

USGS

OFR

80-332

C.1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

~~LIBRARY COPY~~

BE-23

A COMPILATION OF HYDROLOGIC DATA BEFORE AND DURING HIGHWAY

CONSTRUCTION IN PARTS OF TIJERAS CANYON, NEW MEXICO, 1972-1978

Open-File Report 80-332

Prepared in cooperation with the

New Mexico State Highway Department

U.S. GEOLOGICAL SURVEY
WRD, LIBRARY
505 MARQUETTE NW, RM 720
ALBUQUERQUE, N.M. 87102

~~RETURN TO:~~

~~Water Information Group
National Center, MS 420~~



80-W-0068

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A COMPILATION OF HYDROLOGIC DATA BEFORE AND DURING HIGHWAY
CONSTRUCTION IN PARTS OF TIJERAS CANYON, NEW MEXICO, 1972-1978

By J. D. Hudson

Open-File Report 80-332

Prepared in cooperation with the
New Mexico State Highway Department



Albuquerque, New Mexico

March 1980

Contents

| | Page |
|---|------|
| Inch-pound unit to metric unit conversion factors ----- | VI |
| Abstract ----- | 1 |
| Introduction ----- | 1 |
| Scope of the program ----- | 4 |
| Well and spring numbering system ----- | 4 |
| Hydrologic Data ----- | 6 |
| Significance and presentation of data ----- | 6 |
| Spring and creek measurements ----- | 24 |
| Ground-water measurements ----- | 27 |

Illustrations

| | Page |
|---|------|
| Figure 1.--Location map of Tijeras Canyon study area, New Mexico ----- | 2 |
| 2.--Diagram showing system of numbering wells and springs in New Mexico ----- | 5 |
| 3.--Hydrographs of monthly water-level measurements: Well 10N.4E.25.32423, 1975-79; Well 10N.4E.25.41344, 1972-78; Well 10N.4½E.25.11433, 1972-78; Well 10N.4½E.25.13331, 1972-78; Well 10N.4½E.25.24223, 1972-78; Well 10N.4½E.25.4222, 1976-78; Well 10N.5E.11.44422, 1972-74; Well 10N.5E.12.34312/34312A, 1972-79 ----- | 7 |

Illustrations - Continued

Page

Figure 3.--Hydrographs of monthly water-level measurements -

Concluded:

| | |
|---|----|
| Well 10N.5E.12.41334, 1972-78; | |
| Well 10N.5E.12.43244, 1972-75; | |
| Well 10N.5E.12.43434, 1975-79; | |
| Well 10N.5E.13.12111, 1972-78; | |
| Well 10N.5E.14.1412, 1972-77; | |
| Well 10N.5E.14.314, 1972-78; | |
| Well 10N.5E.14.3243, 1972-78 ----- | 8 |
| Well 10N.5E.15.4334, 1972-78; | |
| Well 10N.5E.19.34121, 1972-78; | |
| Wells 10N.5E.22.14321/14323/14322, 1972-79; | |
| Well 10N.5E.22.21333, 1972-78; | |
| Well 10N.5E.22.22313, 1972, 1975-78; | |
| Well 10N.5E.22.23131, 1972-76; | |
| Well 10N.5E.22.233324, 1972-78; | |
| Well 10N.5E.22.4212, 1972-78 ----- | 9 |
| Well 10N.5E.23.12133, 1972-78; | |
| Well 10N.5E.23.1312, 1972-78; | |
| Well 10N.5E.29.11312, 1972-78; | |
| Well 10N.5E.29.11431, 1975-79; | |
| Well 10N.5E.30.14332, 1972-78; | |
| Well 10N.5E.30.21134, 1972-78; | |
| Well 10N.5E.30.32241/32241A, 1972-78; | |
| Well 10N.6E.4.1444, 1972-78 ----- | 10 |
| Well 10N.6E.5.33231, 1972-78; | |
| Well 10N.6E.5.34334, 1972-77; | |
| Well 10N.6E.5.43422, 1972-78; | |
| Well 10N.6E.5.44244, 1972-78; | |
| Well 10N.6E.7.31421, 1972-76; | |
| Well 10N.6E.7.32424, 1972-77 ----- | 11 |
| Well 10N.6E.7.34222, 1972-77; | |
| Well 10N.6E.7.42112, 1972, 1975-76; | |
| Well 10N.6E.10.3313, 1972-77; | |
| Well 10N.6E.10.3442, 1972-77 ----- | 12 |

4.--Hydrographs of continuously recorded water-level measurements:

| | |
|--|----|
| Well 10N.4E.25.32423, 1976-78; | |
| Well 10N.4½E.25.4222, 1976-78 ----- | 13 |
| Well 10N.5E.12.34312/34312A, 1972-75 ----- | 14 |
| Well 10N.5E.12.34312A, 1976-78; | |
| Well 10N.5E.12.43244, 1972-73 ----- | 15 |
| Well 10N.5E.12.43244/43434, 1974-76 ----- | 16 |
| Well 10N.5E.12.43434, 1977-78; | |
| Well 10N.5E.22.14321, 1972-73 ----- | 17 |

Illustrations - Concluded

| | Page |
|---|--------|
| Figure 4.--Hydrographs of continuously recorded water-level measurements - Concluded: | |
| Well 10N.5E.22.14321, 1974; | |
| Well 10N.5E.22.14323, 1974-75; | |
| Well 10N.5E.22.14322, 1975-76 ----- | 18 |
| Well 10N.5E.22.14322, 1977-1978; | |
| Well 10N.5E.29.11431, 1976-78 ----- | 19 |
| Well 10N.6E.5.33231, 1972-76 ----- | 20 |
| 5.--Map showing stream-measurement sections, spring-measurement sites, and observation-well locations, Tijeras Canyon, New Mexico ----- | 22 |

Tables

| | Page |
|--|--------|
| Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico ----- | 28 |
| 2.--Maximum daily water levels for well 10N.4E.25.32423, 1976-78 ----- | 46 |
| 3.--Maximum daily water levels for well 10N.4½E.25.4222, 1976-78 ----- | 49 |
| 4.--Maximum daily water levels for well 10N.5E.12.34312 and well 10N.5E.12.34312A, 1972-78 ----- | 52 |
| 5.--Maximum daily water levels for well 10N.5E.12.43244 and well 10N.5E.12.43434, 1972-78 ----- | 59 |
| 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323, and well 10N.5E.22.14322, 1972-78 ----- | 66 |
| 7.--Maximum daily water levels for well 10N.5E.29.11431, 1976-78 ----- | 73 |
| 8.--Maximum daily water levels for well 10N.6E.5.33231, 1972-76 ----- | 76 |

Inch-pound to metric unit conversion factors

In this report figures for measurements are given in inch-pound units only. The following table contains factors for converting to metric units.

| <u>Multiply inch-pound units</u> | <u>By</u> | <u>To obtain metric units</u> |
|--|-----------|--|
| inch (in) | 2.54 | centimeter (cm) |
| foot (ft) | .3048 | meter (m) |
| cubic foot (ft ³) | 28.32 | cubic decimeter (dm ³) |
| cubic feet per second (ft ³ /s) | .02832 | cubic meter per second (m ³ /s) |
| acre | .4047 | hectare (ha) |
| mile (mi) | 1.609 | kilometer (km) |
| gallon (gal) | 3.785 | cubic decimeter (dm ³) |

A COMPILATION OF HYDROLOGIC DATA BEFORE AND DURING HIGHWAY
CONSTRUCTION IN PARTS OF TIJERAS CANYON, NEW MEXICO, 1972-1978

By J. D. Hudson

Abstract

Tijeras Canyon extends about 15 miles eastward from the eastern edge of Albuquerque, New Mexico. The canyon is the site of a new part of Interstate Highway 40. The purpose of this report is to present surface- and ground-water data collected prior to and during highway construction. Well and spring data from near the construction site are tabulated, and spring inflow in Tijeras Creek is shown. Water levels in selected wells are shown in hydrographs based on monthly measurements and continuous water-level measurements. This report includes all of the data in a similar previous report (U.S. Geological Survey Open-File Report 78-238), plus approximately one additional year of data.

Introduction

Tijeras Canyon, a steep-walled canyon extending about 15 miles eastward from the eastern edge of Albuquerque (fig. 1), separates the Sandia and Manzano Mountains. Interstate Highway 40, the main east-west highway through New Mexico, follows Tijeras Canyon.

Construction of the highway was scheduled in four separate but overlapping phases, beginning at the east end of the canyon. The initial contract, involving about four miles in the upper portion of the canyon, was due to start in late 1972. Right-of-way acquisition problems delayed construction in this part of the project until July 1974, and it was not completed until October 1976. The second contract, which joined the first on the west, included about four miles of construction. It was awarded in August 1975 and was completed in November 1977. The third contract, involving about three miles of construction, was awarded in July 1976 and was completed in October 1977; the fourth and final section was awarded in September 1976 and completed in March 1978.

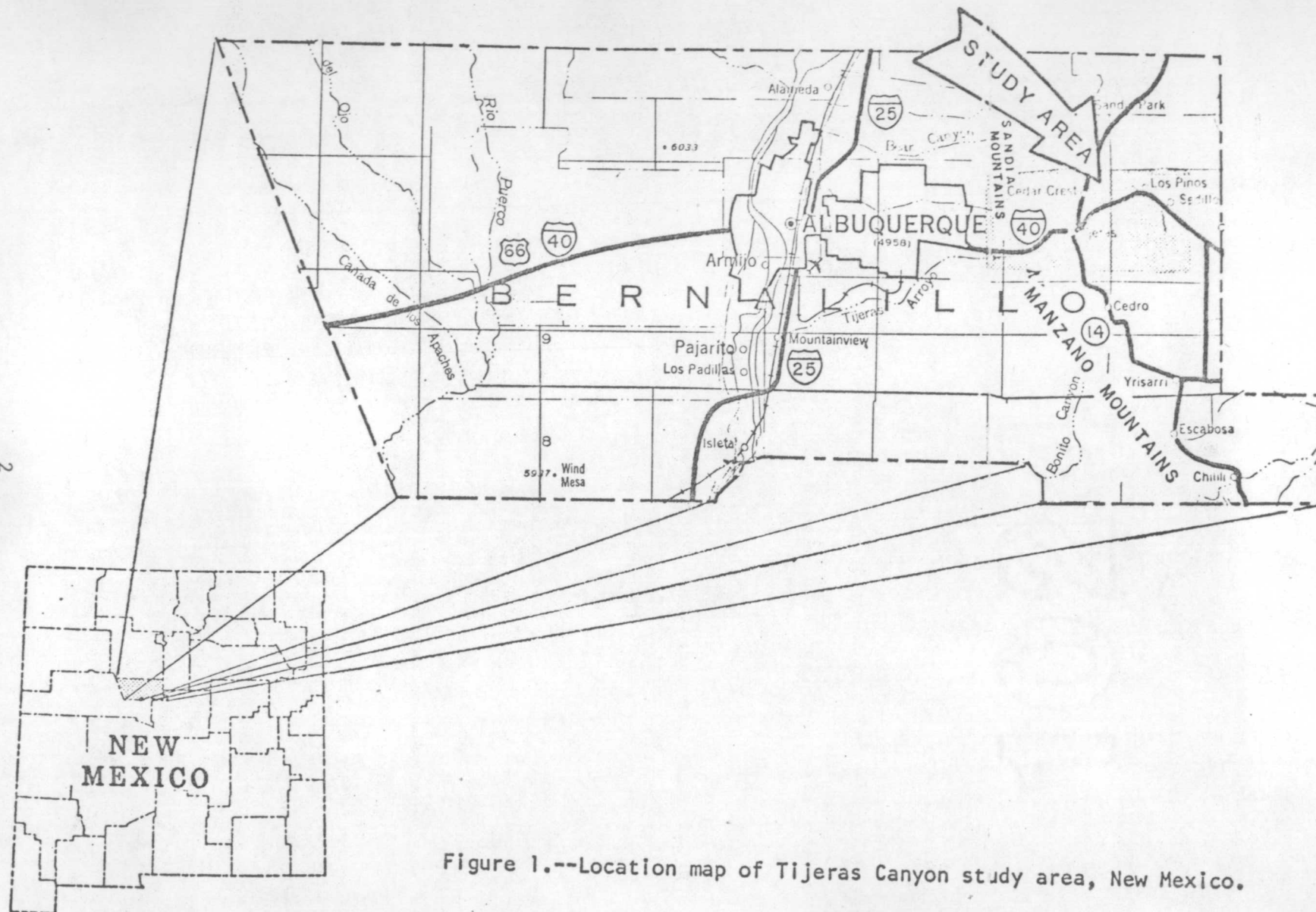


Figure 1.--Location map of Tijeras Canyon study area, New Mexico.

Because the highway construction involved large explosions, deep road cuts, and some channeling of Tijeras Creek, documentation of possible changes in the water resources of the area was needed.

This investigation was made in cooperation with the New Mexico State Highway Department. It was initiated in June 1972 for the purpose of collecting hydrologic data before and during highway construction. The project began prior to any new highway construction in Tijeras Canyon primarily to establish the water-supply conditions and to establish a background of ground-water and surface-water data. Another objective of the program was to monitor the water resources of the area during the construction phase in order to help determine the validity of any well damage claims resulting from highway construction in the mountainous area.

Beginning in June 1972, and continuing for the duration of the project, periodic ground-water-level measurements and surface-water-discharge observations were made. This report presents the basic hydrologic data collected throughout the project.

The program was originally scheduled to conclude in December 1977. This resulted in the release of Open-File Report 78-238 in February 1978. Because construction was not complete at that time, the program was continued on a reduced scale through 1978. Data collection in the eastern half of the project area was discontinued because construction was complete there. Starting in January 1978, the monthly water-level measurements in 35 wells and the operation of 7 continuous recorder-equipped wells was reduced to 10 monthly water-level measurements and the operation of 6 recorder-equipped wells. Scheduled collection of basic data stopped in December 1978, but most of the recorders continued to run until March or April 1979, and that record is included in the hydrographs.

Scope of the program

Well inventory began in June 1972 and was intended to cover only wells within a quarter of a mile of the new construction; however, some well owners outside the project area requested that their wells also be included. The initial inventory included talking with each well owner about the construction of the well and the general condition of each well and pump. A water sample was collected and stored for future analysis if water quality became an issue. A few people within the project area were not interested in the inventory and would not allow inspection of their wells, and some knew very little about their well. In such cases little information is shown on the well-inventory tabulation (table 1). About 300 wells and 5 springs were visited during the initial phase of the inventory and about 40 wells were drilled and inventoried since 1972. During 1975, most of the wells in the western half of the canyon were revisited in order to update the original inventory.

Water levels in about 35 scattered wells were selected for monthly measurements. Three abandoned wells in the road right-of-way and one well drilled by the New Mexico State Highway Department were equipped with continuous water-level recorders. Three of these recorder wells were vandalized and new wells had to be drilled nearby. The replacement wells were drilled close to the original wells and finished in the same aquifer, which made the data continuous and meaningful.

Well and spring numbering system

Wells and springs in this report are identified by a number based on their location. The first segment indicates the township north of the New Mexico baseline, the second segment indicates the range east of the New Mexico principal meridian, the third segment indicates the section within the township, and the fourth segment indicates the location within the section. The three digits in the fourth section indicate, respectively, the quarter section (about 160 acres), the quadrant (about 40 acres) of the quarter section, and the quadrant (about 10 acres) of the 40-acre tract in which the well is located. Where map accuracy permits, wells are located to five divisions; that is, the nearest 0.6 acre. Figure 2 shows the system of numbering quarter sections and quadrants, which is done in reading order, as well as the numbering of sections in a township. The letter designation following the fourth segment indicates the well was the second, third, or fourth (a, b, c) well located in that particular tract. The well in figure 2 is in the $SE\frac{1}{4}SW\frac{1}{4}SE\frac{1}{4}$ sec.12, T. 10 N., R. 5 E. When a well cannot be located to the 10-acre tract, the remaining digit or digits are zeros.

Hydrologic Data

Significance and presentation of data

Included in this report are tables of well-inventory data (table 1), hydrographs showing monthly depth-to-water in the observation wells (fig. 3), annual hydrographs showing depth-to-water in recorder-equipped wells (fig. 4), and daily tabulations of water levels in recorder-equipped wells (tables 2 through 8). The monthly depth-to-water measurements indicate seasonal and long-term effects of regional ground-water withdrawal, while the daily water levels show short-term effects.

In July 1975, the observation network was expanded to include monthly measurements at four sites in Tijeras Creek and of four springs where they discharge into Tijeras Creek. Figure 5 shows the location of the stream-section measurements, spring-discharge measurements, observation wells, and recorder-equipped wells.

There are also a number of springs that discharge into the creek in the form of seeps, mostly between the measurement sections A to C and D to E, as indicated in figure 5. In order to measure these seeps, a measurement was made in the creek above the seep area and another measurement below the seep area. The measurements are tabulated below. The difference in flow in Tijeras Creek above and below each seep area is assumed to be the contribution of the seep area to the flow in Tijeras Creek.

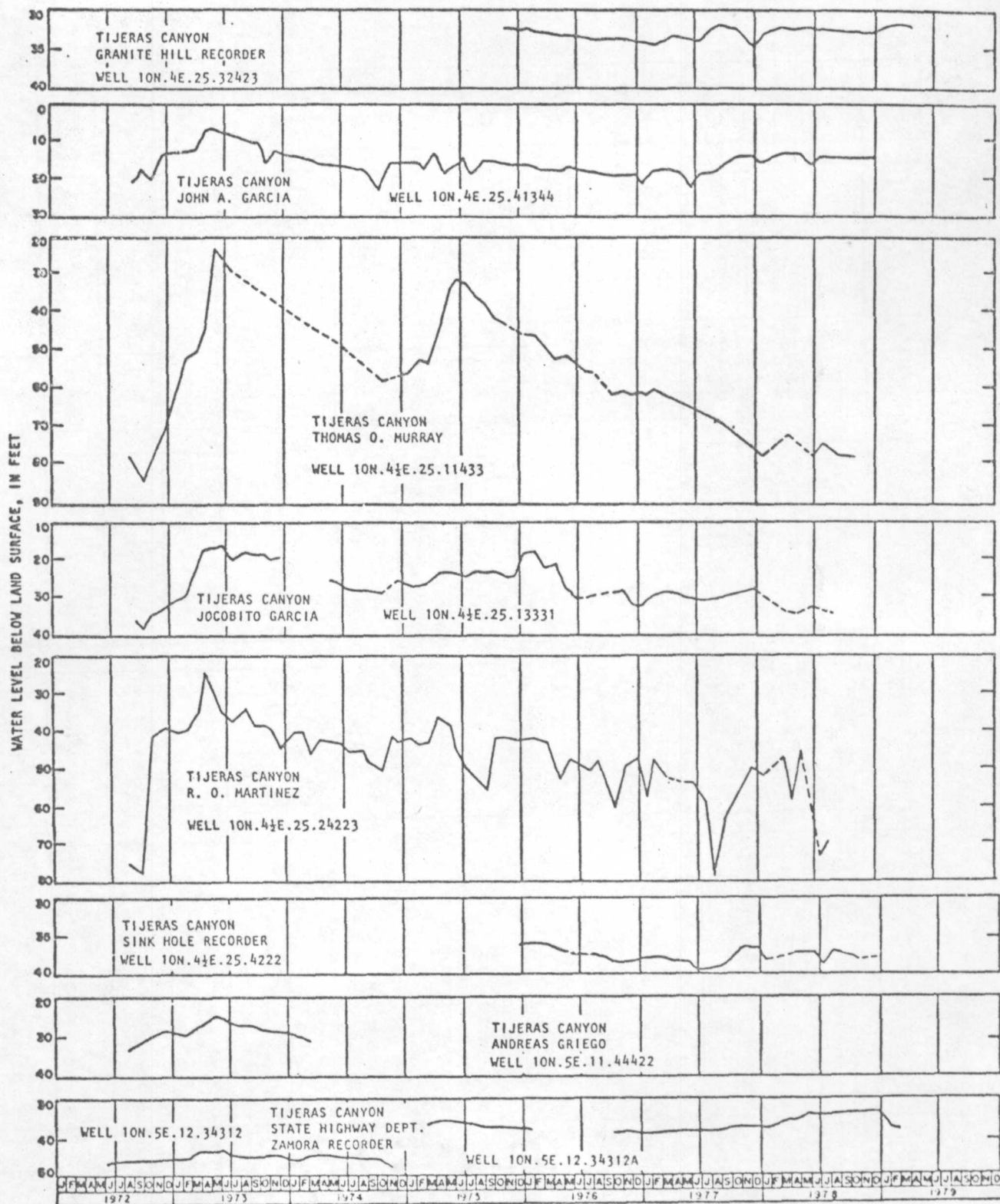


Figure 3.--Hydrographs of monthly water-level measurements.

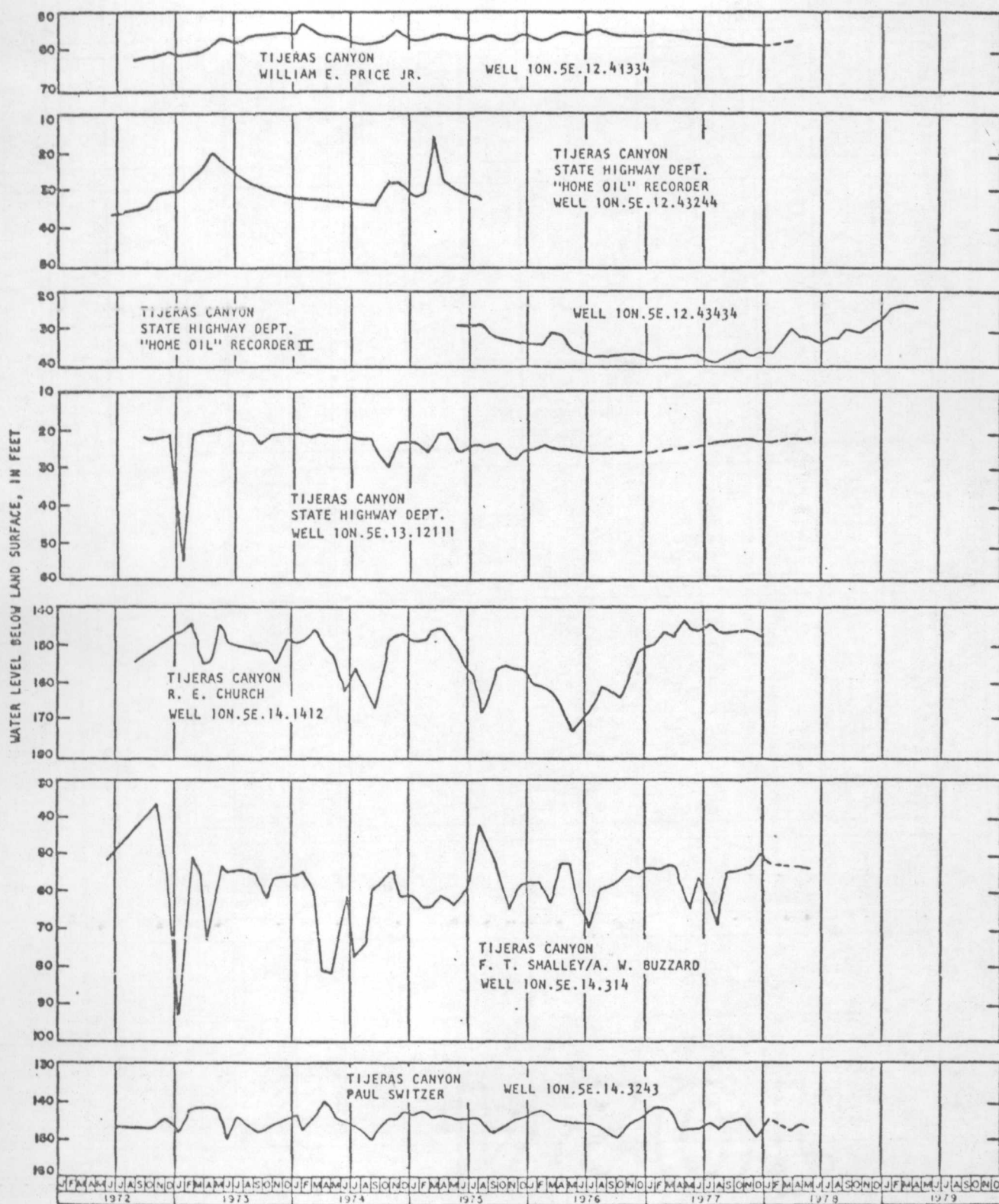


Figure 3.--Hydrographs of monthly water-level measurements - continued.

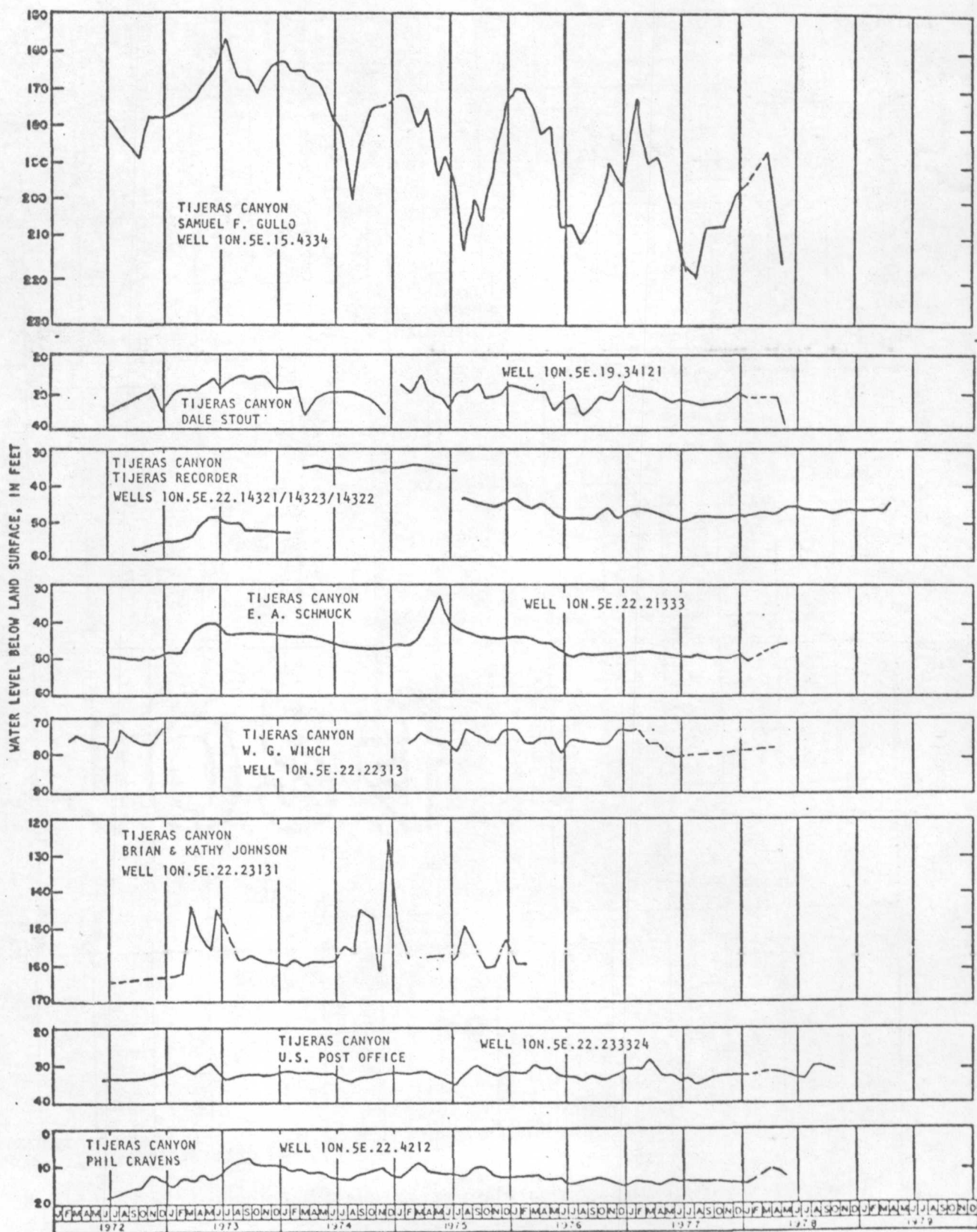


Figure 3.--Hydrographs of monthly water-level measurements - continued.

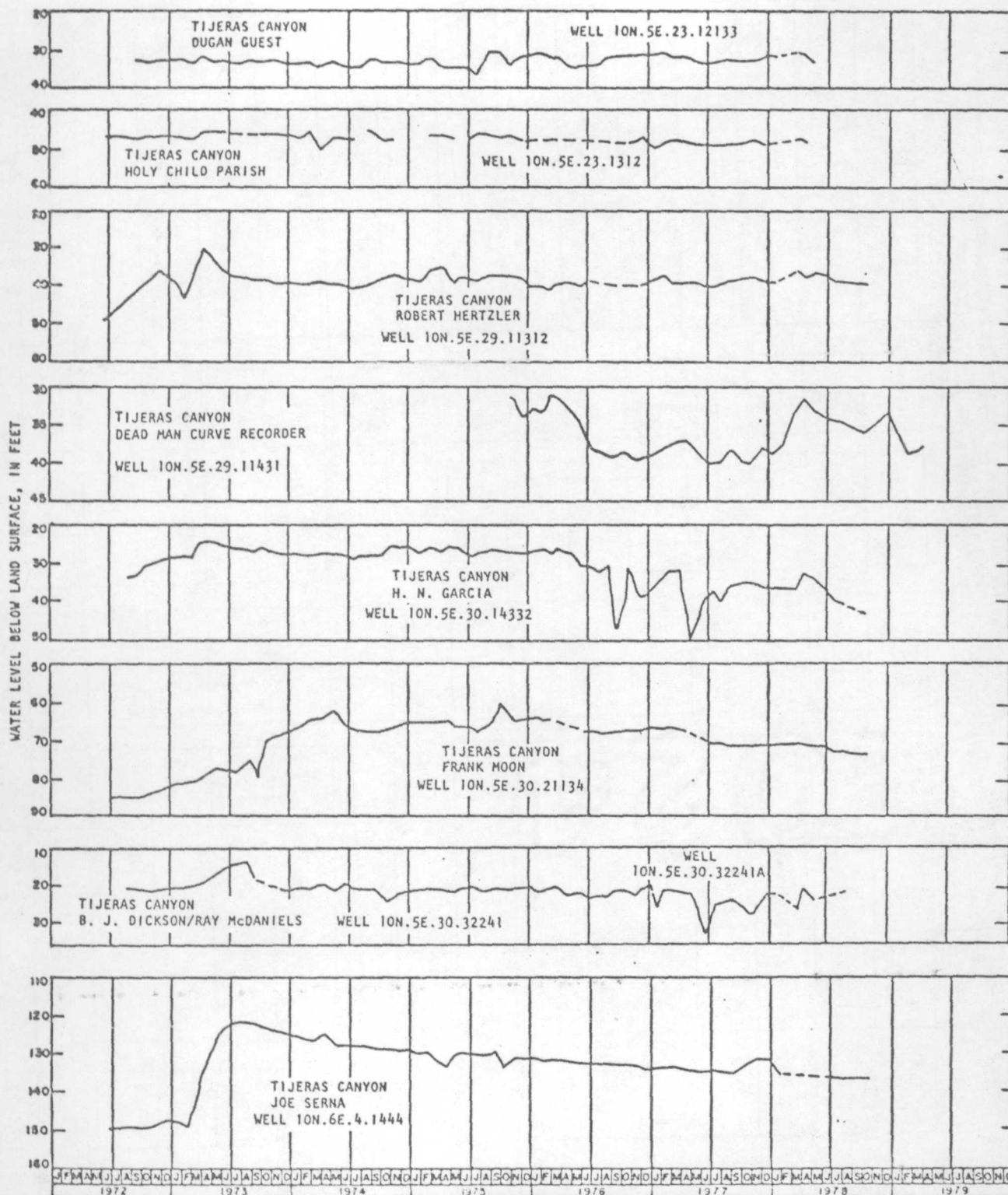


Figure 3.--Hydrographs of monthly water-level measurements - continued.

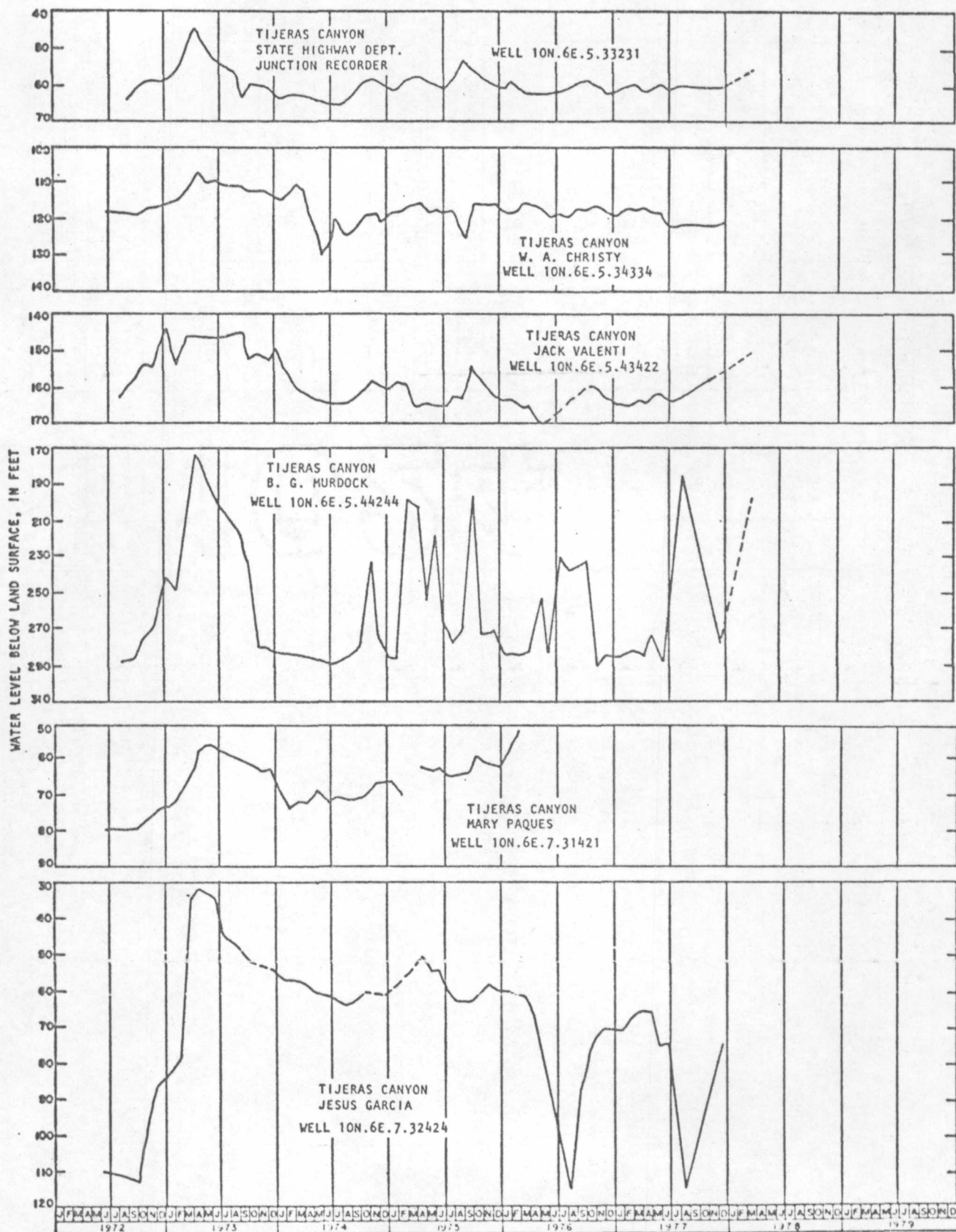


Figure 3.--Hydrographs of monthly water-level measurements - continued.

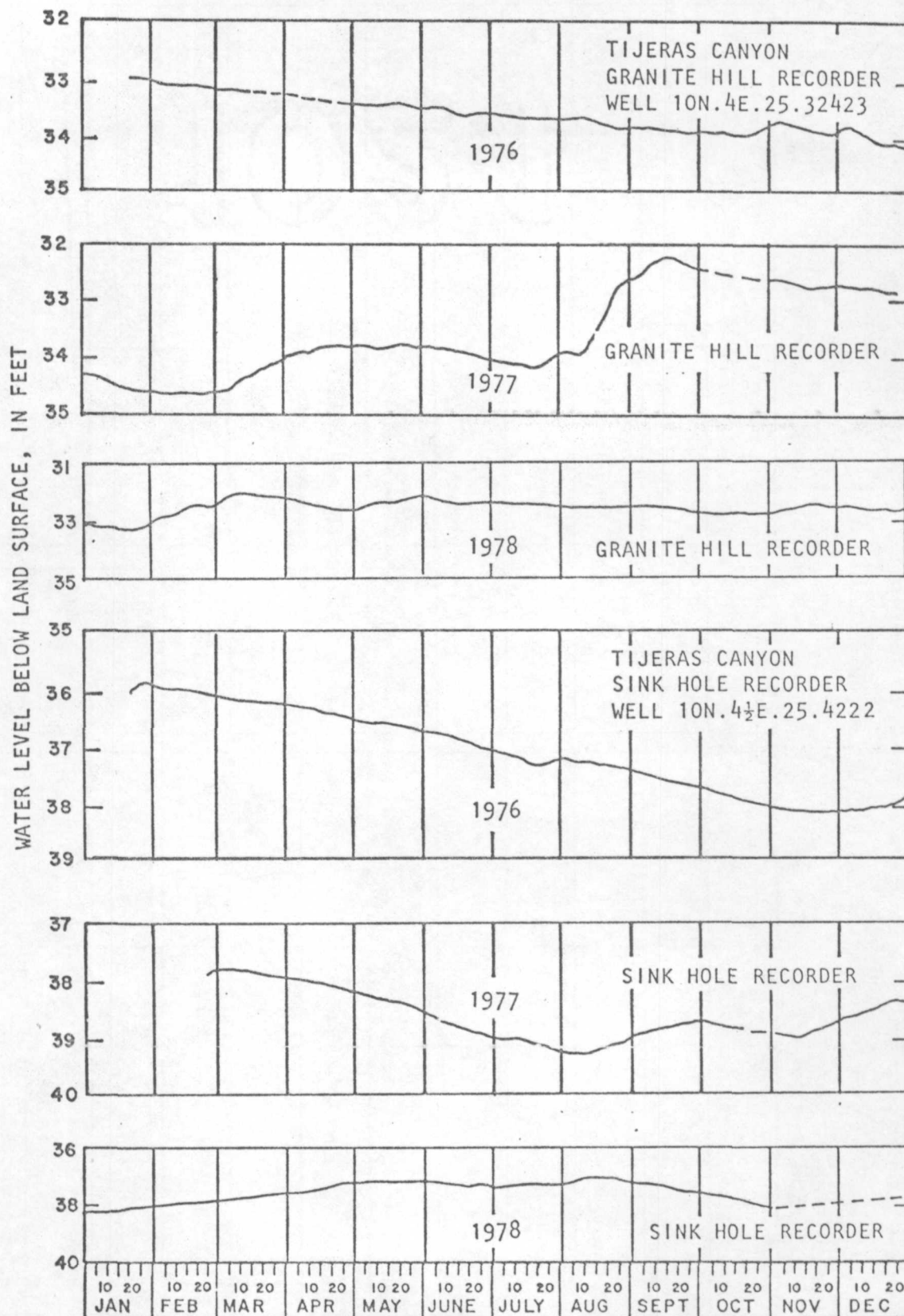


Figure 4.--Hydrographs of continuously recorded water-level measurements.

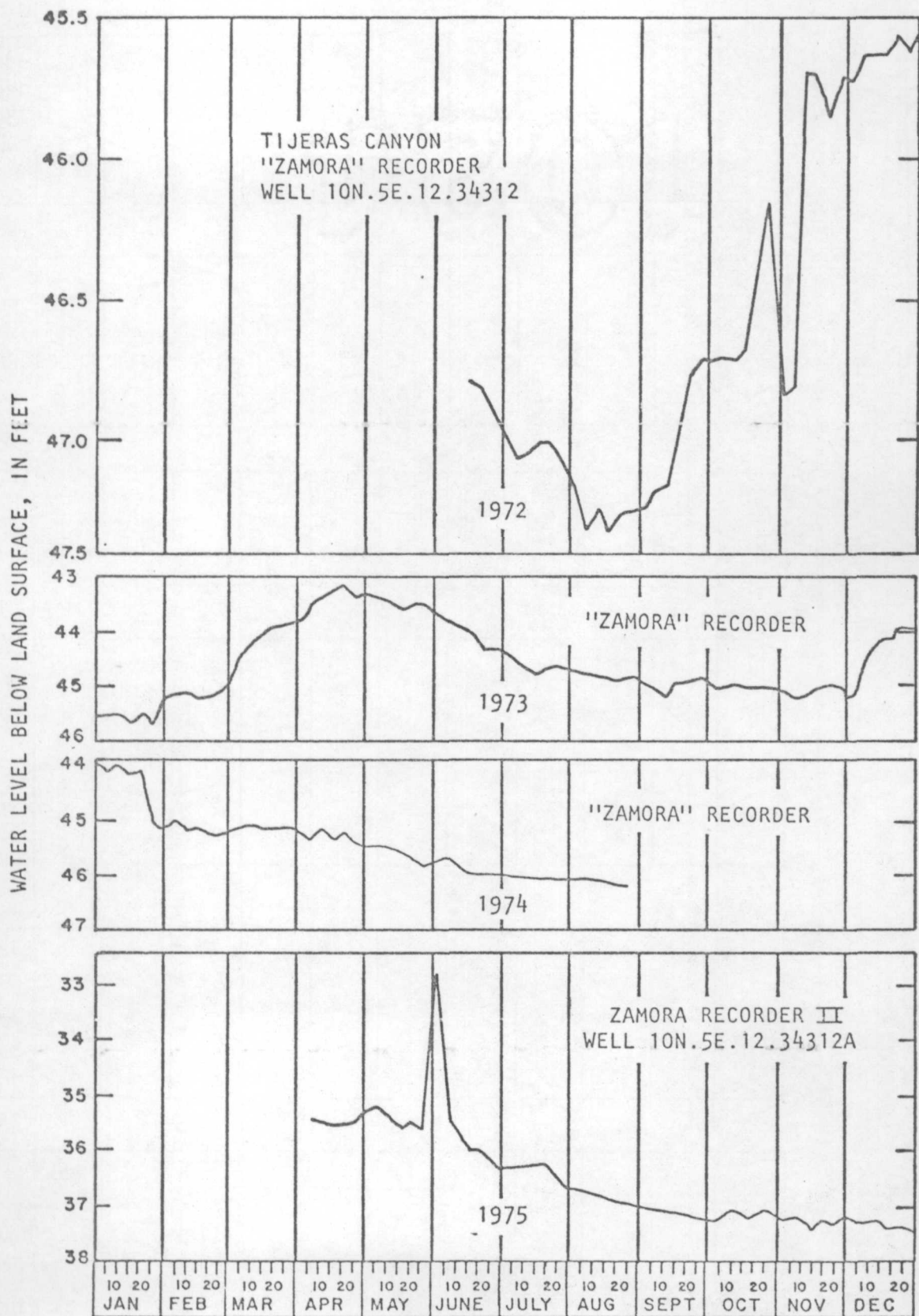


Figure 4.--Hydrographs of continuously recorded water-level measurements - continued.

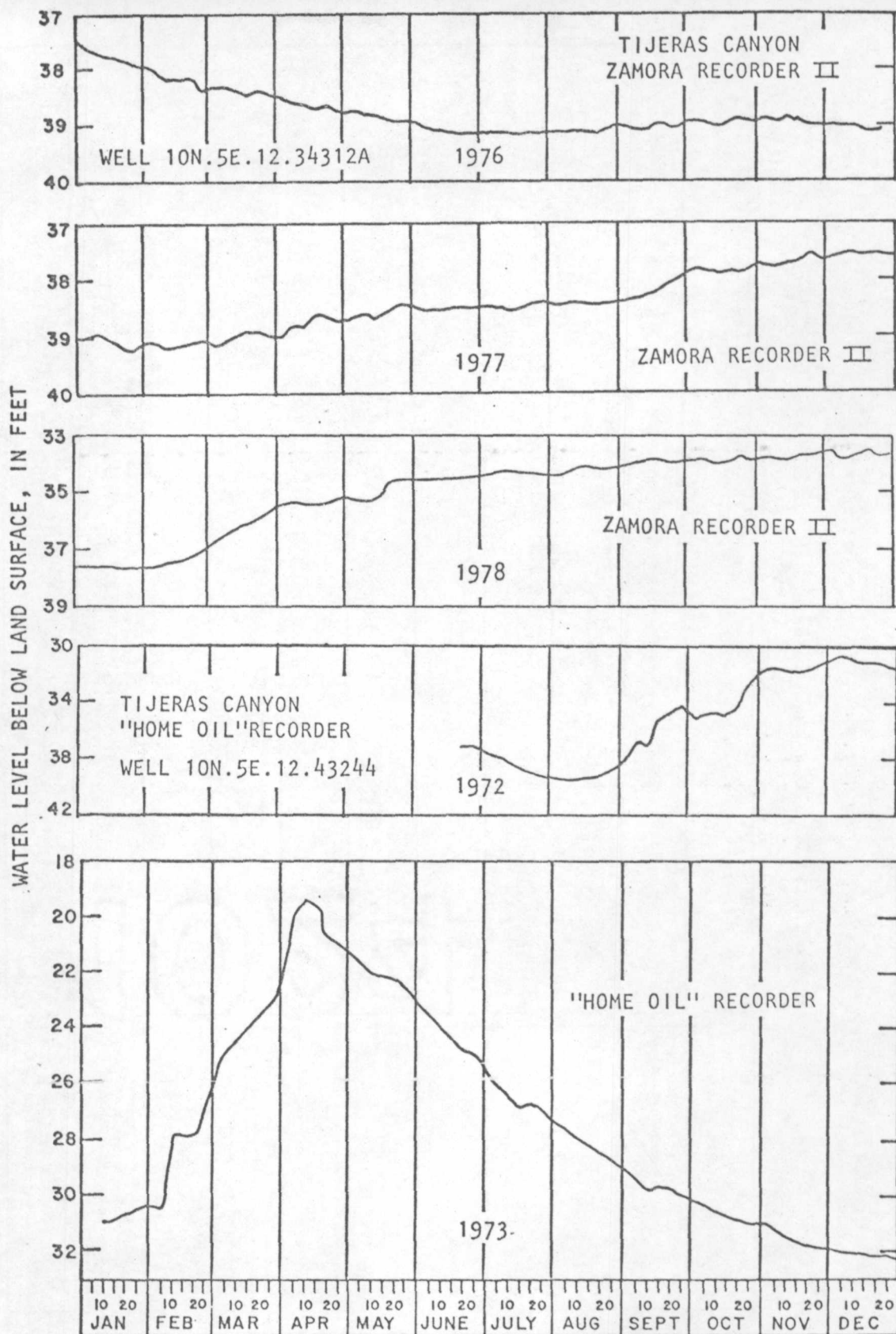


Figure 4.--Hydrographs of continuously recorded water-level measurements - continued.

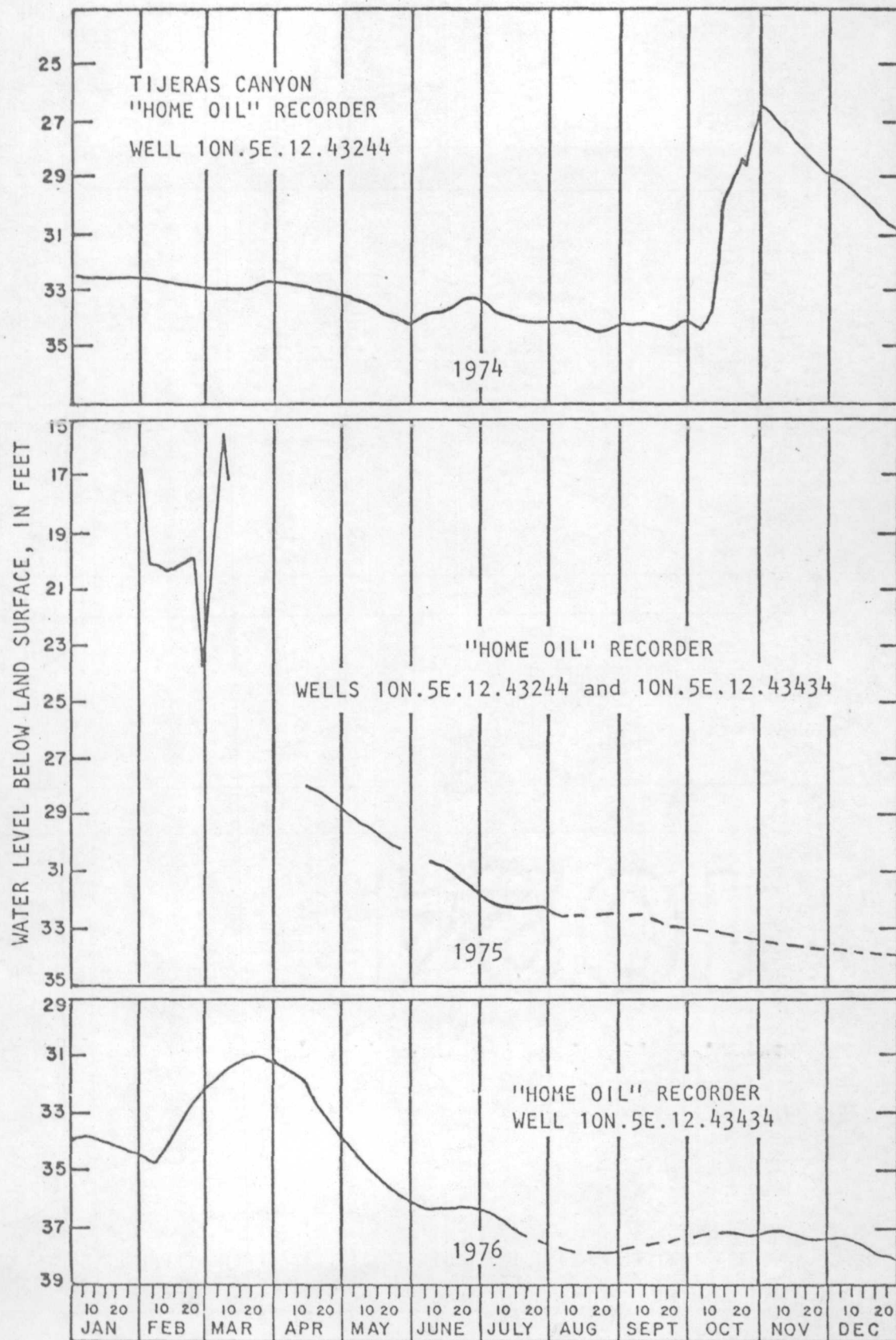


Figure 4.--Hydrographs of continuously recorded water-level measurements - continued.

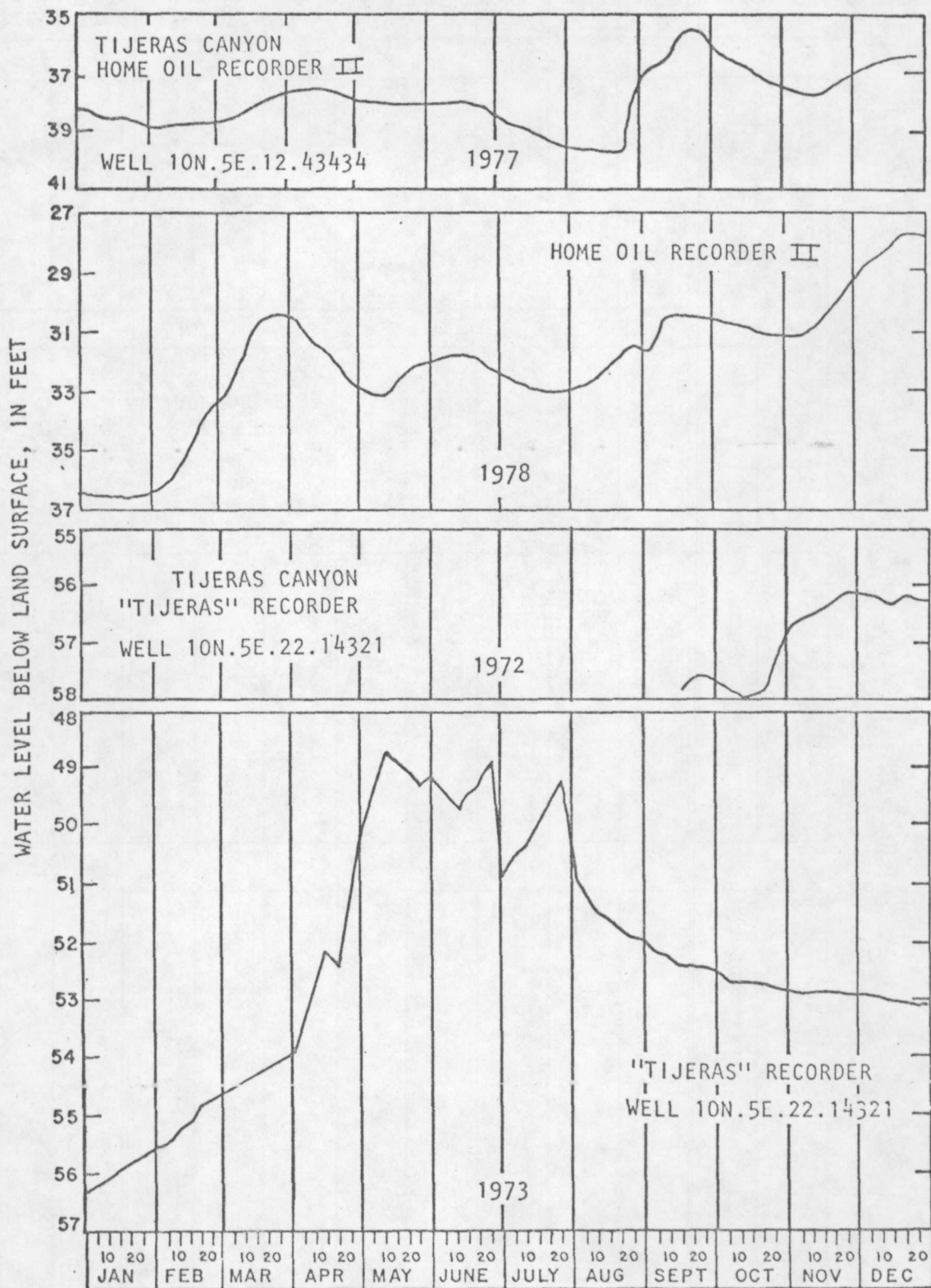


Figure 4.--Hydrographs of continuously recorded water-level measurements - continued.

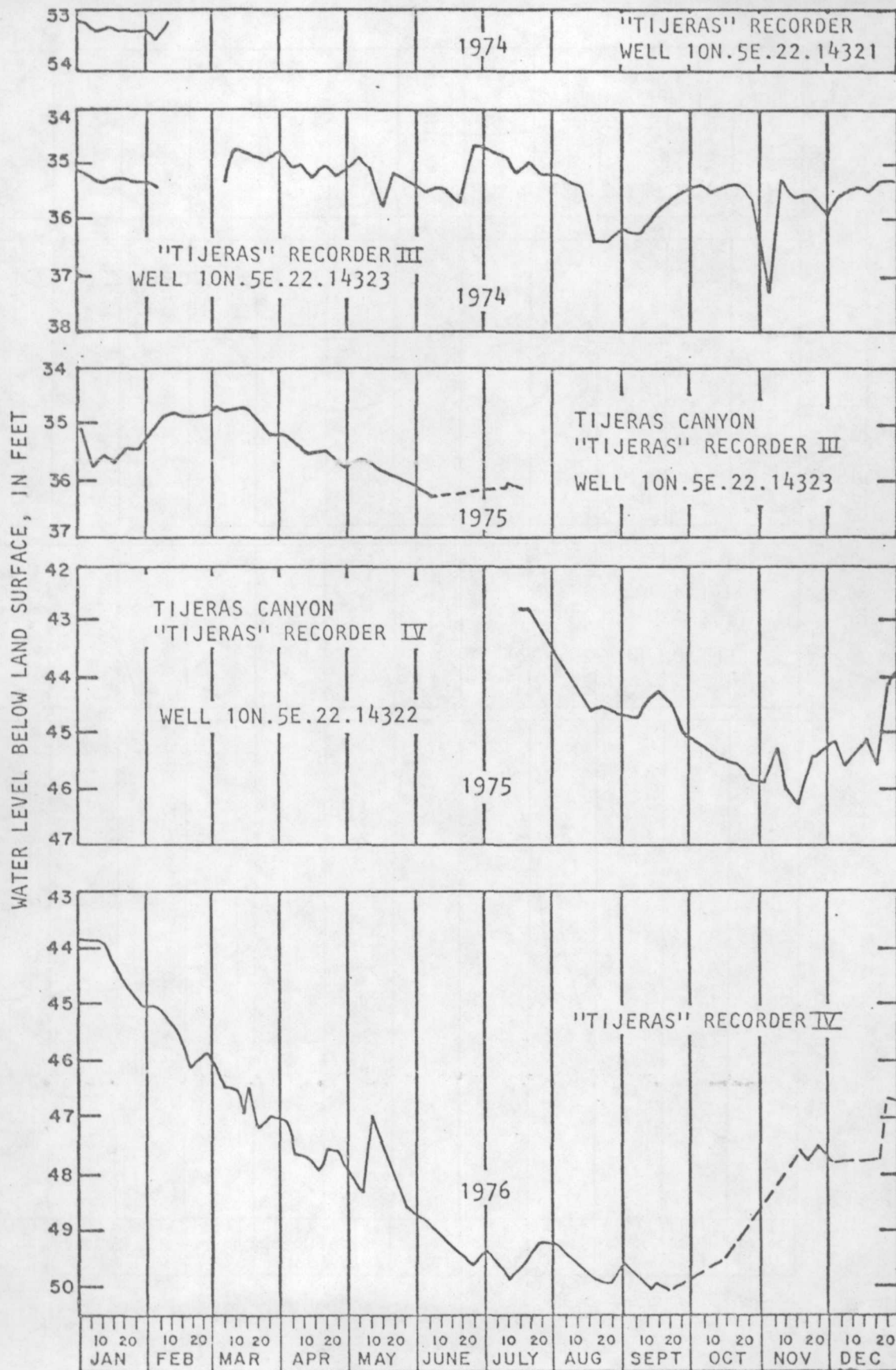


Figure 4.--Hydrographs of continuously recorded water-level measurements - continued.

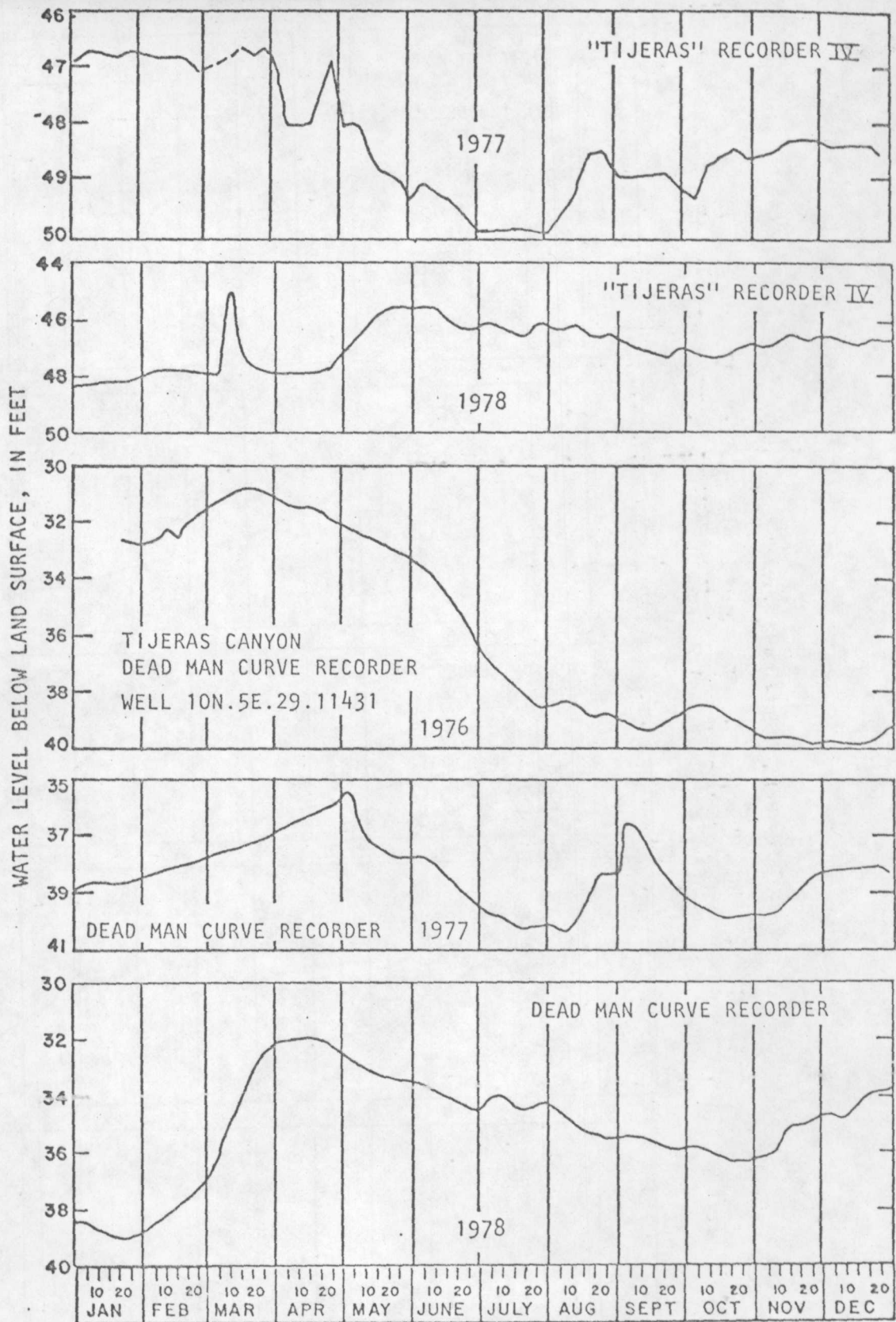


Figure 4.--Hydrographs of continuously recorded water-level measurements - continued.

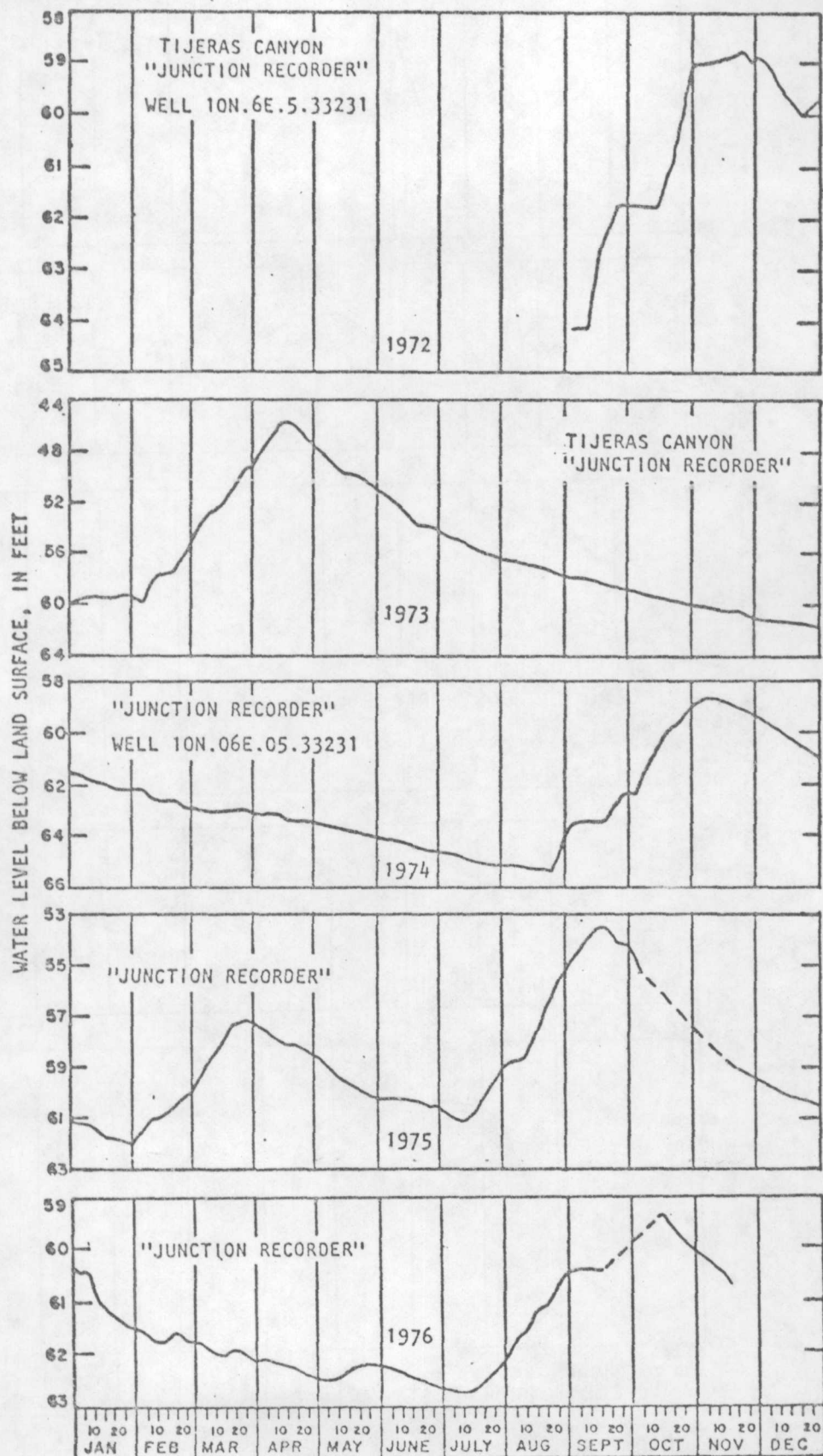


Figure 4.--Hydrographs of continuously recorded water-level measurements - concluded.

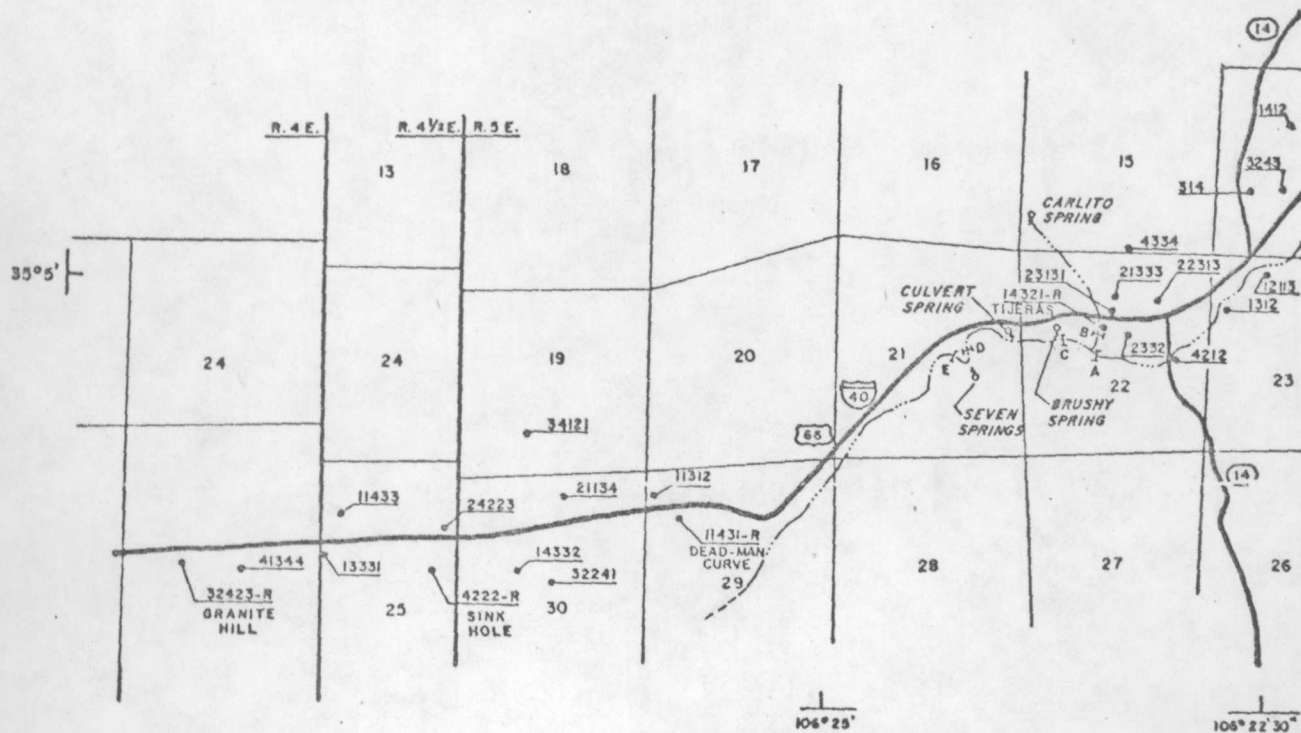
Blank page

EXPLANATION

Well Location ———→ 434-R
 number
 Name ———→ Home Oil
 (R - indicates continuous recorder)
 ○ Spring
 ~~~~~ Stream measurement section

## Stream Measurement Sections

- A - Above Carlito
- B - Carlito Spring
- C - Below Carlito Springs
- D - Above Seven Springs
- E - Below Seven Springs



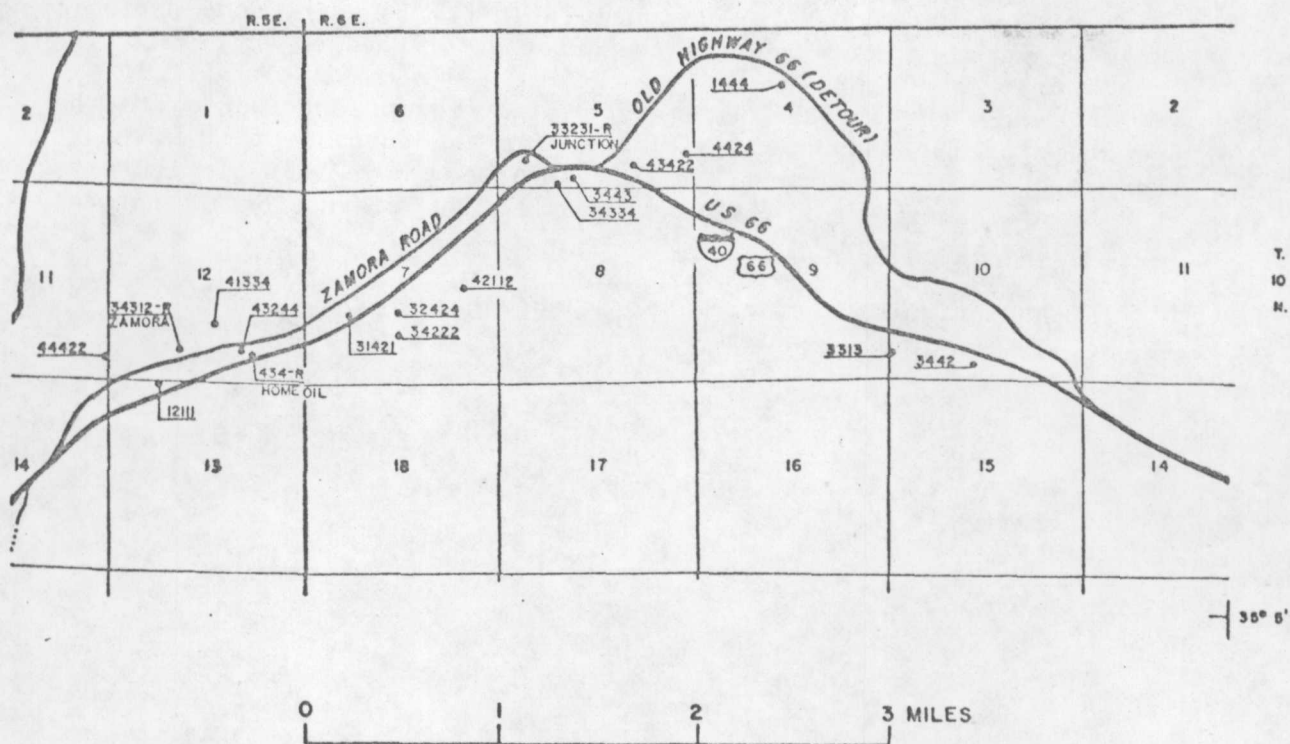


Figure 5.--Stream-measurement sections, spring-measurement sites, and observation-well locations, Tijeras Canyon, New Mexico.

## Spring and creek measurements

The erratic flows of the springs and the creek were reflected in the measurements made in 1975-1977. The significance of the data obtained is affected by upstream diversions and variations in precipitation.

In order for measurements to be meaningful and comparable, the measuring section must be the same place each time and flow through the section must not be artificially interrupted. Since construction caused temporary disruption of flow in the creek and the springs and changes in the points of discharge of the springs, regular spring and creek measurements were discontinued in 1977. However, some periodic observations were continued for the duration of the project.

Although the surface water is a significant contribution to the hydrology of the canyon and vicinity, for the purpose of this report the ground-water measurements appeared to be a more valuable index to the water resources of the area, due to the disruption of natural flow of surface water.

A tabulation of surface-water measurements follows.



Tabulation of surface-water measurements, Tijeras Canyon Area

A. Tijeras Creek above mouth of Carlito Spring

| Date           | ft <sup>3</sup> /s | gal/min |
|----------------|--------------------|---------|
| July 18, 1975  | 0.554              | 248.65  |
| Aug. 7, 1975   | .090               | 40.3    |
| Sept. 15, 1975 | .269               | 120.7   |
| Oct. 9, 1975   | .248               | 111.3   |
| Nov. 18, 1975  | .228               | 102.3   |
| May 21, 1976   | Dry                | Dry     |

B. Carlito Spring at mouth

| Date           | ft <sup>3</sup> /s | gal/min |
|----------------|--------------------|---------|
| July 18, 1976  | 0.456              | 204.7   |
| Aug. 7, 1975   | .170               | 76.3    |
| Sept. 15, 1975 | .144               | 64.6    |
| Oct. 9, 1975   | .076               | 34.1    |
| Nov. 18, 1975  | .069               | 31.0    |
| Jan. 22, 1976  | .127               | 57.0    |
| Sept. 1, 1976  | Estimated          | 1.0     |

C. Tijeras Creek below mouth of Carlito Spring

| Date           | ft <sup>3</sup> /s | gal/min |
|----------------|--------------------|---------|
| July 8, 1975   | 1.006              | 451.5   |
| July 18, 1975  | 1.202              | 539.4   |
| Aug. 7, 1975   | .228               | 102.3   |
| Sept. 15, 1975 | .380               | 170.6   |
| Oct. 9, 1975   | .182               | 81.6    |
| Nov. 18, 1975  | .248               | 111.3   |
| Jan. 22, 1976  | .973               | 436.7   |
| Sept. 1, 1976  | Dry                | Dry     |

D. Brushy Spring at mouth

| Date           | ft <sup>3</sup> /s | gal/min |
|----------------|--------------------|---------|
| July 9, 1975   | 0.224              | 100.5   |
| Aug. 7, 1975   | .170               | 76.3    |
| Sept. 15, 1975 | .127               | 57.0    |
| Oct. 9, 1975   | .090               | 40.4    |
| Nov. 18, 1975  | .083               | 37.3    |
| Sept. 1, 1976  | Dry                | Dry     |

E. Culvert Spring at mouth

| Date           | ft <sup>3</sup> /s | gal/min |
|----------------|--------------------|---------|
| July 9, 1975   | -                  | 13.3    |
| Aug. 7, 1975   | -                  | 12.0    |
| Sept. 16, 1975 | -                  | 7.5     |
| Oct. 9, 1975   | -                  | 5.6     |
| Nov. 18, 1975  | -                  | 5.4     |
| Jan. 22, 1976  | -                  | 12.5    |
| Sept. 1, 1976  | -                  | 5.2     |

F. Tijeras Creek above Seven Springs

| Date          | ft <sup>3</sup> /s | gal/min |
|---------------|--------------------|---------|
| July 9, 1975  | 1.370              | 618.9   |
| Oct. 9, 1975  | .367               | 164.7   |
| Nov. 18, 1975 | .329               | 147.7   |

G. Seven Springs at mouth

| Date           | ft <sup>3</sup> /s | gal/min |
|----------------|--------------------|---------|
| July 9, 1975   | -                  | 6.0     |
| Aug. 7, 1975   | -                  | 9.2     |
| Sept. 15, 1975 | -                  | 10.0    |
| Oct. 9, 1975   | -                  | 10.0    |
| Nov. 18, 1975  | -                  | 9.2     |
| Jan. 22, 1976  | -                  | 10.0    |

H. Tijeras Creek below Seven Springs

| Date          | ft <sup>3</sup> /s | gal/min |
|---------------|--------------------|---------|
| July 9, 1975  | 1.446              | 649.0   |
| Oct. 9, 1975  | .628               | 281.9   |
| Nov. 18, 1975 | .585               | 262.6   |
| Jan. 22, 1976 | 1.548              | 694.8   |
| May 21, 1976  | .961               | 431.3   |

## Ground-water measurements

Hydrographs of the observation wells on the slopes above the canyon floor show large daily and seasonal fluctuations due to normal pumpage of domestic wells, indicating low permeability and low storage.

The water levels in wells on or near the canyon floor are affected by the flow and stage of Tijeras Creek. The mounding of ground water as bank storage during periods of high stage causes the water levels to rise. Recharge on the slopes above the canyon floor also causes rises in water levels of wells on the canyon floor.

Wells that are outside the direct influence of the creek but still finished in valley fill are recharged primarily from seepage of precipitation on the canyon slopes. During periods of heavy precipitation, groundwater builds up in this area due to increased recharge and decreased pumpage. The groundwater gradually discharges into the creek as small seeps and springs. Evidence of a seasonal fluctuation can be seen in the well hydrographs. The magnitude of this seasonal fluctuation is related to the amount and intensity of the precipitation and subsequent flow of Tijeras Creek and its tributaries.

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico

Well depth: 70R indicates reported well depth of 70 feet below land surface.

Water level: 25R indicates reported water level of 25 feet below land surface; \*, additional water level measurements available at U. S. Geological Survey office in Albuquerque, New Mexico.

Pump type: The following letters indicate the type of pump: J, jet; S, submersible; P, piston; T, turbine; N, none.

Power type: The following letters indicate the source of power: E, electric; H, hand; W, wind; N, none.

Use of well: The use of the water is indicated by the following symbols: D, domestic; Ind, industrial; Irr, irrigation; O, observation; S, stock; U, unused; M, Municipal; C, Commercial.

Remarks: Remarks reflect conditions at time of well inventory during this study unless otherwise noted.

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                     |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|---------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                             |
| 10N. 4E.25.31342   | Spear Cross Ranch                            | 1955              | 7                              | -                       | 10.47                                 | 9-15-72          | J            | E             | S-D               | -                                           |
| 25.34111           | C. H. Carder                                 | 1965              | 6                              | 75                      | 25R                                   | 12- 1-72         | J            | E             | D                 | Pipeline under creek to house.              |
| 25.41344           | John A. Garcia                               | 1953              | -                              | 75                      | 20.24*                                | 9-15-72          | J            | E             | D                 | Well supplies two houses; observation well. |
| 25.41431           | Timmy Gutierrez                              | 1954              | -                              | 90                      | 29.12                                 | 9-15-72          |              | E             | D                 | -                                           |
| 25.41432           | Roman Garcia                                 | 1957              | -                              | 110                     | -                                     | -                | J            | E             | D                 | Well in construction right-of-way.          |
| 25.41441           | Emiliano Vigil                               | 1954              | -                              | 80                      | -                                     | -                | S            | E             | D                 | -                                           |
| 25.4222A           | Chaves                                       | -                 | -                              | -                       | -                                     | -                | -            | -             | D                 | No information about well.                  |
| 25.42243           | Augustin Herrera                             | 1957              | -                              | 150                     | -                                     | -                | J            | E             | D                 | Supplies two houses.                        |
| 25.42243           | Alvino Garcia                                | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                           |
| 25.42323           | Joseph D. Duran                              | 1948              | -                              | 100                     | -                                     | -                | J            | E             | D                 | Well in construction right-of-way.          |
| 25.42333           | Daniel H. Garcia                             | -                 | -                              | 65                      | -                                     | -                | J            | E             | D                 | Do.                                         |
| 25.43123A          | Delfinia Garcia                              | -                 | 20                             | 15                      | 4.00                                  | 9-15-72          | J            | E             | D                 | Dug well in creek bottom.                   |
| 25.43123           | Bill Barnes                                  | -                 | 7                              | 15                      | -                                     | -                | J            | E             | D                 | Do.                                         |
| 25.43212           | Joe D. Herrera                               | 1953              | -                              | 75                      | -                                     | -                | J            | E             | D                 | -                                           |



Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                                                           |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|-----------------------------------------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FFET) | DATE<br>MEASURED |              |               |                   |                                                                                   |
| 10N. 4E. 25.43212A | Catholic Church                              | -                 | -                              | 80                      | -                                     | -                | S            | E             | U                 | Casing and pump below land surface.                                               |
| 25.43313           | Fermin Garcia                                | 1951              | -                              | 98                      | 75R                                   | 9-15-72          | S            | E             | D                 | Well supplies two houses.                                                         |
| 25.43331           | Filomena Garcia                              | 1954              | -                              | 98                      | 75R                                   | 9-15-72          | S            | E             | D                 | Supplies two houses.                                                              |
| 10N. 4½E. 24.334   | Fred C. Fach                                 | -                 | -                              | 105                     | 97.57                                 | 8-30-72          | S            | E             | M                 | Well supplies water system to houses in Echo Canyon.                              |
| 24.334A            | Fred C. Fach                                 | 1972              | 7                              | 210                     | 115.68                                | 8-30-72          | S            | E             | M                 | Do.                                                                               |
| 24.343             | V. Sacks                                     | 1968              | -                              | 149                     | -                                     | -                | S            | E             | D                 | -                                                                                 |
| 25.1113            | Fach Spring                                  | -                 | -                              | -                       | flowing                               | -                | N            | N             | U                 | Has concrete and rock crib; 3/4 inch pipe outlet.                                 |
| 25.11231           | Fred C. Fach                                 | 1946              | 6                              | 90                      | 60R                                   | 8-30-72          | S            | E             | D                 | -                                                                                 |
| 25.11242           | Robert Critchfield                           | 1969              | 4                              | 160                     | 40R                                   | 8-30-72          | S            | E             | D                 | Casing and pump below land surface.                                               |
| 25.11322           | Fifer                                        | -                 | -                              | 100                     | -                                     | -                | S            | E             | D                 | Do.                                                                               |
| 25.11343           | Don Ashbaugh                                 | 1968              | 6                              | 88                      | -                                     | -                | S            | E             | D                 | Do.                                                                               |
| 25.1143B           | T. O. Murray                                 | -                 | 9                              | 99                      | 77.23*                                | 7-30-72          | J            | E             | D                 | Observation well; supplies water to apartment house; sample analysed for nitrate. |
| 25.13131           | Geo. Torres                                  | 1950              | -                              | 80                      | -                                     | -                | S            | E             | D                 | -                                                                                 |
| 25.13134           | Robert Jenkins                               | -                 | -                              | 325                     | -                                     | -                | J            | E             | D                 | -                                                                                 |
| 25.13233           | Nick Garcia                                  | 1960              | -                              | -                       | -                                     | -                | S            | E             | D                 | -                                                                                 |
| 25.13323           | W. F. Meyer                                  | 1950              | -                              | 65                      | -                                     | -                | S            | E             | D                 | Well casing below land surface.                                                   |
| 25.13331           | Jacobito Garcia                              | -                 | -                              | 80                      | 36.63*                                | 9-14-62          | S            | E             | D                 | Observation well.                                                                 |
| 25.13333           | Joe Padilla                                  | 1959              | -                              | -                       | -                                     | -                | S            | E             | D                 | No information about well.                                                        |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER     | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                         |
|------------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|-------------------------------------------------|
|                        |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                                 |
| 10N. 4 1/2 E. 25.13334 | Crespin Garcia                               | -                 | -                              | 80                      | -                                     | -                | P            | H             | D                 | -                                               |
| 25.13323               | Andy Garcia                                  | 1960              | -                              | 80                      | -                                     | -                | S            | E             | D                 | Supplies three houses.                          |
| 25.1441                | Fina Service Station                         | -                 | -                              | -                       | -                                     | -                | J            | E             | C                 | Well under concrete gas pump island; no access. |
| 25.23121               | Rosendo Garcia                               | -                 | 6                              | 95                      | -                                     | -                | S            | E             | D                 | Casing and pump buried.                         |
| 25.23134               | Domingo Garcia                               | 1947              | 8                              | 110                     | 100R                                  | 8-30-72          | J            | E             | D                 | Supplies three houses.                          |
| 25.23143               | Leo Garcia                                   | 1955              | 12                             | 100                     | -                                     | -                | S            | E             | D                 | Supplies four houses.                           |
| 25.23143               | Ysidro Garcia                                | -                 | 7                              | -                       | 51.28                                 | 8-29-72          | J            | E             | D                 | -                                               |
| 25.23221               | Jo Lon Land Co.                              | 1972              | 6                              | -                       | 58.47                                 | 8-29-72          | S            | E             | D                 | Plastic casing.                                 |
| 25.23223               | John Martinez                                | 1965              | 6                              | 80                      | -                                     | -                | S            | E             | D                 | -                                               |
| 25.23231               | A. Lovato                                    | 1971              | -                              | 160                     | -                                     | -                | S            | E             | D                 | -                                               |
| 25.233413              | Herman Garcia                                | 1965              | 7                              | 85                      | -                                     | -                | S            | E             | D                 | -                                               |
| 25.23432               | Augustin Griego                              | -                 | 6                              | 65                      | -                                     | -                | P            | H             | D                 | -                                               |
| 25.23434               | Tomas Garcia                                 | -                 | -                              | 82                      | -                                     | -                | P            | H             | D                 | -                                               |
| 25.23441               | Andres Garcia                                | 1955              | 9                              | 100                     | 33.55                                 | 9-13-72          | J            | E             | D                 | Supplies two houses.                            |
| 25.23444               | Manuel Griego                                | 1954              | 10                             | 54                      | 21.92                                 | 9-13-72          | P            | H             | D                 | Well in construction right-of-way.              |
| 25.24143               | Glen Little                                  | 1964              | -                              | 89                      | -                                     | -                | N            | N             | U                 | Do.                                             |
| 25.24223               | R. O. Martinez                               | 1970              | -                              | 300                     | 75.47*                                | 8-29-72          | S            | E             | D                 | Observation well.                               |
| 25.24233               | M. W. Mahoney                                | -                 | 8                              | -                       | -                                     | -                | J            | E             | D                 | -                                               |
| 25.24413               | Henry Garcia                                 | 1961              | -                              | 63                      | 40R                                   | 1961             | S            | E             | D                 | Casing and pump below land surface.             |
| 25.24414               | Lorenzo Garcia                               | 1956              | -                              | 85                      | -                                     | -                | J            | E             | D                 | -                                               |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER  | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                            |
|---------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|----------------------------------------------------|
|                     |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                                    |
| 10N. 4½E. 25. 24432 | Phil Garcia                                  | 1953              | -                              | 105                     | -                                     | -                | S            | E             | D                 | -                                                  |
| 25. 41221           | Ranundo Garcia                               | -                 | -                              | 72                      | -                                     | -                | P            | H             | D                 | -                                                  |
| 25. 41334           | Ramon Garcia                                 | 1973              | 6                              | 365                     | -                                     | -                | S            | E             | D                 | Wells are hooked in tandem.                        |
| 25. 41341           | Ramon Garcia                                 | 1973              | 6                              | 200                     | -                                     | -                | S            | E             | D                 |                                                    |
| 25. 43214           | Jose Garcia                                  | 1969              | 6                              | 115                     | 90R                                   | 8-30-72          | S            | E             | D                 | -                                                  |
| 25. 43232           | Bernie Caldwell                              | 1968              | -                              | 85                      | -                                     | -                | P            | H             | D                 | -                                                  |
| 10N. 5E. 11. 43213  | Paul Sonder                                  | 1950              | -                              | 140                     | 90R                                   | 1959             | J            | E             | D                 | Supplies two houses.                               |
| 11. 44422           | Andres Griego                                | -                 | 7                              | 100                     | 33.15*                                | 8-24-72          | S            | E             | D                 | Water sample has slight odor;<br>observation well. |
| 12. 23134           | T. W. Moody                                  | 1961              | 6                              | 403                     | 85R                                   | 8-24-72          | S            | E             | D                 | -                                                  |
| 12. 24441           | Jack King                                    | 1970              | 7                              | 140                     | 99.20                                 | 8-23-72          | S            | E             | D                 | -                                                  |
| 12. 34212           | Robert Padilla                               | 1971              | 6                              | 100                     | 40.95                                 | 8-24-72          | S            | E             | D                 | Supplies several homes.                            |
| 12. 34233           | Henry Ortiz                                  | 1964              | 6                              | 166                     | 45.53                                 | 8-28-72          | S            | E             | D                 | -                                                  |
| 12. 34241           | Jose Martinez                                | -                 | -                              | 22                      | 17.09                                 | 8-24-72          | N            | N             | D                 | Dug well, uses rope and<br>bucket.                 |
| 12. 34312           | State Highway<br>Department                  | -                 | 4½                             | 390                     | 46.70                                 | 6-13-72          | N            | N             | O                 | Zamora observation recorder<br>well.               |
| 12. 41134           | Jose Jinzo                                   | 1971              | 6                              | 225                     | 25.17                                 | 7-21-75          | S            | E             | D                 | Measured well depth 90 feet;<br>sample cloudy.     |
| 12. 41141           | Bruce M. Taylor                              | -                 | 7                              | -                       | 46.66                                 | 8-24-72          | S            | E             | D                 | -                                                  |
| 12. 41244           | S. D. Antoni                                 | -                 | 7                              | -                       | 99.08                                 | 8-24-72          | S            | E             | D                 | -                                                  |
| 12. 41322           | James Schwiner                               | 1958              | -                              | 156                     | -                                     | -                | S            | E             | D                 | -                                                  |
| 12. 41324           | Charles Sutton                               | -                 | -                              | 300                     | -                                     | -                | S            | E             | U                 | -                                                  |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                 |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|-----------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                         |
| 10N. 5E.12.41331   | Buster Leck                                  | 1960              | 7                              | 185                     | 60R                                   | 8-24-72          | S            | E             | S-D               | -                                       |
| 12.41334           | W. E. Price                                  | -                 | 7                              | 135                     | 62.95*                                | 8-24-72          | S            | E             | D                 | Observation well.                       |
| 12.41342           | J. L. West                                   | -                 | -                              | 135                     | -                                     | -                | S            | E             | D                 | Casing below land surface.              |
| 12.42312           | Diego Castillo                               | -                 | 6                              | 145                     | 101.59                                | 8-23-72          | S            | E             | D                 | -                                       |
| 12.42213           | Ken Burkhardt                                | -                 | -                              | 120                     | -                                     | -                | S            | E             | D                 | Casing below land surface.              |
| 12.42314           | Jesus Griego                                 | 1959              | -                              | 180                     | 112.70                                | 8-23-70          | S            | E             | D                 | Supplies three houses.                  |
| 12.42332           | Ruben Griego                                 | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | No information about well.              |
| 12.43114           | Rey Garcia                                   | 1972              | -                              | 42                      | 41.24                                 | 8-24-72          | N            | N             | U                 | Dug well.                               |
| 12.43123           | E. M. Blake                                  | -                 | -                              | 80                      | -                                     | -                | S            | E             | D                 | -                                       |
| 12.43124           | C. S. Lurie                                  | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | -                                       |
| 12.43141           | Jose Martinez                                | -                 | 8                              | 300                     | 175R                                  | 8-24-72          | J            | E             | D                 | -                                       |
| 12.43144           | Pablo Garcia                                 | -                 | -                              | 75                      | -                                     | -                | S            | E             | D                 | Casing below land surface.              |
| 12.43224           | Antonio Jinzo                                | 1950              | -                              | 75                      | -                                     | -                | S            | E             | D                 | -                                       |
| 12.43214           | C. S. Lurie                                  | -                 | 6                              | 165                     | 44.93                                 | 8-23-72          | S            | E             | D                 | -                                       |
| 12.4331            | Leo Schmidt                                  | -                 | 6                              | 189                     | -                                     | -                | S            | E             | D                 | -                                       |
| 12.43313           | S. Gutierrez                                 | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | No information about well.              |
| 12.442             | Peter McAtee                                 | -                 | 6                              | -                       | 38.10                                 | -                | N            | N             | U                 | -                                       |
| 12.44243           | B. J. Liston                                 | -                 | -                              | 171                     | 57R                                   | 6-29-72          | S            | E             | D                 | Supplies three houses.                  |
| 12.43244           | Home Oil Co.                                 | -                 | 4                              | 75                      | 37.05*                                | 6-21-72          | N            | N             | O                 | Home Oil Co. observation recorder well. |
| 12.44343           | J. B. Rhodes                                 | -                 | 4                              | -                       | -                                     | -                | J            | E             | D                 | Supplies trailer court.                 |
| 12.44411           | Fred Spacks                                  | -                 | -                              | 110                     | 42.98                                 | 6-29-72          | J            | E             | D                 | -                                       |



Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                           |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|---------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                                   |
| 10N. 5E.12.44414   | Richard Lienemann                            | -                 | 4                              | -                       | -                                     | -                | S            | E             | D                 | No information about well.                        |
| 12.44444           | Jack Beyler                                  | -                 | 6                              | 285                     | -                                     | -                | S            | E             | D                 | Casing below land surface.                        |
| 13.12111           | State Highway<br>Department                  | 1960              | 7                              | 200                     | 22.92*                                | 9-19-72          | J            | E             | D                 | Observation well in Highway<br>Department yard.   |
| 14.1412            | R. E. Church                                 | 1965              | 6                              | 180                     | 153.88*                               | 8-21-72          | J            | E             | D                 | Observation well.                                 |
| 14.2234            | Major C. Luna                                | 1960              | 6                              | 100                     | 48.79                                 | 5-11-73          | S            | E             | D                 | Cased to total depth.                             |
| 14.312             | Lemond David                                 | 1965              | 7                              | 100                     | 45.70                                 | 6-21-72          | S            | E             | D                 | -                                                 |
| 14.314             | L. E. Horner                                 | -                 | 6                              | 120                     | 51.48*                                | 6-21-72          | S            | E             | D                 | Later sold to F. T. Smalley;<br>observation well. |
| 14.3214            | J. R. Johnson                                | -                 | -                              | 197                     | -                                     | -                | S            | E             | D                 | -                                                 |
| 14.3243            | Paul Switzer                                 | -                 | -                              | 170                     | 145.43*                               | 6-22-72          | S            | E             | D                 | Observation well.                                 |
| 14.3244            | Arthur Wilson                                | -                 | 9                              | 155                     | 112.28                                | 6-22-72          | S            | E             | D                 | -                                                 |
| 14.3432            | Senovio Garcia                               | -                 | -                              | 18                      | 12.08                                 | 6-22-72          | J            | E             | D                 | Dug well.                                         |
| 14.3442            | Pat Garcia                                   | -                 | 9                              | 100                     | 39.79                                 | 6-23-72          | J            | E             | D                 | -                                                 |
| 14.3423            | Modesto Garcia                               | -                 | 6                              | -                       | -                                     | -                | J            | E             | D                 | -                                                 |
| 14.3444            | Pat Garcia                                   | -                 | 9                              | -                       | 50.56                                 | 6-23-72          | N            | N             | U                 | -                                                 |
| 14.4123            | Creseciano Garcia                            | 1972              | 7                              | -                       | 32.60                                 | 6-22-72          | S            | E             | D                 | -                                                 |
| 14.4313            | Ken Cahill                                   | 1967              | 6                              | 90                      | 36.62                                 | 9-18-75          | S            | E             | D                 | -                                                 |
| 15.331             | Tony Guenko                                  | -                 | -                              | -                       | flowing                               | 6-22-72          | N            | N             | D<br>Irr          | Carlito Spring flow estimated<br>at 20 gal/min.   |
| 15.43213           | A. Sandersailer                              | 1965              | -                              | 185                     | -                                     | -                | S            | E             | D                 | Casing below land surface.                        |
| 15.43232           | James Sweet                                  | 1964              | -                              | 160                     | -                                     | -                | S            | E             | D                 | Do.                                               |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                                        |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|----------------------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                                                |
| ION. 5E.15.4334    | S. F. Gullo                                  | -                 | 6                              | 300                     | 178.34*                               | 7-21-72          | S            | E             | D                 | Observation well; estimated<br>yield at 12 to 15 gal/min.      |
| 19.114             | H. K. Riddle                                 | -                 | 6                              | 80                      | 70R                                   | 8-29-72          | S            | E             | U                 | -                                                              |
| 19.32334           | Ken Umberson                                 | -                 | -                              | 185                     | -                                     | -                | J            | E             | D                 | -                                                              |
| 19.32334           | T. E. Smart                                  | 1970              | 9                              | 120                     | 72.70                                 | 8-29-72          | S            | E             | D                 | -                                                              |
| 19.3233rA          | T. E. Smart                                  | 1953              | -                              | 90                      | -                                     | -                | J            | E             | D                 | -                                                              |
| 19.32444           | A. Bullard                                   | -                 | 6                              | -                       | -                                     | -                | S            | E             | D                 | -                                                              |
| 19.34114           | J. H. Wilson                                 | 1962              | 6                              | 287                     | 104.05                                | 6-30-72          | S            | E             | D                 | -                                                              |
| 19.34121           | Dale Stout                                   | -                 | 7                              | 137                     | 36.70*                                | 6-30-72          | S            | E             | D                 | Observation well.                                              |
| 19.34243           | Lloyd Minor                                  | 1964              | -                              | 120                     | -                                     | -                | S            | E             | D                 | -                                                              |
| 19.34244           | M. H. Hill                                   | 1965              | -                              | 125                     | .                                     | -                | S            | E             | D                 | Casing below land surface.                                     |
| 19.34434           | C. T. Carlberg                               | -                 | 8                              | 118                     | -                                     | -                | S            | E             | D                 | -                                                              |
| 19.43331           | Byron Elerick                                | 1970              | -                              | 135                     | -                                     | -                | S            | E             | D                 | -                                                              |
| 19.43334           | V. A. Harris                                 | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | -                                                              |
| 19.43344           | J. W. Oliver                                 | -                 | 6                              | 150                     | -                                     | -                | S            | E             | D                 | Casing below land surface.                                     |
| 19.44314           | Tom Herrera                                  | 1962              | 7                              | 62                      | 30R                                   | 9-11-72          | J            | E             | D-S               | -                                                              |
| 21.200             | Jan Moore                                    | -                 | -                              | -                       | flowing                               | 6-11-73          | N            | N             | D<br>Irr          | Supplies three houses; spring<br>flow estimated at 25 gal/min. |
| 21.230             | Carnue Grant                                 | 1974              | 7                              | 240                     | 97.20                                 | 10- 4-74         | N            | N             | U                 | -                                                              |
| 21.24411           | Tomas Gonzales                               | 1930              | -                              | 31                      | 27R                                   | 9-27-72          | S            | E             | D                 | Dug well; well is in highway<br>construction right-of-way.     |
| 21.41241           | Seven Springs                                | -                 | -                              | -                       | flowing                               | 7- 8-75          | N            | N             | U                 | Flowing 6 gal/min from<br>1½ inch plastic pipe.                |
| 22.13421           | H. V. Hayes                                  | -                 | -                              | -                       | 30.86                                 | 6-28-72          | J            | E             | D                 | Supplies several houses.                                       |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                       |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|-----------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                               |
| 10N. 5E. 22.13422  | Carlos Ulibarri                              | -                 | -                              | 60                      | 33.77                                 | 6-28-72          | J            | E             | D                 | -                                             |
| 22.14314           | L. V. Bebermyer                              | -                 | -                              | -                       | 80.60                                 | 6-28-72          | S            | E             | D                 | Supplies two houses,                          |
| 22.14311           | Mike Holt                                    | -                 | 7                              | -                       | 42.50                                 | 6-28-72          | J            | E             | D                 | -                                             |
| 22.14321           | State Highway<br>Department                  | -                 | 4                              | -                       | 57.82                                 | 6-27-72          | N            | N             | U                 | -                                             |
| 22.14322           | S. Francisco<br>Sanchez                      | -                 | 4                              | 156                     | 65.55                                 | 6-27-72          | S            | E             | D                 | -                                             |
| 22.14323           | State Highway<br>Department                  | 1972              | 3                              | 84                      | 57.78*                                | 9-13-72          | N            | N             | O                 | Tijeras observation<br>recorder well.         |
| 22.21322           | Jack Cowan                                   | -                 | 7                              | 180±                    | -                                     | -                | S            | E             | D                 | -                                             |
| 22.21233           | Howard Paquin                                | -                 | -                              | 300                     | 178.19                                | 6-27-72          | S            | E             | D                 | -                                             |
| 22.21324           | Willard Hager                                | -                 | 6                              | 220                     | 162.65                                | 6-27-72          | S            | E             | D                 | -                                             |
| 22.21333           | E. A. Schmuck                                | -                 | -                              | 140                     | 49.95*                                | 6-27-72          | S            | E             | D                 | Observation well.                             |
| 22.21342           | Edwin Flynna                                 | -                 | 6                              | 216                     | 143.66                                | 6-27-72          | S            | E             | D                 | -                                             |
| 22.22313           | W. G. Winch                                  | -                 | 6                              | -                       | 77.20*                                | 6-27-72          | S            | E             | D                 | Observation well.                             |
| 22.23131           | Brian Johnson                                | -                 | 6                              | -                       | 163.79*                               | 6-27-72          | S            | E             | D                 | Later sold to Atchinson;<br>observation well. |
| 22.232141          | Edward Cocoa                                 | 1973              | 6                              | 140                     | 85.58                                 | 8- 1-73          | S            | E             | D                 | -                                             |
| 22.23314           | Arturo Martinez                              | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                             |
| 22.23321           | A. Griego                                    | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | -                                             |
| 22.24421           | Roman Griego                                 | 1958±             | 6                              | 125                     | -                                     | -                | J            | E             | D                 | -                                             |
| 22.23324           | Tijeras Post Office                          | -                 | 7                              | 100±                    | 33.11*                                | 6-27-72          | S            | E             | D                 | Observation well.                             |
| 22.23332           | Salamon Ruiz                                 | -                 | 8                              | 92                      | 48.24                                 | 6-27-72          | S            | E             | D                 | -                                             |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS            |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|--------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                    |
| 10N. 5E. 22.23341  | James Carmody                                | -                 | 6                              | 80                      | 33.82                                 | 6-27-72          | N            | N             | U                 | -                  |
| 22.22343           | Willard Neese                                | 1955              | 7                              | 80±                     | 20.07                                 | 6-27-72          | J            | E             | D                 | -                  |
| 22.23414           | W. C. Bogard                                 | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                  |
| 22.2342            | Macedonia Chavez                             | -                 | -                              | -                       | 47.72                                 | 6-28-72          | S            | E             | D                 | -                  |
| 22.23421           | Vincent Vichi                                | 1949              | 7                              | 85                      | 47.06                                 | 6-26-72          | J            | E             | D                 | -                  |
| 22.2422            | Tomas Gonzales                               | -                 | 5                              | 148                     | 57.80                                 | 6-23-72          | S            | E             | U                 | -                  |
| 22.2432            | Tijeras Baptist<br>Church                    | -                 | 9                              | -                       | 20.54                                 | 6-23-72          | J            | E             | D                 | -                  |
| 22.2443            | Phil Cravens                                 | -                 | 10                             | -                       | 46.18                                 | 5-23-72          | J            | E             | D                 | -                  |
| 22.32241           | A. Montoya School                            | -                 | 6                              | 200±                    | 26.50                                 | 6-26-72          | S            | E             | P                 | Supplies school.   |
| 22.41221           | Ken Dunnagan                                 | -                 | 6                              | -                       | -                                     | -                | J            | E             | D                 | -                  |
| 22.41223           | Don M. Conner                                | -                 | 4                              | 90                      | -                                     | -                | J            | E             | D                 | -                  |
| 22.41224           | Tijeras Manufactur-<br>ing Co.               | -                 | 7                              | -                       | 20.62                                 | 6-26-62          | S            | E             | D                 | -                  |
| 22.41243           | Don Ward & Co.                               | -                 | 6                              | -                       | -                                     | -                | S            | E             | D                 | -                  |
| 22.4131            | Ideal Cement Plant                           | 1959              | 6                              | 1,103                   | -                                     | -                | T            | E             | Ind               | Artesian well.     |
| 22.41311           | A. Montoya School                            | -                 | 7                              | -                       | -                                     | -                | T            | E             | P                 | For emergency use. |
| 22.4212            | Phil Cravens                                 | -                 | 6                              | 90                      | 18.66*                                | 6-23-72          | J            | E             | D                 | Observation well.  |
| 22.42323           | D. Bonder                                    | -                 | -                              | 100                     | -                                     | -                | J            | E             | D                 | -                  |
| 22.42324           | C. R. Schilling                              | -                 | -                              | 89                      | -                                     | -                | J            | E             | D                 | -                  |
| 22.42332           | George Nuñez                                 | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                  |
| 22.42333           | Mrs. J. A. Nuñez                             | -                 | 4                              | 80                      | 47.05                                 | 6-26-72          | J            | E             | D                 | -                  |
| 22.42433           | R. L. Miller                                 | -                 | 8                              | 68                      | 41.82                                 | 6-26-72          | J            | E             | D                 | -                  |



Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                                                                 |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|-----------------------------------------------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                                                                         |
| 10N. 5E. 22.4333   | Ideal Cement Plant                           | -                 | 6                              | 1,146                   | -                                     | -                | S            | E             | Ind               | Artesian well; reported<br>to flow.                                                     |
| 23.11243           | Seledon Jaramillo                            | -                 | -                              | 32                      | 20.53                                 | 6-28-72          | J            | E             | D                 | Dug well.                                                                               |
| 23.1213            | Dugan Guest                                  | 1972              | 8 5/8                          | 65                      | 37.25                                 | 6-22-72          | S            | E             | D                 | -                                                                                       |
| 23.12121           | Mrs. Manuelita<br>Gonzales                   | 1932              | -                              | 24                      | 23.39                                 | 6-28-72          | J            | E             | D                 | Dug well.                                                                               |
| 23.12131           | Dugan Guest                                  | -                 | 6                              | 65                      | 33.19*                                | 10- 2-72         | S            | E             | D                 | Observation well.                                                                       |
| 23.1214            | Jack G. Armenta                              | -                 | -                              | 33                      | 34.35                                 | 6-22-72          | J            | E             | D                 | Dug well.                                                                               |
| 23.1223            | Pat White                                    | -                 | 6                              | 100                     | 45.65                                 | 6-21-72          | J            | E             | D                 | -                                                                                       |
| 23.1232            | Virginia Armenta                             | -                 | 5                              | 75                      | 31.85                                 | 6-23-72          | J            | E             | D                 | -                                                                                       |
| 23.1232            | Evarista Gonzales                            | -                 | 6                              | -                       | 36.94                                 | 6-23-72          | S            | E             | D                 | -                                                                                       |
| 23.1312            | Holy Child Parish                            | 1971              | -                              | 95                      | 47.23*                                | 6-23-72          | S            | E             | D                 | Observation well.                                                                       |
| 23.1322            | Molly & Tony's Bar                           | -                 | 7                              | 65                      | 26.76                                 | 6-23-72          | J            | E             | D                 | -                                                                                       |
| 23.3313            | U.S. Forest Service                          | -                 | 8 5/8                          | -                       | 1.30                                  | 6-26-72          | S            | E             | D                 | Artesian well.                                                                          |
| 29.11312           | Robert Bruce<br>Hertzler                     | -                 | 5                              | 80                      | 48.92*                                | 6-28-72          | S            | E             | D-S               | Observation well.                                                                       |
| 30.11222           | Dina Riddle                                  | 1969              | -                              | 165                     | -                                     | -                | S            | E             | D                 | -                                                                                       |
| 30.11441           | H. K. Riddle                                 | 1966              | 4 1/2                          | 200                     | -                                     | 8-29-72          | S            | E             | D                 | Pumping water level reported<br>at 60 feet below land<br>surface; supplies 15 families. |
| 30.12113           | Dina Riddle                                  | 1946              | -                              | 185                     | 88.33                                 | 8-29-72          | S            | E             | D-S               | -                                                                                       |
| 30.12141           | Dr. Smith                                    | 1955              | -                              | 105                     | -                                     | -                | S            | E             | D                 | -                                                                                       |
| 30.12142           | Ken Umberson                                 | -                 | -                              | -                       | -                                     | -                | P            | W             | -                 | No information about well.                                                              |
| 30.1221            | Jim Volkman                                  | 1974              | 6                              | 108                     | 38.72                                 | 7-30-75          | S            | E             | D                 | -                                                                                       |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                          |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|----------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                  |
| 10N. 5E. 30.12222  | M. D. Jerdee                                 | 1940's            | 8                              | 145                     | -                                     | -                | S            | E             | D                 | No information about well.       |
| 30.12233           | Dr. Paul Smith                               | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                |
| 30.12341           | C. B. Saunders                               | 1946              | -                              | 80                      | -                                     | -                | P            | E             | D                 | For motel use.                   |
| 30.12343           | C. B. Saunders                               | 1956              | -                              | 110                     | -                                     | -                | -            | -             | D                 | No information about well.       |
| 30.12424           | Esther Benvenisti                            | 1957              | 7                              | 115                     | -                                     | -                | J            | E             | D                 | -                                |
| 30.12434           | Ken Umberson                                 | -                 | -                              | -                       | -                                     | -                | P            | P             | U                 | -                                |
| 30.12434           | Ken Umberson                                 | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                |
| 30.13232           | Yessio Marks                                 | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                |
| 30.13241           | James R. Kennedy                             | 1960              | -                              | 80                      | -                                     | -                | S            | E             | D                 | Well head below land<br>surface. |
| 30.13322           | Gilbert Gutierrez                            | 1952              | -                              | 70                      | -                                     | -                | S            | E             | D                 | -                                |
| 30.13323           | Emilio Garcia                                | 1946              | -                              | 204                     | 57R                                   | 9-12-72          | S            | E             | D                 | -                                |
| 30.13341           | Emilio Garcia                                | 1962              | -                              | 125                     | 36.91                                 | 9-12-72          | S            | E             | D                 | -                                |
| 30.13421           | Roman Francia                                | 1962              | 7                              | 69                      | 29.66                                 | 9-12-72          | S            | E             | D                 | -                                |
| 30.13422           | Willy Martinez                               | -                 | -                              | 75                      | -                                     | -                | S            | E             | D                 | -                                |
| 30.13423           | Erminio Garcia                               | 1969              | -                              | 72                      | -                                     | -                | S            | E             | D                 | -                                |
| 30.13434           | R. Sprau                                     | 1957              | -                              | 125                     | -                                     | -                | S            | E             | D                 | -                                |
| 30.13441           | R. Sprau                                     | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                |
| 30.14134           | Joe T. Griego                                | 1969              | -                              | 105                     | -                                     | -                | S            | E             | D                 | -                                |
| 30.14141           | Susie Herrera                                | -                 | -                              | 100±                    | -                                     | -                | J            | E             | D                 | -                                |
| 30.14312           | Richard Garcia                               | 1970              | -                              | 85                      | -                                     | -                | S            | E             | D                 | -                                |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                            |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                    |
| 10N. 5E. 30.14312  | Tomas Griego                                 | 1962              | -                              | 85                      | -                                     | -                | J            | E             | D                 | -                                  |
| 30.14322           | Richard Saiz                                 | 1970              | 7                              | 102                     | 66.36                                 | 9- 6-72          | S            | E             | D                 | -                                  |
| 30.14323           | Nate Jaramillo                               | 1957              | -                              | 85                      | 58.94                                 | 9- 8-72          | J            | E             | D                 | -                                  |
| 30.14324           | Eloy Jaramillo                               | 1957              | -                              | -                       | 59.39                                 | 9- 6-72          | S            | E             | D                 | -                                  |
| 30.14332           | H. N. Garcia                                 | -                 | -                              | 100±                    | 32.89*                                | 9-11-72          | S            | E             | D                 | Observation well.                  |
| 30.14331           | Anerico Gonzales                             | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                  |
| 30.14333           | Eddie Frarcia                                | -                 | 7                              | -                       | -                                     | -                | S            | E             | D                 | -                                  |
| 30.14341           | Nate Jaramillo                               | 1950              | -                              | 82                      | 48.39                                 | 9- 8-72          | S            | E             | D                 | -                                  |
| 30.14431           | Phil Griego                                  | 1960              | 7                              | -                       | -                                     | -                | J            | E             | D                 | -                                  |
| 30.2114            | Karen McKnight                               | -                 | -                              | 120+                    | -                                     | -                | P            | E             | D                 | -                                  |
| 30.21132           | Frank Moon                                   | 1969              | 6                              | 125                     | 90.76                                 | 6-29-72          | S            | E             | D                 | -                                  |
| 30.21134           | Frank Moon                                   | 1969              | 6                              | 96                      | 85.42*                                | 6-29-72          | S            | E             | D                 | Observation well.                  |
| 30.21231           | Frank Nieto                                  | 1955              | 7                              | 110                     | 67.76                                 | 6-29-72          | J            | E             | D                 | -                                  |
| 30.21233           | F. Otero                                     | 1964              | 5                              | 164                     | -                                     | -                | S            | E             | D                 | -                                  |
| 30.21232           | Frank Nieto                                  | 1959              | 7                              | 130                     | 73.60                                 | 6-29-72          | J            | E             | D                 | -                                  |
| 30.21411           | Rosa Herrera                                 | -                 | 7                              | 100                     | 53.74                                 | 6-29-72          | J            | E             | D                 | -                                  |
| 30.21412           | Grace S. Simpson                             | -                 | 8                              | 115                     | 54.80                                 | 6-28-72          | J            | E             | D                 | -                                  |
| 30.21413           | Lester Dresser                               | 1971              | -                              | 150                     | 58.95                                 | 6-29-72          | S            | E             | D                 | -                                  |
| 30.21413           | Alejandro Herrera                            | 1932              | 30                             | 60±                     | 54.89                                 | 6-29-72          | J            | E             | D                 | Dug well; culvert pipe for casing. |
| 30.21414           | M. L. Griego                                 | 1962              | 10                             | 95                      | 63.10                                 | 6-28-72          | S            | E             | D                 | -                                  |
| 30.21434           | James C. Giovanetto                          | 1936              | -                              | 68                      | -                                     | -                | J            | E             | D                 | -                                  |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                     |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|---------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                             |
| 10N. 5E.30.22221   | Eddy Gutierrez                               | 1973              | 6                              | -                       | -                                     | -                | S            | E             | D                 | No access to well.                          |
| 30.22241           | Juanito Garcia                               | -                 | 8                              | 60                      | 31.34                                 | 6-29-72          | J            | E             | D                 | -                                           |
| 30.22243           | Mrs. Juanito Garcia                          | -                 | -                              | 58                      | 32R                                   | 6-29-72          | J            | E             | D                 | -                                           |
| 30.22244           | Juanito Garcia                               | -                 | -                              | 140                     | -                                     | -                | S            | E             | D                 | -                                           |
| 30.22332           | Eufino Martinez                              | 1966              | -                              | 100                     | -                                     | -                | S            | E             | D                 | Well head underground.                      |
| 30.22414           | Procopio Garcia                              | 1951              | 8                              | 100                     | 52R                                   | 6-28-72          | S            | E             | D                 | -                                           |
| 30.22422           | Antonio Gonzales                             | 1936              | -                              | 70R                     | -                                     | -                | N            | H             | D                 | Dug well.                                   |
| 30.2312            | W. J. Wiremiller                             | 1974              | 5                              | 180                     | 26.10                                 | 7-30-75          | S            | E             | D                 | Plastic casing.                             |
| 30.2314            | Alfred Ortiz                                 | -                 | 5                              | -                       | 33.51                                 | 7-30-75          | S            | E             | D                 | Do.                                         |
| 30.23143           | Norman Baker                                 | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | -                                           |
| 30.2331            | Howard Martin                                | 1975              | 6                              | 100                     | 21.30                                 | 7-30-75          | S            | E             | D                 | Well supplies two homes;<br>plastic casing. |
| 30.2333            | J. M. Finklestein                            | 1974              | 6                              | 108                     | -                                     | 7-30-75          | S            | E             | D                 | Plastic casing.                             |
| 30.24122           | Robert J. Garcia                             | 1971              | -                              | 100                     | -                                     | -                | S            | E             | D                 | -                                           |
| 30.24124           | Pete Riboni                                  | -                 | -                              | 27±                     | 13.42                                 | 6-29-72          | P            | W             | D                 | Dug well.                                   |
| 30.3111            | Isodora Garcia                               | 1973              | 6                              | 140                     | -                                     | 5-30-73          | S            | E             | D                 | Conductivity 1225, hard water.              |
| 30.14141           | Susie Herrera                                | -                 | -                              | 100±                    | -                                     | -                | J            | E             | D                 | -                                           |
| 30.14312           | Richard Garcia                               | 1970              | -                              | 85                      | -                                     | -                | S            | E             | D                 | -                                           |
| 30.3133            | Jed Wilbanks                                 | 1971              | 6                              | 100                     | 24.59                                 | 7-20-75          | S            | E             | D                 | -                                           |
| 30.32121           | Recita L. Herrera                            | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                           |
| 30.32123           | J. W. Evans                                  | -                 | -                              | -                       | -                                     | -                | -            | E             | D                 | -                                           |
| 30.32141           | Natividad Jaramillo                          | 1965              | -                              | 40                      | -                                     | -                | S            | E             | D                 | -                                           |



Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                        |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                                |
| 10N. 5E. 30.32241  | B. J. Dickson                                | 1971              | 5½                             | 100                     | 20.43*                                | 9- 6-72          | S            | E             | D                 | Observation well.                              |
| 30.32373           | Onesimo Martinez                             | 1963              | -                              | 50                      | -                                     | -                | J            | E             | D                 | -                                              |
| 30.32343           | H. N. Garcia                                 | 1973              | 6                              | 140                     | 22.69                                 | 5-21-73          | S            | E             | D                 | 0-140 feet plastic; 0-50 feet<br>steel casing. |
| 30.32343           | Ruth Herrera                                 | 1961              | -                              | 75                      | -                                     | -                | S            | E             | D                 | -                                              |
| 30.32412           | Margret A. Dickson                           | -                 | 7                              | 50                      | -                                     | -                | S            | E             | D                 | -                                              |
| 30.32413           | Glenn Mauger                                 | -                 | -                              | -                       | -                                     | -                | S            | E             | D                 | -                                              |
| 30.32433           | Dr. Vernon Greenlee                          | -                 | 7                              | -                       | 47.55                                 | 9- 8-72          | J            | E             | D                 | -                                              |
| 30.33212           | Adelicio Herrera                             | -                 | 6                              | -                       | -                                     | -                | S            | E             | D                 | -                                              |
| 30.3322            | James R. Shelton                             | 1971              | 7                              | 100                     | -                                     | -                | S            | E             | D                 | -                                              |
| 30.33224           | "A"                                          | -                 | -                              | -                       | -                                     | -                | -            | E             | D-S               | -                                              |
| 30.33444           | Jack Rupe                                    | -                 | 7                              | -                       | 58.10                                 | 9- 8-72          | S            | E             | D                 | -                                              |
| 30.3412            | Santos Garcia                                | 1974              | 6                              | 150                     | 61.96                                 | 7-30-75          | S            | E             | D                 | -                                              |
| 30.3412            | Paul A. Pizzoli                              | -                 | 7                              | -                       | -                                     | -                | S            | E             | D                 | -                                              |
| 30.14312           | Tomas Griego                                 | 1962              | -                              | 85                      | -                                     | -                | J            | E             | D                 | -                                              |
| 30.14322           | Richard Saiz                                 | 1970              | 7                              | 102                     | 66.36                                 | 9- 6-72          | S            | E             | D                 | -                                              |
| 30.14323           | Nate Jaramillo                               | 1957              | -                              | 85                      | 58.94                                 | 9- 8-72          | J            | E             | D                 | -                                              |
| 30.14324           | Eloy Jar                                     | 1957              | -                              | -                       | 59.39                                 | 9- 6-72          | S            | E             | D                 | -                                              |
| 30.14332           | H. N. Garcia                                 | 1947              | 8 5/8                          | 60                      | 32.89*                                | 9-11-72          | S            | E             | D                 | Observation well.                              |
| 30.14331           | Anerico Gonzales                             | -                 | -                              | -                       | -                                     | -                | J            | E             | D                 | -                                              |
| 30.14333           | Eddie Francia                                | -                 | 7                              | -                       | -                                     | -                | S            | E             | D                 | -                                              |
| 30.14341           | Nate Jaramillo                               | 1950              | -                              | 82                      | 48.39                                 | 9- 8-72          | S            | E             | D                 | -                                              |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP<br>TYPE | POWER<br>TYPE | USE<br>OF<br>WELL | REMARKS                                   |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|--------------|---------------|-------------------|-------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |              |               |                   |                                           |
| 10N. 5E. 30.14431  | Phil Griego                                  | 1960              | 7                              | -                       | -                                     | -                | J            | E             | D                 | -                                         |
| 30.21114           | Karen McKnight                               | -                 | -                              | 120+                    | -                                     | -                | P            | E             | D                 | -                                         |
| 30.21132           | Frank Moon                                   | 1969              | 6                              | 125                     | 90.76                                 | 6-29-72          | S            | E             | D                 | -                                         |
| 30.21134           | Frank Moon                                   | 1969              | 6                              | 96                      | 85.42*                                | 6-29-72          | S            | E             | D                 | Observation well.                         |
| 30.21231           | Frank Nieto                                  | 1955              | 7                              | 110                     | 67.76                                 | 6-29-72          | J            | E             | D                 | -                                         |
| 30.21233           | F. Otero                                     | 1964              | 5                              | 164                     | -                                     | -                | S            | E             | D                 | -                                         |
| 30.21232           | Frank Nieto                                  | 1959              | 7                              | 130                     | 73.60                                 | 6-29-72          | J            | E             | D                 | -                                         |
| 30.21411           | Rosa Herrera                                 | -                 | 7                              | 100                     | 53.75                                 | 6-29-72          | J            | E             | D                 | -                                         |
| 30.21412           | Grace S. Simpson                             | -                 | 8                              | 115                     | 54.80                                 | 6-28-72          | J            | E             | D                 | -                                         |
| 42 30.31231        | Josefita Herrera                             | 1960              | 8 5/8                          | 100                     | 23.89                                 | 9-11-72          | S            | E             | D                 | -                                         |
| 30.34211           | James D. Thomas                              | -                 | 4                              | 72                      | 53.24                                 | 9- 8-72          | J            | E             | D                 | -                                         |
| 30.34211           | Jack Nobel                                   | -                 | 5                              | 100                     | 73.04                                 | 9- 8-72          | S            | E             | D                 | -                                         |
| 10N. 6E. 4.1444    | Joe Serna                                    | -                 | 4 1/2                          | 240                     | 148.08*                               | 6-20-72          | P            | W             | U                 | Observation well.                         |
| 4.4114             | R. J. Martin                                 | 1964              | -                              | 340                     | -                                     | -                | S            | E             | D-S               | Well head below land surface.             |
| 5.14224            | G. F. Good                                   | 1971              | -                              | 369                     | -                                     | -                | S            | E             | D                 | -                                         |
| 5.14423            | F. W. Chamberlain                            | 1970              | 5                              | 280                     | -                                     | -                | S            | E             | D                 | Plastic casing.                           |
| 5.33124            | E. J. Whitmore                               | 1930's            | 7                              | 163                     | 132.35                                | 9-26-72          | S            | E             | D-S               | Poor measurement.                         |
| 5.33231            | State Highway<br>Department                  | 1972              | 3                              | 84                      | 63.98*                                | 9- 6-72          | N            | N             | U                 | Junction recorder; observa-<br>tion well. |
| 5.34334            | W. A. Christi                                | 1968              | 6                              | 149                     | 118.66*                               | 6-20-72          | J            | E             | D                 | Observation well.                         |
| 5.34431            | Willy Moon                                   | -                 | 5                              | 160                     | -                                     | -                | S            | E             | D                 | -                                         |
| 5.43422            | Jack Valenti                                 | -                 | 8 5/8                          | 180                     | 163.05*                               | 8-22-72          | P            | E             | U                 | Observation well.                         |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP POWER<br>TYPE TYPE |   | USE<br>OF<br>WELL | REMARKS                                                       |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|-------------------------|---|-------------------|---------------------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |                         |   |                   |                                                               |
| 10N. 6E. 5.44211   | Jim Dickey                                   | 1956              | -                              | 500                     | -                                     | -                | S                       | E | D                 | -                                                             |
| 5.44212            | D. Border                                    | -                 | 6                              | 350                     | -                                     | -                | S                       | E | D                 | -                                                             |
| 5.44213            | D. Border                                    | -                 | 6                              | -                       | -                                     | -                | N                       | N | U                 | Can get tape down to only 239 feet; well may be caved.        |
| 5.44222            | B. G. Murdock                                | -                 | 6                              | 600                     | 306.10                                | 8-22-72          | S                       | E | D                 | Poor measurement due to falling water level.                  |
| 5.44244            | B. G. Murdock                                | -                 | 6                              | 315                     | 289.09*                               | 8-22-72          | N                       | N | U                 | Observation well.                                             |
| 5.44321            | Chester H. White                             | 1962              | -                              | 200                     | -                                     | -                | P                       | E | D                 | Well has only short joint of casing at top.                   |
| 5.44341            | Mrs. Decker                                  | -                 | -                              | -                       | -                                     | -                | -                       | E | O                 | -                                                             |
| 5.44341            | Paul Smith                                   | -                 | -                              | -                       | -                                     | -                | -                       | - | D                 | No information about well.                                    |
| 5.44413            | Larry Serderhauf                             | -                 | -                              | -                       | -                                     | -                | S                       | E | D                 | Well under concrete block.                                    |
| 5.44433            | Rev. Stanley Waldron                         | 1952              | 4                              | 164R                    | 186.63                                | 10-31-75         | P                       | E | D                 | Pump set at 206 feet; sold to Mr. Tedasco; well deepened.     |
| 5.44441            | Earl Huffman                                 | 1974              | 6                              | 400                     | 158.44                                | 9-11-74          | S                       | E | D                 | Plastic casing, 0-400 feet.                                   |
| 5.44443            | W. M. Heber                                  | 1958              | 4                              | 350                     | -                                     | -                | S                       | E | D                 | -                                                             |
| 7.22244            | Jack Cannon                                  | 1957              | 6                              | 165                     | 12R                                   | 9-19-72          | S                       | E | D                 | -                                                             |
| 7.22344            | Dean Wrecking Co.                            | -                 | 8                              | 190                     | 140+                                  | 6-29-72          | S                       | E | D                 | -                                                             |
| 7.22413            | Don Dean                                     | -                 | 6                              | 150                     | 130.62                                | 6-28-72          | S                       | E | D                 | T. D. measured.                                               |
| 7.23221            | Herman Ardans                                | -                 | -                              | 150                     | -                                     | -                | N                       | N | D                 | Well in construction right-of-way.                            |
| 7.24114            | Pat White                                    | 1951              | 6                              | 148                     | 90+                                   | 6-21-72          | S                       | E | D                 | Poor measurement.                                             |
| 7.31311            | Robert Jones                                 | -                 | 7                              | -                       | -                                     | -                | S                       | E | D                 | -                                                             |
| 7.31421            | Mary Pagnes                                  | -                 | 6                              | 125                     | 79.22                                 | 6-29-72          | S                       | E | D                 | Smells of diesel fuel; locked up, no longer observation well. |

Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Continued

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP POWER<br>TYPE TYPE |   | USE<br>OF<br>WELL | REMARKS                        |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|-------------------------|---|-------------------|--------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |                         |   |                   |                                |
| 10N. 6E. 7.32743   | O. Saiz                                      | 1950              | 6                              | 125+                    | 77.04                                 | 6-29-72          | S                       | E | D                 | -                              |
| 7.32411            | Josefita Saiz                                | -                 | 6                              | 100                     | 35.39                                 | 6-28-72          | J                       | E | D                 | Supplies two houses.           |
| 7.32423            | Richard Saiz                                 | -                 | -                              | -                       | 63.53                                 | 6-28-72          | J                       | E | D                 | -                              |
| 7.32423            | Jesus Garcia                                 | 1958              | 7 5/8                          | 100                     | 74.65                                 | 6-28-72          | J                       | E | D                 | Well pumps dry in few minutes. |
| 7.32424            | Jesus Garcia                                 | 1967              | 6                              | 135                     | 110.75*                               | 6-28-72          | J                       | E | D                 | Observation well.              |
| 7.32431            | Joe Lucero                                   | -                 | -                              | 160                     | 122R                                  | 6-28-72          | J                       | E | D                 | -                              |
| 7.32432            | Elizardo Trujillo                            | 1960              | 6                              | 120                     | -                                     | -                | S                       | E | D                 | -                              |
| 7.33124            | Lustis Lorrge                                | -                 | 6                              | 150                     | -                                     | -                | S                       | E | D                 | -                              |
| 7.34134            | John Finger                                  | -                 | 3                              | 140                     | -                                     | -                | S                       | E | D                 | Well pumps dry after hard use. |
| 7.34221            | Olderco Guttierrez                           | -                 | 6                              | 93                      | 52.69                                 | 6-28-72          | J                       | E | D                 | Deepened from 58 feet.         |
| 7.34222            | Denis Lucero                                 | 1972              | 6                              | 88                      | 40.01*                                | 6-28-72          | J                       | E | D                 | Observation well.              |
| 7.34312            | John Finger                                  | 1972              | 5                              | 195                     | 125R                                  | 6-28-72          | N                       | N | D                 | Not equipped 6-72.             |
| 7.41133            | K.O.A.                                       | 1971              | 6                              | 230                     | -                                     | -                | S                       | E | D                 | Yield 10 gal/min.              |
| 7.42112            | Barry Avner                                  | 1964              | 5                              | 400                     | 177.86*                               | 6- 7-75          | S                       | E | D                 | Observation well.              |
| 8.11123            | G. E. Bowling                                | 1970              | 6                              | 160                     | 192.78                                | 6-21-72          | S                       | E | D                 | -                              |
| 8.21113            | Floyd A. Kunz                                | 1964              | 6                              | 478                     | 229.90                                | 10-25-72         | S                       | E | D                 | -                              |
| 8.21114            | Floyd A. Kunz                                | -                 | -                              | 260                     | -                                     | -                | N                       | N | U                 | Well in covered pit.           |
| 8.21211            | John Liese                                   | 1965              | 7                              | 300                     | 206.90                                | 10-25-72         | S                       | E | D                 | -                              |
| 8.21213            | Clark Corbin                                 | 1962              | 6                              | 300                     | -                                     | -                | S                       | E | D                 | No access to measure.          |
| 8.31221            | Ben R. Lowe                                  | 1967              | 6                              | 410                     | 315.50                                | 10-26-72         | S                       | E | D                 | -                              |
| 9.1132             | Mr. Bahl                                     | 1970              | 6                              | 285                     | 131.76                                | 9-25-74          | S                       | E | D                 | -                              |



Table 1.--Records of wells and springs in part of Tijeras Canyon, Bernalillo County, New Mexico - Concluded

| LOCATION<br>NUMBER | WELL OR SPRING OWNER<br>OR<br>NAME OF SPRING | YEAR<br>COMPLETED | CASING<br>DIAMETER<br>(INCHES) | WELL<br>DEPTH<br>(FEET) | WATER LEVEL                           |                  | PUMP POWER<br>TYPE TYPE |   | USE<br>OF<br>WELL | REMARKS                                                      |
|--------------------|----------------------------------------------|-------------------|--------------------------------|-------------------------|---------------------------------------|------------------|-------------------------|---|-------------------|--------------------------------------------------------------|
|                    |                                              |                   |                                |                         | DEPTH BELOW<br>LAND-SURFACE<br>(FEET) | DATE<br>MEASURED |                         |   |                   |                                                              |
| 10N. 6E. 9.11331   | R. H. Foster Sr.                             | -                 | 8                              | 360                     | 106.55                                | 6-21-72          | S                       | E | D                 | -                                                            |
| 9.11342            | R. H. Foster Sr.                             | -                 | 6                              | 165                     | 91.87                                 | 6-21-72          | S                       | E | D                 | -                                                            |
| 9.12134            | Harry Mowery                                 | -                 | -                              | -                       | -                                     | -                | -                       | - | D                 | -                                                            |
| 9.4433             | Samuel Jaramillo                             | 1969              | 5 1/4                          | 395                     | -                                     | -                | S                       | E | D                 | -                                                            |
| 10.13222           | Bill Hector                                  | -                 | 7                              | 400                     | -                                     | -                | S                       | E | D                 | -                                                            |
| 10.13223           | George M. Case                               | 1971              | 4                              | 400                     | 295.53                                | 8-21-72          | N                       | N | D                 | Not equipped 8-72.                                           |
| 10.1333            | K. Hallberg                                  | 1971              | -                              | 480                     | -                                     | -                | N                       | N | U                 | Do.                                                          |
| 10.1434            | Anselmo Gonzales                             | 1969              | 6                              | 290                     | 264.06                                | 8-21-72          | S                       | E | D                 | -                                                            |
| 10.3313            | Branlio Baca                                 | -                 | -                              | -                       | 9.79*                                 | 6-20-72          | J                       | E | D                 | Observation well; dry well.                                  |
| 10.3333            | Juanita Jaramillo                            | -                 | 7                              | 250                     | -                                     | -                | S                       | E | -                 | No information about well.                                   |
| 10.3442            | J. W. Shipman                                | -                 | 6                              | -                       | -                                     | -                | S                       | E | C-D               | 1,000 gal/min reported;<br>well supplies John Henry<br>Cafe. |
| 10.3442            | J. W. Shipman                                | -                 | 9 3/4                          | 234                     | 50.77                                 | 6-20-72          | N                       | N | U                 | -                                                            |
| 16.2224            | Robert Gutierrez                             | 1960              | -                              | 250                     | -                                     | -                | S                       | E | D                 | -                                                            |

Table 2.--Maximum daily water levels for well 10N.4E.25.32423, 1976-78

[Values are in feet below land surface]

Granite Hill Recorder Well (1976)

10N.4E.25.32423

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | -     | 32.96 | 33.11 | -     | 33.43 | 33.51 | 33.63 | 33.75 | 33.79 | 33.92 | 33.84 | 34.01 |
| 2   | -     | 32.97 | 33.12 | -     | 33.43 | 33.51 | 33.64 | 33.75 | 33.79 | 33.91 | 33.83 | 33.95 |
| 3   | -     | 32.97 | 33.09 | -     | 33.45 | 33.49 | 33.64 | 33.74 | 33.79 | 33.92 | 33.80 | 33.85 |
| 4   | -     | 32.98 | 33.12 | -     | 33.45 | 33.51 | 33.66 | 33.71 | 33.73 | 33.92 | 33.73 | 33.87 |
| 5   | -     | 33.01 | 33.16 | -     | 33.44 | 33.52 | 33.66 | 33.70 | 33.79 | 33.93 | 33.76 | 33.83 |
| 6   | -     | 33.02 | 33.14 | -     | 33.45 | 33.52 | 33.64 | 33.69 | 33.78 | 33.93 | 33.75 | 33.91 |
| 7   | -     | 33.04 | 33.16 | -     | 33.46 | 33.51 | 33.65 | 33.68 | 33.79 | 33.95 | 33.77 | 33.93 |
| 8   | -     | 33.04 | 33.16 | -     | 33.45 | 33.52 | 33.66 | 33.69 | 33.82 | 33.95 | 33.77 | 33.97 |
| 9   | -     | 33.02 | 33.16 | -     | 33.46 | 33.52 | 33.65 | 33.71 | 33.82 | 33.95 | 33.77 | 33.96 |
| 10  | -     | 33.03 | 33.16 | -     | 33.45 | 33.51 | 33.66 | 33.70 | 33.82 | 33.96 | 33.78 | -     |
| 11  | -     | 33.02 | 33.14 | -     | 33.42 | 33.51 | 33.67 | 33.72 | 33.81 | 33.96 | 33.78 | -     |
| 12  | -     | 33.01 | 33.17 | -     | 33.42 | 33.54 | 33.68 | 33.72 | 33.82 | 33.97 | 33.80 | -     |
| 13  | -     | 33.02 | 33.17 | -     | 33.41 | 33.53 | 33.68 | 33.73 | 33.82 | 33.98 | 33.82 | -     |
| 14  | -     | 33.01 | 33.18 | -     | 33.42 | 33.54 | 33.68 | 33.72 | 33.85 | 33.97 | 33.82 | -     |
| 15  | -     | 33.02 | 33.18 | -     | 33.43 | 33.57 | 33.69 | 33.73 | 33.85 | 33.98 | 33.84 | -     |
| 16  | -     | 33.03 | 33.20 | -     | 33.44 | 33.57 | 33.70 | 33.74 | 33.85 | 34.00 | 33.86 | -     |
| 17  | -     | 33.02 | -     | -     | 33.44 | 33.57 | 33.69 | 33.77 | 33.86 | 33.99 | 33.87 | -     |
| 18  | -     | 33.06 | -     | -     | 33.45 | 33.53 | 33.71 | 33.76 | 33.86 | 33.98 | 33.87 | -     |
| 19  | -     | 33.04 | -     | -     | 33.45 | 33.58 | 33.72 | 33.77 | 33.85 | 34.01 | 33.86 | -     |
| 20  | -     | 33.04 | -     | 33.38 | 33.46 | 33.60 | 33.72 | 33.77 | 33.86 | 34.01 | 33.87 | -     |
| 21  | 32.92 | 33.09 | -     | 33.38 | 33.46 | 33.60 | 33.72 | 33.76 | 33.85 | 33.99 | 33.90 | -     |
| 22  | 32.89 | 33.12 | -     | 33.36 | 33.46 | 33.58 | 33.73 | 33.77 | 33.85 | 33.98 | 33.92 | 34.15 |
| 23  | 32.90 | 33.10 | -     | 33.39 | 33.47 | 33.58 | 33.72 | 33.78 | 33.87 | 33.96 | 33.92 | 34.14 |
| 24  | 32.90 | 33.07 | -     | 33.40 | 33.45 | 33.59 | 33.72 | 33.77 | 33.87 | 33.94 | 33.94 | 34.14 |
| 25  | 32.91 | 33.09 | -     | 33.38 | 33.45 | 33.60 | 33.70 | 33.76 | 33.87 | 33.93 | 33.93 | 34.13 |
| 26  | 32.93 | 33.11 | -     | 33.37 | 33.47 | 33.61 | 33.72 | 33.76 | 33.88 | 33.92 | 33.92 | 34.13 |
| 27  | 32.94 | 33.09 | -     | 33.40 | 33.47 | 33.62 | 33.72 | 33.78 | 33.90 | 33.91 | 33.94 | 34.20 |
| 28  | 32.94 | 33.09 | -     | 33.41 | 33.46 | 33.62 | 33.73 | 33.78 | 33.92 | 33.91 | 33.93 | 34.24 |
| 29  | 32.95 | 33.08 | -     | 33.41 | 33.46 | 33.61 | 33.72 | 33.78 | 33.92 | 33.89 | 34.00 | 34.24 |
| 30  | 32.94 | -     | -     | 33.41 | 33.47 | 33.62 | 33.74 | 33.78 | 33.92 | 33.88 | 34.00 | 34.25 |
| 31  | 32.96 | -     | -     | -     | 33.49 | -     | 33.75 | 33.77 | -     | 33.87 | -     | 34.25 |

Table 2.--Maximum daily water levels for well 10N.4E.25.32423, 1976-78 - Continued

Granite Hill Recorder Well (1977)  
10N.4E.25.32423

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 34.25 | 34.64 | 34.63 | 33.98 | 33.77 | 33.86 | 34.07 | 33.92 | 32.63 | 32.45 | 32.64 | 32.67 |
| 2   | 34.30 | 34.64 | 34.60 | 33.98 | 33.78 | 33.85 | 34.10 | 33.94 | 32.63 | 32.45 | 32.65 | 32.69 |
| 3   | 34.30 | 34.64 | 34.64 | 33.97 | 33.77 | 33.82 | 34.10 | 33.91 | 32.57 | 32.47 | 32.66 | 32.69 |
| 4   | 34.32 | 34.64 | 34.65 | 33.93 | 33.78 | 33.83 | 34.11 | 33.93 | 32.53 | 32.48 | 32.67 | 32.69 |
| 5   | 34.32 | 34.64 | 34.63 | 33.93 | 33.77 | 33.90 | 34.12 | 33.93 | 32.50 | 32.49 | 32.63 | 32.70 |
| 6   | 34.36 | 34.64 | 34.63 | 33.93 | 33.79 | 33.89 | 34.14 | 33.94 | 32.48 | 32.50 | 32.65 | 32.72 |
| 7   | 34.37 | 34.64 | 34.62 | 33.93 | 33.80 | 33.90 | 34.14 | 33.95 | 32.45 | 32.50 | 32.67 | 32.71 |
| 8   | 34.35 | 34.64 | 34.53 | 33.92 | 33.83 | 33.86 | 34.15 | 33.95 | 32.42 | 32.50 | 32.65 | 32.72 |
| 9   | 34.38 | 34.64 | 34.49 | 33.92 | 33.84 | 33.85 | 34.15 | 33.95 | 32.39 | 32.50 | 32.65 | 32.74 |
| 10  | 34.38 | 34.64 | 34.44 | 33.91 | 33.83 | 33.91 | 34.14 | 33.94 | 32.35 | 32.50 | 32.65 | 32.75 |
| 11  | 34.42 | 34.65 | 34.44 | 33.91 | 33.84 | 33.92 | 34.14 | 33.95 | 32.32 | 32.52 | 32.64 | 32.78 |
| 12  | 34.43 | 34.65 | 34.41 | 33.91 | 33.85 | 33.92 | 34.15 | 33.95 | 32.29 | 32.53 | 32.63 | 32.77 |
| 13  | 34.44 | 34.65 | 34.38 | 33.90 | 33.83 | 33.93 | 34.14 | 33.95 | 32.29 | 32.53 | 32.63 | 32.80 |
| 14  | 34.44 | 34.65 | 34.33 | 33.88 | 33.83 | 33.95 | 34.16 | 33.77 | 32.27 | 32.54 | 32.63 | 32.80 |
| 15  | 34.46 | 34.53 | 34.34 | 33.85 | 33.86 | 33.95 | 34.17 | 33.60 | 32.27 | 32.55 | 32.63 | 32.80 |
| 16  | 34.43 | 34.53 | 34.30 | 33.85 | 33.80 | 33.96 | 34.18 | 33.43 | 32.27 | 32.55 | 32.63 | 32.80 |
| 17  | 34.49 | 34.60 | 34.24 | 33.85 | 33.80 | 33.97 | 34.18 | 33.27 | 32.28 | 32.56 | 32.63 | 32.82 |
| 18  | 34.51 | 34.64 | 34.23 | 33.85 | 33.78 | 33.98 | 34.20 | 33.14 | 32.30 | 32.57 | 32.63 | 32.83 |
| 19  | 34.50 | 34.60 | 34.20 | 33.80 | 33.79 | 34.00 | 34.20 | 33.14 | 32.30 | 32.57 | 32.60 | 32.84 |
| 20  | 34.52 | 34.64 | 34.17 | 33.78 | 33.78 | 34.00 | 34.20 | 33.14 | 32.30 | 32.57 | 32.60 | 32.85 |
| 21  | 34.53 | 34.64 | 34.17 | 33.80 | 33.80 | 34.00 | 34.18 | 33.14 | 32.27 | 32.57 | 32.61 | -     |
| 22  | 34.55 | 34.56 | 34.15 | 33.81 | 33.80 | 34.03 | 34.17 | 32.80 | 32.27 | 32.58 | 32.63 | -     |
| 23  | 34.56 | 34.61 | 34.14 | 33.81 | 33.81 | 34.04 | 34.15 | 32.78 | 32.30 | 32.59 | 32.63 | -     |
| 24  | 34.59 | 34.59 | 34.10 | 33.80 | 33.83 | 34.04 | 34.15 | 32.74 | 32.34 | 32.60 | 32.64 | -     |
| 25  | 34.59 | 34.60 | 34.10 | 33.80 | 33.83 | 34.05 | 34.15 | 32.71 | 32.35 | 32.60 | 32.63 | -     |
| 26  | 34.67 | 34.64 | 34.03 | 33.79 | 33.83 | 34.04 | 34.15 | 32.68 | 32.37 | 32.60 | 32.64 | -     |
| 27  | 34.60 | 34.65 | 34.05 | 33.78 | 33.82 | 34.05 | 34.15 | 32.67 | 32.39 | 32.60 | 32.64 | -     |
| 28  | 34.62 | 34.67 | 34.05 | 33.78 | 33.83 | 34.05 | 34.05 | 32.68 | 32.41 | 32.62 | 32.65 | -     |
| 29  | 33.65 | -     | 34.02 | 33.79 | 33.84 | 34.05 | 33.86 | 32.68 | 32.42 | 32.64 | 32.66 | -     |
| 30  | 34.55 | -     | 34.05 | 33.78 | 33.85 | 34.06 | 33.94 | 32.67 | 32.43 | 32.64 | 32.65 | -     |
| 31  | 34.59 | -     | 34.01 | -     | 33.85 | -     | 33.82 | 32.64 | -     | 32.64 | -     | -     |

=lasting effect



Table 2.--Maximum daily water levels for well 10N.4E.25., 1976-78 - Concluded

Granite Hill Recorder Well (1978)

10N.4E.25.32423

| Day | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 33.08 | 32.97 | 32.52 | 32.16 | 32.55 | 32.16 | 32.37 | 32.46 | 32.47 | 32.64 | 32.73 | 32.53 |
| 2   | 33.09 | 32.89 | 32.50 | 32.21 | 32.52 | 32.17 | 32.37 | 32.47 | 32.48 | 32.64 | 32.73 | 32.53 |
| 3   | 33.10 | 32.85 | 32.40 | 32.22 | 32.50 | 32.20 | 32.36 | 32.46 | 32.49 | 32.63 | 32.69 | 32.54 |
| 4   | 33.10 | 32.81 | 32.27 | 32.24 | 32.49 | 32.20 | 32.35 | 32.48 | 32.49 | 32.64 | 32.67 | 32.55 |
| 5   | 33.15 | 32.76 | 32.16 | 32.26 | 32.48 | 32.20 | 32.35 | 32.48 | 32.49 | 32.65 | 32.67 | 32.55 |
| 6   | 33.15 | 32.72 | 32.15 | 32.29 | 32.46 | 32.21 | 32.36 | 32.49 | 32.50 | 32.65 | 32.67 | 32.53 |
| 7   | 33.15 | 32.71 | 32.15 | 32.31 | 32.45 | 32.24 | 32.37 | 32.48 | 32.50 | 32.66 | 32.67 | 32.55 |
| 8   | 33.15 | 32.68 | 32.15 | 32.32 | 32.44 | 32.24 | 32.37 | 32.49 | 32.51 | 32.66 | 32.66 | 32.56 |
| 9   | 33.15 | 32.66 | 32.15 | 32.34 | 32.43 | 32.25 | 32.36 | 32.49 | 32.52 | 32.66 | 32.63 | 32.58 |
| 10  | 33.16 | 32.65 | 32.15 | 32.36 | 32.40 | 32.25 | 32.38 | 32.49 | 32.52 | 32.67 | 32.63 | 32.59 |
| 11  | 33.19 | 32.65 | 32.15 | 32.39 | 32.40 | 32.26 | 32.38 | 32.49 | 32.52 | 32.69 | 32.62 | 32.60 |
| 12  | 33.22 | 32.65 | 32.15 | 32.39 | 32.40 | 32.28 | 32.39 | 32.50 | 32.53 | 32.68 | 32.61 | 32.60 |
| 13  | 33.25 | 32.65 | 32.15 | 32.40 | 32.39 | 32.30 | 32.38 | 32.50 | 32.54 | 32.69 | 32.61 | 32.60 |
| 14  | 33.26 | 32.65 | 32.15 | 32.42 | 32.38 | 32.31 | 32.39 | 32.50 | 32.55 | 32.70 | 32.60 | 32.60 |
| 15  | 33.24 | 32.65 | 32.15 | 32.42 | 32.37 | 32.31 | 32.40 | 32.52 | 32.55 | 32.70 | 32.60 | 32.61 |
| 16  | 33.26 | 32.65 | 32.15 | 32.43 | 32.35 | 32.32 | 32.40 | 32.52 | 32.56 | 32.70 | 32.60 | 32.61 |
| 17  | 33.28 | 32.59 | 32.15 | 32.44 | 32.36 | 32.33 | 32.40 | 32.51 | 32.55 | 32.71 | 32.60 | 32.62 |
| 18  | 33.26 | 32.58 | 32.15 | 32.45 | 32.38 | 32.34 | 32.43 | 32.51 | 32.56 | 32.71 | 32.60 | 32.60 |
| 19  | 33.25 | 32.57 | 32.15 | 32.46 | 32.39 | 32.33 | 32.44 | 32.52 | 32.56 | 32.73 | 32.59 | 32.59 |
| 20  | 33.21 | 32.55 | 32.15 | 32.46 | 32.33 | 32.35 | 32.44 | 32.51 | 32.58 | 32.74 | 32.59 | 32.60 |
| 21  | 33.20 | 32.56 | 32.15 | 32.47 | 32.30 | 32.35 | 32.44 | 32.50 | 32.59 | 32.75 | 32.59 | 32.60 |
| 22  | 33.17 | 32.55 | 32.15 | 32.49 | 32.27 | 32.37 | 32.45 | 32.50 | 32.60 | 32.75 | 32.59 | 32.60 |
| 23  | 33.15 | 32.54 | 32.15 | 32.50 | 32.25 | 32.39 | 32.45 | 32.50 | 32.60 | 32.75 | 32.59 | 32.60 |
| 24  | 33.15 | 32.54 | 32.15 | 32.50 | 32.23 | 32.40 | 32.45 | 32.49 | 32.60 | 32.76 | 32.60 | 32.61 |
| 25  | 33.15 | 32.54 | 32.15 | 32.51 | 32.21 | 32.40 | 32.45 | 32.48 | 32.61 | 32.76 | 32.55 | 32.61 |
| 26  | 33.15 | 32.54 | 32.15 | 32.52 | 32.20 | 32.41 | 32.45 | 32.48 | 32.61 | 32.75 | 32.55 | 32.62 |
| 27  | 33.15 | 32.53 | 32.15 | 32.53 | 32.19 | 32.42 | 32.45 | 32.48 | 32.62 | 32.74 | 32.55 | 32.63 |
| 28  | 33.15 | 32.52 | 32.12 | 32.54 | 32.19 | 32.43 | 32.45 | 32.47 | 32.62 | 32.74 | 32.55 | 32.62 |
| 29  | 33.15 | -     | 32.15 | 32.55 | 32.18 | 32.38 | 32.46 | 32.47 | 32.63 | 32.73 | 32.54 | 32.63 |
| 30  | 33.15 | -     | 32.16 | 32.55 | 32.18 | 32.37 | 32.46 | 32.47 | 32.63 | 32.72 | 32.54 | 32.61 |
| 31  | 33.15 | -     | 32.18 | -     | 32.17 | -     | 32.46 | 32.47 | -     | 32.71 | -     | 32.59 |



Table 3.--Maximum daily water levels for well 10N.4½E.25.4222, 1976-78

[Values are in feet below land surface]

Sink Hole Recorder Well (1976)  
10N.4½E.25.4222

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | -     | 35.92 | 36.04 | 36.27 | 36.52 | 36.72 | 37.06 | 37.22 | 37.45 | 37.74 | 38.10 | 38.22 |
| 2   | -     | 35.89 | 36.04 | 36.28 | 36.50 | 36.73 | 37.06 | 37.23 | 37.45 | 37.75 | 38.11 | 38.23 |
| 3   | -     | 35.87 | 36.00 | 36.29 | 36.51 | 36.73 | 37.09 | 37.23 | 37.45 | 37.75 | 38.11 | 38.19 |
| 4   | -     | 35.88 | 36.01 | 36.30 | 36.51 | 36.73 | 37.10 | 37.23 | 37.46 | 37.76 | 38.11 | 38.17 |
| 5   | -     | 35.92 | 36.11 | 36.27 | 36.51 | 36.75 | 37.12 | 37.22 | 37.47 | 37.79 | 38.12 | 38.15 |
| 6   | -     | 35.96 | 36.12 | 36.28 | 36.54 | 36.77 | 37.12 | 37.24 | 37.47 | 37.79 | 38.12 | 38.15 |
| 7   | -     | 35.98 | 36.08 | 36.31 | 36.58 | 36.77 | 37.14 | 37.24 | 37.48 | 37.80 | 38.14 | 38.18 |
| 8   | -     | 35.96 | 36.10 | 36.32 | 36.58 | 36.77 | 37.14 | 37.24 | 37.49 | 37.84 | 38.13 | 38.17 |
| 9   | -     | 35.93 | 36.12 | 36.32 | 36.58 | 36.78 | 37.15 | 37.25 | 37.52 | 37.84 | 38.13 | 38.14 |
| 10  | -     | 35.95 | 36.13 | 36.33 | 36.59 | 36.78 | 37.17 | 37.27 | 37.52 | 37.85 | 38.13 | 38.14 |
| 11  | -     | 35.98 | 36.09 | 36.35 | 36.57 | 36.78 | 37.20 | 37.29 | 37.51 | 37.85 | 38.14 | 38.15 |
| 12  | -     | 35.96 | 36.13 | 36.33 | 36.57 | 36.79 | 37.20 | 37.30 | 37.51 | 37.87 | 38.17 | 38.14 |
| 13  | -     | 35.98 | 36.16 | 36.33 | 36.57 | 36.80 | 37.21 | 37.30 | 37.53 | 37.89 | 38.17 | 38.13 |
| 14  | -     | 35.98 | 36.14 | 36.34 | 36.58 | 36.81 | 37.23 | 37.30 | 37.55 | 37.88 | 38.17 | 38.12 |
| 15  | -     | 35.96 | 36.14 | 36.31 | 36.59 | 36.84 | 37.25 | 37.31 | 37.55 | 37.88 | 38.17 | 38.12 |
| 16  | -     | 35.98 | 36.19 | 36.30 | 36.60 | 36.83 | 37.28 | 37.32 | 37.57 | 37.92 | 38.19 | 38.12 |
| 17  | -     | 35.96 | 36.17 | 36.35 | 36.62 | 36.83 | 37.30 | 37.34 | 37.59 | 37.92 | 38.21 | 38.00 |
| 18  | -     | 36.00 | 36.16 | 36.40 | 36.62 | 36.86 | 37.29 | 37.35 | 37.60 | 37.92 | 38.20 | 38.07 |
| 19  | -     | 35.97 | 36.12 | 36.40 | 36.62 | 36.89 | 37.30 | 37.35 | 37.61 | 37.96 | 38.19 | 38.06 |
| 20  | -     | 35.96 | 36.16 | 36.42 | 36.64 | 36.90 | 37.30 | 37.38 | 37.62 | 37.97 | 38.21 | 38.08 |
| 21  | 35.87 | 36.05 | 36.22 | 36.41 | 36.64 | 36.90 | 37.30 | 37.38 | 37.63 | 37.97 | 38.24 | 38.04 |
| 22  | 35.86 | 36.10 | 36.24 | 36.42 | 36.65 | 36.92 | 37.30 | 37.40 | 37.65 | 37.97 | 38.23 | 38.04 |
| 23  | 35.82 | 36.07 | 36.20 | 36.44 | 36.65 | 36.94 | 37.31 | 37.40 | 37.65 | 37.98 | 38.23 | 38.03 |
| 24  | 35.78 | 35.98 | 36.20 | 36.46 | 36.65 | 36.96 | 37.30 | 37.40 | 37.66 | 37.99 | 38.22 | 38.00 |
| 25  | 35.82 | 36.06 | 36.16 | 36.42 | 36.65 | 36.97 | 37.27 | 37.41 | 37.67 | 38.00 | 38.18 | 38.01 |
| 26  | 35.87 | 36.07 | 36.21 | 36.41 | 36.68 | 36.98 | 37.24 | 37.40 | 37.67 | 38.00 | 38.16 | 38.02 |
| 27  | 35.93 | 36.06 | 36.18 | 36.44 | 36.68 | 37.01 | 37.22 | 37.42 | 37.63 | 38.04 | 38.20 | 37.99 |
| 28  | 35.93 | 36.03 | 36.18 | 36.49 | 36.65 | 37.02 | 37.21 | 37.43 | 37.70 | 38.07 | 38.23 | 37.99 |
| 29  | 35.92 | 36.02 | 36.21 | 36.50 | 36.66 | 37.04 | 37.20 | 37.44 | 37.71 | 38.06 | 38.24 | 37.97 |
| 30  | 35.87 | -     | 36.28 | 36.51 | 36.67 | 37.04 | 37.20 | 37.43 | 37.73 | 38.07 | 38.22 | 37.96 |
| 31  | 35.92 | -     | 36.29 | -     | 36.70 | -     | 37.20 | 37.44 | -     | 38.09 | -     | 37.95 |

Table 3.--Maximum daily water levels for well 10N.4½E.25.4222, 1976-78 - Continued

Sink Hole Recorder Well (1977)  
10N.4½E.25.4222

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 37.94 | 37.77 | 37.76 | 37.85 | 38.12 | 38.61 | 38.99 | 39.25 | 38.99 | 38.67 | 38.89 | 38.60 |
| 2   | 37.94 | 37.77 | 37.75 | 37.87 | 38.14 | 38.62 | 39.00 | 39.25 | 38.93 | 38.70 | 38.92 | 38.59 |
| 3   | 37.92 | 37.82 | 37.78 | 37.87 | 38.15 | 38.63 | 39.00 | 39.25 | 38.95 | 38.75 | 38.92 | 38.57 |
| 4   | 37.92 | 37.81 | 37.80 | 37.92 | 38.15 | 38.64 | 39.03 | 39.25 | 38.94 | 38.73 | 38.95 | 38.54 |
| 5   | 37.92 | 37.78 | 37.84 | 37.94 | 38.15 | 38.65 | 39.04 | 39.25 | 38.92 | 38.73 | 38.93 | 38.53 |
| 6   | 37.93 | 37.78 | 37.86 | 37.95 | 38.16 | 38.67 | 39.03 | 39.25 | 38.90 | 38.75 | 38.90 | 38.52 |
| 7   | 37.91 | 37.80 | 37.86 | 37.96 | 38.19 | 38.69 | 39.02 | 39.25 | 38.89 | 38.75 | 38.90 | 38.49 |
| 8   | 37.88 | 37.80 | 37.84 | 37.96 | 38.20 | 38.69 | 39.01 | 39.25 | 38.86 | 38.75 | 38.90 | 38.48 |
| 9   | 37.83 | 37.77 | 37.77 | 37.94 | 38.21 | 38.70 | 39.02 | 39.25 | 38.85 | 38.76 | 38.91 | 38.45 |
| 10  | 37.91 | 37.77 | 37.75 | 37.93 | 38.21 | 38.71 | 39.02 | 39.25 | 38.83 | 38.76 | 38.98 | 38.47 |
| 11  | 37.90 | 37.76 | 37.77 | 37.93 | 38.24 | 38.73 | 39.03 | 39.25 | 38.81 | 38.78 | 38.97 | 38.45 |
| 12  | 37.88 | 37.80 | 37.82 | 37.95 | 38.27 | 38.74 | 39.04 | 39.25 | 38.79 | 38.83 | 38.94 | 38.42 |
| 13  | 37.83 | 37.77 | 37.78 | 37.94 | 38.29 | 38.76 | 39.05 | 39.24 | 38.79 | 38.82 | 38.92 | 38.43 |
| 14  | 37.87 | 37.77 | 37.78 | 37.92 | 38.30 | 38.77 | 39.07 | 39.23 | 38.78 | 38.82 | 38.89 | 38.40 |
| 15  | 37.87 | 37.80 | 37.84 | 37.94 | 38.32 | 38.78 | 39.09 | 39.23 | 38.76 | 38.83 | 38.85 | 38.36 |
| 16  | 37.88 | 37.81 | 37.81 | 37.98 | 38.34 | 38.80 | 39.10 | 39.23 | 38.75 | 38.85 | 38.85 | 38.34 |
| 17  | 37.88 | 37.80 | 37.80 | 37.98 | 38.35 | 38.80 | 39.11 | 39.22 | 38.75 | 38.85 | 38.84 | 38.35 |
| 18  | 37.87 | 37.80 | 37.80 | 37.98 | 38.36 | 38.82 | 39.11 | 39.20 | 38.74 | 38.85 | 38.81 | 38.32 |
| 19  | 37.86 | 37.81 | 37.84 | 37.98 | 38.38 | 38.83 | 39.12 | 39.17 | 38.73 | 38.85 | 38.76 | 38.32 |
| 20  | 37.87 | 37.80 | 37.82 | 37.99 | 38.39 | 38.84 | 39.14 | 39.15 | 38.72 | 38.85 | 38.77 | 38.35 |
| 21  | 37.87 | 37.77 | 37.86 | 38.02 | 38.42 | 38.85 | 39.15 | 39.13 | 38.71 | 38.85 | 38.78 | -     |
| 22  | 37.85 | 37.73 | 37.87 | 38.06 | 38.43 | 38.85 | 39.17 | 39.10 | 38.69 | 38.87 | 38.76 | -     |
| 23  | 37.84 | 37.76 | 37.85 | 38.07 | 38.45 | 38.88 | 39.19 | 39.07 | 38.63 | 38.87 | 38.75 | -     |
| 24  | 37.84 | 37.76 | 37.84 | 38.10 | 38.47 | 38.89 | 39.19 | 39.05 | 38.63 | 38.87 | 38.74 | -     |
| 25  | 37.83 | 37.76 | 37.82 | 38.08 | 38.49 | 38.89 | 39.21 | 39.03 | 38.63 | 38.89 | 38.73 | -     |
| 26  | 37.82 | 37.79 | 37.84 | 38.08 | 38.50 | 38.90 | 39.23 | 39.00 | 38.67 | 38.90 | 38.65 | -     |
| 27  | 37.80 | 37.82 | 37.82 | 38.09 | 38.52 | 38.94 | 39.23 | 38.97 | 38.63 | 38.90 | 38.65 | -     |
| 28  | 37.81 | 37.83 | 37.82 | 38.11 | 38.53 | 38.95 | 39.24 | 38.96 | 38.67 | 38.90 | 38.65 | -     |
| 29  | 37.79 | -     | 37.84 | 38.12 | 38.54 | 38.95 | 39.25 | 38.95 | 38.67 | 38.91 | 38.65 | -     |
| 30  | 37.79 | -     | 37.88 | 38.12 | 38.56 | 38.96 | 39.25 | 38.92 | 38.67 | 38.90 | 38.61 | -     |
| 31  | 37.80 | -     | 37.87 | -     | 38.59 | -     | 39.25 | 38.90 | -     | 38.90 | -     | -     |

Table 3.--Maximum daily water levels for well 10N.4 $\frac{1}{2}$ E.25.4222, 1976-78 - Concluded

Sink Hole Recorder Well (1978)  
10N.4 $\frac{1}{2}$ E.25.4222

| Day | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec. |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1   | 38.21 | 38.10 | 37.92 | 37.50 | 37.27 | 37.13 | 37.32 | 37.10 | 37.06 | 37.55 | 38.08 | -    |
| 2   | 38.21 | 38.11 | 37.92 | 37.51 | 37.28 | 37.14 | 37.31 | 37.10 | 37.07 | 37.55 | 38.06 | -    |
| 3   | 38.20 | 38.11 | 37.92 | 37.52 | 37.25 | 37.16 | 37.29 | 37.10 | 37.10 | 37.57 | -     | -    |
| 4   | 38.20 | 38.12 | 37.92 | 37.49 | 37.22 | 37.14 | 37.29 | 37.10 | 37.12 | 37.59 | -     | -    |
| 5   | 38.20 | 38.07 | 37.89 | 37.47 | 37.20 | 37.15 | 37.27 | 37.10 | 37.12 | 37.60 | -     | -    |
| 6   | 38.18 | 38.04 | 37.88 | 37.46 | 37.22 | 37.16 | 37.27 | 37.08 | 37.15 | 37.64 | -     | -    |
| 7   | 38.18 | 38.04 | 37.88 | 37.45 | 37.22 | 37.17 | 37.28 | 37.06 | 37.16 | 37.65 | -     | -    |
| 8   | 38.21 | 38.03 | 37.86 | 37.43 | 37.22 | 37.18 | 37.26 | 37.07 | 37.17 | 37.65 | -     | -    |
| 9   | 38.18 | 38.05 | 37.83 | 37.43 | 37.20 | 37.19 | 37.24 | 37.06 | 37.20 | 37.67 | -     | -    |
| 10  | 38.16 | 38.00 | 37.79 | 37.44 | 37.17 | 37.17 | 37.25 | 37.05 | 37.20 | 37.70 | -     | -    |
| 11  | 38.16 | 37.99 | 37.79 | 37.42 | 37.17 | 37.17 | 37.23 | 37.03 | 37.20 | 37.70 | -     | -    |
| 12  | 38.17 | 37.99 | 37.75 | 37.40 | 37.17 | 37.20 | 37.22 | 37.02 | 37.21 | 37.72 | -     | -    |
| 13  | 38.19 | 38.02 | 37.75 | 37.40 | 37.17 | 37.22 | 37.22 | 37.01 | 37.25 | 37.74 | -     | -    |
| 14  | 38.16 | 38.00 | 37.75 | 37.39 | 37.15 | 37.20 | 37.22 | 37.01 | 37.28 | 37.79 | -     | -    |
| 15  | 38.14 | 37.99 | 37.79 | 37.39 | 37.14 | 37.20 | 37.20 | 37.02 | 37.30 | 37.80 | -     | -    |
| 16  | 38.14 | 37.97 | 37.79 | 37.36 | 37.12 | 37.20 | 37.19 | 36.99 | 37.31 | 37.81 | -     | -    |
| 17  | 38.14 | 37.99 | 37.75 | 37.37 | 37.13 | 37.21 | 37.19 | 36.98 | 37.31 | 37.82 | -     | -    |
| 18  | 38.15 | 37.99 | 37.73 | 37.38 | 37.15 | 37.24 | 37.20 | 37.00 | 37.31 | 37.85 | -     | -    |
| 19  | 38.14 | 37.98 | 37.71 | 37.36 | 37.16 | 37.23 | 37.19 | 37.01 | 37.35 | 37.88 | -     | -    |
| 20  | 38.13 | 37.97 | 37.70 | 37.34 | 37.17 | 37.23 | 37.18 | 37.04 | 37.37 | 37.87 | -     | -    |
| 21  | 38.14 | 38.01 | 37.69 | 37.30 | 37.16 | 37.26 | 37.18 | 37.03 | 37.41 | 37.88 | -     | -    |
| 22  | 38.14 | 37.99 | 37.66 | 37.35 | 37.14 | 37.27 | 37.19 | 37.01 | 37.44 | 37.89 | -     | -    |
| 23  | 38.10 | 37.97 | 37.66 | 37.35 | 37.11 | 37.19 | 37.21 | 37.01 | 37.46 | 37.94 | -     | -    |
| 24  | 38.11 | 37.95 | 37.65 | 37.35 | 37.12 | 37.19 | 37.20 | 37.02 | 37.47 | 37.92 | -     | -    |
| 25  | 38.12 | 37.96 | 37.65 | 37.34 | 37.10 | 37.20 | 37.18 | 37.01 | 37.48 | 37.92 | -     | -    |
| 26  | 38.13 | 37.95 | 37.64 | 37.30 | 37.11 | 37.21 | 37.17 | 37.01 | 37.49 | 37.96 | -     | -    |
| 27  | 38.13 | 37.93 | 37.61 | 37.30 | 37.12 | 37.25 | 37.15 | 37.01 | 37.50 | 37.98 | -     | -    |
| 28  | 38.14 | 37.94 | 37.59 | 37.30 | 37.13 | 37.30 | 37.14 | 37.02 | 37.51 | 38.00 | -     | -    |
| 29  | 38.12 | -     | 37.60 | 37.28 | 37.13 | 37.30 | 37.13 | 37.04 | 37.51 | 38.01 | -     | -    |
| 30  | 38.11 | -     | 37.57 | 37.27 | 37.11 | 37.30 | 37.13 | 37.05 | 37.52 | 38.02 | -     | -    |
| 31  | 38.10 | -     | 37.54 | -     | 37.12 | -     | 37.12 | 37.05 | -     | 38.06 | -     | -    |



Table 4.--Maximum daily water levels for well 10N.5E.12.34312

and well 10N.5E.12.34312A, 1972-73

[Values are in feet below land surface]

Zamora Recorder Well (1972)  
10N.5E.12.34312

| DAY | JAN | FEB | MAR | APR | MAY | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| 1   | -   | -   | -   | -   | -   | -     | 47.04 | 47.13 | 47.23 | 46.67 | 45.84 | 45.80 |
| 2   | -   | -   | -   | -   | -   | -     | 47.04 | 47.10 | 47.22 | 46.71 | 45.96 | 45.80 |
| 3   | -   | -   | -   | -   | -   | -     | 47.06 | 47.11 | 47.17 | 46.74 | 45.97 | 45.73 |
| 4   | -   | -   | -   | -   | -   | -     | 47.11 | 47.19 | 47.19 | 46.72 | 45.90 | 45.55 |
| 5   | -   | -   | -   | -   | -   | -     | 47.07 | 47.33 | 47.10 | 46.71 | 45.81 | 45.55 |
| 6   | -   | -   | -   | -   | -   | -     | 47.02 | 47.24 | 47.08 | 46.80 | 45.82 | 45.55 |
| 7   | -   | -   | -   | -   | -   | -     | 47.04 | 47.22 | 47.11 | 46.70 | 45.87 | 45.60 |
| 8   | -   | -   | -   | -   | -   | -     | 47.03 | 47.22 | 47.16 | 46.69 | 45.69 | 45.63 |
| 9   | -   | -   | -   | -   | -   | -     | 47.06 | 47.22 | 47.23 | 46.70 | 45.69 | 45.53 |
| 10  | -   | -   | -   | -   | -   | -     | 47.04 | 47.24 | 47.16 | 46.71 | 45.75 | 45.63 |
| 11  | -   | -   | -   | -   | -   | -     | 47.04 | 47.24 | 47.18 | 46.77 | 45.72 | 45.55 |
| 12  | -   | -   | -   | -   | -   | -     | 47.08 | 47.33 | 47.16 | 46.77 | 45.69 | 45.55 |
| 13  | -   | -   | -   | -   | -   | -     | 47.03 | 47.33 | 47.12 | 46.67 | 45.69 | 45.60 |
| 14  | -   | -   | -   | -   | -   | 46.79 | 47.00 | 47.33 | 47.05 | 46.67 | 45.69 | 45.60 |
| 15  | -   | -   | -   | -   | -   | 46.78 | 47.00 | 47.33 | 46.98 | 46.66 | 45.70 | 45.64 |
| 16  | -   | -   | -   | -   | -   | 46.80 | 47.08 | 47.33 | 46.95 | 46.62 | 45.70 | 45.61 |
| 17  | -   | -   | -   | -   | -   | 46.80 | 47.09 | 47.31 | 46.87 | 46.59 | 45.69 | 45.71 |
| 18  | -   | -   | -   | -   | -   | 46.81 | 47.12 | 47.26 | 46.86 | 46.57 | 45.70 | 45.67 |
| 19  | -   | -   | -   | -   | -   | 46.80 | 47.09 | 47.26 | 46.77 | 46.51 | 45.76 | 45.61 |
| 20  | -   | -   | -   | -   | -   | 46.82 | 47.00 | 47.26 | 46.77 | 46.42 | 45.70 | 45.56 |
| 21  | -   | -   | -   | -   | -   | 46.83 | 47.16 | 47.24 | 46.79 | 46.44 | 45.73 | 45.62 |
| 22  | -   | -   | -   | -   | -   | 46.86 | 47.17 | 47.16 | 46.75 | 46.44 | 45.76 | 45.61 |
| 23  | -   | -   | -   | -   | -   | 46.96 | 47.14 | 47.15 | 46.73 | 46.36 | 45.76 | 45.61 |
| 24  | -   | -   | -   | -   | -   | 46.94 | 47.11 | 47.16 | 46.70 | 46.41 | 45.70 | 45.63 |
| 25  | -   | -   | -   | -   | -   | 46.88 | 47.09 | 47.25 | 46.71 | 46.15 | 45.71 | 45.63 |
| 26  | -   | -   | -   | -   | -   | 46.88 | 47.08 | 47.25 | 46.74 | 46.06 | 45.71 | 45.63 |
| 27  | -   | -   | -   | -   | -   | 46.93 | 47.00 | 47.24 | 46.71 | 46.06 | 45.65 | 45.63 |
| 28  | -   | -   | -   | -   | -   | 46.93 | 47.11 | 47.24 | 46.70 | 46.04 | 45.70 | 45.46 |
| 29  | -   | -   | -   | -   | -   | 46.97 | 47.19 | 47.24 | 46.70 | 45.91 | 45.70 | 45.45 |
| 30  | -   | -   | -   | -   | -   | 46.99 | 47.16 | 47.24 | 46.72 | 45.85 | 45.79 | 45.47 |
| 31  | -   | -   | -   | -   | -   | -     | 47.15 | 47.22 | -     | 45.86 | -     | 45.53 |



Table 4.--Maximum daily water levels for well 10N.5E.12.34312

and well 10N.5E.12.34312A, 1972-78 - Continued

Zamora Recorder Well (1973)

10N.5E.12.34312

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 45.55 | 45.10 | 44.82 | 43.83 | 43.36 | 43.68 | 44.47 | 44.73 | 44.97 | 44.99 | 45.12 | 45.19 |
| 2   | 45.48 | 45.11 | 44.69 | 43.77 | 43.45 | 43.69 | 44.51 | 44.73 | 44.98 | 44.99 | 45.12 | 44.98 |
| 3   | 45.48 | 45.17 | 44.63 | 43.78 | 43.45 | 43.71 | 44.56 | 44.73 | 45.02 | 44.99 | 45.12 | 44.98 |
| 4   | 45.51 | 45.17 | 44.39 | 43.74 | 43.45 | 43.77 | 44.57 | 44.73 | 45.06 | 44.99 | 45.12 | 44.99 |
| 5   | 45.51 | 45.13 | 44.35 | 43.65 | 43.42 | 43.87 | 44.55 | 44.73 | 45.07 | 45.05 | 45.13 | 44.79 |
| 6   | 45.52 | 45.11 | 44.37 | 43.57 | 43.41 | 43.92 | 44.56 | 44.73 | 45.08 | 45.06 | 45.12 | 44.68 |
| 7   | 45.53 | 45.10 | 44.31 | 43.62 | 43.41 | 43.93 | 44.57 | 44.73 | 44.99 | 44.98 | 45.12 | 44.50 |
| 8   | 45.53 | 45.10 | 44.31 | 43.53 | 43.51 | 43.94 | 44.57 | 44.73 | 45.01 | 44.98 | 45.12 | 44.47 |
| 9   | 45.53 | 45.10 | 44.27 | 43.51 | 43.50 | 43.99 | 44.61 | 44.76 | 45.07 | 44.97 | 45.12 | 44.44 |
| 10  | 45.52 | 45.10 | 44.20 | 43.42 | 43.50 | 43.95 | 44.61 | 44.78 | 45.15 | 44.97 | 45.20 | 44.43 |
| 11  | 45.52 | 45.18 | 44.23 | 43.36 | 43.52 | 43.95 | 44.61 | 44.87 | 45.15 | 44.97 | 45.20 | 44.27 |
| 12  | 45.63 | 45.16 | 44.19 | 43.31 | 43.57 | 44.00 | 44.62 | 44.98 | 45.15 | 44.98 | 45.17 | 44.21 |
| 13  | 45.61 | 45.20 | 43.99 | 43.26 | 43.55 | 44.00 | 44.58 | 44.94 | 44.89 | 45.04 | 45.12 | 44.12 |
| 14  | 45.61 | 45.19 | 44.00 | 43.27 | 43.55 | 43.98 | 44.61 | 44.93 | 44.92 | 45.05 | 45.06 | 44.12 |
| 15  | 45.61 | 45.20 | 44.02 | 43.27 | 43.58 | 43.98 | 44.71 | 44.93 | 44.92 | 45.07 | 45.08 | 44.14 |
| 16  | 45.59 | 45.20 | 44.11 | 43.30 | 43.55 | 44.16 | 44.68 | 44.93 | 44.96 | 45.07 | 45.09 | 44.20 |
| 17  | 45.54 | 45.01 | 44.03 | 43.18 | 43.52 | 44.16 | 44.68 | 44.93 | 44.96 | 45.07 | 45.07 | 44.21 |
| 18  | 45.53 | 45.00 | 43.86 | 42.12 | 43.54 | 44.16 | 44.61 | 44.93 | 44.96 | 45.07 | 45.07 | 43.97 |
| 19  | 45.48 | 45.01 | 42.86 | 43.13 | 43.56 | 44.20 | 44.61 | 44.93 | 44.92 | 45.07 | 44.98 | 44.16 |
| 20  | 45.47 | 45.19 | 43.88 | 43.19 | 43.56 | 44.32 | 44.61 | 44.93 | 44.91 | 45.06 | 44.97 | 44.16 |
| 21  | 45.47 | 45.15 | 43.83 | 43.27 | 43.56 | 44.37 | 44.61 | 44.93 | 44.90 | 45.06 | 45.01 | 44.09 |
| 22  | 45.49 | 45.04 | 43.82 | 43.36 | 43.57 | 44.38 | 44.61 | 44.90 | 44.90 | 45.06 | 45.13 | 43.99 |
| 23  | 45.61 | 45.06 | 43.79 | 43.38 | 43.59 | 44.38 | 44.61 | 44.87 | 44.91 | 45.04 | 45.11 | 43.91 |
| 24  | 45.63 | 45.06 | 43.80 | 43.38 | 43.57 | 44.38 | 44.61 | 44.86 | 44.88 | 45.04 | 45.09 | 43.98 |
| 25  | 45.71 | 45.06 | 43.86 | 43.28 | 43.59 | 44.38 | 44.69 | 44.89 | 44.89 | 45.04 | 45.00 | 44.06 |
| 26  | 45.56 | 45.11 | 43.87 | 43.43 | 43.57 | 44.38 | 44.68 | 44.89 | 44.89 | 45.04 | 45.00 | 44.06 |
| 27  | 45.56 | 44.98 | 43.82 | 43.44 | 43.53 | 44.38 | 44.67 | 44.99 | 44.97 | 45.16 | 45.02 | 44.07 |
| 28  | 45.60 | 44.91 | 43.87 | 43.43 | 43.67 | 44.40 | 44.67 | 44.93 | 44.94 | 45.16 | 45.17 | 44.07 |
| 29  | 45.59 | -     | 43.86 | 43.35 | 43.68 | 44.40 | 44.69 | 44.93 | 44.93 | 45.17 | 45.21 | 44.04 |
| 30  | 45.13 | -     | 43.85 | 43.27 | 43.69 | 44.36 | 44.69 | 44.91 | 44.96 | 45.12 | 45.23 | 44.03 |
| 31  | 45.13 | -     | 43.89 | -     | 43.69 | -     | 44.71 | -     | -     | -     | -     | 44.05 |

Table 4.--Maximum daily water levels for well 10N.5E.12.34312

and well 10N.5E.12.34312A, 1972-78 - Continued

Zamora Recorder Well (1974)

10N.5E.12.34312

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG           | SEPT | OCT | NOV | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|---------------|------|-----|-----|-----|
| 1   | 44.02 | 45.14 | 45.19 | 45.28 | 45.45 | 45.79 | -     | 46.14         | -    | -   | -   | -   |
| 2   | -     | -     | -     | 45.13 | 45.44 | 45.77 | -     | 46.14         | -    | -   | -   | -   |
| 3   | -     | -     | -     | 45.18 | 45.48 | 45.77 | -     | 46.14         | -    | -   | -   | -   |
| 4   | -     | -     | -     | 45.32 | 45.48 | 45.76 | -     | 46.12         | -    | -   | -   | -   |
| 5   | 44.12 | 45.02 | 45.17 | 45.34 | 45.48 | 45.70 | -     | 46.10         | -    | -   | -   | -   |
| 6   | -     | -     | -     | 45.17 | 45.48 | 45.71 | -     | 46.10         | -    | -   | -   | -   |
| 7   | -     | -     | 45.07 | 45.22 | 45.48 | 45.73 | -     | 46.10         | -    | -   | -   | -   |
| 8   | -     | -     | 45.10 | 45.32 | 45.48 | 45.74 | -     | 46.10         | -    | -   | -   | -   |
| 9   | -     | -     | 45.13 | 45.17 | 45.52 | 45.83 | -     | 46.10         | -    | -   | -   | -   |
| 10  | 44.03 | 45.19 | 45.12 | 45.17 | 45.52 | 45.88 | -     | 46.11         | -    | -   | -   | -   |
| 11  | -     | -     | 45.12 | 45.22 | 45.54 | 45.90 | -     | 46.12         | -    | -   | -   | -   |
| 12  | -     | -     | 45.17 | 45.25 | 45.57 | 45.90 | -     | 46.15         | -    | -   | -   | -   |
| 13  | -     | -     | 45.17 | 45.25 | 45.53 | 45.90 | -     | 46.17         | -    | -   | -   | -   |
| 14  | -     | -     | 45.17 | 45.35 | 45.53 | 45.93 | -     | 46.17         | -    | -   | -   | -   |
| 15  | 44.17 | 45.13 | 45.17 | 45.37 | 45.55 | 46.00 | -     | 46.17         | -    | -   | -   | -   |
| 16  | -     | -     | 45.17 | 45.35 | 45.56 | 45.95 | -     | 46.21         | -    | -   | -   | -   |
| 17  | -     | -     | 45.17 | 45.35 | 45.59 | 45.94 | -     | 46.22         | -    | -   | -   | -   |
| 18  | -     | -     | 45.13 | 45.31 | 45.65 | 45.94 | -     | 46.23         | -    | -   | -   | -   |
| 19  | -     | -     | 45.13 | 45.19 | 45.65 | 46.00 | 46.12 | 46.19         | -    | -   | -   | -   |
| 20  | 44.12 | 45.28 | 45.12 | 45.24 | 45.70 | 46.02 | 46.11 | 46.19         | -    | -   | -   | -   |
| 21  | 44.12 | -     | 45.13 | 45.30 | 45.70 | 46.03 | 46.11 | 46.22         | -    | -   | -   | -   |
| 22  | -     | -     | 45.10 | 45.33 | 45.75 | -     | 46.11 | 46.32         | -    | -   | -   | -   |
| 23  | -     | -     | 45.11 | 45.35 | 45.73 | -     | 46.12 | 46.30         | -    | -   | -   | -   |
| 24  | -     | -     | 45.14 | 45.35 | 45.75 | -     | 46.12 | 46.30         | -    | -   | -   | -   |
| 25  | 45.06 | 45.24 | 45.15 | 45.44 | 45.84 | -     | 46.12 | 46.25         | -    | -   | -   | -   |
| 26  | -     | -     | 45.17 | 45.45 | 45.84 | -     | 46.13 | 46.22         | -    | -   | -   | -   |
| 27  | -     | -     | 45.17 | 45.44 | 45.82 | -     | 46.14 | 46.20         | -    | -   | -   | -   |
| 28  | -     | 45.17 | 45.17 | 45.44 | 45.79 | -     | 46.15 | 46.18         | -    | -   | -   | -   |
| 29  | -     | -     | 45.17 | 45.45 | 45.77 | -     | 46.15 | <sup>1/</sup> | -    | -   | -   | -   |
| 30  | -     | -     | 45.36 | 45.51 | 45.75 | -     | 46.15 | -             | -    | -   | -   | -   |
| 31  | 45.17 | -     | 45.24 | -     | 45.75 | -     | 46.15 | -             | -    | -   | -   | -   |

<sup>1/</sup> Lightning struck recorder 20:30 hrs.-recorder removed pump installed

Table 4.--Maximum daily water levels for well 10N.5E.12.34312

and well 10N.5E.12.34312A, 1972-78 - Continued

Zamora II Recorder Well (1975)  
10N.5E.12.34312A

| DAY | JAN | FEB | MAR     | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-----|-----|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | -   | -   | -       | -     | 35.34 | 34.14 | 36.40 | 36.78 | 37.14 | 37.34 | 37.32 | 37.48 |
| 2   | -   | -   | -       | -     | 35.36 | 34.40 | 36.40 | 36.81 | 37.14 | 37.35 | 37.32 | 37.55 |
| 3   | -   | -   | -       | -     | 35.40 | 35.13 | 36.40 | 36.85 | 37.14 | 36.36 | 37.33 | 37.57 |
| 4   | -   | -   | -       | -     | 35.40 | 35.30 | 36.40 | 36.87 | 37.16 | 36.36 | 37.37 | 37.45 |
| 5   | -   | -   | -       | -     | 35.28 | 35.44 | 36.40 | 36.87 | 37.16 | 37.36 | 37.38 | 37.41 |
| 6   | -   | -   | -       | -     | 35.28 | 35.61 | 36.40 | 36.92 | 37.19 | 36.36 | 37.38 | 37.41 |
| 7   | -   | -   | 2/36.68 | -     | 35.34 | 35.75 | 36.39 | 36.92 | 37.22 | 37.34 | 37.39 | 37.41 |
| 8   | -   | -   | 36.77   | 35.54 | 35.37 | 35.80 | 36.39 | 36.91 | 37.22 | 37.33 | 37.34 | 37.42 |
| 9   | -   | -   | 36.86   | 35.55 | 35.43 | 35.83 | 36.52 | 36.90 | 37.22 | 37.29 | 37.32 | 37.42 |
| 10  | -   | -   | 35.87   | 35.57 | 35.43 | 35.87 | 35.35 | 36.91 | 37.22 | 37.17 | 37.32 | 37.41 |
| 11  | -   | -   | -       | 35.60 | 35.53 | 35.93 | 35.06 | 36.93 | 37.23 | 37.32 | 37.33 | 37.40 |
| 12  | -   | -   | -       | 35.61 | 35.53 | 36.03 | 35.32 | 36.93 | 37.22 | 37.33 | 37.35 | 37.39 |
| 13  | -   | -   | -       | 35.58 | 35.53 | 36.06 | 35.90 | 36.93 | 37.22 | 37.31 | 37.43 | 37.34 |
| 14  | -   | -   | -       | 35.61 | 35.56 | 36.10 | 36.23 | 36.93 | 37.22 | 37.26 | 37.48 | 37.35 |
| 15  | -   | -   | -       | 35.61 | 35.53 | 36.10 | 36.33 | 36.97 | 37.23 | 37.25 | 37.49 | 37.38 |
| 16  | -   | -   | -       | 35.60 | 35.63 | 36.07 | 36.39 | 36.98 | 37.25 | 37.25 | 37.45 | 37.47 |
| 17  | -   | -   | -       | 35.49 | 35.63 | 36.01 | 36.39 | 37.00 | 37.26 | 37.27 | 37.38 | 37.47 |
| 18  | -   | -   | -       | 35.49 | 35.63 | 35.98 | 36.40 | 37.02 | 37.27 | 37.28 | 37.37 | 37.48 |
| 19  | -   | -   | -       | 35.40 | 35.63 | 35.98 | 36.40 | 37.02 | 37.27 | 37.30 | 37.37 | 37.51 |
| 20  | -   | -   | -       | 35.60 | 35.53 | 36.12 | 36.31 | 37.02 | 37.27 | 37.33 | 37.37 | 37.51 |
| 21  | -   | -   | 35.87   | 35.57 | 35.53 | 36.19 | 36.31 | 37.03 | 37.28 | 37.25 | 37.42 | 37.53 |
| 22  | -   | -   | -       | 35.56 | 35.55 | 36.23 | 36.40 | 37.06 | 37.32 | 37.17 | 37.42 | 37.53 |
| 23  | -   | -   | -       | 35.54 | 35.62 | 36.27 | 36.40 | 37.08 | 37.36 | 37.12 | 37.49 | 37.53 |
| 24  | -   | -   | -       | 35.54 | 35.68 | 36.32 | 36.40 | 37.09 | 37.36 | 37.12 | 37.51 | 37.51 |
| 25  | -   | -   | -       | 35.53 | 35.72 | 36.34 | 36.69 | 37.09 | 37.36 | 37.19 | 37.48 | 37.51 |
| 26  | -   | -   | -       | 35.50 | 35.72 | 36.34 | 36.74 | 37.09 | 37.36 | 37.30 | 37.42 | 37.52 |
| 27  | -   | -   | -       | 35.45 | 35.79 | 36.34 | 36.76 | 37.10 | 37.37 | 37.32 | 37.38 | 37.51 |
| 28  | -   | -   | -       | 35.34 | 35.72 | 36.35 | 36.78 | 37.13 | 37.37 | 37.32 | 37.34 | 37.51 |
| 29  | -   | -   | -       | 35.34 | 34.32 | 36.36 | 36.77 | 37.14 | 37.36 | 37.33 | 37.33 | 37.52 |
| 30  | -   | -   | -       | 35.34 | 33.03 | 36.38 | 36.77 | 37.14 | 37.34 | 37.33 | 37.33 | 37.56 |
| 31  | -   | -   | -       | -     | 33.25 | -     | 36.77 | 37.15 | -     | 37.32 | -     | 37.45 |

2/Recorder installed--following water levels for well 10N.5E.12.34312A



Table 4.--Maximum daily water levels for well 10N.5E.12.34312  
and well 10N.5E.12.34312A, 1972-78 - Continued

Zamora II Recorder Well (1976)  
10N.5E.12.34312A

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 37.45 | 38.03 | 38.31 | 38.56 | 38.82 | 38.94 | 39.12 | 39.09 | 39.08 | 38.95 | 38.90 | 38.97 |
| 2   | 37.51 | 38.07 | 38.38 | 38.55 | 38.82 | 38.96 | 39.12 | 39.10 | 39.08 | 38.98 | 38.92 | 38.97 |
| 3   | 37.59 | 38.06 | 38.27 | 38.55 | 38.82 | 38.98 | 39.12 | 39.12 | 39.07 | 38.97 | 38.92 | 38.98 |
| 4   | 37.64 | 38.02 | 38.26 | 38.57 | 38.82 | 39.01 | 39.11 | 39.13 | 39.06 | 38.96 | 38.88 | 38.93 |
| 5   | 37.66 | 38.02 | 38.27 | 38.59 | 38.80 | 39.04 | 39.11 | 39.12 | 39.06 | 38.96 | 38.88 | 38.96 |
| 6   | 37.63 | 38.04 | 38.33 | 38.60 | 38.80 | 39.07 | 39.12 | 39.12 | 39.05 | 38.94 | 38.90 | 38.97 |
| 7   | 37.62 | 38.11 | 38.34 | 38.63 | 38.80 | 39.07 | 39.14 | 39.12 | 39.05 | 38.94 | 38.90 | 38.98 |
| 8   | 37.64 | 38.18 | 38.33 | 38.65 | 38.82 | 39.07 | 39.14 | 39.12 | 39.05 | 38.95 | 38.93 | 38.99 |
| 9   | 37.57 | 38.20 | 38.33 | 38.67 | 38.81 | 39.07 | 39.15 | 39.12 | 39.05 | 39.02 | 38.93 | 38.99 |
| 10  | 37.68 | 38.20 | 38.36 | 38.66 | 38.81 | 39.01 | 39.15 | 39.11 | 39.06 | 39.03 | 38.93 | 38.99 |
| 11  | 37.68 | 38.19 | 38.36 | 38.66 | 38.85 | 38.99 | 39.15 | 39.11 | 39.04 | 39.02 | 38.85 | 38.92 |
| 12  | 37.70 | 38.20 | 38.39 | 38.67 | 38.85 | 38.99 | 39.15 | 39.11 | 39.00 | 39.00 | 38.84 | 38.99 |
| 13  | 37.69 | 38.19 | 38.46 | 38.70 | 38.86 | 38.99 | 39.13 | 39.09 | 38.99 | 39.02 | 38.84 | 38.99 |
| 14  | 37.69 | 38.19 | 38.48 | 38.70 | 38.88 | 38.99 | 39.13 | 39.09 | 38.98 | 39.03 | 38.83 | 38.99 |
| 15  | 37.78 | 38.19 | 38.49 | 38.65 | 38.88 | 38.99 | 39.12 | 39.09 | 38.98 | 39.01 | 38.83 | 38.98 |
| 16  | 37.80 | 38.20 | 38.53 | 38.62 | 38.88 | 39.08 | 39.12 | 39.08 | 38.98 | 38.98 | 38.83 | 38.98 |
| 17  | 37.83 | 38.21 | 38.55 | 38.60 | 38.89 | 39.08 | 39.11 | 39.09 | 38.98 | 38.93 | 38.87 | 39.13 |
| 18  | 37.84 | 38.23 | 38.49 | 38.63 | 38.90 | 39.07 | 39.11 | 39.09 | 38.99 | 38.91 | 39.03 | 39.13 |
| 19  | 37.84 | 38.18 | 38.40 | 38.71 | 38.93 | 39.09 | 39.12 | 39.10 | 39.00 | 38.91 | 38.97 | 39.09 |
| 20  | 37.84 | 38.17 | 38.38 | 38.75 | 38.92 | 39.15 | 39.11 | 39.14 | 39.00 | 38.90 | 38.97 | 39.08 |
| 21  | 37.84 | 38.21 | 38.42 | 38.77 | 38.92 | 39.13 | 39.06 | 39.12 | 39.00 | 38.90 | 38.97 | 39.08 |
| 22  | 37.97 | 38.32 | 38.47 | 38.77 | 38.92 | 39.13 | 39.05 | 39.12 | 39.00 | 38.90 | 38.96 | 39.05 |
| 23  | 37.92 | 38.36 | 38.54 | 38.74 | 38.92 | 39.11 | 39.09 | 39.10 | 38.96 | 38.89 | 38.96 | 39.05 |
| 24  | 37.88 | 38.36 | 38.53 | 38.74 | 38.92 | 39.11 | 39.10 | 39.10 | 38.96 | 38.89 | 38.96 | 39.04 |
| 25  | 37.88 | 38.35 | 38.49 | 38.74 | 38.94 | 39.10 | 39.11 | 39.04 | 38.96 | 38.90 | 38.97 | 39.04 |
| 26  | 37.87 | 38.35 | 38.48 | 38.69 | 38.94 | 39.12 | 39.12 | 39.04 | 38.95 | 38.90 | 38.93 | 39.04 |
| 27  | 37.94 | 38.35 | 38.48 | 38.69 | 38.94 | 39.12 | 39.12 | 39.05 | 38.94 | 38.89 | 38.92 | 39.03 |
| 28  | 38.00 | 38.31 | 38.46 | 38.75 | 38.93 | 39.12 | 39.12 | 39.08 | 38.94 | 38.89 | 38.92 | 39.00 |
| 29  | 38.02 | 38.31 | 38.45 | 38.75 | 38.94 | 39.12 | 39.11 | 39.10 | 38.95 | 38.90 | 38.95 | 39.00 |
| 30  | 38.01 | -     | 38.45 | 38.80 | 38.94 | 39.12 | 39.08 | 39.12 | 38.95 | 38.90 | 38.97 | 38.97 |
| 31  | 38.01 | -     | 38.53 | -     | 38.94 | -     | 39.08 | 39.09 | -     | 38.90 | -     | 38.97 |



Table 4.--Maximum daily water levels for well 10N.5E.12.34312

and well 10N.5E.12.34312A, 1972-78 - Continued

Zamora II Recorder Well (1977)

10N.5E.12.34312A

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 38.94 | 39.13 | 39.09 | 38.97 | 38.62 | 38.50 | 38.43 | 38.44 | 38.37 | 37.87 | 37.75 | 37.50 |
| 2   | 38.95 | 39.07 | 39.00 | 38.97 | 38.62 | 38.50 | 38.45 | 38.44 | 38.37 | 37.87 | 37.75 | 37.50 |
| 3   | 38.95 | 39.07 | 39.00 | 38.78 | 38.62 | 38.50 | 38.45 | 38.44 | 38.36 | 37.90 | 37.75 | 37.50 |
| 4   | 38.95 | 39.12 | 39.01 | 38.78 | 38.60 | 38.50 | 38.45 | 38.44 | 38.35 | 37.95 | 37.75 | 37.50 |
| 5   | 38.98 | 39.17 | 39.05 | 38.78 | 38.58 | 38.50 | 38.45 | 38.40 | 38.32 | 37.91 | 37.77 | 37.47 |
| 6   | 38.98 | 39.13 | 39.10 | 38.78 | 38.58 | 38.54 | 38.45 | 38.40 | 38.31 | 37.89 | 37.73 | 37.47 |
| 7   | 38.99 | 39.13 | 39.11 | 38.82 | 38.59 | 38.54 | 38.45 | 38.40 | 38.31 | 37.86 | 37.64 | 37.45 |
| 8   | 38.97 | 39.13 | 39.12 | 38.83 | 38.61 | 38.51 | 38.47 | 38.42 | 38.31 | 37.86 | 37.62 | 37.42 |
| 9   | 38.95 | 39.13 | 39.11 | 38.79 | 38.62 | 38.50 | 38.49 | 38.43 | 38.29 | 37.86 | 37.62 | 37.42 |
| 10  | 38.95 | 39.12 | 38.97 | 38.78 | 38.63 | 38.50 | 38.50 | 38.42 | 38.29 | 37.85 | 37.71 | 37.48 |
| 11  | 38.95 | 39.12 | 38.97 | 38.78 | 38.63 | 38.48 | 38.49 | 38.41 | 38.26 | 37.85 | 37.79 | 37.49 |
| 12  | 39.01 | 39.12 | 38.90 | 38.68 | 38.62 | 38.47 | 38.49 | 38.41 | 38.25 | 37.85 | 37.82 | 37.48 |
| 13  | 39.02 | 39.16 | 38.89 | 38.64 | 38.61 | 38.46 | 38.45 | 38.42 | 38.22 | 37.85 | 37.83 | 37.48 |
| 14  | 39.02 | 39.13 | 38.89 | 38.57 | 38.58 | 38.46 | 38.44 | 38.40 | 38.17 | 37.85 | 37.79 | 37.49 |
| 15  | 39.02 | 39.08 | 38.90 | 38.55 | 38.58 | 38.45 | 38.45 | 38.40 | 38.15 | 37.85 | 37.74 | 37.43 |
| 16  | 39.04 | 39.08 | 38.95 | 38.55 | 38.56 | 38.36 | 38.45 | 38.41 | 38.13 | 37.85 | 37.74 | 37.39 |
| 17  | 39.09 | 39.05 | 38.95 | 38.57 | 38.45 | 38.35 | 38.42 | 38.44 | 38.13 | 37.85 | 37.74 | 37.39 |
| 18  | 39.09 | 39.05 | 38.90 | 38.58 | 38.45 | 38.35 | 38.41 | 38.46 | 38.13 | 37.85 | 37.70 | 37.40 |
| 19  | 39.10 | 39.05 | 38.90 | 38.58 | 38.46 | 38.34 | 38.41 | 38.46 | 38.10 | 37.85 | 37.57 | 37.41 |
| 20  | 39.15 | 39.02 | 38.90 | 38.55 | 38.47 | 38.40 | 38.41 | 38.45 | 38.07 | 37.85 | 37.56 | 37.42 |
| 21  | 39.15 | 39.00 | 38.90 | 38.66 | 38.47 | 38.41 | 38.42 | 38.42 | 38.06 | 37.84 | 37.56 | 37.42 |
| 22  | 39.14 | 38.95 | 38.95 | 38.68 | 38.47 | 38.40 | 38.42 | 38.40 | 38.05 | 37.84 | 37.59 | 37.42 |
| 23  | 39.14 | 38.95 | 38.94 | 38.70 | 38.47 | 38.40 | 38.45 | 38.40 | 38.03 | 37.84 | 37.60 | -     |
| 24  | 39.11 | 38.97 | 38.94 | 38.71 | 38.45 | 38.41 | 38.45 | 38.45 | 38.00 | 37.84 | 37.60 | -     |
| 25  | 39.10 | 38.98 | 38.95 | 38.71 | 38.45 | 38.42 | 38.40 | 38.39 | 37.98 | 37.84 | 37.61 | -     |
| 26  | 39.09 | 38.98 | 38.95 | 38.68 | 38.45 | 38.44 | 38.40 | 38.36 | 37.98 | 37.84 | 37.60 | -     |
| 27  | 39.05 | 39.02 | 38.95 | 38.65 | 38.45 | 38.44 | 38.43 | 38.36 | 37.98 | 37.78 | 37.56 | -     |
| 28  | 39.05 | 39.08 | 38.95 | 38.65 | 38.44 | 38.44 | 38.45 | 38.36 | 37.98 | 37.78 | 37.51 | -     |
| 29  | 39.06 | -     | 38.96 | 38.65 | 38.43 | 38.44 | 38.45 | 38.37 | 37.95 | 37.78 | 37.51 | -     |
| 30  | 39.07 | -     | 38.96 | 38.65 | 38.43 | 38.43 | 38.44 | 38.37 | 37.87 | 37.77 | 37.51 | -     |
| 31  | 39.10 | -     | 38.96 | -     | 38.45 | -     | 38.44 | 38.37 | -     | 37.75 | -     | -     |

Table 4.--Maximum daily water levels for well 10N.5E.12.34312

and well 10N.5E.12.34312A, 1972-73 - Concluded

Zamora II Recorder Well (1973)

10N.5E.12.34312A

| Day | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 37.60 | 37.65 | 37.07 | 35.52 | 35.21 | 34.53 | 34.37 | 34.25 | 34.04 | 33.93 | 33.99 | 33.55 |
| 2   | 37.61 | 37.65 | 37.03 | 35.48 | 35.20 | 34.53 | 34.36 | 34.25 | 34.04 | 33.90 | 33.96 | 33.59 |
| 3   | 37.61 | 37.66 | 36.96 | 35.45 | 35.20 | 34.53 | 34.35 | 34.25 | 34.05 | 33.90 | 33.88 | 33.59 |
| 4   | 37.58 | 37.66 | 36.94 | 35.44 | 35.18 | 34.52 | 34.34 | 34.29 | 34.07 | 33.88 | 33.88 | 33.60 |
| 5   | 37.58 | 37.67 | 36.90 | 35.40 | 35.15 | 34.50 | 34.33 | 34.33 | 34.04 | 33.88 | 33.83 | 33.52 |
| 6   | 37.56 | 37.67 | 36.85 | 35.39 | 35.15 | 34.49 | 34.33 | 34.31 | 34.01 | 33.92 | 33.84 | 33.52 |
| 7   | 37.56 | 37.67 | 36.84 | 35.37 | 35.15 | 34.49 | 34.34 | 34.28 | 33.99 | 33.92 | 33.87 | 33.52 |
| 8   | 37.57 | 37.64 | 36.81 | 35.37 | 35.20 | 34.49 | 34.35 | 34.27 | 33.97 | 33.91 | 33.90 | 33.58 |
| 9   | 37.57 | 37.64 | 36.75 | 35.35 | 35.23 | 34.51 | 34.35 | 34.25 | 33.97 | 33.89 | 33.79 | 33.70 |
| 10  | 37.57 | 37.64 | 36.63 | 35.34 | 35.25 | 34.48 | 34.35 | 34.21 | 33.94 | 33.90 | 33.78 | 33.76 |
| 11  | 37.57 | 37.58 | 36.54 | 35.35 | 35.24 | 34.47 | 34.34 | 34.16 | 33.85 | 33.88 | 33.78 | 33.76 |
| 12  | 37.57 | 37.56 | 36.47 | 35.34 | 35.23 | 34.47 | 34.33 | 34.14 | 33.85 | 33.84 | 33.78 | 33.77 |
| 13  | 37.58 | 37.55 | 36.34 | 35.33 | 35.24 | 34.51 | 34.33 | 34.14 | 33.85 | 33.84 | 33.78 | 33.77 |
| 14  | 37.58 | 37.55 | 36.30 | 35.35 | 35.23 | 34.51 | 34.33 | 34.13 | 33.87 | 33.96 | 33.77 | 33.75 |
| 15  | 37.58 | 37.51 | 36.30 | 35.35 | 35.16 | 34.48 | 34.33 | 34.13 | 33.94 | 33.98 | 33.77 | 33.69 |
| 16  | 37.58 | 37.49 | 36.30 | 35.34 | 35.05 | 34.47 | 34.35 | 34.15 | 33.95 | 33.93 | 33.77 | 33.69 |
| 17  | 37.58 | 37.49 | 36.30 | 35.34 | 35.00 | 34.47 | 34.30 | 34.13 | 33.88 | 33.92 | 33.79 | 33.75 |
| 18  | 37.58 | 37.49 | 36.23 | 35.35 | 34.44 | 34.47 | 34.30 | 34.12 | 33.86 | 33.91 | 33.79 | 33.65 |
| 19  | 37.60 | 37.47 | 36.14 | 35.38 | 34.53 | 34.40 | 34.31 | 34.14 | 33.86 | 33.94 | 33.80 | 33.60 |
| 20  | 37.60 | 37.45 | 36.06 | 35.39 | 34.62 | 34.40 | 34.32 | 34.18 | 33.88 | 33.90 | 33.80 | 33.60 |
| 21  | 37.60 | 37.45 | 35.99 | 35.33 | 34.68 | 34.40 | 34.29 | 34.19 | 33.94 | 33.79 | 33.78 | 33.70 |
| 22  | 37.64 | 37.47 | 35.92 | 35.33 | 34.67 | 34.40 | 34.27 | 34.16 | 34.02 | 33.76 | 33.69 | 33.75 |
| 23  | 37.64 | 37.45 | 35.84 | 35.33 | 34.63 | 34.40 | 34.27 | 34.12 | 34.06 | 33.79 | 33.69 | 33.69 |
| 24  | 37.61 | 37.35 | 35.80 | 35.37 | 34.61 | 34.41 | 34.30 | 34.12 | 34.08 | 33.82 | 33.67 | 33.70 |
| 25  | 37.51 | 37.31 | 35.77 | 35.37 | 34.61 | 34.38 | 34.33 | 34.09 | 34.05 | 33.78 | 33.61 | 33.73 |
| 26  | 37.64 | 37.26 | 35.75 | 35.33 | 34.60 | 34.36 | 34.32 | 34.06 | 33.98 | 33.78 | 33.67 | 33.73 |
| 27  | 37.65 | 37.28 | 35.73 | 35.30 | 34.60 | 34.36 | 34.31 | 34.05 | 33.98 | 33.86 | 33.67 | 33.75 |
| 28  | 37.65 | 37.15 | 35.70 | 35.30 | 34.60 | 34.36 | 34.30 | 34.05 | 33.98 | 33.88 | 33.63 | 33.68 |
| 29  | 37.65 | -     | 35.65 | 35.27 | 34.60 | 34.40 | 34.29 | 34.05 | 33.92 | 33.90 | 33.65 | 33.67 |
| 30  | 37.65 | -     | 35.66 | 35.24 | 34.56 | 34.38 | 34.28 | 34.06 | 33.92 | 33.89 | 33.65 | 33.67 |
| 31  | 37.65 | -     | 35.60 | -     | 34.53 | -     | 34.28 | 34.05 | -     | 33.90 | -     | 33.67 |

Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and

well 10N.5E.12.43434, 1972-78

[Values are in feet below land surface]

Home Oil Recorder Well (1972)  
10N.5E.12.43244

| DAY | JAN | FEB | MAR | APR | MAY | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| 1   | -   | -   | -   | -   | -   | -     | 37.42 | -     | 38.02 | 34.85 | 31.61 | 31.03 |
| 2   | -   | -   | -   | -   | -   | -     | 37.51 | -     | 37.97 | 34.90 | 31.56 | 31.02 |
| 3   | -   | -   | -   | -   | -   | -     | 37.60 | -     | 37.45 | 34.86 | 31.48 | 30.99 |
| 4   | -   | -   | -   | -   | -   | -     | 37.63 | 39.45 | 37.06 | 34.85 | 31.43 | 30.37 |
| 5   | -   | -   | -   | -   | -   | -     | 37.74 | 39.38 | 36.80 | 34.87 | 31.39 | 30.95 |
| 6   | -   | -   | -   | -   | -   | -     | 37.81 | 39.33 | 36.76 | 34.85 | 31.39 | 31.05 |
| 7   | -   | -   | -   | -   | -   | -     | 38.02 | 39.28 | 36.73 | 34.85 | 31.44 | 31.16 |
| 8   | -   | -   | -   | -   | -   | -     | 37.98 | 39.29 | 36.79 | 34.82 | 31.40 | 31.05 |
| 9   | -   | -   | -   | -   | -   | -     | 38.08 | 39.28 | 37.01 | 34.72 | 31.40 | 31.03 |
| 10  | -   | -   | -   | -   | -   | -     | 38.12 | 39.21 | 36.96 | 34.47 | 31.48 | 31.07 |
| 11  | -   | -   | -   | -   | -   | -     | 38.23 | 39.21 | 36.89 | 34.93 | 31.40 | 31.08 |
| 12  | -   | -   | -   | -   | -   | -     | 38.24 | 39.23 | 36.13 | 34.53 | 31.41 | 31.08 |
| 13  | -   | -   | -   | -   | -   | -     | 38.32 | 39.24 | 35.60 | 34.97 | 31.59 | 31.08 |
| 14  | -   | -   | -   | -   | -   | -     | 38.42 | 39.23 | 35.15 | 34.80 | 31.55 | 31.17 |
| 15  | -   | -   | -   | -   | -   | -     | 38.48 | 39.27 | 35.03 | 34.68 | 31.50 | 31.17 |
| 16  | -   | -   | -   | -   | -   | -     | 38.61 | 39.29 | 34.87 | 34.55 | 31.49 | 31.26 |
| 17  | -   | -   | -   | -   | -   | -     | 38.90 | 39.24 | 34.82 | 34.43 | 31.37 | 31.22 |
| 18  | -   | -   | -   | -   | -   | -     | -     | 39.18 | 34.64 | 34.83 | 31.37 | 31.14 |
| 19  | -   | -   | -   | -   | -   | -     | -     | 39.11 | 34.62 | 34.26 | 31.44 | 31.14 |
| 20  | -   | -   | -   | -   | -   | -     | -     | 38.98 | 34.62 | 34.36 | 31.35 | 31.14 |
| 21  | -   | -   | -   | -   | -   | 37.05 | -     | 38.91 | 34.89 | 34.08 | 31.35 | 31.34 |
| 22  | -   | -   | -   | -   | -   | 37.08 | 38.97 | 38.85 | 35.16 | 33.30 | 31.21 | 31.25 |
| 23  | -   | -   | -   | -   | -   | 37.02 | -     | 38.60 | 35.14 | 33.07 | 31.16 | 31.21 |
| 24  | -   | -   | -   | -   | -   | 37.03 | -     | 38.78 | 34.92 | 32.83 | 31.13 | 31.29 |
| 25  | -   | -   | -   | -   | -   | 37.06 | -     | 38.71 | 34.62 | 32.49 | 31.18 | 31.44 |
| 26  | -   | -   | -   | -   | -   | 37.11 | -     | 38.67 | 34.63 | 32.23 | 31.13 | 31.37 |
| 27  | -   | -   | -   | -   | -   | 37.15 | -     | 38.57 | 34.87 | 31.97 | 31.10 | 31.37 |
| 28  | -   | -   | -   | -   | -   | 37.19 | -     | 38.52 | 34.55 | 31.87 | 31.14 | 31.32 |
| 29  | -   | -   | -   | -   | -   | 37.22 | -     | 38.37 | 34.63 | 31.76 | 31.10 | 31.66 |
| 30  | -   | -   | -   | -   | -   | 37.34 | -     | 38.19 | 34.87 | 31.70 | 31.06 | 31.39 |
| 31  | -   | -   | -   | -   | -   | -     | -     | 38.08 | -     | 31.63 | -     | 31.67 |



Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and  
well 10N.5E.12.43434, 1972-78 - Continued

Home Oil Recorder Well (1973)  
10N.5E.12.43244

| DAY | JAN    | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 31.32  | 30.26 | 25.26 | 21.50 | 21.55 | 23.23 | 25.76 | 27.60 | 29.21 | 30.00 | 31.05 | -     |
| 2   | 31.18  | 30.36 | 24.95 | 21.23 | 21.62 | 23.27 | 25.90 | 27.64 | 29.26 | 30.00 | 31.08 | -     |
| 3   | 31.14  | 30.39 | 24.95 | 20.83 | 21.79 | 23.35 | 26.01 | 27.68 | 29.34 | 30.00 | 31.11 | -     |
| 4   | 31.11  | 30.50 | 24.74 | 20.23 | 21.80 | 23.47 | 26.10 | 27.75 | 29.41 | 30.00 | 31.14 | 31.90 |
| 5   | 31.09  | 30.48 | -     | 19.84 | 21.81 | 23.58 | 26.14 | 27.75 | 29.47 | 30.29 | 31.17 | -     |
| 6   | 31.06  | 30.23 | -     | 19.63 | 21.88 | 23.67 | 26.21 | 27.75 | 29.54 | 30.31 | 31.22 | 32.01 |
| 7   | 31.07  | 29.30 | -     | 19.52 | 21.93 | 23.73 | 26.29 | 27.77 | 29.58 | 30.34 | 31.24 | 32.00 |
| 8   | 31.08  | 28.38 | -     | 19.50 | 21.97 | 23.77 | 26.39 | 27.81 | 29.62 | 30.35 | 31.37 | 32.00 |
| 9   | 31.02  | 27.98 | -     | 19.43 | 22.04 | 23.92 | 26.48 | 27.88 | 29.68 | 30.37 | 31.37 | 32.00 |
| 10  | 30.97  | 27.77 | -     | 19.35 | 22.08 | 23.96 | 26.58 | 27.94 | 29.75 | 30.40 | 31.45 | 31.99 |
| 11  | 31.03  | 27.69 | -     | 19.30 | 22.14 | 24.06 | 26.66 | 27.99 | 29.69 | 30.45 | 31.47 | 31.93 |
| 12  | 31.00  | 27.93 | -     | 19.29 | 22.24 | 24.13 | 26.68 | 28.02 | 29.62 | 30.47 | 31.52 | 31.93 |
| 13  | 30.98  | 27.90 | -     | 19.29 | 22.33 | 24.24 | 26.78 | 28.02 | 29.61 | 30.50 | 31.53 | 31.93 |
| 14  | 31.02  | 27.90 | -     | 19.40 | 22.37 | 24.34 | 26.83 | 28.02 | 29.50 | 30.55 | 31.54 | 31.93 |
| 15  | 30.91E | 27.90 | -     | 19.64 | 22.13 | 24.40 | 26.90 | 28.24 | 29.51 | 30.56 | 31.57 | 31.93 |
| 16  | 30.85E | 27.90 | -     | 19.93 | 22.13 | 24.52 | 27.02 | 28.25 | 29.55 | 30.56 | 31.59 | 32.02 |
| 17  | 30.80E | 27.90 | -     | 20.13 | 22.13 | 24.61 | 27.07 | 28.35 | 29.60 | 30.64 | 31.59 | 32.02 |
| 18  | 30.88E | 27.91 | -     | 20.38 | 22.13 | 24.66 | 27.09 | 28.42 | 29.65 | 30.67 | 31.59 | 32.03 |
| 19  | 30.75  | 28.00 | -     | 20.43 | 22.20 | 24.74 | 26.60 | 28.80 | 29.67 | 30.79 | 31.58 | 32.04 |
| 20  | 30.55  | 27.88 | -     | 20.62 | 22.30 | 24.83 | 26.59 | 28.56 | 29.70 | 30.79 | -     | 32.07 |
| 21  | 30.43  | 27.80 | -     | 20.77 | 22.49 | 24.83 | 26.59 | 28.56 | 29.74 | 30.79 | -     | 32.09 |
| 22  | 30.45  | 27.75 | -     | 20.85 | 22.52 | 24.83 | 26.64 | 28.60 | 29.77 | 30.81 | 31.64 | 32.10 |
| 23  | 30.50  | 27.75 | -     | 20.89 | 22.60 | 24.83 | 26.77 | 28.63 | 29.82 | 30.84 | -     | 32.10 |
| 24  | 30.51  | 27.50 | -     | 20.92 | 22.65 | 24.83 | 26.88 | 28.69 | 29.83 | 30.94 | -     | 32.11 |
| 25  | 30.45  | 27.00 | -     | 20.92 | 22.70 | 24.95 | 27.02 | 28.76 | 29.88 | 30.93 | -     | 32.12 |
| 26  | 30.34  | 26.48 | 23.00 | 21.23 | 22.70 | 25.42 | 27.17 | 28.83 | 29.93 | 30.93 | -     | 32.13 |
| 27  | 30.33  | 26.08 | 23.00 | 21.30 | 22.90 | 25.54 | 27.25 | 28.89 | 29.99 | 30.94 | -     | 32.16 |
| 28  | 30.41  | 25.63 | 23.12 | 21.30 | 22.97 | 25.60 | 27.30 | 28.93 | 30.00 | 30.97 | -     | 32.17 |
| 29  | 30.59  | -     | 23.18 | 21.32 | 23.10 | 25.65 | 27.37 | 29.06 | 30.00 | 30.99 | 31.83 | 32.19 |
| 30  | 30.34  | -     | 23.00 | 21.43 | 23.13 | 25.72 | 27.43 | 29.13 | 30.00 | 30.99 | -     | 32.19 |
| 31  | 30.26  | -     | 22.15 | -     | 23.18 | -     | 27.55 | 29.15 | -     | 31.04 | -     | 32.20 |

E - Estimated



Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and  
well 10N.5E.12.43434, 1972-78 - Continued

Home Oil Recorder Well (1974)  
 10N.5E.12.43244

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 32.22 | 32.48 | 32.85 | 32.67 | 33.14 | 34.10 | 33.15 | 34.07 | 34.00 | 34.04 | 26.29 | 28.78 |
| 2   | 32.24 | 32.48 | 32.67 | 32.70 | 33.16 | 34.03 | 33.26 | 34.67 | 34.00 | 34.06 | -     | 28.84 |
| 3   | 32.28 | 32.51 | 32.87 | 32.72 | 33.20 | 33.95 | 33.38 | 34.06 | 34.00 | 34.08 | -     | 28.91 |
| 4   | 32.30 | 32.54 | 32.87 | 32.74 | 33.23 | 33.90 | 33.50 | 34.06 | 34.00 | 34.10 | -     | 28.98 |
| 5   | 32.32 | 32.55 | 32.88 | 32.78 | 33.28 | 33.84 | 33.60 | 34.06 | 34.00 | 34.13 | -     | 29.03 |
| 6   | 32.34 | 32.55 | 32.90 | 32.79 | 33.30 | 33.76 | 33.65 | 34.06 | 34.00 | 34.11 | -     | 29.07 |
| 7   | 32.37 | 32.55 | 32.90 | 32.79 | 33.33 | 33.69 | 33.70 | 34.05 | 34.00 | 33.47 | -     | 29.14 |
| 8   | 32.37 | 32.60 | 32.90 | 32.79 | 33.36 | 33.66 | 33.73 | 34.05 | 34.00 | 32.96 | -     | 29.23 |
| 9   | 32.38 | 32.65 | 32.91 | 32.81 | 33.40 | 33.67 | 33.78 | 34.04 | 34.00 | 32.69 | -     | 29.31 |
| 10  | 32.40 | 32.67 | 32.91 | 32.80 | 33.42 | 33.67 | 33.80 | 34.05 | 34.00 | 32.53 | -     | 29.34 |
| 11  | 32.40 | 32.64 | 32.91 | 32.80 | 33.53 | 33.67 | 33.82 | 34.05 | 34.01 | 31.35 | -     | 29.47 |
| 12  | 32.40 | 32.65 | 32.83 | 32.80 | 33.53 | 33.67 | 33.84 | 34.08 | 34.01 | 30.37 | -     | 29.55 |
| 13  | 32.41 | 32.65 | 32.75 | 32.80 | 33.53 | 33.67 | 33.87 | 34.12 | 34.05 | 30.00 | -     | 29.65 |
| 14  | 32.42 | 32.66 | 32.73 | 32.83 | 33.56 | 33.67 | 33.88 | 34.16 | 34.07 | -     | -     | 29.72 |
| 15  | 32.41 | 32.68 | 32.72 | 32.85 | 33.60 | 33.63 | 33.89 | 34.19 | 34.08 | -     | -     | 29.79 |
| 16  | 32.40 | 32.70 | 32.72 | 32.86 | 33.63 | 33.54 | 33.90 | 34.19 | 34.10 | -     | -     | 29.87 |
| 17  | 32.40 | 32.74 | 32.70 | 32.87 | 33.66 | 33.44 | 33.96 | 34.22 | 34.12 | -     | -     | 29.97 |
| 18  | 32.38 | 32.74 | 32.69 | 32.87 | 33.71 | 33.36 | 33.96 | 34.25 | 34.12 | -     | -     | 30.00 |
| 19  | 32.41 | 32.77 | 32.68 | 32.87 | 33.72 | 33.34 | 33.96 | 34.28 | 34.12 | -     | -     | 30.08 |
| 20  | 32.40 | 32.77 | 32.64 | 32.87 | 33.75 | 33.29 | 33.98 | 34.30 | 34.14 | -     | -     | 30.15 |
| 21  | 32.40 | 32.77 | 32.58 | 32.88 | 33.80 | 33.24 | 33.99 | 34.33 | 34.05 | 28.24 | -     | 30.23 |
| 22  | 32.40 | 32.77 | 32.60 | 32.91 | 33.83 | 33.20 | 33.99 | 34.33 | 33.95 | 28.24 | -     | 30.23 |
| 23  | 32.40 | 32.77 | 32.60 | 32.92 | 33.87 | 33.18 | 33.98 | 34.33 | 33.93 | 28.30 | -     | 30.32 |
| 24  | 32.40 | 32.80 | 32.60 | 32.94 | 33.90 | 33.16 | 34.00 | 34.33 | 33.93 | 28.37 | -     | 30.42 |
| 25  | 32.40 | 32.82 | 32.60 | 32.96 | 33.94 | 33.11 | 34.00 | 34.33 | 33.93 | 28.50 | -     | 30.53 |
| 26  | 32.40 | 32.83 | 32.61 | 32.99 | 33.97 | 33.05 | 34.00 | 34.33 | 33.93 | 28.63 | 28.45 | 30.57 |
| 27  | 32.41 | 32.83 | 32.65 | 33.01 | 34.01 | 33.05 | 34.01 | 34.33 | 33.94 | 27.81 | 28.48 | 30.65 |
| 28  | 32.41 | 32.83 | 32.65 | 33.03 | 34.04 | 33.05 | 34.02 | 34.33 | 33.95 | 27.13 | 28.52 | 30.76 |
| 29  | 32.41 | -     | 32.66 | 33.06 | 34.07 | 33.95 | 34.03 | 34.19 | 33.97 | 26.87 | 28.63 | 30.83 |
| 30  | 32.45 | -     | 32.67 | 33.11 | 34.06 | 33.95 | 34.05 | 34.10 | 34.01 | 26.54 | 28.71 | 30.93 |
| 31  | 32.45 | -     | 32.67 | -     | 34.11 | -     | 34.06 | 34.04 | -     | 26.34 | -     | 30.95 |

\*Recorder removed - NMSHD request      \*\*Recorder re-installed.

Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and  
well 10N.5E.12.43434, 1972-78 - Continued

Home Oil Recorder Well (1975)  
10N.5E.12.43244

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 31.10 | 17.73 | 23.77 | -     | 28.62 | 30.06 | 31.69 | 32.20 | -     | -     | -     | -     |
| 2   | 31.13 | -     | 22.67 | -     | 28.65 | 30.03 | 31.73 | 32.22 | -     | -     | -     | -     |
| 3   | 31.20 | -     | -     | -     | 28.70 | 30.03 | 31.85 | 32.33 | -     | -     | -     | -     |
| 4   | 31.28 | -     | -     | -     | 28.75 | 30.03 | 31.90 | 32.36 | -     | -     | -     | -     |
| 5   | 31.30 | -     | -     | -     | 28.80 | 30.01 | 31.90 | 32.39 | -     | -     | -     | -     |
| 6   | 31.37 | -     | -     | -     | 28.85 | 30.18 | 31.95 | 1/    | -     | -     | -     | -     |
| 7   | 31.40 | -     | -     | -     | 28.93 | 30.24 | 32.01 | -     | -     | -     | -     | -     |
| 8   | 31.43 | -     | -     | -     | 28.97 | 30.29 | 32.03 | -     | -     | 32.92 | -     | -     |
| 9   | 31.47 | -     | 15.03 | -     | 29.05 | 30.34 | 32.10 | -     | -     | -     | -     | -     |
| 10  | 31.52 | -     | 15.30 | -     | 29.10 | 30.40 | 32.10 | -     | -     | -     | -     | -     |
| 11  | 31.56 | -     | 15.03 | -     | 29.12 | 30.47 | 32.10 | -     | 32.37 | -     | -     | -     |
| 12  | 31.63 | 20.72 | 15.28 | -     | 29.17 | 30.56 | 32.10 | -     | 32.37 | -     | 33.44 | -     |
| 13  | 31.69 | 20.60 | 17.15 | -     | 29.20 | 30.57 | 32.10 | -     | 32.43 | -     | -     | -     |
| 14  | 31.73 | 20.45 | -     | -     | 29.28 | 30.63 | 32.10 | -     | 32.50 | -     | -     | -     |
| 15  | 31.74 | 20.33 | -     | 27.78 | 29.35 | 30.69 | 32.10 | -     | 32.55 | -     | -     | -     |
| 16  | 31.76 | 20.27 | -     | 27.78 | 29.39 | 30.74 | 32.10 | -     | 32.60 | -     | -     | -     |
| 17  | 31.81 | 20.21 | -     | 27.81 | 29.40 | 30.81 | 32.10 | -     | 32.64 | -     | -     | 33.74 |
| 18  | 31.81 | 20.10 | -     | 27.85 | 29.54 | 30.86 | 32.10 | -     | 32.67 | -     | -     | 33.74 |
| 19  | 31.83 | 20.02 | -     | 27.91 | 29.61 | 30.90 | 32.10 | -     | 32.71 | -     | -     | 33.75 |
| 20  | 31.87 | 20.02 | -     | 28.04 | 29.68 | 30.90 | 32.10 | -     | 32.74 | -     | -     | 33.77 |
| 21  | 31.87 | 20.02 | -     | 28.10 | 29.73 | 30.54 | 32.10 | -     | 32.76 | -     | -     | 33.77 |
| 22  | 31.93 | 19.82 | -     | 28.15 | 29.71 | 30.54 | 32.07 | -     | 32.79 | -     | -     | 33.77 |
| 23  | 31.96 | 19.76 | -     | 28.20 | 29.78 | 30.69 | 32.05 | -     | -     | -     | -     | 33.78 |
| 24  | 31.97 | 19.75 | -     | 28.21 | 29.83 | 31.01 | 32.05 | -     | -     | -     | -     | 33.78 |
| 25  | 31.99 | 19.75 | -     | 28.34 | 29.90 | 31.29 | 32.05 | -     | -     | -     | -     | 33.78 |
| 26  | 32.01 | 23.08 | -     | 28.38 | 29.90 | 31.39 | 32.02 | -     | -     | -     | -     | 33.78 |
| 27  | 32.01 | 23.77 | -     | 28.42 | 29.83 | 31.45 | 32.02 | -     | -     | -     | -     | 33.78 |
| 28  | 32.00 | 23.75 | -     | 28.52 | 29.76 | 31.54 | 32.07 | -     | -     | -     | -     | 33.77 |
| 29  | 32.00 | -     | -     | 28.52 | 29.71 | 31.66 | 32.08 | -     | -     | -     | -     | 33.77 |
| 30  | 15.65 | -     | -     | 28.56 | 29.79 | 31.70 | 32.10 | -     | -     | -     | -     | 33.77 |
| 31  | 15.53 | -     | -     | -     | 30.04 | -     | 32.16 | -     | -     | -     | -     | 33.77 |

1/ Following water levels for well 10N.5E.12.43434

Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and

well 10N.5E.12.43434, 1972-78 - Continued

Home Oil II Recorder Well (1976)

10N.5E.12.43434

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1   | 33.77 | 34.44 | 32.06 | 31.15 | 33.78 | 36.11 | 36.33 | -     | -    | -     | 37.14 | 37.28 |
| 2   | -     | 34.48 | 31.94 | 31.20 | 33.88 | 36.13 | 36.38 | -     | -    | -     | 37.14 | 37.30 |
| 3   | -     | 34.53 | 31.84 | 31.24 | 33.99 | 36.17 | 36.41 | -     | -    | -     | 37.14 | 37.30 |
| 4   | -     | 34.57 | 31.74 | 31.28 | 34.10 | 36.18 | 36.44 | -     | -    | -     | 37.14 | 37.30 |
| 5   | -     | 34.62 | 31.66 | 31.32 | 34.20 | 36.20 | 36.48 | -     | -    | -     | 37.15 | 37.30 |
| 6   | -     | 34.65 | 31.60 | 31.36 | 34.31 | 36.23 | 36.52 | -     | -    | -     | 37.15 | 37.31 |
| 7   | -     | 34.63 | 31.52 | 31.40 | 34.31 | 36.24 | 36.56 | -     | -    | -     | 37.15 | 37.34 |
| 8   | -     | 34.72 | 31.46 | 31.45 | 34.47 | 36.27 | 36.58 | -     | -    | -     | 37.15 | 37.35 |
| 9   | 33.78 | 34.75 | 31.40 | 31.50 | 34.57 | 36.27 | 36.65 | -     | -    | -     | 37.15 | 37.37 |
| 10  | 33.79 | 34.76 | 31.35 | 31.55 | 34.67 | 36.27 | 36.68 | -     | -    | -     | 37.15 | 37.38 |
| 11  | 33.79 | 34.27 | 31.30 | 31.60 | 34.73 | 36.27 | 36.72 | -     | -    | -     | 37.15 | 37.40 |
| 12  | 33.80 | 34.25 | 31.25 | 31.65 | 34.84 | 36.25 | 36.72 | -     | -    | 37.09 | 37.15 | 37.42 |
| 13  | -     | 34.21 | 31.22 | 31.72 | 34.93 | 36.23 | 36.73 | -     | -    | 37.09 | -     | 37.45 |
| 14  | -     | 34.16 | -     | 31.80 | 35.02 | 36.22 | 36.73 | -     | -    | 37.09 | -     | 37.47 |
| 15  | -     | 34.09 | -     | 31.88 | 35.10 | 36.20 | 36.83 | -     | -    | 37.09 | -     | 37.50 |
| 16  | -     | 33.98 | 31.10 | 31.97 | 35.18 | 36.19 | -     | -     | -    | 37.09 | -     | 37.52 |
| 17  | -     | 33.86 | 31.06 | 32.09 | 35.25 | 36.18 | -     | -     | -    | 37.09 | 37.18 | 37.54 |
| 18  | -     | 33.73 | 31.02 | -     | 35.32 | 36.18 | -     | -     | -    | 37.09 | 37.19 | 37.57 |
| 19  | -     | 33.60 | 30.97 | -     | 35.45 | -     | -     | 37.80 | -    | 37.09 | 37.21 | 37.61 |
| 20  | -     | 33.44 | 30.94 | 32.47 | 35.53 | -     | -     | -     | -    | 37.10 | 37.22 | -     |
| 21  | -     | 33.30 | 30.92 | 32.56 | 35.58 | -     | -     | -     | -    | 37.10 | 37.22 | -     |
| 22  | 34.15 | 33.17 | 30.91 | 32.68 | 35.63 | 36.22 | 37.36 | -     | -    | 37.10 | 37.22 | 37.85 |
| 23  | 34.15 | 33.03 | 30.91 | 32.80 | 35.70 | 36.22 | -     | -     | -    | 37.10 | 37.23 | 37.87 |
| 24  | 34.13 | 32.87 | 30.91 | 32.93 | 35.76 | 36.24 | -     | -     | -    | 37.10 | 37.24 | 37.89 |
| 25  | 34.21 | 32.72 | 30.92 | 33.08 | 35.82 | 36.26 | -     | -     | -    | 37.10 | 37.25 | 37.92 |
| 26  | 34.22 | 32.59 | 30.94 | 33.20 | 35.87 | 36.27 | -     | -     | -    | 37.11 | 37.25 | 37.93 |
| 27  | 34.23 | 32.44 | 30.97 | 33.31 | 35.92 | 36.27 | -     | -     | -    | 37.11 | 37.25 | 37.95 |
| 28  | 34.26 | 32.31 | 30.97 | 33.43 | 35.97 | 36.29 | -     | -     | -    | 37.12 | 37.25 | 37.97 |
| 29  | 34.31 | 32.18 | 31.01 | 33.56 | 36.01 | 36.31 | -     | -     | -    | 37.13 | 37.27 | 38.00 |
| 30  | 34.35 | -     | 31.05 | 33.66 | 36.05 | 36.34 | -     | -     | -    | 37.13 | 37.28 | 38.04 |
| 31  | 34.39 | -     | 31.10 | -     | 36.09 | -     | -     | -     | -    | 37.14 | -     | 38.05 |



Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and  
well 10N.5E.12.43434, 1972-78 - Continued

Home Oil II Recorder Well (1977)  
10N.5E.12.43434

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 38.08 | 38.62 | 38.59 | 37.48 | 37.85 | 37.93 | 38.48 | 39.55 | 36.86 | 36.01 | 37.48 | 37.15 |
| 2   | 38.12 | 38.62 | 38.56 | 37.47 | 37.86 | 37.93 | 38.54 | 39.56 | 36.79 | 36.08 | 37.50 | 37.14 |
| 3   | 38.15 | 38.63 | 38.53 | 37.46 | 37.87 | 37.94 | 38.59 | 39.57 | 36.74 | 36.15 | 37.52 | 37.11 |
| 4   | 38.17 | 38.63 | 38.51 | 37.45 | 37.88 | 37.94 | 38.64 | 39.57 | 36.67 | 36.21 | 37.55 | 37.10 |
| 5   | 38.19 | 38.64 | 38.48 | 37.45 | 37.89 | 37.94 | 38.65 | 39.57 | 36.60 | 36.29 | 37.57 | 37.09 |
| 6   | 38.23 | 38.64 | 38.45 | 37.45 | 37.89 | 37.94 | 38.69 | 39.57 | 36.50 | 36.36 | 37.50 | 37.07 |
| 7   | 38.25 | 38.65 | 38.42 | 37.45 | 37.90 | 37.94 | 38.74 | 39.57 | 36.39 | 36.44 | 37.61 | 37.05 |
| 8   | 38.33 | 38.65 | 38.40 | 37.46 | 37.90 | 37.94 | 38.79 | 39.57 | 36.27 | 36.50 | 37.62 | 37.02 |
| 9   | 38.36 | 38.65 | 38.36 | 37.46 | 37.92 | 37.95 | 38.84 | 39.57 | 36.15 | 36.57 | 37.65 | 37.00 |
| 10  | 38.38 | 38.65 | 38.31 | 37.47 | 37.93 | 37.95 | 38.83 | 39.57 | 36.03 | 36.64 | 37.68 | 36.96 |
| 11  | 38.40 | 38.65 | 38.27 | 37.47 | 37.94 | 37.95 | 38.92 | 39.57 | 35.92 | 36.70 | 37.69 | 36.94 |
| 12  | 38.40 | 38.65 | 38.23 | 37.48 | 37.95 | 37.95 | 38.96 | 39.57 | 35.83 | 36.76 | 37.70 | 36.90 |
| 13  | 38.42 | 38.65 | 38.20 | 37.49 | 37.95 | 37.94 | 38.99 | 39.57 | 35.73 | 36.83 | 37.70 | 36.85 |
| 14  | 38.45 | 38.65 | 38.15 | 37.50 | 37.96 | 37.94 | 39.04 | 39.57 | 35.66 | 36.88 | 37.70 | 36.81 |
| 15  | 38.46 | 38.60 | 38.13 | 37.51 | 37.96 | 37.94 | 39.08 | 39.57 | 35.60 | 36.93 | 37.69 | 36.76 |
| 16  | 38.47 | 38.60 | 38.09 | -     | 37.96 | 37.93 | 39.11 | 39.57 | 35.55 | 36.98 | 37.67 | 36.74 |
| 17  | 38.49 | 38.60 | 38.04 | -     | 37.94 | 37.93 | 39.15 | 39.57 | 35.54 | 37.02 | 37.65 | 36.70 |
| 18  | -     | 38.60 | 37.99 | -     | 37.95 | 37.98 | 39.18 | 39.55 | 35.52 | 37.05 | 37.61 | 36.68 |
| 19  | 38.47 | 38.60 | 37.96 | -     | 37.95 | 37.99 | 39.22 | 39.48 | 35.51 | 37.10 | 37.57 | 36.65 |
| 20  | 38.49 | 38.60 | 37.92 | -     | 37.95 | 38.01 | 39.25 | 39.33 | 35.53 | 37.13 | 37.53 | 36.64 |
| 21  | 38.51 | 38.61 | 37.88 | 37.64 | 37.95 | 38.03 | 39.28 | 39.10 | 35.54 | 37.16 | 37.49 | 36.62 |
| 22  | 38.53 | 38.61 | 37.85 | 37.65 | 37.95 | 38.05 | 39.31 | 39.87 | 35.55 | 37.20 | 37.45 | 36.60 |
| 23  | 38.55 | 38.61 | 37.80 | 37.67 | 37.94 | 38.09 | 39.33 | 38.53 | 35.60 | 37.23 | 37.41 | -     |
| 24  | 38.56 | 38.61 | 37.75 | 37.71 | 37.94 | 38.13 | 39.36 | 38.25 | 35.63 | 37.26 | 37.37 | -     |
| 25  | 38.58 | 38.62 | 37.70 | 37.74 | 37.94 | 38.17 | 39.38 | 37.98 | 35.66 | 37.29 | 37.33 | -     |
| 26  | 38.59 | 38.62 | 37.65 | 37.78 | 37.93 | 38.21 | 39.40 | 37.75 | 35.71 | 37.32 | 37.29 | -     |
| 27  | 38.60 | 38.62 | 37.63 | 37.80 | 37.93 | 38.26 | 39.45 | 37.53 | 35.76 | 37.35 | 37.25 | -     |
| 28  | 38.60 | 38.61 | 37.58 | 37.82 | 37.93 | 38.32 | 39.47 | 37.35 | 35.83 | 37.38 | 37.22 | -     |
| 29  | 38.60 | -     | 37.55 | 37.83 | 37.93 | 38.37 | 39.50 | 37.19 | 35.89 | 37.41 | 37.20 | -     |
| 30  | 38.61 | -     | 37.52 | 37.85 | 37.93 | 38.42 | 39.52 | 37.06 | 35.95 | 37.44 | 37.18 | -     |
| 31  | 38.61 | -     | 37.50 | -     | 37.93 | -     | 39.54 | 36.95 | -     | 37.46 | -     | -     |

Table 5.--Maximum daily water levels for well 10N.5E.12.43244 and

well 10N.5E.12.43434, 1972-78 - Concluded

Home Oil II Recorder Well (1978)

10N.5E.12.43434

| Day | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 36.55 | 36.55 | 33.34 | 30.42 | 32.86 | 31.90 | 32.23 | 32.94 | 31.80 | 30.50 | 31.06 | 29.21 |
| 2   | 36.54 | 36.52 | 33.26 | 30.48 | 32.93 | 31.87 | 32.26 | 32.90 | 31.74 | 30.52 | 31.06 | 29.10 |
| 3   | 36.54 | 36.49 | 33.19 | 30.54 | 32.99 | 31.86 | 32.29 | 32.87 | 31.66 | 30.53 | 31.06 | 29.00 |
| 4   | 36.54 | 36.44 | 33.10 | 30.61 | 33.06 | 31.84 | 32.32 | 32.84 | 31.60 | 30.54 | 31.05 | 28.91 |
| 5   | 36.54 | 36.39 | 33.00 | 30.67 | 33.12 | 31.83 | 32.35 | 32.81 | 31.53 | 30.55 | 31.04 | 28.84 |
| 6   | 36.53 | 36.31 | 32.85 | 30.76 | 33.18 | 31.81 | 32.39 | 32.79 | 31.48 | 30.57 | 31.02 | 28.74 |
| 7   | 36.53 | 36.24 | 32.67 | 30.84 | 33.20 | 31.80 | 32.42 | 32.76 | 31.43 | 30.58 | 31.01 | 28.65 |
| 8   | 36.53 | 36.16 | 32.48 | 30.91 | 33.20 | 31.80 | 32.45 | 32.74 | 30.40 | 30.60 | 30.98 | 28.58 |
| 9   | 36.53 | 36.08 | 32.26 | 30.99 | 33.20 | 31.80 | 32.49 | 32.71 | 30.37 | 30.62 | 30.95 | 28.51 |
| 10  | 36.53 | 35.97 | 32.02 | 31.08 | 33.17 | 31.80 | 32.52 | 32.68 | 30.34 | 30.63 | 30.91 | 28.43 |
| 11  | 36.54 | 35.85 | 31.80 | 31.16 | 33.13 | 31.80 | 32.55 | 32.65 | 30.32 | 30.65 | 30.88 | 28.36 |
| 12  | 36.55 | 35.72 | 31.56 | 31.26 | 33.08 | 31.80 | 32.60 | 32.60 | 30.30 | 30.67 | 30.85 | 28.30 |
| 13  | 36.55 | 35.58 | 31.35 | 31.35 | 33.01 | 31.80 | 32.63 | 32.55 | 30.30 | 30.69 | 30.81 | 28.23 |
| 14  | 36.55 | 35.43 | 31.15 | 31.44 | 32.93 | 31.82 | 32.67 | 32.47 | 30.29 | 30.72 | 30.75 | 28.15 |
| 15  | 36.57 | 35.28 | 31.00 | 31.51 | 32.86 | 31.83 | 32.71 | 32.38 | 30.29 | 30.74 | 30.68 | 28.09 |
| 16  | 36.57 | 35.12 | 30.85 | 31.62 | 32.78 | 31.85 | 32.75 | 32.29 | 30.29 | 30.76 | 30.62 | 28.04 |
| 17  | 36.59 | 34.90 | 30.71 | 31.71 | 32.68 | 31.86 | 32.79 | 32.19 | 30.29 | 30.78 | 30.54 | 27.99 |
| 18  | 36.60 | 34.75 | 30.59 | 31.81 | 32.61 | 31.89 | 32.80 | 32.08 | 30.30 | 30.80 | 30.37 | 27.95 |
| 19  | 36.57 | 34.59 | 30.49 | 31.89 | 32.54 | 31.90 | 32.83 | 31.97 | 30.30 | 30.82 | 30.29 | 27.92 |
| 20  | 36.58 | 34.45 | 30.40 | 31.97 | 32.48 | 31.92 | 32.87 | 31.87 | 30.31 | 30.84 | 30.29 | 27.88 |
| 21  | 36.59 | 34.31 | 30.34 | 32.05 | 32.42 | 31.95 | 32.91 | 31.78 | 30.32 | 30.86 | 30.20 | 27.84 |
| 22  | 36.60 | 34.16 | 30.29 | 32.13 | 32.35 | 31.98 | 32.95 | 31.67 | 30.34 | 30.88 | 30.10 | 27.79 |
| 23  | 36.61 | 34.02 | 30.25 | 32.21 | 32.29 | 32.01 | 32.99 | 31.57 | 30.36 | 30.90 | 29.95 | 27.73 |
| 24  | 36.62 | 33.89 | 30.23 | 32.30 | 32.22 | 31.94 | 33.05 | 31.48 | 30.39 | 30.92 | 29.85 | 27.68 |
| 25  | 36.62 | 33.76 | 30.23 | 32.43 | 32.15 | 31.95 | 33.08 | 31.37 | 30.41 | 30.94 | 29.78 | 27.63 |
| 26  | 36.62 | 33.74 | 30.23 | 32.50 | 32.11 | 31.98 | 33.09 | 31.28 | 30.42 | 30.90 | 29.70 | 27.67 |
| 27  | 36.62 | 33.53 | 30.24 | 32.58 | 32.07 | 32.01 | 33.08 | 31.19 | 30.44 | 31.04 | 29.60 | 27.67 |
| 28  | 36.61 | 33.43 | 30.25 | 32.64 | 32.03 | 32.05 | 33.06 | 31.10 | 30.46 | 31.05 | 29.51 | 27.67 |
| 29  | 36.60 | -     | 30.30 | 32.74 | 31.99 | 32.09 | 33.04 | 31.03 | 30.48 | 31.05 | 29.40 | 27.67 |
| 30  | 36.59 | -     | 30.32 | 32.79 | 31.95 | 32.14 | 33.00 | 30.95 | 30.49 | 31.05 | 29.31 | 27.67 |
| 31  | 36.56 | -     | 30.37 | -     | 31.92 | -     | 32.98 | 31.87 | -     | 31.06 | -     | 27.68 |

Table 6.--Maximum daily water levels for well 10N,5E.22.14321, well 10N,5E.22.14323,  
and well 10N,5E.22.14322, 1972-78

[Values are in feet below land surface]

Tijeras Recorder Well (1972)  
10N,5E.22.14321

| DAY | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT  | OCT   | NOV   | DEC   |
|-----|-----|-----|-----|-----|-----|------|------|-----|-------|-------|-------|-------|
| 1   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.69 | 56.64 | 56.11 |
| 2   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.77 | 56.62 | 56.13 |
| 3   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.77 | 56.61 | 56.13 |
| 4   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.82 | 56.57 | 56.13 |
| 5   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.85 | 56.56 | 56.13 |
| 6   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.88 | 56.50 | 56.16 |
| 7   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.91 | 56.55 | 56.17 |
| 8   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.92 | 56.50 | 56.17 |
| 9   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.99 | 56.49 | 56.20 |
| 10  | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.99 | 56.46 | 56.20 |
| 11  | -   | -   | -   | -   | -   | -    | -    | -   | -     | 57.99 | 56.43 | 56.22 |
| 12  | -   | -   | -   | -   | -   | -    | -    | -   | -     | 58.03 | 56.42 | 56.22 |
| 13  | -   | -   | -   | -   | -   | -    | -    | -   | 57.73 | 58.02 | 56.42 | 56.22 |
| 14  | -   | -   | -   | -   | -   | -    | -    | -   | 57.69 | 57.98 | 56.39 | 56.26 |
| 15  | -   | -   | -   | -   | -   | -    | -    | -   | 57.62 | 57.92 | 56.39 | 56.27 |
| 16  | -   | -   | -   | -   | -   | -    | -    | -   | 57.58 | 57.90 | 56.39 | 56.27 |
| 17  | -   | -   | -   | -   | -   | -    | -    | -   | 57.56 | 57.85 | 56.38 | 56.26 |
| 18  | -   | -   | -   | -   | -   | -    | -    | -   | 57.54 | 57.83 | 56.35 | 56.25 |
| 19  | -   | -   | -   | -   | -   | -    | -    | -   | 57.54 | 57.72 | 56.28 | 56.19 |
| 20  | -   | -   | -   | -   | -   | -    | -    | -   | 57.53 | 57.54 | 56.19 | 56.17 |
| 21  | -   | -   | -   | -   | -   | -    | -    | -   | 57.53 | 57.37 | 56.14 | 56.17 |
| 22  | -   | -   | -   | -   | -   | -    | -    | -   | 57.52 | 57.31 | 56.12 | 56.17 |
| 23  | -   | -   | -   | -   | -   | -    | -    | -   | 57.51 | 57.21 | 56.11 | 56.17 |
| 24  | -   | -   | -   | -   | -   | -    | -    | -   | 57.51 | 57.17 | 56.05 | 56.21 |
| 25  | -   | -   | -   | -   | -   | -    | -    | -   | 57.51 | 57.09 | 56.04 | 56.22 |
| 26  | -   | -   | -   | -   | -   | -    | -    | -   | 57.52 | 56.98 | 56.03 | 56.27 |
| 27  | -   | -   | -   | -   | -   | -    | -    | -   | 57.54 | 56.89 | 56.03 | 56.30 |
| 28  | -   | -   | -   | -   | -   | -    | -    | -   | 57.58 | 56.84 | 56.11 | 56.28 |
| 29  | -   | -   | -   | -   | -   | -    | -    | -   | 57.62 | 56.76 | 56.11 | 56.23 |
| 30  | -   | -   | -   | -   | -   | -    | -    | -   | 57.67 | 56.71 | 56.10 | 56.22 |
| 31  | -   | -   | -   | -   | -   | -    | -    | -   | -     | 56.67 | -     | 56.21 |



Table 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323,  
and well 10N.5E.22.14322, 1972-78 - Continued

Tijeras Recorder Well (1973)  
10N.5E.22.14321

| DAY | JAN   | FEB   | MAR   | APR     | MAY     | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|---------|---------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 56.21 | 55.52 | 54.51 | 53.85   | 49.85 E | 49.15 | 51.05 | 50.77 | 51.96 | 52.57 | 52.81 | 52.91 |
| 2   | 56.19 | 55.51 | 54.50 | 53.81   | 49.73 E | 49.21 | 51.02 | 50.82 | 52.03 | 52.58 | 52.81 | 52.91 |
| 3   | 56.17 | 55.49 | 54.50 | 53.71   | 49.60 E | 49.26 | 50.80 | 50.95 | 52.04 | 52.58 | 52.83 | 52.92 |
| 4   | 56.14 | 55.47 | 54.46 | 53.55   | 49.47 E | 49.33 | 50.64 | 51.01 | 52.17 | 52.60 | 52.84 | 52.93 |
| 5   | 56.12 | 55.42 | 54.46 | 53.35   | 49.35 E | 49.35 | 50.44 | 51.11 | 52.20 | 52.63 | 52.87 | 52.93 |
| 6   | 56.09 | 55.27 | 54.46 | 53.20   | 49.23 E | 49.40 | 50.33 | 51.20 | 52.20 | 52.63 | 52.87 | 52.94 |
| 7   | 56.08 | 55.27 | 54.45 | 53.08   | 49.10 E | 49.56 | 50.30 | 51.33 | 52.27 | 52.65 | 52.87 | 52.93 |
| 8   | 56.04 | 55.23 | 54.44 | 52.97   | 48.97 E | 49.58 | 50.30 | 51.37 | 52.29 | 52.65 | 52.87 | 52.93 |
| 9   | 56.02 | 55.20 | 54.42 | 52.87   | 48.83 E | 49.59 | 50.28 | 51.43 | 52.29 | 52.65 | 52.85 | 52.92 |
| 10  | 56.00 | 55.17 | 54.39 | 52.73   | 48.68 E | 49.65 | 50.29 | 51.49 | 52.22 | 52.67 | 52.85 | 52.94 |
| 11  | 55.99 | 55.13 | 54.36 | 52.60   | 48.63   | 49.55 | 50.29 | 51.55 | 52.24 | 52.68 | 52.85 | 52.96 |
| 12  | 55.94 | 55.13 | 54.33 | 52.48   | 48.63   | 49.44 | 50.30 | 51.55 | 52.24 | 53.72 | 52.85 | 53.00 |
| 13  | 55.94 | 55.09 | 54.30 | 52.35   | 48.78   | 49.40 | 50.07 | 51.58 | 52.31 | 52.75 | 52.85 | 53.02 |
| 14  | 55.92 | 55.06 | 54.30 | 52.19   | 48.84   | 49.40 | 49.94 | 51.51 | 52.39 | 52.79 | 52.85 | 53.04 |
| 15  | 55.88 | 55.05 | 54.24 | 52.08   | 48.82   | 49.41 | 49.93 | 51.55 | 52.39 | 52.66 | 52.85 | 53.04 |
| 16  | 55.87 | 54.96 | 54.28 | 51.92   | 48.81   | 49.38 | 49.97 | 51.55 | 52.39 | 52.67 | 52.85 | 53.05 |
| 17  | 55.84 | 54.86 | 54.24 | 51.87   | 48.84   | 49.35 | 49.94 | 51.63 | 52.40 | 52.68 | 52.85 | 53.05 |
| 18  | 55.83 | 54.85 | 54.22 | 51.88   | 48.90   | 49.35 | 49.78 | 51.68 | 52.40 | 52.70 | 52.85 | 53.06 |
| 19  | 55.75 | 54.84 | 54.23 | -       | 48.95   | 49.37 | 49.66 | 51.73 | 52.40 | 52.73 | 52.85 | 53.08 |
| 20  | 55.74 | 54.76 | 54.20 | 52.37   | 48.96   | 49.33 | 49.60 | 51.76 | 52.40 | 52.73 | 52.85 | 53.11 |
| 21  | 55.72 | 54.76 | 54.18 | 52.20   | 49.00   | 49.11 | 49.59 | 51.85 | 52.40 | 52.73 | 52.87 | 53.09 |
| 22  | 55.71 | 54.70 | 54.17 | 51.96   | 49.04   | 48.87 | 49.58 | 51.92 | 52.40 | 52.73 | 52.88 | 53.08 |
| 23  | 55.71 | 54.68 | 54.16 | 51.73 E | 49.15   | 48.80 | 49.61 | 51.87 | 52.40 | 52.73 | 52.88 | 53.08 |
| 24  | 55.68 | 54.66 | 54.16 | 51.48 E | 49.20   | 48.74 | 49.63 | 51.89 | 52.40 | 52.73 | 52.88 | 53.08 |
| 25  | 55.66 | 54.65 | 54.14 | 51.32 E | 49.24   | 48.80 | 49.14 | 51.93 | 52.40 | 52.74 | 52.89 | 53.10 |
| 26  | 55.63 | 54.60 | 54.13 | 50.98 E | 49.23   | 48.95 | 49.15 | 51.91 | 52.44 | 52.76 | 52.88 | 53.11 |
| 27  | 55.62 | 54.54 | 54.18 | 50.74 E | 49.23   | 49.55 | 49.42 | 51.89 | 52.47 | 52.78 | 52.90 | 53.12 |
| 28  | 55.62 | 54.63 | 54.16 | 50.50 E | 49.28   | 50.30 | 50.36 | 51.95 | 52.49 | 52.78 | 52.92 | 53.07 |
| 29  | 55.59 | -     | 54.10 | 50.25 E | 49.20   | 50.83 | 50.67 | 51.93 | 52.53 | 52.78 | 52.92 | 53.06 |
| 30  | 55.58 | -     | 54.03 | 49.95 E | 49.10   | 50.80 | 50.87 | 51.97 | 52.54 | 52.79 | 52.91 | 53.06 |
| 31  | 55.57 | -     | 53.93 | -       | 49.10   | -     | 50.81 | 51.95 | -     | 52.80 | -     | 53.06 |

E - Estimated

Table 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323,  
and well 10N.5E.22.14322, 1972-78 - Continued

Tijeras Recorder Well (1974)  
10N.5E.22.14321 and  
replacement well 10N.5E.22.14323

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 53.10 | 53.34 | -     | 34.75 | 34.99 | 35.44 | 34.71 | 35.20 | 36.12 | 35.62 | 35.51 | 35.49 |
| 2   | 53.11 | 53.35 | -     | 34.86 | 35.03 | 35.40 | 38.69 | 35.23 | 36.20 | 35.52 | 35.53 | 35.88 |
| 3   | 53.15 | 53.38 | -     | 34.88 | 34.94 | 35.40 | 35.36 | 35.23 | 36.28 | 35.44 | 35.33 | 35.68 |
| 4   | 53.16 | 53.43 | -     | 35.08 | 34.93 | 35.47 | 34.82 | 35.24 | 36.34 | 35.48 | 35.28 | 35.63 |
| 5   | 53.20 | 53.44 | -     | 35.04 | 34.85 | 35.48 | 34.77 | 35.21 | 35.25 | 35.37 | 37.34 | 35.53 |
| 6   | 53.24 | 53.43 | -     | 34.82 | 34.86 | 35.46 | 34.77 | 35.30 | 36.19 | 35.33 | 35.83 | 35.52 |
| 7   | 53.28 | 53.43 | 35.32 | 34.78 | 34.98 | 35.51 | 34.82 | 35.47 | 36.08 | 35.35 | 35.54 | 35.46 |
| 8   | 53.30 | 53.43 | 34.98 | 34.78 | 35.08 | 35.37 | 34.82 | 35.53 | 36.01 | 35.47 | 35.40 | 35.44 |
| 9   | 53.32 | 53.36 | 34.80 | 34.95 | 35.14 | 35.37 | 34.85 | 35.33 | 36.08 | 35.48 | 35.27 | 35.42 |
| 10  | 53.33 | 53.17 | 34.74 | 34.97 | 35.04 | 35.38 | 34.87 | 35.32 | 36.18 | 35.48 | 35.22 | 35.46 |
| 11  | 53.32 | 53.20 | 34.78 | 34.81 | 35.27 | 35.39 | 34.99 | 35.36 | 36.09 | 35.33 | 35.20 | 35.52 |
| 12  | 53.32 | 1/    | 34.86 | 34.72 | 35.24 | 35.48 | 35.10 | 35.35 | 36.04 | 35.32 | 35.39 | 35.50 |
| 13  | 53.29 | -     | 34.83 | 34.84 | 35.24 | 35.43 | 35.18 | 35.39 | 36.17 | 35.29 | 35.35 | 35.47 |
| 14  | 53.27 | -     | 34.83 | 35.18 | 35.27 | 35.45 | 35.21 | 35.37 | 35.95 | 35.29 | 35.39 | 35.40 |
| 15  | 53.27 | -     | 34.84 | 35.21 | 35.74 | 35.45 | 35.12 | 35.40 | 35.88 | 35.40 | 35.58 | 35.37 |
| 16  | 53.27 | -     | 34.75 | 35.06 | 35.57 | 35.43 | 34.97 | 35.40 | 35.86 | 35.45 | 35.57 | 35.35 |
| 17  | 53.27 | -     | 34.60 | 34.94 | 35.36 | 35.42 | 34.95 | 35.40 | 35.95 | 35.50 | 35.58 | 35.45 |
| 18  | 53.28 | -     | 34.72 | 34.94 | 35.22 | 35.44 | 35.51 | 35.40 | 35.80 | 35.43 | 35.57 | 35.47 |
| 19  | 53.32 | -     | 34.87 | 35.07 | 35.15 | 35.48 | 35.00 | 35.44 | 35.68 | 35.37 | 35.52 | 35.44 |
| 20  | 53.31 | -     | 34.88 | 34.98 | 35.16 | 35.71 | 34.96 | 36.43 | 35.68 | 35.32 | 35.52 | 35.43 |
| 21  | 53.31 | -     | 34.93 | 34.88 | 35.43 | 35.62 | 34.95 | 36.42 | 35.57 | 35.32 | 35.55 | 35.34 |
| 22  | 53.31 | -     | 34.85 | 34.88 | 35.48 | 35.81 | 34.95 | 36.46 | 35.48 | 35.43 | 35.49 | 35.28 |
| 23  | 53.31 | -     | 34.82 | 35.02 | 35.46 | 34.86 | 35.16 | 36.45 | 35.45 | 35.55 | 35.68 | 35.26 |
| 24  | 53.30 | -     | 34.88 | 35.07 | 35.35 | 34.97 | 35.10 | 36.42 | 35.58 | 35.40 | 35.68 | 35.27 |
| 25  | 53.30 | -     | 34.89 | 35.20 | 35.21 | 34.69 | 35.17 | 36.42 | 35.56 | 35.35 | 35.57 | 35.26 |
| 26  | 53.30 | -     | 35.02 | 35.10 | 35.15 | 34.70 | 35.13 | 36.38 | 35.57 | 35.32 | 35.46 | 35.25 |
| 27  | 53.30 | -     | 34.87 | 34.88 | 35.15 | 34.70 | 35.15 | 36.37 | 35.63 | 35.28 | 35.60 | 35.26 |
| 28  | 53.30 | -     | 34.92 | 34.85 | 35.21 | 34.73 | 35.17 | 36.43 | 35.43 | 35.27 | 35.86 | 35.27 |
| 29  | 53.30 | -     | 34.85 | 34.84 | 35.27 | 34.69 | 35.14 | 36.45 | 35.40 | 35.46 | 35.94 | 35.27 |
| 30  | 53.31 | -     | 34.77 | 35.01 | 35.38 | 34.70 | 35.20 | 36.32 | 35.41 | 38.12 | 35.90 | 35.25 |
| 31  | 53.33 | -     | 34.72 | -     | 35.33 | -     | 35.17 | 36.14 | -     | 35.68 | -     | 35.27 |

1/ Following water levels are for well 10N.5E.22.14323

Table 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323,

and well 10N.5E.22.14322, 1972-78 - Continued

Tijeras Recorder Well (1975)  
10N.5E.22.14323 and  
replacement well 10N.5E.22.14322

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 35.13 | 34.98 | 34.90 | 35.18 | 35.67 | 36.17 | -     | 43.67 | -     | 45.15 | 45.87 | 45.22 |
| 2   | 35.07 | 34.74 | 34.72 | 35.22 | 35.86 | 36.17 | -     | 43.73 | -     | 45.18 | 45.91 | 45.33 |
| 3   | 35.19 | 34.78 | 34.67 | 35.25 | 35.63 | 36.45 | -     | 43.78 | -     | 45.20 | 45.93 | 45.45 |
| 4   | 35.12 | 34.90 | 34.81 | 35.27 | 35.60 | 36.52 | -     | 43.90 | -     | 45.22 | -     | 45.54 |
| 5   | 37.78 | 34.84 | 34.74 | 35.26 | 35.58 | 36.54 | -     | 43.97 | -     | 45.24 | -     | 45.60 |
| 6   | 36.45 | 34.86 | 34.89 | 35.25 | 35.77 | 36.53 | -     | 43.97 | -     | 45.27 | -     | 45.60 |
| 7   | 35.70 | 34.83 | 34.78 | 35.24 | 35.74 | 36.47 | -     | 44.04 | -     | 45.30 | -     | 45.51 |
| 8   | 35.59 | 34.78 | 34.75 | 35.35 | 35.87 | 36.43 | 36.27 | 44.12 | 44.64 | 45.37 | 45.96 | 45.42 |
| 9   | 35.68 | 34.74 | 34.70 | 35.51 | 35.78 | 36.43 | 36.19 | 44.16 | 44.55 | 45.41 | 46.01 | 45.40 |
| 10  | 35.50 | 34.73 | 34.69 | 35.48 | 35.70 | 36.46 | 36.15 | 44.23 | 44.57 | 45.44 | 46.04 | -     |
| 11  | 35.48 | 34.84 | 34.75 | 35.47 | 35.67 | 36.14 | 36.14 | 44.29 | 44.37 | 45.44 | 46.06 | -     |
| 12  | 35.46 | 34.88 | 34.91 | 35.38 | 35.67 | -     | 36.17 | 44.30 | 44.62 | 45.44 | 46.04 | -     |
| 13  | 35.48 | 34.80 | 34.91 | 35.37 | 35.94 | -     | 36.22 | 44.32 | 43.88 | 45.46 | 46.05 | -     |
| 14  | 35.54 | 34.74 | 34.76 | 35.37 | 35.85 | -     | 36.25 | 44.52 | 44.20 | 45.49 | 46.14 | -     |
| 15  | 35.68 | 34.83 | 34.70 | 35.46 | 35.86 | -     | 36.27 | 44.60 | 44.22 | 45.51 | 46.27 | -     |
| 16  | 35.57 | 34.79 | 34.54 | 35.52 | 35.88 | -     | 42.74 | 44.64 | 44.35 | 45.53 | 46.38 | -     |
| 17  | 35.63 | 34.78 | 34.47 | 35.54 | 35.83 | -     | 42.73 | 44.59 | 44.37 | 45.54 | 46.13 | 45.03 |
| 18  | 35.45 | 34.78 | 34.98 | 35.54 | 35.80 | -     | 42.69 | 44.53 | 44.39 | 45.54 | 45.67 | 45.14 |
| 19  | 35.43 | 34.78 | 34.84 | 35.48 | 35.80 | -     | 42.69 | 44.52 | 44.45 | 45.54 | 45.45 | 45.55 |
| 20  | 35.47 | 34.83 | 34.94 | 35.45 | 35.87 | -     | 42.72 | 44.52 | 44.68 | 45.53 | 45.45 | 45.64 |
| 21  | 35.47 | 34.87 | 35.00 | 35.45 | 35.96 | -     | 42.75 | 44.52 | 44.58 | 45.55 | 45.54 | 45.90 |
| 22  | 35.42 | 34.83 | 35.05 | 35.65 | 36.02 | -     | 42.98 | 44.55 | 44.52 | 45.58 | 45.53 | 45.58 |
| 23  | 35.46 | 34.80 | 35.07 | 35.73 | 35.90 | -     | 43.14 | 44.58 | 44.80 | 45.61 | 45.42 | 44.81 |
| 24  | 33.44 | 34.81 | 35.08 | 35.65 | 35.98 | -     | 43.20 | 44.60 | 44.90 | 45.78 | 45.33 | 44.36 |
| 25  | 38.39 | 34.87 | 35.13 | 35.65 | 35.95 | -     | 43.23 | 44.62 | 45.00 | 45.81 | 45.33 | 44.09 |
| 26  | 35.85 | 39.87 | 35.13 | 38.71 | 35.05 | -     | 43.26 | 44.64 | 45.03 | -     | 45.57 | 43.93 |
| 27  | 41.38 | 34.84 | 35.14 | 39.70 | 35.96 | -     | 43.31 | 44.68 | 45.05 | -     | 46.04 | 43.85 |
| 28  | 51.51 | 39.15 | 35.13 | 35.70 | 35.32 | -     | 43.35 | 44.69 | 45.08 | -     | 45.38 | 43.50 |
| 29  | 35.38 | -     | 35.13 | 35.40 | 36.26 | -     | 43.36 | 44.69 | 45.11 | -     | 45.02 | 43.76 |
| 30  | 44.39 | -     | 35.13 | 35.87 | 36.33 | -     | 43.61 | -     | 45.13 | -     | 45.04 | 43.74 |
| 31  | 35.44 | -     | 35.13 | -     | 36.18 | -     | 43.62 | -     | -     | 45.84 | -     | 43.73 |

= Following water levels for well 10N.5E.22.14322



Table 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323,  
and well 10N.5E.22.14322, 1972-78 - Continued

Tijeras IV Recorder Well (1976)  
10N.5E.22.14322

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 43.73 | 44.95 | 46.10 | 46.92 | 47.94 | 48.79 | 49.30 | 49.17 | 49.59 | -     | -     | -     |
| 2   | 43.74 | 44.98 | 46.10 | 46.92 | 47.90 | 48.81 | 49.34 | 49.26 | 49.59 | -     | -     | -     |
| 3   | 43.77 | 44.94 | 46.23 | 47.12 | 48.00 | 48.81 | 49.43 | 49.35 | 49.61 | -     | -     | -     |
| 4   | 43.77 | 44.93 | 46.31 | 47.40 | 48.21 | 48.82 | 49.50 | 49.41 | 49.70 | -     | -     | -     |
| 5   | 43.76 | 44.99 | 46.43 | 47.59 | 48.34 | 48.85 | 49.59 | 49.44 | 49.80 | -     | -     | -     |
| 6   | 43.72 | 45.03 | 46.46 | 47.43 | 48.44 | 48.87 | 49.68 | 49.49 | 49.53 | -     | -     | -     |
| 7   | 43.70 | 45.14 | 46.51 | 47.41 | 48.51 | 48.91 | 49.72 | 49.54 | 49.94 | -     | -     | -     |
| 8   | 43.70 | 45.20 | 46.39 | 47.45 | 48.56 | 48.93 | 49.78 | 49.59 | 50.00 | -     | -     | -     |
| 9   | 43.77 | 45.25 | 46.37 | 47.62 | 48.20 | 49.02 | 49.82 | 49.63 | 50.05 | -     | -     | -     |
| 10  | 43.77 | 45.30 | 46.39 | 47.62 | 46.83 | 49.05 | 49.88 | 49.65 | 50.08 | -     | -     | -     |
| 11  | 43.87 | 45.34 | 46.59 | 47.79 | 46.39 | 49.09 | 49.91 | 49.65 | 50.08 | -     | -     | -     |
| 12  | 43.93 | 45.39 | 46.78 | 47.85 | 46.39 | 49.14 | 49.93 | 49.66 | 50.00 | 49.54 | -     | -     |
| 13  | 44.01 | 45.48 | 46.91 | 47.89 | 46.94 | 49.17 | 49.97 | 49.67 | 50.00 | -     | -     | -     |
| 14  | 44.17 | 45.53 | 46.76 | 47.92 | 47.45 | 49.23 | 49.75 | 49.72 | 50.00 | -     | -     | -     |
| 15  | 44.28 | 45.53 | 46.44 | 47.93 | 47.78 | 49.28 | 49.71 | 49.75 | 49.97 | -     | -     | -     |
| 16  | 44.33 | 45.55 | 46.39 | 47.93 | 48.10 | 49.31 | 49.70 | 49.79 | 49.97 | -     | -     | -     |
| 17  | 44.37 | 45.59 | 46.42 | 47.95 | 48.28 | 49.34 | 49.70 | 49.82 | 50.00 | -     | 47.54 | -     |
| 18  | 44.42 | 45.90 | 46.63 | 47.89 | 48.21 | 49.37 | 49.70 | 49.85 | 50.00 | -     | 47.54 | -     |
| 19  | 44.46 | 46.25 | 46.93 | 47.10 | 48.17 | 49.39 | 49.71 | 49.86 | 50.02 | -     | 47.58 | -     |
| 20  | 44.53 | 46.13 | 47.13 | 46.52 | 48.17 | 49.42 | 49.71 | 49.91 | 50.07 | -     | 47.83 | -     |
| 21  | 44.59 | 46.06 | 47.28 | 46.52 | 48.30 | 49.45 | 49.71 | 49.94 | 50.10 | -     | 47.93 | -     |
| 22  | 44.63 | 45.97 | 46.93 | 46.68 | 48.41 | 49.50 | 49.68 | 49.96 | -     | -     | 47.90 | 46.69 |
| 23  | 44.77 | 45.91 | 46.67 | 47.03 | 48.49 | 49.54 | 49.67 | 49.96 | -     | -     | 47.36 | 46.70 |
| 24  | 44.88 | 45.85 | 46.67 | 47.32 | 48.55 | 49.56 | 49.64 | 49.96 | -     | -     | 47.36 | 46.70 |
| 25  | 44.90 | 45.84 | 46.91 | 47.54 | 48.59 | 49.60 | 49.52 | 49.96 | -     | -     | 47.46 | 46.69 |
| 26  | 44.93 | 45.83 | 47.22 | 47.69 | 48.60 | 49.61 | 49.20 | 49.96 | -     | -     | 47.72 | 46.69 |
| 27  | 44.99 | 45.80 | 47.41 | 47.82 | 48.62 | 49.64 | 48.86 | 49.96 | -     | -     | 47.50 | 46.69 |
| 28  | 45.03 | 45.80 | 47.53 | 47.92 | 48.64 | 49.67 | 48.86 | 49.96 | -     | -     | 47.03 | 46.69 |
| 29  | 45.99 | 46.00 | 47.63 | 48.00 | 48.67 | 49.40 | 48.86 | 49.96 | -     | -     | 46.87 | 46.70 |
| 30  | 44.95 | -     | 47.41 | 48.11 | 48.72 | 49.30 | 48.97 | 49.96 | -     | -     | 46.84 | 46.72 |
| 31  | 44.94 | -     | 47.12 | -     | 48.75 | -     | 49.09 | 49.69 | -     | -     | -     | 46.75 |

Table 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323,  
and well 10N.5E.22.14322, 1972-78 - Continued

Tijeras Recorder Well (1977)  
10N.5E.22.14322

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 46.76 | 46.80 | 46.95 | 46.99 | 48.04 | 49.32 | 49.86 | 49.90 | 48.94 | 49.22 | 48.60 | 48.39 |
| 2   | 46.74 | 46.81 | -     | 47.02 | 48.04 | 49.06 | 49.86 | 49.81 | 48.95 | 49.24 | 48.58 | 48.39 |
| 3   | 46.72 | 46.80 | -     | 47.16 | 47.74 | 48.94 | 49.86 | 49.81 | 48.95 | 49.25 | 48.56 | 48.38 |
| 4   | 46.72 | 46.75 | -     | 47.77 | 47.74 | 48.94 | 49.85 | 49.70 | 48.95 | 49.29 | 48.54 | 48.38 |
| 5   | 46.72 | 46.73 | -     | 48.04 | 47.95 | 49.01 | 49.85 | 49.65 | 48.92 | 49.30 | 48.52 | 48.38 |
| 6   | 46.72 | 46.72 | -     | 48.21 | 48.04 | 49.13 | 49.85 | 49.59 | 48.89 | 49.31 | 48.50 | 48.38 |
| 7   | 46.70 | 46.72 | -     | 48.11 | 48.04 | 49.16 | 49.86 | 49.51 | 48.88 | 49.16 | 48.49 | 48.38 |
| 8   | 46.70 | 46.72 | -     | 48.07 | 48.04 | 49.20 | 49.85 | 49.42 | 48.87 | 48.91 | 48.40 | 48.38 |
| 9   | 46.70 | 46.73 | -     | 47.99 | 48.04 | 49.20 | 49.84 | 49.33 | 48.87 | 48.78 | 48.39 | 48.38 |
| 10  | 46.67 | 46.75 | -     | 47.99 | 48.04 | 49.20 | 49.83 | 49.28 | 48.86 | 48.70 | 48.30 | 48.38 |
| 11  | 46.67 | 46.77 | -     | 47.26 | 48.04 | 49.20 | 49.83 | 49.24 | 48.87 | 48.65 | 48.30 | 48.37 |
| 12  | 46.67 | 46.78 | -     | 47.14 | 48.65 | 49.22 | 49.83 | 49.18 | 48.87 | 48.63 | 48.30 | 48.37 |
| 13  | 46.69 | 46.78 | -     | 47.15 | 48.69 | 49.26 | 49.82 | 49.07 | 48.87 | 48.62 | 48.29 | 48.38 |
| 14  | 46.70 | 46.79 | 46.62 | 47.65 | 48.71 | 49.31 | 49.82 | 48.90 | 48.86 | 48.61 | 48.29 | 48.38 |
| 15  | 46.71 | 46.80 | 46.62 | 48.01 | 48.76 | 49.35 | 49.81 | 48.70 | 48.86 | 48.60 | 48.29 | 48.38 |
| 16  | 46.72 | 46.82 | 46.65 | 48.05 | 48.81 | 49.36 | 49.81 | 48.52 | 48.83 | 48.60 | 48.29 | 48.38 |
| 17  | 46.72 | 46.82 | 46.65 | 47.90 | 48.85 | 49.38 | 49.83 | 48.46 | 48.81 | 48.59 | 48.30 | 48.38 |
| 18  | 46.73 | 46.81 | 46.67 | 47.68 | 48.90 | 49.41 | 49.85 | 48.45 | 48.80 | 48.57 | 48.31 | 48.38 |
| 19  | 46.74 | 46.80 | 46.70 | 47.45 | 48.82 | 49.44 | 49.86 | 48.46 | 48.80 | 48.51 | 48.34 | 48.38 |
| 20  | 46.79 | 46.80 | 46.75 | 47.45 | 48.67 | 49.48 | 49.86 | 48.49 | 48.82 | 48.42 | 48.36 | 48.37 |
| 21  | 46.76 | 46.80 | 46.79 | 47.50 | 48.65 | 49.51 | 49.85 | 48.49 | 48.85 | 48.40 | 48.38 | -     |
| 22  | 46.75 | 46.80 | 46.64 | 47.10 | 48.65 | 49.51 | 49.95 | 48.49 | 48.81 | 48.40 | 48.40 | -     |
| 23  | 46.73 | 46.83 | 46.50 | 46.98 | 48.79 | 49.62 | 49.94 | 48.49 | 48.85 | 48.40 | 48.40 | -     |
| 24  | 46.69 | 46.90 | 46.50 | 46.90 | 48.92 | 49.66 | 49.90 | 48.49 | 49.02 | 48.45 | 48.40 | -     |
| 25  | 46.68 | 47.39 | 46.59 | 46.80 | 48.99 | 49.70 | 49.90 | 48.48 | 49.07 | 48.63 | 48.41 | -     |
| 26  | 46.68 | 47.02 | 46.72 | 46.77 | 49.07 | 49.75 | 49.90 | 48.49 | 49.12 | 48.72 | 48.41 | -     |
| 27  | 46.68 | 46.95 | 46.82 | 46.85 | 49.11 | 49.78 | 49.90 | 48.57 | 49.15 | 48.75 | 48.41 | -     |
| 28  | 46.73 | 46.95 | 46.90 | 47.33 | 49.16 | 49.80 | 49.90 | 48.70 | 49.17 | 48.75 | 48.40 | -     |
| 29  | 46.73 | -     | 46.92 | 47.96 | 49.21 | 49.83 | 49.90 | 48.79 | 49.20 | 48.75 | 48.40 | -     |
| 30  | 46.77 | -     | 46.93 | 48.03 | 49.25 | 49.85 | 49.74 | 48.86 | 49.20 | 48.69 | 48.40 | -     |
| 31  | 46.72 | -     | 46.93 | -     | 49.29 | -     | 49.92 | 48.91 | -     | 48.64 | -     | -     |

Table 6.--Maximum daily water levels for well 10N.5E.22.14321, well 10N.5E.22.14323,  
and well 10N.5E.22.14322, 1972-78 - Concluded

Tijeras Recorder Well (1978)  
10N.5E.22.14322

| Day | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 48.30 | 47.95 | 47.89 | 47.98 | 47.31 | 45.58 | 46.12 | 46.30 | 46.74 | 47.01 | 47.05 | 46.58 |
| 2   | 48.29 | 47.91 | 47.89 | 47.98 | 47.15 | 45.59 | 46.01 | 46.33 | 46.75 | 47.06 | 47.05 | 46.60 |
| 3   | 48.28 | 47.90 | 47.89 | 47.99 | 46.90 | 45.60 | 46.00 | 46.37 | 46.80 | 47.10 | 47.05 | 46.62 |
| 4   | 48.27 | 47.90 | 47.89 | 47.99 | -     | 45.63 | 46.00 | 46.44 | 46.84 | 47.13 | 46.97 | 46.68 |
| 5   | 48.26 | 47.90 | 47.89 | 48.00 | -     | 45.64 | 46.01 | 46.45 | 46.86 | 47.16 | 46.91 | 46.71 |
| 6   | 48.25 | 47.90 | 47.88 | 48.00 | -     | 45.64 | 46.04 | 46.40 | 46.90 | 47.17 | 46.91 | 46.73 |
| 7   | 48.25 | 47.90 | 47.88 | 48.00 | -     | 45.64 | 46.07 | 46.40 | 46.92 | 47.21 | 46.83 | 46.75 |
| 8   | 48.25 | 47.89 | 45.00 | 48.00 | -     | 45.64 | 46.14 | 46.40 | 46.97 | 47.25 | 46.81 | 46.77 |
| 9   | 48.25 | 47.88 | 45.00 | 47.99 | -     | 45.64 | 46.20 | 46.45 | 47.01 | 47.27 | 46.80 | 46.78 |
| 10  | 48.25 | 47.88 | 45.10 | 47.99 | -     | 45.64 | 46.29 | 46.46 | 47.07 | 47.28 | 46.80 | 46.79 |
| 11  | 48.25 | 47.82 | 45.89 | 47.98 | -     | 45.64 | 46.34 | 46.46 | 47.10 | 47.29 | 46.80 | 46.82 |
| 12  | 48.25 | 47.82 | 46.56 | 47.98 | -     | 45.64 | 46.38 | 46.46 | 47.13 | 47.32 | 46.75 | 46.84 |
| 13  | 48.24 | 47.82 | 46.87 | 47.98 | -     | 45.93 | 46.39 | 46.46 | 47.18 | 47.35 | 46.60 | 46.84 |
| 14  | 48.23 | 47.82 | 47.06 | 47.98 | -     | 45.97 | 46.40 | 46.37 | 47.22 | 47.35 | 46.57 | 46.84 |
| 15  | 48.23 | 47.82 | 47.21 | 47.98 | -     | 45.97 | 46.43 | 46.37 | 47.25 | 47.31 | 46.57 | 46.84 |
| 16  | 48.23 | 47.82 | 47.35 | 47.97 | -     | 45.97 | 46.45 | 46.40 | 47.29 | 47.25 | 46.57 | 46.34 |
| 17  | 48.23 | 47.81 | 47.46 | 47.97 | 45.73 | 45.99 | 46.47 | 46.46 | 47.32 | 47.23 | 46.62 | 46.85 |
| 18  | 48.22 | 47.80 | 47.58 | 47.97 | 45.73 | 46.03 | 46.51 | 46.51 | 47.38 | 47.22 | 46.65 | 46.86 |
| 19  | 48.12 | 47.80 | 47.65 | 47.97 | 45.69 | 46.10 | 46.55 | 46.57 | 47.40 | 47.22 | 46.66 | 46.82 |
| 20  | 48.15 | 47.78 | 47.70 | 47.93 | 45.64 | 46.14 | 46.62 | 46.63 | 47.40 | 47.27 | 46.69 | 46.77 |
| 21  | 48.14 | 47.78 | 47.76 | 47.90 | 45.59 | 46.20 | 46.66 | 46.55 | 47.41 | 47.33 | 46.71 | 46.75 |
| 22  | 48.12 | 47.78 | 47.79 | 47.89 | 45.57 | 46.27 | 46.68 | 46.50 | 47.43 | 47.30 | 46.74 | 46.75 |
| 23  | 48.11 | 47.79 | 47.80 | 47.88 | 45.56 | 46.30 | 46.47 | 46.50 | 47.44 | 47.14 | 46.75 | 46.75 |
| 24  | 48.11 | 47.80 | 47.82 | 47.88 | 45.56 | 46.36 | 46.29 | 46.50 | 47.34 | 47.06 | 46.75 | 46.76 |
| 25  | 48.11 | 47.82 | 47.85 | 47.74 | 45.56 | 46.39 | 46.17 | 46.50 | 47.24 | 47.04 | 46.72 | 46.77 |
| 26  | 48.11 | 47.85 | 47.89 | 47.60 | 45.56 | 46.46 | 46.14 | 46.52 | 47.10 | 47.00 | 46.60 | 46.77 |
| 27  | 48.11 | 47.87 | 47.91 | 47.58 | 45.56 | 46.51 | 46.14 | 46.52 | 47.02 | 46.94 | 46.58 | 46.78 |
| 28  | 48.11 | 47.89 | 47.93 | 47.50 | 45.56 | 46.54 | 46.14 | 46.57 | 47.01 | 46.93 | 46.57 | 46.78 |
| 29  | 48.11 | -     | 47.94 | 47.41 | 45.57 | 46.55 | 46.14 | 46.63 | 47.00 | 46.93 | 46.57 | 46.80 |
| 30  | 48.11 | -     | 47.95 | 47.36 | 45.57 | 46.35 | 46.19 | 46.69 | 47.00 | 46.98 | 46.57 | 46.80 |
| 31  | 48.10 | -     | 47.98 | -     | 45.57 | -     | 46.27 | 46.73 | -     | 46.98 | -     | 46.74 |



Table 7.--Maximum daily water levels for well 10N.5E.29.11431, 1976-73

[Values are in feet below land surface]

Dead Man Curve Recorder (1976)

10N.5E.29.11431

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | -     | 32.35 | 31.57 | 31.25 | 32.27 | 33.53 | 36.42 | 38.53 | 38.97 | 38.61 | 39.52 | 39.80 |
| 2   | -     | 32.76 | 31.52 | 31.29 | 32.27 | 33.57 | 36.55 | 38.53 | 39.03 | 38.55 | 39.54 | 39.80 |
| 3   | -     | 32.71 | 31.38 | 31.34 | 32.30 | 33.62 | 36.70 | 38.53 | 39.05 | 38.51 | 39.52 | 39.79 |
| 4   | -     | 32.70 | 31.39 | 31.39 | 32.39 | 33.68 | 36.84 | 38.49 | 39.10 | 38.50 | 39.53 | 39.80 |
| 5   | -     | 32.68 | 31.48 | 31.38 | 32.40 | 33.79 | 36.97 | 38.47 | 39.14 | 38.50 | 39.56 | 39.80 |
| 6   | -     | 32.66 | 31.43 | 31.43 | 32.45 | 33.87 | 37.10 | 38.46 | 39.17 | 38.45 | 39.59 | 39.84 |
| 7   | -     | 32.59 | 31.32 | 31.46 | 32.54 | 33.95 | 37.17 | 38.43 | 39.21 | 38.51 | 39.63 | 39.85 |
| 8   | -     | 32.46 | 31.34 | 31.55 | 32.53 | 34.00 | 37.28 | 38.44 | 39.26 | 38.50 | 39.61 | 39.85 |
| 9   | -     | 32.34 | 31.30 | 31.55 | 32.55 | 34.07 | 37.39 | 38.44 | 39.30 | 38.51 | 39.60 | 39.86 |
| 10  | -     | 32.53 | 31.24 | 31.58 | 32.58 | 34.10 | 37.45 | 38.48 | 39.32 | 38.52 | 39.59 | 39.83 |
| 11  | -     | 32.17 | 31.16 | 31.62 | 32.53 | 34.12 | 37.56 | 38.52 | 39.32 | 38.52 | 39.59 | 39.92 |
| 12  | -     | 33.00 | 31.25 | 31.56 | 32.56 | 34.22 | 37.65 | 38.54 | 39.32 | 38.52 | 39.57 | 39.92 |
| 13  | -     | 32.27 | 31.18 | 31.60 | 32.60 | 34.29 | 37.75 | 38.57 | 39.33 | 38.60 | 39.53 | 39.92 |
| 14  | -     | 32.77 | 31.10 | 31.63 | 32.61 | 34.34 | 37.83 | 38.58 | 39.35 | 38.60 | 39.52 | 39.91 |
| 15  | -     | 32.59 | 31.11 | 31.56 | 32.63 | 34.48 | 37.88 | 38.62 | 39.36 | 38.62 | 39.52 | 39.91 |
| 16  | -     | 32.46 | 31.10 | 31.60 | 32.73 | 34.56 | 38.03 | 38.69 | 39.36 | 38.73 | 39.53 | 39.90 |
| 17  | -     | 32.37 | 31.01 | 31.69 | 32.78 | 34.60 | 38.06 | 38.76 | 39.37 | 38.78 | 39.53 | 39.87 |
| 18  | -     | 32.24 | 30.99 | 31.84 | 32.79 | 34.75 | 38.06 | 38.80 | 39.35 | 38.79 | 39.55 | 39.85 |
| 19  | -     | 32.07 | 30.94 | 31.84 | 32.82 | 34.88 | 38.09 | 38.84 | 39.33 | 38.67 | 39.58 | 39.83 |
| 20  | -     | 32.02 | 30.97 | 31.84 | 32.87 | 35.00 | 38.14 | 38.85 | 39.30 | 38.93 | 39.62 | 39.82 |
| 21  | 32.79 | 32.10 | 31.07 | 31.90 | 32.94 | 35.10 | 38.20 | 38.80 | 39.24 | 39.00 | 39.66 | 39.75 |
| 22  | 32.47 | 32.08 | 31.03 | 31.92 | 32.98 | 35.22 | 38.26 | 38.78 | 39.17 | 39.03 | 39.69 | 39.72 |
| 23  | 32.35 | 31.96 | 30.92 | 31.95 | 33.02 | 35.34 | 38.34 | 38.77 | 39.13 | 39.03 | 39.71 | 39.66 |
| 24  | 32.82 | 31.83 | 31.02 | 32.03 | 33.07 | 35.49 | 38.40 | 38.73 | 39.06 | 39.16 | 39.73 | 39.60 |
| 25  | 32.46 | 31.91 | 30.94 | 31.97 | 33.09 | 35.62 | 38.45 | 38.75 | 38.93 | 39.24 | 39.72 | 39.60 |
| 26  | 32.92 | 31.82 | 31.05 | 32.00 | 33.16 | 35.73 | 38.49 | 38.77 | 38.92 | 39.26 | 39.72 | 39.50 |
| 27  | 32.94 | 31.73 | 30.93 | 32.09 | 33.27 | 35.84 | 38.52 | 38.77 | 38.88 | 39.33 | 39.65 | 39.43 |
| 28  | 32.96 | 31.64 | 31.01 | 32.19 | 33.27 | 36.00 | 38.55 | 38.83 | 38.80 | 39.40 | 39.73 | 39.37 |
| 29  | 32.80 | 31.60 | 31.07 | 32.21 | 33.27 | 36.13 | 38.54 | 38.87 | 38.73 | 39.42 | 39.80 | 39.26 |
| 30  | 32.87 | -     | 31.22 | 32.25 | 33.34 | 36.30 | 38.54 | 38.90 | 38.67 | 39.46 | 39.80 | 39.19 |
| 31  | 32.80 | -     | 31.22 | -     | 33.43 | -     | 38.54 | 38.92 | -     | 39.48 | -     | 39.11 |

Table 7.--Maximum daily water levels for well 10N.5E.29.11431, 1976-78 - Continued

Dead Man Curve Recorder (1977)  
10N.5E.29.11431

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 39.64 | 38.30 | 37.72 | 36.86 | 35.49 | 37.70 | 39.44 | 40.20 | 38.36 | 39.12 | 39.77 | 38.41 |
| 2   | 38.97 | 38.29 | 37.70 | 36.84 | 35.43 | 37.70 | 39.49 | 40.18 | 38.20 | 39.23 | 39.77 | 38.40 |
| 3   | 38.87 | 38.28 | 37.72 | 36.83 | 35.33 | 37.70 | 39.55 | 40.17 | 37.93 | 39.32 | 39.79 | 38.38 |
| 4   | 38.84 | 38.25 | 37.72 | 36.83 | 35.30 | 37.72 | 39.62 | 40.17 | 36.81 | 39.33 | 39.78 | 38.34 |
| 5   | 38.79 | 38.18 | 37.74 | 36.80 | 35.30 | 37.73 | 39.68 | 40.17 | 36.56 | 39.44 | 39.80 | 38.34 |
| 6   | 38.77 | 38.18 | 37.72 | 36.77 | 35.34 | 37.73 | 39.74 | 40.20 | 36.42 | 39.51 | 39.80 | 38.32 |
| 7   | 38.70 | 38.16 | 37.67 | 36.70 | 35.51 | 37.76 | 39.79 | 40.26 | 36.38 | 39.55 | 39.93 | 38.26 |
| 8   | 38.65 | 38.13 | 37.62 | 36.65 | 35.79 | 37.76 | 39.84 | 40.30 | 36.38 | 39.59 | 39.96 | 38.27 |
| 9   | 38.65 | 38.09 | 37.55 | 36.58 | 36.07 | 37.80 | 39.91 | 40.34 | 36.41 | 39.60 | 39.90 | 38.30 |
| 10  | 38.68 | 38.08 | 37.49 | 36.52 | 36.35 | 37.85 | 39.94 | 40.37 | 36.57 | 39.62 | 39.75 | 38.28 |
| 11  | 38.63 | 38.05 | 37.52 | 36.49 | 36.63 | 37.91 | 39.97 | 40.41 | 36.70 | 39.68 | 39.58 | 38.25 |
| 12  | 38.67 | 38.05 | 37.55 | 36.47 | 36.90 | 37.95 | 39.97 | 40.43 | 36.84 | 39.72 | 39.42 | 38.20 |
| 13  | 38.63 | 38.01 | 37.45 | 36.38 | 37.09 | 38.00 | 39.97 | 40.38 | 37.01 | 39.75 | 39.28 | 38.25 |
| 14  | 38.67 | 38.00 | 37.42 | 36.34 | 37.21 | 38.07 | 39.98 | 40.09 | 37.21 | 39.77 | 39.14 | 38.21 |
| 15  | 38.63 | 37.99 | 37.47 | 36.32 | 37.39 | 38.15 | 40.00 | 40.02 | 37.34 | 39.83 | 39.04 | 38.14 |
| 16  | 38.72 | 37.93 | 37.35 | 36.32 | 37.47 | 38.19 | 40.05 | 39.87 | 37.48 | 39.86 | 38.97 | 38.14 |
| 17  | 38.72 | 37.95 | 37.33 | 36.25 | 37.56 | 38.27 | 40.09 | 39.65 | 37.65 | 39.87 | 38.88 | 38.20 |
| 18  | 38.72 | 37.95 | 37.30 | 36.19 | 37.60 | 38.35 | 40.11 | 39.37 | 37.79 | 39.92 | 38.80 | 38.15 |
| 19  | 38.60 | 37.95 | 37.30 | 36.16 | 37.69 | 38.43 | 40.15 | 39.14 | 37.94 | 39.96 | 38.73 | 38.16 |
| 20  | 38.59 | 37.90 | 37.25 | 36.16 | 37.70 | 38.50 | 40.18 | 38.86 | 38.04 | 39.93 | 38.72 | 38.24 |
| 21  | 38.59 | 37.88 | 37.30 | 35.17 | 37.75 | 38.59 | 40.21 | 38.65 | 38.16 | 39.92 | 38.60 | -     |
| 22  | 38.57 | 37.80 | 37.22 | 36.12 | 37.79 | 38.68 | 40.25 | 38.50 | 38.29 | 39.87 | 38.65 | -     |
| 23  | 38.55 | 37.67 | 37.17 | 36.08 | 37.81 | 38.77 | 40.27 | 38.40 | 38.38 | 39.86 | 38.62 | -     |
| 24  | 38.55 | 37.83 | 37.13 | 36.03 | 37.82 | 38.86 | 40.29 | 38.32 | 38.50 | 39.82 | 38.60 | -     |
| 25  | 38.51 | 37.83 | 37.10 | 35.93 | 37.82 | 38.96 | 40.32 | 38.28 | 38.60 | 39.81 | 38.59 | -     |
| 26  | 38.47 | 37.87 | 37.09 | 35.85 | 37.80 | 39.05 | 40.34 | 38.22 | 38.70 | 39.80 | 38.52 | -     |
| 27  | 38.45 | 37.86 | 37.02 | 35.78 | 37.78 | 39.12 | 40.36 | 38.24 | 38.81 | 39.79 | 38.46 | -     |
| 28  | 38.44 | 37.82 | 37.02 | 35.71 | 37.74 | 39.21 | 40.35 | 38.26 | 38.89 | 39.77 | 38.46 | -     |
| 29  | 38.40 | -     | 37.00 | 35.64 | 37.74 | 39.30 | 40.32 | 38.30 | 38.98 | 39.77 | 38.46 | -     |
| 30  | 38.40 | -     | 37.03 | 35.55 | 37.75 | 39.35 | 40.27 | 38.31 | 39.05 | 39.78 | 38.42 | -     |
| 31  | 38.35 | -     | 36.90 | -     | 37.75 | -     | 40.23 | 38.32 | -     | 39.78 | -     | -     |

Table 7.--Maximum daily water levels for well 10N.5E.29.11431, 1976-78 - Concluded

Dead Man Curve Recorder (1978)  
10N.5E.29.11431

| Day | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 38.35 | 38.88 | 36.85 | 31.98 | 32.63 | 33.45 | 34.45 | 34.30 | 35.42 | 35.75 | 36.16 | 34.55 |
| 2   | 38.39 | 38.82 | 36.76 | 32.00 | 32.78 | 33.49 | 34.35 | 34.32 | 35.45 | 35.74 | 36.10 | 34.60 |
| 3   | 38.42 | 38.77 | 36.66 | 32.03 | 32.80 | 33.55 | 34.16 | 34.37 | 35.45 | 35.76 | 36.07 | 34.71 |
| 4   | 38.44 | 38.72 | 36.45 | 31.97 | 32.75 | 33.52 | 34.07 | 34.44 | 35.43 | 35.75 | 36.10 | 34.72 |
| 5   | 38.49 | 38.60 | 36.23 | 31.95 | 32.72 | 33.57 | 33.98 | 34.52 | 35.43 | 35.77 | 36.06 | 34.62 |
| 6   | 38.53 | 38.47 | 35.99 | 31.94 | 32.81 | 33.62 | 33.96 | 34.59 | 35.43 | 35.82 | 36.07 | 34.66 |
| 7   | 38.55 | 38.43 | 35.74 | 31.91 | 32.86 | 33.65 | 33.96 | 34.66 | 35.45 | 35.82 | 36.05 | 34.74 |
| 8   | 38.65 | 38.37 | 35.41 | 31.87 | 32.89 | 33.68 | 33.96 | 34.74 | 35.46 | 35.84 | 35.94 | 34.88 |
| 9   | 38.65 | 38.31 | 35.07 | 31.90 | 32.88 | 33.70 | 33.96 | 34.80 | 35.49 | 35.86 | 35.85 | 34.89 |
| 10  | 38.66 | 38.17 | 34.80 | 31.96 | 32.84 | 33.72 | 33.98 | 34.80 | 35.47 | 35.91 | 35.85 | 34.78 |
| 11  | 38.70 | 38.10 | 34.56 | 31.93 | 32.91 | 33.73 | 34.01 | 34.80 | 35.45 | 35.91 | 35.90 | 34.71 |
| 12  | 38.76 | 38.06 | 34.33 | 31.94 | 32.94 | 33.82 | 34.05 | 34.80 | 35.48 | 35.93 | 35.76 | 34.62 |
| 13  | 38.82 | 37.97 | 34.16 | 31.96 | 33.02 | 33.88 | 34.12 | 34.83 | 35.55 | 36.01 | 35.39 | 34.51 |
| 14  | 38.84 | 37.89 | 34.05 | 31.95 | 33.02 | 33.88 | 34.19 | 34.86 | 35.59 | 36.09 | 35.07 | 34.43 |
| 15  | 38.82 | 37.80 | 33.93 | 31.93 | 33.02 | 33.89 | 34.25 | 34.94 | 35.60 | 36.09 | 34.95 | 34.35 |
| 16  | 38.84 | 37.74 | 33.76 | 31.92 | 33.03 | 33.93 | 34.27 | 35.00 | 35.57 | 36.11 | 34.90 | 34.29 |
| 17  | 38.89 | 37.69 | 33.57 | 31.95 | 33.09 | 33.97 | 34.30 | 35.09 | 35.57 | 36.14 | 34.85 | 34.16 |
| 18  | 38.90 | 37.61 | 33.38 | 32.03 | 33.20 | 34.04 | 34.38 | 35.15 | 35.58 | 36.19 | 34.85 | 34.11 |
| 19  | 38.95 | 37.56 | 33.25 | 31.98 | 33.30 | 34.05 | 34.46 | 35.26 | 35.63 | 36.25 | 34.85 | 34.05 |
| 20  | 38.94 | 37.50 | 33.13 | 31.94 | 33.33 | 34.08 | 34.50 | 35.35 | 35.70 | 36.25 | 34.85 | 33.92 |
| 21  | 38.97 | 37.46 | 32.95 | 31.88 | 33.34 | 34.17 | 34.54 | 35.35 | 35.76 | 36.26 | 34.82 | 33.92 |
| 22  | 38.97 | 37.35 | 32.82 | 31.98 | 33.31 | 34.19 | 34.57 | 35.32 | 35.79 | 36.29 | 34.81 | 33.90 |
| 23  | 38.90 | 37.26 | 32.75 | 32.08 | 33.27 | 34.20 | 34.62 | 35.34 | 35.81 | 36.39 | 34.84 | 33.83 |
| 24  | 38.93 | 37.19 | 32.64 | 32.13 | 33.30 | 34.25 | 34.55 | 35.35 | 35.82 | 36.30 | 34.86 | 33.81 |
| 25  | 38.95 | 37.13 | 32.55 | 32.18 | 33.31 | 34.29 | 34.46 | 35.35 | 35.84 | 36.30 | 34.83 | 33.74 |
| 26  | 38.94 | 37.04 | 32.44 | 32.20 | 33.34 | 34.33 | 34.38 | 35.35 | 35.84 | 36.37 | 34.80 | 33.70 |
| 27  | 38.95 | 36.99 | 32.34 | 32.22 | 33.35 | 34.42 | 34.32 | 35.36 | 35.85 | 36.34 | 34.81 | 33.70 |
| 28  | 38.93 | 36.94 | 32.29 | 32.37 | 33.39 | 34.52 | 34.32 | 35.40 | 35.81 | 36.28 | 34.75 | 33.66 |
| 29  | 38.90 | -     | 32.29 | 32.43 | 33.41 | 34.48 | 34.32 | 35.45 | 35.77 | 36.20 | 34.75 | 33.61 |
| 30  | 38.90 | -     | 32.18 | 32.53 | 33.38 | 34.47 | 34.30 | 35.46 | 35.78 | 36.20 | 34.75 | 33.61 |
| 31  | 38.88 | -     | 32.07 | -     | 33.40 | -     | 34.30 | 35.43 | -     | 36.21 | -     | 33.61 |



Table 8.--Maximum daily water levels for well 10N.6E.5.33231, 1972-76

[Values are in feet below land surface]

Junction Recorder Well (1972)

10N.6E.5.33231

| DAY | JAN | FEB | MAR | APR | MAY | JUNE | JULY | AUG | SEPT  | OCT   | NOV   | DEC   |
|-----|-----|-----|-----|-----|-----|------|------|-----|-------|-------|-------|-------|
| 1   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 61.69 | 58.97 | 58.93 |
| 2   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 61.69 | 58.97 | 58.93 |
| 3   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 61.69 | 58.99 | 58.97 |
| 4   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 61.75 | 58.98 | 58.87 |
| 5   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 61.75 | 58.92 | 58.84 |
| 6   | -   | -   | -   | -   | -   | -    | -    | -   | -     | 61.78 | 59.03 | 59.03 |
| 7   | -   | -   | -   | -   | -   | -    | -    | -   | 64.14 | 61.77 | 59.05 | 59.08 |
| 8   | -   | -   | -   | -   | -   | -    | -    | -   | 64.15 | 61.77 | 59.03 | 59.08 |
| 9   | -   | -   | -   | -   | -   | -    | -    | -   | 64.15 | 61.77 | 58.83 | 59.10 |
| 10  | -   | -   | -   | -   | -   | -    | -    | -   | 64.15 | 61.78 | 58.88 | 59.20 |
| 11  | -   | -   | -   | -   | -   | -    | -    | -   | 64.08 | 61.85 | 58.89 | 59.22 |
| 12  | -   | -   | -   | -   | -   | -    | -    | -   | 63.87 | 61.92 | 58.78 | 59.23 |
| 13  | -   | -   | -   | -   | -   | -    | -    | -   | 63.65 | 61.89 | 58.72 | 59.38 |
| 14  | -   | -   | -   | -   | -   | -    | -    | -   | 63.33 | 61.78 | 58.84 | 59.40 |
| 15  | -   | -   | -   | -   | -   | -    | -    | -   | 62.95 | 61.67 | 58.83 | 59.53 |
| 16  | -   | -   | -   | -   | -   | -    | -    | -   | 62.67 | 61.59 | 58.84 | 59.71 |
| 17  | -   | -   | -   | -   | -   | -    | -    | -   | 62.51 | 61.49 | 58.80 | 59.74 |
| 18  | -   | -   | -   | -   | -   | -    | -    | -   | 62.40 | 61.49 | 58.80 | 59.74 |
| 19  | -   | -   | -   | -   | -   | -    | -    | -   | 62.23 | 61.39 | 58.89 | 59.74 |
| 20  | -   | -   | -   | -   | -   | -    | -    | -   | 62.17 | 61.21 | 58.80 | 59.74 |
| 21  | -   | -   | -   | -   | -   | -    | -    | -   | 62.07 | 60.95 | 58.80 | 59.80 |
| 22  | -   | -   | -   | -   | -   | -    | -    | -   | 61.86 | 60.75 | 58.85 | 59.83 |
| 23  | -   | -   | -   | -   | -   | -    | -    | -   | 61.75 | 60.50 | 58.75 | 59.83 |
| 24  | -   | -   | -   | -   | -   | -    | -    | -   | 61.74 | 60.29 | 58.72 | 60.02 |
| 25  | -   | -   | -   | -   | -   | -    | -    | -   | 61.74 | 60.00 | 58.75 | 60.02 |
| 26  | -   | -   | -   | -   | -   | -    | -    | -   | 61.75 | 59.76 | 58.76 | 60.16 |
| 27  | -   | -   | -   | -   | -   | -    | -    | -   | 61.75 | 59.54 | 58.73 | 60.18 |
| 28  | -   | -   | -   | -   | -   | -    | -    | -   | 61.74 | 59.35 | 58.85 | 60.00 |
| 29  | -   | -   | -   | -   | -   | -    | -    | -   | 61.75 | 59.09 | 58.90 | 60.00 |
| 30  | -   | -   | -   | -   | -   | -    | -    | -   | 61.75 | 59.98 | 58.92 | 60.00 |
| 31  | -   | -   | -   | -   | -   | -    | -    | -   | -     | 58.98 | -     | 59.69 |

Table 8.--Maximum daily water levels for well 10N.6E.5.33231, 1972-76 - Continued

Junction Recorder Well (1973)  
10N.6E.5.33231

| DAY | JAN   | FEB   | MAR     | APR   | MAY   | JUNE  | JULY   | AUG     | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|---------|-------|-------|-------|--------|---------|-------|-------|-------|-------|
| 1   | 59.67 | 59.01 | 53.95 E | 48.70 | 47.00 | 50.88 | 54.14  | 56.14 E | 57.42 | 58.76 | 59.90 | 60.97 |
| 2   | 59.31 | 59.14 | 53.50 E | 48.58 | 47.49 | 50.93 | 54.26  | 56.19 E | 57.50 | 58.80 | 59.90 | 60.85 |
| 3   | 59.27 | 59.25 | 53.19 E | 48.44 | 47.77 | 50.98 | 54.41  | 56.23 E | 57.58 | 58.84 | 59.95 | 60.85 |
| 4   | 59.19 | 59.25 | 52.93 E | 47.98 | 47.83 | 51.20 | 54.53  | 56.27 E | 57.61 | 58.89 | 60.02 | 60.80 |
| 5   | 59.17 | 59.25 | 52.70 E | 47.38 | 47.83 | 51.41 | 54.57  | 56.32 E | 57.74 | 58.97 | 60.08 | 60.97 |
| 6   | 59.14 | 59.10 | 52.50 E | 46.84 | 47.90 | 51.62 | 54.62  | 56.35 E | 57.80 | 58.99 | 60.12 | 61.05 |
| 7   | 59.14 | 58.81 | 52.32 E | 46.44 | 48.14 | 51.70 | 54.67  | 56.40 E | 57.82 | 59.00 | 60.12 | 61.10 |
| 8   | 59.14 | 58.48 | 52.14 E | 46.23 | 48.43 | 51.78 | 54.78  | 56.44 E | 57.81 | 59.00 | 60.17 | 61.10 |
| 9   | 59.11 | 58.09 | 52.04 E | 45.99 | 48.58 | 51.90 | 54.89  | 56.48 E | 57.87 | 59.00 | 60.25 | 61.10 |
| 10  | 59.11 | 57.74 | 52.01 E | 45.74 | 48.73 | 51.99 | 55.01  | 56.53 E | 58.02 | 59.00 | 60.32 | 61.25 |
| 11  | 59.19 | 57.40 | 51.85 E | 45.58 | 48.89 | 52.07 | 55.10  | 56.57 E | 58.06 | 59.05 | 60.34 | 61.26 |
| 12  | 59.24 | 57.32 | 51.70 E | 45.47 | 49.13 | 52.15 | 55.20  | 56.62 E | 58.04 | 59.09 | 60.37 | 61.26 |
| 13  | 59.24 | 57.25 | 51.68 E | 45.33 | 49.31 | 52.30 | 55.26  | 56.65 E | 58.04 | 59.22 | 60.33 | 61.23 |
| 14  | 59.27 | 57.12 | 51.65 E | 45.18 | 49.45 | 52.42 | 55.26  | 56.70 E | 58.13 | 59.37 | 60.35 | 61.23 |
| 15  | 59.24 | 57.09 | 51.49 E | 45.18 | 49.60 | 52.46 | 55.40  | 56.74 E | 58.14 | 59.39 | 60.37 | 61.28 |
| 16  | 59.17 | 57.05 | 51.35 E | 45.33 | 49.52 | 52.67 | 55.47E | 56.79   | 58.15 | 59.40 | 60.46 | 61.42 |
| 17  | 59.12 | 57.03 | 51.19 E | 45.37 | 49.50 | 52.79 | 55.50E | 56.82   | 58.20 | 59.44 | 60.46 | 61.38 |
| 18  | 59.14 | 57.02 | 51.05 E | 45.20 | 49.50 | 52.85 | 55.55E | 56.83   | 58.26 | 59.59 | 60.48 | 61.33 |
| 19  | 58.99 | 57.02 | 50.88 E | 45.23 | 49.50 | 52.96 | 55.59E | 56.84   | 58.30 | 59.59 | 60.40 | 61.38 |
| 20  | 58.98 | 57.02 | 50.74 E | 45.43 | 49.54 | 53.20 | 55.63E | 56.96   | 58.32 | 59.59 | 60.40 | 61.53 |
| 21  | 58.98 | 56.57 | 50.50 E | 45.73 | 49.65 | 53.35 | 55.68E | 57.00   | 58.35 | 59.58 | 60.45 | 61.54 |
| 22  | 58.98 | 56.46 | 50.15 E | 45.97 | 49.73 | 53.46 | 55.72E | 57.04   | 58.39 | 59.60 | 60.54 | 61.47 |
| 23  | 59.15 | 56.40 | 49.96 E | 46.00 | 49.85 | 53.54 | 55.78  | 57.05   | 58.43 | 59.66 | 60.60 | 61.40 |
| 24  | 59.17 | 56.28 | 49.65 E | 46.00 | 49.95 | 53.59 | 55.80  | 57.09   | 58.40 | 59.66 | 60.61 | 61.40 |
| 25  | 59.12 | 56.15 | 49.16 E | 46.23 | 50.00 | 53.65 | 55.84  | 57.10   | 58.43 | 59.69 | 60.61 | 61.53 |
| 26  | 58.99 | 55.79 | 48.94 E | 46.46 | 50.00 | 53.70 | 55.88  | 57.10   | 58.47 | 59.72 | 60.61 | 61.53 |
| 27  | 58.99 | 55.27 | 48.89 E | 46.76 | 50.10 | 53.80 | 55.93  | 57.25   | 58.59 | 59.77 | 60.61 | 61.60 |
| 28  | 59.22 | 55.70 | 49.00 E | 46.77 | 50.40 | 53.92 | 55.97  | 57.28   | 58.70 | 59.85 | 60.88 | 61.60 |
| 29  | 59.17 | -     | 49.04   | 46.85 | 50.58 | 53.97 | 56.06  | 57.36   | 58.70 | 59.83 | 60.96 | 61.60 |
| 30  | 59.05 | -     | 49.15   | 46.99 | 50.73 | 54.02 | 56.06  | 57.38   | 58.72 | 59.83 | 60.96 | 61.64 |
| 31  | 58.63 | -     | 49.08   | -     | 50.82 | -     | 56.10  | 57.38   | -     | 59.85 | -     | 61.65 |

E Estimated

Table 8.--Maximum daily water levels for well 10N.6E.5.33231, 1972-76 - Continued

Junction Recorder Well (1974)

10N.6E.5.33231

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 61.72 | 62.40 | 63.14 | 63.14 | 63.73 | 64.14 | 64.69 | 65.25 | 63.90 | 62.32 | 59.08 | 59.34 |
| 2   | 61.72 | 62.40 | 63.04 | 63.14 | 63.73 | 64.14 | 64.70 | 65.26 | 63.78 | 62.33 | 58.90 | 59.37 |
| 3   | 61.85 | 62.46 | 63.02 | 63.14 | 63.74 | 64.14 | 64.70 | 65.26 | 63.64 | 62.35 | 58.85 | 59.44 |
| 4   | 61.87 | 62.50 | 63.02 | 63.19 | 63.75 | 64.14 | 64.74 | 65.30 | 63.58 | 62.35 | 58.83 | 59.51 |
| 5   | 61.86 | 62.43 | 63.03 | 63.33 | 63.76 | 64.15 | 64.78 | 65.30 | 63.52 | 62.35 | 58.77 | 59.55 |
| 6   | 61.86 | 62.43 | 63.07 | 63.29 | 63.77 | 64.15 | 64.78 | 65.30 | 63.52 | 62.25 | 58.77 | 59.55 |
| 7   | 61.90 | 62.49 | 63.07 | 63.29 | 63.79 | 64.14 | 64.78 | 65.30 | 63.52 | 62.36 | 58.77 | 59.55 |
| 8   | 61.92 | 62.53 | 63.07 | 63.33 | 63.79 | 64.14 | 64.78 | 65.30 | 63.52 | 62.14 | 58.68 | 59.73 |
| 9   | 61.93 | 62.60 | 63.10 | 63.29 | 63.79 | 64.30 | 64.79 | 65.32 | 63.52 | 61.87 | 58.68 | 59.83 |
| 10  | 61.94 | 62.60 | 63.15 | 63.28 | 63.78 | 64.33 | 64.80 | 65.34 | 63.49 | 61.68 | 58.68 | 59.83 |
| 11  | 62.02 | 62.60 | 63.16 | 63.28 | 63.80 | 64.37 | 64.81 | 65.35 | 63.50 | 61.52 | 58.68 | 59.83 |
| 12  | 62.10 | 62.60 | 63.16 | 63.29 | 63.84 | 64.38 | 64.84 | 65.37 | 63.52 | 61.28 | 58.75 | 59.84 |
| 13  | 62.10 | 62.73 | 63.13 | 63.30 | 63.86 | 64.39 | -     | 65.40 | 63.50 | 60.92 | 58.70 | 59.95 |
| 14  | 62.10 | 62.73 | 63.13 | 63.41 | 63.86 | 64.39 | -     | 65.41 | 63.60 | 60.74 | 58.70 | 59.95 |
| 15  | 62.10 | 62.74 | 63.13 | 63.45 | 63.85 | 64.42 | -     | 65.42 | 63.60 | 60.45 | 58.70 | 60.02 |
| 16  | 62.10 | 62.78 | 63.13 | 63.46 | 63.87 | 64.45 | -     | 65.44 | 63.60 | 60.32 | 58.70 | 60.02 |
| 17  | 62.10 | 62.77 | 63.14 | 63.48 | 63.88 | 64.45 | -     | 65.47 | 63.60 | 60.22 | 58.72 | 60.23 |
| 18  | 62.10 | 62.76 | 63.13 | 63.48 | 63.97 | 64.45 | -     | -     | 63.60 | 60.10 | 58.77 | 60.23 |
| 19  | 62.24 | 62.76 | 63.12 | 63.47 | 63.97 | 64.47 | 65.13 | -     | 63.57 | 59.94 | 58.73 | 60.26 |
| 20  | 62.24 | 62.76 | 63.11 | 63.47 | 63.97 | 64.47 | 65.13 | 65.49 | 63.54 | 59.85 | 58.90 | 60.33 |
| 21  | 62.24 | 62.76 | 63.11 | 63.47 | 64.00 | 64.50 | 65.13 | 65.49 | 63.42 | 59.70 | 58.95 | 60.44 |
| 22  | 62.25 | 62.90 | 63.10 | 63.52 | 64.02 | 64.50 | 65.13 | 65.49 | 63.16 | 59.70 | 58.93 | 60.43 |
| 23  | 62.31 | 62.91 | 63.10 | 63.52 | 64.02 | 64.50 | 65.13 | 65.51 | 62.98 | 59.70 | 58.93 | 60.43 |
| 24  | 62.33 | 62.97 | 63.11 | 63.52 | 64.02 | 64.50 | 65.13 | 65.51 | 62.74 | 59.65 | 59.05 | 60.53 |
| 25  | 62.33 | 63.02 | 63.11 | 63.52 | 64.01 | 64.59 | 65.14 | 65.52 | 62.64 | 59.65 | 59.05 | 60.70 |
| 26  | 62.31 | 63.03 | 63.14 | 63.52 | 64.02 | 64.60 | 65.15 | 65.50 | 62.40 | 59.58 | 59.07 | 60.70 |
| 27  | 62.31 | 63.03 | 63.16 | 63.52 | 64.14 | 64.62 | 65.20 | 65.16 | 62.27 | 59.48 | 59.17 | 60.74 |
| 28  | 62.33 | 63.03 | 63.17 | 63.52 | 64.14 | 64.64 | 65.20 | 65.00 | 62.27 | 59.35 | 59.16 | 60.82 |
| 29  | 62.35 | -     | 63.18 | 63.52 | 64.15 | 64.65 | 65.21 | 64.56 | 62.31 | 59.25 | 59.20 | 60.82 |
| 30  | 62.40 | -     | 63.20 | 63.52 | 64.15 | 64.67 | 65.23 | 64.32 | 62.31 | 59.23 | 59.30 | 60.89 |
| 31  | 62.40 | -     | 63.14 | -     | 64.15 | -     | 65.25 | 64.06 | -     | 59.11 | -     | 60.89 |



Table 8.--Maximum daily water levels for well 10N.6E.5.33231, 1972-76 - Continued

Junction Recorder Well (1975)  
10N.6E.5.33231

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC   |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1   | 61.03 | 61.88 | 59.85 | 57.32 | 58.72 | 60.28 | 60.75 | 59.05 | 54.87 | 54.75 | -     | 59.54 |
| 2   | 61.03 | 61.72 | 59.67 | 57.44 | 58.78 | 60.28 | 60.77 | 58.87 | 54.75 | 54.85 | -     | 59.57 |
| 3   | 61.03 | 61.56 | 59.59 | 57.53 | 58.86 | 60.17 | 60.80 | 58.80 | 54.65 | 55.02 | -     | 59.58 |
| 4   | 61.19 | 61.42 | 59.32 | 57.55 | 58.89 | 60.15 | 60.81 | 58.78 | 54.44 | 55.13 | -     | 59.58 |
| 5   | 61.20 | 61.33 | 59.17 | 57.55 | 58.85 | 60.15 | 60.87 | 58.69 | 54.45 | 55.21 | -     | 59.58 |
| 6   | 61.21 | 61.32 | 59.09 | 57.48 | 58.89 | 60.17 | 60.87 | 58.65 | 54.44 | 55.22 | -     | 59.69 |
| 7   | 61.21 | 61.22 | 59.09 | 57.48 | 59.01 | 60.17 | 60.87 | 58.63 | 54.23 | -     | -     | 59.74 |
| 8   | 61.28 | 61.17 | 58.86 | 57.57 | 59.06 | 60.16 | 60.87 | 58.63 | 54.12 | -     | -     | 59.76 |
| 9   | 61.20 | 61.12 | 58.72 | 57.75 | 59.06 | -     | 61.06 | 58.62 | 54.01 | -     | -     | 59.77 |
| 10  | 61.22 | 61.01 | 58.58 | 57.77 | 59.29 | -     | 61.06 | 58.61 | 53.90 | -     | -     | -     |
| 11  | 61.28 | 61.01 | 58.24 | 57.87 | 59.33 | 60.25 | 61.07 | 58.59 | 53.80 | -     | -     | -     |
| 12  | 61.47 | 61.03 | 58.10 | 57.88 | 59.36 | 60.26 | 61.07 | 58.58 | 53.64 | -     | 58.90 | -     |
| 13  | 61.53 | 60.98 | 57.90 | 57.88 | 59.37 | 60.27 | 61.06 | 58.55 | 53.50 | -     | -     | -     |
| 14  | 61.63 | 60.91 | 57.65 | 58.04 | 59.50 | 60.27 | 60.97 | 58.08 | 53.43 | -     | -     | -     |
| 15  | 61.64 | 60.87 | 57.60 | 58.05 | 59.55 | 60.27 | 60.92 | 57.62 | 53.43 | -     | -     | -     |
| 16  | 61.69 | 60.79 | 57.45 | 57.89 | 59.55 | 60.27 | 60.83 | 57.33 | 53.42 | -     | -     | -     |
| 17  | 61.78 | 60.72 | 57.38 | 57.87 | 59.55 | 60.27 | 60.78 | 57.13 | 53.37 | -     | -     | 60.08 |
| 18  | 61.77 | 60.72 | 57.38 | 57.87 | 59.67 | 60.24 | 60.72 | 56.94 | 53.36 | -     | -     | 60.13 |
| 19  | 61.77 | 60.60 | 57.33 | 58.06 | 59.72 | 60.24 | 60.71 | 56.81 | 53.39 | -     | 58.89 | 60.21 |
| 20  | 61.83 | 60.43 | 57.25 | 58.06 | 59.72 | 60.34 | 60.70 | 56.70 | 53.52 | -     | 58.97 | 60.25 |
| 21  | 61.83 | 60.34 | 57.20 | 58.22 | 59.73 | 60.39 | 60.69 | 56.56 | 53.57 | -     | 59.00 | 60.30 |
| 22  | 61.91 | 60.34 | 57.10 | 58.28 | 59.79 | 60.43 | 60.58 | 56.40 | 53.76 | -     | 59.10 | 60.30 |
| 23  | 61.93 | 60.24 | 57.10 | 58.28 | 59.85 | 60.46 | 60.44 | 56.25 | 53.33 | -     | 59.18 | 60.30 |
| 24  | 61.93 | 60.33 | 57.15 | 58.33 | 59.80 | 60.52 | 60.30 | 56.12 | 53.92 | -     | 59.22 | 60.30 |
| 25  | 61.93 | 60.27 | 57.10 | 58.38 | 59.95 | 60.54 | 60.08 | 56.05 | 54.03 | -     | 59.11 | 60.30 |
| 26  | 61.95 | 60.23 | 57.00 | 58.38 | 60.00 | 60.54 | 59.88 | 56.01 | 54.08 | -     | 59.18 | 60.33 |
| 27  | 61.95 | 60.09 | 57.00 | 58.38 | 60.02 | 60.54 | 59.69 | 56.01 | 54.15 | -     | 59.20 | 60.33 |
| 28  | 61.95 | 60.06 | 57.20 | 58.52 | 60.08 | 60.54 | 59.55 | 55.90 | 54.17 | -     | 59.18 | 60.33 |
| 29  | 61.95 | -     | 57.28 | 58.56 | 60.08 | 60.54 | 59.33 | 55.53 | 54.17 | -     | 59.18 | 60.45 |
| 30  | 61.97 | -     | 57.32 | 58.56 | 60.20 | 60.54 | 59.18 | 54.97 | 54.18 | -     | 59.34 | 60.41 |
| 31  | 61.97 | -     | 57.32 | -     | 60.27 | -     | 59.06 | 54.97 | -     | -     | -     | 60.53 |

Table 8.--Maximum daily water levels for well 10N.6E.5.33231, 1972-76 - Concluded

Junction Recorder Well (1976)  
10N.6E.5.33231

| DAY | JAN   | FEB   | MAR   | APR   | MAY   | JUNE  | JULY  | AUG   | SEPT  | OCT   | NOV   | DEC |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1   | 60.33 | 61.61 | 61.78 | 62.20 | 62.55 | 62.32 | 62.68 | 62.12 | 60.44 | -     | 60.16 | -   |
| 2   | 60.45 | 61.63 | 61.77 | 62.20 | 62.55 | 62.34 | 62.68 | 62.00 | 60.44 | -     | 60.16 | -   |
| 3   | 60.45 | 61.62 | 61.70 | 62.20 | 62.55 | 62.36 | 62.68 | 61.88 | 60.43 | -     | 60.22 | -   |
| 4   | 60.45 | 61.62 | 61.70 | 62.20 | 62.55 | 62.36 | 62.72 | 61.79 | 60.43 | -     | 60.23 | -   |
| 5   | 60.45 | 61.62 | 61.78 | 62.14 | 62.54 | 62.38 | 62.77 | 61.69 | 60.43 | -     | 60.23 | -   |
| 6   | 60.45 | 61.70 | 61.90 | 62.14 | 62.54 | 62.42 | 62.77 | 61.62 | 60.44 | -     | 60.23 | -   |
| 7   | 60.45 | 61.80 | 61.87 | 62.14 | 62.62 | 62.44 | 62.77 | 61.60 | 60.44 | -     | -     | -   |
| 8   | 60.45 | 61.82 | 61.87 | 62.17 | 62.63 | 62.44 | 62.77 | 61.58 | 60.44 | -     | -     | -   |
| 9   | 60.45 | 61.79 | -     | 62.20 | 62.56 | 62.44 | 62.77 | 61.57 | 60.44 | -     | -     | -   |
| 10  | 60.45 | 61.79 | -     | 62.20 | 62.53 | 62.44 | 62.78 | 61.55 | 60.44 | -     | -     | -   |
| 11  | 60.45 | 61.84 | -     | 62.22 | 62.43 | 62.43 | 62.78 | 61.45 | 60.43 | -     | -     | -   |
| 12  | 60.63 | 61.84 | -     | 62.24 | 62.38 | 62.43 | 62.78 | 61.39 | 60.43 | 59.43 | -     | -   |
| 13  | 60.80 | 61.82 | -     | 62.24 | 62.37 | 62.44 | 62.78 | 61.35 | 60.43 | 59.44 | -     | -   |
| 14  | 60.97 | 61.84 | -     | -     | 62.32 | 62.44 | 62.78 | 61.29 | 60.44 | 59.39 | -     | -   |
| 15  | 61.13 | 61.81 | -     | -     | 62.30 | -     | 62.78 | 61.24 | 60.44 | 59.39 | -     | -   |
| 16  | 61.32 | 61.75 | 62.08 | -     | 62.30 | -     | 62.70 | 61.22 | -     | 59.48 | -     | -   |
| 17  | -     | 61.72 | 62.04 | -     | 62.33 | -     | 62.55 | 61.21 | -     | 59.50 | 60.70 | -   |
| 18  | -     | 61.71 | 62.04 | -     | 62.28 | -     | 62.45 | 61.18 | -     | 59.50 | -     | -   |
| 19  | -     | 61.66 | 61.93 | -     | 62.27 | -     | 62.32 | 61.16 | -     | 59.58 | -     | -   |
| 20  | -     | 61.57 | 61.93 | 62.39 | 62.27 | -     | -     | 61.09 | -     | 59.65 | -     | -   |
| 21  | -     | 61.63 | 62.05 | 62.38 | 62.27 | -     | -     | 60.95 | -     | 59.67 | -     | -   |
| 22  | 61.32 | 61.79 | 62.09 | 62.38 | 62.27 | 62.52 | 62.32 | 60.85 | -     | 59.67 | -     | -   |
| 23  | 61.30 | 61.87 | 62.08 | 62.38 | 62.27 | 62.52 | 62.27 | 60.77 | -     | 59.67 | -     | -   |
| 24  | 61.25 | 61.74 | 62.08 | 62.40 | 62.27 | 62.53 | -     | 60.70 | -     | 59.73 | -     | -   |
| 25  | 61.25 | 61.77 | 62.02 | 62.40 | 62.23 | 62.60 | -     | 60.62 | -     | 59.80 | -     | -   |
| 26  | 61.34 | 61.84 | 62.02 | 62.37 | 62.23 | 62.60 | -     | 60.46 | -     | 59.82 | -     | -   |
| 27  | 61.45 | 61.84 | 62.06 | 62.37 | 62.28 | 62.62 | -     | 60.45 | -     | 59.87 | -     | -   |
| 28  | 61.49 | 61.80 | 62.05 | 62.43 | 62.28 | 62.67 | -     | 60.45 | -     | 59.99 | -     | -   |
| 29  | 61.57 | 61.78 | 62.05 | 62.50 | 62.27 | 62.67 | -     | 60.44 | -     | 60.00 | -     | -   |
| 30  | 61.57 | -     | 62.14 | 62.50 | 62.27 | 62.67 | -     | 60.44 | -     | 60.00 | -     | -   |
| 31  | 61.57 | -     | 62.20 | -     | 62.27 | -     | -     | 60.44 | -     | 60.10 | -     | -   |