



TEXAS DEPARTMENT OF WATER RESOURCES

REPORT 228

WATER-LEVEL DATA FROM OBSERVATION  
WELLS IN THE SOUTHERN HIGH PLAINS OF  
TEXAS, 1971-77

By

Howard D. Taylor, Geologist  
and  
Staff of the Water Levels Section

April 1979

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## TABLE OF CONTENTS

	Page
INTRODUCTION . . . . .	1
WATER-LEVEL OBSERVATION PROGRAM . . . . .	1
FLUCTUATIONS OF WATER LEVELS . . . . .	3
METHODS OF COLLECTING WATER-LEVEL DATA . . . . .	3
PRESENTATION OF DATA . . . . .	4
WELL-NUMBERING SYSTEM . . . . .	4
ACKNOWLEDGEMENTS . . . . .	5
SELECTED REFERENCES . . . . .	7

## DATA BY COUNTIES

(Number Indicates Page)

	Well Locations	Water-Level Measurements	Hydrographs and Precipitation	Depth-To-Water Contour Maps
Andrews	12	13	16	17
Armstrong	20	21	31	32
Bailey	34	35	49	50
Borden	52	53	55	56
Briscoe	58	59	68	69
Carson	72	73	88	89
Castro	92	93	106	107
Cochran	110	111	124	125
Crosby	128	129	139	140
Dawson	142	143	149	150

TABLE OF CONTENTS—Continued

	Well Locations	Water-Level Measurements	Hydrographs and Precipitation	Depth-To-Water Contour Maps
Deaf Smith	152	153	173	174
Donley	176	177	183	184
Floyd	186	187	208	209
Gaines	212	213	222	223
Garza	226	227	230	231
Gray	234	235	244	245
Hale	248	249	266	267
Hockley	270	271	287	288
Howard	290	291	294	295
Lamb	298	299	316	317
Lubbock	320	321	345	346
Lynn	348	349	358	359
Martin	362	363	370	371
Oldham	374	375	379	380
Parmer	382	383	395	396
Potter	398	399	401	402
Randall	404	405	417	418
Swisher	420	421	435	436
Terry	438	439	449	450
Wheeler	452	453	469	470
Yoakum	472	473	483	484



# WATER-LEVEL DATA FROM OBSERVATION WELLS IN THE SOUTHERN HIGH PLAINS OF TEXAS, 1971-77

## INTRODUCTION

This report has been prepared to update the previously published Texas Water Development Board Report 121, *Water-Level Data From Observation Wells in the Southern High Plains of Texas, 1965-70*. Collectively, these two volumes plus Texas Water Development Board Report 21, *Water-Level Data From Observation Wells in the Southern High Plains of Texas* (April 1966), reflect the historical period of water-level observation in this area to February 1977. Hemphill and Roberts Counties, included in Reports 21 and 121, have been omitted from this report but will appear in a similar report planned for the near future which will cover the remaining area of the Texas Panhandle on the north. Wheeler County, not included in Reports 21 and 121, is included in this report and all water-level data for the period of record in this county is tabulated.

Changes in ground-water conditions in this area are of major concern to those who use the water as well as all others affected by the economy generated through its use. Attesting to this fact is the large volume of requests for water-level and other ground-water data from individuals, municipal governments, and industry received and processed by the Texas Water Development Board each year.

Water-level records from approximately 1,800 wells which are located in 31 counties in the Southern High Plains of Texas are presented in this report. Since publication of Report 121, significant additions of wells to the monitoring networks have been made in Armstrong, Briscoe, Donley, Gray, Oldham, Randall, and Swisher Counties.

The water-level measurements presented in this report are primarily from wells developed in the Ogallala Formation. Some in the southernmost part of the area are from wells which penetrate the entire Ogallala and into the underlying rocks of either Cretaceous or Triassic age. Similarly, in the northern part of the area, measurements are from a few wells which penetrate the entire Ogallala and into underlying rocks of Triassic age. Indications are that the Ogallala aquifer is probably

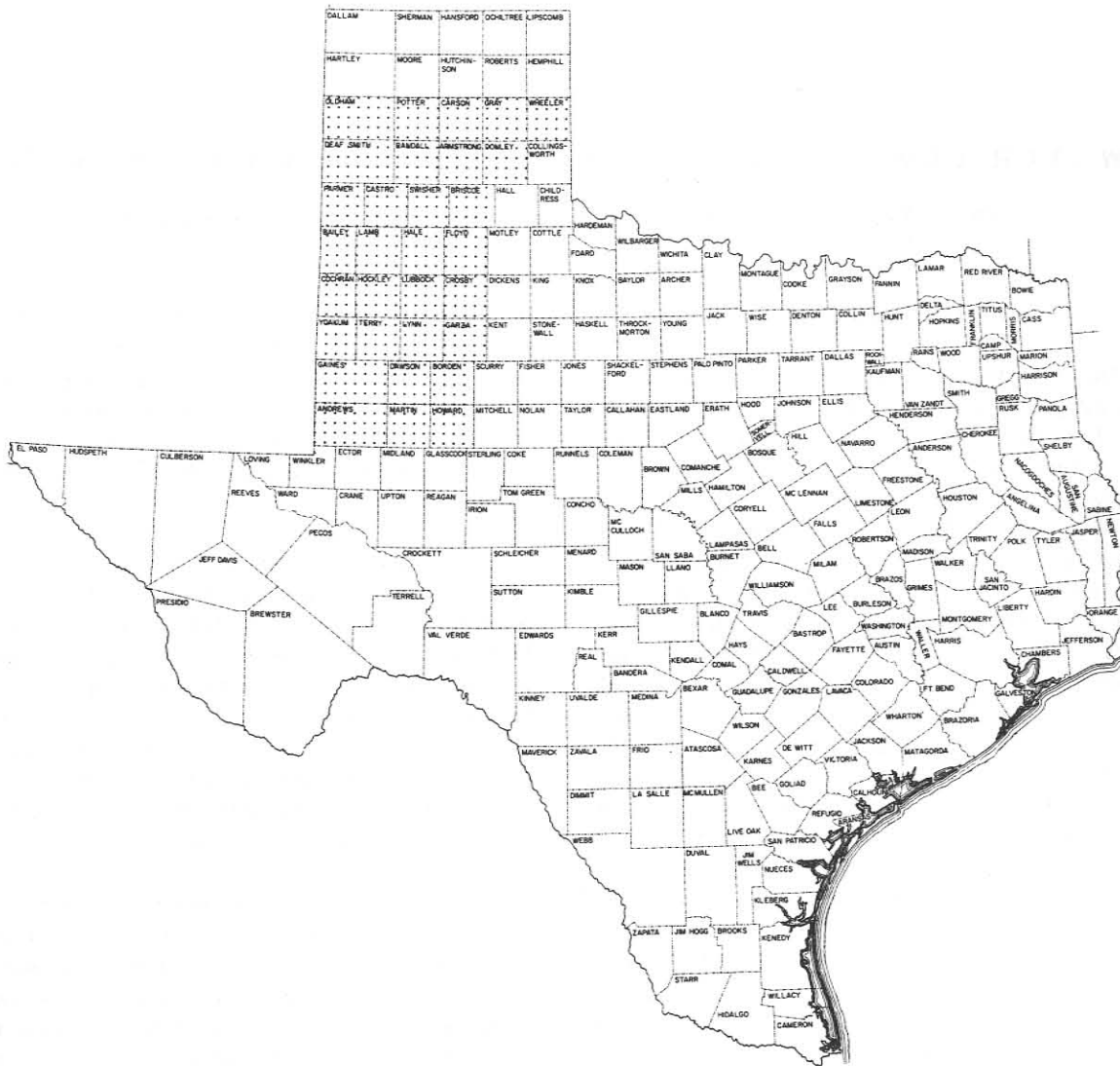
hydrologically connected with the underlying rocks in some of those areas in the southern part but is separated from the underlying rocks in some of those areas in the northern part. Also included are measurements from a few wells developed in Quaternary, Triassic, and Permian aquifers which are located outside the areal extent of the Ogallala Formation.

The Ogallala Formation is the major ground-water reservoir or aquifer in the Southern High Plains. Its total thickness varies from a "knife-edge" to more than 500 feet over the approximately 30,500 square miles covered by this report. However, much of the upper part of the formation contains no ground water. That part which is saturated with water (referred to as the saturated thickness of the aquifer) varies from less than 20 feet in many areas to more than 300 feet in certain locations in the northern part of the report area.

Most of the wells from which water-level data are obtained are in areas of large withdrawals of ground water for irrigation, industrial, and municipal purposes. These data may be used by landowners, prospective landowners, or other interested parties to calculate the saturated thickness of the Ogallala aquifer underlying any parcel of land where it is present. This thickness can be determined by obtaining a current water-level measurement from all wells on and surrounding the parcel of interest and subtracting each measurement from the total thickness of the Ogallala Formation at each location. The total thickness of the Ogallala Formation can be ascertained from well logs in which the entire Ogallala was penetrated.

## WATER-LEVEL OBSERVATION PROGRAM

Observation wells are measured by the Texas Water Development Board throughout the State to observe changes in water levels in the principal aquifers. The Board's Water-Level Observation Program is directed toward the accomplishment of several objectives. These objectives are: (1) the selection, in every major aquifer, of a network of wells that are spaced to afford adequate



Map of Texas Showing Area Covered by This Report

data for preparation of potentiometric and other maps and graphs that graphically display the collective result of the fluctuation of water levels as revealed by water-level measurements; (2) annual or periodic measurement of water levels in each well in this network made at the time of year when water levels have recovered from the effect of pumping during the season of peak water demand; (3) the operation of continuous water-stage recorders in representative wells where a continuous record of water-level changes is needed; and (4) publication of water-level information and the evaluation of the data.

The Water-Level Observation Program of the Texas Water Development Board is conducted by

personnel of the Ground Water Division, a Board technical service division, under the general direction of C. R. Basin, chief engineer, and Tommy Knowles, director of the Ground Water Division. This report was prepared under the supervision of Bernard B. Baker, chief of the Data Branch, and Howard Taylor, chief of the Water Levels Section. Tabulations of the water-level data contained in this report were prepared by the Board's Data Systems Division, T. R. Evans, director, and the Computer Center Division, Ken Kraft, director. Staff of the Water Levels Section are: Douglas B. Coker, Charles E. Cornelis, Doyle D. Crim, John A. Derton, Stephen W. Moore, and Howard D. Taylor.

## FLUCTUATIONS OF WATER LEVELS

In the Southern High Plains the principal long-term changes in water levels have reflected decreases in the overall volume of water stored in the aquifer. When pumpage exceeds recharge, which is quite small in this region, some of the water discharged from the aquifer must be withdrawn from storage, and water levels decline.

When a water well is pumped, the water table in the vicinity of the well is drawn down in the shape of an inverted cone with its apex at the pumped well. This cone is commonly referred to as the cone of depression. The development or growth of this cone depends on the physical and hydraulic characteristics of the aquifer, and on the rate of pumping.

Where extensive development takes place in an aquifer, each well superimposes its individual cone of depression on the cones of neighboring wells. This results in the development of a regional cone of depression. When the cone of one well overlaps the cone of another, interference occurs and an additional lowering of water levels takes place as the wells compete for water. The amount or extent of interference between these cones of depression depends on the rate of pumping from each well, the spacing between wells, and the physical and hydraulic characteristics of the aquifer.

The excessive decline of water levels is a principal cause of increased pumping cost, decreased well yields, and abandonment of shallower wells. In some areas of Texas an undesirable change in water quality due to salt-water encroachment is also possible.

## METHODS OF COLLECTING WATER-LEVEL DATA

Water levels in most of the observation wells are measured on an annual basis. If possible, wells selected for annual observation purposes should not be equipped with a pump and should be located a reasonable distance from heavily pumped wells. However, in areas of intense ground-water development, such as the Southern High Plains area, usually the only wells available for measurements are equipped with large-capacity turbine pumps. It is then necessary to measure the water levels in these wells after allowing sufficient time following cessation of pumping for water levels to recover to a level representative of the general area. In irrigated areas it is most desirable to measure water levels during the winter months when pumping is at a minimum or nonexistent and water levels have recovered to their highest level.

Water levels are reported as depth to water below land surface. This depth is obtained by measuring the distance from a permanent measuring point at the well and near the land surface to the water level in the well, and then subtracting the vertical distance between the measuring point and the land surface. Water-level measurements in the Southern High Plains are obtained by one of the following methods:

### (1) Wetted Steel Tape Method

A calibrated steel tape is lowered into the well until a portion of the lower end of the tape is submerged in the water. The depth to water below the well's measuring point is obtained by subtracting the wetted portion of the lower end from the footmark held at the well's measuring point.

Water levels measured with a steel tape are recorded in the Texas Water Development Board's records to the nearest hundredth of a foot. The wetted steel tape method for obtaining water-level measurements is considered the most accurate, and is the method commonly used by Texas Water Development Board personnel.

### (2) Electric-Line Method

The electric line measuring device consists of a hand-operated reel, a current meter, a dry-cell battery for power, and a length of double-conductor insulated wire with electrodes at the lower end. The electric line operates on the principle of a completed electric circuit; when the electrodes on the end of the electric line contact the water surface in the well, the electric circuit is completed and is indicated on the current meter at land surface. Calibrated markings on the electric line provide a means for direct reading of the water level. The electric-line method is used where water-level measurements are unobtainable with a steel tape, such as in wells having leaky casing.

Water-level measurements obtained by this method are recorded in the Texas Water Development Board's records to the nearest tenth of a foot.

### (3) Automatic Recorder Method

An automatic water-level recorder consists of a float suspended by a metal tape or cable from a recording instrument installed over the well. As the float rises and falls with the water surface in the well, the motion is transferred to a pen which graphs the fluctuation on a clock-driven chart. The continuous recording of water levels in a well affords the best means for observing rapid and irregular water-level fluctuations in areas of large ground-water development.

Recorders are visited at frequent intervals for maintenance, accuracy checks, and collection of the water-level charts. Water-level readings taken from the charts are tabulated in the Texas Water Development Board's records to the nearest hundredth of a foot.

## PRESENTATION OF DATA

For each observation well in the Texas Water Development Board's Water Level Observation Program, the water-level measurement, date of measurement, pertinent remarks, and initials of the person taking the measurement are recorded in the field on standard forms. The field data are later transferred to computer storage from which they can be retrieved in tabular or graphic form for use in analyzing ground-water conditions.

Tabulated in this report are records of water levels from observation wells for 31 counties of the Southern High Plains. These listings provide the following information: well number, depth of well, elevation of land surface in feet above mean sea level, dates of measurement, measurements of water level in feet below land surface, and changes (decline or rise) in water level from the previous year's measurement. Most of the water-level measurements tabulated in this report were obtained from January 1971 through January 1977, although some 1970 measurements that were not published earlier are also included. For Wheeler County as previously noted, the entire historical record is shown, beginning December 1946. The tables are reproduced from direct printouts of electronic data processing equipment. The following numeric codes are used for aquifer identification in the tables:

<u>Code</u>	<u>Aquifer</u>
001	Alluvium
056	Dockum Group
060	Dog Creek Shale and Blaine Gypsum
136	Ogallala Formation
137	Ogallala Formation and Alluvium
160	Santa Rosa Sandstone
180	Trinity Group
208	Permian System
224	Ogallala Formation and Santa Rosa Sandstone
225	Triassic System
241	Trinity Group, Fredericksburg Group, and Ogallala Formation
246	Ogallala Formation and Triassic System
272	Antlers Sand

<u>Code</u>	<u>Aquifer</u>
292	Quaternary Terrace Deposits
296	Whitehorse Group
315	Ochoa Series
335	Chinle Formation

Preceding the table for each county is a well-location map. A well symbol and the last three digits of the well number appear on the map at the location of each well listed in the county tabulation.

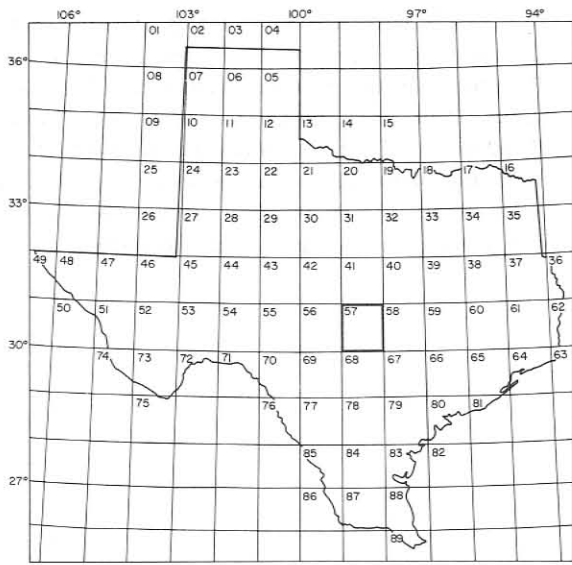
Hydrographs, showing changes in water level, are presented for selected wells following the respective county tabulations. The wells for which hydrographs have been prepared are indicated on the maps by a line beneath the well number. A few of these hydrographs show the entire water-level observation record, including the data tabulated in this report and data from Reports 21 and 121. The remaining hydrographs show the water-level record from 1960-61 to 1977. In conjunction with the hydrographs, the precipitation as reported by the National Weather Service is graphically presented by year in the form of bar graphs.

A depth-to-water contour map for each county is included following the hydrographs. These maps are graphic indications of the depth to water from land surface in 1977 for all areas where there is sufficient well-data control. They may also be used to quickly approximate the saturated thickness of the Ogallala Formation in those areas where the total thickness of the formation is known. The contours on these maps were derived by computer without regard to irregularities in the land surface between the well sites used for control. Consequently, the maps should be used only in those areas having nearly flat terrain, and should not be relied on in any areas of abrupt change in land-surface elevation.

Water-level measurements are presented in this report for a number of wells which have been lost to the program during the 7-year period. Most of these wells have been abandoned and destroyed, some have had equipment changes which make it impossible to enter the well with a measuring device, and others have been lost to the program for various other reasons.

## WELL-NUMBERING SYSTEM

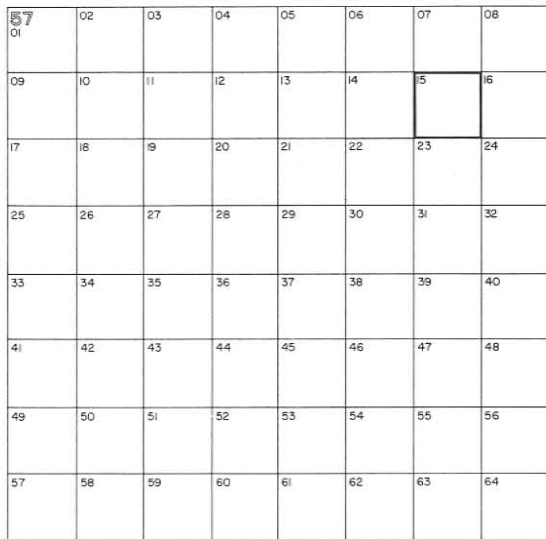
To facilitate the location of wells and to avoid duplication of well numbers in present and future studies, the Texas Water Development Board has adopted a statewide well-numbering system. This system is based on division of the State into a grid of 1-degree



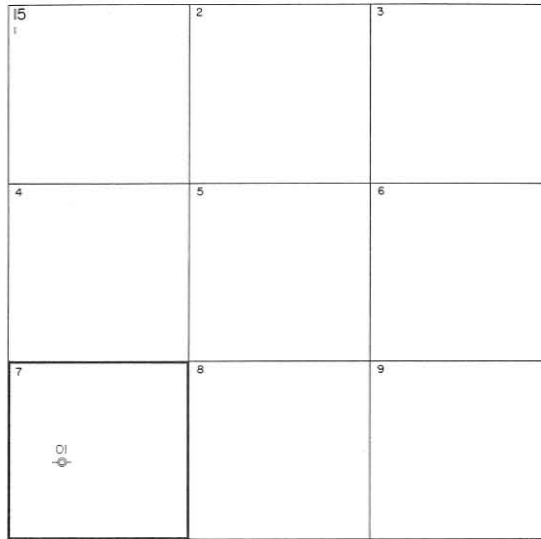
1 - degree Quadrangles

Location of Well

- 57 1 - degree quadrangle
- 15 7 1/2 - minute quadrangle
- 7 2 1/2 - minute quadrangle
- 01 Well number within 2 1/2 - minute quadrangle



7 1/2 - minute Quadrangles



2 1/2 minute Quadrangles

Well Numbering System

quadrangles formed by degrees of latitude and longitude, and the repeated division of these quadrangles into smaller ones as shown in the following diagram.

Each 1-degree quadrangle is divided into sixty-four 7 1/2-minute quadrangles, each of which is further divided into nine 2 1/2-minute quadrangles. Each 1-degree quadrangle in the State has been assigned an identification number. The sixty-four 7 1/2-minute quadrangles are numbered consecutively from left to right, beginning in the upper left-hand corner of the 1-degree quadrangle, and the nine 2 1/2-minute quadrangles within each 7 1/2-minute quadrangle are

similarly numbered. The first 2 digits of a well number identify the 1-degree quadrangle; the 3rd and the 4th, the 7 1/2-minute quadrangle; the 5th digit identifies the 2 1/2-minute quadrangle; and the last 2 digits identify the well within the 2 1/2-minute quadrangle.

On the well-location maps in this report, the 1-degree grid lines are identified with large open-block numerals, and the 7 1/2-minute quadrangles are numbered in their northwest corners. The 3-digit number shown with the well symbol contains the number of the 2 1/2-minute quadrangle in which the well is located and the number of the well within that quadrangle.

## ACKNOWLEDGEMENTS

Special appreciation is expressed to the many well owners in the area covered by this report for their interest and cooperation in allowing their wells to be measured in the Board's Water-Level Observation Program.

Each year, the High Plains Underground Water Conservation District No. 1 in Lubbock and the Panhandle Ground Water Conservation District No. 3 in White Deer have cooperated with the Texas Water Development Board by making available to the Board staff the water-level measurements from the wells in their respective districts. The assistance of these districts and of their staff is gratefully acknowledged.



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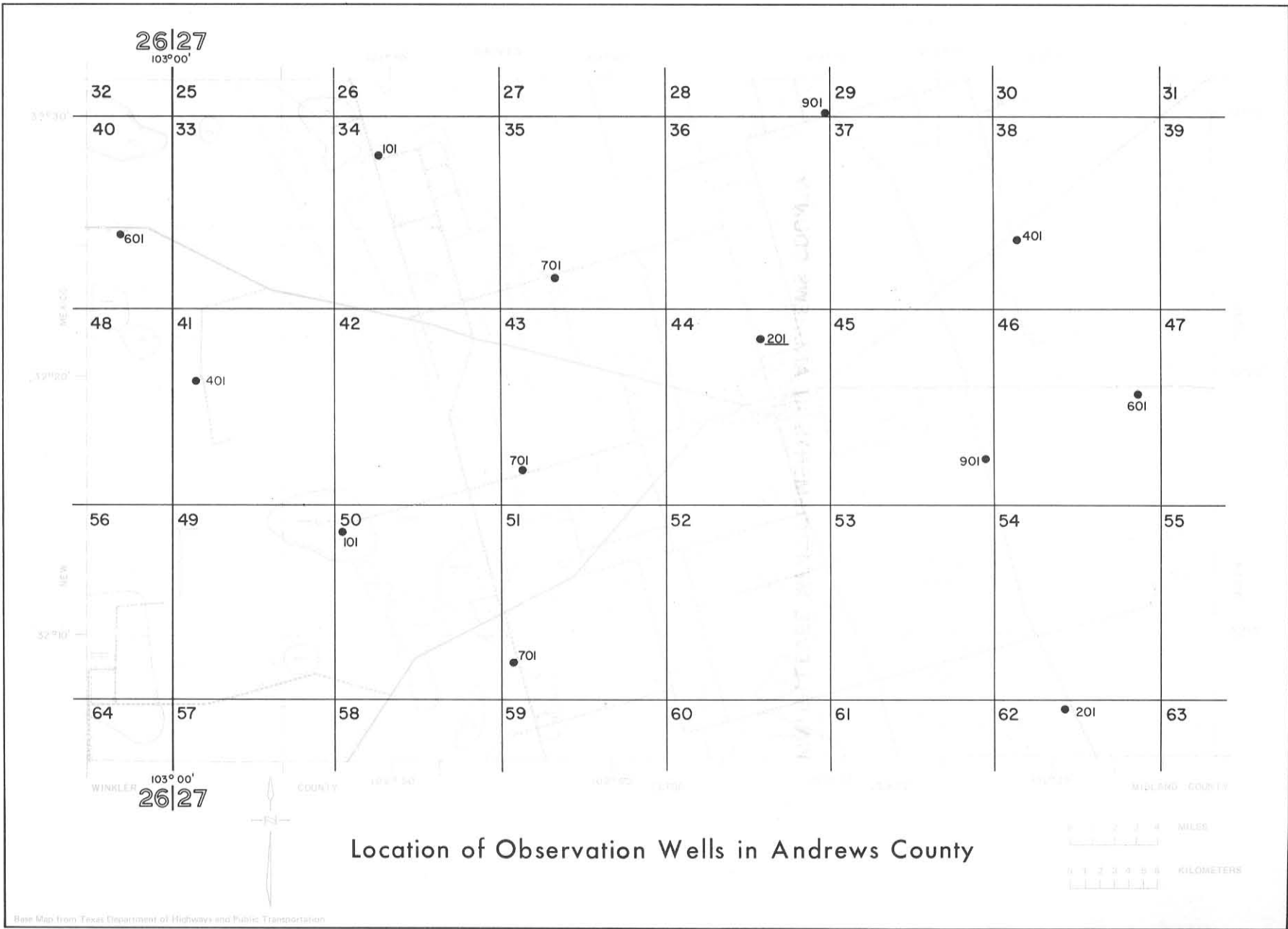
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WATER-LEVEL MEASUREMENTS IN ANDREWS COUNTY



Base Map from Texas Department of Highways and Public Transportation

ANDREWS COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
26-40-601	136	----	3490.00	12-10-70	79.35		
				01-05-72	80.15	0.80	
				01-16-73	80.72	0.57	
				12-08-73	68.87*		11.85
				12-03-74	71.82*	2.95	
				11-04-75	69.39		2.43
				11-02-76	69.91	0.52	
27-28-901	136	61	3145.00	12-09-70	53.20		
				01-05-72	53.50	0.30	
				01-16-73	53.36		0.14
				12-08-73	53.50	0.14	
				12-03-74	53.62	0.12	
				11-04-75	53.64	0.02	
				11-02-76	53.57		0.07
27-34-101	241	----	3374.00	12-10-70	123.38		
				01-05-72	124.05	0.67	
				01-16-73	122.89		1.16
				12-08-73	123.73	0.84	
				12-03-74	122.97		0.76
				11-04-75	125.80Q	2.83	
				11-02-76	122.94		2.86
27-35-701	136	----	3230.00	12-10-70	92.16		
				01-05-72	92.97	0.81	
				01-16-73	95.60	2.63	
				12-08-73	92.30		3.30
				12-03-74	91.60		0.70
				11-04-75	93.78	2.18	
				11-02-76	95.70Q	1.92	
27-38-401	241	----	3025.00	12-09-70	96.15		
				01-05-72	90.10		6.05
				01-16-73	98.98*	8.88	
				12-08-73	96.50*		2.48
				12-04-74	82.56		13.94
				11-04-75	92.33*	9.77	
				11-02-76	85.40Q		6.93
27-41-401	160	----	3358.00	12-10-70	316.44		

ANDREWS COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-05-72	318.22	1.78	
				01-16-73	318.76	0.54	
				12-08-73	323.40Q	4.64	
27-43-701	136	----	3242.00	12-09-70	103.95		
				01-05-72	103.03		0.92
				01-16-73	99.68		3.35
				12-08-73	98.96		0.72
				12-03-74	99.95*	0.99	
				11-05-75	101.00*	1.05	
				11-03-76	97.80*		3.20
27-44-201	136	----	3175.00	12-09-70	57.50		
				01-05-72	56.10		1.40
				01-16-73	55.58		0.52
				12-08-73	55.84	0.26	
				12-03-74	57.90	2.06	
				11-05-75	55.39		2.51
				11-02-76	54.67		0.72
27-45-901	136	----	3031.00	12-09-70	57.10		
				01-05-72	57.88	0.78	
				01-16-73	59.14*	1.26	
				12-08-73	54.20*		4.94
				12-04-74	52.40*		1.80
				11-05-75	51.73*		0.67
				11-02-76	48.75		2.98
27-46-601	136	----	2983.00	12-09-70	55.80		
				01-05-72	56.98	1.18	
				01-16-73	57.36*	0.38	
				12-08-73	56.70*		0.66
				12-04-74	54.48*		2.22
				11-05-75	54.40*		0.08
				11-02-76	54.25		0.15
27-50-101	136	----	3274.00	12-09-70	62.05		
				01-05-72	62.78	0.73	
				01-16-73	59.96		2.82
				12-08-73	57.58		2.38
				12-03-74	57.64	0.06	
				11-05-75	57.10		0.54
				11-03-76	59.30	2.20	

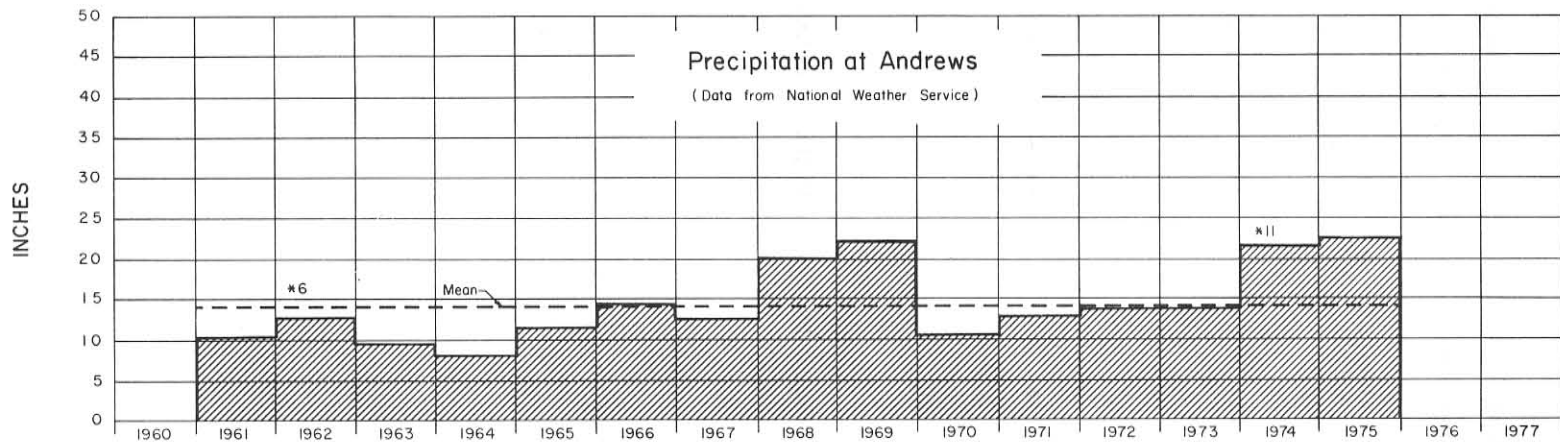
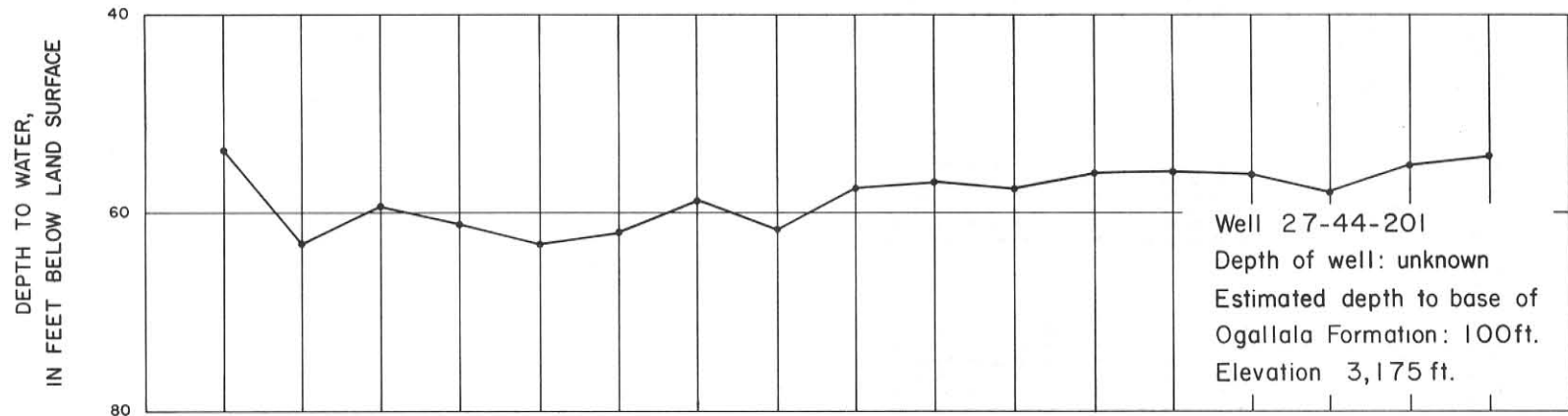
ANDREWS COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
27-51-701	136	----	3274.00	12-09-70	67.50		
				01-05-72	68.28*	0.78	
				01-16-73	69.14*	0.86	
				12-08-73	68.72*		0.42
				12-03-74	67.90		0.82
				11-05-75	77.85*	9.95	
				11-03-76	71.80		6.05
27-62-201	136	----	2928.00	12-09-70	34.58		
				01-05-72	34.94	0.36	
				01-16-73	36.69*	1.75	
				12-07-73	33.70*		2.99
				12-03-74	22.36*		11.34
				11-05-75	25.84*	3.48	
				11-02-76	29.43	3.59	

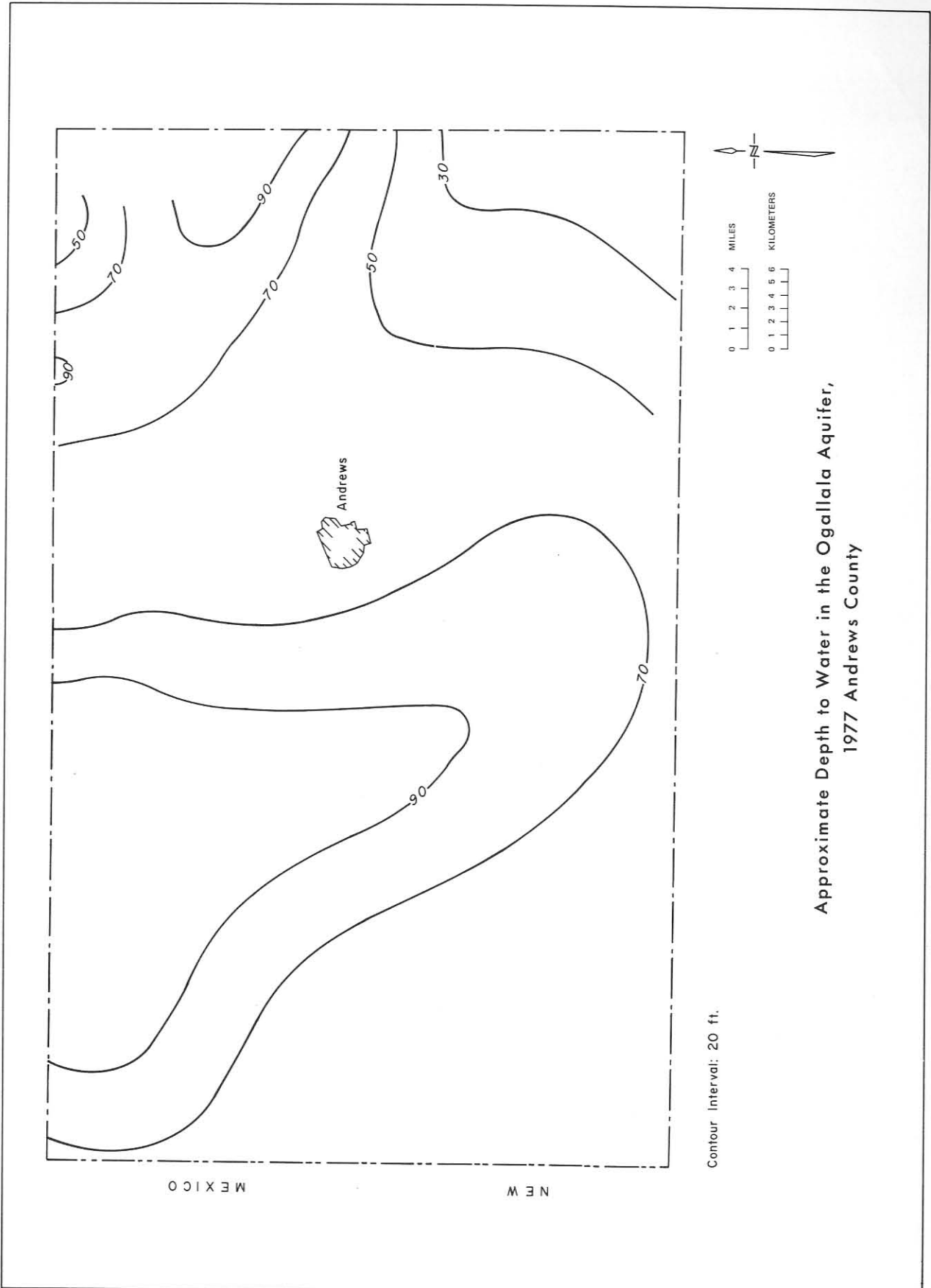
13 WELLS IN ANDREWS COUNTY



\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrograph of Selected Well in Andrews County and Precipitation at Andrews

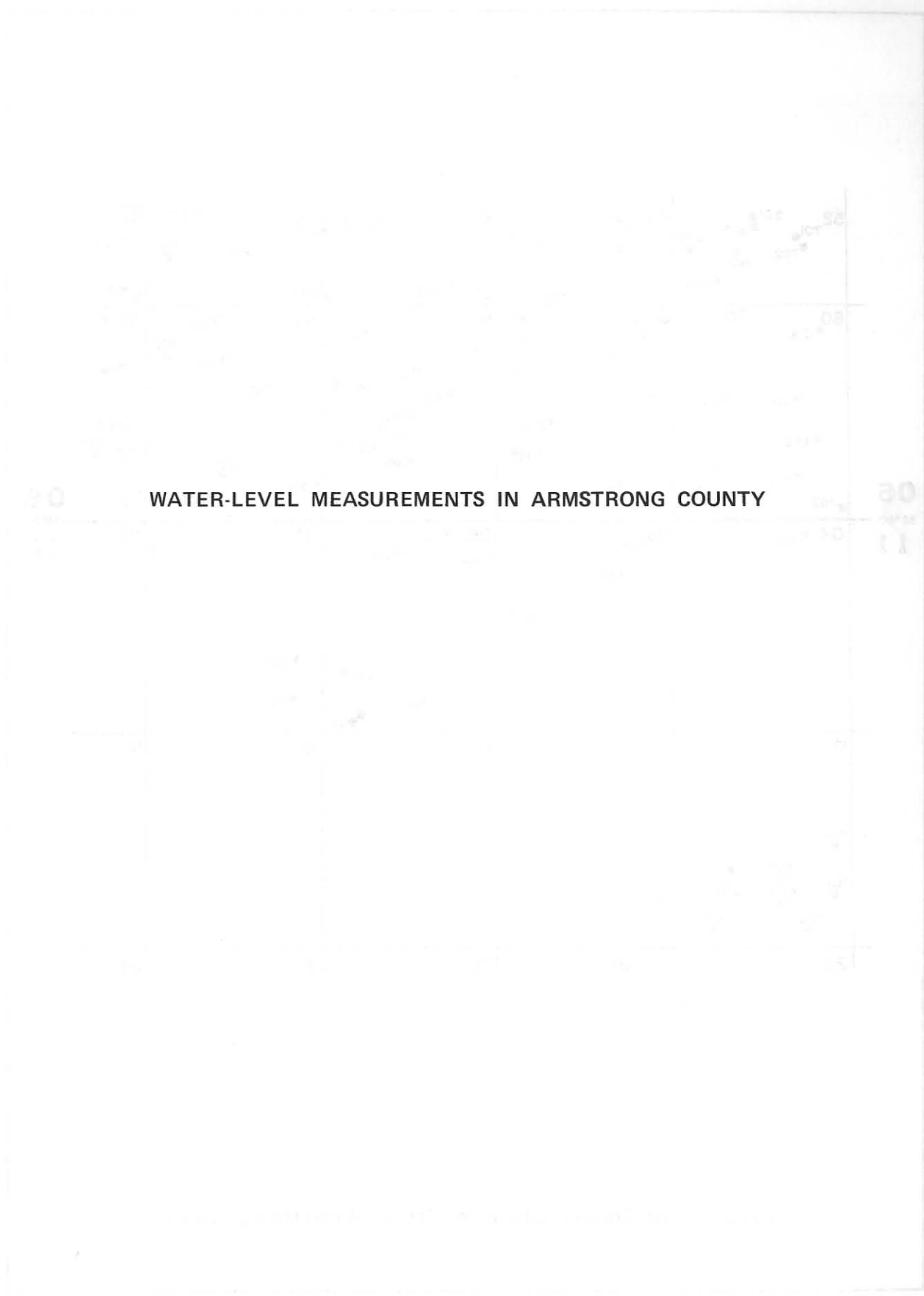


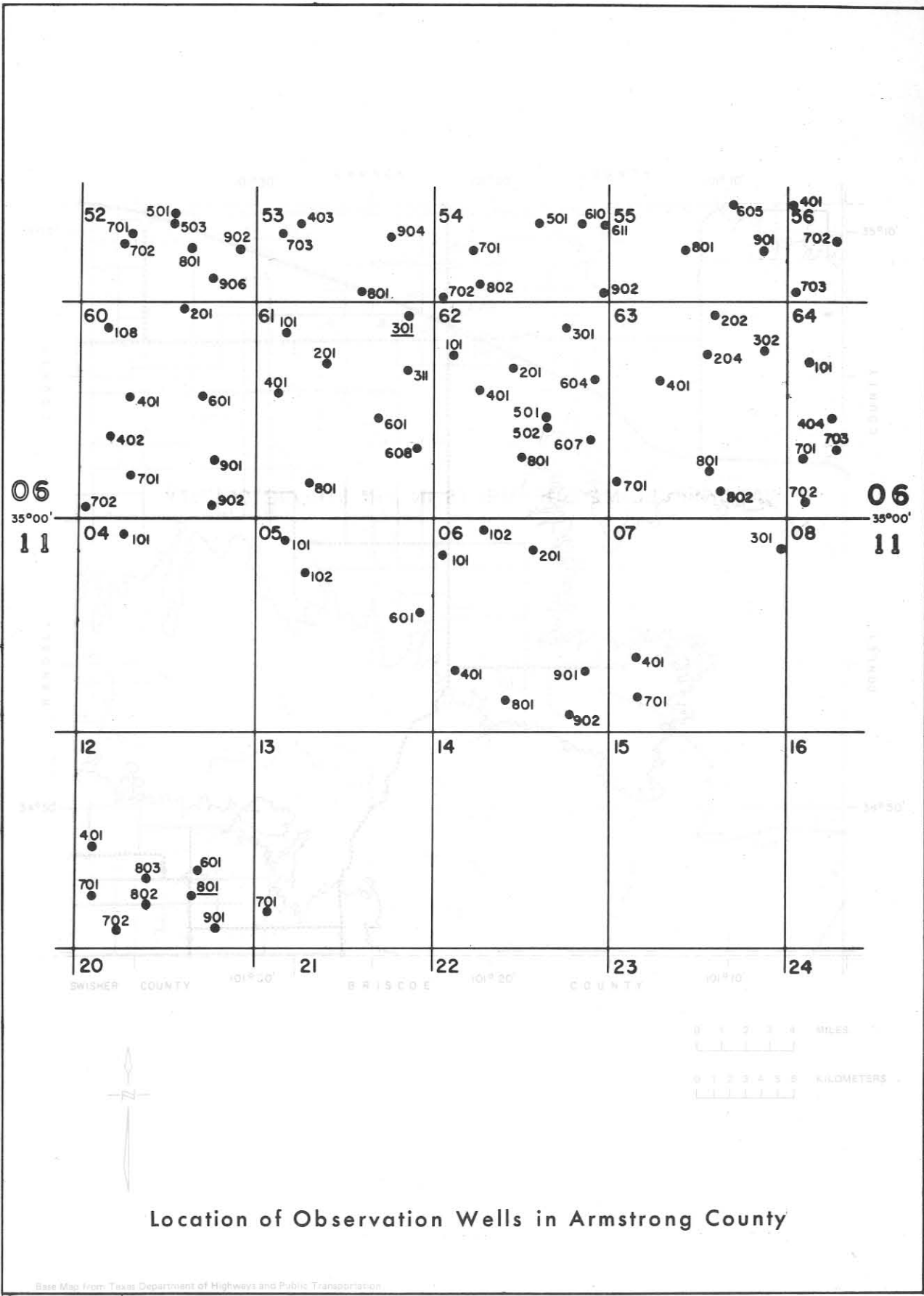


Approximate Depth to Water in the Ogallala Aquifer,  
1977 Andrews County



WATER-LEVEL MEASUREMENTS IN ARMSTRONG COUNTY





Location of Observation Wells in Armstrong County

Base Map from Texas Department of Highways and Public Transportation

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-52-501	136	263	3524.00	01-12-71	214.10		
				01-12-72	214.91	0.81	
				01-08-73	216.85	1.94	
				01-04-74	213.73		3.12
				01-03-75	218.46	4.73	
				12-02-75	218.42		0.04
			12-10-76	220.08	1.66		
06-52-503	136	----	3523.00	01-12-71	215.89		
				01-12-72	214.51		1.38
				01-08-73	215.23	0.72	
				01-04-74	214.90		0.33
			01-03-75	215.98	1.08		
06-52-701	136	----	3510.00	01-12-71	174.58		
				01-12-72	176.91	2.33	
				01-04-74	185.06	8.15	
				01-03-75	171.35		13.71
06-52-702	136	----	3528.00	01-12-71	211.02		
				01-12-72	210.94		0.08
				01-08-73	207.09		3.85
				01-04-74	206.39		0.70
				01-04-75	206.43	0.04	
				12-02-75	207.29	0.86	
			12-10-76	210.04	2.75		
06-52-801	136	250	3499.00	01-12-71	162.74		
				01-12-72	172.66	9.92	
				01-08-73	163.36		9.30
				01-04-74	163.23		0.13
				01-03-75	163.66	0.43	
				12-02-75	164.79	1.13	
			12-10-76	165.69	0.90		
06-52-902	136	----	3482.00	01-12-71	173.66		
				01-12-72	154.67		18.99
				01-08-73	155.94	1.27	
				01-04-74	155.69		0.25
				01-03-75	156.47	0.78	
			12-02-75	160.47*	4.00		

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-10-76	161.22	0.75	
06-52-906	136	285	3440.00	04-09-75	106.58		
				12-02-75	106.77	0.19	
				12-10-76	108.05	1.28	
06-53-403	136	223	3480.00	02-11-75	187.22		
				12-02-75	186.85		0.37
				12-10-76	186.60		0.25
06-53-703	136	230	3480.00	02-11-75	186.05		
				12-02-75	186.90	0.85	
				12-10-76	192.09	5.19	
06-53-801	136	244	3428.00	02-27-75	165.06		
				12-02-75	165.04		0.02
				12-10-76	164.90		0.14
06-53-904	136	200	3445.00	03-26-75	188.46*		
				12-02-75	187.03		1.43
				12-10-76	188.11	1.08	
06-54-501	136	298	3345.00	04-01-75	249.64		
				12-02-75	249.54		0.10
				12-14-76	252.34	2.80	
06-54-610	136	234	3260.00	03-05-75	197.90		
				12-02-75	197.64		0.26
				12-14-76	199.20	1.56	
06-54-611	136	378	3346.00	03-05-75	292.34		
				12-02-75	293.10	0.76	
				12-20-76	294.98	1.88	
06-54-701	136	299	3395.00	02-12-75	260.34		
				12-02-75	254.87		5.47
				12-14-76	252.87		2.00
06-54-702	136	210	3411.00	04-01-75	182.50		
				12-03-75	185.19*	2.69	
				12-14-76	185.30	0.11	
06-54-802	136	355	3407.00	02-12-75	315.66		

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-14-76	317.20	1.54	
06-54-902	136	370	3350.00	02-26-75	301.72		
				12-03-75	301.74	0.02	
				12-20-76	302.75	1.01	
06-55-605	136	500	3326.00	12-03-75	323.54		
06-55-801	136	147	3105.00	03-05-75	106.72		
				12-03-75	106.92	0.20	
				12-14-76	108.65	1.73	
06-55-901	136	341	3140.00	02-13-75	220.20		
				12-03-75	219.96		0.24
				12-14-76	221.97	2.01	
06-56-401	136	448	3297.00	02-13-75	320.52		
				12-03-75	326.18	5.66	
				12-20-76	336.43	10.25	
06-56-702	136	502	3277.00	02-13-75	311.38		
				12-03-75	314.00	2.62	
				12-20-76	315.76	1.76	
06-56-703	136	162	3075.00	03-18-75	96.17		
				12-03-75	96.18	0.01	
				12-20-76	97.26	1.08	
06-60-108	136	227	3527.00	02-12-75	201.35		
				12-03-75	206.36	5.01	
06-60-201	136	260	3482.00	04-08-75	169.10		
				12-04-75	169.02		0.08
				12-08-76	168.63		0.39
06-60-401	136	200	3489.00	03-24-75	177.20		
				12-04-75	178.53	1.33	
06-60-402	136	300	3487.00	03-26-75	182.95		
				12-04-75	183.07	0.12	
06-60-601	136	215	3481.00	04-03-75	178.07		
				12-04-75	179.32	1.25	

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-08-76	180.18Q	0.86	
06-60-701	136	316	3476.00	03-26-75	186.88		
				12-04-75	187.04	0.16	
				12-08-76	189.28	2.24	
06-60-702	136	280	3482.00	03-20-75	199.68		
				12-04-75	200.08Q	0.40	
06-60-901	136	187	3456.00	03-26-75	177.62		
				12-04-75	176.62		1.00
				12-07-76	182.50	5.88	
06-60-902	136	294	3460.00	03-20-75	212.29		
				12-04-75	206.96		5.33
				12-08-76	206.38		0.58
06-61-101	136	284	3452.00	01-12-71	160.60		
				01-12-72	157.84		2.76
				01-08-73	161.12	3.28	
				01-04-74	158.80		2.32
				01-06-75	158.35		0.45
				12-04-75	159.22	0.87	
				12-10-76	162.69	3.47	
06-61-201	136	263	3432.00	01-12-72	186.70Q		
				01-04-74	197.10*	10.40	
				01-06-75	200.06*	2.96	
				12-04-75	207.22*	7.16	
				12-08-76	211.57	4.35	
06-61-301	136	304	3415.00	01-12-71	172.90		
				01-12-72	176.60	3.70	
				01-08-73	175.96		0.64
				01-04-74	175.24		0.72
				01-06-75	174.34		0.90
				12-04-75	173.18		1.16
				12-10-76	174.02	0.84	
06-61-311	136	265	3402.00	02-27-75	195.78		
				12-10-76	205.95	10.17	
06-61-401	136	----	3445.00	01-12-71	166.58		



ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-12-72	164.05		2.53
				01-08-73	164.36	0.31	
				01-04-74	164.07		0.29
				01-06-75	164.44	0.37	
				12-04-75	165.35	0.91	
				12-08-76	169.04	3.69	
06-61-601	136	212	3427.00	02-27-75	170.74		
				12-04-75	172.02	1.28	
				12-10-76	171.63		0.39
06-61-608	136	230	3403.00	04-14-75	164.30		
				12-05-75	165.80	1.50	
				12-10-76	166.11	0.31	
06-61-801	136	234	3433.00	04-09-75	166.12		
				12-04-75	165.74		0.38
06-62-101	136	306	3395.00	01-12-71	213.40		
				01-11-72	200.79		12.61
				01-08-73	209.76	8.97	
				12-04-75	205.42		4.34
				12-13-76	208.27	2.85	
06-62-201	136	270	3352.00	03-20-75	185.02		
				12-05-75	186.63	1.61	
				12-13-76	187.20	0.57	
06-62-301	136	315	3362.00	02-12-75	229.95Q		
				12-05-75	284.08*	54.13	
				12-14-76	278.25Q		5.83
06-62-401	136	228	3340.00	02-27-75	156.04		
				12-04-75	156.60	0.56	
				12-13-76	157.62	1.02	
06-62-501	136	297	3314.00	01-12-71	188.26		
				01-11-72	188.94	0.68	
				01-08-73	190.52	1.58	
				01-04-74	189.52		1.00
				01-06-75	189.66	0.14	
				12-05-75	189.86	0.20	
				12-13-76	192.52	2.66	

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-62-502	136	287	3299.00	01-12-71	176.65		
				01-11-72	170.74		5.91
				01-08-73	172.29	1.55	
				01-04-74	170.96		1.33
				01-06-75	171.72	0.76	
06-62-604	136	340	3345.00	02-26-75	320.42		
				12-05-75	303.48		16.94
				12-20-76	317.90	14.42	
06-62-607	136	315	3310.00	02-14-75	223.88		
				12-05-75	221.95		1.93
06-62-801	136	200	3280.00	04-15-75	114.60		
				12-05-75	114.83	0.23	
				12-13-76	115.20	0.37	
06-63-202	136	321	3150.00	02-13-75	146.73		
				12-05-75	147.15	0.42	
				12-14-76	147.94	0.79	
06-63-204	136	308	3140.00	02-13-75	156.35		
				12-05-75	160.06	3.71	
				12-14-76	160.17	0.11	
06-63-302	136	160	3015.00	03-19-75	56.25		
06-63-401	136	260	3200.00	02-27-75	196.34		
				12-05-75	198.06*	1.72	
				12-13-76	197.48		0.58
06-63-701	136	306	3300.00	03-19-75	247.33		
				12-13-76	246.30		1.03
06-63-801	136	----	3135.00	01-12-71	192.96		
				01-11-72	193.91	0.95	
				01-08-73	195.18	1.27	
				01-04-74	193.62		1.56
				01-06-75	192.66		0.96
				12-08-75	192.69	0.03	
				12-13-76	194.31	1.62	
06-63-802	136	344	3110.00	02-26-75	202.78		

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-08-75	203.61	0.83	
				12-13-76	208.60	4.99	
06-64-101	136	165	3014.00	03-19-75	93.95		
				12-03-75	94.10*	0.15	
				12-20-76	94.29	0.19	
06-64-404	136	238	2968.00	02-27-75	111.97		
				12-08-75	113.17	1.20	
				12-13-76	113.19	0.02	
06-64-701	136	276	2984.00	01-12-71	120.70		
				01-11-72	122.18	1.48	
				01-04-74	122.05		0.13
				01-06-75	123.34	1.29	
				12-08-75	124.59	1.25	
				12-13-76	127.64	3.05	
06-64-702	136	280	2979.00	01-12-71	143.45		
				01-11-72	146.94	3.49	
				01-08-73	139.60		7.34
				01-04-74	139.43		0.17
				01-06-75	140.09	0.66	
				12-08-75	140.67	0.58	
				12-13-76	142.57	1.90	
06-64-703	136	233	2955.00	02-14-75	96.43		
				12-08-75	96.73	0.30	
				12-13-76	98.51	1.78	
11-04-101	136	230	3468.00	03-20-75	197.82		
				12-09-75	198.24*	0.42	
				12-08-76	205.99*	7.75	
11-05-101	224	241	3415.00	04-04-75	184.85		
				12-09-75	184.81		0.04
				12-07-76	186.82	2.01	
11-05-102	136	184	3365.00	04-04-75	162.64		
				12-09-75	162.62		0.02
				12-07-76	163.02	0.40	
11-05-601	136	210	3363.00	05-01-75	161.49		

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-09-75	160.77		0.72
				12-07-76	163.70	2.93	
11-06-101	136	252	3400.00	03-24-75	179.60		
				12-08-75	179.88	0.28	
				12-07-76	179.62		0.26
11-06-102	136	230	3373.00	04-09-75	167.30		
				12-08-75	167.64	0.34	
				12-07-76	167.30		0.34
11-06-201	136	234	3353.00	04-14-75	162.86		
				12-08-75	162.73		0.13
				12-07-76	162.99	0.26	
11-06-401	246	270	3372.00	04-09-75	210.27		
				12-09-75	210.25		0.02
				12-07-76	212.25*	2.00	
11-06-801	136	200	3345.00	04-15-75	184.28		
				12-09-75	179.17		5.11
				12-07-76	179.75	0.58	
11-06-901	224	283	3324.00	04-15-75	187.64		
				12-09-75	188.32*	0.68	
				12-07-76	156.27		32.05
11-06-902	136	225	3306.00	04-07-75	140.15		
				12-09-75	141.22	1.07	
				12-07-76	139.99		1.23
11-07-301	136	97	2813.00	04-07-75	31.45		
				12-13-76	32.95	1.50	
11-07-401	136	155	3272.00	04-01-75	125.34		
				12-09-75	122.79		2.55
				12-06-76	124.37	1.58	
11-07-701	136	190	3265.00	04-14-75	124.40		
				12-09-75	124.22		0.18
				12-07-76	124.88	0.66	
11-12-401	136	170	3450.00	01-13-71	117.95		

ARMSTRONG COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-72	119.06	1.11	
				01-09-73	120.28	1.22	
				01-18-74	121.61	1.33	
				01-03-75	122.69	1.08	
				01-06-76	123.76	1.07	
				12-06-76	125.28	1.52	
				01-07-77	124.64		0.64
11-12-601	136	160	3395.00	01-13-71	107.90		
				01-11-72	110.15	2.25	
				01-09-73	110.87	0.72	
				01-18-74	112.48	1.61	
				01-03-75	112.79	0.31	
				01-06-76	113.85	1.06	
				12-06-76	116.33	2.48	
				01-07-77	115.94		0.39
11-12-701	136	190	3454.00	01-13-71	134.40		
				01-11-72	138.01	3.61	
				01-09-73	139.30	1.29	
				01-03-75	138.72		0.58
				01-06-76	143.29	4.57	
				12-06-76	147.25	3.96	
				01-07-77	143.45		3.80
11-12-702	136	204	3449.00	01-13-71	150.50		
				01-09-73	148.58		1.92
				01-03-75	151.58	3.00	
				01-06-76	152.78	1.20	
				12-06-76	152.14		0.64
				01-07-77	153.96	1.82	
11-12-801	136	165	3409.00	01-13-71	143.98		
				01-11-72	143.59		0.39
				01-09-73	147.89	4.30	
				01-18-74	146.63		1.26
				01-03-75	146.11		0.52
				01-06-76	148.15	2.04	
				12-06-76	153.78	5.63	
				01-07-77	148.37		5.41
11-12-802	136	190	3434.00	01-13-71	147.80		
				01-11-72	151.98	4.18	

ARMSTRONG COUNTY

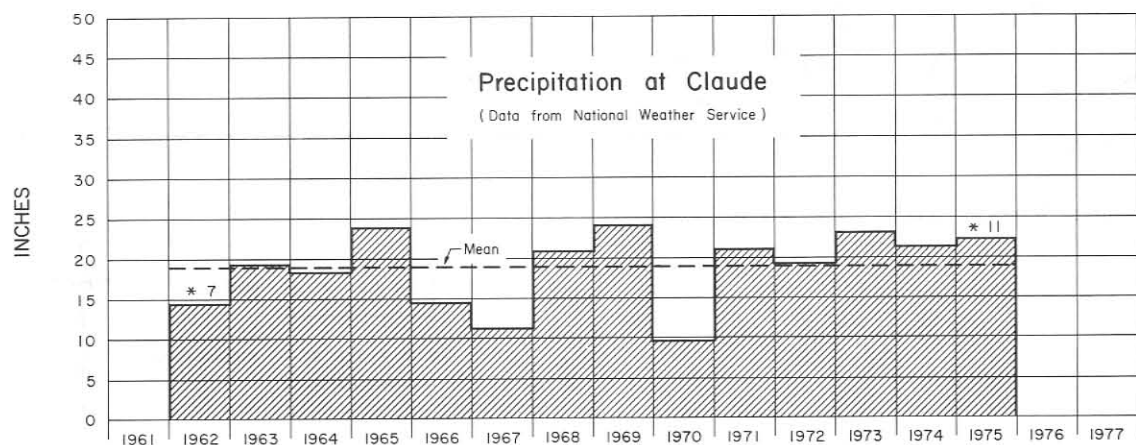
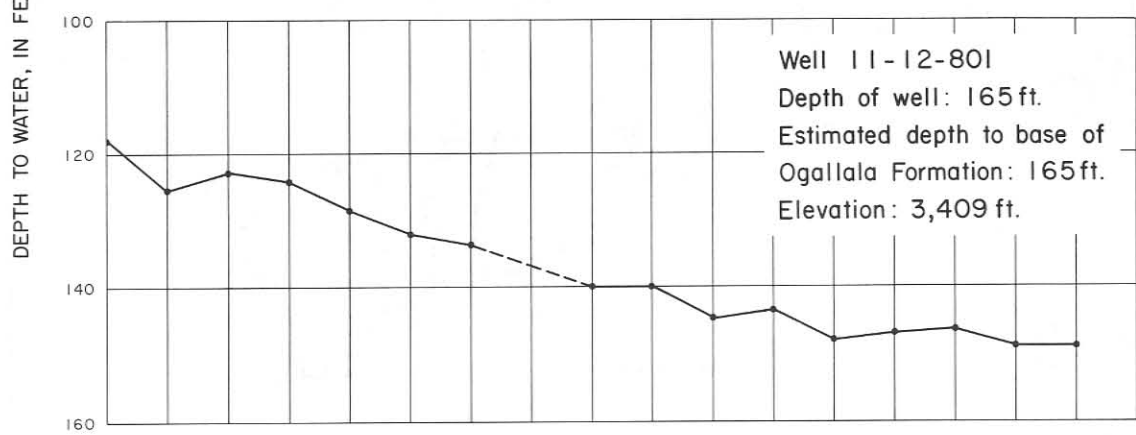
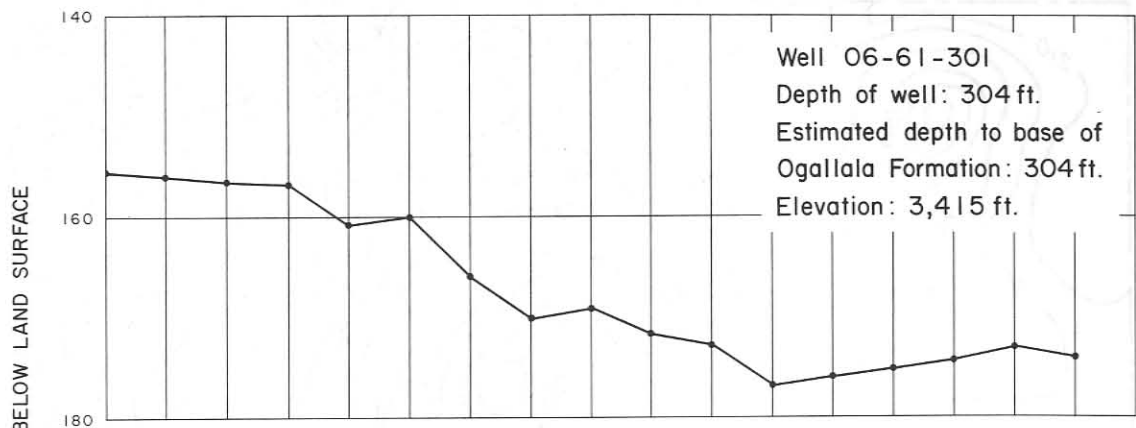
WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED.

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-09-73	154.17	2.19	
				01-18-74	154.78	0.61	
				01-03-75	155.52	0.74	
				01-06-76	156.80	1.28	
				12-06-76	159.85	3.05	
				01-07-77	159.52		0.33
11-12-803	136	165	3421.00	01-13-71	124.40		
				01-11-72	127.55	3.15	
				01-09-73	129.75	2.20	
				01-18-74	132.23	2.48	
				01-03-75	134.27	2.04	
				01-06-76	135.80	1.53	
				12-06-76	137.41	1.61	
				01-07-77	137.61	0.20	
11-12-901	136	175	3394.00	01-13-71	125.10		
				01-11-72	126.56	1.46	
				01-09-73	123.62		2.94
				01-18-74	128.75*	5.13	
				01-03-75	129.44	0.69	
				01-06-76	129.70	0.26	
				12-06-76	130.99	1.29	
				01-07-77	130.99		
11-13-701	136	150	3354.00	01-13-71	108.80		
				01-11-72	109.56	0.76	
				01-09-73	110.59	1.03	
				01-18-74	114.15*	3.56	
				01-02-75	110.75		3.40
				01-06-76	111.79	1.04	
				12-06-76	114.02	2.23	
				01-07-77	113.77		0.25

85 WELLS IN ARMSTRONG COUNTY



\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrographs of Selected Wells in Armstrong County  
 and Precipitation at Claude

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-75	127.40		0.34
				01-09-76	127.25		0.15
				01-13-77	127.28	0.03	
10-41-402	136	234	4062.00	01-09-71	146.87		
				01-02-72	155.63	8.76	
				01-19-73	152.59		3.04
				01-08-74	154.77	2.18	
				01-10-75	158.41	3.64	
				01-12-76	161.69	3.28	
				01-11-77	163.88	2.19	
10-41-601	136	172	3970.00	01-09-71	136.71		
				01-03-72	139.52	2.81	
				01-19-73	141.34	1.82	
				01-08-74	140.23		1.11
				01-10-75	147.09	6.86	
				01-12-76	147.85	0.76	
				01-11-77	152.04	4.19	
10-41-702	136	185	3968.00	01-09-71	90.94		
				01-02-72	94.06	3.12	
				01-19-73	96.18	2.12	
				01-08-74	96.73	0.55	
				01-10-75	100.25	3.52	
				01-09-76	101.38	1.13	
				01-11-77	107.55	6.17	
10-41-903	136	125	3910.00	01-09-71	80.65		
				01-03-72	82.24	1.59	
				01-19-73	83.73	1.49	
				01-08-74	85.69	1.96	
				01-10-75	89.65	3.96	
				01-09-76	89.55		0.10
				01-11-77	94.65	5.10	
10-41-905	136	160	3926.00	01-09-71	105.56		
				01-03-72	109.05	3.49	
				01-19-73	110.82	1.77	
				01-08-74	112.24	1.42	
				01-10-75	116.65	4.41	
				01-12-76	115.88		0.77
				01-11-77	121.21	5.33	



BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-41-906	136	182	3911.00	01-11-77	94.65		
10-42-402	136	----	3945.00	01-03-72	125.48		
				01-19-73	127.52	2.04	
				01-08-74	129.74	2.22	
				01-10-75	133.59	3.85	
				01-12-76	135.87	2.28	
				01-11-77	140.36	4.49	
10-42-503	136	170	3919.00	01-09-71	115.07		
				01-05-72	118.17	3.10	
				01-19-73	120.45	2.28	
10-42-505	136	418	3922.00	05-10-74	149.95		
				01-09-75	126.95		23.00
				01-12-76	137.69	10.74	
				01-11-77	134.39		3.30
10-42-701	136	142	3877.00	01-09-71	92.74*		
				01-03-72	95.25	2.51	
				01-19-73	94.22		1.03
				01-08-74	95.21	0.99	
				01-10-75	99.50	4.29	
				01-13-76	98.66		0.84
				01-11-77	102.53	3.87	
10-42-703	136	214	3878.00	01-09-71	96.30		
				01-02-72	98.78	2.48	
				01-19-73	99.68	0.90	
				01-08-74	107.47*	7.79	
				01-10-75	109.70	2.23	
				01-13-76	106.98		2.72
				01-11-77	109.79	2.81	
10-42-704	136	140	3908.00	01-09-71	112.82*		
				01-03-72	111.55		1.27
				01-19-73	113.54	1.99	
				01-08-74	114.52	0.98	
				01-10-75	117.30	2.78	
				01-13-76	122.07	4.77	
				01-11-77	125.59	3.52	
10-42-706	136	----	3899.00	04-15-70	107.00		

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				06-03-70	107.60	0.60	
				08-13-70	109.26	1.66	
				10-07-70	107.55		1.71
				12-10-70	106.85		0.70
				01-09-71	107.15	0.30	
				02-15-71	106.72		0.43
				04-13-71	110.13	3.41	
				06-16-71	108.98		1.15
				08-17-71	111.74	2.76	
				10-27-71	110.23		1.51
				12-05-71	109.81		0.42
				01-03-72	111.35	1.54	
				02-12-72	109.16		2.19
				04-16-72	112.11	2.95	
				06-14-72	111.94		0.17
				08-15-72	114.26	2.32	
				10-12-72	112.44		1.82
				12-06-72	111.44		1.00
				01-19-73	110.85		0.59
				02-07-73	110.74		0.11
				03-28-73	110.37		0.37
				06-14-73	111.74	1.37	
				08-08-73	117.11	5.37	
				10-09-73	116.18		0.93
				12-18-73	114.28		1.90
				01-08-74	113.94		0.34
				02-19-74	113.38		0.56
				04-17-74	119.02	5.64	
				07-23-74	123.60	4.58	
				10-17-74	119.38		4.22
				12-18-74	118.14		1.24
				01-10-75	117.61		0.53
				02-20-75	116.90		0.71
				04-17-75	119.29	2.39	
				06-18-75	120.81	1.52	
				08-21-75	122.24	1.43	
				10-16-75	120.83		1.41
				12-16-75	119.75		1.08
				01-13-76	119.46		0.29
				02-24-76	120.62	1.16	
				05-13-76	121.48	0.86	
				08-24-76	126.29	4.81	
				11-22-76	123.50		2.79

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-77	122.48		1.02
10-42-805	136	100	3844.00	01-09-71	82.48		
				01-05-72	80.11		2.37
10-42-808	136	197	3838.00	01-19-73	83.02		
				01-08-74	87.17	4.15	
				01-09-75	88.57	1.40	
				01-13-76	90.72	2.15	
				01-11-77	94.92	4.20	
10-42-902	136	----	3833.00	01-09-71	83.46		
				01-02-72	85.26	1.80	
				01-19-73	86.98	1.72	
				01-08-74	89.70	2.72	
				01-09-75	91.60	1.90	
				01-12-76	95.45	3.85	
				01-07-77	100.94	5.49	
10-43-401	136	----	3862.00	01-09-71	114.32		
				01-02-72	118.02	3.70	
				01-19-73	120.60	2.58	
				01-08-74	121.78	1.18	
				01-09-75	125.37	3.59	
10-43-402	136	314	3858.00	07-12-76	130.39		
				01-07-77	135.81	5.42	
10-43-601	136	210	3832.00	01-10-71	122.72		
				01-05-72	127.36	4.64	
				01-19-73	129.28	1.92	
				01-09-74	132.04	2.76	
				01-09-75	135.47	3.43	
				01-12-76	139.32	3.85	
				01-07-77	143.59	4.27	
10-43-706	136	154	3804.00	01-09-71	82.82		
				01-07-72	84.38	1.56	
				01-19-73	86.24	1.86	
				01-09-75	92.90	6.66	
				01-12-76	95.41	2.51	
				01-07-77	100.43	5.02	

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-43-707	136	----	3805.00	01-09-71	82.49		
				01-02-72	84.91	2.42	
				01-19-73	86.02	1.11	
				01-09-75	94.04	8.02	
				01-12-76	96.68	2.64	
				01-07-77	100.07	3.39	
10-43-805	136	237	3798.00	01-09-71	86.74		
				01-05-72	89.18	2.44	
				01-19-73	91.47	2.29	
				01-09-74	92.44	0.97	
				01-09-75	96.10	3.66	
				01-12-76	97.84	1.74	
10-43-903	136	205	3798.00	01-10-71	102.29*		
				01-05-72	104.78	2.49	
				01-19-73	106.77	1.99	
				01-09-74	108.37	1.60	
				01-09-75	113.32	4.95	
				01-12-76	113.38	0.06	
10-43-905	136	----	3786.00	01-09-71	91.14*		
				01-05-72	92.69	1.55	
				01-19-73	94.52	1.83	
				01-09-74	97.69	3.17	
				01-09-75	101.04	3.35	
				01-12-76	101.65	0.61	
10-43-906	136	----	3786.00	01-10-71	90.54		
				01-07-72	92.57	2.03	
10-43-908	136	150	3768.00	01-10-71	81.32		
				01-07-72	84.34	3.02	
				01-19-73	85.38	1.04	
				01-09-74	87.23	1.85	
				01-09-75	91.91	4.68	
				01-12-76	92.94	1.03	
01-07-77	97.14	4.20					
10-43-910	136	----	3770.00	01-13-71	83.19		

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-72	84.61	1.42	
10-44-708	136	151	3764.00	01-10-71	86.63*		
10-49-301	136	240	3885.00	01-09-71	35.26		
				01-02-72	36.55	1.29	
				01-20-73	37.46	0.91	
10-49-303	136	202	3886.00	04-16-74	51.00		
				01-06-75	50.02		0.98
				01-09-76	52.16	2.14	
				01-11-77	55.41	3.25	
10-49-602	136	----	3880.00	01-10-71	54.34*		
				01-05-72	53.90		0.44
				01-20-73	55.54	1.64	
				01-09-74	56.51	0.97	
				01-06-75	59.10	2.59	
				01-13-76	61.00	1.90	
				01-11-77	64.82	3.82	
10-49-801	136	229	3954.00	04-15-70	76.02		
				06-03-70	76.04	0.02	
				08-13-70	76.07	0.03	
				10-07-70	76.14	0.07	
				12-10-70	76.23	0.09	
				01-10-71	76.24	0.01	
				02-15-71	76.27	0.03	
				04-13-71	76.40	0.13	
				06-16-71	76.42	0.02	
				10-27-71	76.53	0.11	
				01-07-72	76.78	0.25	
				02-12-72	76.60		0.18
				04-16-72	76.68	0.08	
				06-14-72	76.71	0.03	
				10-12-72	76.84	0.13	
				12-06-72	76.86	0.02	
				01-20-73	76.83		0.03
				02-07-73	76.96	0.13	
				03-28-73	77.00	0.04	
				01-09-74	77.28	0.28	
				02-19-74	77.36	0.08	
				04-17-74	77.47	0.11	

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				07-23-74	77.65	0.18	
				11-01-74	77.85	0.20	
				12-18-74	77.96	0.11	
				01-06-75	78.00	0.04	
				02-20-75	78.03	0.03	
				04-17-75	78.15	0.12	
				06-18-75	78.26	0.11	
				08-21-75	78.37	0.11	
				10-16-75	78.49	0.12	
				12-16-75	78.59	0.10	
				01-09-76	79.93	1.34	
				02-24-76	78.73		1.20
				05-13-76	78.88	0.15	
				08-24-76	79.11	0.23	
				11-22-76	79.33	0.22	
				01-14-77	79.42	0.09	
10-50-503	136	----	3841.00	01-10-71	65.29*		
				01-05-72	69.20	3.91	
				01-20-73	78.20	9.00	
10-50-505	136	200	3841.00	04-15-74	82.35		
				01-06-75	77.46		4.89
				01-09-76	81.78	4.32	
				01-11-77	91.19	9.41	
10-50-702	136	194	3926.00	01-10-71	89.15		
				01-06-72	89.67	0.52	
				01-20-73	89.22		0.45
				01-09-74	91.02	1.80	
				01-06-75	94.38	3.36	
				01-13-76	94.80	0.42	
				01-14-77	97.68	2.88	
10-50-801	136	135	3925.00	01-10-71	71.49		
				01-06-72	73.99	2.50	
				01-18-73	73.98		0.01
				01-10-74	73.90		0.08
				01-06-75	73.94	0.04	
				01-09-76	70.75		3.19
				01-14-77	72.88	2.13	
10-51-101	136	130	3795.00	01-09-71	68.03		

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-02-72	70.86	2.83	
				01-19-73	74.45	3.59	
				01-08-74	77.90	3.45	
				01-09-75	84.08	6.18	
				01-12-76	84.65	0.57	
				01-07-77	88.35	3.70	
10-51-105	136	----	3784.00	01-09-71	59.42		
				01-05-72	60.12	0.70	
				01-19-73	61.85	1.73	
				01-09-74	67.86	6.01	
				01-09-75	71.55	3.69	
				01-12-76	72.69	1.14	
				01-13-77	78.87	6.18	
10-51-301	136	130	3763.00	01-09-71	72.77*		
10-51-305	136	238	3762.00	01-10-71	68.02*		0.32
				01-06-72	67.70		
				01-19-73	69.08	1.38	
				01-09-74	74.78	5.70	
				01-09-75	77.43	2.65	
				01-12-76	79.09	1.66	
				01-14-77	82.89	3.80	
10-51-403	136	170	3818.00	01-10-71	39.47		
				01-07-72	43.30	3.83	
				01-20-73	46.35	3.05	
				01-09-74	50.98	4.63	
				01-06-75	53.36	2.38	
				01-09-76	49.00		4.36
				01-11-77	59.28	10.28	
10-51-501	136	----	3768.00	01-10-71	41.94*		
				01-02-72	41.37		0.57
				01-19-73	42.16	0.79	
				01-09-75	49.81	7.65	
				01-13-76	58.65	8.84	
				01-14-77	61.86	3.21	
10-51-602	136	225	3773.00	01-10-71	42.40		
				01-02-72	45.77	3.37	
				01-19-73	49.68	3.91	

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-09-74	56.20	6.52	
				01-09-75	60.77	4.57	
				01-12-76	67.08	6.31	
				01-14-77	73.19	6.11	
10-51-701	136	75	3859.00	01-14-71	66.10		
				01-06-72	64.85		1.25
				01-20-73	65.20	0.35	
				01-10-74	66.11	0.91	
				01-06-75	67.23	1.12	
				01-13-76	68.35	1.12	
				01-13-77	70.44	2.09	
10-51-703	136	160	3883.00	01-14-71	90.00*		
				01-06-72	93.20	3.20	
				01-18-73	94.19	0.99	
				01-10-74	96.03	1.84	
				01-06-75	95.99		0.04
				01-09-76	96.32	0.33	
				01-13-77	98.64	2.32	
10-52-408	136	200	3755.00	06-05-73	60.00		
				10-03-74	69.87	9.87	
				01-09-75	69.30		0.57
				01-12-76	78.06	8.76	
				01-14-77	84.16	6.10	
10-57-103	136	198	3940.00	01-10-71	80.06		
				01-03-72	79.73		0.33
				01-19-73	80.09	0.36	
				01-09-74	80.10	0.01	
				01-11-75	80.77	0.67	
				01-13-76	79.80		0.97
				01-13-77	81.01	1.21	
10-57-201	136	102	3872.00	01-10-71	28.39		
				01-03-72	28.41	0.02	
				01-18-73	26.90	0.49	
				01-09-74	29.38	0.48	
				01-11-75	29.94	0.56	
				01-09-76	29.10		0.84
				01-13-77	30.06	0.96	



BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-57-401	136	132	4068.00	01-10-71	111.29		
				01-03-72	113.29	2.00	
				01-18-73	112.70		0.59
				01-10-74	114.38	1.68	
				01-11-75	111.55		2.83
				01-09-76	109.06		2.49
			01-13-77	111.17	2.11		
10-57-501	136	60	3922.00	01-14-71	32.90		
				01-03-72	38.05*	5.15	
				01-18-73	38.72	0.67	
				01-09-74	37.43		1.29
				01-11-75	39.83	2.40	
				01-09-76	40.22	0.39	
			01-13-77	38.77		1.45	
10-58-502	136	151	3899.00	01-14-71	73.20		
				01-06-72	73.61	0.41	
				01-18-73	73.40		0.21
				01-10-74	69.82		3.58
				01-10-75	72.54	2.72	
				01-08-76	70.36		2.18
			01-13-77	71.34	0.98		
10-58-701	136	73	3932.00	01-14-71	47.44		
				01-03-72	47.43		0.01
				01-18-73	47.82	0.39	
				01-10-74	47.27		0.55
				01-10-75	49.09	1.82	
				01-08-76	47.89		1.20
			01-13-77	49.07	1.18		
10-58-801	136	90	3830.00	01-14-71	21.95		
				01-03-72	22.79	0.84	
				01-18-73	23.90	1.11	
				01-10-74	25.52	1.62	
				01-10-75	24.93		0.59
				01-08-76	25.00	0.07	
			01-13-77	26.77	1.77		
10-59-101	136	----	3893.00	01-14-71	113.36		
				01-07-72	114.00	0.64	
				01-26-73	112.70		1.30

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-06-75	116.31	3.61	
				01-09-76	119.00	2.69	
				01-13-77	121.05	2.05	
10-59-103	136	114	3918.00	01-14-71	105.10		
				01-06-72	107.79	2.69	
				01-18-73	109.44	1.65	
				01-10-74	111.33*	1.89	
10-59-106	136	148	3918.00	01-10-74	110.33		
				01-10-75	111.00	0.67	
				01-09-76	112.51	1.51	
				01-13-77	112.68	0.17	
10-59-302	136	207	3873.00	01-14-71	108.91		
				01-06-72	108.13		0.78
				01-20-73	109.17	1.04	
				01-10-74	109.10		0.07
				01-06-75	110.50	1.40	
				01-09-76	111.13	0.63	
				01-13-77	111.37	0.24	
10-59-401	136	----	3886.00	01-14-71	114.14		
				01-06-72	114.39	0.25	
				01-18-73	114.54	0.15	
				01-10-74	114.09		0.45
				01-10-75	114.94	0.85	
				01-08-76	116.24	1.30	
				01-13-77	115.88		0.36
10-59-501	136	176	3890.00	01-14-71	100.33		
				01-06-72	99.50		0.83
				01-20-73	99.00		0.50
				01-10-74	98.84		0.16
				01-10-75	98.59		0.25
				01-08-76	98.38		0.21
				01-13-77	97.68		0.70
10-59-601	136	176	3886.00	08-10-73	136.11		
				01-10-75	134.70		1.41
				01-08-76	135.00	0.30	
				01-13-77	134.99		0.01

BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-01-101	136	----	4057.00	01-10-71	220.39		
				01-03-72	220.25		0.14
				01-18-73	219.28		0.97
				01-11-75	219.05		0.23
				01-09-76	214.83		4.22
				01-13-77	216.04	1.21	
24-01-201	136	----	4016.00	01-10-71	202.10		
				01-03-72	202.24	0.14	
				01-18-73	203.03	0.79	
				01-10-74	203.85	0.82	
				01-11-75	201.70		2.15
				01-09-76	199.32		2.38
24-01-401	136	182	3960.00	01-10-71	172.86		
				01-06-72	172.10		0.76
				01-18-73	171.18		0.92
				01-10-74	168.65		2.53
				01-11-75	168.84	0.19	
				01-08-76	168.53		0.31
24-02-701	136	95	3843.00	01-14-71	58.69		
				01-06-72	59.47	0.78	
				01-18-73	57.74		1.73
				01-10-74	55.79		1.95
				01-13-75	57.61	1.82	
				01-08-76	55.81		1.80
24-09-301	136	121	3882.00	01-14-71	87.17		
				01-06-72	87.18	0.01	
				01-18-73	86.89		0.29
				01-10-74	86.95	0.06	
				01-13-75	87.30	0.35	
				01-08-76	87.72	0.42	
24-10-201	136	207	3854.00	01-14-71	112.04		
				01-06-72	115.67	3.63	
				01-18-73	116.03	0.36	
				01-10-74	110.22		5.81

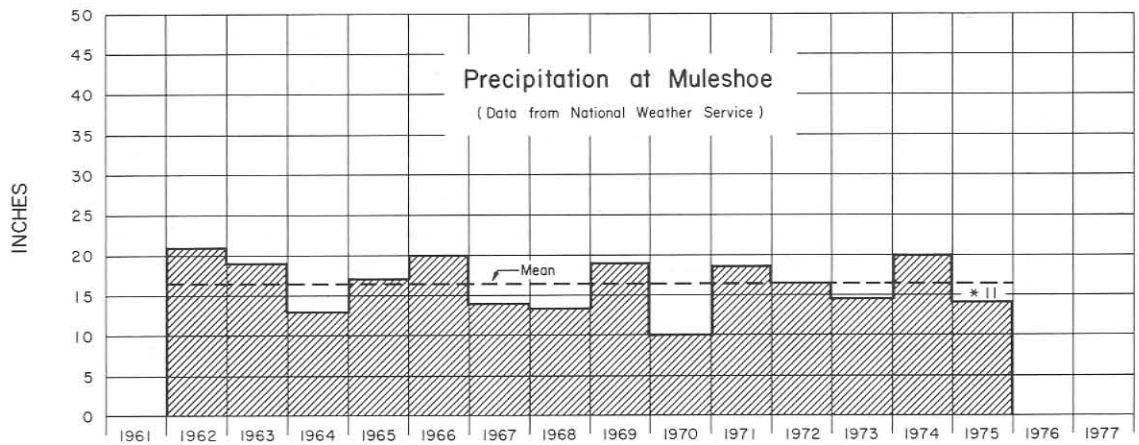
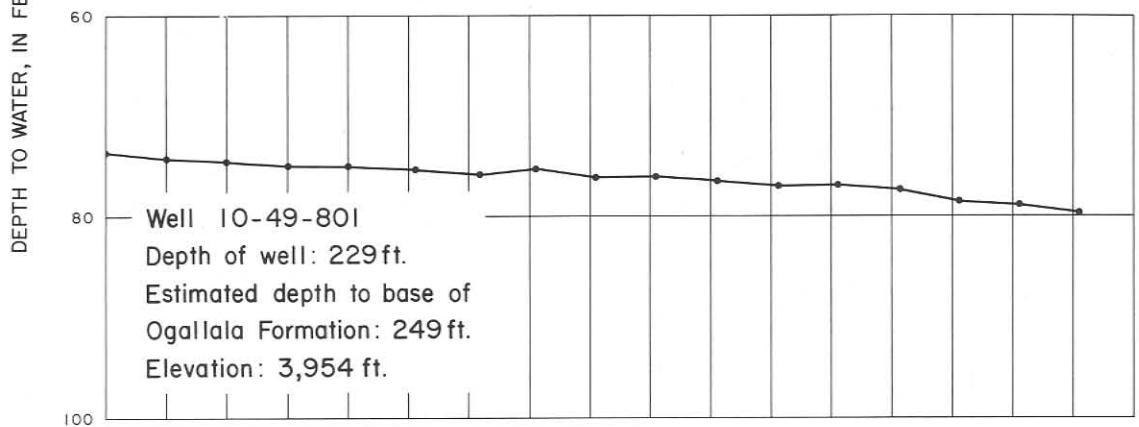
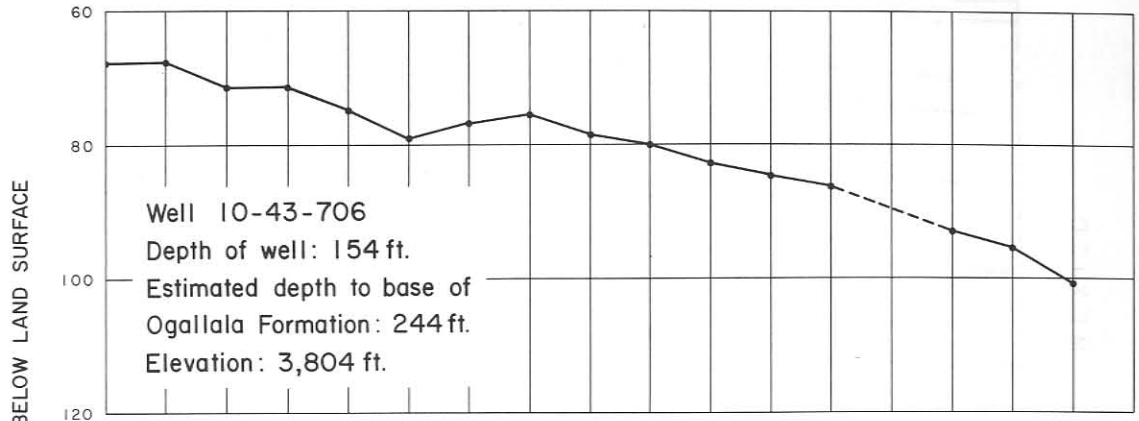
BAILEY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-13-75	116.36	6.14	
				01-08-76	110.29		6.07
				01-13-77	114.91	4.62	
24-10-302	136	140	3794.00	01-14-71	91.79		
				01-06-72	87.79		4.00
				01-15-73	86.97		0.82
24-10-303	136	162	3783.00	05-10-74	141.22		
				01-13-75	141.25	0.03	
				01-08-76	135.03		6.22
				01-13-77	141.78	6.75	
24-11-201	136	152	3795.00	01-14-71	107.38		
				01-06-72	105.24		2.14
				01-15-73	104.79		0.45
				01-10-74	106.19	1.40	
				01-13-75	104.11		2.08
				01-08-76	102.22		1.89
				01-13-77	103.71	1.49	
25-08-301	136	120	4050.00	01-10-71	77.08		
				01-03-72	77.94	0.86	
				01-18-73	78.86	0.92	
				01-10-74	81.78*	2.92	
				01-13-75	80.54		1.24
				01-09-76	80.50		0.04
				01-13-77	80.82	0.32	
25-16-301	136	167	3940.00	01-14-71	126.31		
				01-06-72	126.64	0.33	
				01-18-73	127.99	1.35	
				01-10-74	125.99		2.00
				01-13-75	129.35	3.36	
				01-08-76	129.42	0.07	
				01-13-77	130.99	1.57	

78 WELLS IN BAILEY COUNTY

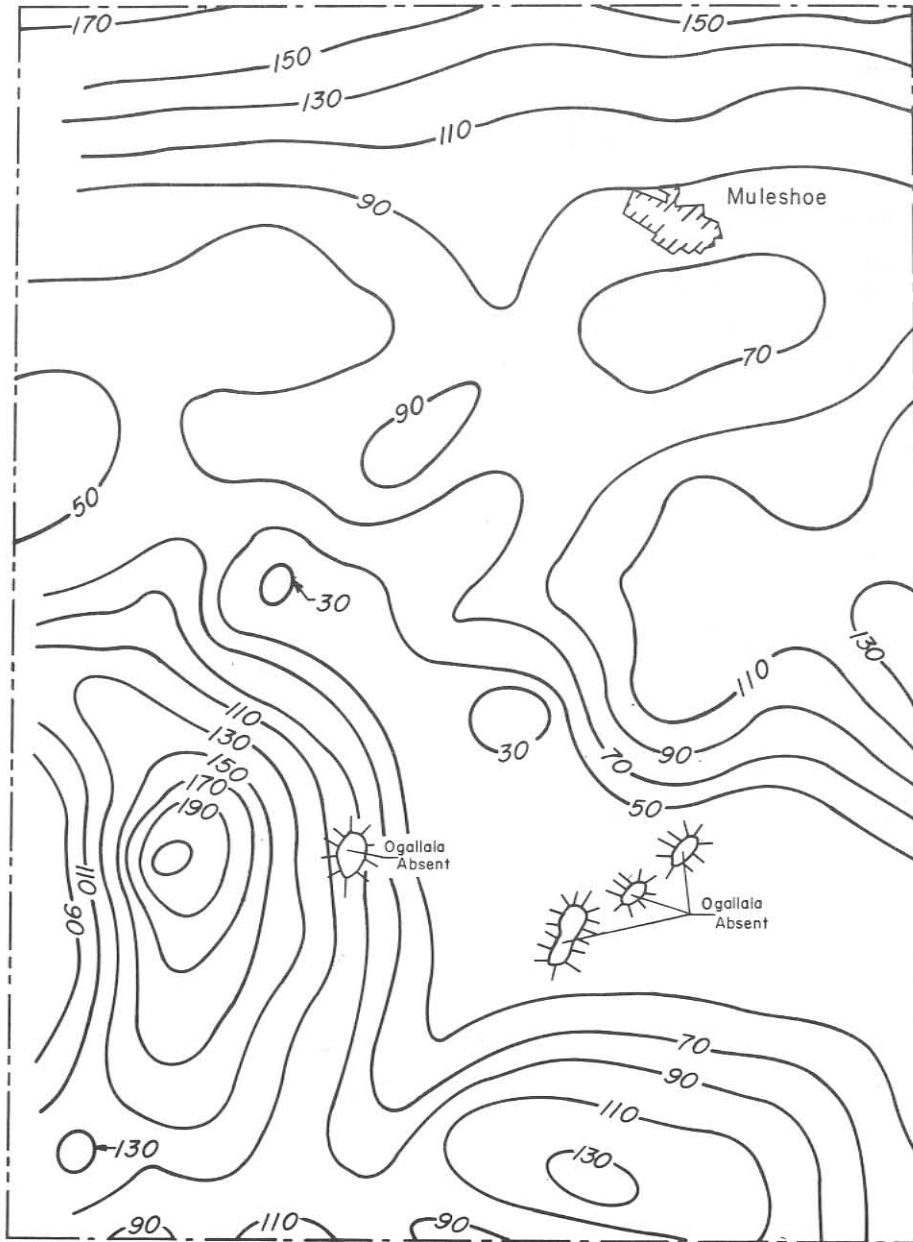


\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

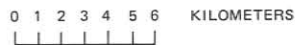
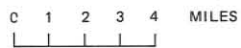
Hydrographs of Selected Wells in Bailey County  
 and Precipitation at Muleshoe

MEXICO

NEW

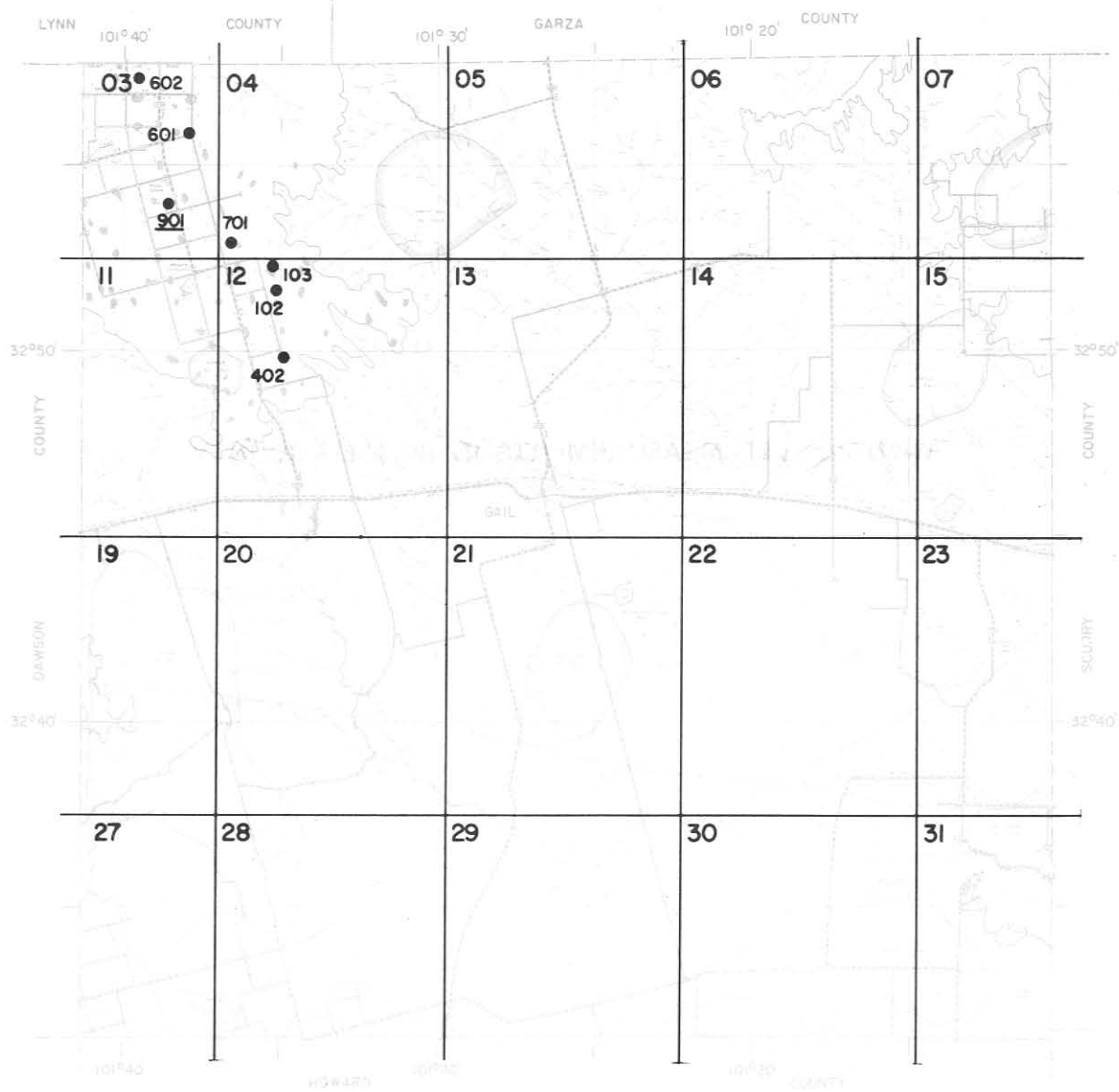


Contour Interval: 20 ft.



Approximate Depth to Water in the Ogallala Aquifer,  
1977 Bailey County

WATER-LEVEL MEASUREMENTS IN BORDEN COUNTY



NOTE:  
 This county is within  
 1° quadrangle No. 28

Location of Observation Wells in Borden County



BORDEN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
28-03-601	241	57	2947.00	12-08-70	31.11		
				01-07-72	30.42		0.69
				01-16-74	22.75		7.67
				01-07-75	25.40	2.65	
				01-05-76	22.80		2.60
				01-10-77	18.23		4.57
28-03-602	241	50	2969.00	12-08-70	26.72		
				01-07-72	24.70		2.02
				01-23-73	23.45		1.25
				01-16-74	23.32		0.13
				01-07-75	24.33	1.01	
				01-05-76	23.46		0.87
28-03-901	241	145	2963.00	12-08-70	29.66		
				01-07-72	28.76		0.90
				01-16-74	28.32		0.44
				01-07-75	28.15		0.17
				01-05-76	27.84*		0.31
28-04-701	241	61	2945.00	01-07-72	34.11		
				01-16-74	32.06		2.05
				01-07-75	26.38		5.68
				01-05-76	22.66		3.72
				01-10-77	24.42	1.76	
28-12-102	241	----	2941.00	12-08-70	31.59		
				01-07-72	29.53		2.06
				01-23-73	29.39		0.14
				01-16-74	27.43		1.96
				01-07-75	26.55		0.88
				01-05-76	24.33		2.22
28-12-103	241	60	2943.00	01-10-77	23.13		1.20
				12-08-70	32.05		
				01-07-72	31.33		0.72
				01-23-73	31.49	0.16	
				01-16-74	28.87		2.62
				01-07-75	27.72		1.15
01-05-76	25.75		1.97				

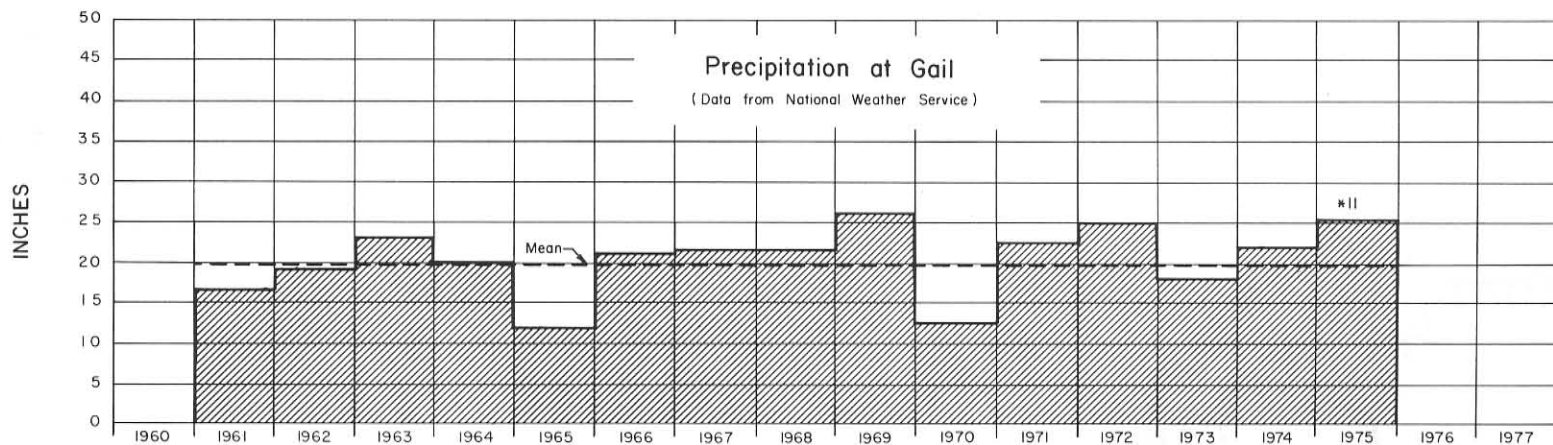
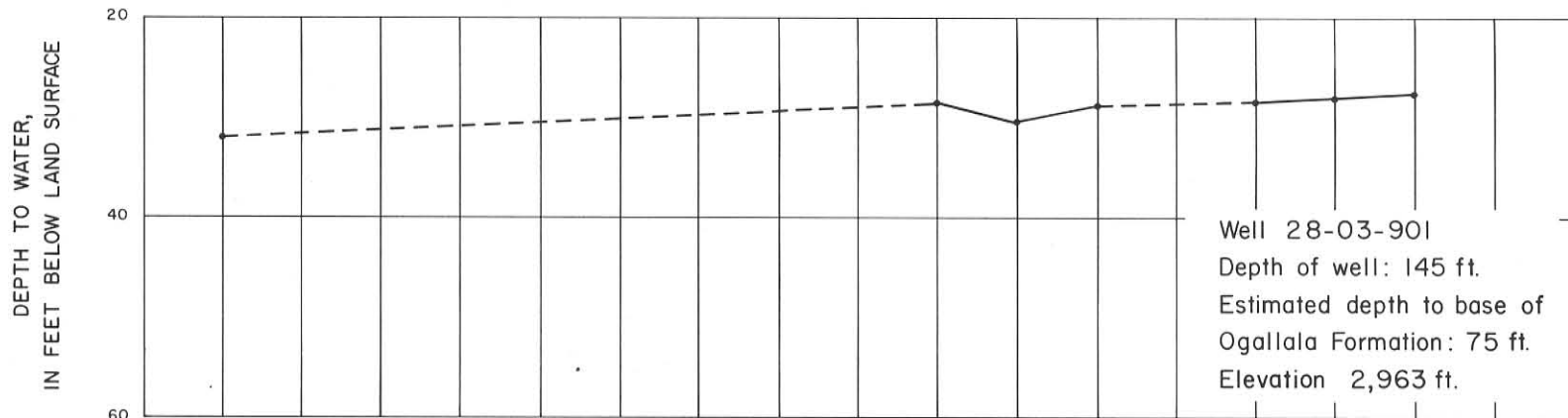
BORDEN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

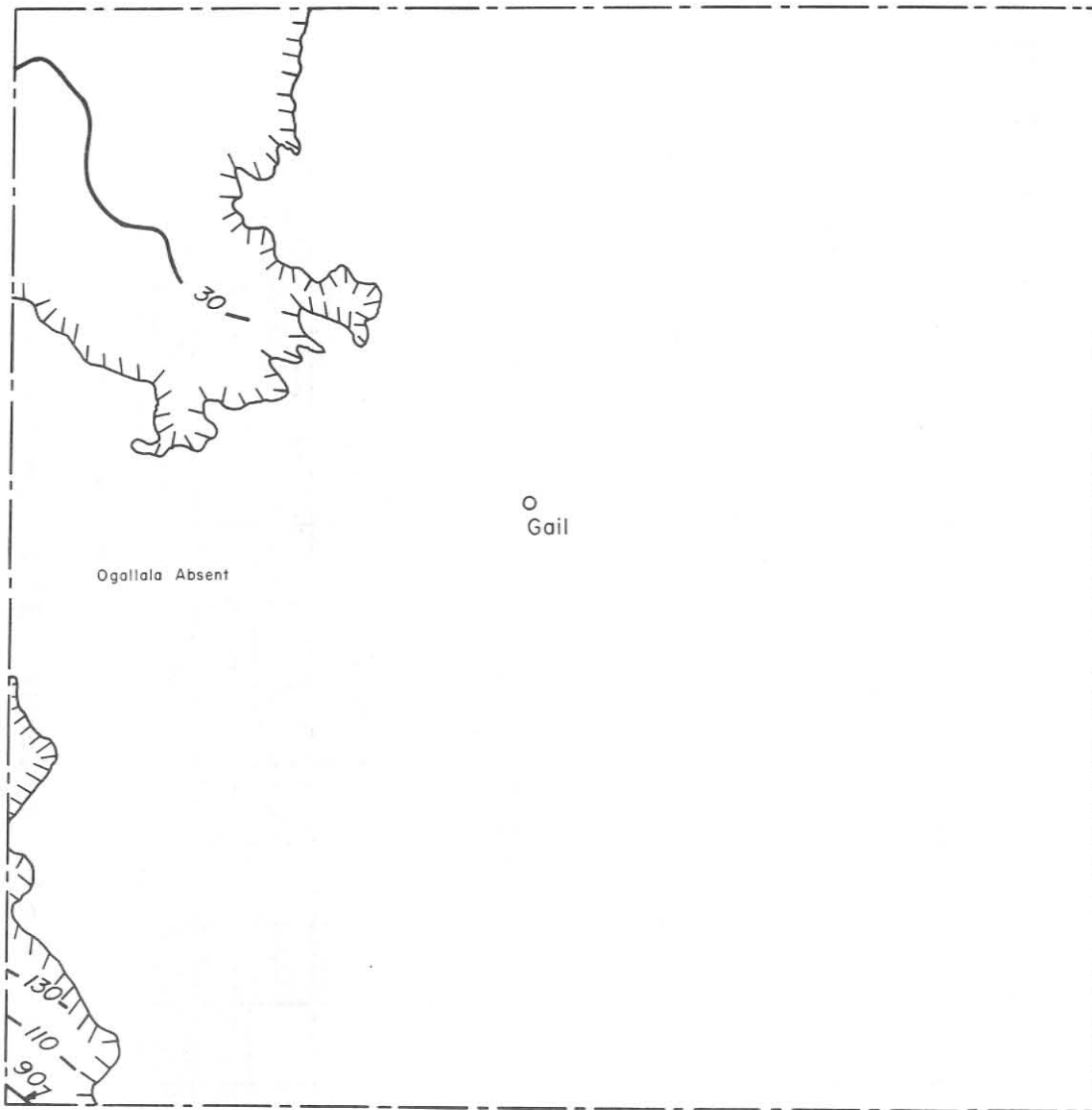
STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-10-77	23.59		2.16
28-12-402	241	70	2942.00	12-08-70	39.41		
				01-07-72	37.27		2.14
				01-23-73	37.13		0.14
				01-16-74	35.23		1.90
				01-07-75	34.93		0.30
				01-05-76	33.14		1.79
				01-10-77	34.66	1.52	

7 WELLS IN BORDEN COUNTY



\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrograph of Selected Well in Borden County and Precipitation at Gail

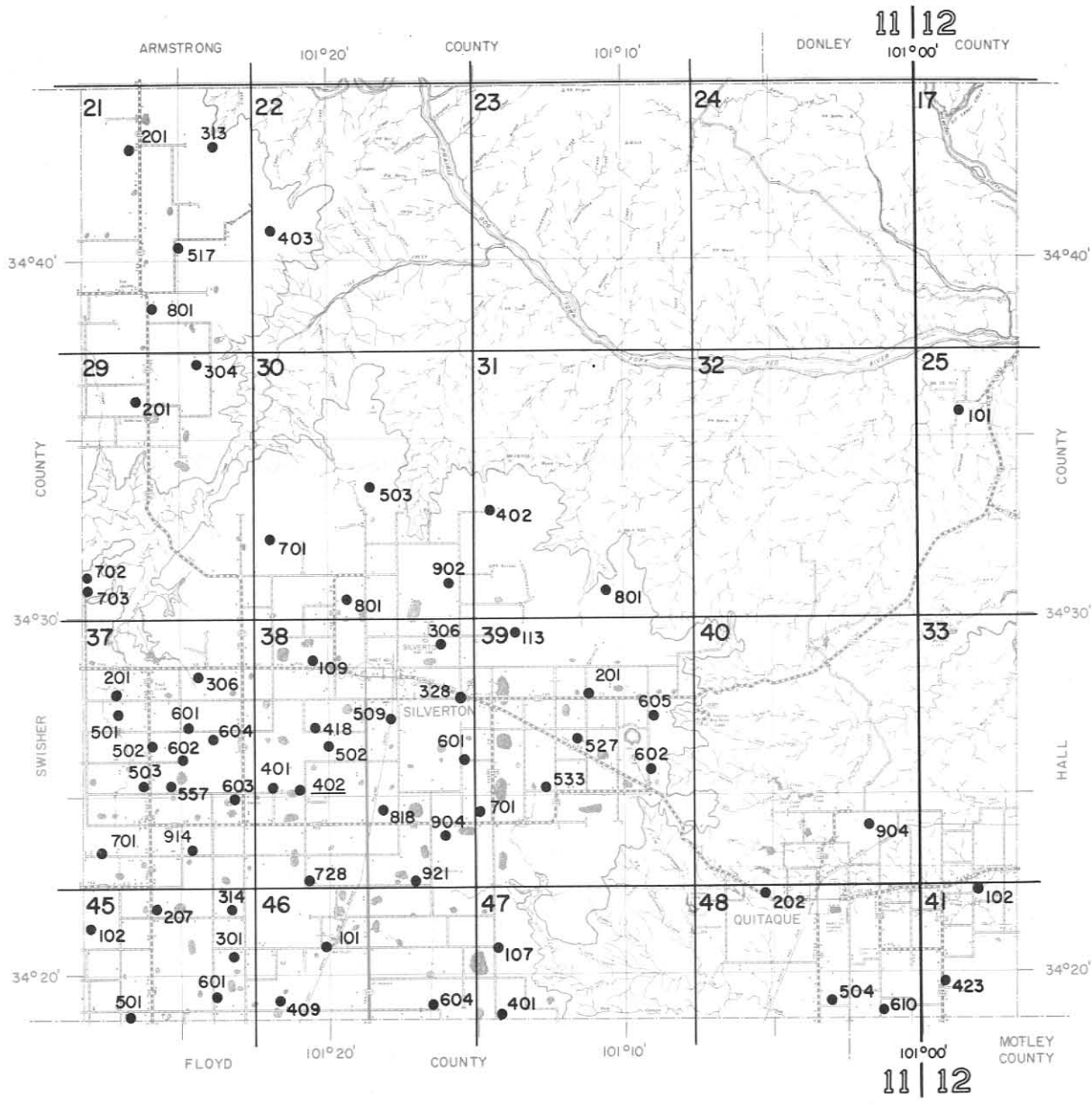


Contour Interval : 20 feet



Approximate Depth to Water in the Ogallala Aquifer,  
1977 Borden County

**WATER-LEVEL MEASUREMENTS IN BRISCOE COUNTY**



**Location of Observation Wells in Briscoe County**



Base Map from Texas Department of Highways and Public Transportation

## BRISCOE COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-21-201	136	205	3332.00	01-05-71	142.56		
				01-10-72	143.98	1.42	
				01-09-73	144.21	0.23	
				01-14-74	144.35	0.14	
				01-07-75	143.60*		0.75
				01-06-76	146.00	2.40	
				01-06-77	150.30	4.30	
11-21-313	136	210	3326.00	02-13-75	175.35		
				01-06-76	175.97	0.62	
				01-06-77	176.30	0.33	
11-21-517	136	236	3343.00	06-20-73	181.71		
				01-14-74	181.37		0.34
				01-07-75	179.60		1.77
				01-06-76	180.66	1.06	
01-06-77	181.25	0.59					
11-21-801	136	215	3337.00	01-05-71	106.68		
				01-10-72	106.60		0.08
				01-09-73	105.87		0.73
				01-14-74	105.98	0.11	
				01-06-76	106.97	0.99	
				01-06-77	109.78	2.81	
11-22-403	136	180	3301.00	03-28-75	154.50		
				01-06-76	155.42	0.92	
				01-06-77	145.02		10.40
11-29-201	136	135	3317.00	03-19-75	95.38Q		
				01-06-76	96.55*	1.17	
				01-06-77	86.40*		10.15
11-29-304	136	159	3302.00	06-20-73	107.12		
				01-14-74	107.48	0.36	
				01-07-75	107.85	0.37	
				01-06-76	107.79		0.06
				01-06-77	110.36	2.57	
11-29-702	136	129	3265.00	02-11-75	117.74		
				01-05-76	106.05		11.69

## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-05-77	103.97*		2.08
11-29-703	136	130	3262.00	02-11-75	93.00		
				01-06-76	94.00	1.00	
11-30-503	136	192	3274.00	03-05-75	155.78		
				01-06-76	161.60*	5.82	
				01-05-77	147.77		13.83
11-30-701	136	180	3305.00	03-06-75	162.95		
				01-06-76	166.82*	3.87	
				01-06-77	158.50		8.32
11-30-801	136	180	3305.00	03-05-75	163.30Q		
				01-06-76	142.02		21.28
				01-05-77	148.27	6.25	
11-30-902	136	230	3285.00	03-03-75	158.44		
				01-06-76	159.09	0.65	
				01-05-77	159.80	0.71	
11-31-402	136	200	3270.00	03-04-75	161.77		
				01-06-76	146.10		15.67
				01-05-77	147.70*	1.60	
11-31-801	136	200	3217.00	03-04-75	171.90*		
				01-07-76	167.90*		4.00
				01-05-77	158.95*		8.95
11-37-201	136	180	3302.00	01-05-71	122.83		
				01-11-72	127.72	4.89	
				01-04-73	130.58	2.86	
				01-14-74	131.81	1.23	
				01-07-75	134.34	2.53	
				01-06-76	137.30	2.96	
				01-04-77	144.92	7.62	
11-37-306	136	150	3324.00	02-12-75	107.30		
				01-06-76	108.29	0.99	
				01-04-77	109.06	0.77	
11-37-501	136	190	3308.00	01-05-71	137.00		
				01-11-72	137.78	0.78	



## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-04-73	145.61	7.83	
				01-14-74	145.22		0.39
				01-07-75	148.60	3.38	
11-37-502	136	190	3312.00	01-05-71	155.83		
				01-11-72	162.35	6.52	
				01-04-73	174.74	12.39	
11-37-503	136	210	3313.00	01-05-71	179.96		
				01-11-72	179.83		0.13
				01-04-73	181.17	1.34	
				01-07-75	184.90	3.73	
				01-04-77	188.26	3.36	
11-37-557	136	215	3302.00	06-18-73	173.08*		
				01-14-74	177.15	4.07	
				01-07-75	180.39	3.24	
11-37-601	136	200	3311.00	01-05-71	100.68		
				01-11-72	101.60	0.92	
				01-04-73	102.48	0.88	
				01-14-74	103.25	0.77	
				01-07-75	104.37	1.12	
				01-06-76	105.16	0.79	
				01-04-77	106.03	0.87	
11-37-602	136	200	3306.00	01-05-71	155.63		
				01-11-72	168.60Q	12.97	
				01-14-74	167.85		0.75
				01-07-75	169.10	1.25	
				01-08-76	171.87	2.77	
				01-04-77	173.79	1.92	
11-37-603	136	220	3292.00	01-05-71	179.94		
				01-11-72	182.94	3.00	
				01-05-73	182.84		0.10
				01-14-74	181.42		1.42
				01-07-75	187.17	5.75	
				01-08-76	186.88		0.29
				01-04-77	192.28	5.40	
11-37-604	136	----	3310.00	06-18-73	102.79		
				01-07-75	104.22	1.43	

## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-37-701	136	218	3315.00	01-05-71	137.42		
				01-11-72	137.60	0.18	
				01-09-73	138.45	0.85	
				01-14-74	140.97	2.52	
				01-08-75	145.50	4.53	
				01-08-76	148.02	2.52	
				01-04-77	153.49	5.47	
11-37-914	136	232	3306.00	08-12-73	163.65		
				01-14-74	162.82		0.83
				01-08-75	171.15	8.33	
				01-08-76	173.16	2.01	
				01-04-77	181.05	7.89	
11-38-109	136	205	3292.00	03-05-75	128.39		
				01-06-76	130.53	2.14	
				01-06-77	131.47	0.94	
11-38-306	136	232	3271.00	08-28-72	163.55		
				06-19-73	157.62		5.93
				01-15-74	157.25		0.37
				01-08-75	157.01		0.24
				01-06-76	157.83	0.82	
				01-05-77	159.74	1.91	
11-38-328	136	216	3241.00	06-19-73	143.40		
				01-15-74	145.78	2.38	
				01-08-75	146.46	0.68	
				01-06-76	148.20	1.74	
				01-05-77	149.23	1.03	
11-38-401	136	185	3288.00	01-05-71	123.27		
				01-11-72	162.10	38.83	
				01-05-73	129.74		32.36
				01-15-74	131.06	1.32	
				01-08-75	132.70	1.64	
11-38-402	136	212	3283.00	01-05-71	150.05		
				01-11-72	151.06	1.01	
				01-05-73	158.41	7.35	
				01-15-74	156.12		2.29
				01-08-75	163.82	7.70	
				01-08-76	168.72	4.90	

## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-04-77	175.85	7.13	
11-38-418	136	186	3265.00	06-20-73	131.05		
				01-15-74	133.15	2.10	
				01-08-75	136.17	3.02	
				01-08-76	138.52	2.35	
				01-04-77	140.96	2.44	
11-38-502	136	190	3265.00	08-12-73	132.85		
				01-15-74	121.75		11.10
				01-08-75	124.61	2.86	
11-38-509	136	200	3256.00	06-18-73	124.12		
				01-15-74	128.02	3.90	
				01-08-75	128.40	0.38	
				01-08-76	128.74	0.34	
				01-04-77	130.06	1.32	
11-38-601	136	214	3240.00	01-11-72	178.22		
				01-09-73	179.41	1.19	
				01-15-74	180.03	0.62	
				01-08-75	181.51	1.48	
				01-07-76	182.38	0.87	
11-38-728	136	180	3276.00	08-12-73	103.14		
				01-15-74	101.20		1.94
				01-08-75	103.75	2.55	
				01-07-76	104.12	0.37	
				01-04-77	105.97	1.85	
11-38-818	136	226	3264.00	02-11-75	193.01		
				01-07-76	175.49		17.52
				01-04-77	179.24	3.75	
11-38-904	136	170	3228.00	08-12-73	117.60		
				01-15-74	116.57		1.03
				01-08-75	118.01	1.44	
				01-07-76	119.22	1.21	
				01-04-77	120.04	0.82	
11-38-921	136	148	3239.00	02-12-75	95.80		
				01-08-76	99.77	3.97	

## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-04-77	98.44		1.33
11-39-113	136	178	3250.00	03-06-75	150.60		
				01-05-77	132.75		17.85
11-39-201	136	217	3222.00	01-05-71	205.34		
				01-10-72	205.05		0.29
				01-09-73	206.09	1.04	
				01-15-74	206.00		0.09
				01-09-75	205.80		0.20
				01-07-76	207.08	1.28	
				01-05-77	207.00		0.08
11-39-527	136	235	3218.00	08-28-72	184.93		
				06-19-73	185.19	0.26	
				01-15-74	185.36	0.17	
				01-09-75	186.27	0.91	
				01-07-76	187.89	1.62	
				01-05-77	188.18	0.29	
11-39-533	136	208	3217.00	02-13-75	192.90		
				01-07-76	186.85		6.05
				01-05-77	188.12	1.27	
11-39-602	136	222	3203.00	06-19-73	206.96		
				01-15-74	207.18	0.22	
				01-09-75	216.09	8.91	
				01-07-76	216.64	0.55	
				01-05-77	209.69		6.95
11-39-605	136	267	3201.00	06-19-73	187.20		
				01-15-74	187.77	0.57	
				01-09-75	188.64	0.87	
				01-07-76	189.07	0.43	
				01-05-77	190.22	1.15	
11-39-701	136	210	3227.00	01-05-71	175.74		
				01-11-72	177.24	1.50	
				01-09-73	171.31		5.93
				01-09-75	174.90	3.59	
				01-07-76	177.60	2.70	
				01-04-77	179.32	1.72	

## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-40-904	315	110	2530.00	06-21-73	49.73		
				01-16-74	48.24		1.49
				01-09-75	46.50		1.74
				01-07-76	45.59		0.91
				01-05-77	44.96		0.63
11-45-102	136	236	3313.00	03-04-75	168.05		
				01-08-76	174.75Q	6.70	
				01-04-77	183.79	9.04	
11-45-207	136	265	3306.00	02-11-75	159.10		
				01-08-76	147.10		12.00
				01-04-77	151.19	4.09	
11-45-301	136	200	3287.00	01-05-71	150.96		
				01-11-72	152.17	1.21	
				01-08-75	155.58	3.41	
11-45-314	136	230	3288.00	06-18-73	121.40*		
				01-15-74	123.72	2.32	
				01-08-75	124.45	0.73	
				01-04-77	126.15	1.70	
11-45-501	136	212	3301.00	01-05-71	163.37		
				01-11-72	166.79	3.42	
				01-08-73	170.17	3.38	
				01-14-74	173.70	3.53	
				01-08-75	179.86	6.16	
				01-08-76	183.45	3.59	
11-45-601	136	220	3285.00	01-05-71	175.35		
				01-11-72	178.15	2.80	
				01-08-73	180.64	2.49	
				01-14-74	181.40	0.76	
11-46-101	136	219	3266.00	01-11-72	97.15		
				01-05-73	96.91		0.24
				01-15-74	96.59		0.32
				01-08-75	97.72	1.13	
				01-08-76	97.70		0.02
				01-04-77	97.86	0.16	

## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-46-409	136	225	3265.00	06-19-73	176.20		
				01-15-74	176.08		0.12
				01-08-75	178.13	2.05	
				01-08-76	178.98	0.85	
				01-04-77	182.18	3.20	
11-46-604	136	228	3205.00	03-13-75	198.10		
				01-08-76	194.40		3.70
				01-04-77	197.38*	2.98	
11-47-107	136	280	3208.00	03-06-75	117.07		
				01-08-76	116.89		0.18
				01-04-77	114.05		2.84
11-47-401	136	230	3194.00	03-03-75	225.44		
				01-08-76	202.68		22.76
				01-04-77	202.00		0.68
11-48-202	315	100	2610.00	06-21-73	31.32		
				01-16-74	30.47		0.85
				01-09-75	29.18		1.29
				01-07-76	30.59	1.41	
				01-05-77	30.90	0.31	
11-48-504	001	100	2496.00	06-21-73	47.18		
				01-16-74	45.82		1.36
				01-09-75	45.08		0.74
				01-07-76	45.18	0.10	
				01-05-77	45.54	0.36	
11-48-610	001	94	2461.00	06-21-73	41.10		
				01-16-74	39.33		1.77
				01-09-75	38.68		0.65
				01-07-76	40.03	1.35	
				01-05-77	41.96	1.93	
12-25-101	001	201	2205.00	08-11-73	108.40*		
				01-16-74	104.62		3.78
				01-09-75	105.27	0.65	
				01-07-76	102.98		2.29
				01-05-77	104.64	1.66	
12-41-102	208	165	2425.00	06-21-73	57.70		

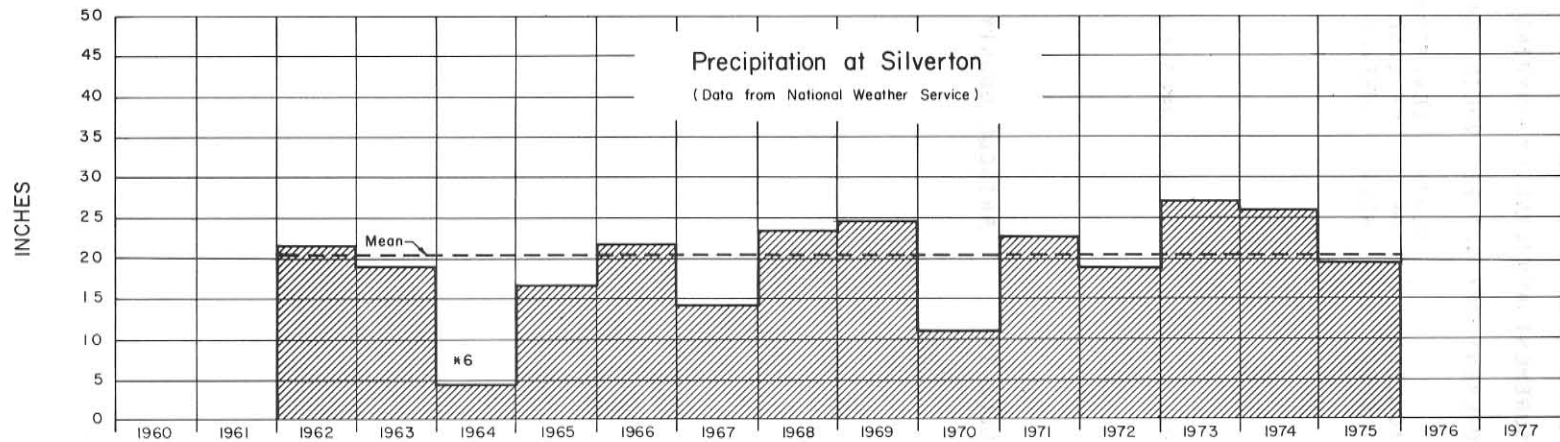
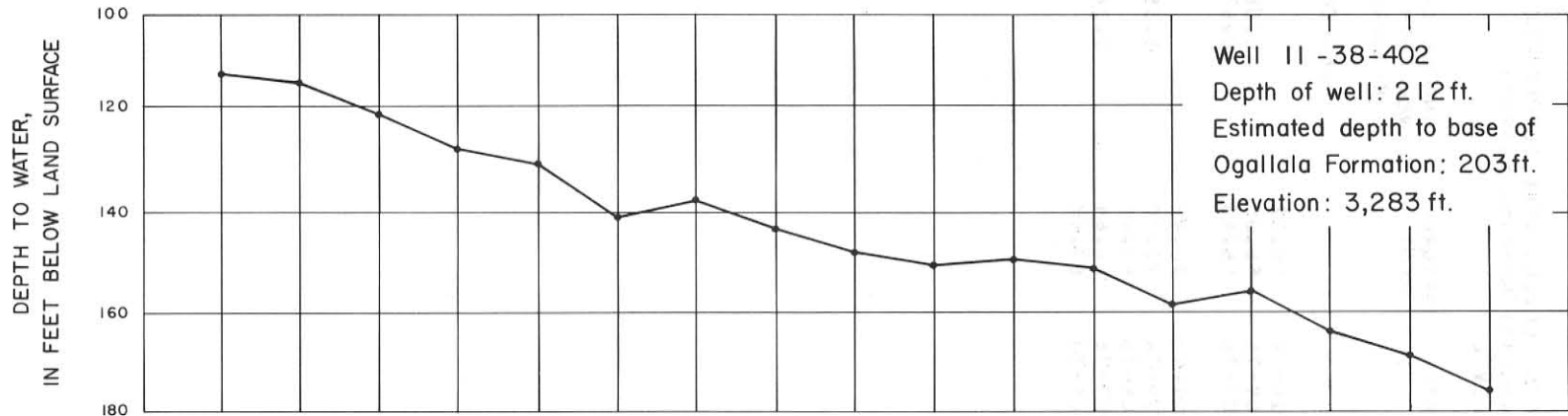
## BRISCOE COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-16-74	56.12		1.58
				01-09-75	56.20	0.08	
				01-07-76	56.83	0.63	
12-41-423	001	158	2465.00	06-21-73	70.95		
				01-16-74	72.30	1.35	
				01-09-75	68.46		3.84
				01-07-76	68.64	0.18	
				01-05-77	67.93		0.71

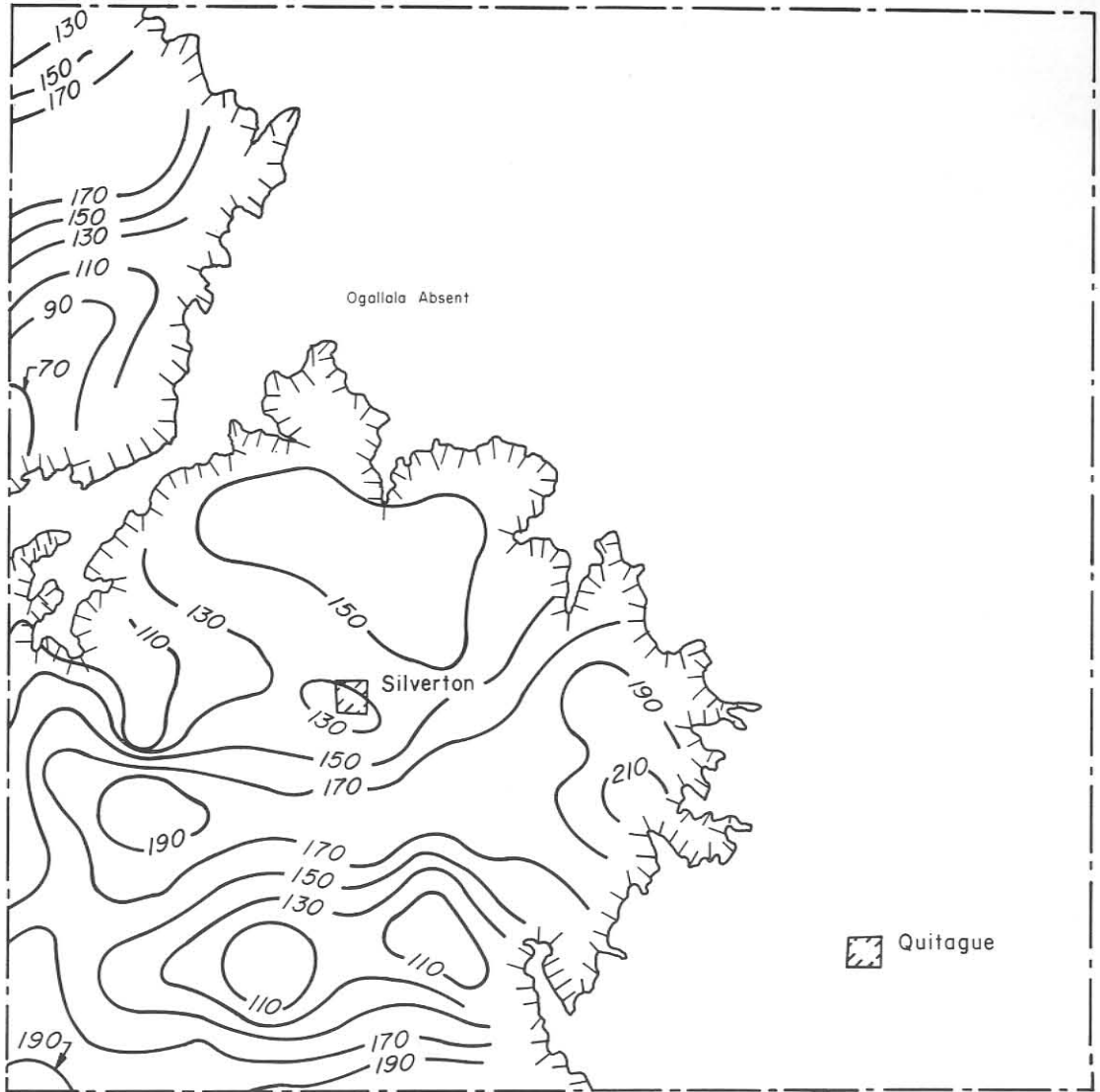
65 WELLS IN BRISCOE COUNTY



\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrograph of Selected Well in Briscoe County and Precipitation at Silverton





Contour Interval: 20 ft.



Approximate Depth to Water in the Ogallala Aquifer,  
1977 Briscoe County





**WATER-LEVEL MEASUREMENTS IN CARSON COUNTY**





CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-28-102	136	272	3311.00	11-23-76	193.65*		
				03-17-77	181.67		11.98
06-28-201	136	300	3220.00	12-14-70	95.05		
				11-23-76	83.92		11.13
06-28-402	136	286	3350.00	06-15-71	192.00		
				02-09-77	187.44		4.56
06-28-601	136	164	3185.00	12-14-70	67.65		
				12-22-71	67.95	0.30	
				12-20-72	67.90		0.05
				01-16-74	68.40	0.50	
				11-03-74	68.40		
				12-12-76	68.00	0.10	0.50
06-28-701	136	468	3396.00	02-14-77	238.07		
06-28-902	136	241	3248.00	02-17-77	121.14		
06-29-101	136	190	3235.00	03-09-77	53.22		
06-29-301	136	364	3232.00	03-15-77	180.06		
06-30-201	208	127	3120.00	03-15-77	120.34		
06-30-301	136	200	3160.00	03-15-77	147.59		
06-30-401	136	303	3180.00	03-10-77	233.93*		
06-30-501	136	248	3248.00	03-14-77	217.87		
06-31-203	136	416	3250.00	08-23-74	280.00		
				03-15-77	295.25*	15.25	
06-31-301	136	303	3050.00	02-15-77	118.18		
06-31-506	136	418	3275.00	02-15-77	326.05		
06-31-701	136	447	3380.00	03-06-70	380.00		

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				02-16-77	386.45	6.45	
06-31-801	136	462	3320.00	12-15-70	386.50		
				12-21-71	386.60	0.10	
				12-20-72	386.80	0.20	
				01-07-74	385.80		1.00
				10-14-74	385.90	0.10	
				12-06-75	386.60	0.70	
			12-12-76	386.60			
06-31-901	136	517	3328.00	12-18-70	400.50		
				12-21-71	401.00	0.50	
				12-21-72	401.60	0.60	
				12-29-73	402.00	0.40	
				10-14-74	402.10	0.10	
				12-04-75	402.90	0.80	
			12-01-76	403.00	0.10		
06-32-401	136	472	3244.00	02-15-77	315.59		
06-32-701	136	488	3309.00	11-29-70	392.15		
				12-21-71	393.45	1.30	
				12-20-72	394.50	1.05	
				01-07-74	395.40	0.90	
				10-16-74	396.80	1.40	
				12-26-75	397.75	0.95	
			12-01-76	397.90	0.15		
06-32-702	136	512	3323.00	11-11-70	398.30		
				12-21-71	398.80	0.50	
				12-20-72	399.40	0.60	
				12-30-73	399.50	0.10	
				10-14-74	400.20	0.70	
				12-06-75	400.60	0.40	
			12-01-76	401.00	0.40		
06-32-703	136	511	3297.00	11-30-70	384.55		
				12-21-71	385.65	1.10	
				12-20-72	386.70	1.05	
				12-09-73	387.00	0.30	
				12-07-74	387.20	0.20	
				12-07-75	387.50	0.30	
			12-01-76	387.95	0.45		

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-36-101	136	325	3450.00	05-15-71	280.00		
				03-17-77	285.47	5.47	
06-36-201	136	394	3482.00	02-09-77	333.02		
06-36-601	136	747	3522.00	12-14-70	417.35		
				12-20-71	418.40	1.05	
				12-20-72	418.50	0.10	
				01-12-74	418.50		
				11-22-74	420.30	1.80	
				12-04-75	420.60	0.30	
			12-02-76	421.10	0.50		
06-36-602	136	822	3545.00	04-23-70	422.80		
				06-11-70	421.69		1.11
				08-19-70	427.11	5.42	
				10-14-70	424.72		2.39
				12-16-70	425.80	1.08	
				02-09-71	421.15		4.65
				04-28-71	427.03*	5.88	
				06-17-71	425.86*		1.17
				08-12-71	426.46	0.60	
				10-07-71	425.38		1.08
				12-13-71	422.96		2.42
				02-14-72	421.58*		1.38
				04-17-72	428.64	7.06	
				06-09-72	424.90		3.74
				08-18-72	431.65	6.75	
				10-18-72	430.65		1.00
				12-07-72	425.06		5.59
				02-08-73	423.94		1.12
				03-29-73	423.25		0.69
				04-10-73	423.23		0.02
				06-12-73	427.35	4.12	
08-09-73	431.11	3.76					
10-12-73	430.47		0.64				
12-21-73	426.65		3.82				
02-22-74	428.35	1.70					
04-16-74	434.33	5.98					
07-22-74	436.95	2.62					
10-18-74	429.68		7.27				
12-19-74	427.80		1.88				
02-21-75	426.96		0.84				

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				04-18-75	433.50	6.54	
				06-19-75	430.12		3.38
				08-22-75	432.51	2.39	
				10-17-75	435.79	3.28	
				12-17-75	431.23		4.56
				02-25-76	432.30	1.07	
				05-14-76	437.11	4.81	
				08-25-76	438.89	1.78	
				11-18-76	434.83		4.06
				02-25-77	436.80	1.97	
06-36-603	136	808	3547.00	12-14-70	434.25		
				12-22-71	435.65	1.40	
				12-20-72	435.90	0.25	
				12-19-73	436.00	0.10	
				11-22-74	437.90	1.90	
06-36-706	136	923	3560.00	12-16-76	430.00		
				02-09-77	421.63		8.37
06-36-801	136	705	3565.00	11-02-70	448.30		
				12-20-71	456.10	7.80	
				12-20-72	459.20	3.10	
				12-30-73	460.40	1.20	
				11-19-74	466.50	6.10	
				11-28-75	468.19	1.69	
				12-02-76	468.45	0.26	
06-36-901	136	740	3511.00	12-14-70	398.40		
				12-18-71	402.00	3.60	
				12-20-72	403.00	1.00	
				12-19-73	403.10	0.10	
				11-17-74	404.00	0.90	
				12-05-75	403.90		0.10
				12-02-76	404.10	0.20	
06-37-105	136	356	3410.00	03-09-77	313.03*		
06-37-106	136	435	3420.00	03-09-77	301.89		
06-37-404	136	750	3495.00	09-24-70	420.00		
				02-16-77	386.82		33.18



CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-37-801	136	688	3498.00	12-12-70	381.70		
				12-09-71	383.60	1.90	
				12-20-72	384.70	1.10	
				01-11-74	385.00	0.30	
				11-22-74	387.40	2.40	
				12-03-75	388.00	0.60	
06-37-901	136	570	3475.00	12-01-70	385.45		
				12-09-71	387.50	2.05	
				12-20-72	389.40	1.90	
				01-11-74	389.70	0.30	
				10-25-74	391.50	1.80	
				11-28-75	392.40	0.90	
06-37-903	136	720	3480.00	12-12-70	377.65		
				12-29-71	379.95	2.30	
				12-20-72	380.20	0.25	
				01-11-74	380.40	0.20	
				11-14-74	382.00	1.60	
				12-02-75	382.60	0.60	
06-37-911	136	600	3456.00	12-10-70	372.70		
				12-29-71	376.00	3.30	
				12-20-72	377.10	1.10	
				01-12-74	378.00	0.90	
				11-19-74	379.90	1.90	
				11-29-75	380.50	0.60	
06-38-201	136	315	3357.00	03-14-77	248.69		
06-38-401	136	550	3461.00	12-01-70	362.75		
				12-29-71	364.00	1.25	
				12-20-72	365.10	1.10	
				12-19-73	366.20	1.10	
				11-19-74	368.60	2.40	
				12-01-75	369.00	0.40	
06-38-501	136	550	3447.00	11-22-70	348.85		

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-29-71	349.30	0.45	
				12-21-72	349.80	0.50	
				01-09-74	349.90	0.10	
				11-19-74	351.00	1.10	
				12-01-75	351.40	0.40	
				12-12-76	351.85	0.45	
06-38-502	136	470	3438.00	11-22-70	356.20		
06-38-601	136	490	3416.00	11-18-70	334.30		
				12-21-71	335.90	1.60	
				12-19-72	336.20	0.30	
				01-14-74	338.90	2.70	
				11-19-74	345.00	6.10	
				11-29-75	345.40	0.40	
				12-06-76	347.90	2.50	
06-38-602	136	444	3412.00	11-22-70	347.30		
06-38-701	136	554	3460.00	12-17-70	366.35		
				12-29-71	368.70	2.35	
				12-19-72	370.40	1.70	
				01-14-74	371.10	0.70	
				10-28-74	373.10	2.00	
				11-29-75	373.60	0.50	
				12-03-76	373.90	0.30	
06-38-801	136	498	3438.00	11-26-70	358.75		
				12-29-71	359.10	0.35	
				12-20-72	359.60	0.50	
				01-12-74	360.30	0.70	
				10-29-74	362.20	1.90	
				12-01-75	362.60	0.40	
				12-04-76	362.60		
06-38-901	136	496	3403.00	11-26-70	346.70		
				12-07-71	350.20	3.50	
				12-21-72	351.70	1.50	
				01-12-74	352.50	0.80	
				10-18-74	353.70	1.20	
				11-04-75	354.50	0.80	
				12-05-76	354.50		

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-39-301	136	473	3335.00	11-19-70	398.95		
				12-21-71	400.50	1.55	
				12-21-72	401.40	0.90	
				12-30-73	402.30	0.90	
				10-16-74	404.00	1.70	
				12-26-75	404.90	0.90	
				12-01-76	404.90		
06-39-501	136	496	3367.00	11-22-70	315.90		
				12-13-71	321.80	5.90	
				12-19-72	322.00	0.20	
				01-10-74	321.90		0.10
				11-19-74	322.00	0.10	
				12-20-75	322.85	0.85	
				12-01-76	324.60	1.75	
06-39-701	136	523	3372.00	11-22-70	336.00		
				12-07-71	340.50	4.50	
				12-27-72	340.00		0.50
				01-10-74	340.00		
				10-15-74	340.60	0.60	
				12-20-75	341.00	0.40	
				12-01-76	341.10	0.10	
06-39-803	136	536	3371.00	11-23-70	325.35		
				12-13-71	331.60	6.25	
				12-19-72	333.50	1.90	
				01-10-74	333.60	0.10	
				10-15-74	334.20	0.60	
				12-20-75	334.70	0.50	
				12-01-76	334.90	0.20	
06-40-401	136	443	3313.00	11-14-70	351.85		
				12-21-71	352.90	1.05	
				12-29-72	353.80	0.90	
				12-30-73	354.20	0.40	
				10-16-74	357.30	3.10	
				11-01-75	358.40	1.10	
				12-04-76	358.00		0.40
06-40-404	136	509	3306.00	11-22-70	316.70		
				12-27-71	318.60	1.90	
				12-22-72	319.40	0.80	

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				11-10-73	319.50	0.10	
				01-10-74	320.10	0.60	
				10-21-74	322.20	2.10	
				12-26-75	323.15	0.95	
				12-01-76	323.25	0.10	
06-40-701	136	437	3310.00	11-14-70	327.95		
				12-28-71	330.00	2.05	
				12-29-72	331.10	1.10	
				11-19-73	331.20	0.10	
				10-09-74	331.40	0.20	
				12-22-75	332.10	0.70	
				12-04-76	332.45	0.35	
06-44-101	136	720	3583.00	11-29-70	456.75		
				12-20-71	462.10	5.35	
				12-21-72	462.50	0.40	
				12-24-73	465.10	2.60	
				11-14-74	466.75	1.65	
				11-28-75	467.50	0.75	
				12-09-76	467.60	0.10	
06-44-301	136	710	3520.00	12-10-70	398.00		
				12-14-71	400.75	2.75	
				12-19-72	401.40	0.65	
				01-11-74	401.90	0.50	
				11-17-74	403.70	1.80	
				12-06-75	404.45	0.75	
				12-09-76	404.60	0.15	
06-45-201	136	667	3475.00	12-10-70	377.00		
				12-06-71	379.65	2.65	
				12-19-72	380.40	0.75	
				01-11-74	381.00	0.60	
				10-29-74	383.00	2.00	
				11-28-75	383.60	0.60	
				12-08-76	383.60		
06-45-301	136	686	3472.00	12-10-70	375.20		
				12-16-71	377.25	2.05	
				12-19-72	378.40	1.15	
				12-24-73	378.50	0.10	
				10-25-74	380.10	1.60	

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				11-28-75	381.00	0.90	
				12-08-76	381.10	0.10	
06-45-302	136	650	3477.00	11-30-70	374.60		
				12-11-71	377.50	2.90	
				12-18-72	378.60	1.10	
				12-24-73	379.20	0.60	
				10-28-74	381.20	2.00	
				11-28-75	381.70	0.50	
				12-08-76	381.90	0.20	
06-45-303	136	717	3473.00	12-01-70	384.90		
				12-16-71	387.85	2.95	
				12-17-72	388.70	0.85	
				12-24-73	390.40	1.70	
				10-29-74	392.00	1.60	
				11-28-75	392.75	0.75	
				12-08-76	393.00	0.25	
06-45-401	136	476	3507.00	12-01-70	391.25		
				12-05-71	393.35	2.10	
				12-19-72	393.00		0.35
				01-11-74	394.80	1.80	
				11-11-74	396.40	1.60	
				12-05-75	396.95	0.55	
				12-08-76	397.20	0.25	
06-45-402	136	500	3514.00	12-12-70	395.00		
				12-07-71	397.10	2.10	
				12-12-72	397.40	0.30	
				01-10-74	397.90	0.50	
				11-11-74	399.70	1.80	
				12-06-75	400.00	0.30	
				12-08-76	400.20	0.20	
06-45-601	136	802	3474.00	12-16-70	367.55		
				12-05-71	369.45	1.90	
				12-13-72	369.95	0.50	
				12-19-73	371.60	1.65	
				11-18-74	373.30	1.70	
				12-06-75	374.00	0.70	
				12-10-76	374.10	0.10	

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-45-602	136	580	3476.00	12-16-70	366.55		
				12-04-71	368.90	2.35	
				12-13-72	369.00	0.10	
				01-09-74	370.00	1.00	
				12-10-74	372.00	2.00	
				12-06-75	372.80	0.80	
				12-10-76	373.00	0.20	
06-45-701	136	440	3493.00	11-17-70	371.65		
				12-05-71	373.85	2.20	
				12-14-72	374.50	0.65	
				12-15-73	376.10	1.60	
				12-11-74	377.80	1.70	
				11-21-75	378.60	0.80	
				12-10-76	378.85	0.25	
06-45-801	136	449	3481.00	11-17-70	366.05		
				12-20-71	368.25	2.20	
				12-14-72	368.20		0.05
				12-15-73	369.70	1.50	
				12-12-74	371.30	1.60	
				12-07-75	372.00	0.70	
				12-10-76	372.30	0.30	
06-45-901	136	535	3455.00	12-07-70	361.80		
				12-09-71	364.10	2.30	
				12-07-72	364.00		0.10
				12-16-73	365.00	1.00	
				12-10-74	367.10	2.10	
				11-21-75	368.00	0.90	
				12-11-76	368.40	0.40	
06-45-902	136	423	3458.00	12-07-70	364.60		
				12-26-71	366.70	2.10	
				12-11-72	366.60		0.10
				12-16-73	367.70	1.10	
				12-11-74	368.90	1.20	
				11-12-75	370.40	1.50	
				12-11-76	370.20		0.20
06-46-201	136	650	3424.00	11-26-70	353.75		
				12-29-71	356.65	2.90	
				12-23-72	354.30		2.35

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-24-73	355.30	1.00	
				11-07-74	356.20	0.90	
				11-12-75	357.60	1.40	
				12-13-76	357.95	0.35	
06-46-301	136	512	3394.00	11-26-70	336.60		
				12-16-71	338.65	2.05	
				12-22-72	338.70	0.05	
				12-19-73	339.60	0.90	
				11-07-74	340.60	1.00	
				12-15-75	341.30	0.70	
				12-13-76	341.80	0.50	
06-46-302	136	511	3386.00	11-26-70	326.45		
				12-16-71	328.65	2.20	
				12-22-72	328.70	0.05	
				12-14-73	329.60	0.90	
				11-06-74	330.70	1.10	
				11-15-75	331.10	0.40	
				12-13-76	333.20	2.10	
06-46-401	136	455	3462.00	11-22-70	373.75		
				12-01-71	375.00	1.25	
				12-26-72	375.10	0.10	
				12-14-73	375.90	0.80	
				11-05-74	377.50	1.60	
				11-15-75	378.40	0.90	
				12-13-76	378.60	0.20	
06-46-402	136	698	3452.00	11-27-70	368.65		
				12-06-71	370.90	2.25	
				12-22-72	371.00	0.10	
				12-14-73	371.90	0.90	
				12-05-74	373.30	1.40	
				11-16-75	374.10	0.80	
				12-13-76	375.65	1.55	
06-46-403	136	656	3434.00	12-04-70	349.65		
				12-06-71	351.95	2.30	
				12-22-72	351.00		0.95
				12-14-73	351.90	0.90	
				12-04-74	352.90	1.00	
				11-18-75	353.40	0.50	

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-13-76	354.10	0.70	
06-46-501	136	600	3406.00	12-04-70	336.50		
				12-21-71	338.65	2.15	
				12-22-72	338.50		0.15
				12-14-73	339.30	0.80	
				11-04-74	340.25	0.95	
				11-19-75	340.80	0.55	
				12-14-76	341.35	0.55	
06-46-601	136	535	3391.00	12-02-70	365.45		
				12-16-71	367.50	2.05	
				12-06-72	367.50		
				12-14-73	368.40	0.90	
				11-03-74	369.20	0.80	
				11-19-75	369.60	0.40	
				12-15-76	369.50		0.10
06-46-701	136	433	3444.00	12-14-70	352.40		
				12-06-71	354.35	1.95	
				12-23-72	354.45	0.10	
				12-14-73	355.30	0.85	
				11-03-74	356.90	1.60	
				12-01-75	357.50	0.60	
				12-15-76	357.90	0.40	
06-46-801	136	419	3424.00	12-13-70	354.75		
				12-03-71	356.95	2.20	
				12-07-72	357.00	0.05	
				12-14-73	358.00	1.00	
				11-02-74	359.00	1.00	
				12-02-75	359.70	0.70	
				12-15-76	359.90	0.20	
06-46-802	136	475	3412.00	12-05-70	359.50		
				12-03-71	361.60	2.10	
				12-23-72	361.80	0.20	
				12-12-73	363.90	2.10	
				11-01-74	366.00	2.10	
				12-02-75	366.60	0.60	
				12-16-76	367.20	0.60	
06-46-901	136	520	3390.00	12-05-70	329.15		



CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-03-71	331.10	1.95	
				12-23-72	331.20	0.10	
				12-10-73	333.10	1.90	
				11-01-74	334.70	1.60	
				12-02-75	335.40	0.70	
				12-16-76	336.30	0.90	
06-46-902	136	546	3378.00	11-28-70	331.40		
				12-04-71	333.60	2.20	
				12-06-72	333.00		0.60
				12-10-73	334.70	1.70	
				11-01-74	336.45	1.75	
				12-04-75	336.95	0.50	
				12-16-76	337.40	0.45	
06-46-903	136	525	3387.00	12-10-70	330.80		
				12-04-71	332.90	2.10	
				12-06-72	333.10	0.20	
				12-10-73	334.70	1.60	
				10-29-74	336.40	1.70	
				12-04-75	336.95	0.55	
				12-16-76	337.45	0.50	
06-47-205	136	----	3355.00	11-28-70	336.25		
				12-17-71	340.00	3.75	
				12-20-72	339.10		0.90
				12-10-73	340.20	1.10	
				10-11-74	343.20	3.00	
				12-04-75	343.95	0.75	
				12-12-76	345.00	1.05	
06-47-302	136	440	3329.00	11-20-70	332.85		
				12-17-71	332.95	0.10	
				12-19-72	333.30	0.35	
				01-16-74	334.00	0.70	
				10-19-74	335.90	1.90	
				12-26-75	336.90	1.00	
				12-14-76	337.30	0.40	
06-47-308	136	410	3346.00	04-23-70	297.25		
				06-11-70	297.72	0.47	
				08-19-70	298.87	1.15	
				10-14-70	297.98		0.89

CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
0 MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-16-70	297.57		0.41
				02-09-71	297.41		0.16
				04-28-71	297.26		0.15
				06-17-71	298.08	0.82	
				08-12-71	297.89		0.19
				10-07-71	297.77		0.12
				12-14-71	321.32	23.55	
				02-14-72	316.93		4.39
				04-17-72	317.05	0.12	
				06-09-72	323.00	5.95	
				08-18-72	323.06	0.06	
				10-18-72	322.03		1.03
				12-07-72	317.63		4.40
				02-08-73	314.31		3.32
				03-29-73	312.49		1.82
				06-16-73	314.19	1.70	
				08-09-73	315.58	1.39	
				10-12-73	314.70		0.88
				12-20-73	315.52	0.82	
				02-22-74	314.40		1.12
				04-16-74	313.40		1.00
				07-22-74	316.68	3.28	
				10-16-74	320.07	3.39	
				12-16-74	315.05		5.02
				02-18-75	315.24	0.19	
				04-16-75	314.70		0.54
				06-17-75	314.05		0.65
				08-20-75	314.38	0.33	
				10-15-75	316.62	2.24	
				12-15-75	315.96		0.66
				02-23-76	318.78	2.82	
				05-12-76	319.45	0.67	
				08-23-76	326.21	6.76	
				11-16-76	321.34		4.87
				02-23-77	322.34	1.00	
06-47-504	136	443	3346.00	11-12-70	307.60		
				12-04-71	309.35	1.75	
				12-21-72	309.60	0.25	
				12-20-73	310.50	0.90	
				10-21-74	312.10	1.60	
				12-26-75	313.15	1.05	
				12-05-76	313.50	0.35	

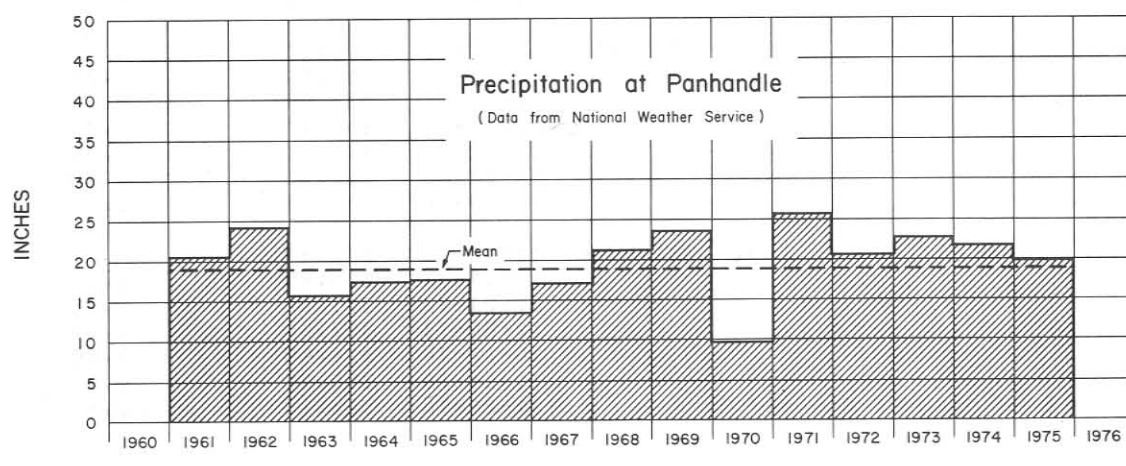
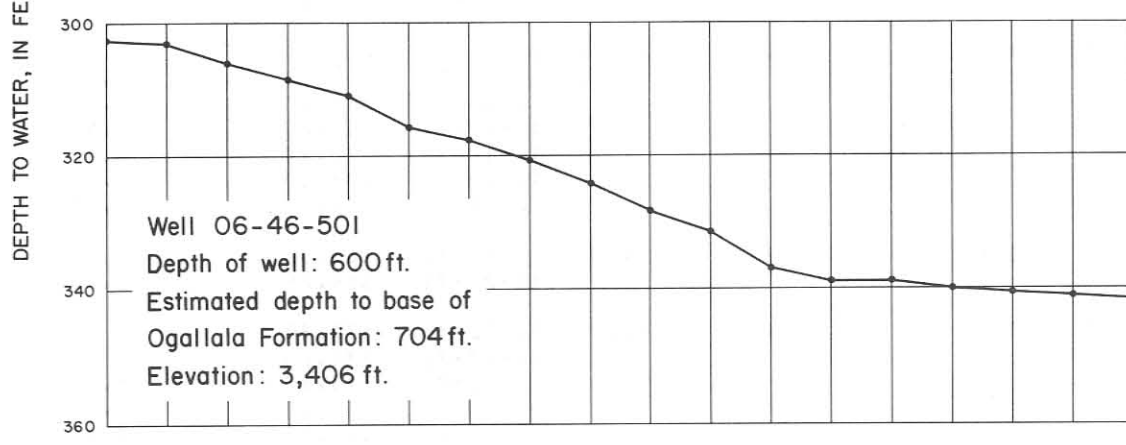
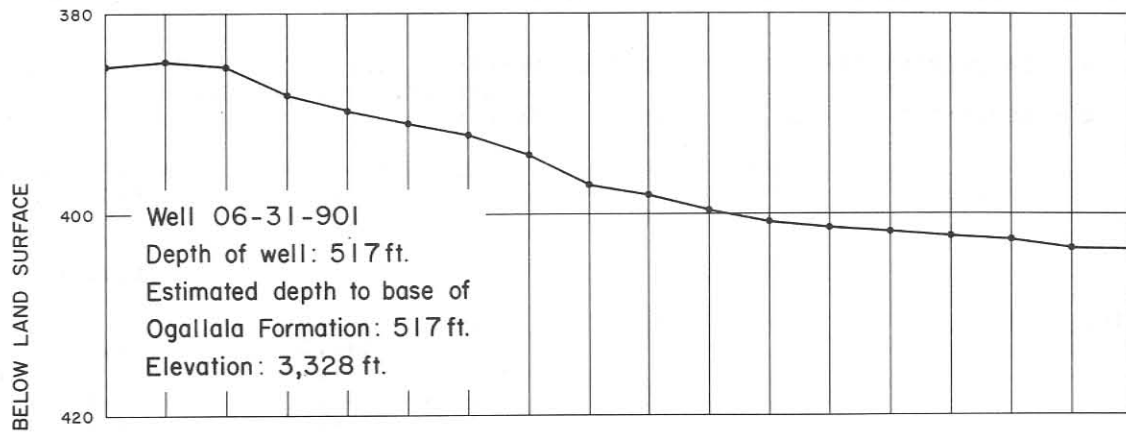
CARSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

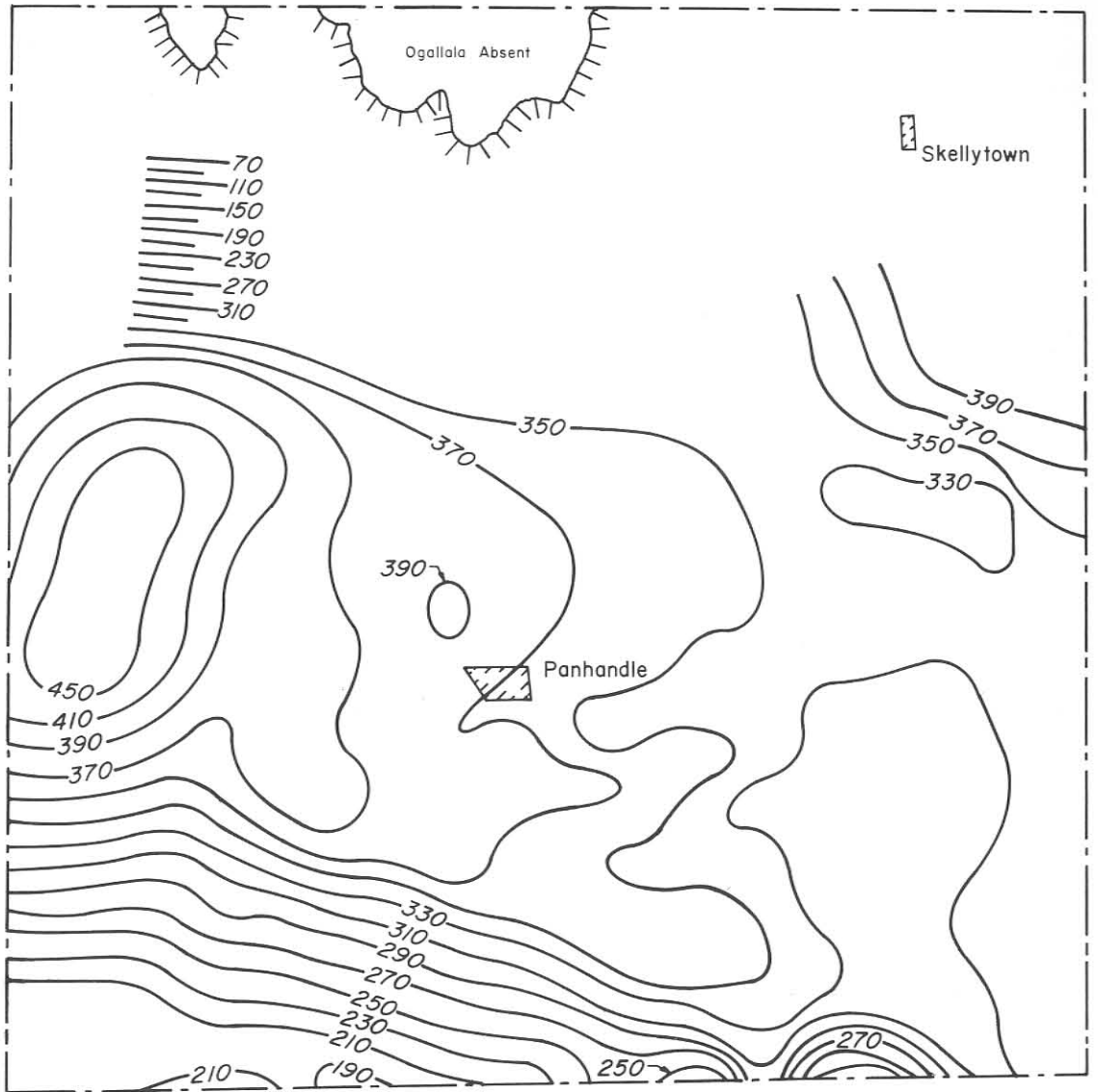
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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-48-101	136	404	3323.00	12-09-70	340.95		
				12-17-71	342.00	1.05	
				12-20-72	341.50		0.50
				01-16-74	342.80	1.30	
				10-21-74	344.50	1.70	
				12-27-75	345.45	0.95	
				12-05-76	346.10	0.65	
06-52-301	136	243	3527.00	12-11-70	217.60		
				12-17-71	218.80	1.20	
				12-06-72	218.90	0.10	
				12-09-73	219.80	0.90	
				12-10-74	220.40	0.60	
				11-21-75	221.10	0.70	
				12-11-76	221.20	0.10	
06-54-201	136	430	3424.00	12-10-70	363.00		
				11-28-71	364.25	1.25	
06-55-101	136	600	3364.00	12-10-70	339.30		
				12-17-71	338.00		1.30
				12-21-72	343.60	5.60	
				12-09-73	343.90	0.30	
				10-22-74	345.70	1.80	
				12-27-75	346.50	0.80	
				11-29-76	348.20	1.70	
06-55-201	136	414	3325.00	12-03-70	312.30		
				12-17-71	316.50	4.20	
				12-20-72	316.70	0.20	
				12-09-73	317.40	0.70	
				10-22-74	318.40	1.00	
				12-27-75	319.30	0.90	
				11-29-76	320.25	0.95	
06-55-601	136	470	3297.00	12-10-70	308.80		
				12-17-71	310.85	2.05	
				12-21-72	311.80	0.95	
				12-09-73	312.40	0.60	
				10-22-74	314.40	2.00	
				11-14-75	315.30	0.90	
				11-29-76	316.15	0.85	

91 WELLS IN CARSON COUNTY



Hydrographs of Selected Wells in Carson County  
 and Precipitation at Panhandle



Contour Interval: 20 ft.

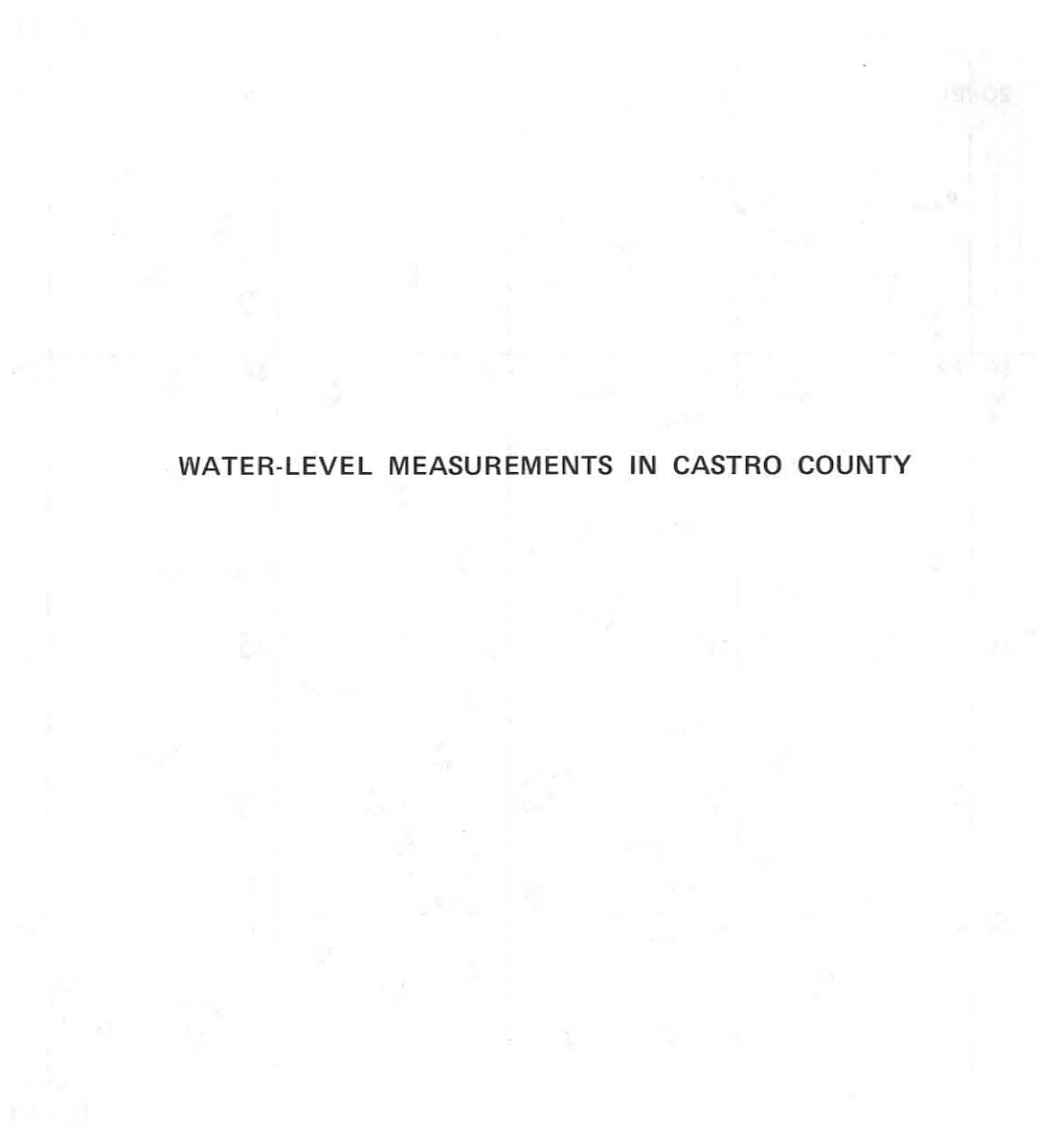
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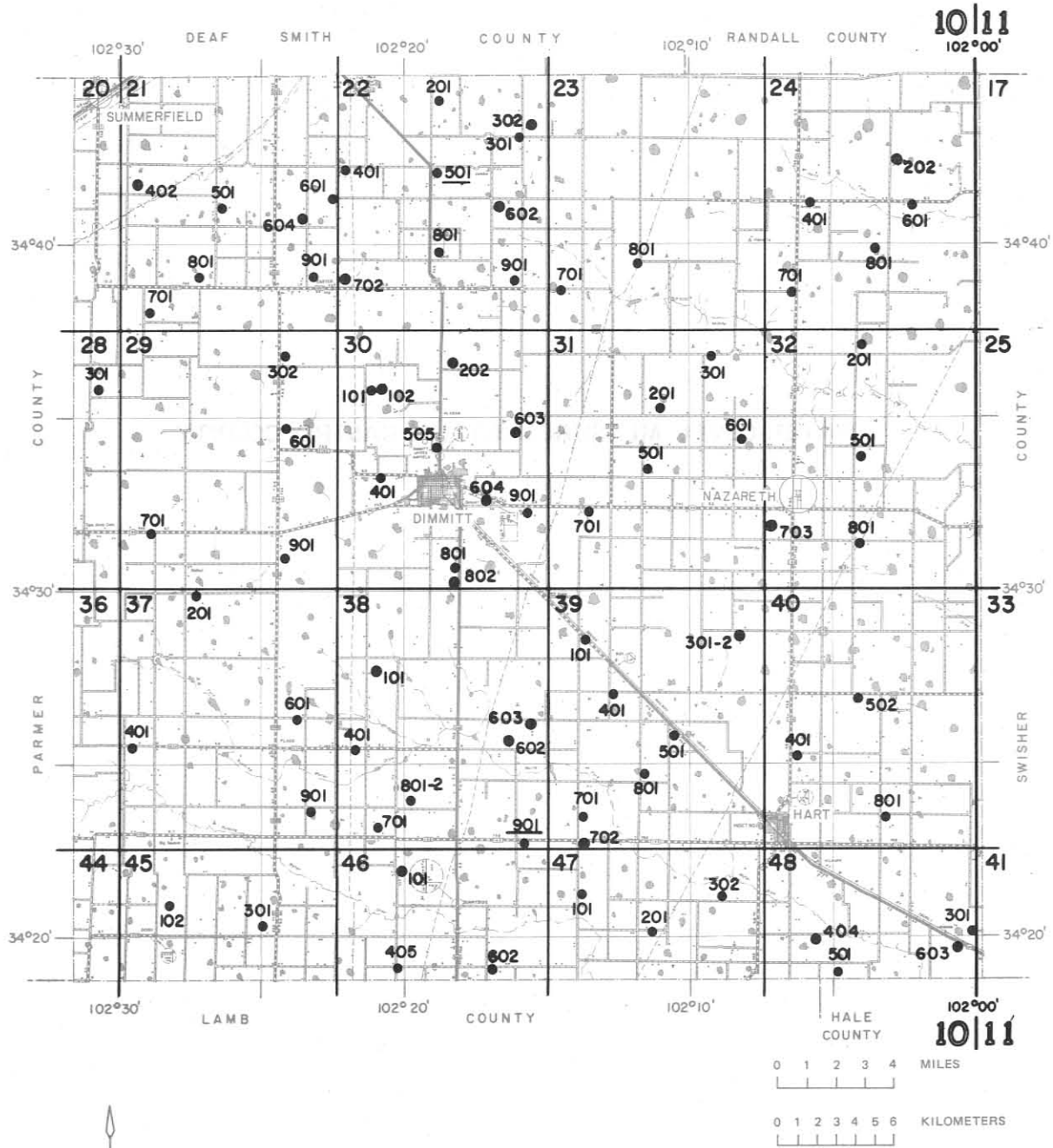


Approximate Depth to Water in the Ogallala Aquifer,  
1977 Carson County





WATER-LEVEL MEASUREMENTS IN CASTRO COUNTY



Location of Observation Wells in Castro County

Base Map from Texas Department of Highways and Public Transportation



CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

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OR WELL(S) PUMPING NEARBY)  
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-21-402	136	330	3904.00	11-24-71	155.29		
				01-08-72	154.90		0.39
				01-18-73	158.61	3.71	
				01-13-75	166.46	7.85	
				01-14-76	171.10	4.64	
				01-13-77	178.13	7.03	
10-21-501	136	207	3871.00	01-10-71	146.75		
				01-08-72	152.28	5.53	
				01-19-73	153.72	1.44	
				01-08-74	154.75	1.03	
				01-13-75	158.16	3.41	
				01-14-76	161.67	3.51	
				01-06-77	166.49	4.82	
10-21-601	136	265	3849.00	01-09-71	164.55		
				01-08-72	164.83	0.28	
				01-19-73	165.51	0.68	
				01-08-74	164.70		0.61
10-21-604	136	295	3854.00	01-14-76	146.93		
				01-05-77	149.80	2.87	
10-21-701	136	417	3924.00	01-10-71	204.40		
				01-08-72	209.28	4.88	
				01-18-73	215.07*	5.79	
				01-08-74	215.32	0.25	
				01-13-75	219.04Q	3.72	
				01-14-76	228.04	9.00	
				01-06-77	231.50	3.46	
10-21-801	136	365	3900.00	01-10-71	188.22		
				01-08-72	194.05	5.83	
				01-18-73	197.59	3.54	
				01-08-74	200.62	3.03	
				01-13-75	206.99	6.37	
				01-14-76	211.80	4.81	
				01-06-77	217.24	5.44	
10-21-901	136	250	3871.00	01-21-71	155.34		

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-22-201	136	279	3844.00	01-11-71	159.55		
				01-08-72	161.44	1.89	
				01-18-73	165.51	4.07	
				01-13-75	167.85	2.34	
				01-14-76	173.48	5.63	
				01-04-77	174.36	0.88	
10-22-301	136	140	3844.00	01-11-71	121.64		
				01-08-72	115.67		5.97
				01-18-73	115.37		0.30
				01-08-74	115.24		0.13
10-22-302	136	158	3845.00	05-09-75	111.35		
				01-14-76	107.05		4.30
				01-04-77	107.55	0.50	
10-22-401	136	208	3842.00	01-10-71	137.53		
				01-08-72	141.79	4.26	
				01-19-73	143.28	1.49	
				01-08-74	147.75	4.47	
				01-13-75	152.01	4.26	
				01-14-76	153.62	1.61	
				01-05-77	160.89	7.27	
10-22-501	136	270	3831.00	01-11-71	138.93		
				01-08-72	141.71	2.78	
				01-18-73	141.73	0.02	
				01-08-74	145.18	3.45	
				01-13-75	148.37	3.19	
				01-14-76	151.30	2.93	
				01-13-77	159.43	8.13	
10-22-602	136	152	3812.00	08-17-76	75.00		
				02-18-77	81.50	6.50	
10-22-702	136	312	3861.00	11-24-71	159.63		
				01-08-72	159.20		0.43
				01-18-73	159.95	0.75	
				01-08-74	163.07	3.12	
				01-13-75	164.79	1.72	
				01-14-76	167.40	2.61	
				01-05-77	179.48	12.08	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-22-801	136	264	3838.00	01-10-71	152.39		
				01-09-72	154.48	2.09	
				01-18-73	155.76	1.28	
				01-10-74	156.76	1.00	
				01-13-75	161.44	4.68	
				01-14-76	162.50	1.06	
				01-04-77	166.83	4.33	
10-22-901	136	231	3828.00	01-10-71	145.32		
				01-09-72	142.72		2.60
				01-19-73	145.39	2.67	
				01-10-74	143.94		1.45
				01-13-75	146.16	2.22	
				01-14-76	148.56	2.40	
				01-04-77	149.78	1.22	
10-23-701	136	170	3812.00	01-09-72	115.40		
				01-19-73	118.82	3.42	
				01-10-74	123.67	4.85	
				01-14-75	115.26		8.41
				01-14-76	122.20	6.94	
				01-04-77	119.17		3.03
10-23-801	136	168	3807.00	01-10-71	150.61		
				01-09-72	150.74	0.13	
				01-19-73	155.56	4.82	
				01-08-74	152.16		3.40
				01-14-75	151.55		0.61
				01-15-76	149.22		2.33
				01-04-77	149.58	0.36	
10-24-202	136	210	3759.00	01-10-71	176.24		
				01-10-72	175.96		0.28
				01-19-73	176.23	0.27	
				01-08-74	175.37		0.86
				01-14-75	176.68	1.31	
				01-15-76	176.52		0.16
				01-03-77	176.75	0.23	
10-24-401	136	201	3786.00	01-10-71	190.38		
				01-10-72	189.80		0.58
				01-19-73	191.23	1.43	
				01-08-74	191.00		0.23

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-75	191.36	0.36	
				01-15-76	192.75	1.39	
				01-04-77	192.48		0.27
10-24-601	136	194	3726.00	01-10-71	159.54		
				01-10-72	159.40		0.14
				01-19-73	160.06	0.66	
				01-08-74	163.18	3.12	
				01-14-75	161.67		1.51
				01-15-76	161.89	0.22	
				01-03-77	162.97	1.08	
10-24-701	136	219	3776.00	01-10-71	187.08		
				01-10-72	188.10	1.02	
				01-19-73	188.59	0.49	
				01-08-74	189.15	0.56	
				01-14-75	190.01	0.86	
				01-15-76	190.51	0.50	
				01-03-77	191.39	0.88	
10-24-801	136	222	3734.00	01-10-71	188.47*		
				01-10-72	183.12		5.35
				01-19-73	187.11	3.99	
				01-08-74	186.85		0.26
				01-14-75	185.39		1.46
				01-15-76	185.76	0.37	
				01-03-77	189.77	4.01	
10-28-301	136	429	3991.00	01-10-71	275.87		
				01-08-72	278.340	2.47	
				01-18-73	283.34	5.00	
				01-08-74	283.87	0.53	
				01-16-75	287.04	3.17	
				01-06-77	291.61	4.57	
10-29-302	136	397	3937.00	01-09-71	262.12		
				01-09-72	266.01	3.89	
				01-18-73	268.17	2.16	
				01-10-74	276.03	7.86	
				01-16-75	276.57	0.54	
				01-14-76	279.74	3.17	
				01-05-77	287.78	8.04	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-29-601	136	406	3934.00	01-09-71	251.71		
				01-09-72	249.67		2.04
				01-18-73	251.99	2.32	
				01-10-74	256.22	4.23	
				01-16-75	262.99	6.77	
				01-14-76	266.10	3.11	
				01-05-77	271.16	5.06	
10-29-701	136	480	3943.00	01-09-71	245.42		
				01-10-72	250.49	5.07	
				01-03-73	250.11		0.38
				01-11-74	262.21	12.10	
				01-16-75	253.38Q		8.83
10-29-901	136	400	3885.00	01-09-71	222.67Q		
				01-10-72	221.53		1.14
				01-18-73	223.24	1.71	
				01-11-74	236.45	13.21	
				01-16-75	233.22		3.23
				01-14-76	239.00	5.78	
				01-05-77	246.14	7.14	
10-30-101	136	436	3903.00	01-09-72	234.89*		
				01-23-73	237.46*	2.57	
10-30-102	136	418	3905.00	01-23-73	239.03		
				01-16-75	255.13*	16.10	
				01-14-76	256.12	0.99	
				01-05-77	263.18	7.06	
10-30-202	136	295	3872.00	11-24-71	236.51		
				01-09-72	233.47		3.04
				01-18-73	231.89		1.58
				01-10-74	235.34	3.45	
				01-16-75	238.74	3.40	
				01-14-76	241.39	2.65	
				01-04-77	245.18	3.79	
10-30-401	136	417	3903.00	01-09-71	247.78		
				01-09-72	250.90Q	3.12	
				01-19-73	254.75Q	3.85	
				01-09-74	259.45	4.70	
				01-16-75	264.39Q	4.94	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-76	269.58	5.19	
				01-05-77	274.44	4.86	
10-30-505	136	405	3885.00	01-09-71	222.06		
				01-09-72	224.48	2.42	
				01-19-73	226.79	2.31	
				01-10-74	228.85	2.06	
				01-16-75	231.41	2.56	
				01-14-76	235.24	3.83	
				01-04-77	237.62	2.38	
10-30-603	136	355	3852.00	01-21-71	201.49		
				01-09-72	203.42	1.93	
				01-19-73	205.27	1.85	
				01-10-74	210.56	5.29	
				01-14-76	211.66	1.10	
				01-04-77	213.42	1.76	
10-30-604	136	407	3852.00	05-29-75	260.00		
				01-15-76	260.68	0.68	
				01-04-77	264.25	3.57	
10-30-801	136	410	3829.00	01-20-71	209.11		
				01-11-72	216.40Q	7.29	
				01-20-73	230.82Q	14.42	
				01-15-75	245.37Q	14.55	
10-30-802	136	376	3803.00	05-29-75	213.48		
				01-15-76	212.32		1.16
				01-04-77	218.50	6.18	
10-30-901	136	403	3838.00	01-11-71	232.79		
				01-09-72	236.09	3.30	
				01-20-73	239.44	3.35	
				01-16-75	246.98Q	7.54	
10-31-201	136	248	3788.00	01-10-71	174.13		
				01-09-72	172.55		1.58
				01-17-73	176.57	4.02	
				01-14-74	176.69	0.12	
				01-15-75	181.66	4.97	
				01-15-76	182.44	0.78	
				01-04-77	185.58	3.14	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-31-301	136	234	3803.00	01-10-71	178.57		
				01-09-72	176.85		1.72
				01-17-73	178.34	1.49	
				01-10-74	181.98	3.64	
				01-16-75	186.11	4.13	
				01-15-76	184.48		1.63
			01-04-77	186.04	1.56		
10-31-501	136	320	3804.00	01-10-71	208.18		
				01-09-72	210.11	1.93	
				01-17-73	211.74	1.63	
				01-10-74	212.16	0.42	
				01-16-75	215.94	3.78	
				01-15-76	217.59	1.65	
			01-04-77	219.84	2.25		
10-31-601	136	251	3761.00	01-10-71	162.05		
				01-10-72	163.32	1.27	
				01-17-73	165.15	1.83	
				01-10-74	166.81	1.66	
				01-16-75	169.19	2.38	
				01-15-76	171.37	2.18	
			01-04-77	173.64	2.27		
10-31-701	136	414	3823.00	01-11-71	246.08		
				01-09-72	250.32	4.24	
				01-17-73	250.84	0.52	
				01-14-74	248.68		2.16
				01-15-75	255.30	6.62	
				01-15-76	253.32		1.98
			01-13-77	263.08	9.76		
10-32-201	136	244	3739.00	01-10-71	166.47		
				01-10-72	167.60	1.13	
				01-17-73	169.19	1.59	
				01-08-74	173.55	4.36	
				01-14-75	174.46	0.91	
				01-15-76	177.14	2.68	
			01-03-77	176.08		1.06	
10-32-501	136	222	3729.00	01-10-71	134.26		
				01-10-72	134.14		0.12
				01-17-73	135.82	1.68	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-74	136.63	0.81	
				01-14-75	137.49	0.86	
				01-15-76	138.25	0.76	
				01-03-77	140.99	2.74	
10-32-703	136	384	3772.00	01-11-71	222.01		
				01-10-72	226.38	4.37	
				01-17-73	229.84	3.46	
				01-10-74	234.12	4.28	
				01-14-75	240.03*	5.91	
				01-03-77	251.31	11.28	
10-32-801	136	297	3726.00	01-11-71	200.25		
				01-10-72	206.27	6.02	
				01-17-73	208.48	2.21	
				01-08-74	212.20	3.72	
				01-14-75	213.96	1.76	
				01-15-76	215.86	1.90	
				01-03-77	216.96	1.10	
10-37-201	136	300	3891.00	01-09-71	193.84		
				01-10-72	197.36	3.52	
				01-18-73	201.74	4.38	
				01-12-74	207.12	5.38	
				01-16-75	212.48	5.36	
				01-14-76	220.25	7.77	
				01-06-77	226.17	5.92	
10-37-401	136	250	3851.00	01-09-71	161.66		
				01-11-72	165.23	3.57	
				01-03-73	166.54	1.31	
				01-16-75	176.76	10.22	
				01-13-76	179.39	2.63	
				01-13-77	184.64	5.25	
10-37-601	136	200	3802.00	01-09-71	141.26		
				01-11-72	145.03	3.77	
				01-03-73	147.46	2.43	
				01-12-74	156.05	8.59	
				01-16-75	158.98	2.93	
				01-13-76	161.77	2.79	
				01-05-77	167.28	5.51	



CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-37-901	136	250	3789.00	01-09-71	148.97		
				01-11-72	148.47		0.50
				01-03-73	150.15	1.68	
				01-12-74	152.93	2.78	
				01-16-75	157.01	4.08	
				01-13-76	160.50	3.49	
10-38-101	136	386	3800.00	04-18-73	161.18		
				01-16-75	173.87*	12.69	
10-38-401	136	409	3792.00	01-09-71	156.67		
				01-11-72	160.14	3.47	
				01-03-73	163.04	2.90	
				01-12-74	169.16	6.12	
				01-16-75	176.02Q	6.86	
				01-05-77	180.51	4.49	
10-38-602	136	367	3739.00	01-20-71	138.77		
10-38-603	136	381	3739.00	11-24-71	153.91		
				01-11-72	152.33		1.58
				01-20-73	154.39	2.06	
				01-11-74	159.21	4.82	
				01-15-75	161.35	2.14	
				01-13-76	166.42	5.07	
10-38-801	136	202	3764.00	01-09-71	155.77		
				01-11-72	156.30	0.53	
10-38-802	136	459	3764.00	01-03-73	158.29		
				01-12-74	161.15	2.86	
				01-16-75	164.69Q	3.54	
				01-13-76	168.24	3.55	
				01-05-77	172.46	4.22	
10-38-901	136	200	3723.00	01-12-71	140.83		
				01-11-72	145.53	4.70	
				01-17-73	147.49	1.96	
				01-11-74	150.93	3.44	
				01-15-75	156.15	5.22	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-13-76	159.52	3.37	
				01-05-77	165.41	5.89	
10-39-101	136	250	3774.00	01-13-71	197.56		
				01-11-72	197.38		0.18
				01-20-73	199.45	2.07	
				01-11-74	202.24	2.79	
				01-15-75	207.25	5.01	
				01-13-76	210.87	3.62	
				01-04-77	216.09	5.22	
10-39-301	136	410	3755.00	11-24-71	221.79		
				01-10-72	221.65		0.14
				01-17-73	223.41	1.76	
				01-10-74	234.75*	11.34	
				01-15-75	235.60	0.85	
				01-13-76	240.32	4.72	
10-39-302	136	392	3755.00	01-03-77	244.18		
10-39-401	136	353	3738.00	01-13-71	173.92		
				01-12-72	169.07		4.85
				01-20-73	171.59	2.52	
				01-11-74	176.30	4.71	
				01-15-75	180.16	3.86	
				01-13-76	184.75	4.59	
				01-04-77	189.08	4.33	
10-39-501	136	374	3716.00	01-13-71	169.90		
				01-12-72	174.75	4.85	
				01-20-73	176.53	1.78	
				01-11-74	180.85	4.32	
				01-15-75	186.59Q	5.74	
				01-13-76	188.81	2.22	
				01-04-77	195.65	6.84	
10-39-701	136	----	3707.00	01-12-71	146.29Q		
				01-26-72	141.19		5.10
				01-20-73	150.82Q	9.63	
10-39-702	136	414	3703.00	05-09-75	153.67		
				01-13-76	156.30	2.63	
				01-05-77	159.94	3.64	

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-39-801	136	359	3709.00	01-13-71	155.89		
				01-12-72	158.67	2.78	
				01-20-73	159.18	0.51	
				01-11-74	162.78	3.60	
				01-15-75	166.94	4.16	
				01-13-76	171.38	4.44	
10-40-401	136	240	3689.00	01-11-71	176.80		
				01-12-72	180.43	3.63	
				01-17-73	183.79	3.36	
				01-10-74	187.33	3.54	
				01-14-75	191.64	4.31	
				01-13-76	196.30	4.66	
10-40-502	136	388	3701.00	01-11-71	209.09		
				01-10-72	211.23	2.14	
				01-20-73	212.44	1.21	
				01-10-74	216.68	4.24	
				01-14-75	220.07	3.39	
				01-13-76	224.28	4.21	
10-40-801	136	395	3655.00	01-12-71	180.92		
				01-12-72	183.48	2.56	
				01-17-73	184.45	0.97	
				01-10-74	189.26	4.81	
				01-14-75	192.08	2.82	
				01-13-76	196.25	4.17	
10-45-102	136	301	3816.00	01-12-71	162.94		
				01-11-72	165.40	2.46	
				01-03-73	166.91	1.51	
				01-12-74	169.22	2.31	
				01-16-75	173.06	3.84	
				01-12-76	174.74	1.68	
10-45-301	136	225	3795.00	01-06-77	180.17	5.43	
				01-21-71	166.68		
				01-11-72	173.78*	7.10	
				01-03-73	173.28		0.50

CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-74	176.93	3.65	
				01-16-75	180.16	3.23	
				01-12-76	182.10	1.94	
				01-06-77	186.85	4.75	
10-46-101	136	355	3754.00	11-23-71	149.02		
				01-11-72	148.00		1.02
				01-03-73	150.40	2.40	
				01-12-74	153.52	3.12	
				01-15-75	158.20	4.68	
				01-12-76	160.54	2.34	
				01-05-77	164.32	3.78	
10-46-405	136	320	3748.00	01-12-71	168.45		
				01-11-72	170.22	1.77	
				01-03-73	172.49	2.27	
				01-12-74	176.19	3.70	
				01-15-75	183.24	7.05	
				01-12-76	183.52	0.28	
				01-05-77	187.68	4.16	
10-46-602	136	355	3723.00	01-12-71	168.89		
				01-11-72	168.70		0.19
				01-17-73	169.61	0.91	
				01-12-74	172.92	3.31	
				01-15-75	178.69	5.77	
				01-12-76	179.52	0.83	
10-47-101	136	265	3696.00	01-12-71	132.67		
				01-11-72	134.40	1.73	
				01-17-73	137.92	3.52	
				01-11-74	142.31	4.39	
				01-15-75	144.35	2.04	
				01-13-76	148.64	4.29	
				01-05-77	151.06	2.42	
10-47-201	136	241	3687.00	01-13-71	170.29		
				01-12-72	173.37	3.08	
				01-17-73	172.85		0.52
				01-12-74	173.99	1.14	
				01-15-75	179.60	5.61	
				01-13-76	183.49	3.89	
				01-04-77	187.60	4.11	

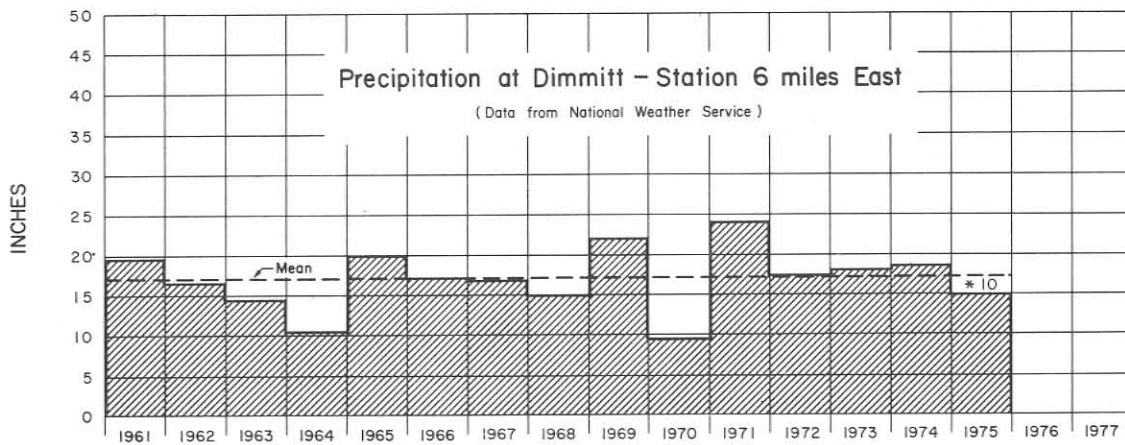
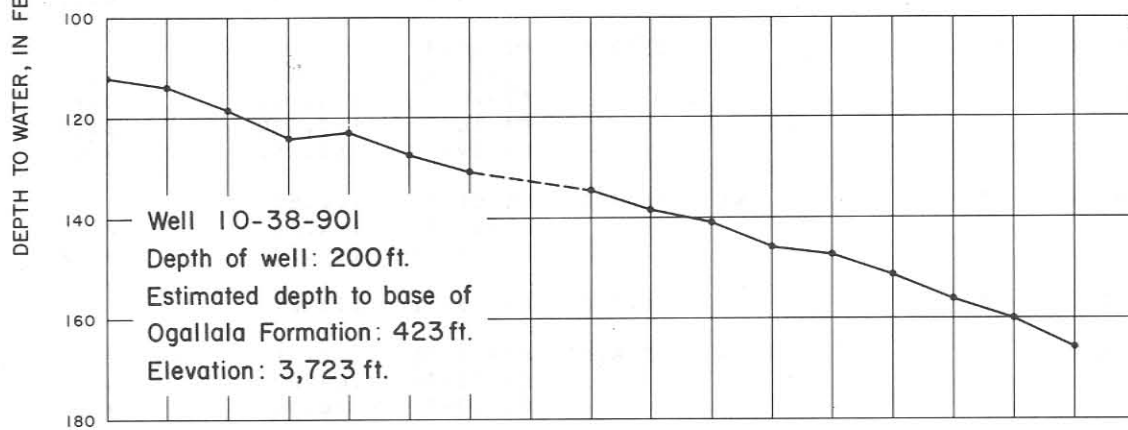
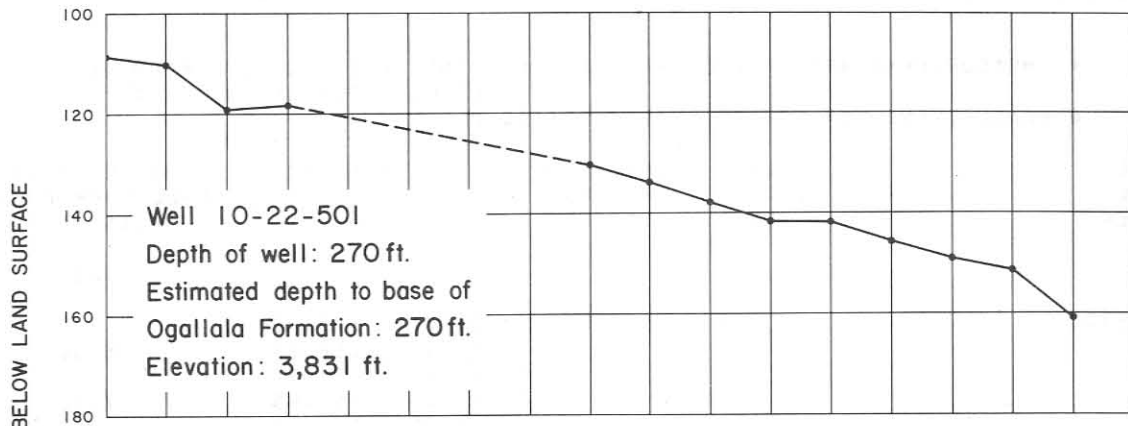
CASTRO COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

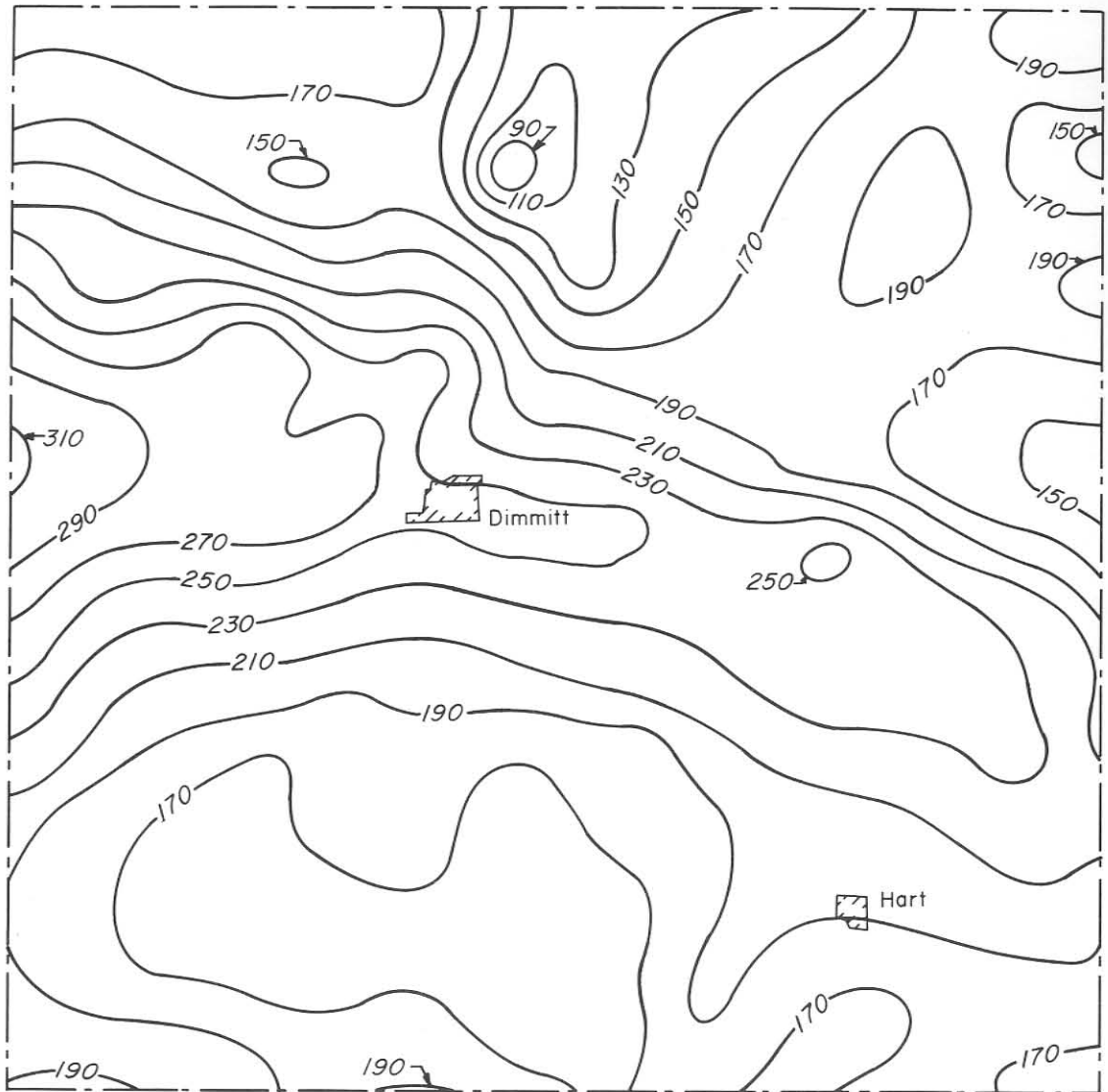
STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-47-302	136	381	3663.00	01-13-71	153.12		
				01-12-72	158.68	5.56	
				01-17-73	156.97		
				01-11-74	164.45	7.48	1.71
				01-15-75	164.09		
				01-13-76	167.87	3.78	0.36
				01-04-77	172.19	4.32	
10-48-301	136	228	3579.00	01-12-71	153.11		
				01-12-72	154.98	1.87	
				01-20-73	155.21Q	0.23	
				01-10-74	157.38Q	2.17	
				01-14-75	167.05Q	9.67	
10-48-404	136	345	3627.00	05-08-75	162.51		
				01-13-76	164.86	2.35	
				01-03-77	169.18	4.32	
10-48-501	136	200	3617.00	01-13-71	155.29		
10-48-603	136	417	3578.00	05-09-75	162.25		
				01-13-76	164.09	1.84	
				01-03-77	168.36	4.27	

81 WELLS IN CASTRO COUNTY



\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrographs of Selected Wells in Castro County  
 and Precipitation at Dimmitt



Contour Interval: 20 ft.

0 1 2 3 4 MILES

0 1 2 3 4 5 6 KILOMETERS



Approximate Depth to Water in the Ogallala Aquifer,  
1977 Castro County





1935

**WATER-LEVEL MEASUREMENTS IN COCHRAN COUNTY**





COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-09-401	136	150	3895.00	01-11-71	88.26		
				01-04-72	89.54	1.28	
				01-04-73	89.79	0.25	
				01-10-74	90.15	0.36	
				01-08-75	91.17	1.02	
				01-11-77	92.37	1.20	
24-09-602	136	220	3859.00	01-11-71	121.24		
				01-04-72	122.89	1.65	
				01-04-73	123.16	0.27	
				01-10-74	122.42		0.74
				01-08-75	125.11	2.69	
				01-06-76	124.78		0.33
24-09-603	136	176	3856.00	01-11-71	116.05		
				01-04-72	118.34	2.29	
				01-04-73	118.90	0.56	
				01-10-74	117.64		1.26
				01-08-75	120.48	2.84	
				01-06-76	124.22	3.74	
24-09-801	136	147	3905.00	01-11-71	122.00		
				01-04-72	122.65	0.65	
				01-04-73	121.80		0.85
				01-09-74	120.51		1.29
				01-08-75	122.86	2.35	
				01-11-77	123.94	1.08	
24-09-901	136	193	3834.00	01-11-71	102.18		
				01-04-72	112.64	10.46	
				01-04-73	102.65		9.99
				01-10-74	102.02		0.63
				01-08-75	104.77	2.75	
				01-06-76	103.79		0.98
24-10-401	136	148	3845.00	01-11-71	110.50		
				01-04-72	113.51	3.01	
				01-15-73	111.04		2.47

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-10-74	110.69		0.35
				01-08-75	112.32	1.63	
				01-06-76	110.12		2.20
				01-12-77	112.82	2.70	
24-10-501	136	129	3803.00	01-11-71	94.20		
				01-04-72	97.06	2.86	
				01-15-73	94.05		3.01
				01-10-74	93.71		0.34
				01-08-75	94.39	0.68	
				01-06-76	93.74		0.65
				01-12-77	94.36	0.62	
24-10-502	136	117	3820.00	01-11-71	86.60		
				01-15-73	86.58		0.02
				01-10-74	86.36		0.22
				01-08-75	87.21	0.85	
				01-06-76	86.00		1.21
				01-12-77	86.36	0.36	
24-10-601	136	111	3764.00	01-11-71	91.79		
				01-04-72	91.80	0.01	
				01-15-73	91.43		0.37
				01-10-74	90.77		0.66
				01-08-75	92.28	1.51	
				01-06-76	91.71		0.57
				01-12-77	92.56	0.85	
24-10-701	136	232	3848.00	01-11-71	158.24		
				01-04-72	168.57	10.33	
				01-04-73	160.06		8.51
				01-10-74	159.88		0.18
				01-08-75	160.95	1.07	
				01-12-77	159.40		1.55
24-10-801	136	197	3805.00	01-11-71	134.02		
				01-04-72	141.96	7.94	
				01-04-73	134.80		7.16
				01-09-74	134.49		0.31
				01-08-75	136.96	2.47	
				01-06-76	135.15		1.81
				01-12-77	138.05	2.90	

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-10-901	136	126	3778.00	01-11-71	93.33		
				01-15-73	93.08		0.25
				01-10-74	93.20	0.12	
				01-08-75	94.15	0.95	
				01-06-76	93.46		0.69
				01-12-77	93.29		0.17
24-11-701	136	156	3779.00	01-11-71	125.07		
				01-05-72	127.55	2.48	
				01-04-73	126.32		1.23
				01-10-74	125.52		0.80
				01-07-75	127.28	1.76	
				01-06-76	126.01		1.27
24-11-801	136	138	3722.00	01-11-71	107.03		
				01-05-72	106.47		0.56
				01-04-73	105.87		0.60
				01-10-74	106.50	0.63	
				01-07-75	107.39	0.89	
				01-06-76	106.62		0.77
24-11-802	136	163	3727.00	01-11-71	110.69		
				01-05-72	113.29	2.60	
				01-04-73	110.80		2.49
				01-10-74	110.87	0.07	
				01-07-75	113.73	2.86	
				01-06-76	113.50		0.23
24-11-901	136	148	3705.00	01-11-71	124.55		
				01-05-72	125.68	1.13	
				01-04-73	125.79	0.11	
				01-10-74	123.88		1.91
				01-07-75	124.32	0.44	
				01-06-76	124.12		0.20
24-12-702	136	230	3676.00	01-11-71	147.60		
				01-05-72	150.52	2.92	
				01-04-73	148.42		2.10
				01-10-74	145.07		3.35

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-75	150.57	5.50	
				01-06-76	147.17		3.40
				01-12-77	151.62	4.45	
24-12-703	136	217	3677.00	01-11-71	141.37		
				01-05-72	143.12	1.75	
				01-26-73	141.55		1.57
				01-10-74	137.29		4.26
				01-13-75	142.02	4.73	
				01-06-76	140.61		1.41
24-17-201	136	182	3903.00	01-12-71	143.32		
				01-04-72	141.08		2.24
				01-15-73	142.97	1.89	
				01-09-74	141.37		1.60
				01-08-75	144.86	3.49	
				01-05-76	143.03		1.83
				01-11-77	143.91	0.88	
24-17-301	136	188	3854.00	01-12-71	142.53		
				01-04-72	147.91	5.38	
				01-15-73	143.90		4.01
				01-09-74	143.93	0.03	
				01-08-75	146.28	2.35	
				01-05-76	144.23		2.05
				01-11-77	148.31	4.08	
24-17-502	136	190	3880.00	01-12-71	160.54		
				01-04-72	160.75	0.21	
				01-15-73	160.79	0.04	
				01-11-74	159.34		1.45
				01-07-75	162.80	3.46	
				01-05-76	158.46		4.34
				01-11-77	159.71	1.25	
24-17-601	136	190	3847.00	01-12-71	149.39		
				01-04-72	151.26	1.87	
				01-15-73	149.91		1.35
				01-11-74	151.05	1.14	
				01-07-75	151.63	0.58	
				01-05-76	151.13		0.50
				01-11-77	153.69	2.56	

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-17-801	136	203	3860.00	01-12-71	152.20		
				01-04-72	156.42	4.22	
				01-03-73	156.03		0.39
				01-11-74	158.73	2.70	
				01-07-75	159.09	0.36	
				01-05-76	159.20	0.11	
				01-11-77	157.15		2.05
24-17-901	136	200	3846.00	01-12-71	166.79		
				01-04-72	172.95	6.16	
				01-03-73	166.53		6.42
				01-11-74	168.91	2.38	
				01-07-75	166.57		2.34
				01-05-76	167.10	0.53	
				01-11-77	168.44	1.34	
24-18-101	136	184	3843.00	04-14-70	150.11		
				06-02-70	150.33	0.22	
				08-12-70	150.70	0.37	
				10-07-70	150.44		0.26
				12-09-70	150.35		0.09
				01-12-71	150.28		0.07
				02-17-71	150.33	0.05	
				04-13-71	150.90	0.57	
				06-16-71	150.94	0.04	
				08-17-71	151.02	0.08	
				10-27-71	149.49		1.53
				12-05-71	150.56	1.07	
				01-04-72	150.70	0.14	
				02-09-72	150.43		0.27
				04-14-72	150.48	0.05	
				06-13-72	150.75	0.27	
				08-15-72	150.63		0.12
				10-11-72	150.62		0.01
				12-04-72	150.08		0.54
				02-05-73	150.21	0.13	
				03-27-73	149.80		0.41
				06-03-73	149.85	0.05	
				08-13-73	150.07	0.22	
10-02-73	149.73		0.34				
12-10-73	149.75	0.02					
01-08-74	149.34		0.41				
03-19-74	149.16		0.18				

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				06-20-74	149.29	0.13	
				09-19-74	149.03		0.26
				12-03-74	149.08	0.05	
				01-08-75	148.96		0.12
				03-19-75	149.04	0.08	
				06-11-75	149.10	0.06	
				09-10-75	148.73		0.37
				11-04-75	148.74	0.01	
				01-05-76	148.56		0.18
				05-04-76	148.25		0.31
				08-03-76	148.27	0.02	
				11-01-76	148.10		0.17
				01-11-77	148.12	0.02	
24-18-201	136	254	3831.00	01-12-71	174.68		
				01-04-72	175.89	1.21	
				01-15-73	175.62		0.27
				01-10-74	174.36*		1.26
				01-07-75	177.62	3.26	
				01-05-76	177.04		0.58
				01-11-77	178.65	1.61	
24-18-301	136	181	3775.00	01-11-71	130.60		
				01-04-72	135.96	5.36	
				01-04-73	131.86		4.10
				01-10-74	130.76		1.10
				01-08-75	132.86	2.10	
				01-06-76	135.00	2.14	
				01-12-77	134.58		0.42
24-18-302	136	245	3784.00	01-12-71	160.30		
				01-05-72	172.25	11.95	
				01-15-73	160.33		11.92
				01-10-74	162.15	1.82	
				01-07-75	164.23	2.08	
				01-05-76	163.79		0.44
				01-07-77	165.60	1.81	
24-18-401	136	194	3822.00	01-12-71	149.11		
				01-04-72	156.60	7.49	
				01-15-73	150.79		5.81
				01-09-74	149.36		1.43
				01-07-75	153.14	3.78	



COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-18-501	136	237	3846.00	01-05-76	152.85		0.29
				01-11-77	155.05	2.20	
				01-12-71	194.35		
				01-04-72	195.72	1.37	
				01-15-73	195.97	0.25	
				01-09-74	196.45	0.48	
				01-07-75	197.23	0.78	
				01-05-76	197.62	0.39	
				01-11-77	198.58	0.96	
				24-18-601	136	238	3807.00
01-05-72	181.56	6.42					
01-15-73	171.49		10.07				
01-11-74	173.78	2.29					
01-07-75	175.26	1.48					
01-05-76	176.32	1.06					
24-18-801	136	231	3839.00	01-13-71	189.08		
				01-05-72	191.34	2.26	
				01-03-73	191.95	0.61	
				01-11-74	190.16		1.79
				01-07-75	195.09	4.93	
				01-08-76	192.11		2.98
24-18-802	136	200	3820.00	01-12-71	167.38		
				01-05-72	168.48	1.10	
				01-03-73	168.14		0.34
				01-11-74	165.98		2.16
				01-07-75	166.66	0.68	
				01-08-76	165.22		1.44
24-18-901	136	189	3769.00	01-11-77	164.64		0.58
				01-13-71	113.87		
				01-05-72	114.98	1.11	
				01-03-73	114.47		0.51
				01-11-74	115.31	0.84	
				01-07-75	116.17	0.86	
				01-08-76	114.76		1.41
01-07-77	114.46		0.30				

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-19-201	136	214	3731.00	01-11-71	145.91		
				01-05-72	146.88	0.97	
				01-15-73	147.16	0.28	
				01-10-74	147.49	0.33	
				01-04-75	147.75	0.26	
				01-06-76	148.11	0.36	
				01-12-77	148.57	0.46	
24-19-301	136	253	3713.00	01-12-71	167.52		
				01-05-72	168.81	1.29	
				01-04-73	168.30		0.51
				01-10-74	166.86		1.44
				01-04-75	176.17	9.31	
				01-06-76	172.25		3.92
				01-12-77	173.11	0.86	
24-19-401	136	217	3754.00	01-12-71	150.41		
				01-05-72	162.66	12.25	
				01-03-73	153.11		9.55
				01-09-74	151.84		1.27
				01-04-75	154.41	2.57	
				01-05-76	156.36	1.95	
				01-07-77	162.34	5.98	
24-19-402	136	183	3746.00	01-12-71	145.12		
				01-05-72	147.25	2.13	
				01-15-73	147.77	0.52	
				01-10-74	150.45Q	2.68	
				01-04-75	150.59	0.14	
				01-05-76	150.30		0.29
				01-07-77	153.06	2.76	
24-19-502	136	211	3751.00	01-12-71	167.29		
				01-05-72	175.97	8.68	
				01-03-73	170.34		5.63
				01-09-74	169.19		1.15
				01-04-75	171.78	2.59	
				01-05-76	173.28	1.50	
				01-07-77	176.42	3.14	
24-19-601	136	210	3718.00	01-12-71	155.77		
				01-05-72	163.66	7.89	
				01-15-73	163.39		0.27

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-74	166.98Q	3.59	
				01-04-75	166.80		0.18
				01-08-76	156.52		10.28
				01-12-77	157.62	1.10	
24-19-701	136	180	3753.00	01-13-71	162.69		
				01-05-72	161.92		0.77
				01-03-73	162.57	0.65	
				01-11-74	154.02Q		8.55
				01-13-75	158.17	4.15	
				01-08-76	154.31		3.86
				01-07-77	154.79	0.48	
24-19-801	136	205	3732.00	01-12-71	162.75		
				01-05-72	165.27	2.52	
				01-03-73	165.43	0.16	
				01-09-74	164.18		1.25
				01-04-75	169.82	5.64	
				01-05-76	166.28		3.54
				01-07-77	171.44	5.16	
24-19-902	136	200	3700.00	01-03-73	129.82		
				01-11-74	129.11		0.71
				01-03-75	130.20	1.09	
				01-05-76	129.34		0.86
				01-12-77	130.27	0.93	
24-20-402	136	192	3696.00	01-11-71	149.10		
				01-05-72	152.91	3.81	
				01-04-73	150.77		2.14
				01-10-74	151.78	1.01	
				01-07-75	150.27		1.51
				01-06-76	149.57		0.70
				01-12-77	150.40	0.83	
24-20-702	136	196	3701.00	01-11-71	154.71		
				01-05-72	155.16	0.45	
				01-04-73	153.67		1.49
				01-11-74	156.91*	3.24	
				01-03-75	155.25		1.66
				01-06-76	152.62		2.63
				01-12-77	153.84	1.22	

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-26-701	136	231	3798.00	01-13-71	181.37		
				01-05-72	181.14		0.23
				01-03-73	180.69		0.45
				01-07-75	181.73	1.04	
				01-07-76	180.89		0.84
				01-04-77	180.39		0.50
24-27-201	136	223	3717.00	01-13-71	182.80		
				01-05-72	192.14	9.34	
				01-03-73	182.11		10.03
				01-11-74	183.43	1.32	
				01-03-75	182.21		1.22
				01-05-76	181.15		1.06
24-27-301	136	219	3706.00	01-13-71	180.77		
				01-05-72	180.50		0.27
				01-03-73	180.37		0.13
				01-11-74	179.20		1.17
				01-07-75	180.27	1.07	
				01-05-76	179.87		0.40
24-28-401	136	283	3689.00	01-13-71	186.58		
				01-05-72	196.25	9.67	
				01-02-73	185.95		10.30
				01-11-74	185.16		0.79
				01-07-75	187.80	2.64	
				01-05-76	186.05		1.75
24-33-701	136	229	3840.00	01-13-71	129.40		
				01-06-72	129.40		
				01-20-73	132.32	2.92	
				01-11-74	130.88		1.44
				01-03-75	131.73	0.85	
				01-07-76	133.54	1.81	
24-34-201	136	220	3754.00	01-13-71	165.50		
				01-05-72	162.86		2.64
				01-02-73	162.66		0.20
				01-11-74	165.37	2.71	

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-75	161.95		3.42
				01-07-76	161.96	0.01	
				01-04-77	161.20		0.76
24-34-301	136	245	3757.00	01-13-71	182.94		
				01-05-72	184.50	1.56	
				01-02-73	184.61	0.11	
				01-11-74	187.11	2.50	
				01-07-75	186.87		0.24
				01-07-76	187.30	0.43	
				01-04-77	187.81	0.51	
24-34-302	136	219	3742.00	01-13-71	163.90		
				01-05-72	165.57	1.67	
				01-02-73	164.50		1.07
				01-11-74	163.92		0.58
				01-07-75	166.85	2.93	
				01-07-76	171.70	4.85	
				01-04-77	164.70		7.00
24-34-501	136	230	3750.00	01-13-71	171.37		
				01-06-72	179.66	8.29	
				01-02-73	170.30		9.36
				01-11-74	169.36		0.94
				01-03-75	168.49		0.87
				01-07-76	177.84	9.35	
24-35-301	136	222	3673.00	01-13-71	171.76		
				01-05-72	183.37	11.61	
				01-02-73	172.49		10.88
				01-11-74	169.32		3.17
				01-03-75	173.44	4.12	
				01-07-76	171.10		2.34
				01-04-77	172.83	1.73	
24-36-101	136	269	3656.00	01-13-71	180.94		
				01-05-72	182.24	1.30	
				01-02-73	182.19		0.05
				01-11-74	183.19	1.00	
				01-07-75	184.35	1.16	
				01-07-76	184.66	0.31	
				01-04-77	186.70	2.04	

COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-36-102	136	226	3655.00	01-13-71	179.64		
				01-05-72	181.09	1.45	
				01-02-73	180.59		0.50
				01-11-74	183.00	2.41	
				01-07-75	183.80	0.80	
				01-07-76	183.20		0.60
			01-04-77	184.36	1.16		
25-16-602	136	96	3912.00	01-11-71	73.44		
				01-04-72	74.49	1.05	
				01-04-73	74.85	0.36	
				01-09-74	73.87		0.98
				01-08-75	76.84	2.97	
				01-06-76	76.52		0.32
			01-11-77	78.11	1.59		
25-16-901	136	220	3915.00	01-11-71	90.38		
				01-04-72	91.16	0.78	
				01-04-73	90.52		0.64
				01-10-74	90.03		0.49
				01-08-75	92.58	2.55	
				01-06-76	91.46		1.12
			01-11-77	93.33	1.87		
25-24-302	136	238	3953.00	01-11-71	145.10		
				01-04-72	148.93	3.83	
				01-04-73	146.77		2.16
				01-10-74	146.25		0.52
				01-13-75	146.40	0.15	
				01-08-76	144.06		2.34
			01-11-77	143.59		0.47	
25-24-303	136	160	3939.00	01-11-71	124.82		
				01-04-72	124.37		0.45
				01-04-73	124.58	0.21	
				01-10-74	124.38		0.20
				01-08-75	124.27		0.11
				01-06-76	123.88		0.39
			01-11-77	123.57		0.31	
25-40-501	136	196	3898.00	01-13-71	141.49		
				01-03-75	139.66		1.83
				01-07-76	141.16	1.50	

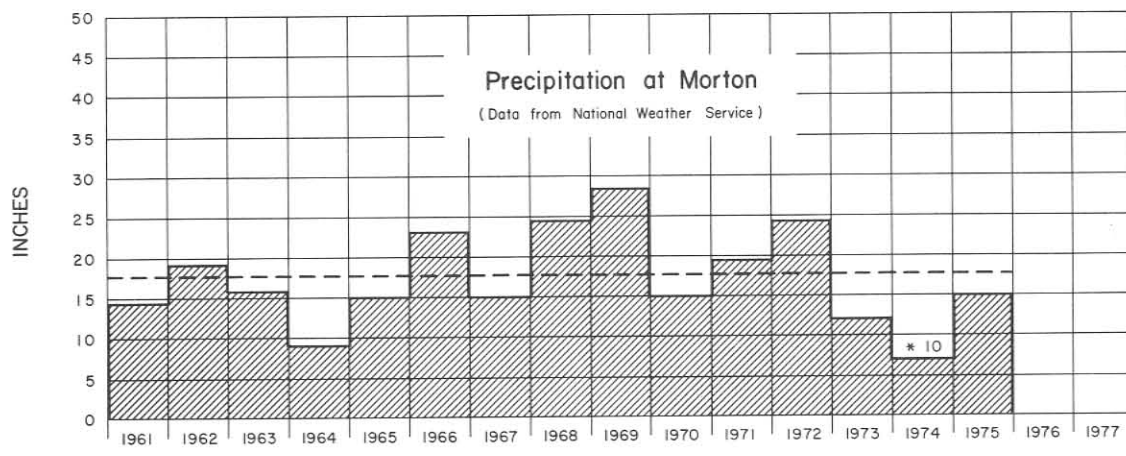
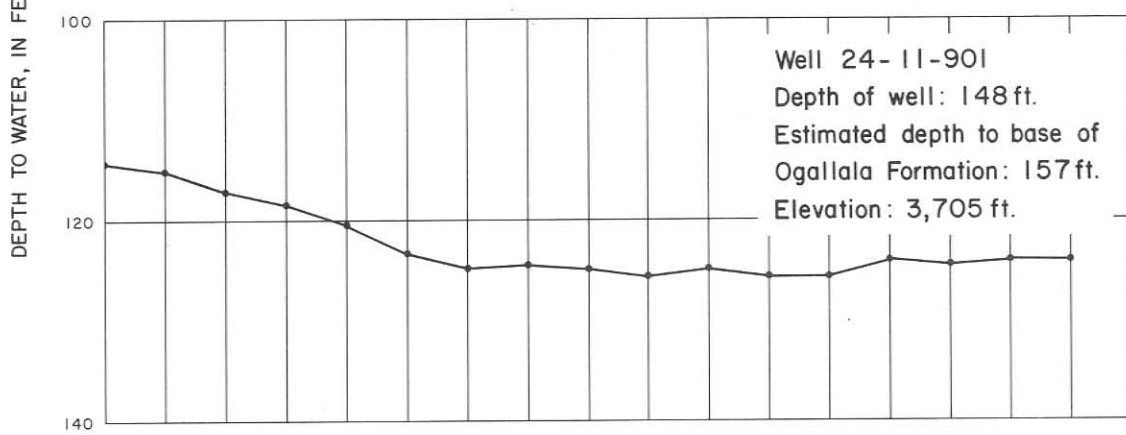
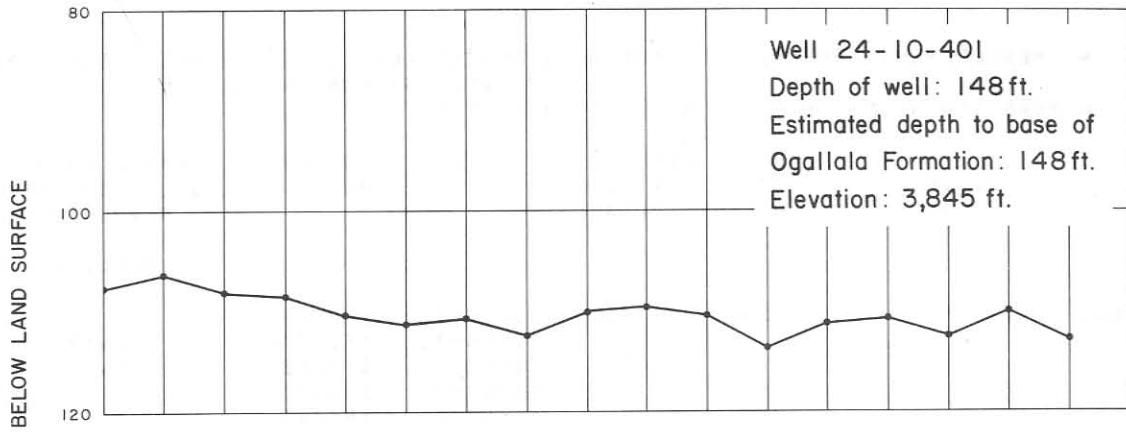
COCHRAN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
25-40-601	136	207	3873.00	01-13-71	150.89		
				01-06-72	152.23Q	1.34	
				01-03-73	157.15	4.92	
				01-07-75	154.70		2.45
				01-07-76	157.95	3.25	

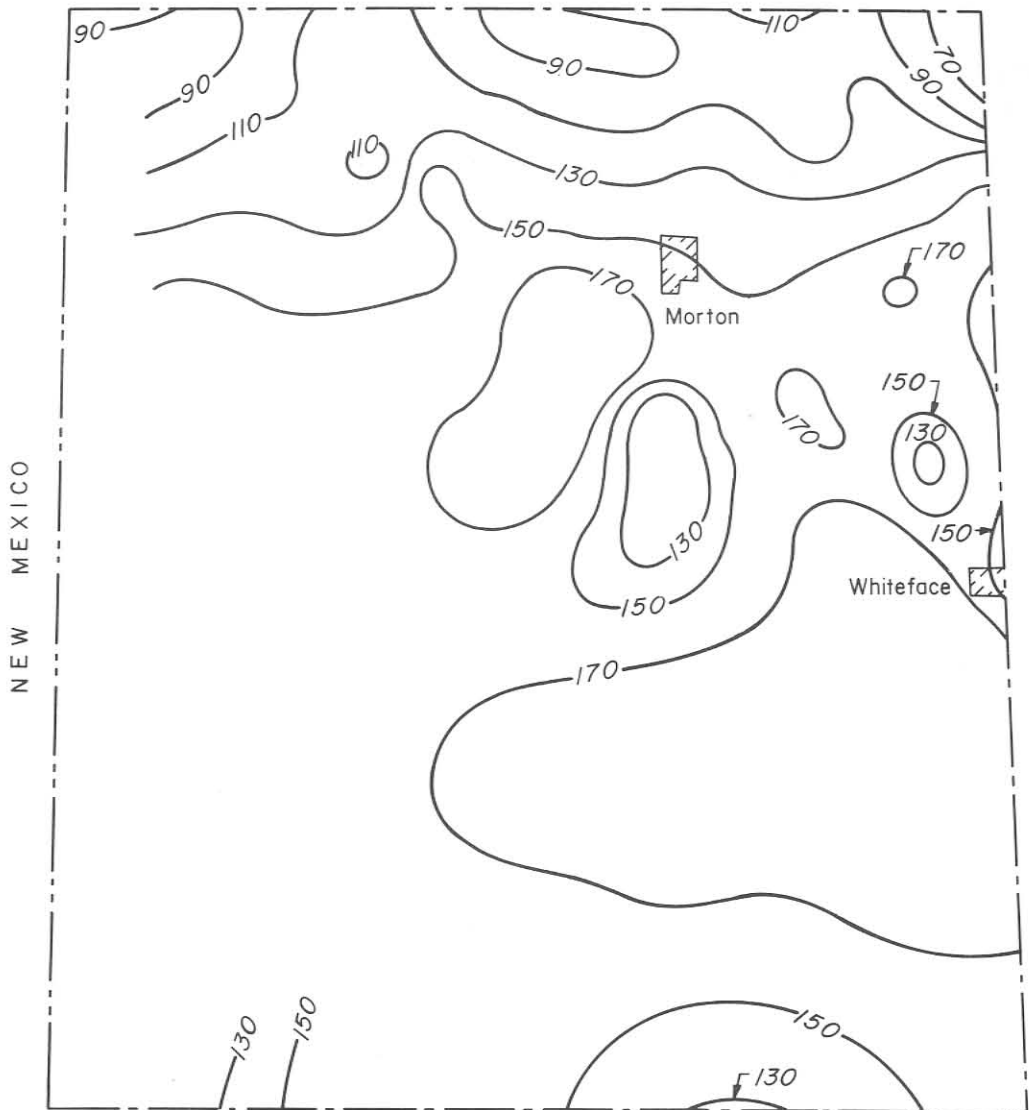
63 WELLS IN COCHRAN COUNTY



\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrographs of Selected Wells in Cochran County  
 and Precipitation at Morton





Contour Interval: 20 ft.

0 1 2 3 4 MILES

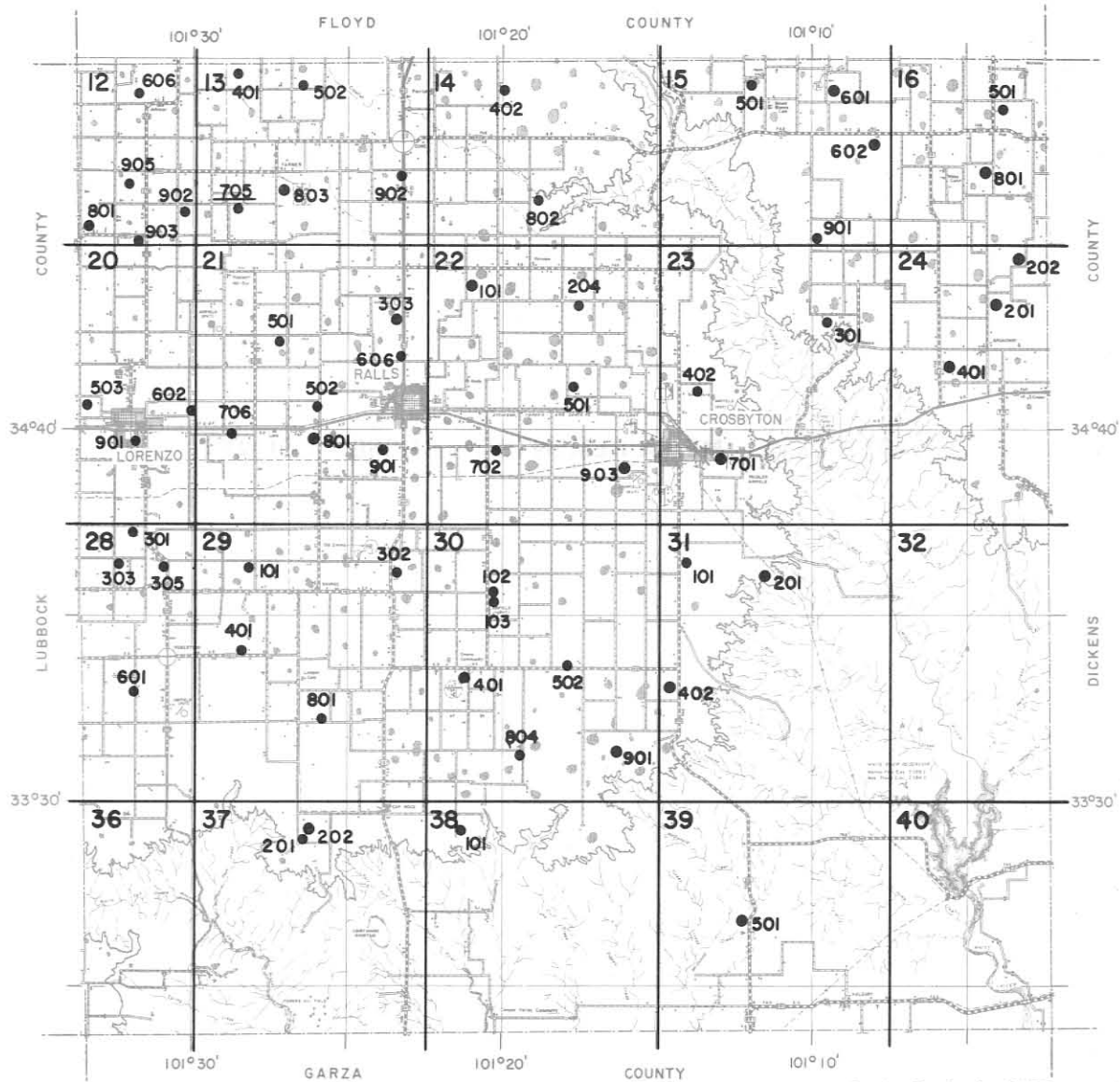
0 1 2 3 4 5 6 KILOMETERS



Approximate Depth to Water in the Ogallala Aquifer,  
1977 Cochran County



WATER-LEVEL MEASUREMENTS IN CROSBY COUNTY



**NOTE:**  
 This county is within  
 1° quadrangle No. 23



### Location of Observation Wells in Crosby County

Base Map from Texas Department of Highways and Public Transportation

CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
23-12-606	136	----	3201.00	01-07-71	169.67		
				01-10-72	174.14	4.47	
				01-18-73	173.42		0.72
				01-08-74	174.16	0.74	
				01-06-75	178.94	4.78	
				01-14-76	180.28	1.34	
				01-11-77	183.61	3.33	
23-12-801	136	320	3202.00	01-07-71	192.25		
				01-10-72	199.81	7.56	
				01-18-73	194.15		5.66
				01-08-74	195.55	1.40	
				01-06-75	200.85*	5.30	
				01-14-76	200.43		0.42
				01-11-77	203.17	2.74	
23-12-902	136	350	3184.00	01-07-71	208.58		
				01-10-72	209.91	1.33	
				01-18-73	210.46	0.55	
				01-08-74	214.56	4.10	
				01-06-75	215.85	1.29	
				01-14-76	223.68	7.83	
				01-11-77	223.86	0.18	
23-12-903	136	350	3193.00	01-07-71	207.00		
				01-10-72	209.78	2.78	
				01-18-73	205.15		4.63
				01-14-74	212.35	7.20	
				01-06-75	214.88	2.53	
				01-14-76	215.85	0.97	
				01-11-77	216.67	0.82	
23-12-905	136	340	3201.00	01-07-71	198.25		
				01-10-72	206.98	8.73	
				01-18-73	206.47Q		0.51
				01-08-74	202.20		4.27
				01-06-75	205.44	3.24	
				01-14-76	205.71	0.27	
				01-11-77	208.99	3.28	
23-13-401	136	----	3180.00	01-07-71	181.60		

CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-18-73	185.26	3.66	
				01-08-74	187.68	2.42	
				01-06-75	191.89	4.21	
				01-14-76	194.59	2.70	
				01-11-77	199.09	4.50	
23-13-502	136	355	3172.00	01-07-71	200.63		
				01-10-72	203.01	2.38	
				01-18-73	204.90	1.89	
				01-08-74	208.14	3.24	
				01-06-75	211.97	3.83	
				01-14-76	214.46	2.49	
				01-11-77	218.37	3.91	
23-13-705	136	335	3172.00	01-07-71	209.36		
				01-10-72	207.34		2.02
				01-18-73	207.38	0.04	
				01-08-74	216.20	8.82	
				01-06-75	232.75	16.55	
				01-05-76	221.81		10.94
				01-11-77	233.92	12.11	
23-13-803	136	----	3160.00	01-07-71	198.98		
				01-10-72	200.09	1.11	
				01-18-73	202.59	2.50	
				01-08-74	207.42	4.83	
				01-06-75	208.80	1.38	
				01-14-76	214.06	5.26	
				01-11-77	214.97	0.91	
23-13-902	136	344	3132.00	01-12-71	218.32		
				01-10-72	223.02	4.70	
				01-18-73	233.06	10.04	
				01-10-74	230.56		2.50
				01-10-75	234.52	3.96	
				01-09-76	235.30	0.78	
				01-05-77	240.17	4.87	
23-14-402	136	359	3123.00	01-12-71	263.00		
				01-11-72	265.17	2.17	
				01-18-73	259.39Q		5.78
				01-10-74	266.65	7.26	
				01-09-75	269.00	2.35	

CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-09-76	267.75		1.25
				01-05-77	270.60	2.85	
23-14-802	136	380	3092.00	01-12-71	254.12		
				01-11-72	262.73	8.61	
				01-18-73	259.15		3.58
				01-10-74	260.34	1.19	
				01-09-76	262.27	1.93	
				01-05-77	265.50	3.23	
23-15-501	136	400	3077.00	01-12-71	265.35		
				01-11-72	273.68	8.33	
				01-18-73	269.67		4.01
				01-09-74	270.67	1.00	
				01-09-75	279.20	8.53	
				01-09-76	277.78		1.42
				01-04-77	286.53	8.75	
23-15-601	136	365	3062.00	01-13-76	294.62		
23-15-602	136	390	3036.00	01-14-76	258.87		
				01-04-77	272.12	13.25	
23-15-901	136	350	3041.00	01-12-71	254.22		
				01-11-72	254.54	0.32	
				01-18-73	254.75	0.21	
				01-09-74	256.40	1.65	
				01-11-75	257.75	1.35	
				01-09-76	255.95		1.80
				01-04-77	256.35	0.40	
23-16-501	136	408	3040.00	01-12-71	271.22		
				01-11-72	272.86	1.64	
				01-18-73	278.60	5.74	
				01-09-74	273.45		5.15
				01-09-75	276.02	2.57	
				01-09-76	276.25	0.23	
				01-04-77	279.05	2.80	
23-16-801	136	----	3024.00	02-07-71	258.70		
				01-18-73	268.23	9.53	
				01-09-74	252.65		15.58
				01-09-75	252.52Q		0.13

## CROSBY COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-09-76	254.05	1.53	
				01-04-77	255.00	0.95	
23-20-503	136	345	3183.00	01-07-71	191.30		
				01-19-73	195.75	4.45	
				01-08-74	199.62	3.87	
				01-06-75	204.33	4.71	
				01-05-76	203.61		0.72
				01-11-77	207.03	3.42	
23-20-602	136	370	3169.00	01-12-71	203.42		
				01-10-72	206.57	3.15	
				01-19-73	207.98	1.41	
				01-08-74	209.43	1.45	
				01-06-75	212.80	3.37	
				01-05-76	212.19		0.61
				01-11-77	214.28	2.09	
23-20-901	136	----	3166.00	01-12-71	194.00		
				01-10-72	199.45	5.45	
				01-19-73	198.09		1.36
				01-08-74	198.26	0.17	
				01-06-75	201.20	2.94	
				01-05-76	204.26	3.06	
				01-11-77	207.01	2.75	
23-21-303	136	----	3118.00	02-07-71	181.10		
				01-10-72	184.27	3.17	
				01-18-73	181.86		2.41
				01-10-74	179.25		2.61
				01-10-75	178.87		0.38
				01-09-76	180.87	2.00	
				01-05-77	179.20		1.67
23-21-501	136	365	3140.00	01-12-71	222.80		
				01-10-72	223.94	1.14	
				01-19-73	226.34Q	2.40	
				01-10-75	244.76	18.42	
				01-09-76	235.56		9.20
				01-05-77	248.26	12.70	
23-21-502	136	370	3130.00	01-12-71	207.20		
				01-10-72	206.26Q		0.94



CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-19-73	205.06Q		1.20
				01-10-75	237.35	32.29	
				01-09-76	233.85		3.50
				01-05-77	238.90	5.05	
23-21-706	136	----	3144.00	01-12-71	198.40		
				01-10-72	201.58	3.18	
				01-19-73	202.60	1.02	
				01-08-74	204.25	1.65	
				01-06-75	207.15	2.90	
				01-05-76	206.25		0.90
				01-11-77	208.05	1.80	
23-21-801	136	367	3121.00	01-12-76	224.00		
				01-05-77	221.54		2.46
23-21-901	136	338	3113.00	01-12-71	179.60		
				01-10-72	186.46	6.86	
				01-18-73	184.19		2.27
				01-09-74	187.20Q	3.01	
				01-10-76	195.70Q	8.50	
				01-05-77	224.80	29.10	
23-22-101	136	369	3096.00	01-13-76	256.15		
				01-05-77	260.37	4.22	
23-22-204	136	330	3071.00	01-12-71	249.56		
				01-09-72	252.34	2.78	
				01-18-73	255.66	3.32	
				01-10-74	256.35Q	0.69	
				01-10-75	253.63		2.72
				01-09-76	254.82	1.19	
				01-05-77	259.91	5.09	
23-22-501	136	340	3062.00	01-12-71	232.30		
				01-18-73	230.63		1.67
				01-10-74	252.46	21.83	
				01-10-75	256.40	3.94	
				01-09-76	258.00	1.60	
				01-05-77	259.50	1.50	
23-22-702	136	354	3086.00	01-12-71	254.56		
				01-09-72	256.45	1.89	

## CROSBY COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-18-73	255.23Q		1.22
				01-09-74	259.56Q	4.33	
				01-10-75	263.50Q	3.94	
				01-05-77	268.90	5.40	
23-22-903	136	----	3046.00	02-07-71	264.90		
				01-09-72	266.77	1.87	
				01-18-73	268.41	1.64	
				01-10-74	269.50	1.09	
				01-10-75	271.90	2.40	
				01-10-76	272.16	0.26	
				01-05-77	272.20	0.04	
23-23-301	136	----	3010.00	01-12-71	261.60		
				01-18-73	260.23		1.37
				01-09-74	262.03	1.80	
				01-11-75	263.50Q	1.47	
				01-09-76	262.70		0.80
				01-04-77	263.11	0.41	
23-23-402	136	339	3037.00	01-12-71	271.75		
				01-09-72	273.00	1.25	
				01-18-73	276.99	3.99	
				01-09-74	273.60		3.39
				01-11-75	275.90	2.30	
				01-09-76	277.54	1.64	
				01-05-77	287.40Q	9.86	
23-23-701	136	425	3013.00	01-12-76	262.52		
				01-04-77	263.44	0.92	
23-24-201	136	----	3003.00	02-07-71	242.90		
23-24-202	136	365	3002.00	01-14-76	245.43		
				01-04-77	247.25	1.82	
23-24-401	136	325	3003.00	01-14-76	283.40		
				01-04-77	284.26	0.86	
23-28-301	136	325	3143.00	01-13-71	160.20		
				01-10-72	153.71Q		6.49
				01-19-73	150.94Q		2.77
				01-21-74	148.29		2.65

CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-06-75	151.20	2.91	
				01-16-76	152.43	1.23	
				01-11-77	155.03	2.60	
23-28-303	136	----	3133.00	01-13-71	127.05		
				01-10-72	131.02	3.97	
				01-19-73	127.54		3.48
				01-07-74	130.09	2.55	
				01-06-75	128.74Q		1.35
				01-05-76	133.58	4.84	
				01-11-77	133.29		0.29
23-28-305	136	----	3139.00	01-13-71	150.80		
				01-10-72	152.12	1.32	
				01-19-73	152.39	0.27	
				01-07-74	150.22Q		2.17
				01-06-75	147.75Q		2.47
				01-16-76	149.68	1.93	
				01-11-77	154.39Q	4.71	
23-28-601	136	235	3092.00	01-13-71	150.15		
				01-10-72	153.22	3.07	
				01-19-73	150.34		2.88
				01-07-74	141.88		8.46
				01-06-75	141.35		0.53
				01-05-76	148.99	7.64	
				01-11-77	144.10		4.89
23-29-101	136	308	3120.00	01-13-71	203.50		
				01-10-72	206.45	2.95	
				01-26-73	206.71	0.26	
				01-07-74	208.04	1.33	
				01-06-75	210.10	2.06	
				01-16-76	206.09		4.01
				01-11-77	211.09Q	5.00	
23-29-302	136	306	3075.00	01-13-71	182.70		
				01-09-72	185.12	2.42	
				01-18-73	184.64		0.48
				01-09-74	184.65	0.01	
				01-10-75	185.91	1.26	
				01-10-76	184.24		1.67
				01-06-77	186.06	1.82	

CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
23-29-401	136	328	3110.00	01-13-71	206.80		
				01-10-72	208.24	1.44	
				01-19-73	208.07		0.17
				01-07-74	207.09		0.98
				01-06-75	206.75Q		0.34
				01-05-76	206.09		0.66
				01-11-77	208.30Q	2.21	
23-29-801	136	300	3051.00	01-13-71	169.20		
				01-09-72	170.50	1.30	
				01-17-73	165.48		5.02
				01-08-74	167.05Q	1.57	
				01-10-75	172.58	5.53	
				01-10-76	171.00		1.58
				01-06-77	171.27	0.27	
23-30-102	136	300	3050.00	01-13-71	210.72		
				01-09-72	212.23	1.51	
				01-17-73	209.31		2.92
				01-09-74	213.65	4.34	
				01-10-75	213.70	0.05	
				01-10-76	213.50		0.20
				01-06-77	213.82	0.32	
23-30-103	136	300	3051.00	04-21-70	214.16		
				06-08-70	213.87		0.29
				08-17-70	220.45	6.58	
				10-12-70	216.03		4.42
				12-14-70	215.73		0.30
				02-12-71	215.69		0.04
				04-15-71	219.87	4.18	
				06-14-71	216.82		3.05
				08-09-71	222.34*	5.52	
				10-04-71	217.78		4.56
				12-15-71	216.68		1.10
				04-18-72	221.48	4.80	
				06-05-72	218.05		3.43
				08-14-72	219.50	1.45	
				10-16-72	217.71		1.79
				12-05-72	215.87		1.84
02-06-73	217.71	1.84					
03-27-73	216.53		1.18				
06-17-73	216.54	0.01					

## CROSBY COUNTY

## WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				08-06-73	220.63	4.09	
				10-03-73	217.87		2.76
				12-11-73	217.70		0.17
				01-09-74	217.65		0.05
				03-20-74	217.77	0.12	
				06-21-74	218.22	0.45	
				09-20-74	219.48	1.26	
				12-02-74	219.13		0.35
				01-10-75	217.84		1.29
				03-19-75	218.76	0.92	
				06-10-75	219.01	0.25	
				09-09-75	218.68		0.33
				11-04-75	218.76	0.08	
				01-10-76	217.88		0.88
				05-04-76	219.02	1.14	
				08-03-76	218.97		0.05
				11-09-76	218.30		0.67
				01-06-77	218.26		0.04
23-30-401	136	302	3032.00	01-12-76	228.49		
				01-06-77	230.50	2.01	
23-30-502	136	294	3024.00	01-13-71	217.27		
				01-09-72	219.59	2.32	
				01-17-73	219.88	0.29	
				01-08-74	220.65	0.77	
				01-10-75	221.60	0.95	
				01-10-76	221.48		0.12
				01-06-77	222.60	1.12	
23-30-804	136	280	3021.00	01-13-71	230.60		
				01-09-72	232.44	1.84	
				01-17-73	230.16		2.28
				01-08-74	231.85	1.69	
				01-10-75	232.90Q	1.05	
				01-06-77	232.56*		0.34
23-30-901	136	311	3002.00	01-12-76	251.50		
				01-06-77	253.43	1.93	
23-31-101	136	300	3005.00	01-13-71	222.10		
				01-09-72	234.22	12.12	
				01-17-73	231.61		2.61

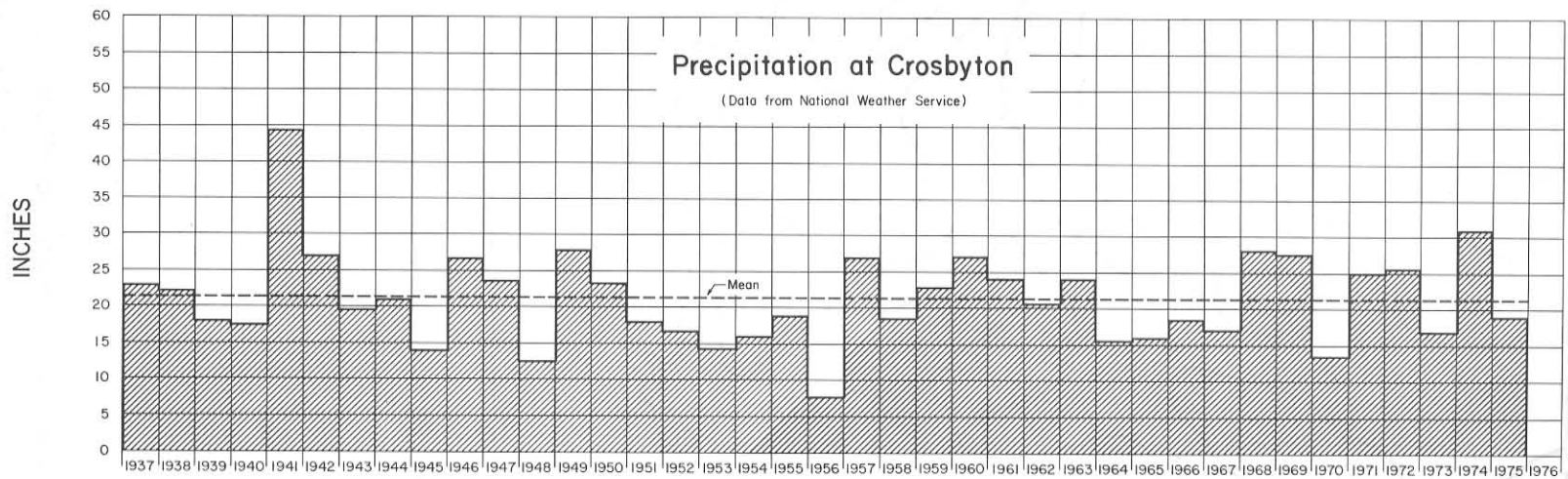
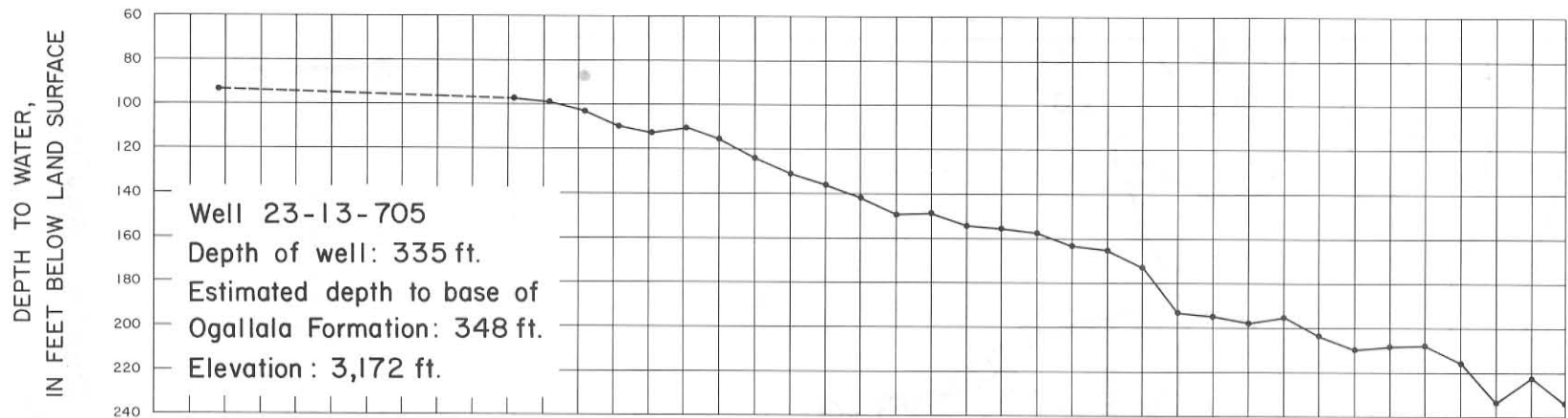
CROSBY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

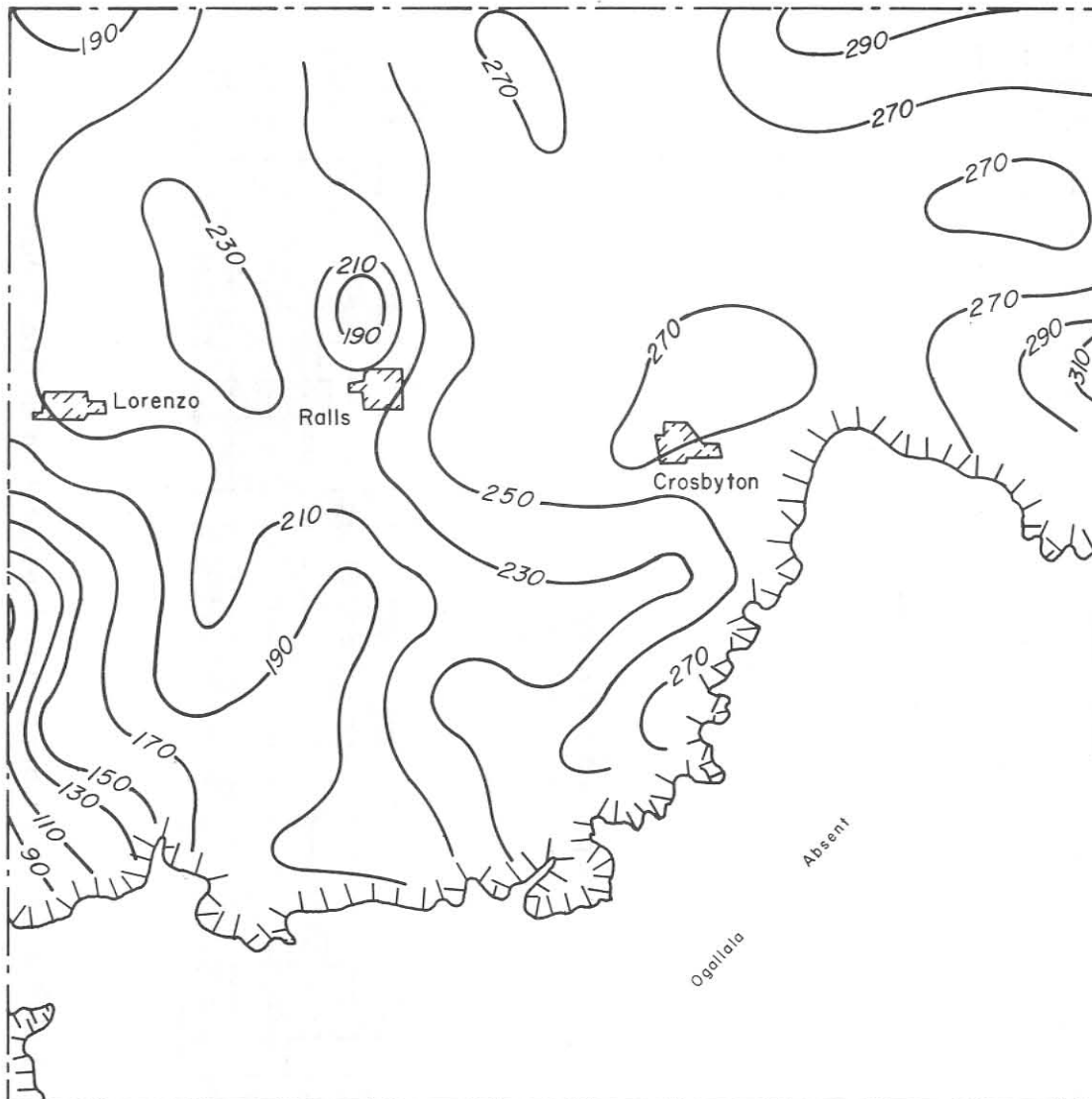
\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-74	225.52		6.09
				01-11-75	226.65Q	1.13	
				01-10-76	227.00	0.35	
				01-06-77	227.70	0.70	
23-31-201	136	490	2980.00	01-14-76	255.48		
				01-06-77	255.97	0.49	
23-31-402	136	320	3004.00	02-07-71	276.85		3.66
				01-17-73	273.19		
				01-08-74	277.95	4.76	
				01-11-75	278.92	0.97	
				01-10-76	279.64	0.72	
				01-06-77	279.30		0.34
23-37-201	136	254	3037.00	01-13-71	188.90		
				01-09-72	189.80	0.90	
				01-17-73	189.76		0.04
23-37-202	136	----	3038.00	01-10-76	188.13		
				01-06-77	188.57	0.44	
23-38-101	136	265	3019.00	01-13-71	193.05		
				01-09-72	193.44	0.39	
				01-17-73	193.60	0.16	
				01-08-74	194.04	0.44	
				01-10-75	194.20	0.16	
				01-10-76	194.44	0.24	
				01-06-77	195.26	0.82	
23-39-501	225	50	2460.00	01-15-76	33.09		
				01-06-77	5.94		27.15

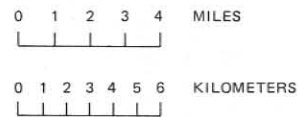
59 WELLS IN CROSBY COUNTY



Hydrograph of Selected Well in Crosby County and Precipitation at Crosbyton



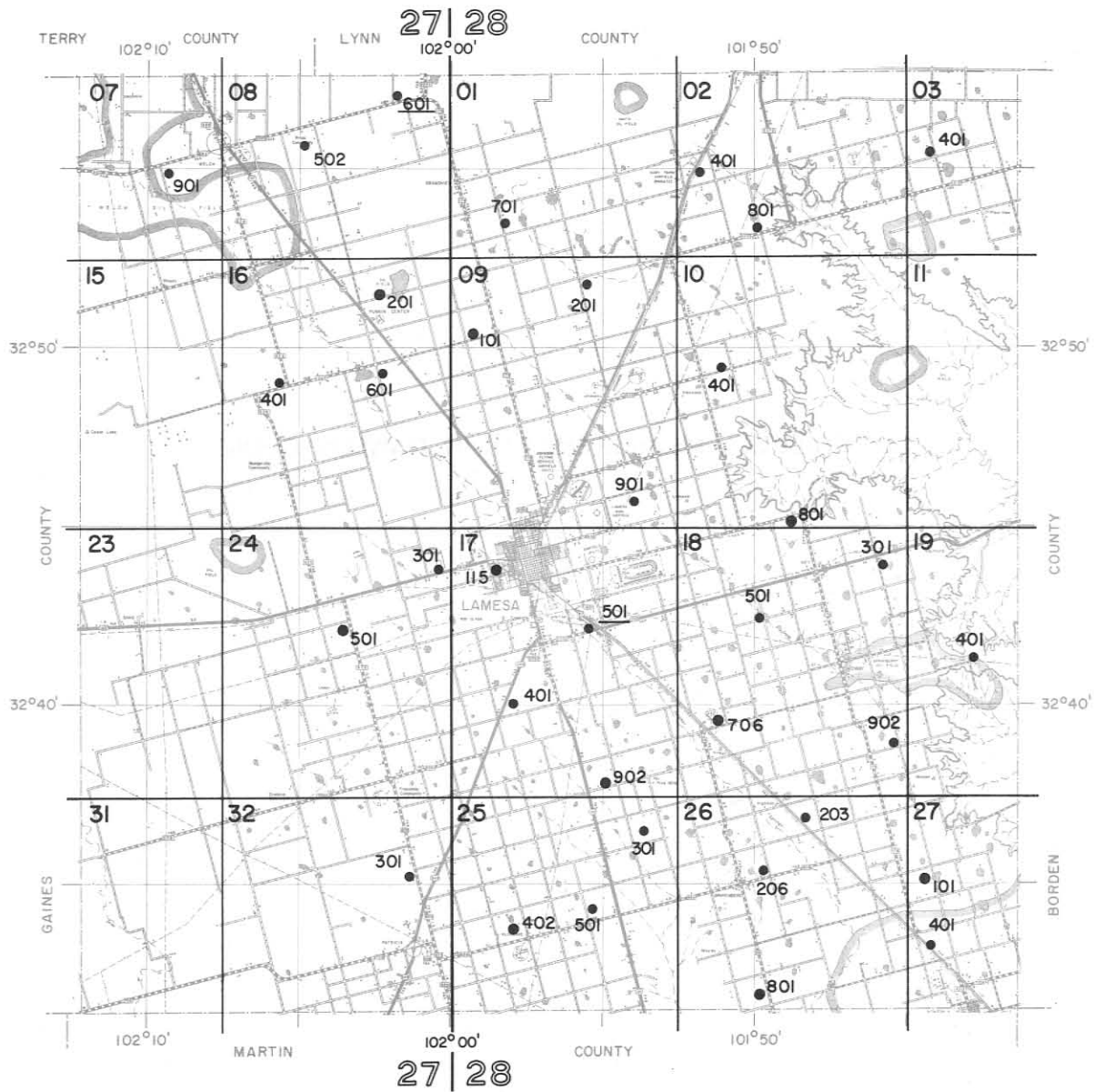
Contour Interval: 20 ft.



Approximate Depth to Water in the Ogallala Aquifer,  
1977 Crosby County



WATER-LEVEL MEASUREMENTS IN DAWSON COUNTY



0 1 2 3 4 MILES

0 1 2 3 4 5 6 KILOMETERS

### Location of Observation Wells in Dawson County

Base Map from Texas Department of Highways and Public Transportation

DAWSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
27-07-901	136	148	3109.00	12-13-70	82.32		
				01-08-72	86.14	3.82	
				01-20-73	86.84	0.70	
				01-12-74	80.09		6.75
				01-09-75	82.33	2.24	
				01-07-76	76.39		5.94
				01-12-77	73.67		2.72
27-08-502	136	120	3113.00	12-13-70	75.55		
				01-08-72	77.35	1.80	
				01-20-73	78.22	0.87	
				01-12-74	73.55		4.67
				01-09-75	74.16	0.61	
27-08-601	136	100	3077.00	12-12-70	41.40		
				01-08-72	42.89	1.49	
				01-12-74	37.44		5.45
				01-09-75	38.68	1.24	
				01-07-76	35.08		3.60
				01-12-77	34.45		0.63
27-16-201	136	----	3059.00	02-02-71	105.95		
				01-08-72	109.98	4.03	
				01-12-74	103.36		6.62
				01-09-75	107.98	4.62	
				01-07-76	102.41		5.57
				01-12-77	98.95		3.46
27-16-401	136	160	3066.00	12-12-70	99.10		
				01-08-72	98.84		0.26
				01-20-73	96.06		2.78
				01-12-74	97.23*	1.17	
				01-09-75	93.45		3.78
				01-07-76	89.82		3.63
				01-12-77	86.50		3.32
27-16-601	136	----	3049.00	12-12-70	115.10		
				01-08-72	116.61	1.51	
				01-20-73	116.00		0.61
				01-12-74	115.31		0.69
				01-09-75	117.00	1.69	

DAWSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-76	114.86		2.14
27-24-301	136	----	2986.00	12-12-70	93.60		
27-24-501	136	----	2977.00	02-02-71	65.33		
				01-08-72	64.12		1.21
				01-21-73	64.65	0.53	
				01-12-74	62.42		2.23
				01-09-75	63.24	0.82	
				01-07-76	61.37		1.87
				01-12-77	61.00		0.37
27-32-301	136	----	2941.00	12-13-70	93.30		
				01-08-72	92.31		0.99
				01-21-73	91.10		1.21
				01-12-74	89.17		1.93
				01-09-75	90.69	1.52	
				01-07-76	92.01	1.32	
				01-12-77	90.43		1.58
28-01-701	136	----	3052.00	12-12-70	36.40		
				01-08-72	36.08		0.32
				01-20-73	35.48		0.60
				01-12-74	32.47		3.01
				01-09-75	31.92		0.55
				01-07-76	29.28		2.64
				01-13-77	27.94		1.34
28-02-401	136	269	3020.00	12-13-70	39.55		
				01-07-72	38.41		1.14
				01-20-73	36.98		1.43
				01-12-74	35.60		1.38
				01-09-75	33.89		1.71
				01-06-76	32.26		1.63
				01-13-77	29.75		2.51
28-02-801	136	----	3005.00	12-12-70	35.00		
				01-07-72	35.49	0.49	
				01-20-73	33.13		2.36
				01-12-74	32.97		0.16
				01-09-75	33.67	0.70	
				01-06-76	31.98		1.69

DAWSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
28-03-401	136	----	3001.00	12-12-70	35.27*		
				01-07-72	33.42		1.85
				01-20-73	32.40		1.02
				01-12-74	28.99		3.41
				01-09-75	28.60		0.39
				01-06-76	26.16		2.44
				01-13-77	24.18		1.98
28-09-101	136	----	3051.00	02-02-71	138.38		
				01-08-72	139.33	0.95	
				01-20-73	138.96		0.37
				01-12-74	137.53		1.43
				01-09-75	137.36		0.17
				01-07-76	137.22		0.14
				01-13-77	140.56	3.34	
28-09-201	136	34	3000.00	12-13-70	21.80		
				01-08-72	21.61		0.19
				01-20-73	20.50		1.11
				01-12-74	21.23*	0.73	
				01-09-75	21.71	0.48	
				01-07-76	19.20		2.51
				01-13-77	18.78		0.42
28-09-901	136	150	2992.00	12-13-70	136.91		
				01-08-72	135.69		1.22
				01-21-73	135.97	0.28	
				01-12-74	137.02*	1.05	
				01-13-77	137.80	0.78	
28-10-401	136	177	2963.00	12-13-70	107.60		
				01-07-72	112.28	4.68	
				01-20-73	111.40		0.88
				01-12-74	110.13		1.27
				01-09-75	109.16		0.97
28-10-801	136	----	2943.00	02-02-71	141.80		
				01-07-72	143.52	1.72	
				01-20-73	141.00		2.52
				01-12-74	139.73		1.27
				01-10-75	145.62	5.89	
				01-06-76	142.59		3.03
				01-13-77	141.55		1.04

DAWSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
28-17-115	136	150	2963.00	01-16-76	70.72		
				01-13-77	66.76		3.96
28-17-401	136	----	2931.00	01-08-72	60.34		
				01-22-73	59.92		0.42
				01-12-74	56.95		2.97
				01-10-75	57.00	0.05	
				01-07-76	53.33		3.67
01-13-77	53.89	0.56					
28-17-501	136	200	2942.00	12-13-70	77.70		
				01-08-72	76.58		1.12
				01-21-73	77.14	0.56	
				01-13-74	72.65		4.49
				01-10-75	72.78	0.13	
				01-07-76	73.17	0.39	
01-13-77	68.24		4.93				
28-17-902	136	265	2903.00	02-02-71	85.75		
				01-08-72	75.84		9.91
				01-21-73	75.08		0.76
				01-12-74	73.17		1.91
				01-10-75	76.00	2.83	
				01-07-76	76.55	0.55	
01-12-77	75.30		1.25				
28-18-301	136	----	2934.00	12-13-70	173.18		
				01-07-72	174.71	1.53	
				01-22-73	174.69		0.02
				01-12-74	173.32		1.37
				01-10-75	175.11	1.79	
				01-06-76	178.58	3.47	
01-13-77	173.74		4.84				
28-18-501	136	160	2914.00	12-13-70	111.00		
				01-08-72	108.07		2.93
				01-22-73	108.41	0.34	
				01-13-74	105.97		2.44
				01-10-75	107.22	1.25	
				01-06-76	104.52		2.70
01-13-77	103.47		1.05				
28-18-601	136	174	2891.00	12-13-70	129.95		

DAWSON COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-72	130.71	0.76	
				01-22-73	130.43		0.28
				01-13-74	130.37		0.06
				01-10-75	131.12	0.75	
				01-06-76	127.83		3.29
28-18-706	136	----	2898.00	02-02-71	60.15		
				01-08-72	59.61		0.54
				01-22-73	59.81	0.20	
				01-13-74	60.25	0.44	
				01-10-75	60.02		0.23
				01-13-77	55.80		4.22
28-18-902	136	160	2880.00	12-13-70	123.40		
				01-08-72	126.98	3.58	
				01-22-73	126.47		0.51
				01-13-74	117.97		8.50
				01-06-76	117.69		0.28
28-19-401	136	200	2900.00	12-13-70	167.32		
				01-08-72	173.00	5.68	
				01-13-74	165.43		7.57
				01-10-75	168.43	3.00	
				01-06-76	165.19		3.24
				01-13-77	164.53		0.66
28-25-301	136	235	2884.00	01-08-72	111.69		
				01-21-73	110.44		1.25
				01-12-74	107.66		2.78
				01-10-75	97.01		10.65
				01-07-76	87.36		9.65
28-25-402	136	----	2898.00	02-02-71	214.62		
				01-08-72	220.09	5.47	
				01-12-74	217.32		2.77
				01-07-76	210.92		6.40
28-25-501	136	270	2893.00	12-13-70	166.70		
				01-12-74	163.61		3.09
				01-10-75	163.13Q		0.48
28-26-203	136	118	2878.00	12-13-70	92.90		
				01-09-72	93.90	1.00	

DAWSON COUNTY

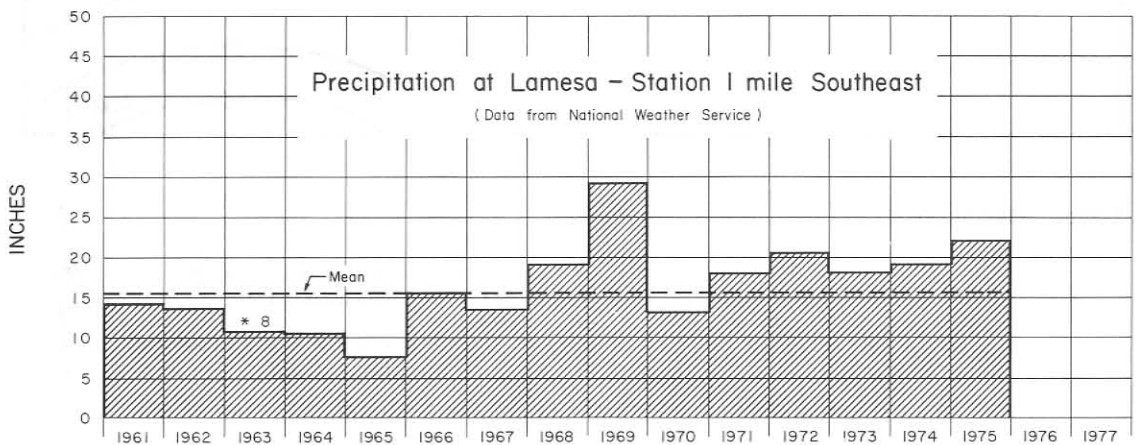
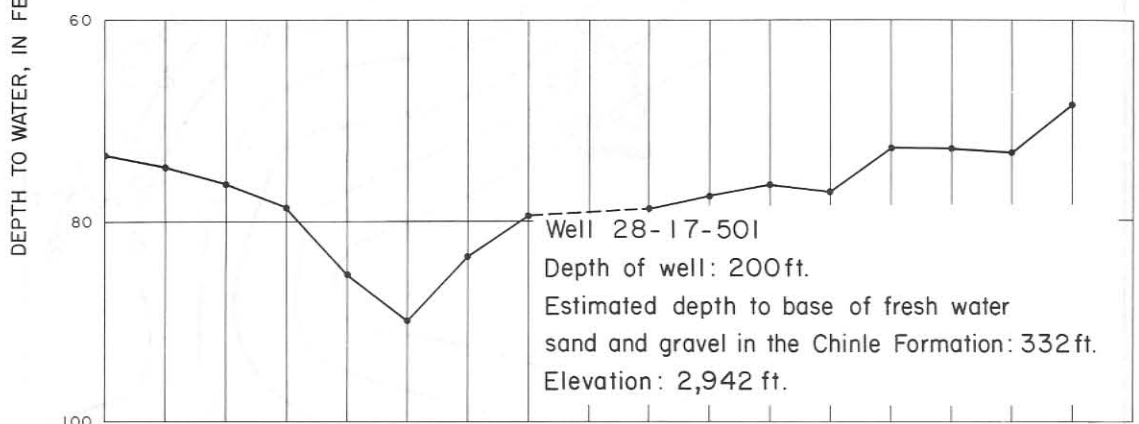
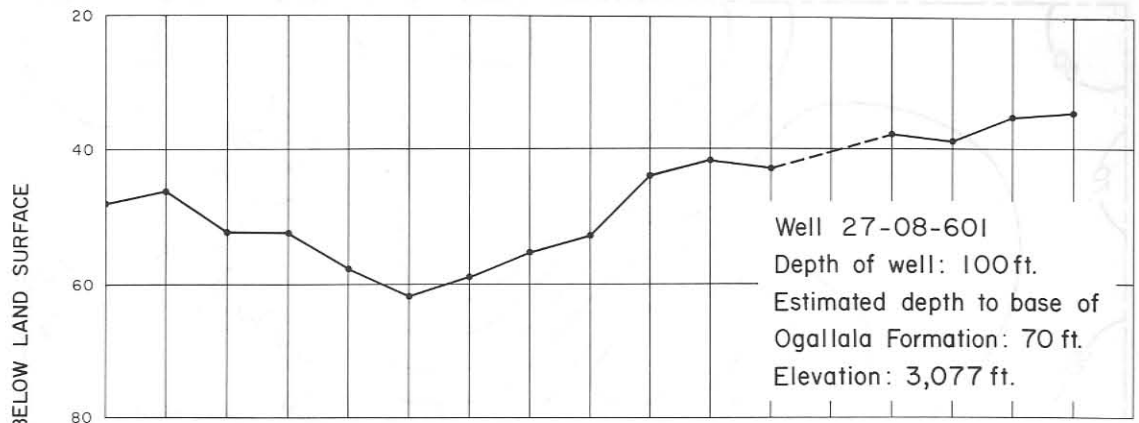
WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-22-73	93.18*		0.72
28-26-206	136	170	2872.00	12-13-70	111.25		
				01-09-72	119.42	8.17	
				01-13-74	117.13		2.29
				01-10-75	119.44	2.31	
				01-07-76	118.44		1.00
				01-13-77	115.18		3.26
28-26-801	136	----	2782.00	02-02-71	61.00		
				01-09-72	60.58		0.42
				01-21-73	59.87		0.71
				01-13-74	60.57	0.70	
				01-10-75	59.91		0.66
				01-07-76	60.41	0.50	
				01-13-77	59.82		0.59
28-27-101	136	----	2840.00	02-01-71	116.10		
				01-09-72	115.97		0.13
				01-22-73	115.71		0.26
				01-13-74	115.29		0.42
				03-10-75	114.08		1.21
				03-06-76	113.57		0.51
				01-13-77	112.24Q		1.33

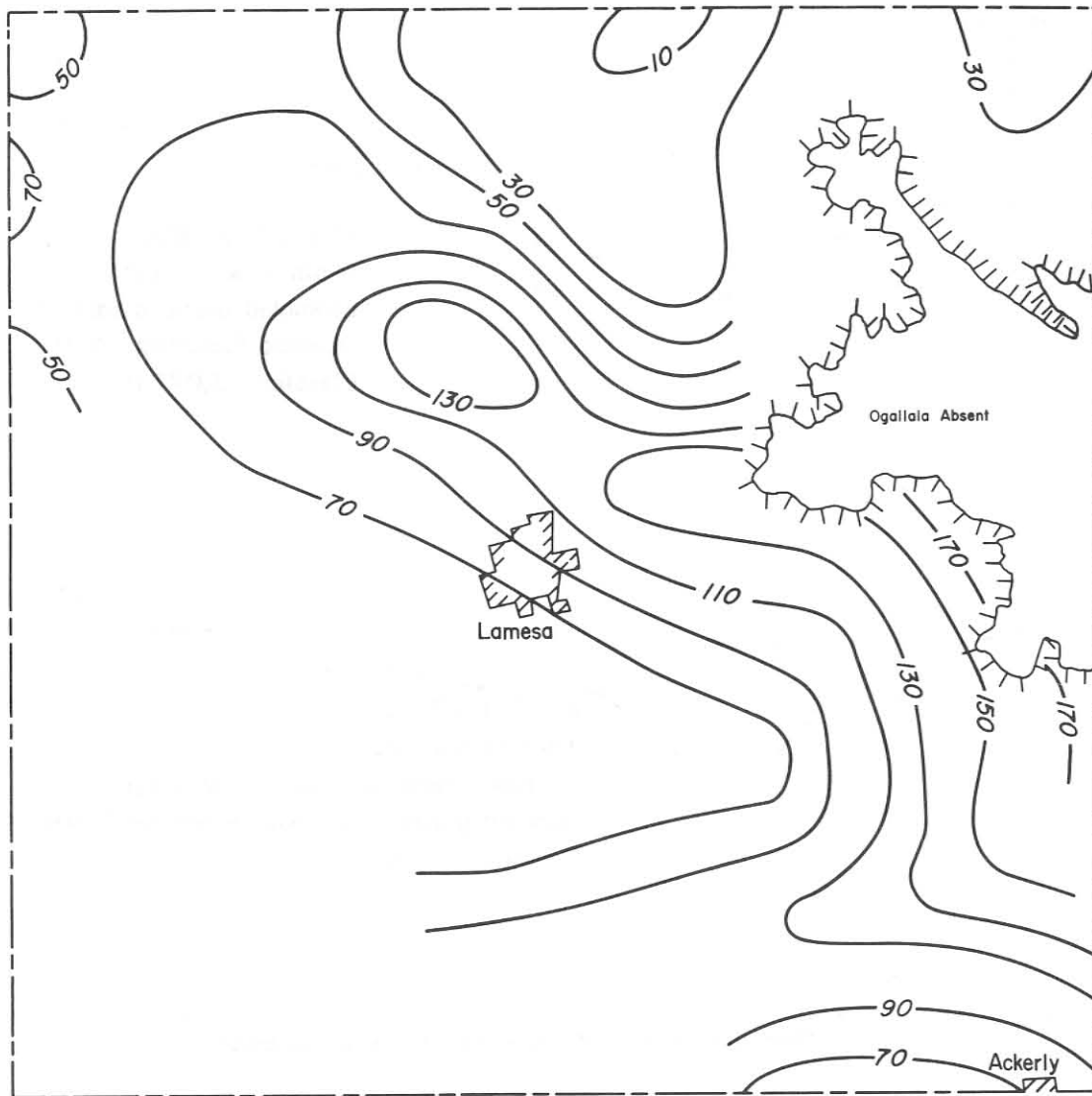
35 WELLS IN DAWSON COUNTY



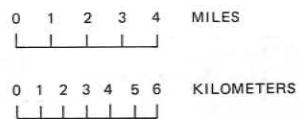


\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrographs of Selected Wells in Dawson County  
 and Precipitation at Lamesa

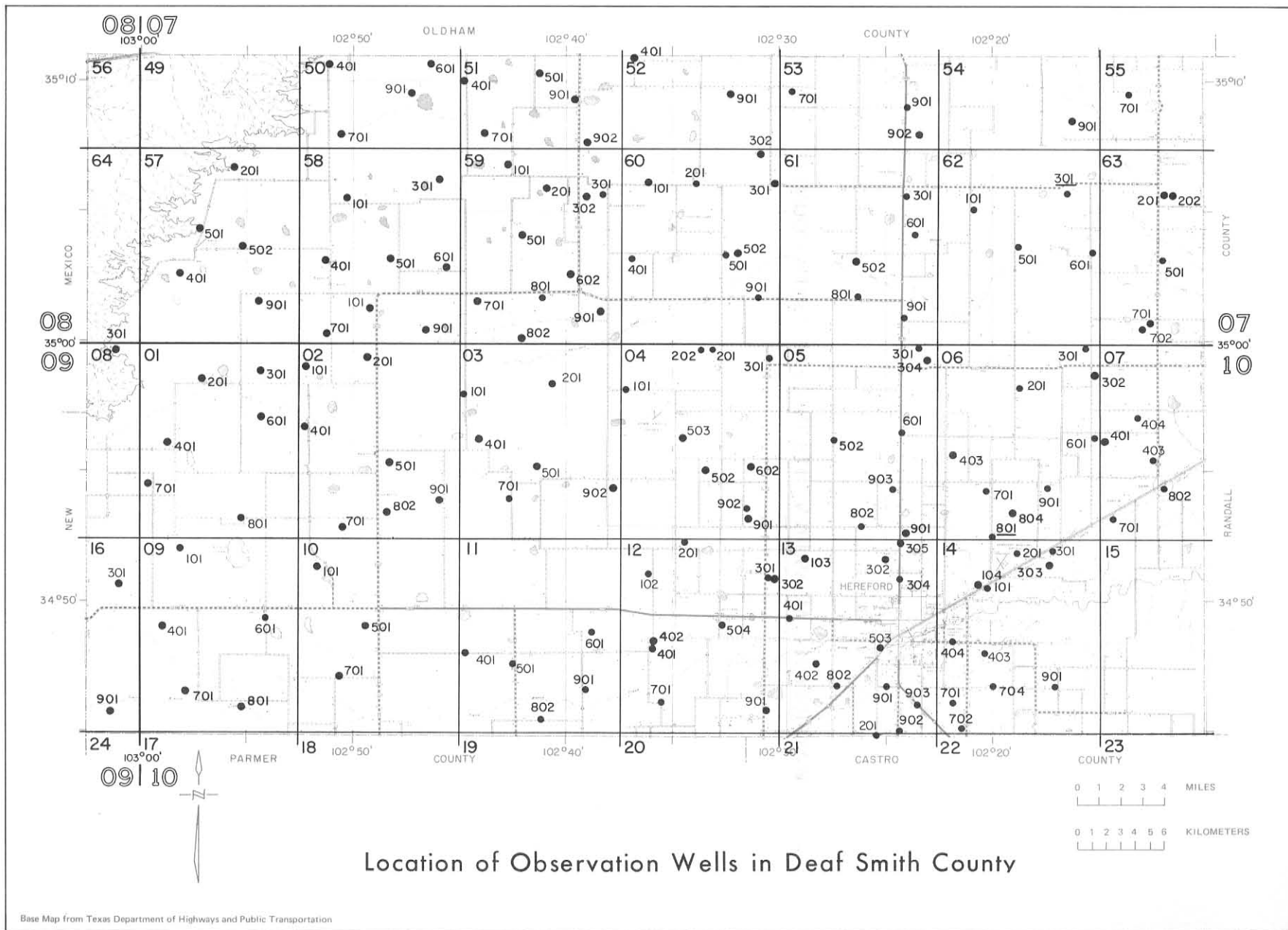


Contour Interval: 20ft.



Approximate Depth to Water in the Ogallala Aquifer,  
 1977 Dawson County

WATER-LEVEL MEASUREMENTS IN DEAF SMITH COUNTY



Location of Observation Wells in Deaf Smith County

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
07-50-401	136	185	4337.00	06-21-76	163.98		
				01-17-77	163.65		0.33
07-50-601	136	204	4240.00	10-04-74	164.92		
				01-30-75	169.18*	4.26	
				01-13-77	168.14		1.04
07-50-701	136	155	4226.00	06-21-76	130.94		
				01-17-77	131.98	1.04	
07-50-901	136	214	4185.00	06-01-76	163.85		
				01-13-77	165.04	1.19	
07-51-401	136	270	4199.00	07-07-76	250.02*		
				01-14-77	245.94		4.08
07-51-501	136	341	4177.00	06-01-76	278.42		
				01-14-77	278.55	0.13	
07-51-701	136	320	4155.00	07-07-76	252.06		
				01-14-77	252.00		0.06
07-51-901	136	366	4162.00	01-14-77	302.36		
07-51-902	136	394	4147.00	01-14-77	299.49		
07-52-401	136	285	4151.00	06-22-76	275.16		
				01-14-77	273.77		1.39
07-52-901	136	337	4088.00	01-14-77	254.09*		
07-53-701	136	335	4051.00	01-09-71	225.03		
				01-08-72	226.00	0.97	
				01-24-73	226.39	0.39	
				01-16-74	227.36	0.97	
				01-04-75	228.61	1.25	
				01-05-77	235.42	6.81	
07-53-901	136	332	4006.00	01-09-71	231.87Q		
				01-08-72	217.12		14.75
				01-24-73	228.77	11.65	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-16-74	237.57*	8.80	
07-53-902	136	451	3995.00	01-15-76	222.64		
				01-06-77	226.33Q	3.69	
07-54-901	136	281	3884.00	01-07-75	172.88		
07-55-701	136	340	3879.00	01-09-71	211.33		
				01-09-72	214.44	3.11	
				01-23-73	214.11		0.33
				01-21-74	215.89	1.78	
				01-07-75	219.42	3.53	
				01-15-76	222.78	3.36	
				01-07-77	226.56	3.78	
07-57-201	136	172	4320.00	06-21-76	146.49		
				01-18-77	147.74*	1.25	
07-57-401	136	215	4326.00	06-22-76	181.89		
				01-18-77	183.84*	1.95	
07-57-501	136	230	4307.00	06-21-76	200.93*		
				01-18-77	199.29*		1.64
07-57-502	136	284	4313.00	06-08-76	258.84		
				01-18-77	258.86	0.02	
07-57-901	136	300	4308.00	07-08-76	281.74		
				01-18-77	274.44		7.30
07-58-101	136	241	4229.00	06-21-76	232.45		
				01-17-77	225.40		7.05
07-58-301	136	280	4190.00	06-03-76	261.12		
				01-17-77	261.17	0.05	
07-58-401	136	278	4247.00	06-08-76	248.47		
				01-18-77	248.16		0.31
07-58-501	136	309	4243.00	06-03-76	284.89		
07-58-601	136	368	4236.00	06-29-76	310.54		
				01-17-77	310.60	0.06	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
07-58-701	136	320	4262.00	07-08-76	267.10		
				01-18-77	267.09		0.01
07-58-801	136	265	4228.00	01-11-71	247.56		
				01-08-72	248.06	0.50	
				01-24-73	248.70	0.64	
				01-14-74	246.89		1.81
				01-04-75	246.86		0.03
				01-15-76	247.01	0.15	
07-58-901	136	275	4168.00	07-29-76	223.70		
				01-19-77	223.75	0.05	
07-59-101	136	334	4159.00	01-14-77	281.46		
07-59-201	136	419	4148.00	01-14-77	300.88		
07-59-301	136	----	4167.00	01-10-71	313.32		
				01-08-72	325.67	12.35	
				01-24-73	317.62		8.05
				01-14-74	319.59	1.97	
				01-04-75	322.21	2.62	
				01-15-76	324.22	2.01	
07-59-302	136	430	4164.00	01-17-77	318.78		
				01-05-77	326.47	2.25	
07-59-501	136	381	4177.00	01-17-77	300.58		
07-59-602	136	377	4157.00	01-24-73	313.07		
				01-04-75	317.77	4.70	
				01-15-76	323.03*	5.26	
				01-05-77	323.43	0.40	
				01-17-77	322.68		0.75
07-59-701	136	355	4186.00	01-17-77	275.04		
07-59-801	136	330	4132.00	01-10-71	266.79		
				01-08-72	267.10	0.31	
				01-22-73	267.91	0.81	
				01-04-75	269.97	2.06	
				01-15-76	270.90	0.93	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-05-77	272.76	1.86	
07-59-802	136	340	4128.00	01-17-77	250.08		
07-59-901	136	355	4106.00	07-16-76	264.38*		
07-60-101	136	420	4150.00	01-17-77	337.11		
07-60-201	136	380	4115.00	01-09-71	285.23		
				01-08-72	286.57	1.34	
				01-24-73	289.09	2.52	
				01-14-74	293.09	4.00	
				01-04-75	293.64	0.55	
				01-15-76	296.14	2.50	
				01-05-77	296.29	0.15	
07-60-301	136	346	4064.00	01-09-71	259.49		
				01-08-72	264.09	4.60	
				01-24-73	268.00	3.91	
				01-14-74	263.50		4.50
				01-04-75	276.08	12.58	
				01-15-76	279.15	3.07	
				01-05-77	282.80	3.65	
07-60-302	136	367	4066.00	01-14-77	277.50		
07-60-401	136	354	4128.00	01-10-71	288.25		
				01-10-72	289.50	1.25	
				01-24-73	291.11	1.61	
				01-14-74	294.82	3.71	
				01-04-75	295.44	0.62	
				01-15-76	296.89	1.45	
				01-05-77	299.64	2.75	
07-60-501	136	----	4063.00	01-10-71	249.41		
				01-08-72	252.05	2.64	
				01-24-73	254.38	2.33	
				01-14-74	262.91*	8.53	
07-60-502	136	348	4053.00	01-04-75	243.71		
				01-15-76	246.53	2.82	
				01-05-77	250.36	3.83	



DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
07-60-901	136	----	4033.00	01-10-71	208.54		
				01-25-72	210.82	2.28	
				01-24-73	212.60	1.78	
				01-14-74	214.88	2.28	
				01-04-75	220.14*	5.26	
				01-15-76	222.00	1.86	
07-61-301	136	260	3983.00	01-08-72	215.80		
				01-24-73	216.14	0.34	
				01-17-74	215.43		0.71
				01-04-75	214.56		0.87
				01-15-76	216.65	2.09	
				01-06-77	218.26	1.61	
07-61-502	136	334	3982.00	01-09-71	189.15		
				01-08-72	191.59	2.44	
				01-24-73	197.11*	5.52	
				01-16-74	200.68	3.57	
				01-04-75	206.15	5.47	
				01-15-76	209.79	3.64	
07-61-601	136	285	3964.00	01-09-71	187.22		
				01-08-72	190.00	2.78	
				01-24-73	193.33	3.33	
				01-17-74	195.50	2.17	
				01-04-75	197.24	1.74	
				01-15-76	202.11	4.87	
07-61-801	136	----	3976.00	01-10-71	186.38Q		
				01-08-72	187.44	1.06	
				01-22-73	189.83	2.39	
				01-16-74	193.05	3.22	
				01-04-75	197.80	4.75	
				01-15-76	198.24	0.44	
07-61-901	136	350	3932.00	01-10-71	163.14		
				01-08-72	164.89	1.75	
				01-22-73	167.03	2.14	
				01-17-74	169.88	2.85	
				01-05-75	173.62	3.74	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-15-76	177.83	4.21	
				01-05-77	180.69	2.86	
07-62-101	136	298	3936.00	01-09-71	203.67		
				01-08-72	208.36	4.69	
				01-24-73	213.22*	4.86	
				01-17-74	215.67	2.45	
				01-15-76	223.18	7.51	
				01-06-77	224.13	0.95	
07-62-301	136	230	3895.00	01-09-71	176.07		
				01-09-72	178.40	2.33	
				01-23-73	180.03	1.63	
				01-21-74	185.54	5.51	
				01-07-75	183.14		2.40
				01-15-76	186.95	3.81	
				01-07-77	187.23	0.28	
07-62-501	136	----	3907.00	01-09-71	159.38		
				01-08-72	161.65	2.27	
				01-23-73	166.90	5.25	
				01-21-74	172.60	5.70	
				01-15-76	179.00	6.40	
				01-06-77	182.24	3.24	
07-62-601	136	253	3857.00	01-12-71	181.45		
				01-09-72	183.70	2.25	
				01-23-73	183.03		0.67
				01-21-74	186.08	3.05	
				01-07-75	188.08	2.00	
				01-16-76	196.70	8.62	
				01-07-77	199.43	2.73	
07-63-201	136	----	3841.00	01-09-71	186.56		
07-63-202	136	290	3841.00	09-06-72	197.60		
				01-23-73	186.92		10.68
				01-21-74	185.13		1.79
				01-07-75	186.66	1.53	
				01-16-76	198.03*	11.37	
07-63-501	136	200	3818.00	01-12-71	121.29		
				01-09-72	124.10	2.81	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-23-73	124.26	0.16	
				01-21-74	127.56	3.30	
				01-07-75	128.20	0.64	
				01-16-76	132.00	3.80	
				01-07-77	134.38	2.38	
07-63-701	136	167	3822.00	01-12-71	154.28		
				01-09-72	155.04	0.76	
07-63-702	136	310	3821.00	08-10-72	155.80		
				01-23-73	152.26		3.54
				01-21-74	155.05	2.79	
				01-07-75	156.06	1.01	
				01-16-76	158.57	2.51	
				01-07-77	161.45	2.88	
09-08-301	160	200	4432.00	06-22-76	145.73		
				01-18-77	145.59		0.14
09-16-301	136	197	4411.00	06-18-76	153.59		
09-16-901	136	180	4268.00	07-15-76	120.46		
				01-27-77	120.89	0.43	
10-01-201	136	215	4283.00	06-22-76	184.37		
				01-26-77	188.58	4.21	
10-01-301	136	300	4292.00	06-22-76	270.07*		
				01-26-77	263.02		7.05
10-01-401	136	172	4321.00	06-18-76	154.79		
				01-26-77	155.59	0.80	
10-01-601	136	260	4275.00	06-22-76	226.38*		
10-01-701	136	155	4331.00	07-07-76	139.69*		
10-01-801	136	120	4244.00	07-14-76	106.53		
10-02-101	136	250	4237.00	06-09-76	231.15		
10-02-201	136	292	4222.00	07-29-76	255.19		
				01-26-77	255.14		0.05

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-02-401	136	221	4230.00	07-16-76	204.39		
				01-26-77	204.30		0.09
10-02-501	136	335	4252.00	06-16-76	293.85		
				01-26-77	297.05*	3.20	
10-02-701	136	270	4238.00	06-09-76	237.38		
10-02-802	136	269	4200.00	07-12-76	249.68		
10-02-901	136	306	4207.00	07-14-76	274.12		
				01-26-77	274.02		0.10
10-03-101	136	380	4205.00	01-11-71	299.94		
				01-09-72	306.99	7.05	
				01-15-74	300.72		6.27
				01-04-75	301.54	0.82	
				01-15-76	305.39	3.85	
01-04-77	305.72*	0.33					
10-03-201	136	396	4140.00	02-09-77	288.81		
10-03-401	136	400	4194.00	01-26-77	285.19		
10-03-501	136	302	4153.00	02-09-77	258.74		
10-03-701	136	275	4142.00	01-09-72	229.00*		
				01-24-73	222.36		6.64
				01-15-74	222.50	0.14	
				01-04-75	222.71	0.21	
				01-15-76	222.86	0.15	
01-04-77	224.49*	1.63					
10-03-902	136	330	4077.00	01-11-71	246.69		
				01-09-72	249.64	2.95	
				01-22-73	253.03	3.39	
				01-15-74	258.66	5.63	
				01-04-75	262.54	3.88	
01-15-76	266.71	4.17					
10-04-101	136	403	4139.00	01-11-71	311.30		
				01-09-72	318.99	7.69	
				01-24-73	319.34	0.35	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-15-74	323.03	3.69	
				01-05-75	328.19	5.16	
				01-15-76	330.87	2.68	
				01-06-77	334.25	3.38	
10-04-201	136	----	4076.00	01-10-71	274.50		
				01-09-72	270.67		3.83
				01-22-73	279.46	8.79	
				01-15-74	281.98	2.52	
10-04-202	136	373	4076.00	01-05-75	284.72		
				01-15-76	287.12	2.40	
				01-06-77	294.09	6.97	
10-04-301	136	385	4053.00	01-10-71	271.80		
				01-09-72	275.40	3.60	
				01-22-73	278.13	2.73	
				01-16-74	281.06*	2.93	
				01-06-77	289.19Q	8.13	
10-04-502	136	366	4045.00	01-09-72	235.22		
10-04-503	136	420	4090.00	01-15-76	315.60		
				01-04-77	323.93	8.33	
10-04-602	136	318	3994.00	01-11-71	233.35		
				01-09-72	235.70	2.35	
				01-22-73	238.06	2.36	
				01-15-74	238.82	0.76	
				01-04-75	245.64	6.82	
10-04-901	136	321	3946.00	01-05-75	194.52		
				01-15-76	204.62	10.10	
				01-04-77	213.27	8.65	
10-04-902	136	285	3949.00	01-11-71	180.62		
				01-09-72	184.36	3.74	
				01-22-73	185.92	1.56	
				01-15-74	192.37*	6.45	
10-05-301	136	----	3908.00	01-10-71	156.22		
				01-09-72	161.25	5.03	
				01-22-73	161.73	0.48	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-17-74	163.59	1.86	
				01-05-75	167.80	4.21	
10-05-304	136	402	3904.00	01-15-76	170.11		
				01-05-77	172.72	2.61	
10-05-502	136	330	3928.00	01-26-71	175.34		
				01-10-72	183.32	7.98	
				01-22-73	177.98		5.34
				01-17-74	183.92	5.94	
				01-04-75	189.42	5.50	
				01-15-76	196.99	7.57	
				01-04-77	201.52	4.53	
10-05-601	136	173	3882.00	01-10-71	141.53		
				01-22-73	143.87	2.34	
				01-17-74	146.55	2.68	
				01-05-75	150.87	4.32	
				01-15-76	154.49	3.62	
				01-05-77	158.79	4.30	
10-05-802	136	354	3869.00	01-10-71	148.86		
				01-10-72	147.83		1.03
				01-22-73	149.42	1.59	
				01-17-74	154.46Q	5.04	
				01-07-75	157.32	2.86	
				01-15-76	164.01*	6.69	
				01-04-77	172.52Q	8.51	
10-05-903	136	400	3866.00	01-10-71	159.71		
				01-10-72	162.10	2.39	
				01-22-73	162.98	0.88	
				01-17-74	165.95	2.97	
				01-05-75	171.59	5.64	
				01-15-76	176.48	4.89	
				01-04-77	184.86*	8.38	
10-06-201	136	303	3856.00	01-12-71	148.05		
				01-09-72	149.28	1.23	
				01-22-73	150.50	1.22	
				01-07-75	157.18	6.68	
				01-14-76	161.98	4.80	
				01-06-77	168.07*	6.09	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-06-301	136	----	3851.00	01-12-71	170.15		
				01-09-72	170.50	0.35	
				01-24-73	172.93	2.43	
				01-07-75	183.94	11.01	
10-06-302	136	282	3834.00	02-08-77	167.14		
10-06-403	136	385	3849.00	09-11-72	171.98		
				01-22-73	166.19		5.79
				01-18-74	167.84	1.65	
				01-07-75	173.15	5.31	
				01-14-76	177.34	4.19	
01-06-77	181.13	3.79					
10-06-601	136	160	3812.00	01-12-71	156.26		
10-06-701	136	----	3789.00	01-07-71	81.55		
				01-11-72	77.95		3.60
				01-23-73	84.65	6.70	
				01-18-74	86.16*	1.51	
				01-06-75	85.69		0.47
01-06-77	87.21Q	1.52					
10-06-801	136	100	3792.00	01-07-71	78.06		
				01-11-72	77.90		0.16
				01-24-73	78.20	0.30	
				01-18-74	78.59	0.39	
				01-07-75	78.92	0.33	
				01-14-76	79.53	0.61	
01-07-77	79.89	0.36					
10-06-804	225	807	3784.00	01-11-72	489.08Q		
10-06-901	136	----	3792.00	01-07-71	137.70		
				01-11-72	140.26	2.56	
				01-23-73	142.65	2.39	
				01-18-74	146.04	3.39	
				01-08-75	146.60	0.56	
				01-14-76	149.65	3.05	
01-07-77	153.11	3.46					
10-07-401	136	281	3810.00	08-08-72	165.09		
				01-23-73	158.09		7.00

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-21-74	161.64	3.55	
				01-07-75	168.72	7.08	
				01-14-76	175.21	6.49	
				01-07-77	179.78	4.57	
10-07-403	136	290	3793.00	01-12-71	137.13		
				01-11-72	140.81	3.68	
				01-23-73	143.43	2.62	
				01-07-75	150.54	7.11	
				01-14-76	154.91	4.37	
				01-07-77	156.43	1.52	
10-07-404	136	285	3805.00	01-12-71	147.89		
				01-11-72	148.73	0.84	
				01-23-73	150.71	1.98	
				01-21-74	152.79	2.08	
				01-07-75	155.96	3.17	
				01-14-76	159.55	3.59	
				01-07-77	163.86	4.31	
10-07-701	136	180	3776.00	01-07-71	121.50		
				01-11-72	126.73	5.23	
				01-24-73	128.39	1.66	
				01-21-74	123.30		5.09
				01-07-75	128.56	5.26	
				01-14-76	127.15		1.41
				01-07-77	134.55	7.40	
10-07-802	136	210	3801.00	01-25-71	145.90*		
				01-11-72	142.48*		3.42
				01-23-73	143.98	1.50	
				01-21-74	144.74	0.76	
				01-07-75	144.14		0.60
10-09-101	136	175	4382.00	06-18-76	109.94		
				01-26-77	110.59*	0.65	
10-09-401	136	125	4340.00	06-23-76	106.14		
				01-27-77	106.07		0.07
10-09-601	136	80	4204.00	01-08-71	58.85		
				01-09-72	61.36	2.51	
				01-22-73	58.67		2.69



DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-74	58.58		0.09
				01-06-75	57.94		0.64
				01-15-76	58.55	0.61	
				01-04-77	59.94	1.39	
10-09-701	136	180	4291.00	07-15-76	135.37		
				01-26-77	135.45	0.08	
10-09-801	136	68	4208.00	06-11-76	54.00		
				01-27-77	53.96		0.04
10-10-101	136	163	4190.00	07-08-76	151.36		
				01-27-77	151.17		0.19
10-10-501	136	167	4139.00	06-23-76	141.15		
				01-27-77	140.28		0.87
10-10-701	136	200	4106.00	09-06-72	164.34		
				01-22-73	162.87		1.47
				01-14-74	162.63		0.24
				01-06-75	162.02		0.61
				01-15-76	161.85		0.17
				01-04-77	162.34	0.49	
10-11-401	136	240	4060.00	09-06-72	190.19		
				01-22-73	186.17		4.02
				01-15-74	186.15		0.02
				01-06-75	187.47	1.32	
				01-15-76	188.16	0.69	
				01-04-77	191.83	3.67	
10-11-501	136	264	4037.00	01-08-71	187.02		
				01-10-72	188.94	1.92	
				01-22-73	191.10	2.16	
				01-16-74	194.14	3.04	
				01-06-75	193.76		0.38
				01-15-76	195.94	2.18	
				01-04-77	195.60		0.34
10-11-601	136	185	3995.00	01-08-71	167.89		
				01-10-72	163.56		4.33
				01-22-73	164.66	1.10	
				01-06-75	164.70	0.04	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-15-76	165.13	0.43	
				01-04-77	172.78*	7.65	
10-11-802	136	306	4024.00	01-08-71	200.95		
				01-10-72	204.45	3.50	
				01-22-73	206.27	1.82	
				01-16-74	210.03	3.76	
				01-06-75	215.38	5.35	
				01-15-76	220.22	4.84	
				01-04-77	228.12*	7.90	
10-11-901	136	240	3989.00	01-08-71	168.84		
				01-10-72	169.79	0.95	
				01-22-73	174.00	4.21	
				01-16-74	179.50	5.50	
				01-06-75	180.68	1.18	
				01-15-76	184.35	3.67	
				01-04-77	189.36*	5.01	
10-12-102	136	----	3963.00	01-08-71	160.37		
				01-10-72	158.96		1.41
				01-22-73	159.21	0.25	
				01-16-74	159.47	0.26	
				01-06-75	159.53	0.06	
				01-15-76	160.32*	0.79	
				01-06-77	161.64	1.32	
10-12-201	136	----	3922.00	01-08-71	70.23		
				01-10-72	71.52	1.29	
				01-22-73	70.87		0.65
				01-15-74	68.12		2.75
				01-06-75	66.92		1.20
				01-15-76	69.95	3.03	
				01-06-77	70.37	0.42	
10-12-301	136	210	3902.00	01-12-71	161.90Q		
10-12-302	136	328	3899.00	01-26-72	166.45		
				01-22-73	168.29	1.84	
				01-06-75	177.83	9.54	
				01-15-76	181.79	3.96	
				01-06-77	187.39*	5.60	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-12-401	136	212	3949.00	01-08-71	198.01Q		
				01-10-72	204.84	6.83	
10-12-402	136	271	3948.00	09-06-72	209.22		
				01-22-73	207.22		2.00
				01-16-74	210.58	3.36	
				01-06-75	215.35	4.77	
				01-16-76	222.06	6.71	
				01-04-77	222.21	0.15	
10-12-504	136	312	3932.00	01-08-71	196.73		
				01-10-72	200.90	4.17	
				01-22-73	202.72	1.82	
				01-16-74	206.67	3.95	
				01-06-75	211.75	5.08	
				01-15-76	217.67*	5.92	
10-12-701	136	----	3945.00	01-08-71	159.38		
				01-22-73	162.87	3.49	
				01-06-75	176.89	14.02	
				01-04-77	197.29	20.40	
10-12-901	136	----	3906.00	01-12-71	147.72		
				01-10-72	153.14	5.42	
				01-22-73	156.77	3.63	
				01-06-75	164.78	8.01	
				01-16-76	168.32	3.54	
10-13-103	136	352	3898.00	01-06-77	172.71	4.39	
				01-12-71	179.19		
				01-10-72	183.78	4.59	
				01-22-73	182.19		1.59
				01-17-74	185.88*	3.69	
				01-07-75	192.85	6.97	
10-13-302	136	210	3837.00	01-15-76	199.01	6.16	
				01-04-77	205.23	6.22	
				01-07-71	141.58*		
				01-10-72	139.98		1.60
				01-23-73	148.27	8.29	
	01-05-75	157.20	8.93				
	01-15-76	161.52	4.32				

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-04-77	166.98	5.46	
10-13-304	136	348	3833.00	01-07-71	150.72		
				01-10-72	153.25	2.53	
				01-23-73	153.07		0.18
				01-17-74	163.84*	10.77	
				01-05-75	168.91	5.07	
				01-15-76	173.57	4.66	
				01-04-77	177.09	3.52	
10-13-305	136	----	3834.00	01-07-71	134.20		
				01-10-72	135.63	1.43	
				01-23-73	140.58*	4.95	
				01-17-74	146.52	5.94	
				01-04-75	157.46Q	10.94	
				01-15-76	164.01	6.55	
				01-04-77	171.95	7.94	
10-13-401	136	326	3884.00	01-12-71	148.19Q		
				01-10-72	156.87	8.68	
				01-22-73	158.17	1.30	
				01-17-74	158.56	0.39	
				01-06-75	166.22	7.66	
				01-15-76	170.62	4.40	
				01-06-77	176.98	6.36	
10-13-402	136	164	3880.00	04-22-70	120.94		
				06-09-70	121.39	0.45	
				08-17-70	122.14	0.75	
				10-12-70	122.93	0.79	
				12-14-70	123.52	0.59	
				02-11-71	123.91	0.39	
				04-27-71	124.14	0.23	
				06-15-71	124.36	0.22	
				08-10-71	125.14	0.78	
				10-05-71	125.95	0.81	
				12-12-71	126.30	0.35	
				01-10-72	126.29		0.01
				02-12-72	126.34	0.05	
				04-16-72	126.67	0.33	
				06-07-72	127.06	0.39	
				08-15-72	127.78	0.72	
				10-17-72	128.52	0.74	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-06-72	128.99	0.47	
				02-08-73	129.47	0.48	
				03-29-73	129.70	0.23	
				06-14-73	130.22	0.52	
				08-08-73	131.04	0.82	
				10-09-73	131.91	0.87	
				01-18-74	132.55	0.64	
				02-19-74	133.00	0.45	
				04-17-74	133.82	0.82	
				07-23-74	137.12	3.30	
				10-17-74	139.66	2.54	
				12-18-74	139.56		0.10
				01-08-75	139.75	0.19	
				02-20-75	139.24		0.51
				04-17-75	140.74	1.50	
				06-18-75	142.16	1.42	
				08-21-75	144.11	1.95	
				10-16-75	145.68	1.57	
				12-16-75	146.16	0.48	
				01-15-76	146.02		0.14
				02-24-76	145.93		0.09
				05-13-76	147.50	1.57	
				08-24-76	150.36	2.86	
				11-22-76	150.79	0.43	
				01-06-77	150.67		0.12
				02-24-77	151.63	0.96	
10-13-503	225	955	3797.00	04-23-70	467.95		
				01-12-71	476.250	8.30	
10-13-802	136	----	3869.00	01-12-71	144.13		
				01-10-72	146.80	2.67	
				01-22-73	151.52	4.72	
				01-18-74	154.42	2.90	
				01-06-75	159.16	4.74	
				01-14-76	164.53	5.37	
				01-06-77	168.54	4.01	
10-13-901	136	----	3855.00	01-05-71	147.99		
				01-10-72	151.32	3.33	
				01-22-73	152.94	1.62	
				01-18-74	154.26	1.32	
				01-08-75	158.26	4.00	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-76	159.76	1.50	
10-13-902	136	----	3861.00	01-05-71	159.48Q		
				01-10-72	164.39	4.91	
10-13-903	136	----	3850.00	01-05-71	162.46		
				01-10-72	165.08	2.62	
				01-23-73	168.51	3.43	
				01-18-74	166.92		1.59
				01-08-75	179.89	12.97	
				01-14-76	182.38	2.49	
				01-03-77	186.76	4.38	
10-14-101	136	120	3780.00	01-06-71	75.60		
				01-11-72	82.95*	7.35	
				01-23-73	74.68		8.27
10-14-104	136	203	3783.00	06-04-74	81.09		
				01-07-75	81.24	0.15	
				01-14-76	81.82	0.58	
				01-07-77	81.74		0.08
10-14-201	136	----	3782.00	01-06-71	113.47		
				01-11-72	110.63		2.84
				01-23-73	110.21		0.42
				01-18-74	119.59	9.38	
				01-07-75	124.29	4.70	
				01-14-76	125.38	1.09	
10-14-301	136	105	3765.00	01-07-71	79.10		
				01-11-72	78.77		0.33
				01-23-73	79.27	0.50	
				01-18-74	81.88	2.61	
				01-07-75	79.57		2.31
10-14-303	136	145	3764.00	05-02-75	77.90		
				01-14-76	77.55		0.35
				01-07-77	79.97	2.42	
10-14-403	136	----	3801.00	01-06-71	122.18		
				01-11-72	122.86	0.68	
				01-23-73	124.62	1.76	
				01-18-74	126.10	1.48	

DEAF SMITH COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-75	127.34	1.24	
				01-14-76	128.87	1.53	
				01-03-77	133.21*	4.34	
10-14-404	136	289	3801.00	01-05-71	128.89		
				01-11-72	130.97	2.08	
				01-23-73	132.52	1.55	
				01-18-74	136.90	4.38	
				01-08-75	142.99	6.09	
				01-14-76	145.47	2.48	
				01-03-77	149.02	3.55	
10-14-701	136	260	3853.00	01-05-71	172.62		
				01-10-72	175.48	2.86	
				01-22-73	176.23	0.75	
				01-18-74	177.99	1.76	
				01-08-75	181.75	3.76	
				01-14-76	182.65	0.90	
				01-03-77	185.02	2.37	
10-14-702	136	----	3856.00	01-05-71	173.78		
				01-10-72	172.89		0.89
				01-22-73	175.22	2.33	
				01-18-74	180.23	5.01	
				01-08-75	184.29	4.06	
				01-14-76	184.55	0.26	
				01-03-77	188.04	3.49	
10-14-704	136	----	3841.00	01-05-71	143.10		
				01-10-72	145.90	2.80	
				01-22-73	147.81	1.91	
				01-18-74	148.93	1.12	
				01-08-75	152.55	3.62	
				01-14-76	151.68		0.87
10-14-901	136	----	3838.00	01-06-71	111.88		
				01-10-72	109.62		2.26
				01-22-73	110.61	0.99	
				01-18-74	113.75	3.14	
				01-08-75	111.29		2.46
				01-14-76	112.39	1.10	
				01-03-77	112.59	0.20	

DEAF SMITH COUNTY

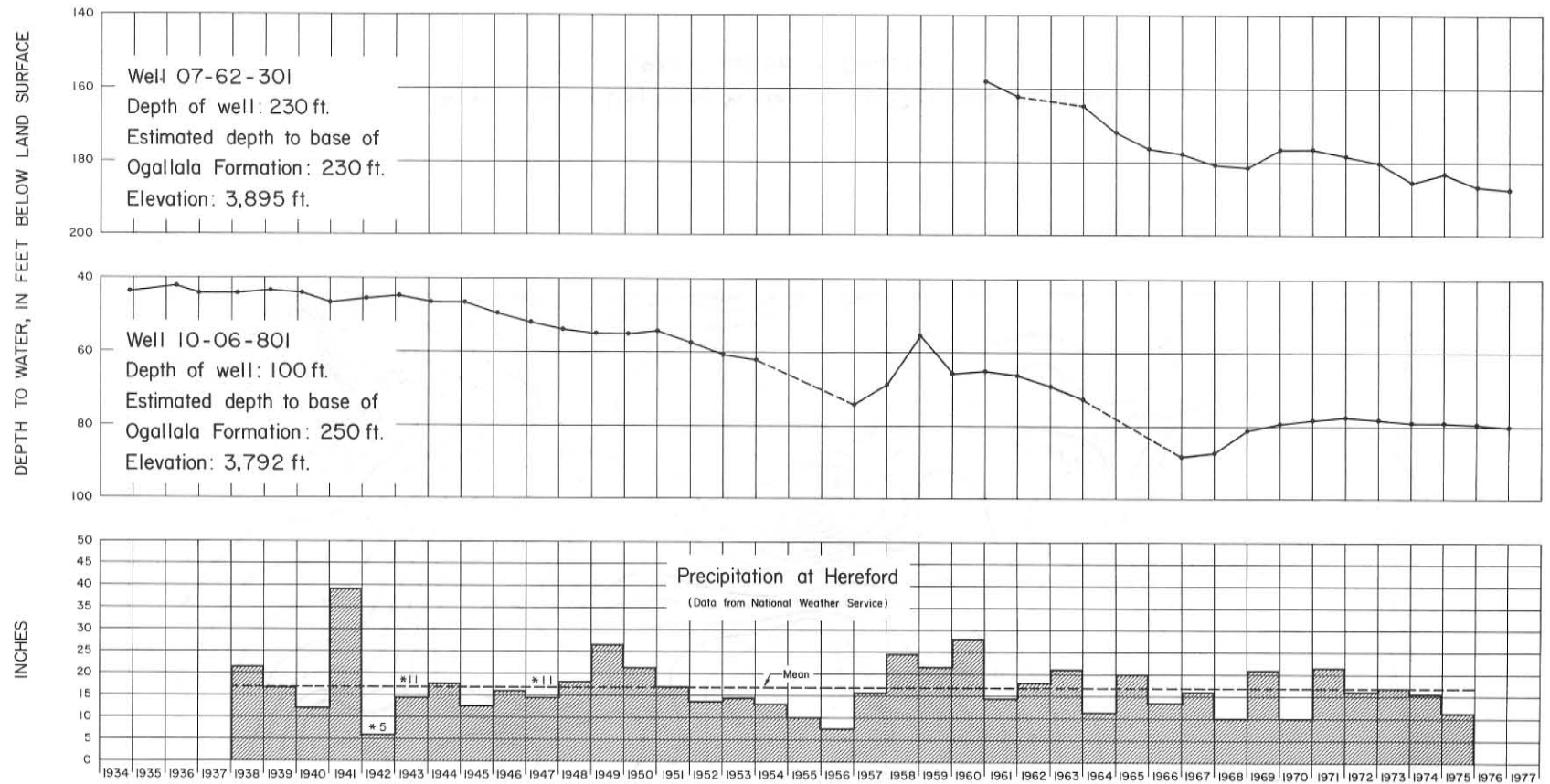
WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

\* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,  
OR WELL(S) PUMPING NEARBY)  
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER	
						LEVEL FROM PREVIOUS MEASUREMENT	DECLINE    RISE
10-21-201	136	355	3879.00	01-05-71	188.53		
				01-10-72	191.68	3.15	
				01-22-73	195.32	3.64	
				01-18-74	197.50	2.18	
				01-08-75	202.20	4.70	
				01-14-76	204.78	2.58	
				01-03-77	210.55	5.77	

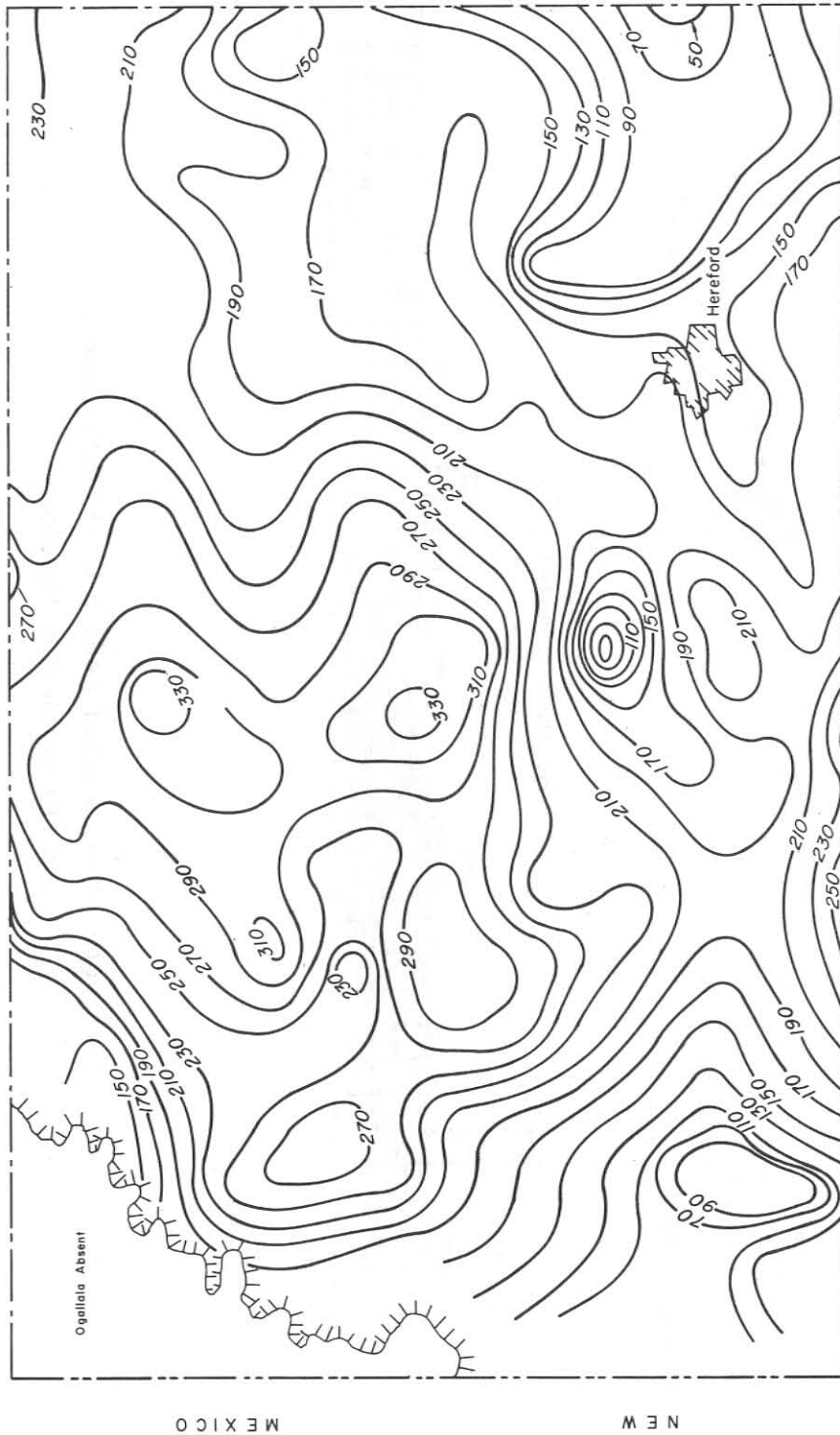
157 WELLS IN    DEAF SMITH COUNTY





\* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrographs of Selected Wells in Deaf Smith County and Precipitation at Hereford



Contour Interval: 20 ft.

Approximate Depth to Water in the Ogallala Aquifer,  
1977 Deaf Smith County

WATER-LEVEL MEASUREMENTS IN DONLEY COUNTY

