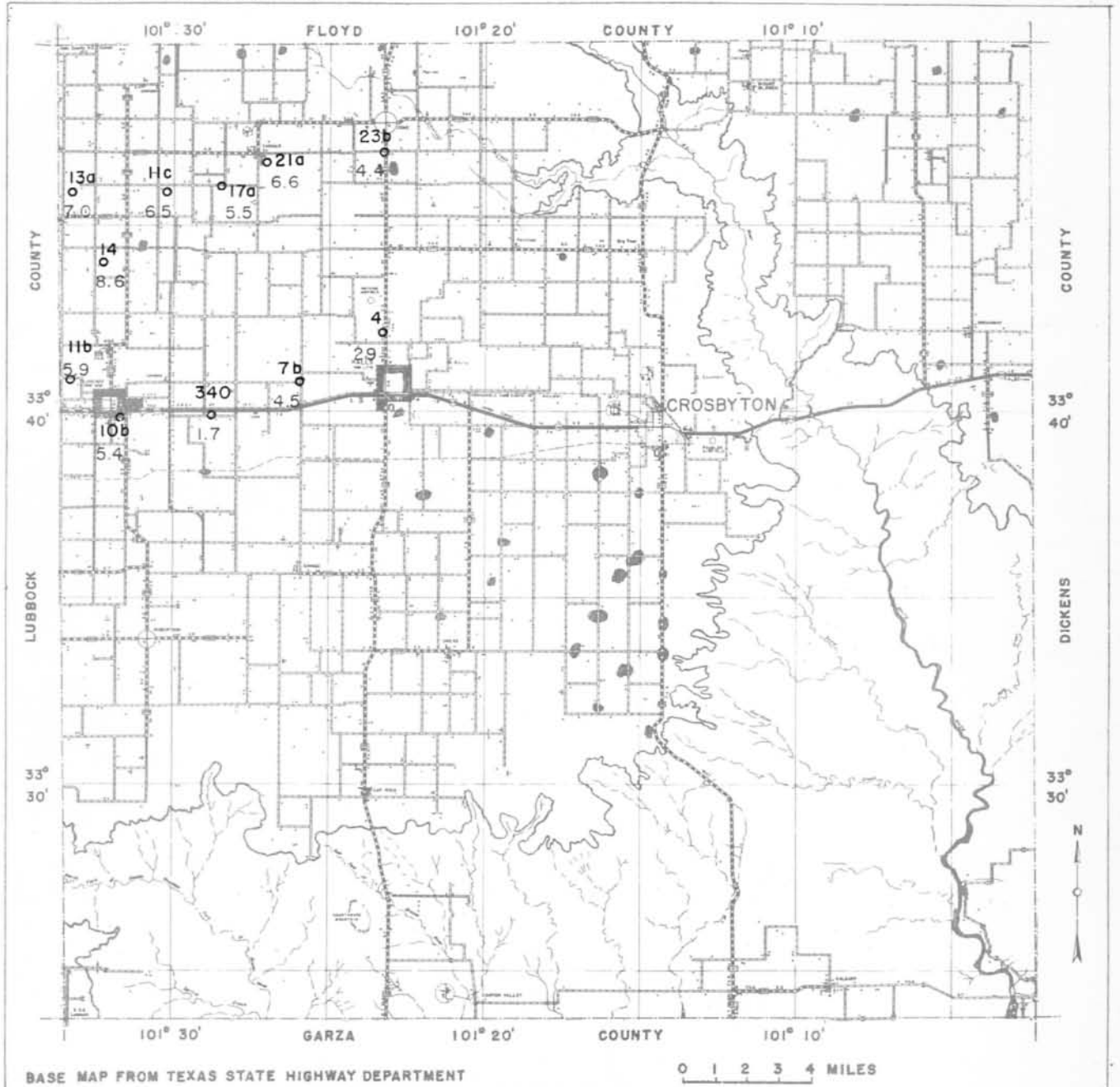


o Observation well

Decline of water levels, in feet, shown in red

CROSBY COUNTY, TEXAS
DECLINE OF WATER LEVELS
 January 1955 to January 1956

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BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

0 1 2 3 4 MILES

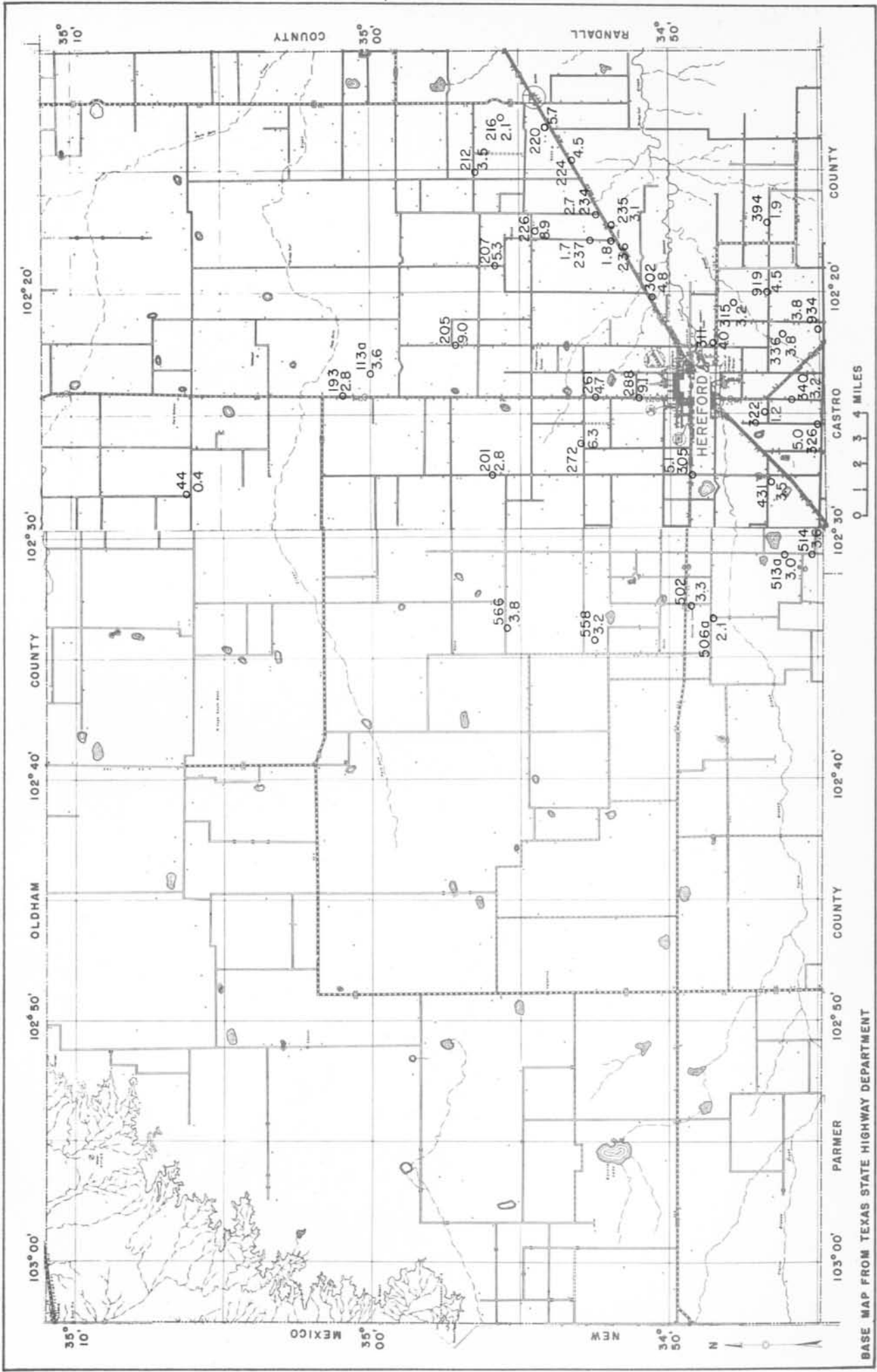
o Observation well

Decline of water levels, in feet, shown in red

WSS

DEAF SMITH COUNTY, TEXAS
DECLINE OF WATER LEVELS
 January 1955 to January 1956

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BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

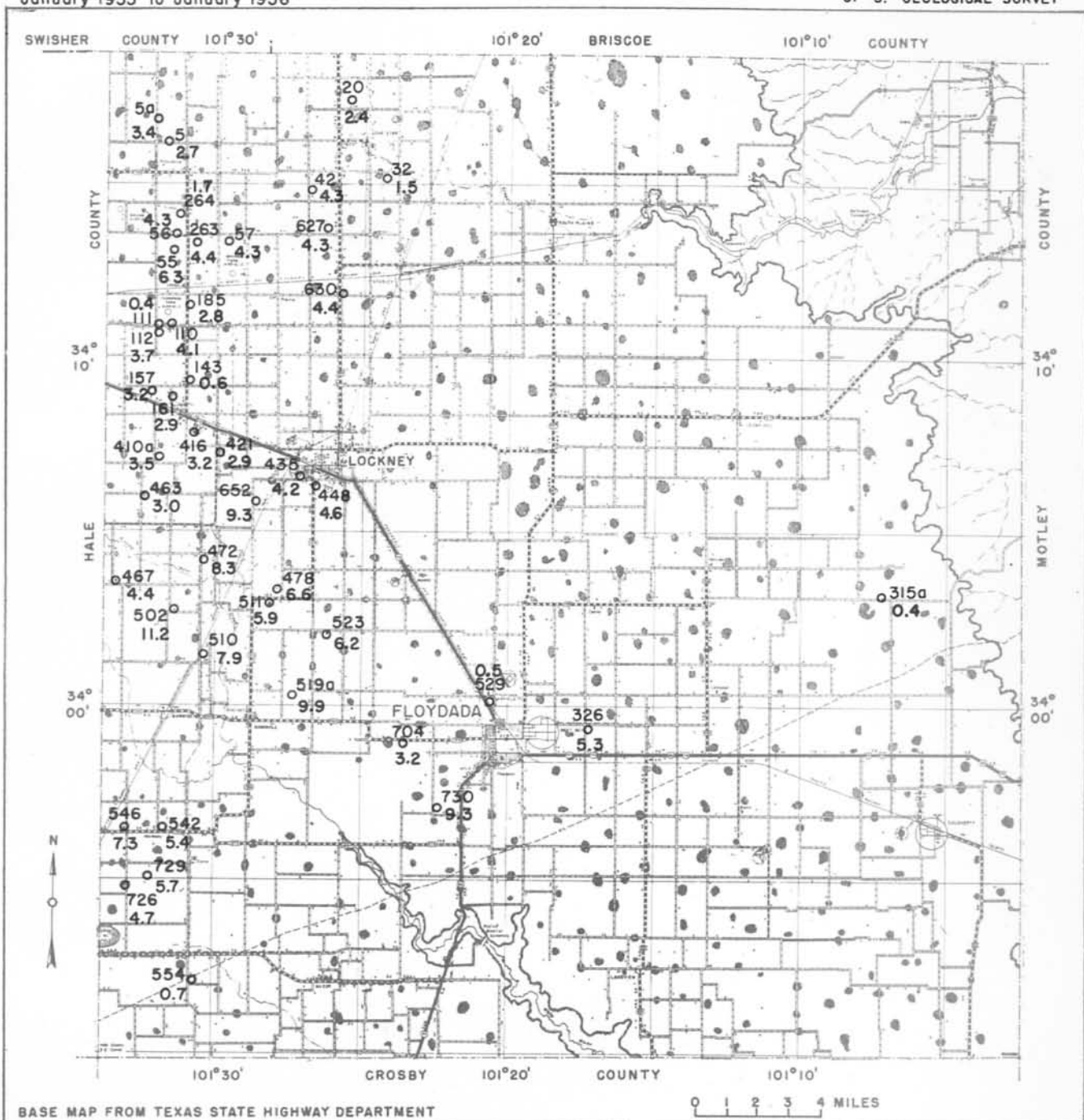
o Observation well

Decline of water levels. In feet, shown in red

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FLOYD COUNTY, TEXAS
DECLINE OF WATER LEVELS
 January 1955 to January 1956

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BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

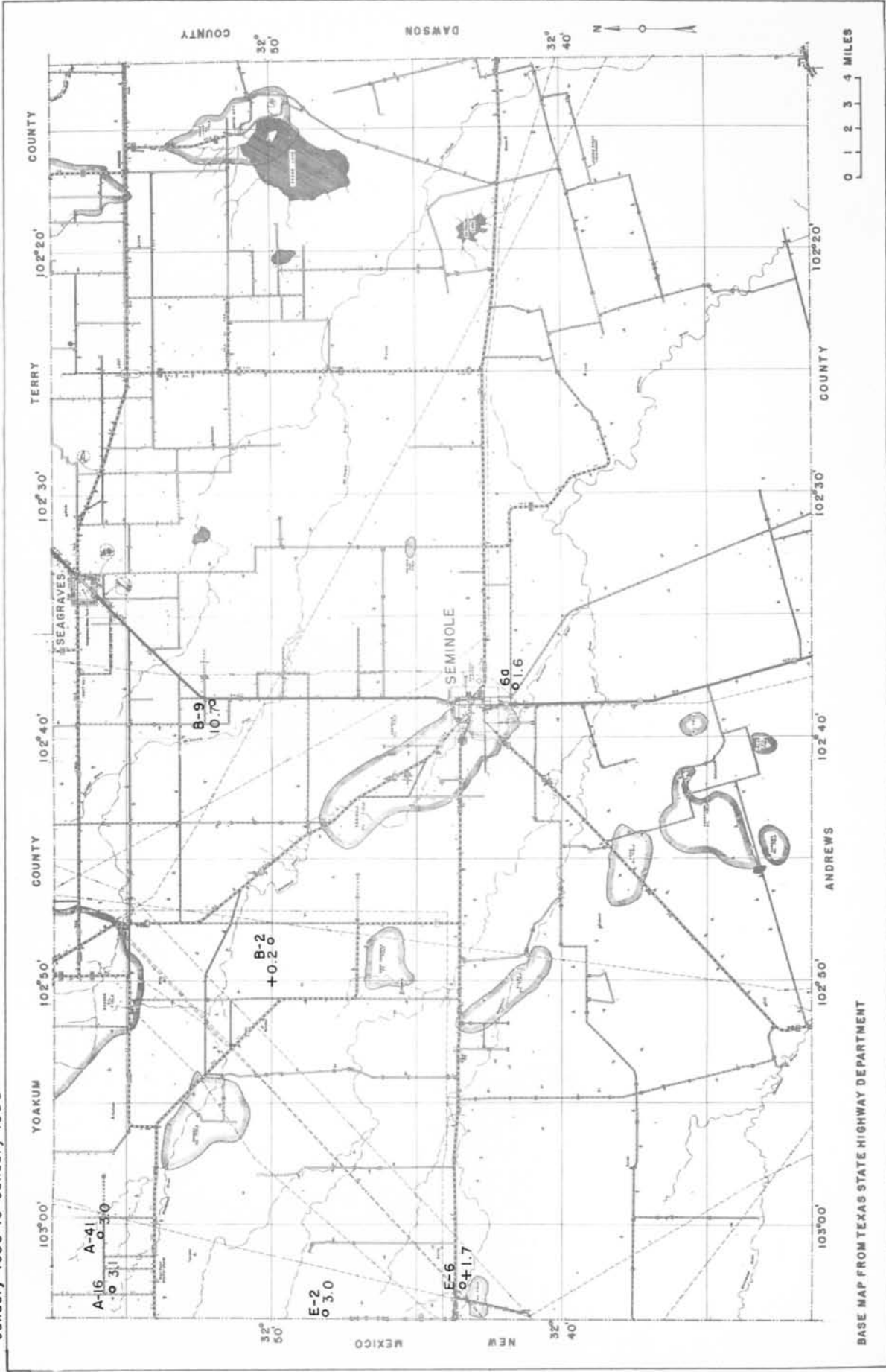
0 1 2 3 4 MILES

○ Observation well
 Decline of water levels, in feet, shown in red

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GAINES COUNTY, TEXAS
FLUCTUATION OF WATER LEVELS
 January 1955 to January 1956

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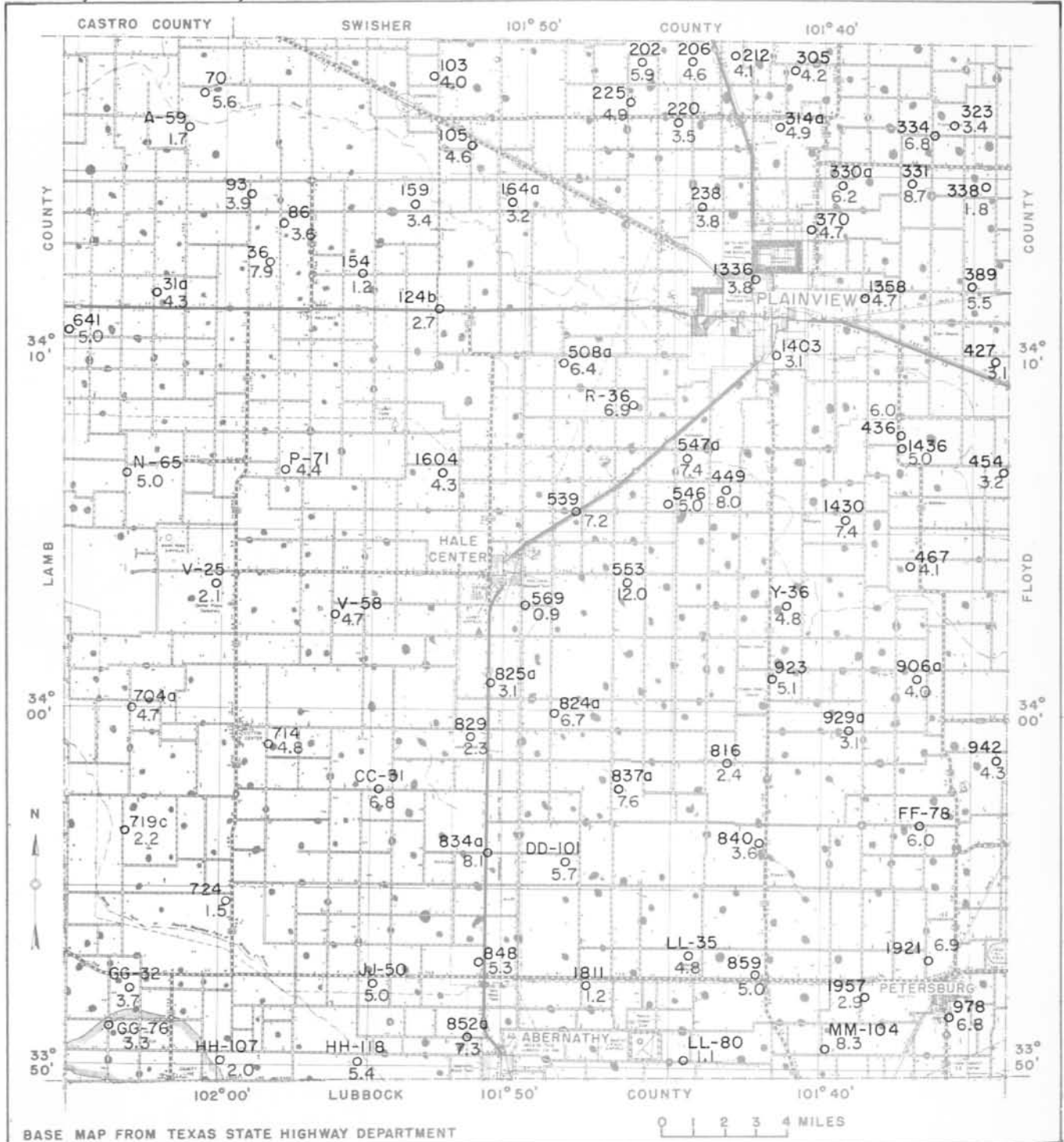
BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

- o Observation well
- Decline of water levels, in feet, shown in red
- Rise of water levels, in feet, shown in blue

WSS

HALE COUNTY, TEXAS
DECLINE OF WATER LEVELS
January 1955 to January 1956

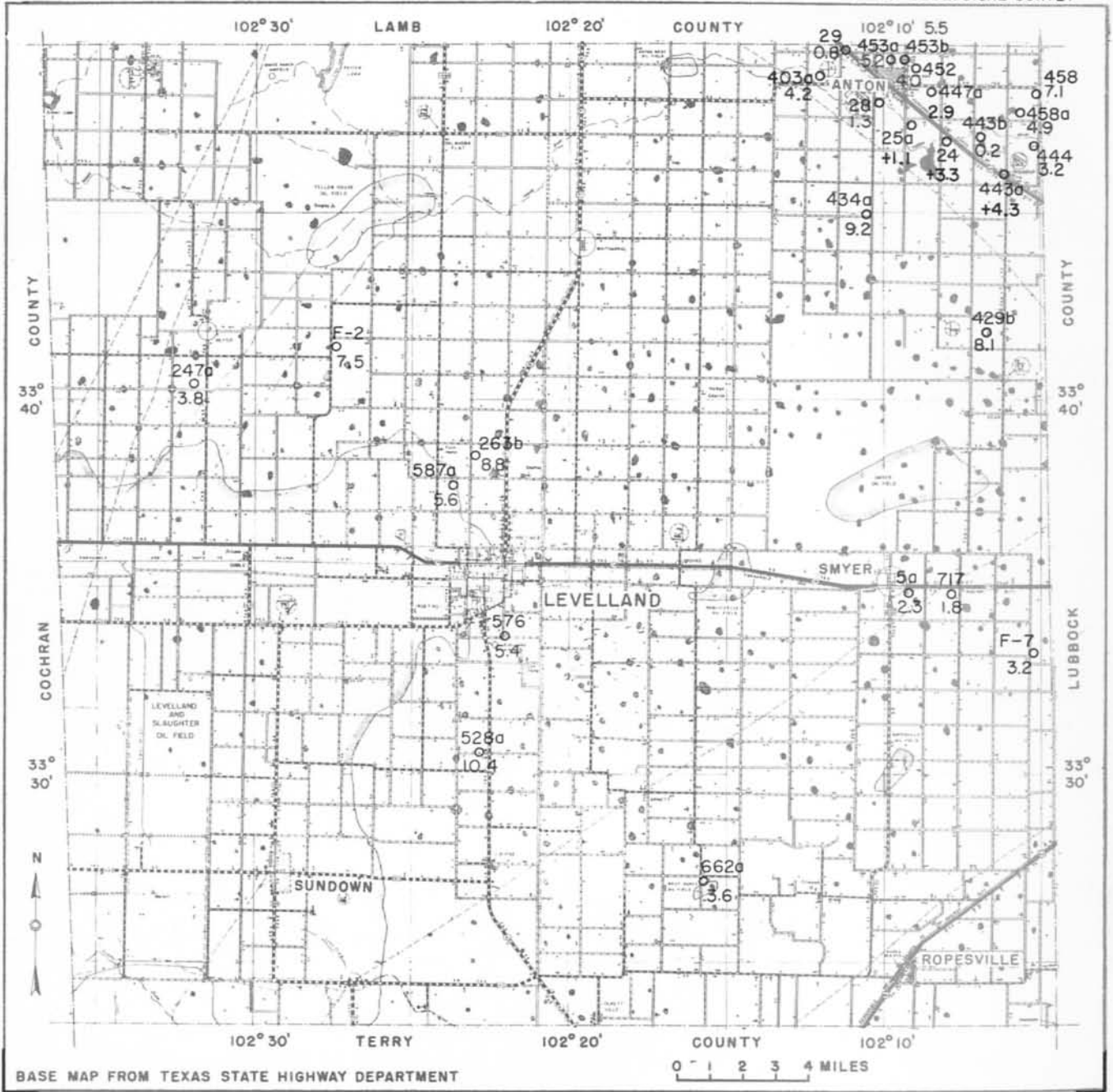
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○ Observation well
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HOCKLEY COUNTY, TEXAS
 FLUCTUATION OF WATER LEVELS
 January 1955 to January 1956

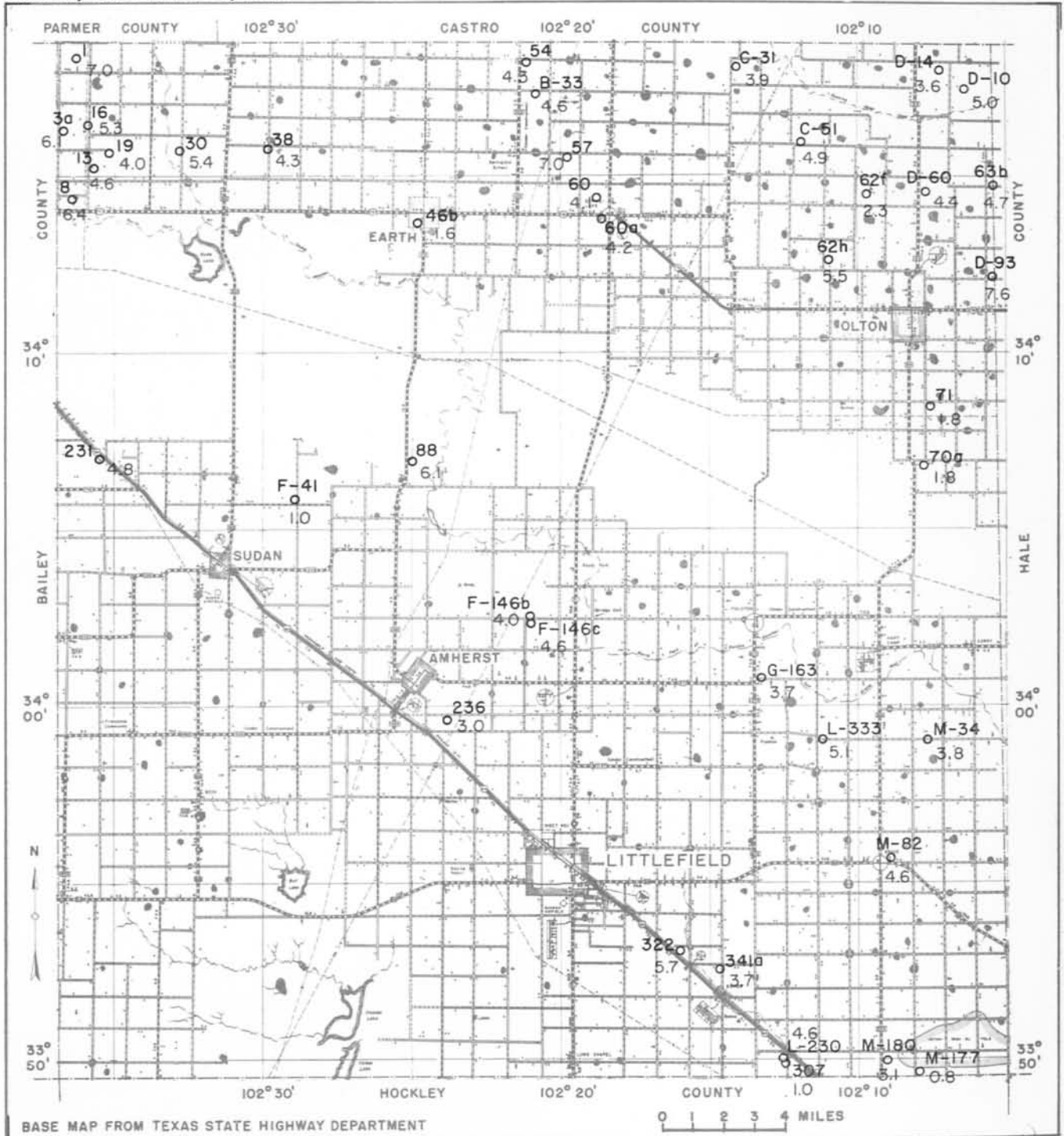
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○ Observation well
 Decline of water levels, in feet, shown in red
 Rise of water levels, in feet, shown in blue

LAMB COUNTY, TEXAS
 DECLINE OF WATER LEVELS
 January 1955 to January 1956

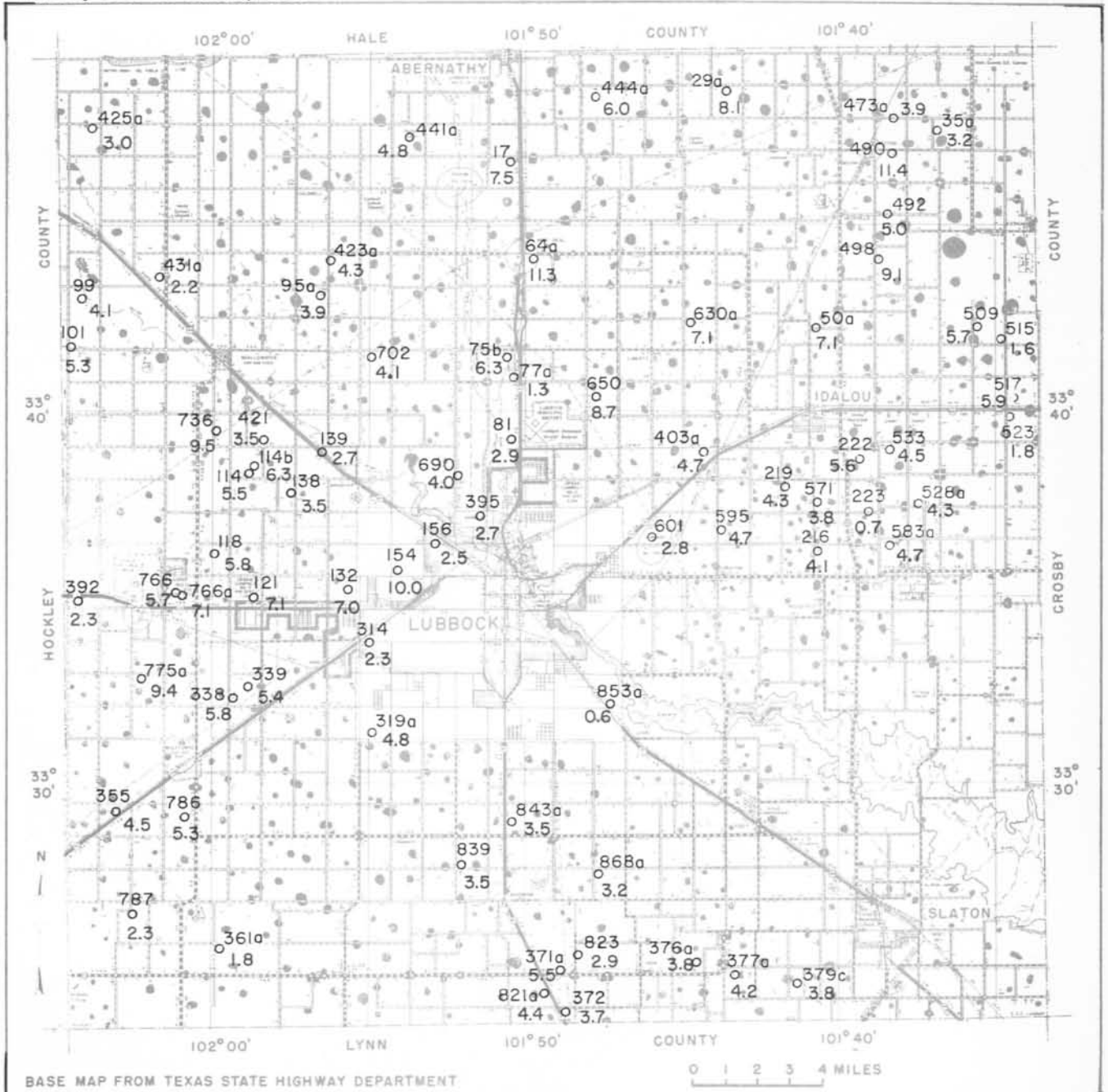
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o Observation well
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LUBBOCK COUNTY, TEXAS
 DECLINE OF WATER LEVELS
 January 1955 to January 1956

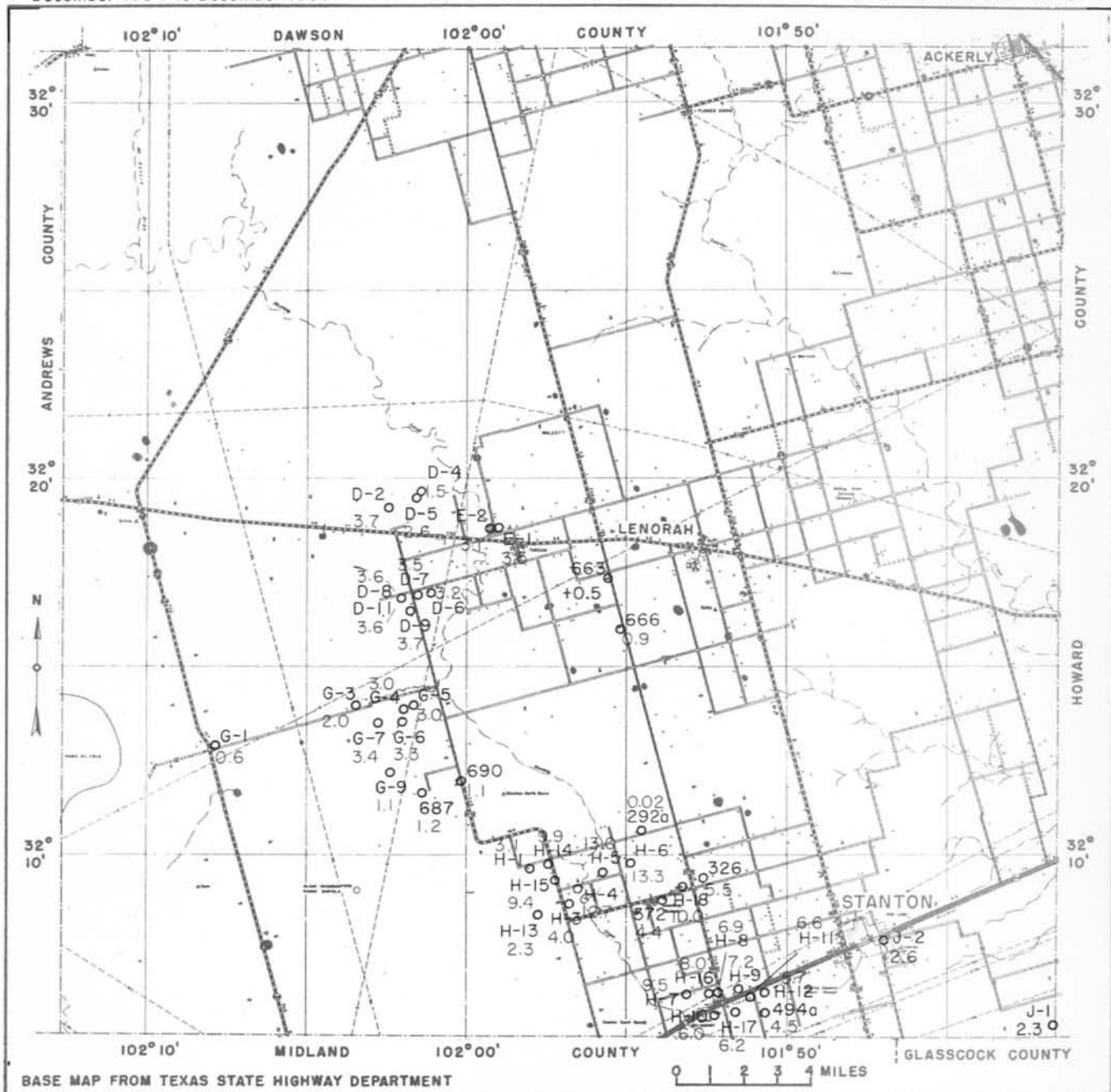
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o, Observation well
 Decline of water levels, in feet, shown in red

MARTIN COUNTY, TEXAS
 FLUCTUATION OF WATER LEVELS
 December 1954 to December 1955

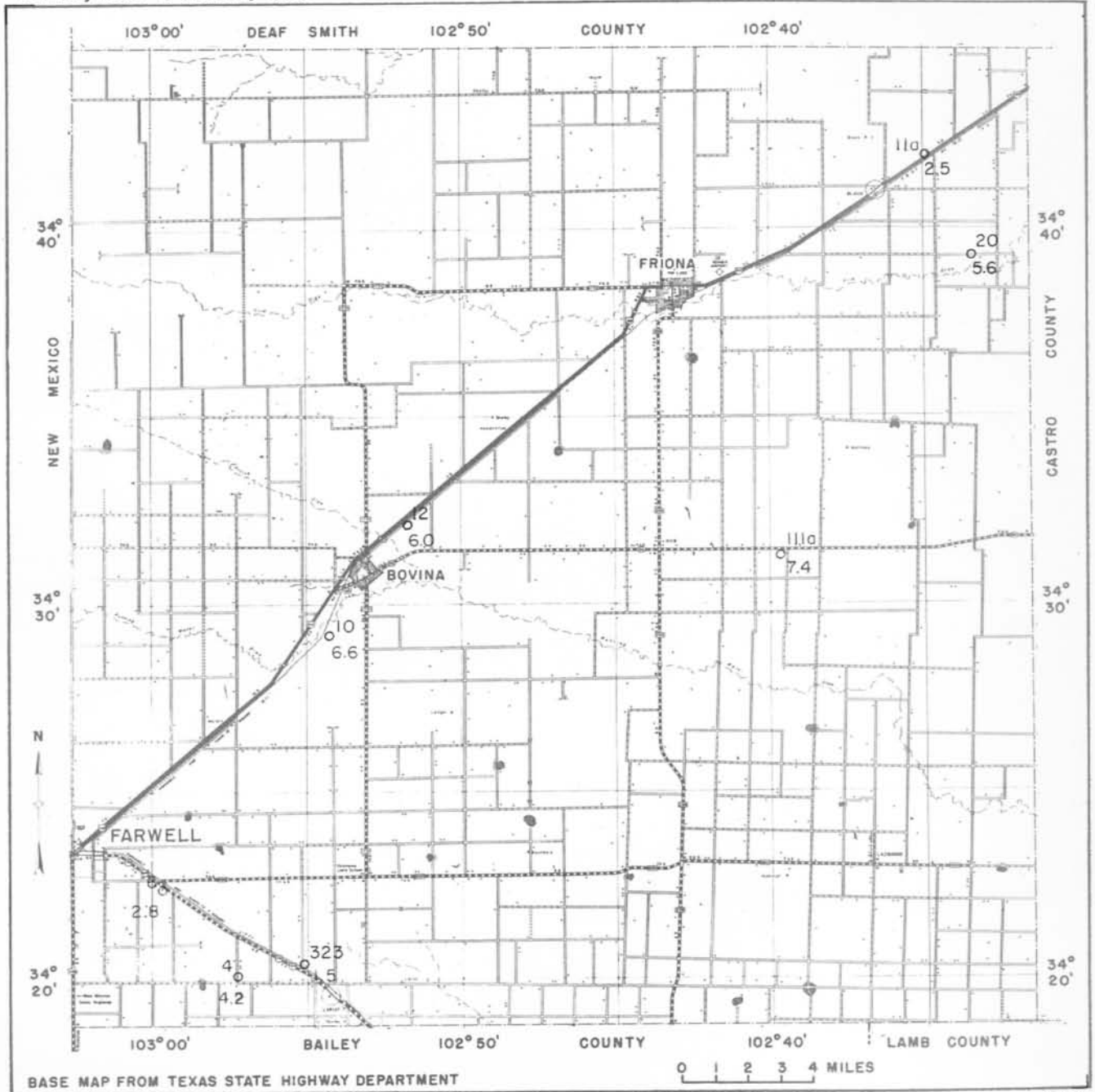
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 Rise of water levels, in feet, shown in blue

PARMER COUNTY, TEXAS
 DECLINE OF WATER LEVELS
 January 1955 to January 1956

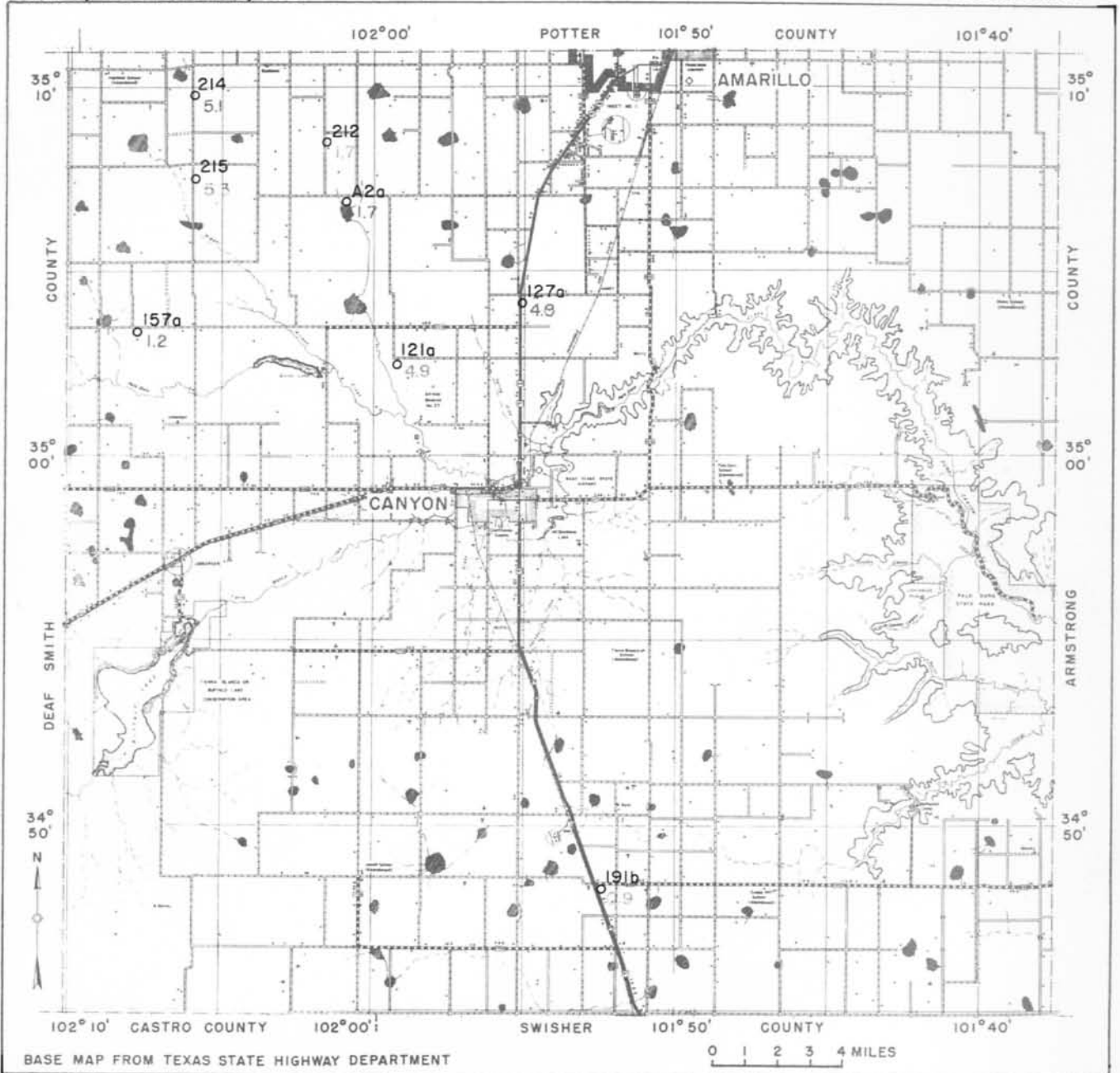
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 Decline of water levels, in feet, shown in red

RANDALL COUNTY, TEXAS
DECLINE OF WATER LEVELS
 January 1955 to January 1956

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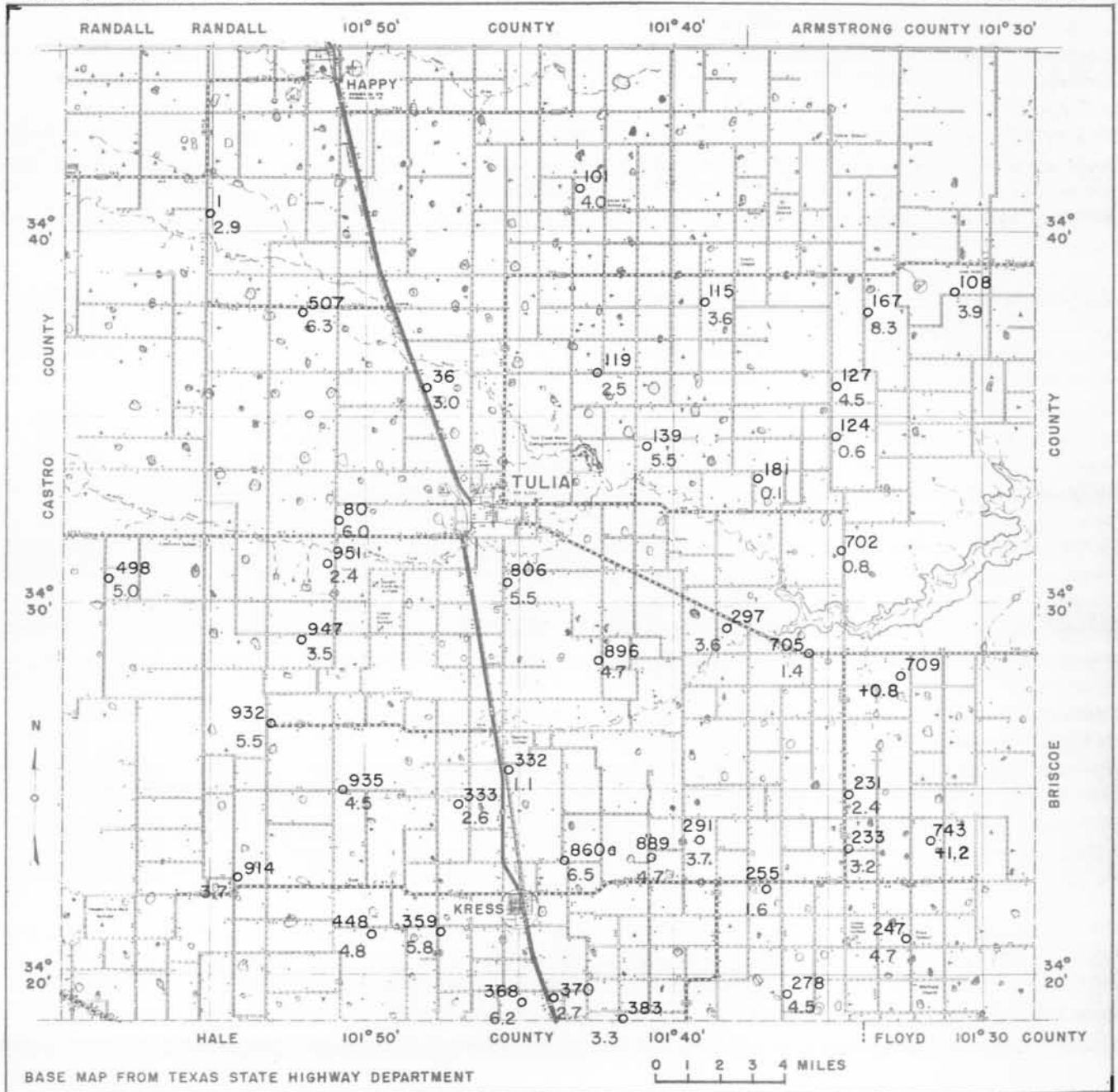


○ Observation well
 Decline of water levels, in feet, shown in red

BKW

SWISHER COUNTY, TEXAS
 FLUCTUATION OF WATER LEVELS
 January 1955 to January 1956

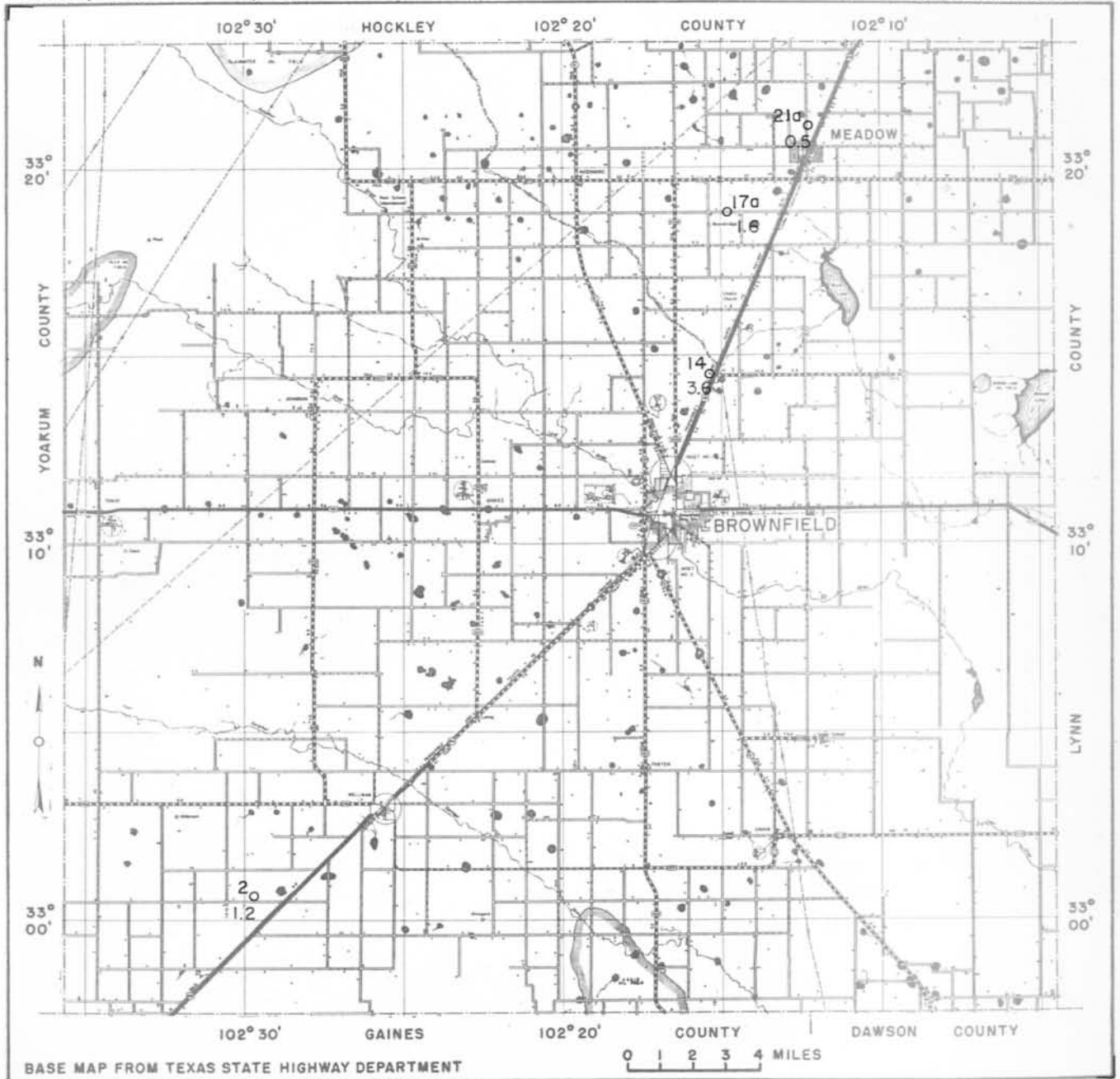
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 Rise of water levels, in feet, shown in blue

TERRY COUNTY, TEXAS
 DECLINE OF WATER LEVELS
 January 1955 to January 1956

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o Observation well

Decline of water levels, in feet, shown in red

