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# Water Resources Data Texas Water Year 1991

Volume 4. Ground-Water Data



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT TX-91-4  
Prepared in cooperation with Federal, State,  
and local agencies



# CALENDAR FOR WATER YEAR 1991

1990

OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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28	29	30	31				18	19	20	21	22	23	24	16	17	18	19	20	21	22
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														30	31					

1991

JANUARY							FEBRUARY							MARCH						
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13	14	15	16	17	18	19	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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27	28	29	30	31			17	18	19	20	21	22	23	24	25	26	27	28	29	30
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7	8	9	10	11	12	13								2	3	4	5	6	7	8
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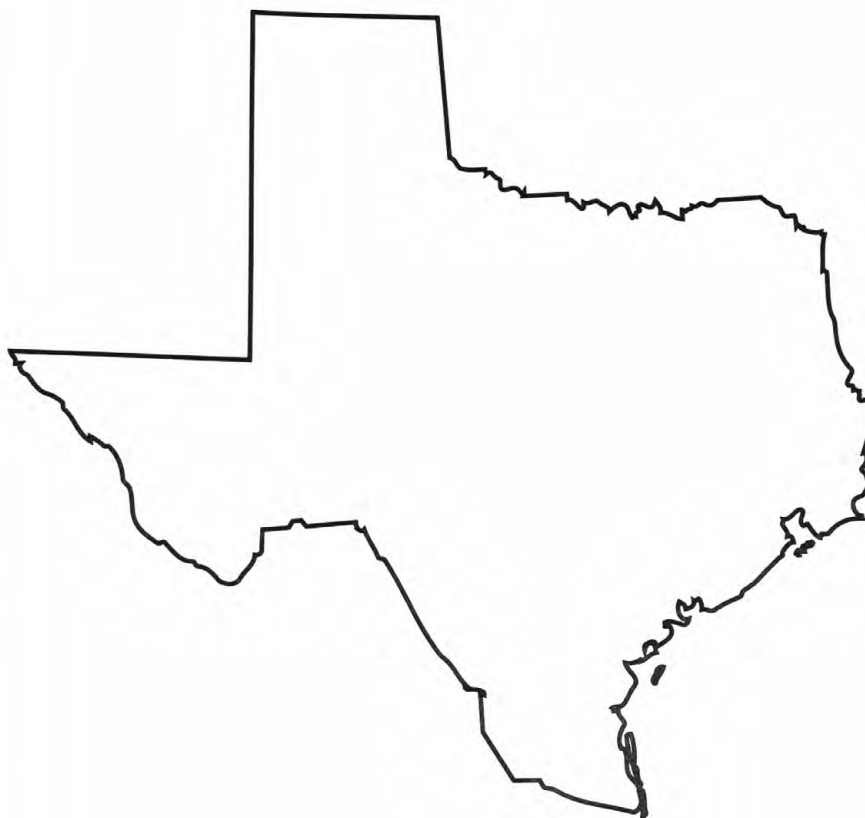




# Water Resources Data Texas Water Year 1991

## Volume 4. Ground-Water Data

by S.C. Gandara and H.D. Buckner



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT TX-91-4  
Prepared in cooperation with Federal, State,  
and local agencies



UNITED STATES DEPARTMENT OF THE INTERIOR

MANUEL LUJAN, JR., Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

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## PREFACE

This edition of the annual hydrologic data report of Texas is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface-water collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water providing the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing land and water resources in Texas are contained in 4 volumes:

- Volume 1. Arkansas River Basin, Red River Basin, Sabine River Basin, Neches River Basin, Trinity River Basin, and intervening and adjacent Coastal Basins
- Volume 2. San Jacinto River Basin, Brazos River Basin, San Bernard River Basin, and intervening Coastal Basins
- Volume 3. Colorado River Basin, Lavaca River Basin, Guadalupe River Basin, Nueces River Basin, Rio Grande Basin, and intervening Coastal Basins
- Volume 4. Ground-Water Data

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had the primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, most of the data were collected, computed, and processed from Subdistrict and field area offices. The following supervised the collection, processing, and tabulation of the data:

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## CONTENTS

	Page
Preface .....	iii
Introduction .....	1
Cooperation .....	2
Summary of hydrologic conditions .....	2
Ground water .....	2
Explanation of the records .....	2
Latitude-longitude system .....	3
Local well numbers .....	3
Records of ground-water levels .....	3
Data collection and computation .....	3
Data presentation .....	3
Records of ground-water quality .....	5
Data collection and computation .....	5
Data presentation .....	5
Ground-water records .....	5
Remark codes .....	5
Access to WATSTORE data .....	5
Definition of terms .....	6
Publications of techniques of water-resources investigations .....	8
Ground-water wells, by county, for which records are published .....	11
Index .....	213

## ILLUSTRATIONS

Figure	1. System for numbering wells and miscellaneous sites .....	3
	2. Texas well-numbering system .....	4
	3. Bailey County map .....	12
	4. Bexar County map .....	15
	5. Hydrograph for well AY-68-37-203 .....	16
	6. Brazoria County map .....	27
	7. Chambers County map .....	30
	8. Cochran County map .....	34
	9. Hydrograph for well DP-24-19-105 .....	35
	10. Comal County map .....	38
	11. Hydrograph for well DX-68-23-302 .....	39
	12. Dallam County map .....	49
	13. Hydrograph for well HP-02-55-402 .....	50
	14. Dawson County map .....	55
	15. Hydrograph for well HS-28-17-902 .....	56
	16. Deaf Smith County map .....	59
	17. El Paso County map .....	62
	18. Hydrograph for well JL-49-13-506 .....	63
	19. Fort Bend County map .....	75
	20. Hydrograph for well JY-65-19-704 .....	76
	21. Hydrograph for well JY-65-25-301 .....	77
	22. Hydrograph for well JY-65-28-311 .....	78
	23. Galveston County map .....	84
	24. Hydrograph for well KH-64-33-905 .....	85
	25. Hydrograph for well KH-65-40-707 .....	86
	26. Hale County map .....	92
	27. Hydrograph for well KY-23-10-407 .....	93
	28. Harris County map .....	96
	29. Hydrograph for well LJ-60-60-101 .....	97
	30. Hydrograph for well LJ-65-12-801 .....	98
	31. Hydrograph for well LJ-65-20-409 .....	99

32. Hydrograph for well LJ-65-23-219 and LJ-65-23-220 .....	100
33. Hydrograph for well LJ-65-32-207 and LH-65-32-406 .....	101
34. Hays County map .....	121
35. Hydrograph for well LR-58-58-101 .....	122
36. Hydrograph for well LR-67-01-304 .....	123
37. Hockley County map .....	133
38. Liberty County map .....	136
39. Medina County map .....	139
40. Hydrograph for well TD-68-41-301 .....	140
41. Montgomery County map .....	146
42. Ochiltree County map .....	149
43. Hydrograph for well Ochiltree .....	150
44. Orange County map .....	153
45. Hydrograph for well UJ-62-57-401 .....	154
46. Hydrograph for well UJ-62-59-123 .....	155
47. Swisher County map .....	163
48. Hydrograph for well XT-11-42-315 .....	164
49. Travis County map .....	167
50. Hydrograph for well YD-58-35-906 .....	168
51. Hydrograph for well YD-58-50-412 .....	169
52. Uvalde County map .....	181
53. Hydrograph for well YP-69-50-302 .....	182
54. Waller County map .....	190
55. Williamson County map .....	193
56. Hydrograph for well ZK-58-19-621 .....	194
57. Hydrograph for well ZK-58-27-529 .....	195



# WATER RESOURCES DATA - TEXAS, 1991

## VOLUME 4

### GROUND-WATER DATA FOR TEXAS

#### INTRODUCTION

The Water Resources Division of the U.S. Geological Survey, in cooperation with Federal, State, and local agencies, obtains a large amount of data pertaining to the water resources of Texas each water year. Such data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, the data will be published annually in this report series entitled "Water Resources Data - Texas", beginning with this publication for water year 1991.

This report includes records on ground water in Texas. Specifically, it contains water-level records for 285 observation wells and water-quality records for 127 monitoring wells. Additional ground-water information for Texas is contained in the files, data bases, and other published reports of the U.S. Geological Survey.

This series of annual reports for Texas began with the 1961 water year report that contained only data relating to the quantities of surface water. For the 1964 water year, a similar report was introduced that contained only data relating to water quality. Beginning with the 1991 water year, ground-water levels and quality will be published in a separate volume for Texas.

Prior to introduction of this series and for several water years concurrent with it, water resources data for Texas were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States, Parts 7 and 8." For the 1961 through 1970 water years, the data were published in two 5-year reports. Data on chemical quality, temperature, and

suspended sediment for the 1941 through 1970 water years were published annually under the title "Quality of Surface Waters of the United States," and water levels for the 1935 through 1974 water years were published under the title "Ground-Water Levels in the United States." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from U.S. Geological Survey, Books and Open-File Reports Section, Federal Center, Bldg. 810, Box 25425, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Geological Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water Data Report TX-91-4." For archiving and general distribution, the reports for the 1971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or may be purchased on microfiche from the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

Additional information, including the current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone (512) 873-3000. A limited number of CD-ROM discs will be available for sale by the Books & Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

## COOPERATION

Organizations that assisted in the collection of ground-water data in this report through joint funding agreements with the Geological Survey are:

- City of Austin
- City of Houston
- Edwards Underground Water District
- City of El Paso Public Service Board
- Fort Bend Subsidence District
- City of Georgetown
- Harris-Galveston Coastal Subsidence District
- Orange County Commissioners Court
- San Antonio City Water Board
- Texas Water Development Board
- U.S. Dept. of Army, Fort Bliss Directorate of Engineering and Housing

## SUMMARY OF HYDROLOGIC CONDITIONS

### GROUND WATER

The geography and geology of Texas are sufficiently complex that a summary of ground-water conditions over the entire State is difficult. Descriptions of conditions in specific aquifers apply only to that specific area and cannot be transferred to other areas.

Ground-water levels fluctuate in response to a variety of stresses and changes in stress. Short- and long-term climatic conditions can lead to changes in natural recharge and discharge. Superimposed on the natural fluctuations in water levels are changes caused by increasing or decreasing ground-water withdrawals and, in some areas, changes caused by recharge from surface irrigation.

Precipitation, runoff, and reservoir storage in Texas were above normal during water year 1991, continuing the above normal conditions into the third consecutive year (1989-91). Ground-water levels increased in some areas of the State, and decreased in other areas.

Water levels in the karstic Edwards aquifer in San Antonio are highly responsive to rainfall, which can re-

charge the aquifer quickly and in large amounts. During the course of the year, monthly water levels in a key observation well (AY-68-37-203) were below the long-term average monthly levels. After fluctuating 13.1 feet during water year 1991, a net rise of only 1.3 feet was recorded. The depth to water below land surface averaged 76.5 feet.

In the intensely developed Houston area, a key observation well (LJ-65-14-409) completed in the Evangeline aquifer, which responds mainly to withdrawals and not to recharge, had a net rise of 11.2 feet in water year 1991. The maximum water-level difference during the water year was only 14.4 feet, with water levels in the latter quarter of the year being higher than the historical average monthly levels for that quarter. Depth to water below land surface during the water year averaged 305.4 feet.

Withdrawals greatly exceed recharge from rainfall in the heavily-pumped Hueco Bolson aquifer at El Paso. Each month of water year 1991, the water level in a key observation well (JL-49-13-301) was lower than the long-term monthly averages, and new monthly lows were established for 11 of the 12 months. The water level fluctuated only 3.7 feet throughout the water year and ended the water year in September with the same depth to water as in October 1990. During the water year, the average depth to water below land surface was 272.2 feet.

Ground water withdrawals from the Ogallala aquifer on the High Plains greatly exceeds recharge. Water-level changes in the Ogallala aquifer primarily are caused by withdrawals. A key observation well (RU-10-53-602) near Lubbock had new all-time lows in the water levels for 10 months of the water year 1991. During the year, the lowest water levels were recorded during the growing season, but fluctuations in water levels were only 2.3 feet. During the water year, the average depth to water below land surface was 91.5 feet.

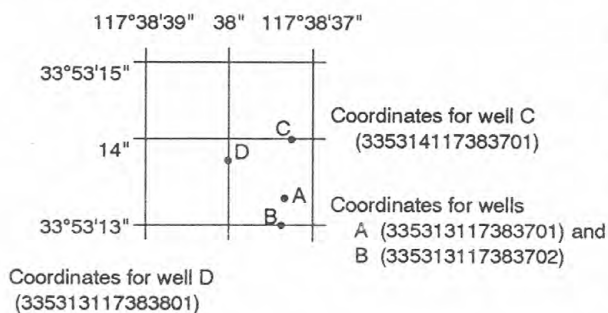
## EXPLANATION OF THE RECORDS

The ground-water records published in this report are for the 1991 water year that began October 1, 1990, and ended September 30, 1991. A calendar of the water year is provided on the inside of the front cover. The records contain ground-water level and quality of ground-water data. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.



## LATITUDE-LONGITUDE SYSTEM

The identification numbers for wells are assigned according to the grid system of latitude and longitude (fig. 1). The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells or other sites within a 1-second grid. This site-identification number, once assigned, is a pure number, and has no locational significance. In the rare instance where the initial determination of latitude and longitude are in error, the station will retain its initial identification number.



**Figure 1.** System for numbering wells and miscellaneous sites (latitude and longitude).

## LOCAL WELL NUMBERS

The well-numbering system in Texas was developed by the Texas Water Development Board for use throughout the State. Under this system, each 1-degree quadrangle is given a number consisting of two digits. These are the first two digits in the well number. Each 1-degree quadrangle is divided into 7-1/2-minute quadrangles which are given two-digit numbers from 01 to 64. These are the third and fourth digits of the well number. Each 7-1/2-minute quadrangle is divided into 2-1/2-minute quadrangles which are given a single-digit number from 1 to 9. This is the fifth digit of the well number. Finally, each well within a 2-1/2-minute quadrangle is given a two-digit number in the order in which it was inventoried, starting with 01. These are the last two digits of the well number. In addition to this seven-digit well number, a two-letter prefix is used to identify the county. An example of the Texas well-numbering system is provided in figure 2.

## RECORDS OF GROUND-WATER LEVELS

Records are obtained through cooperative efforts of many Federal, State, and local agencies for more than 1,000 observation wells throughout Texas and are placed in computer storage. Information about the availability of the data in the water-level file may be obtained from the District Chief, Texas District. (See address on back of title page.)

### Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used at each observation well ensure that measurements at each well are of consistent accuracy and reliability.

Water-level records are obtained from direct measurements with a steel tape, electric sounder, or from the graph, punched tape, or data logger of a water-stage recorder. The water-level measurements in this report are given in feet with reference to land-surface datum; where land-surface datum is the elevation of the land surface above the National Geodetic Vertical Datum of 1929. The elevation of the land-surface datum is given in the well description.

### Data Presentation

Water levels are reported to as many significant figures as can be justified by local conditions. For example, in a measurement of a depth to water of several hundred feet, the error may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water, the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given to a tenth of a foot or a larger unit.

Tables of water-level data are presented by counties arranged in alphabetical order. A table of water levels follows the station description of each well. Water levels are reported in feet below land-surface datum, and all measurements of water level for the water year are listed. The highest and lowest static water levels of record and their dates of occurrence are shown below the data table. Missing records on daily tables are indicated by dashes in place of the water level.

Hydrographs are presented for certain wells in selected counties.

## WATER RESOURCES DATA - TEXAS, 1991

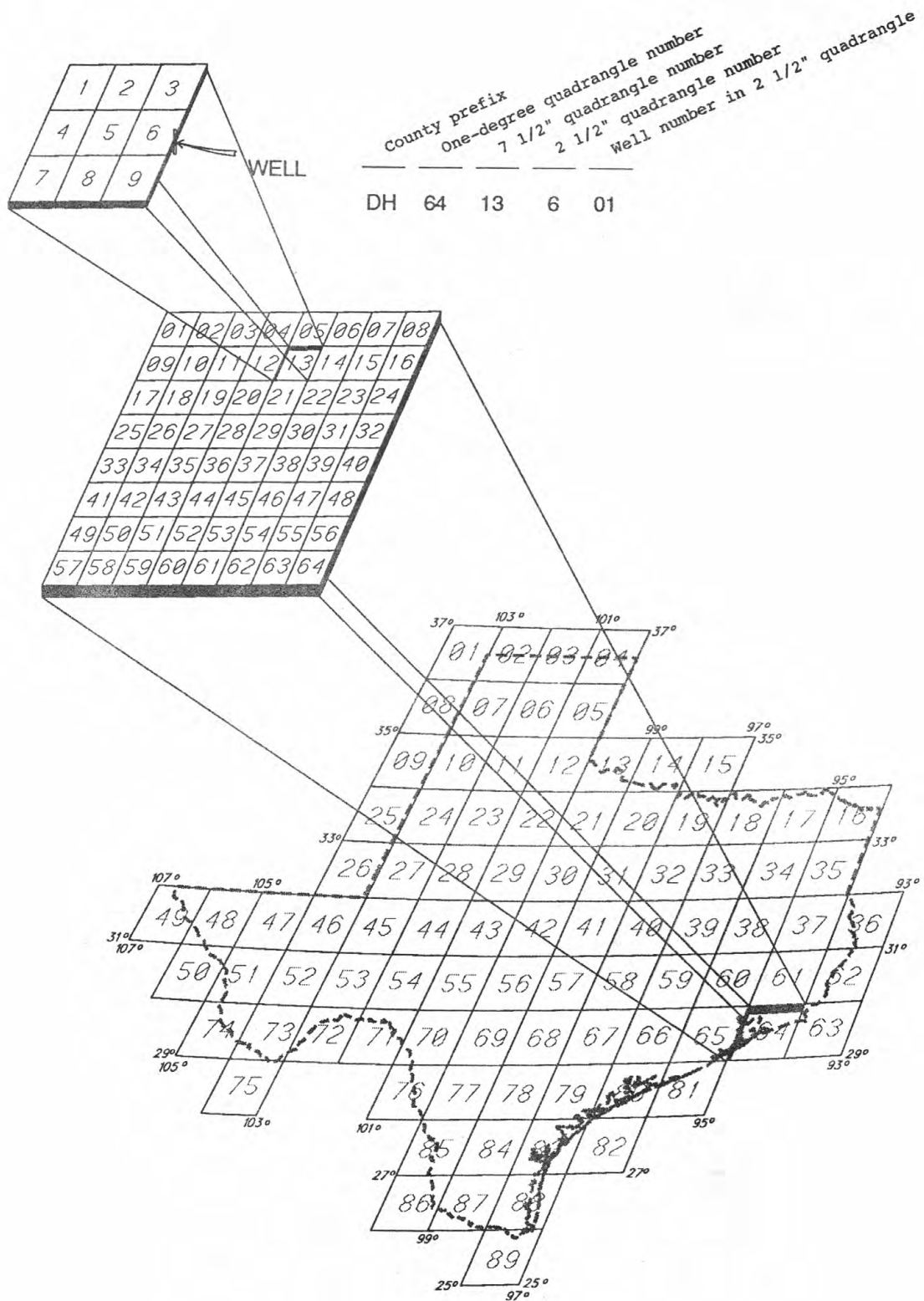


Figure 2.--Texas well numbering system.

**RECORDS OF GROUND-WATER QUALITY**

Records of ground-water quality in this report differ from other types of records; for most sampling sites they consist of only one set of measurements for the water year. The quality of ground water ordinarily changes slowly; therefore, for most general purposes one annual sampling, or only a few samples taken at infrequent intervals during the year, is sufficient. Frequent measurement of the same constituents is not necessary unless there is concern with a particular problem, such as monitoring for trends in chloride concentration. In special cases where the quality of ground water may change more rapidly, more frequent measurements are made to identify the nature or magnitude of the changes.

**Data Collection and Computation**

The records of ground-water quality in this report were obtained mostly as a part of special studies in specific areas. Consequently, a number of chemical analyses may be presented for some counties but none are presented for others. As a result, the records for a year, by themselves, do not provide a balanced view of ground-water quality statewide.

Most methods for collecting and analyzing water samples are described in the "U.S. Geological Survey Techniques of Water-Resources Investigations" manuals listed in this report. The values in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. All samples were obtained by trained personnel. The wells sampled were pumped such that a sufficient volume of water was extracted to ensure that a representative sample of water was collected from the aquifer.

**Data Presentation**

The records of ground-water quality are published in a section titled WATER QUALITY immediately following the ground-water-level records. Data for quality of ground water are listed alphabetically by county and are identified by well number. No descriptive statements are given for ground-water-quality records; however, the well number, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water.

**GROUND-WATER RECORDS****REMARK CODES**

Two remark codes may follow water-level data under the headings "M" (method) and "S" (status). In this report the following remark codes may appear with the data:

<u>PRINTED OUTPUT "M"</u>	<u>REMARK</u>
A	Airline
B	Continuous recorder
H	Calibrated pressure gage
R	Reported
S	Steel tape
V	Calibrated electric tape
Z	Other

<u>PRINTED OUTPUT "S"</u>	<u>REMARK</u>
D	Dry
E	Estimated
F	Flowing
G	Nearby flowing
H	Nearby recently flowing
N	Measurement discontinued
O	Obstruction
P	Pumping
R	Recently pumped
S	Nearby pumping
T	Nearby recently pumped
V	Foreign substance
W	Well destroyed
X	Surface-water effects
Z	Other

Remark codes for water-quality are shown in each data table.

**ACCESS TO WATSTORE DATA**

The National WATER Data STORAGE and RETrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at the National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical



analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from the District office (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist  
U.S. Geological Survey  
437 National Center  
Reston, Virginia 22092

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disk; and, as noted in the introduction, on CD-ROM discs. All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. A limited number of CD-ROM discs will be available for sale by the Books & Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

## DEFINITION OF TERMS

Terms related to water-quality and other hydrologic data, as used in this report, are defined below. (See also table for converting English units to International System (SI) Units on the inside of the back cover.)

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by a well. A flowing artesian well is one in which the water level is above the land surface.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Dissolved refers to that material in a representative water sample which passes through a 0.45  $\mu\text{m}$  membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Dissolved-solids concentration of water is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination of dissolved solids, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. Therefore, in the mathematical calculation of dissolved-solids concentration, the bicarbonate value, in milligrams per liter, is multiplied by 0.492 to reflect the change.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations and is expressed as the equivalent concentration of calcium carbonate ( $\text{CaCO}_3$ ).

Land-surface datum is a datum plane that is approximately at land surface at each ground-water observation well.

Methylene blue active substances (MBAS) are apparent detergents. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per liter (UG/L,  $\mu\text{g/L}$ ) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (MG/L,  $\text{mg/L}$ ) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in  $\text{mg/L}$  and is based on the mass of dry sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26

tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7 are termed "acidic" and solutions with a pH greater than 7 are termed "basic." Solutions with a pH of 7 are neutral. The presence and concentration of many dissolved chemical constituents found in water are, in part, influenced by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are influenced, in part, by the hydrogen-ion activity of water.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Sodium-adsorption-ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Waters range in respect to sodium hazard from those which can be used for irrigation on almost all soils to those which are generally unsatisfactory for irrigation.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is associated with the material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter has been digested

by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total-recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45 µm membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Determinations of "suspended, total" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

Total is the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined all of the constituent in the sample.)

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that re-

sults in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Water year in U.S. Geological Survey reports dealing with surface- and ground-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1991, is called the "water year 1991."

WDR is used as an abbreviation for "Water-Data Report" (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976).

WSP is used as an abbreviation for "Water-Supply Paper" in reference to previously published reports.

### PUBLICATIONS OF TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

The reports listed below are for sale by the U.S. Geological Survey, Books and Open-File Reports Section, Federal Center, Box 25425, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

- 1-D1. ***Water temperature-influential factors, field measurement, and data presentation***, by H.H. Stevens, Jr., J.F. Ficke, and G.F. Smoot: USGS—TWRI Book 1, Chapter D1. 1975. 65 p.
- 1-D2. ***Guidelines for collection and field analysis of ground-water samples for selected unstable constituents***, by W.W. Wood: USGS—TWRI Book 1, Chapter D2. 1976. 24 p.
- 2-D1. ***Application of surface geophysics to ground-water investigations***, by A.A.R. Zohdy, G.P. Eaton, and D.R. Mabey: USGS—TWRI Book 2, Chapter D1. 1974. 116 p.
- 2-D2. ***Application of seismic-refraction techniques to hydrologic studies***, by F.P. Haeni: USGS—TWRI Book 2, Chapter D2. 1988. 86 p.
- 2-E1. ***Application of borehole geophysics to water-resources investigations***, by W.S. Keys and L.M. MacCary: USGS—TWRI Book 2, Chapter E1. 1971. 126 p.
- 2-E2. ***Borehole geophysics applied to ground-water investigations***, by W. Scott Keys: USGS—TWRI Book 2, Chapter E2. 1990. 150 p.
- 2-F1. ***Application of drilling, coring, and sampling techniques to test holes and wells***, by Eugene Shuter and Warren E. Teasdale: USGS—TWRI Book 2, Chapter F1. 1989. 97 p.
- 3-A1. ***General field and office procedures for indirect discharge measurements***, by M.A. Benson and Tate Dalrymple: USGS—TWRI Book 3, Chapter A1. 1967. 30 p.
- 3-A2. ***Measurement of peak discharge by the slope-area method***, by Tate Dalrymple and M.A. Benson: USGS—TWRI Book 3, Chapter A2. 1967. 12 p.
- 3-A3. ***Measurement of peak discharge at culverts by indirect methods***, by G.L. Bodhaine: USGS—TWRI Book 3, Chapter A3. 1968. 60 p.
- 3-A4. ***Measurement of peak discharge at width contractions by indirect methods***, by H.F. Matthai: USGS—TWRI Book 3, Chapter A4. 1967. 44 p.
- 3-A5. ***Measurement of peak discharge at dams by indirect methods***, by Harry Hulsing: USGS—TWRI Book 3, Chapter A5. 1967. 29 p.
- 3-A6. ***General procedure for gaging streams***, by R.W. Carter and Jacob Davidian: USGS—TWRI Book 3, Chapter A6. 1968. 13 p.
- 3-A7. ***Stage measurements at gaging stations***, by T.J. Buchanan and W.P. Somers: USGS—TWRI Book 3, Chapter A7. 1968. 28 p.
- 3-A8. ***Discharge measurements at gaging stations***, by T.J. Buchanan and W.P. Somers: USGS—TWRI Book 3, Chapter A8. 1969. 65 p.
- 3-A9. ***Measurement of time of travel in streams by dye tracing***, by F.A. Kilpatrick, and J.F. Wilson, Jr.: USGS—TWRI Book 3, Chapter A9. 1989. 27 p.
- 3-A10. ***Discharge ratings at gaging stations***, by E.J. Kennedy: USGS—TWRI Book 3, Chapter A10. 1984. 59 p.



- 3-A11. **Measurement of discharge by moving-boat method**, by G.F. Smoot and C.E. Novak: USGS—TWRI Book 3, Chapter A11. 1969. 22 p.
- 3-A12. **Fluorometric procedures for dye tracing**, by J.F. Wilson, Jr., E.D. Cobb, and F.A. Kilpatrick: USGS—TWRI Book 3, Chapter A12, 1986. 41 p.
- 3-A13. **Computations of continuous records of streamflow**, by E.J. Kennedy: USGS—TWRI Book 3, Chapter A13, 1983. 53 p.
- 3-A14. **Use of flumes in measuring discharge**, by F.A. Kilpatrick and V.R. Schneider: USGS—TWRI Book 3, Chapter A14. 1983. 46 p.
- 3-A15. **Computation of water-surface profiles in open channels**, by Jacob Davidian: USGS—TWRI Book 3, Chapter A15. 1984. 48 p.
- 3-A16. **Measurement of discharge using tracers**, by F.A. Kilpatrick and E.D. Cobb: USGS—TWRI Book 3, Chapter A16. 1985. 52 p.
- 3-A17. **Acoustic velocity meter systems**, by Antonius Laenen: USGS—TWRI Book 3, Chapter A17. 1985. 38 p.
- 3-A18. **Determination of stream reaeration coefficients by use of tracers**, by F.A. Kilpatrick, R.E. Rathbun, N. Yotsukura, G.W. Parker, and L.L. DeLong: USGS—TWRI Book 3, Chapter A18. 1989. 52 p.
- 3-A19. **Levels of streamflow gaging stations**, by E.J. Kennedy: USGS—TWRI Book 3, Chapter A19. 1990. 27 p.
- 3-B1. **Aquifer-test design, observation, and data analysis**, by R.W. Stallman: USGS—TWRI Book 3, Chapter B1. 1971. 26 p.
- 3-B2. **Introduction to ground-water hydraulics, a programmed text for self instruction**, by G.D. Bennett: USGS—TWRI Book 3, Chapter B2. 1976. 172 p.
- 3-B3. **Type curves for selected problems of flow to wells in confined aquifers**, by J.E. Reed: USGS—TWRI Book 3, Chapter B3. 1980. 106 p.
- 3-B4. **Regression modeling of ground-water flow**, by Richard L. Cooley and Richard L. Naff: USGS—TWRI Book 3, Chapter B4. 1990. 232 p.
- 3-B5. **Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems—An introduction**, by O.L. Franke, T.E. Reilly, and G.D. Bennett: USGS—TWRI Book 3, Chapter B5. 1987. 15 p.
- 3-B6. **The principle of superposition and its application in ground-water hydraulics**, by T.E. Reilly, O.L. Franke, and G.D. Bennett: USGS—TWRI Book 3, Chapter B6. 1987. 28 p.
- 3-C1. **Fluvial sediment concepts**, by H.P. Guy: USGS—TWRI Book 3, Chapter C1. 1970. 55 p.
- 3-C2. **Field methods for measurement of fluvial sediment**, by H.P. Guy and V.W. Norman: USGS—TWRI Book 3, Chapter C2. 1970. 59 p.
- 3-C3. **Computation of fluvial-sediment discharge**, by George Porterfield: USGS—TWRI Book 3, Chapter C3. 1972. 66 p.
- 4-A1. **Some statistical tools in hydrology**, by H.C. Riggs: USGS—TWRI Book 4, Chapter A1. 1968. 39 p.
- 4-A2. **Frequency curves**, by H.C. Riggs: USGS—TWRI Book 4, Chapter A2. 1968. 15 p.
- 4-B1. **Low-flow investigations**, by H.C. Riggs: USGS—TWRI Book 4, Chapter B1. 1972. 18 p.
- 4-B2. **Storage analyses for water supply**, by H.C. Riggs and C.H. Hardison: USGS—TWRI Book 4, Chapter B2. 1973. 20 p.
- 4-B3. **Regional analyses of streamflow characteristics**, by H.C. Riggs: USGS—TWRI Book 4, Chapter B3. 1973. 15 p.
- 4-D1. **Computation of rate and volume of stream depletion by wells**, by C.T. Jenkins: USGS—TWRI Book 4, Chapter D1. 1970. 17 p.
- 5-A1. **Methods for determination of inorganic substances in water and fluvial sediments**, by M.J. Fishman and L.C. Friedman: USGS—TWRI Book 5, Chapter A1. 1989. 545 p.
- 5-A2. **Determination of minor elements in water by emission spectroscopy**, by P.R. Barnett and E.C. Mallory, Jr.: USGS—TWRI Book 5, Chapter A2. 1971. 31 p.
- 5-A3. **Methods for the determination of organic substances in water and fluvial sediments**, edited by R.L. Wershaw, M.J. Fishman, R.R. Grabbe, and L.E. Lowe: USGS—TWRI Book 5, Chapter A3. 1987. 80 p.
- 5-A4. **Methods for collection and analysis of aquatic biological and microbiological samples**, by L.J. Britton and P.E. Greeson, editors: USGS—TWRI Book 5, Chapter A4. 1989. 363 p.
- 5-A5. **Methods for determination of radioactive substances in water and fluvial sediments**, by L.L. Thatcher, V.J. Janzer, and K.W. Edwards: USGS—TWRI Book 5, Chapter A5. 1977. 95 p.
- 5-A6. **Quality assurance practices for the chemical and biological analyses of water and fluvial sediments**, by L.C. Friedman and D.E. Erdmann: USGS—TWRI Book 5, Chapter A6. 1982. 181 p.
- 5-C1. **Laboratory theory and methods for sediment analysis**, by H.P. Guy: USGS—TWRI Book 5, Chapter C1. 1969. 58 p.
- 6-A1. **A modular three-dimensional finite-difference ground-water flow model**, by M.G. McDonald and A.W. Harbaugh: USGS—TWRI Book 6, Chapter A1. 1988. 586 p.
- 7-C1. **Finite difference model for aquifer simulation in two dimensions with results of numerical experiments**, by P.C. Trescott, G.F. Pinder, and S.P. Larson: USGS—TWRI Book 7, Chapter C1. 1976. 116 p.
- 7-C2. **Computer model of two-dimensional solute transport and dispersion in ground water**, by L.F. Konikow and J.D. Bredehoeft: USGS—TWRI Book 7, Chapter C2. 1978. 90 p.

- 7-C3. ***A model for simulation of flow in singular and interconnected channels***, by R.W. Schaffranek, R.A. Baltzer, and D.E. Goldberg: USGS—TWRI Book 7, Chapter C3. 1983. 110 p.
- 8-A1. ***Methods of measuring water levels in deep wells***, by M.S. Garber and F.C. Koopman: USGS—TWRI Book 8, Chapter A1. 1968. 23 p.
- 8-A2. ***Installation and service manual for U.S. Geological Survey manometers***, by J.D. Craig: USGS—TWRI Book 8, Chapter A2. 1983. 57 p.
- 8-B2. ***Calibration and maintenance of vertical-axis type current meters***, by G.F. Smoot and C.E. Novak: USGS—TWRI Book 8, Chapter B2. 1968. 15 p.

GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

BAILEY COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
AR-10-51-909	340848102392801 .....			13

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record



## WATER RESOURCES DATA - TEXAS, 1991

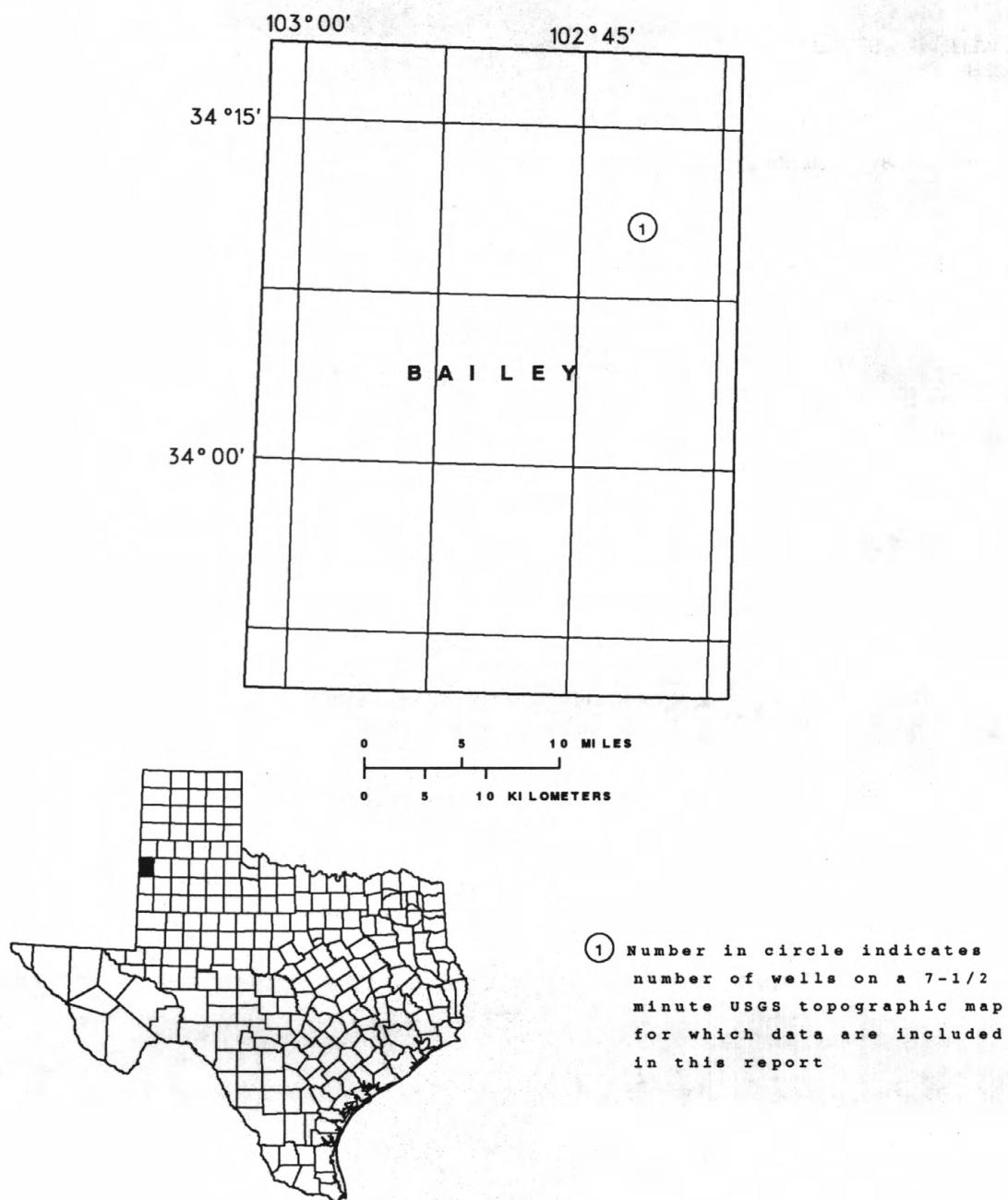


Figure 3.--Bailey County map.

## WATER LEVELS, BAILEY COUNTY

13

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 340848102392801  
 STATE WELL NUMBER: AR-10-51-909

LOCATED APPROXIMATELY 5.5 MILES SOUTH ON HIGHWAY 84 AND 3.8 MILES EAST ON DIRT ROAD FROM MULESHOE, TX. CASING DIAMETER:  
 16 INCHES, DEPTH 255 FT. ALTITUDE OF LAND-SURFACE DATUM 3,840 FT. OWNER: CITY OF LUBBOCK, TX. OTHER IDENTIFIER:  
 BAILEY 1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
 WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	125.84	125.82	125.85	125.82	125.76	125.68	125.67	125.63	125.60	125.61	125.60	125.60
2	125.81	125.82	125.83	125.84	125.74	125.72	125.67	125.63	125.60	125.61	125.60	125.59
3	125.85	125.86	125.89	125.83	125.72	125.73	125.70	125.65	125.59	125.61	125.63	125.60
4	125.89	125.84	125.85	125.78	125.75	125.70	125.70	125.69	125.60	125.60	125.62	125.59
5	125.85	125.80	125.81	125.80	125.73	125.67	125.69	125.66	125.60	125.60	125.61	125.59
6	125.83	125.86	125.88	125.83	125.75	125.71	125.65	125.62	125.61	125.60	125.63	125.60
7	125.86	125.85	125.85	125.80	125.75	125.71	125.65	125.65	125.61	125.61	125.63	125.58
8	125.87	125.83	125.84	125.79	125.71	125.72	125.69	125.63	125.60	125.61	125.62	125.58
9	125.88	125.86	125.85	125.81	125.72	125.75	125.71	125.64	125.60	125.59	125.62	125.60
10	125.83	125.86	125.83	125.77	125.73	125.68	125.63	125.65	125.60	125.60	125.63	125.58
11	125.83	125.86	125.81	125.82	125.72	125.66	125.66	125.64	125.59	125.62	125.63	125.58
12	125.86	125.86	125.84	125.79	125.68	125.71	125.68	125.63	125.58	125.63	125.62	125.58
13	125.81	125.83	125.85	125.76	125.72	125.70	125.68	125.62	125.58	125.63	125.62	125.57
14	125.86	125.83	125.82	125.77	125.73	125.68	125.68	125.62	125.59	125.62	125.62	125.57
15	125.84	125.83	125.85	125.76	125.74	125.70	125.67	125.64	125.60	125.62	125.61	125.59
16	125.83	125.88	125.80	125.80	125.68	125.69	125.67	125.65	125.60	125.62	125.61	125.61
17	125.89	125.81	125.82	125.78	125.69	125.72	125.66	125.64	125.59	125.60	125.62	125.59
18	125.86	125.82	125.81	125.77	125.73	125.69	125.67	125.64	125.60	125.59	125.61	125.61
19	125.80	125.82	125.81	125.73	125.76	125.66	125.69	125.63	125.61	125.60	125.61	125.62
20	125.86	125.81	125.82	125.82	125.72	125.68	125.64	125.61	125.59	125.61	125.60	125.59
21	125.87	125.85	125.85	125.78	125.72	125.67	125.64	125.62	125.59	125.62	125.61	125.57
22	125.83	125.84	125.84	125.73	125.73	125.70	125.65	125.62	125.59	125.62	125.61	125.61
23	125.86	125.84	125.87	125.76	125.69	125.72	125.65	125.62	125.60	125.62	125.61	125.59
24	125.87	125.81	125.81	125.75	125.73	125.68	125.65	125.61	125.60	125.62	125.61	125.61
25	125.85	125.81	125.83	125.78	125.73	125.67	125.62	125.61	125.59	125.62	125.60	125.59
26	125.84	125.80	125.83	125.73	125.71	125.66	125.65	125.62	125.59	125.62	125.59	125.59
27	125.88	125.86	125.81	125.73	125.68	125.69	125.63	125.61	125.59	125.62	125.59	125.58
28	125.86	125.91	125.78	125.72	125.67	125.67	125.66	125.60	125.60	125.62	125.60	125.60
29	125.84	125.88	125.81	125.76	---	125.69	125.66	125.59	125.61	125.62	125.61	125.60
30	125.84	125.81	125.85	125.77	---	125.75	125.68	125.59	125.60	125.61	125.60	125.60
31	125.84	---	125.82	125.77	---	125.71	---	125.59	---	125.61	125.60	---

WATER YEAR 1991  
 PERIOD OF RECORD  
 HIGHEST 125.49 JUNE 06, 1991  
 HIGHEST 125.49 JUNE 06, 1991  
 RECORD AVAILABLE AUG. 10, 1988 TO SEP. 30, 1991  
 LOWEST 125.94 NOV. 16, 28, DEC. 02, 1990  
 LOWEST 126.63 SEPT. 22, 1988, NOV. 10, 15, 16, 18, 29, 1988

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

BEXAR COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		HY	WL	QW			HY	WL	QW
AY-68-21-804	293749098263601 .....			18	AY-68-30-211	293617098194001 .....		17	
AY-68-27-303	293518098373201 .....			18	AY-68-36-802	292355098333301 .....			18
AY-68-27-503	293402098404501 .....			18	AY-68-36-803	292319098325901 .....			18
AY-68-28-514	293407098324401 .....			18	AY-68-36-908	292250098311201 .....			18
AY-68-28-608	293456098304901 .....			18	AY-68-37-203	292845098255401 .....	16	17	
AY-68-28-702	293023098355401 .....			18	AY-68-37-508	292557098261401 .....			18
AY-68-28-903	293207098304801 .....			18	AY-68-37-521	292505098254001 .....			18
AY-68-28-920	293228098303902 .....			18	AY-68-37-522	292505098254002 .....			19
AY-68-29-103	293522098291201 .....		17		AY-68-37-523	292505098254003 .....			19
AY-68-29-210	293611098254401 .....		18		AY-68-37-524	292546098260001 .....			19
AY-68-29-405	293259098275701 .....		18		AY-68-37-525	292546098260002 .....			21
AY-68-29-702	293123098290301 .....		18		AY-68-37-526	292556098260701 .....			21
AY-68-29-915	293152098224301 .....		18		AY-68-37-527	292556098260702 .....			21
AY-68-29-920	293100098225401 .....		18		AY-68-43-610	291753098393501 .....			22
AY-68-29-925	293057098234901 .....		18		AY-68-44-203	292143098324201 .....			22

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record



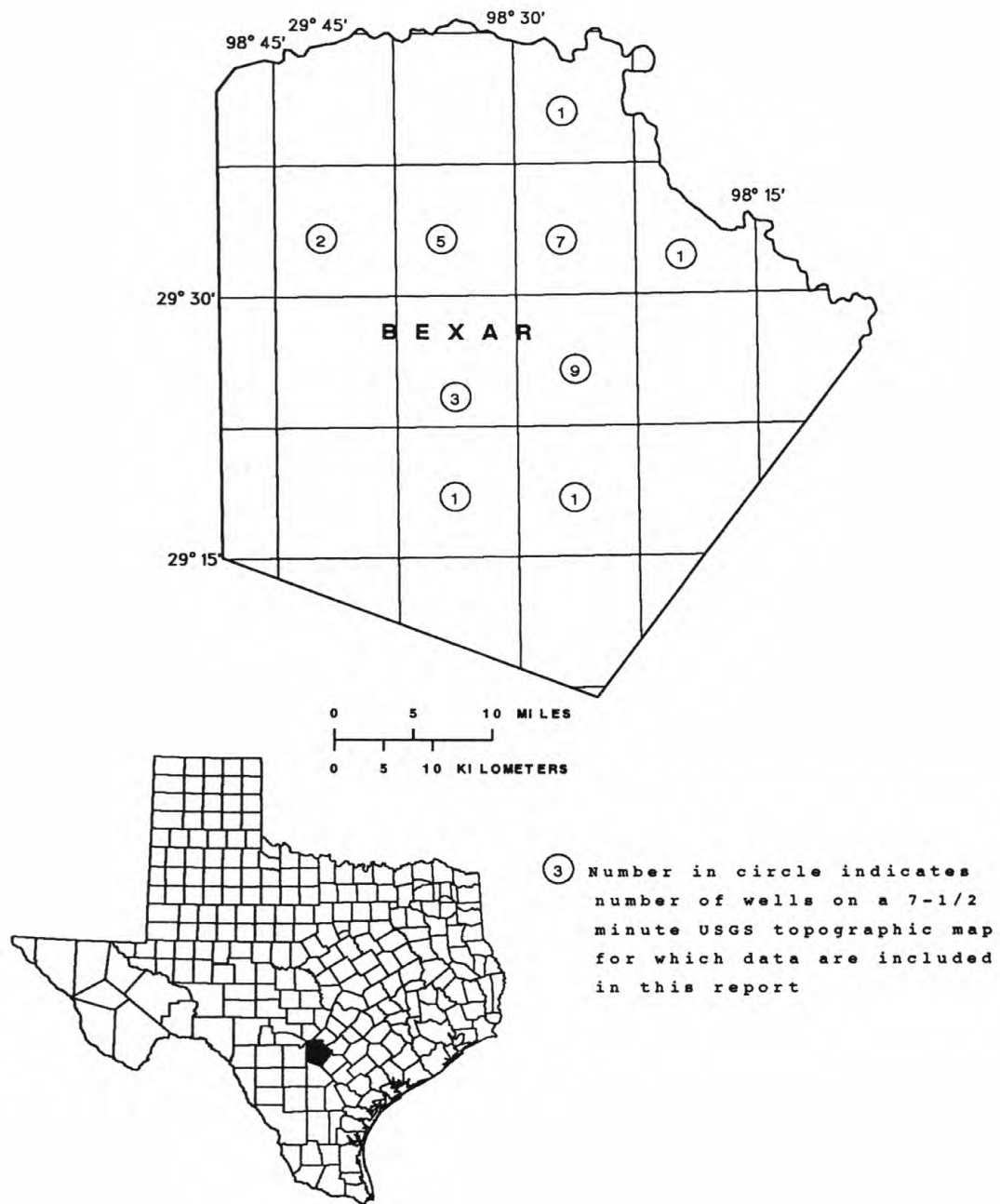


Figure 4.--Bexar County map.

## Bexar County

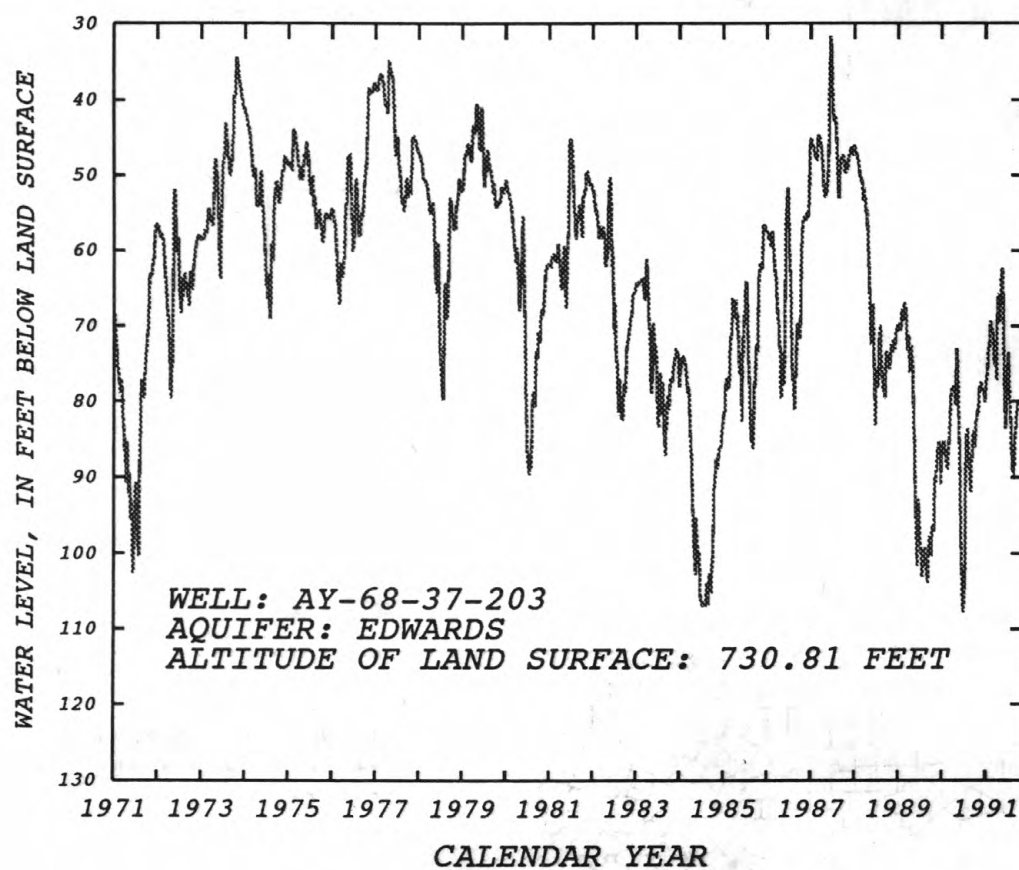


Figure 5.--Hydrograph for well AY-68-37-203.

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 293522098291201  
LOCAL WELL NUMBER: AY-68-29-103

IN SAN ANTONIO, 1.8 MILES SOUTHWEST FROM INTERSECTION OF HIGHWAY 281 AND FARM ROAD 1604. OBSERVATION WELL. DRILLED 10 INCHES TO A DEPTH OF 547 FEET. COMPLETED OPEN HOLE FROM 90 FEET TO 547 FEET. ALTITUDE OF LAND SURFACE DATUM 952.67 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	277.95	JAN 01	277.96	MAR 15	275.24	MAY 25	262.48	AUG 01	263.61
10	277.66	05	277.70	20	273.50	30	262.42	05	264.12
15	277.73	10	277.57	25	273.73	JUN 05	263.04	10	264.62
20	277.67	15	277.50	28	273.22	10	262.95	15	265.25
25	277.70	20	277.30	30	273.83	15	262.75	20	265.71
31	277.70	25	277.17	APR 01	273.70	20	263.22	25	265.75
NOV 05	277.51	29	276.79	05	271.10	22	263.40	30	266.17
10	277.56	30	276.95	10	268.36	25	262.02	SEP 04	266.10
15	277.38	FEB 01	277.20	15	267.82	26	261.88	05	266.11
20	277.35	05	275.10	17	267.48	30	262.14	10	266.57
25	277.40	10	275.47	20	268.19	JUL 01	262.10	15	266.57
30	277.57	15	275.70	25	268.20	05	262.18	20	266.80
DEC 05	277.55	19	274.30	30	268.50	10	262.12	25	266.75
10	277.67	20	274.34	MAY 01	268.70	15	262.67	30	267.19
15	277.68	25	275.14	05	265.78	20	262.70		
20	277.76	28	274.92	10	264.36	25	262.67		
25	277.98	MAR 05	274.98	15	263.30	30	263.22		
26	277.85	10	275.58	20	262.79	31	263.44		

WATER YEAR 1991 HIGHEST 261.88 JUN 26, 1991 LOWEST 277.98 DEC 25, 1990  
PERIOD OF RECORD HIGHEST 261.88 JUN 26, 1991 LOWEST 277.98 DEC 25, 1990  
RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991 86 ENTRIES

SITE NUMBER: 293617098194001  
LOCAL WELL NUMBER: AY-68-30-211

IN SAN ANTONIO, ON THE NORTH CORNER OF THE INTERSECTION OF FM 2252 AND EVANS ROAD. OBSERVATION WELL. DRILLED 10 INCH DIAMETER TO A DEPTH OF 238 FEET AND 6 INCH FROM 238 FEET TO 777.5 FEET, COMPLETED OPEN HOLE FROM 238 FEET TO 777.5 FEET. ALTITUDE OF LAND-SURFACE DATUM 776.45 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 06	125.64	APR 29	122.12	JUL 01	126.82	SEP 17	133.05
APR 01	128.63	MAY 29	122.09	AUG 01	134.20		

WATER YEAR 1991 HIGHEST 122.09 MAY 29, 1991 LOWEST 134.20 AUG 01, 1991  
PERIOD OF RECORD HIGHEST 94.48 DEC 01, 1973 LOWEST 144.17 AUG 07, 1964  
RECORD AVAILABLE FROM AUG 07, 1964 TO SEP 17, 1991 43 ENTRIES

SITE NUMBER: 292845098255401  
LOCAL WELL NUMBER: AY-68-37-203

IN SAN ANTONIO, IMMEDIATELY NORTHEAST OF INTERSECTION OF HARRY WURZBACH AND WINANS ROAD AT ENTRANCE TO FORT SAM HOUSTON. OBSERVATION WELL. DIAMETER 8 INCHES FROM 0 TO 491 FEET, DIAMETER 6 INCHES FROM 491 TO 874 FEET. ALTITUDE OF LAND-SURFACE DATUM 730.8 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	86.01	JAN 01	78.63	MAR 15	75.15	MAY 30	72.40	AUG 01	84.85
10	83.35	05	77.65	20	73.83	31	73.70	05	87.07
15	82.40	10	76.76	25	73.97	JUN 01	74.08	10	86.99
20	82.35	15	76.24	30	76.16	05	77.85	15	89.26
25	81.12	21	73.42	31	76.65	10	80.60	20	88.71
31	81.44	25	73.10	APR 04	77.14	14	83.60	22	90.27
NOV 05	80.20	27	72.60	05	71.35	15	83.23	25	86.44
10	78.03	30	73.10	10	66.51	20	82.34	30	88.44
15	78.17	FEB 01	73.14	15	65.75	25	77.50	SEP 01	86.10
20	78.14	05	70.68	20	66.22	30	75.63	05	84.15
25	77.40	10	69.31	25	67.56	JUL 05	74.48	10	83.41
30	78.27	15	70.37	30	69.45	09	73.50	15	82.05
DEC 05	78.53	20	70.27	MAY 05	65.85	10	73.60	20	81.30
10	78.44	25	70.50	10	63.45	15	76.78	25	80.00
15	78.30	28	70.92	15	62.57	20	80.12	26	79.91
20	78.61	MAR 02	70.74	19	62.38	25	80.32	30	80.33
25	80.08	05	71.55	20	62.52	30	83.20		
31	78.60	10	74.10	25	65.64	31	84.15		

WATER YEAR 1991 HIGHEST 62.38 MAY 19, 1991 LOWEST 90.27 AUG 22, 1991  
PERIOD OF RECORD HIGHEST 31.71 JUN 15, 1987 LOWEST 107.78 JUN 30, 1990  
RECORD AVAILABLE FROM JAN 05, 1971 TO SEP 30, 1991 1500 ENTRIES



## WATER QUALITY, BEXAR COUNTY

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)		
AY-68-21-804	04-23-91	1030	310	120	2.2	4.8	0.60	2.3	20	<0.10		
AY-68-27-303	04-23-91	1200	270	93	9.6	5.9	0.80	9.1	9.1	<0.10		
AY-68-27-503	04-23-91	1330	250	72	17	8.1	1.1	16	13	0.20		
AY-68-28-514	07-16-91	0830	280	99	9.0	8.4	1.1	15	15	0.20		
AY-68-28-608	04-08-91	1130	190	66	5.6	3.5	1.1	10	6.6	0.10		
AY-68-28-702	07-23-91	0800	290	89	16	9.4	1.3	26	15	0.20		
AY-68-28-903	08-15-91	0925	400	140	12	29	2.0	27	33	0.20		
AY-68-28-920	06-11-91	0900	450	170	6.0	46	1.7	32	44	0.20		
AY-68-29-210	04-23-91	0900	270	95	8.3	5.0	0.70	11	6.2	<0.10		
AY-68-29-405	07-15-91	1130	340	120	8.9	12	1.8	13	19	0.20		
AY-68-29-702	07-15-91	1000	290	93	13	9.9	1.1	28	16	0.20		
AY-68-29-915	07-16-91	1030	240	70	15	11	1.3	19	18	0.30		
AY-68-29-920	06-11-91	1140	240	70	16	10	1.2	18	20	0.30		
AY-68-29-925	06-11-91	1100	230	52	25	11	1.7	36	17	1.0		
AY-68-36-802	08-15-91	1125	240	57	24	11	1.2	28	19	0.40		
AY-68-36-803	08-15-91	1205	240	70	15	9.7	1.1	15	21	0.20		
AY-68-36-908	08-15-91	1040	240	68	17	10	1.1	20	21	0.30		
AY-68-37-508	06-11-91	1300	240	69	17	9.8	1.2	22	22	0.30		
AY-68-37-521	10-22-90	1030	2100	530	190	460	28	1700	990	1.7		
	11-23-90	1330	2200	540	200	460	27	1900	860	2.1		
	12-20-90	1130	2100	530	200	450	28	1700	850	2.1		
	01-22-91	1040	2100	540	190	470	29	1700	920	3.1		
	02-21-91	1050	2200	560	200	470	30	1500	910	2.5		
	03-19-91	1520	2200	530	210	460	28	1600	920	2.7		
	04-22-91	1110	1900	450	200	470	28	2100	900	1.7		
	05-21-91	1430	2300	580	210	460	29	1900	950	2.4		
	06-24-91	1150	2100	530	190	470	29	1800	890	2.8		
	07-22-91	1150	2200	560	200	460	28	1900	890	2.6		
	08-19-91	1200	2200	550	200	460	30	1900	910	3.7		
	09-23-91	1330	2200	560	200	460	28	1800	860	2.8		
LOCAL WELL NUMBER	DATE		SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
AY-68-21-804	04-23-91	12	330	--	<0.010	<0.010	<0.010	<0.20	1.90	<0.010	<1	30
AY-68-27-303	04-23-91	11	287	2.7	<0.010	<0.010	<0.010	0.30	2.40	<0.010	<1	32
AY-68-27-503	04-23-91	10	286	--	0.010	<0.010	<0.010	<0.20	1.50	0.010	<1	27
AY-68-28-514	07-16-91	12	321	--	0.060	<0.010	<0.010	<0.20	1.30	<0.010	<1	34
AY-68-28-608	04-08-91	8.5	204	1.0	<0.010	0.040	0.040	0.30	0.750	0.050	<1	20
AY-68-28-702	07-23-91	11	320	2.0	<0.010	<0.010	<0.010	0.30	1.70	<0.010	<1	33
AY-68-28-903	08-15-91	17	476	0.77	0.140	<0.010	<0.010	0.20	0.570	<0.010	<1	63
AY-68-28-920	06-11-91	21	591	0.63	0.060	<0.010	<0.010	0.30	0.330	0.020	<1	93
AY-68-29-210	04-23-91	10	299	--	<0.010	<0.010	<0.010	<0.20	1.30	<0.010	<1	30
AY-68-29-405	07-15-91	14	376	--	0.060	<0.010	<0.010	<0.20	2.20	<0.010	<1	50
AY-68-29-702	07-15-91	11	329	--	0.060	<0.010	<0.010	<0.20	1.60	<0.010	<1	33
AY-68-29-915	07-16-91	12	277	--	0.080	<0.010	<0.010	<0.20	1.80	0.030	<1	46
AY-68-29-920	06-11-91	12	275	2.4	<0.010	<0.010	<0.010	0.20	2.20	0.020	<1	71
AY-68-29-925	06-11-91	10	274	--	0.100	<0.010	<0.010	0.30	<0.050	0.020	<1	46
AY-68-36-802	08-15-91	12	279	--	0.020	<0.010	<0.010	<0.20	0.930	<0.010	1	160
AY-68-36-803	08-15-91	12	268	--	0.020	<0.010	<0.010	<0.20	2.00	<0.010	<1	51
AY-68-36-908	08-15-91	12	272	2.0	0.020	<0.010	<0.010	0.30	1.70	0.010	<1	93
AY-68-37-508	06-11-91	12	277	2.0	<0.010	<0.010	<0.010	0.30	1.70	0.020	<1	110
AY-68-37-521	10-22-90	20	4070	--	--	--	--	--	--	--	--	--
	11-23-90	19	4150	--	--	--	--	--	--	--	--	--
	12-20-90	19	3930	--	--	--	--	--	--	--	--	--
	01-22-91	19	4020	--	--	--	--	--	--	--	--	--
	02-21-91	19	3840	--	--	--	--	--	--	--	<1	100
	03-19-91	19	3920	--	--	--	--	--	--	--	--	--
	04-22-91	19	4320	--	--	--	--	--	--	--	--	--
	05-21-91	19	4300	--	--	--	--	--	--	--	--	--
	06-24-91	19	4080	--	--	--	--	--	--	--	--	--
	07-22-91	19	4210	--	--	--	--	--	--	--	--	--
	08-19-91	19	4230	--	--	--	--	--	--	--	--	--
	09-23-91	19	4080	--	--	--	--	--	--	--	--	--

See footnote at end of table.

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY DIS- SOLVED (UG/L AS HG)
AY-68-21-804	04-23-91	<1.0	<1	1	4	<1	<1	<1.0	590	<1	2.7
AY-68-27-303	04-23-91	<1.0	<1	6	88	1	7	<1.0	870	<1	<0.1
AY-68-27-503	04-23-91	<1.0	<1	4	9	5	<1	<1.0	320	<2	0.2
AY-68-28-514	07-16-91	<1.0	<1	9	<3	<1	<1	<1.0	8	<1	<0.1
AY-68-28-608	04-08-91	<1.0	<1	2	9	1	2	<1.0	180	<1	<0.1
AY-68-28-702	07-23-91	<1.0	<1	6	3	<1	<1	<1.0	9	<1	<0.1
AY-68-28-903	08-15-91	<1.0	<1	9	7	4	1	<1.0	39	<1	0.7
AY-68-28-920	06-11-91	<1.0	<1	2	92	2	92	<1.0	1000	<1	<0.1
AY-68-29-210	04-23-91	<1.0	<1	<1	29	2	3	<1.0	960	<2	<0.1
AY-68-29-405	07-15-91	<1.0	<1	13	40	1	<1	<1.0	33	<1	<0.1
AY-68-29-702	07-15-91	<1.0	<1	12	3	1	<1	<1.0	10	<1	<0.1
AY-68-29-915	07-16-91	<1.0	<1	6	<3	<1	<1	<1.0	<3	<1	<0.1
AY-68-29-920	06-11-91	<1.0	<1	5	7	1	<1	<1.0	16	<1	<0.1
AY-68-29-925	06-11-91	<1.0	<1	1	1000	1	30	<1.0	140	<1	<0.1
AY-68-36-802	08-15-91	<1.0	<1	2	<3	<1	<1	<1.0	6	2	0.1
AY-68-36-803	08-15-91	<1.0	<1	2	<3	2	<1	<1.0	7	<1	0.2
AY-68-36-908	08-15-91	<1.0	<1	1	<3	<1	<1	<1.0	10	<1	<0.1
AY-68-37-508	06-11-91	<1.0	<1	4	6	1	<1	<1.0	21	<1	0.1
AY-68-37-521	10-22-90	--	--	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--	--	--
	02-21-91	<1.0	2	<1	60	<1	20	<1.0	<10	<1	0.1
	03-19-91	--	--	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--	--	--
	06-24-91	--	--	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--	--	--
	09-23-91	--	--	--	--	--	--	--	--	--	--
LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CAC03)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)			
AY-68-37-522	10-22-90	1045	1700	420	150	350	24	1300			
	11-23-90	1400	1700	420	150	360	23	1400			
	12-20-90	1140	1700	420	150	350	22	1200			
	01-22-91	1030	1600	420	140	350	24	1700			
	02-21-91	1100	1700	420	150	360	23	1500			
	03-19-91	1440	1700	430	160	360	23	1600			
	04-22-91	1120	1600	400	150	350	23	1500			
	05-21-91	1450	1700	440	150	350	23	1400			
	07-22-91	1200	1700	430	150	360	22	1400			
	08-19-91	1345	1700	430	160	350	24	1400			
AY-68-37-523	10-22-90	1100	2200	530	210	440	29	1800			
	11-23-90	1420	2200	530	210	490	29	1800			
	12-20-90	1150	2200	520	210	480	29	1900			
	01-22-91	1050	2200	540	200	500	30	1900			
	02-21-91	1115	2200	540	210	500	31	2200			
	03-19-91	1600	2200	530	220	500	30	1900			
	04-22-91	1130	2200	550	210	490	29	1900			
	05-21-91	1515	2300	560	210	510	29	2000			
	06-24-91	1215	2200	520	210	500	30	1900			
	07-22-91	1210	2300	560	220	500	29	1900			
	08-19-91	1400	2300	550	220	500	29	1800			
	09-23-91	1350	2200	550	210	490	30	2000			
AY-68-37-524	10-22-90	1000	370	96	31	47	4.3	180			
	11-23-90	1500	370	97	32	48	4.1	180			
	12-20-90	0940	370	94	32	47	4.2	200			
	01-22-91	0930	370	96	32	48	4.4	190			
	02-21-91	0920	380	98	32	48	4.3	210			
	03-19-91	1245	370	96	32	46	4.6	210			
	04-22-91	0945	370	97	32	47	4.6	190			
	05-21-91	1345	370	96	32	46	4.4	200			

See footnote at end of table.

## WATER QUALITY, BEXAR COUNTY--Continued

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	CADMIUM, DIS- SOLVED (UG/L AS CD)	CHROMIUM, DIS- SOLVED (UG/L AS CR)
AY-68-37-522	10-22-90	700	1.5	18	3100	--	--	--	--
	11-23-90	670	2.3	18	3180	--	--	--	--
	12-20-90	660	2.4	17	2960	--	--	--	--
	01-22-91	660	2.0	17	3450	--	--	--	--
	02-21-91	660	2.6	17	3270	<1	100	<1.0	1
	03-19-91	680	2.8	18	3410	--	--	--	--
	04-22-91	680	1.8	17	3260	--	--	--	--
	05-21-91	710	2.4	18	3230	--	--	--	--
	07-22-91	670	2.2	17	3190	--	--	--	--
	08-19-91	690	3.1	18	3210	--	--	--	--
	10-22-90	1000	1.5	19	4180	--	--	--	--
	11-23-90	920	2.7	18	4150	--	--	--	--
	12-20-90	960	3.3	18	4270	--	--	--	--
	01-22-91	990	3.2	18	4330	--	--	--	--
	02-21-91	990	2.7	18	4640	<1	100	<1.0	1
	03-19-91	1100	3.4	18	4450	--	--	--	--
AY-68-37-523	04-22-91	950	1.7	18	4300	--	--	--	--
	05-21-91	950	2.7	18	4430	--	--	--	--
	06-24-91	950	2.6	18	4280	--	--	--	--
	07-22-91	970	2.6	18	4350	--	--	--	--
	08-19-91	990	5.0	18	4270	--	--	--	--
	09-23-91	820	2.5	19	4270	--	--	--	--
	10-22-90	80	1.1	15	577	--	--	--	--
	11-23-90	76	1.1	14	578	--	--	--	--
	12-20-90	80	1.4	14	617	--	--	--	--
	01-22-91	83	1.3	14	592	--	--	--	--
	02-21-91	80	1.1	14	616	9	60	1.0	<1
	03-19-91	82	1.1	14	607	--	--	--	--
	04-22-91	82	1.2	14	591	--	--	--	--
	05-21-91	81	1.1	14	596	--	--	--	--
	08-19-91	990	5.0	18	4270	--	--	--	--
	09-23-91	820	2.5	19	4270	--	--	--	--
AY-68-37-524	10-22-90	80	1.1	15	577	--	--	--	--
	11-23-90	76	1.1	14	578	--	--	--	--
	12-20-90	80	1.4	14	617	--	--	--	--
	01-22-91	83	1.3	14	592	--	--	--	--
	02-21-91	80	1.1	14	616	9	60	1.0	<1
	03-19-91	82	1.1	14	607	--	--	--	--
	04-22-91	82	1.2	14	591	--	--	--	--
	05-21-91	81	1.1	14	596	--	--	--	--
	08-19-91	990	5.0	18	4270	--	--	--	--
	09-23-91	820	2.5	19	4270	--	--	--	--
	10-22-90	80	1.1	15	577	--	--	--	--
	11-23-90	76	1.1	14	578	--	--	--	--
	12-20-90	80	1.4	14	617	--	--	--	--
	01-22-91	83	1.3	14	592	--	--	--	--
	02-21-91	80	1.1	14	616	9	60	1.0	<1
	03-19-91	82	1.1	14	607	--	--	--	--
	04-22-91	82	1.2	14	591	--	--	--	--
	05-21-91	81	1.1	14	596	--	--	--	--
LOCAL WELL NUMBER	DATE	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY DIS- SOLVED (UG/L AS HG)
AY-68-37-522	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	<1	170	<1	40	<1.0	<10	<1	0.2
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	<1	50	<1	30	<1.0	<10	<1	0.8
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
AY-68-37-523	05-21-91	--	--	--	--	--	--	--	--
	06-24-91	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
	09-23-91	--	--	--	--	--	--	--	--
	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	<1	50	<1	30	<1.0	<10	<1	0.8
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--
	06-24-91	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
AY-68-37-524	09-23-91	--	--	--	--	--	--	--	--
	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	1	1800	<1	19	<1.0	11	<1	0.1
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
	09-23-91	--	--	--	--	--	--	--	--
	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	1	1800	<1	19	<1.0	11	<1	0.1
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--

See footnote at end of table.

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CAC03)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	
AY-68-37-524	06-24-91	1030	380	97	33	49	4.7	190	
	07-22-91	1030	380	98	32	47	4.0	190	
	08-19-91	1200	390	100	33	46	4.6	190	
AY-68-37-525	10-22-90	1015	2400	550	240	510	32	2000	
	11-23-90	1530	2400	560	240	540	31	2100	
	12-20-90	0950	2400	550	240	540	32	2100	
	01-22-91	0940	2400	570	230	570	33	1800	
	02-21-91	0930	2400	570	240	570	33	1700	
	03-19-91	1330	2400	550	250	560	33	2100	
	04-22-91	1000	2500	580	250	580	32	2100	
	05-21-91	1400	2500	600	250	560	33	2100	
	06-24-91	1045	2300	540	240	570	32	2100	
	07-22-91	1040	2500	570	250	570	33	2000	
	08-19-91	1210	2500	560	260	560	33	2000	
	09-23-91	1215	2400	580	240	560	34	2200	
	AY-68-37-526	10-22-90	0835	370	95	33	44	3.3	160
		11-23-90	1120	360	90	32	41	2.9	140
		12-20-90	0820	370	93	34	45	3.2	180
		01-22-91	0830	360	92	32	41	3.1	150
		02-21-91	0810	370	94	33	42	3.1	170
		03-19-91	1010	360	90	32	40	3.0	150
04-22-91		0845	370	92	33	41	3.0	160	
05-21-91		1215	370	93	33	43	3.2	170	
06-24-91		0915	350	89	32	43	3.4	150	
07-22-91		0915	340	85	32	45	3.2	150	
08-19-91		0850	390	98	36	47	3.7	170	
09-23-91		1040	380	95	35	45	3.6	170	
AY-68-37-527		10-22-90	0820	240	67	17	11	1.2	26
		11-23-90	1030	240	67	17	12	1.2	28
		12-20-90	0810	230	66	17	12	1.3	34

LOCAL WELL NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	
AY-68-37-524	06-24-91	82	1.1	14	593	--	--	--	--	
	07-22-91	84	1.1	14	592	--	--	--	--	
	08-19-91	81	1.2	14	593	--	--	--	--	
AY-68-37-525	10-22-90	1100	1.4	19	4580	--	--	--	--	
	11-23-90	1000	2.5	18	4650	--	--	--	--	
	12-20-90	1100	3.0	18	4700	--	--	--	--	
	01-22-91	1100	3.1	18	4470	--	--	--	--	
	02-21-91	1100	2.7	18	4380	<1	100	<1.0	1	
	03-19-91	1100	4.6	18	4770	--	--	--	--	
	04-22-91	1100	1.7	18	4810	--	--	--	--	
	05-21-91	370	3.1	18	4080	--	--	--	--	
	06-24-91	1100	2.7	18	4750	--	--	--	--	
	07-22-91	1100	2.5	18	4690	--	--	--	--	
	08-19-91	1100	3.3	18	4680	--	--	--	--	
	09-23-91	1000	2.5	18	4780	--	--	--	--	
	AY-68-37-526	10-22-90	83	0.60	12	555	--	--	--	--
		11-23-90	72	0.60	11	513	--	--	--	--
		12-20-90	82	0.60	12	580	--	--	--	--
		01-22-91	80	0.70	11	536	--	--	--	--
		02-21-91	82	0.70	12	565	<1	120	2.0	<1
		03-19-91	77	0.60	11	529	--	--	--	--
04-22-91		80	0.70	12	549	--	--	--	--	
05-21-91		82	0.70	12	560	--	--	--	--	
06-24-91		81	0.60	11	532	--	--	--	--	
07-22-91		84	0.50	11	527	--	--	--	--	
08-19-91		90	0.70	12	582	--	--	--	--	
09-23-91		86	0.60	12	574	--	--	--	--	
AY-68-37-527		10-22-90	23	0.10	12	280	--	--	--	--
		11-23-90	24	0.50	12	276	--	--	--	--
		12-20-90	26	0.60	12	289	--	--	--	--

See footnote at end of table.



WATER QUALITY, BEXAR COUNTY--Continued  
INORGANIC DATA--Continued  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGANESE, DIS-SOLVED (UG/L AS MN)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, DIS-SOLVED (UG/L AS ZN)	SELENIUM, DIS-SOLVED (UG/L AS SE)	MERCURY DIS-SOLVED (UG/L AS HG)
AY-68-37-524	06-24-91	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
AY-68-37-525	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	<1	80	<1	30	<1.0	<10	<1	0.1
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--
	06-24-91	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
	09-23-91	--	--	--	--	--	--	--	--
AY-68-37-526	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--
	01-22-91	--	--	--	--	--	--	--	--
	02-21-91	1	1700	<1	47	<1.0	8	<1	0.1
	03-19-91	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--
	06-24-91	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
	09-23-91	--	--	--	--	--	--	--	--
AY-68-37-527	10-22-90	--	--	--	--	--	--	--	--
	11-23-90	--	--	--	--	--	--	--	--
	12-20-90	--	--	--	--	--	--	--	--

LOCAL WELL NUMBER	DATE	TIME	HARDNESS TOTAL (MG/L AS CAC03)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNESIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTASSIUM, DIS-SOLVED (MG/L AS K)	SULFATE, DIS-SOLVED (MG/L AS SO4)	CHLORIDE, DIS-SOLVED (MG/L AS CL)	FLUORIDE, DIS-SOLVED (MG/L AS F)
AY-68-37-527	01-22-91	0815	240	67	17	12	1.3	34	24	0.20
	02-21-91	0800	240	68	17	12	1.3	30	23	0.20
	03-19-91	1130	240	67	17	12	1.3	29	24	0.30
	04-22-91	0850	230	66	17	11	1.2	28	23	0.20
	05-21-91	1200	230	66	17	11	1.3	25	23	0.30
	06-24-91	0800	240	68	18	12	1.4	30	24	0.30
	07-22-91	0840	240	68	18	13	1.3	32	25	0.30
	08-19-91	0840	240	68	17	11	1.2	30	24	0.20
AY-68-43-610	09-23-91	1015	250	69	18	12	1.2	30	22	0.30
	03-14-91	1200	290	81	22	20	1.8	87	38	0.40
AY-68-44-203	08-15-91	1240	240	68	16	9.9	1.1	21	21	0.20

LOCAL WELL NUMBER	DATE	SILICA, DIS-SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L)	NITROGEN, TOTAL (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS TOTAL (MG/L AS P)	ARSENIC, DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)
AY-68-37-527	01-22-91	12	289	--	--	--	--	--	--	--	--
	02-21-91	12	282	--	--	--	--	--	--	<1	100
	03-19-91	12	283	--	--	--	--	--	--	--	--
	04-22-91	12	280	--	--	--	--	--	--	--	--
	05-21-91	12	282	--	--	--	--	--	--	--	--
	06-24-91	12	284	--	--	--	--	--	--	--	--
	07-22-91	12	288	--	--	--	--	--	--	--	--
	08-19-91	12	282	--	--	--	--	--	--	--	--
AY-68-43-610	09-23-91	12	286	--	--	--	--	--	--	--	--
	03-14-91	12	414	--	--	--	--	--	--	20	96
AY-68-44-203	08-15-91	12	272	2.0	0.010	<0.010	0.30	1.70	<0.010	<1	90

See footnote at end of table.

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY DIS- SOLVED (UG/L AS HG)
AY-68-37-527	01-22-91	--	--	--	--	--	--	--	--	--	--
	02-21-91	<1.0	<1	<1	51	<1	7	<1.0	8	<1	<0.1
	03-19-91	--	--	--	--	--	--	--	--	--	--
	04-22-91	--	--	--	--	--	--	--	--	--	--
	05-21-91	--	--	--	--	--	--	--	--	--	--
	06-24-91	--	--	--	--	--	--	--	--	--	--
	07-22-91	--	--	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--	--	--
	09-23-91	--	--	--	--	--	--	--	--	--	--
AY-68-43-610	03-14-91	<1.0	<1	<1	75	<1	<1	<1.0	<3	<1	<0.1
AY-68-44-203	08-15-91	<1.0	<1	3	7	<1	<1	<1.0	12	<1	<0.1

&lt; Actual value is less than value shown.

WATER QUALITY, BEXAR COUNTY--Continued  
ORGANIC DATA  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	PER- THANE TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	LINDANE TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
AY-68-21-804	04-23-91	1030	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
AY-68-27-303	04-23-91	1200	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
AY-68-27-503	04-23-91	1330	--	--	--	--	--	--	--	--
AY-68-28-608	04-08-91	1130	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
AY-68-28-903	08-15-91	0925	--	--	--	--	--	--	--	--
AY-68-28-920	06-11-91	0900	--	--	--	--	--	--	--	--
AY-68-29-210	04-23-91	0900	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
AY-68-29-920	06-11-91	1140	--	--	--	--	--	--	--	--
AY-68-29-925	06-11-91	1100	--	--	--	--	--	--	--	--
AY-68-36-802	08-15-91	1125	--	--	--	--	--	--	--	--
AY-68-36-803	08-15-91	1205	--	--	--	--	--	--	--	--
AY-68-36-908	08-15-91	1040	--	--	--	--	--	--	--	--
AY-68-44-203	08-15-91	1240	--	--	--	--	--	--	--	--

LOCAL WELL NUMBER	DATE	DI- ELDRIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	PCB, TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)
AY-68-21-804	04-23-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
AY-68-27-303	04-23-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
AY-68-27-503	04-23-91	--	--	--	--	--	--	--	--	--
AY-68-28-608	04-08-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
AY-68-28-903	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-28-920	06-11-91	--	--	--	--	--	--	--	--	--
AY-68-29-210	04-23-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
AY-68-29-920	06-11-91	--	--	--	--	--	--	--	--	--
AY-68-29-925	06-11-91	--	--	--	--	--	--	--	--	--
AY-68-36-802	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-36-803	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-36-908	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-44-203	08-15-91	--	--	--	--	--	--	--	--	--

LOCAL WELL NUMBER	DATE	PARA- THION, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	2,4-D, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	MIREX, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
AY-68-21-804	04-23-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AY-68-27-303	04-23-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AY-68-27-503	04-23-91	--	--	--	--	--	--	--	--	--
AY-68-28-608	04-08-91	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AY-68-28-903	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-28-920	06-11-91	--	--	--	--	--	--	--	--	--
AY-68-29-210	04-23-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AY-68-29-920	06-11-91	--	--	--	--	--	--	--	--	--
AY-68-29-925	06-11-91	--	--	--	--	--	--	--	--	--
AY-68-36-802	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-36-803	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-36-908	08-15-91	--	--	--	--	--	--	--	--	--
AY-68-44-203	08-15-91	--	--	--	--	--	--	--	--	--

See footnote at end of table.

## WATER QUALITY, BEXAR COUNTY--Continued

25

## ORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	DI- CHLORO- BROMO- METHANE TOTAL (UG/L)	CARBON- TETRA- CHLO- RIDE TOTAL (UG/L)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L)	BROMO- FORM TOTAL (UG/L)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L)	CHLORO- FORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	CHLORO- BENZENE TOTAL (UG/L)
AY-68-21-804	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-27-303	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-27-503	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-28-608	04-08-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-28-903	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-28-920	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-29-210	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-29-920	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-29-925	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-36-802	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-36-803	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-36-908	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-44-203	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
LOCAL WELL NUMBER	DATE	CHLORO- ETHANE TOTAL (UG/L)	ETHYL- BENZENE TOTAL (UG/L)	METHYL- BROMIDE TOTAL (UG/L)	METHYL- ENE CHLO- RIDE TOTAL (UG/L)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L)
AY-68-21-804	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-27-303	04-23-91	<0.20	<0.20	<0.20	0.60	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-27-503	04-23-91	<0.20	<0.20	<0.20	<0.20	0.20	<0.20	<0.20	<0.20	<0.20
AY-68-28-608	04-08-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-28-903	08-15-91	<0.20	<0.20	<0.20	<0.20	2.0	<0.20	0.30	<0.20	<0.20
AY-68-28-920	06-11-91	<0.20	<0.20	<0.20	<0.20	4.1	<0.20	0.30	<0.20	<0.20
AY-68-29-210	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-29-920	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-29-925	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-36-802	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-36-803	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-36-908	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
AY-68-44-203	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
LOCAL WELL NUMBER	DATE	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L)	1,2- TRANS DI CHLORO- ETHENE TOTAL (UG/L)	1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	2- CHLORO- ETHYL- VINYL- ETHER TOTAL (UG/L)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L)	VINYL CHLO- RIDE TOTAL (UG/L)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L)
AY-68-21-804	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-27-303	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-27-503	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-28-608	04-08-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-28-903	08-15-91	<0.20	<0.20	0.20	1.0	<0.20	<0.20	1.6	<0.20	0.9
AY-68-28-920	06-11-91	<0.20	<0.20	<0.20	2.1	<0.20	<0.20	1.0	<0.20	2.3
AY-68-29-210	04-23-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-29-920	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-29-925	06-11-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-36-802	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-36-803	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-36-908	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
AY-68-44-203	08-15-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2

&lt; Actual value is less than value shown.



## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

BRAZORIA COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
BH-65-29-802	293040095260001 .....		28	
BH-65-43-803	291510095405201 .....		28	
BH-65-45-102	292204095281301 .....		28	

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

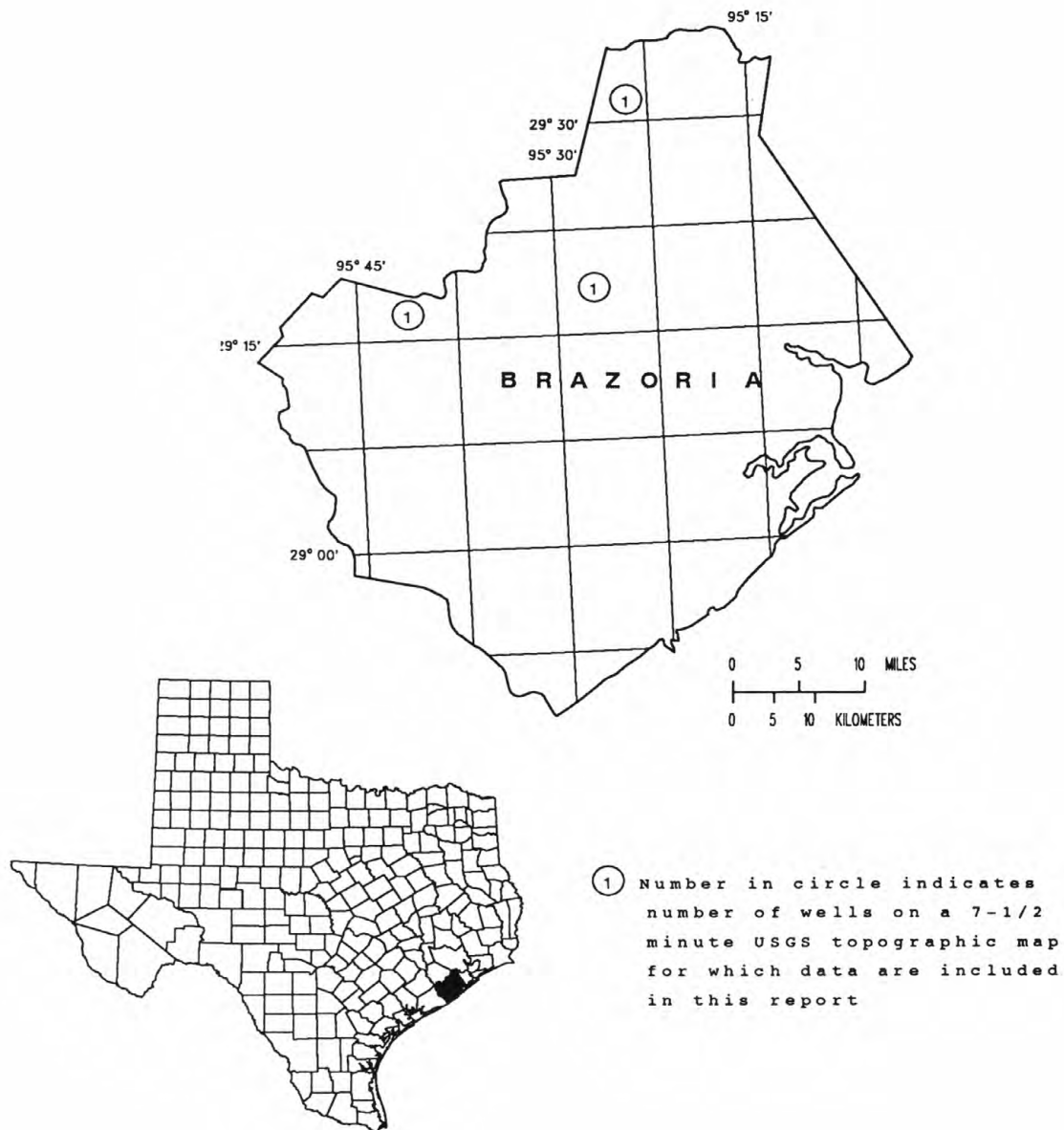


Figure 6.--Brazoria County map.

WATER LEVELS, BRAZORIA COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 293040095260001  
LOCAL WELL NUMBER: BH-65-29-802

MCMILLAN FARMS UNUSED WELL LOCATED 300 FEET NORTH OF POINT THAT IS 1.6 MILES EAST OF FARM TO MARKET ROAD 521 AND 1,584 FEET WEST OF SOUTHERN CROSS RANCH ROAD IN NORTH BRAZORIA COUNTY. DEPTH OF WELL 795 FEET. DIAMETER OF UPPER CASING 12.75 INCHES. SCREENED INTERVALS FROM 335 TO 785 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 67 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 24 110.23 SR

PERIOD OF RECORD    HIGHEST 109.50 JAN 31, 1990    LOWEST 110.23 JAN 24, 1991  
RECORD AVAILABLE FROM JAN 31, 1990 TO JAN 24, 1991    2 ENTRIES

SITE NUMBER: 291510095405201  
LOCAL WELL NUMBER: BH-65-43-803

CHARLES GLESS IRRIGATION WELL LOCATED 2,112 FEET EAST OF WHERE COUNTY ROAD 20 CHANGES DIRECTION FROM EAST-WEST TO NORTH-SOUTH WHICH IS 1.4 MILES EAST OF STATE HIGHWAY 36 IN BRAZORIA COUNTY. DEPTH OF WELL 887 FEET. DIAMETER OF UPPER CASING 12 INCHES. SCREENED INTERVALS FROM 401 TO 887 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 60 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 25 98.53 SR

PERIOD OF RECORD    HIGHEST 98.53 JAN 25, 1991    LOWEST 108 JUN 30, 1967  
RECORD AVAILABLE FROM JUN 30, 1967 TO JAN 25, 1991    3 ENTRIES

SITE NUMBER: 292204095281301  
LOCAL WELL NUMBER: BH-65-45-102

OTTO SENS CLUB RECREATIONAL WELL LOCATED 500 FEET WEST OF FARM TO MARKET ROAD 521 ON THE EAST BANK OF THURMOND LAKE IN BRAZORIA COUNTY. DEPTH OF WELL 923 FEET. DIAMETER OF UPPER CASING 13.38 INCHES. SCREENED INTERVALS FROM 297 TO 916 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 50 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 92.79 SR

PERIOD OF RECORD    HIGHEST 49.58 JAN 26, 1962    LOWEST 93.10 JAN 28, 1990  
RECORD AVAILABLE FROM JAN 30, 1961 TO JAN 28, 1991    31 ENTRIES

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

CHAMBERS COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
DH-64-09-301	295159094541601 .....			31	DH-64-17-311	294247094545801 .....			31
DH-64-11-816	294626094404401 .....			31	DH-64-21-205	294403094262701 .....			31
DH-64-13-601	294903094230001 .....			31	DH-64-26-701	293156094515501 .....			32

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record



## WATER RESOURCES DATA - TEXAS, 1991

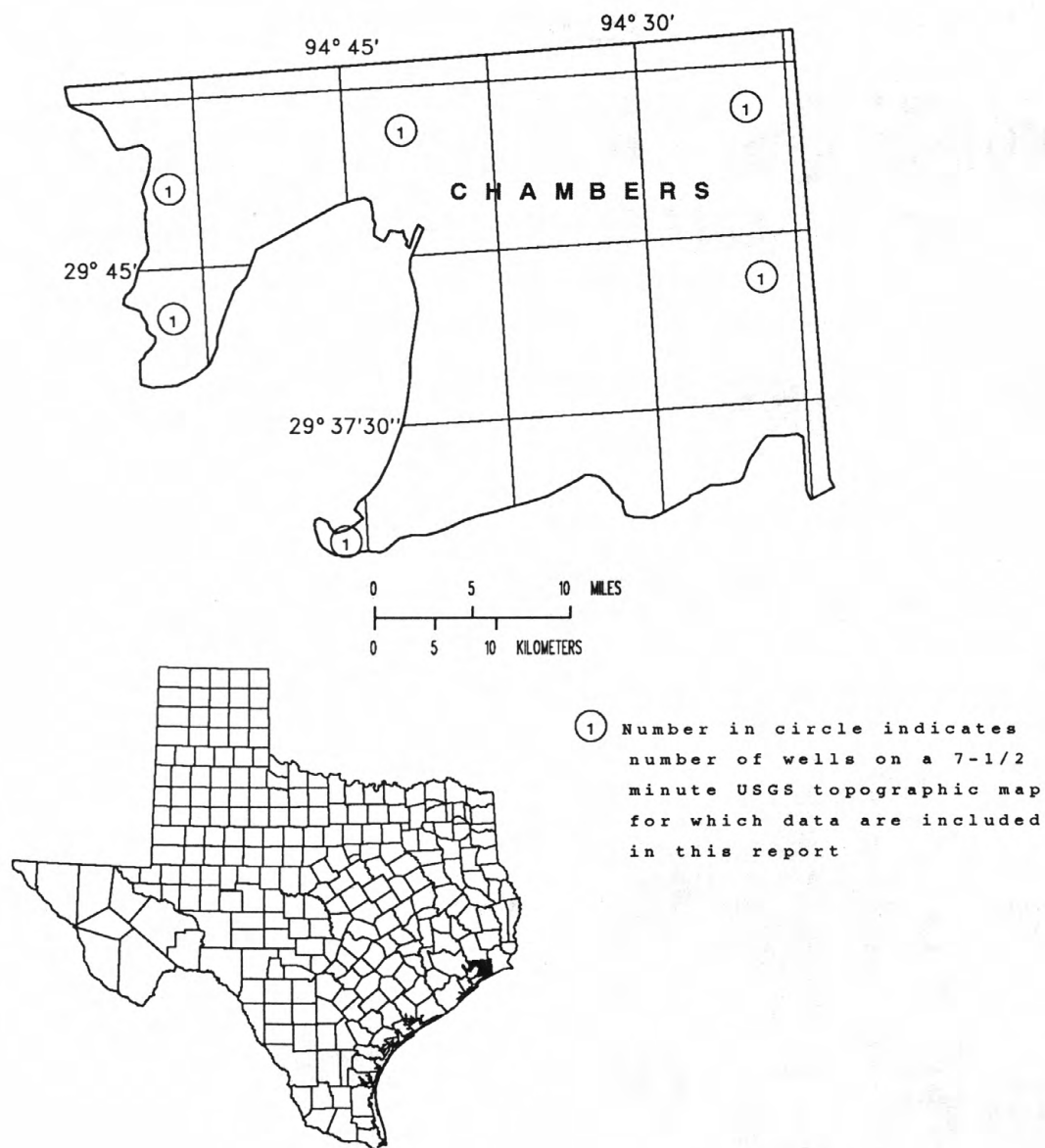


Figure 7.--Chambers County map.

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295159094541601  
LOCAL WELL NUMBER: DH-64-09-301

CHAMBERS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT, PUBLIC SUPPLY WELL NO. 5 LOCATED 3,700 FEET NORTHWEST OF FARM TO MARKET ROAD 1942 ON AN UNIMPROVED ROAD THAT INTERSECTS FARM TO MARKET ROAD 1942. THIS UNIMPROVED ROAD IS 1,650 FEET FROM THE INTERSECTION OF STATE HIGHWAY 146 AND FARM TO MARKET ROAD 1942. DEPTH OF WELL 530 FEET. SCREENED INTERVALS IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 43 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 24 117.97 S

PERIOD OF RECORD    HIGHEST 101.52 JAN 14, 1958    LOWEST 146.53 OCT 10, 1972  
RECORD AVAILABLE FROM JAN 14, 1958 TO JAN 24, 1991    21 ENTRIES

SITE NUMBER: 294626094404401  
LOCAL WELL NUMBER: DH-64-11-816

CITY OF ANAHUAC, PUBLIC SUPPLY WELL NO. 3 LOCATED 10 FEET NORTH OF LONE STAR CANAL AND 2,640 FEET EAST OF THE SOUTHERN TIP OF LAKE ANAHUAC. DEPTH OF WELL 100 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVAL FROM 80 TO 100 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 22 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 22.92 S

PERIOD OF RECORD    HIGHEST 22.92 JAN 28, 1991    LOWEST 33. FEB 02, 1981  
RECORD AVAILABLE FROM MAR 22, 1978 TO JAN 28, 1991    16 ENTRIES

SITE NUMBER: 294903094230001  
LOCAL WELL NUMBER: DH-64-13-601

TRINITY BAY CONSERVATION DISTRICT NO. 1, PUBLIC SUPPLY WELL LOCATED 200 FEET EAST OF HIGHWAY 124 AND 1.1 MILES SOUTH OF THE INTERSECTION OF HIGHWAY 124 AND INTERSTATE HIGHWAY 10. DEPTH OF WELL 147 FEET. SCREENED INTERVALS FROM 116 TO 146 FEET IN THE UPPER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 25 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 72.23 S

PERIOD OF RECORD    HIGHEST 35. SEP 1953    LOWEST 90. FEB 02, 1981  
RECORD AVAILABLE FROM SEP 1953 TO JAN 28, 1991    32 ENTRIES

SITE NUMBER: 294247094545801  
LOCAL WELL NUMBER: DH-64-17-311

WILBURN BROTHERS UNUSED WELL LOCATED 200 FEET WEST OF FARM TO MARKET ROAD 1405 ON AN ACCESS ROAD 3 MILES NORTH OF THE INTERSECTION OF FARM TO MARKET ROAD 1405 AND FARM TO MARKET ROAD 2354. DEPTH OF WELL 105 FEET. DIAMETER OF UPPER CASING 10 INCHES. SCREENED INTERVALS FROM 78 TO 105 FEET IN THE UPPER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 23 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 24 20.40 S

PERIOD OF RECORD    HIGHEST 19.50 MAR 19, 1987    LOWEST 22.94 MAR 08, 1977  
RECORD AVAILABLE FROM MAR 09, 1972 TO JAN 24, 1991    27 ENTRIES

SITE NUMBER: 294403094262701  
LOCAL WELL NUMBER: DH-64-21-205

SUN OIL COMPANY UNUSED WELL LOCATED 300 FEET NORTH OF FAIRVIEW ROAD ON AN ACCESS ROAD WHICH IS LOCATED 3.4 MILES EAST OF THE INTERSECTION OF FAIRVIEW ROAD AND FARM TO MARKET ROAD 1941. DEPTH OF WELL 150 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVALS IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 16 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 30.70 S

PERIOD OF RECORD    HIGHEST 19.96 MAR 15, 1967    LOWEST 33.66 FEB 10, 1983  
RECORD AVAILABLE FROM MAR 15, 1967 TO JAN 28, 1991    33 ENTRIES

WATER LEVELS, CHAMBERS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 293156094515501  
LOCAL WELL NUMBER: DH-64-26-701

EXXON CORPORATION INDUSTRIAL WELL LOCATED IN GALVESTON BAY 5 MILES WEST OF SMITH POINT AND 1.6 MILES NORTHEAST OF RED FISH ISLAND. DEPTH OF WELL 580 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVALS IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM SEA LEVEL.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

DEC 19 75.91 SR

PERIOD OF RECORD      HIGHEST 75.91 DEC 19, 1990      LOWEST 114.04 OCT 11, 1978  
RECORD AVAILABLE FROM NOV 29, 1966 TO DEC 19, 1990      27 ENTRIES

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

COCHRAN COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
DP-24-19-105	334404102414301 .....	35	36	

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record



## WATER RESOURCES DATA - TEXAS, 1991

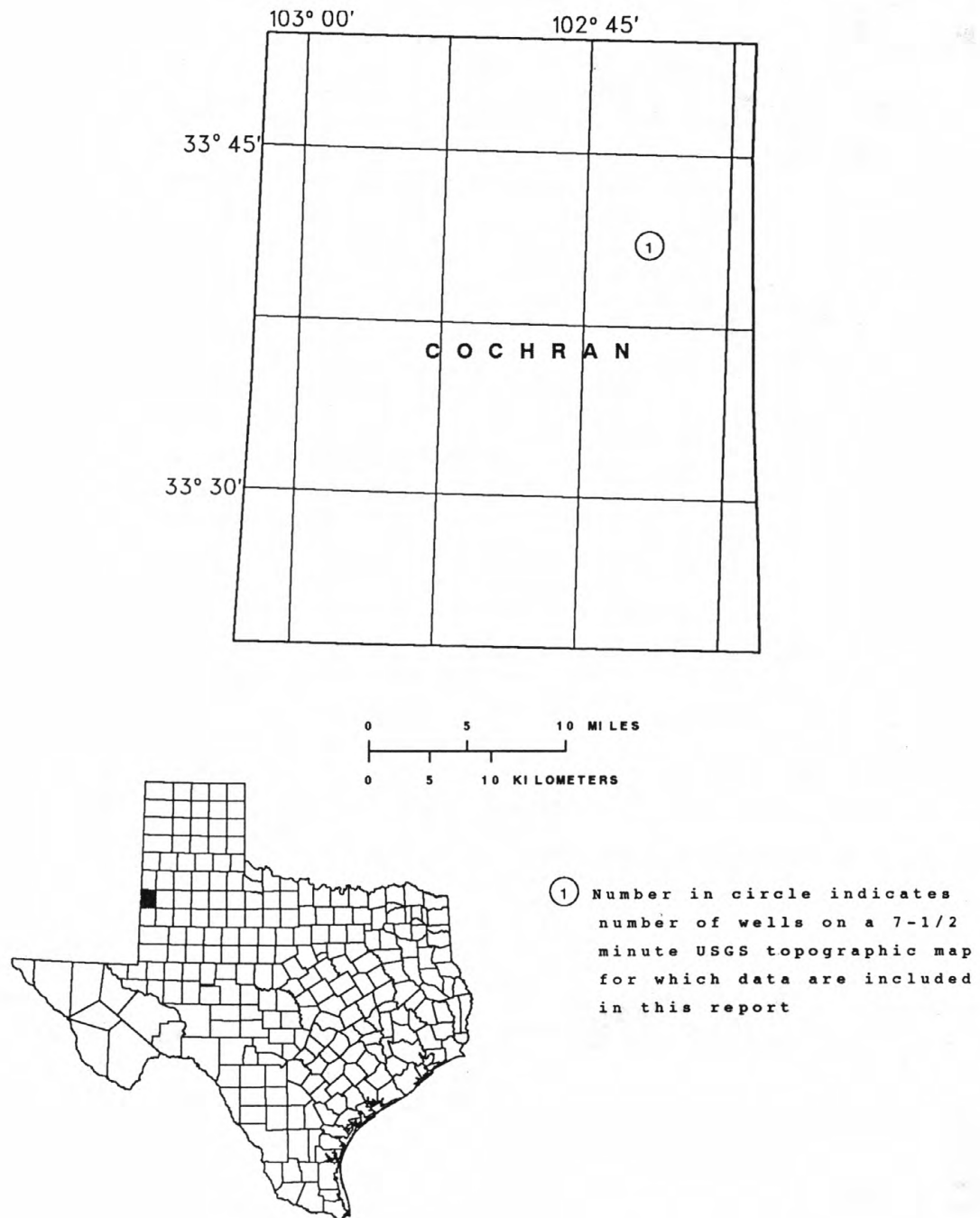


Figure 8.--Cochran County map.

## Cochran County

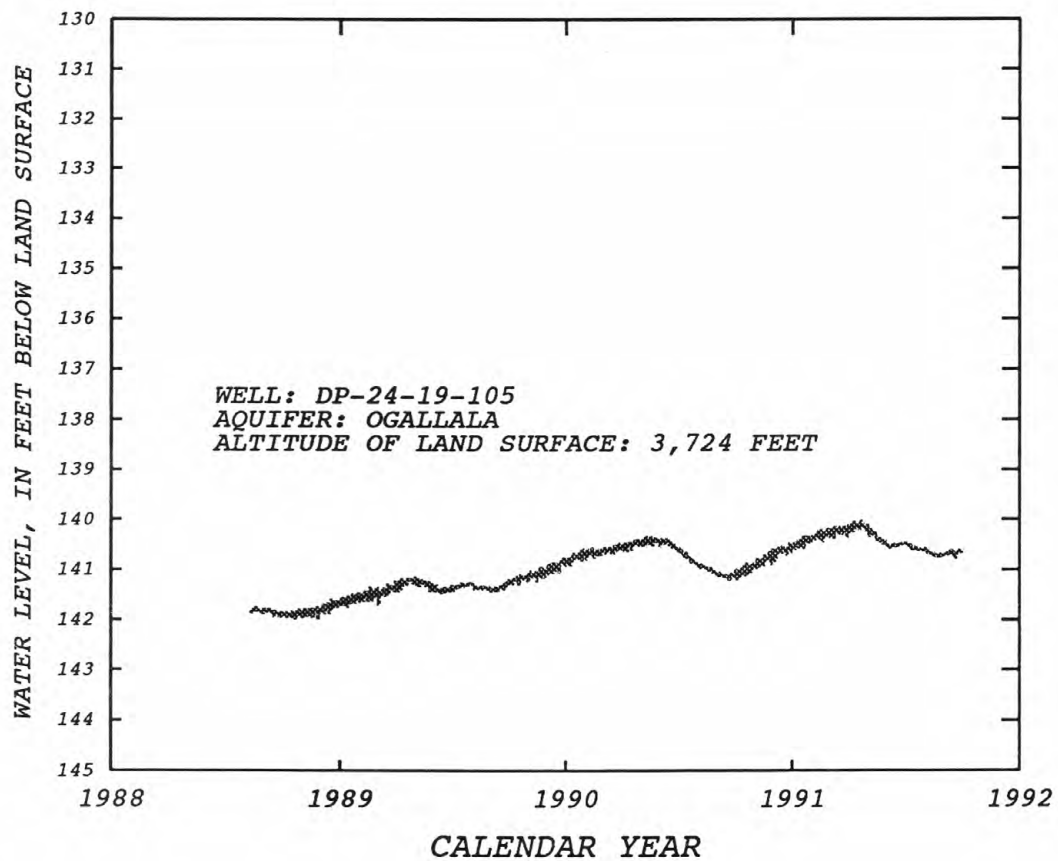


Figure 9.--Hydrograph for well DP-24-19-105.

WATER LEVELS, COCHRAN COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 334404102414301  
LOCAL WELL NUMBER: DP-24-19-105

LOCATED APPROXIMATELY 3.2 MILES EAST AND 0.5 MILE NORTH OF MORTON, TX. ON FM 1780. CASING DIAMETER 12 INCHES, DEPTH 168 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,724 FEET. OWNER: FRANK ROWLAND. OTHER IDENTIFIER: COCHRAN 1

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	141.08	140.88	140.72	140.53	140.40	140.22	140.13	140.21	140.51	140.48	140.59	140.71
2	140.98	140.87	140.66	140.57	140.36	140.32	140.12	140.10	140.53	140.49	140.58	140.70
3	141.10	140.97	140.84	140.57	140.32	140.36	140.25	140.21	140.51	140.48	140.63	140.72
4	141.20	140.93	140.70	140.46	140.41	140.23	140.25	140.26	140.51	140.48	140.63	140.72
5	141.05	140.78	140.58	140.51	140.36	140.18	140.18	140.34	140.54	140.49	140.62	140.68
6	141.00	140.94	140.77	140.60	140.41	140.27	140.09	140.22	140.58	140.49	140.66	140.72
7	141.10	140.94	140.68	140.49	140.39	140.29	140.08	140.20	140.54	140.52	140.68	140.68
8	141.10	140.81	140.65	140.46	140.29	140.29	140.20	140.29	140.53	140.54	140.65	140.67
9	141.15	140.94	140.66	140.51	140.33	140.38	140.26	140.24	140.54	140.50	140.67	140.70
10	140.97	140.87	140.62	140.43	140.36	140.17	140.04	140.28	140.55	140.52	140.68	140.68
11	140.99	140.90	140.55	140.57	140.32	140.14	140.10	140.32	140.52	140.58	140.69	140.66
12	141.09	140.86	140.66	140.47	140.22	140.26	140.18	140.30	140.49	140.59	140.68	e140.64
13	140.92	140.80	140.68	140.41	140.32	140.26	140.17	140.30	140.50	140.59	140.69	140.62
14	141.08	140.79	140.58	140.44	140.38	140.18	140.16	140.26	140.52	140.58	140.70	140.61
15	141.02	140.81	140.67	140.44	140.39	140.25	140.13	140.32	140.54	140.59	140.68	140.67
16	140.96	140.93	140.53	140.54	140.21	140.22	140.12	140.36	140.55	140.60	140.69	140.71
17	141.12	140.70	140.57	140.48	140.25	140.31	140.10	140.39	140.51	140.56	140.73	140.64
18	141.03	140.74	140.55	140.45	140.37	140.21	140.11	140.42	140.52	140.54	140.72	140.72
19	140.87	140.75	140.58	140.33	140.44	140.15	140.22	140.42	140.54	140.57	140.73	140.73
20	141.04	140.74	140.58	140.58	140.32	140.20	140.15	140.40	140.50	140.61	140.70	e140.79
21	141.09	140.81	140.66	140.45	140.29	140.18	140.01	140.38	140.48	140.61	140.74	e140.70
22	140.92	140.78	140.61	140.33	140.32	140.26	140.16	140.42	140.50	140.61	140.73	e140.69
23	141.01	140.76	140.71	140.43	140.23	140.30	140.12	140.45	140.50	140.60	140.73	e140.68
24	141.04	140.67	140.55	140.42	140.33	140.18	140.15	140.43	140.50	140.60	140.75	140.67
25	140.96	140.69	140.57	140.47	140.34	140.15	140.10	140.43	140.50	140.60	140.73	140.63
26	140.91	140.64	140.58	140.34	140.28	140.13	140.11	140.44	140.47	140.61	140.70	140.64
27	141.06	140.80	140.53	140.34	140.19	140.24	140.15	140.49	140.47	140.60	140.70	140.61
28	140.96	140.90	140.47	140.34	140.20	140.15	140.16	140.48	140.48	140.62	140.72	140.65
29	140.90	140.80	140.55	140.46	---	140.23	140.20	140.45	140.48	140.61	140.74	140.65
30	140.92	140.59	140.68	140.47	---	140.37	140.23	140.42	140.47	140.60	140.73	140.64
31	140.89	---	140.56	140.45	---	140.26	---	140.48	---	140.61	140.71	---

WATER YEAR 1991 HIGHEST 139.90 APR. 10, 1991 LOWEST 141.29 OCT. 04, 1990  
PERIOD OF RECORD HIGHEST 139.90 APR. 10, 1991 LOWEST 142.10 OCT. 22, 1988  
RECORD AVAILABLE FROM AUG. 19, 1988 TO SEP. 30, 1991

e Estimated

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

COMAL COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
DX-68-15-901	294533098082301 .....			42	DX-68-23-616A	294215098075801 .....			42
DX-68-16-502	294832098024501 .....			42	DX-68-23-616B	294215098075802 .....			43
DX-68-16-801	291715098030701 .....		40		DX-68-23-617	294219098080401 .....			43
DX-68-22-901	293807098155301 .....			42	DX-68-23-618	294219098080402 .....			43
DX-68-23-301	294300098080001 .....			42	DX-68-23-619A	294226098081001 .....			45
DX-68-23-302	294250098081701 .....	39	40		DX-68-23-619B	294226098081002 .....			45
DX-68-23-303	294249098080301 .....			42	DX-68-23-701	293855098125901 .....		40	
DX-68-23-316	294316098085201 .....			42	DX-68-30-208	293636098190901 .....		41	
DX-68-23-602	294206098090101 .....			42					

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record



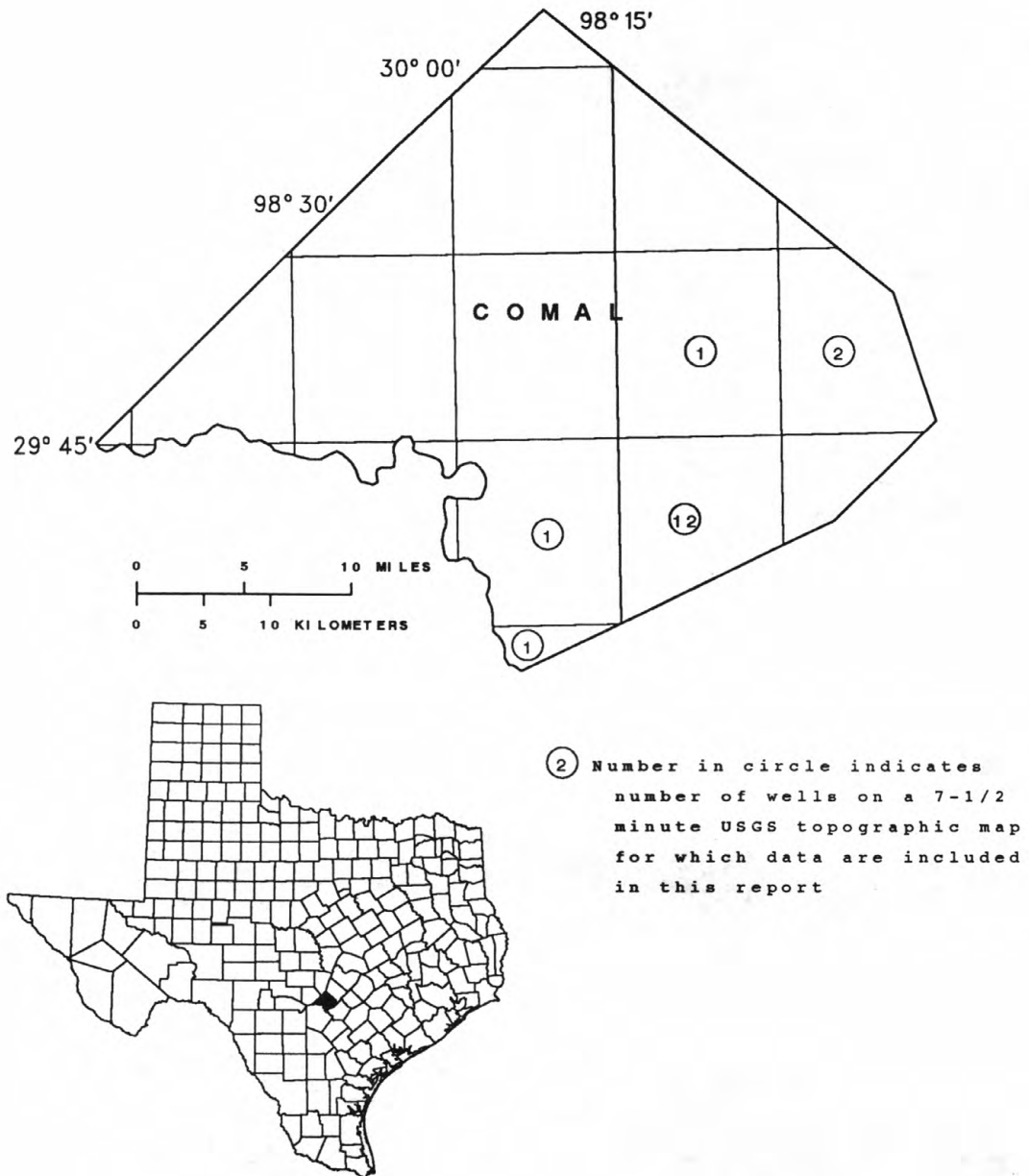


Figure 10.--Comal County map.

## Comal County

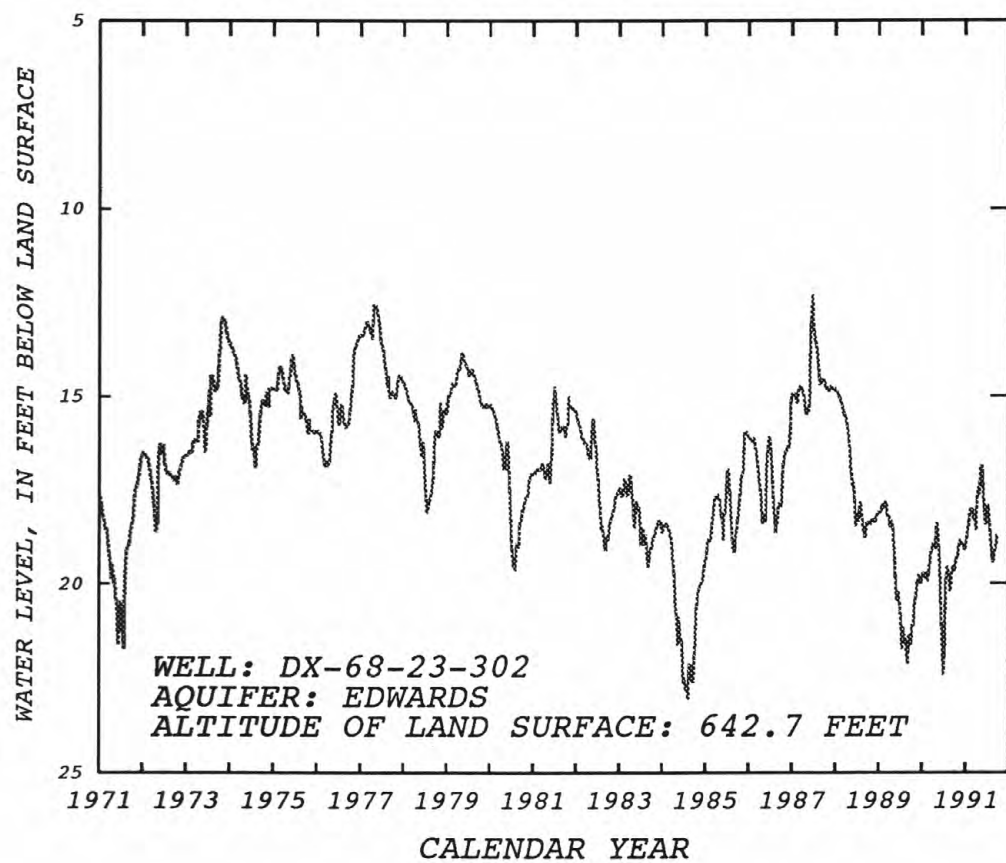


Figure 11.--Hydrograph for well DX-68-23-302.

WATER LEVELS, COMAL COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 291715098030701  
LOCAL WELL NUMBER: DX-68-16-801

2.1 MILES SOUTHWEST OF HUNTER. DRILLED STOCK WELL. DIAMETER 6 INCHES TO 210 FEET, COMPLETED OPEN HOLE FROM 0 FEET TO 210 FEET. ALTITUDE OF LAND-SURFACE DATUM 752.7 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 06	145.53	APR 29	142.94	JUL 01	140.03	SEP 17	145.56
APR 01	145.78	MAY 29	139.65	29	141.77		
WATER YEAR 1991		HIGHEST	139.65	MAY 29, 1991	LOWEST	145.78	APR 01, 1991
PERIOD OF RECORD		HIGHEST	139.65	MAY 29, 1991	LOWEST	145.78	APR 01, 1991
		RECORD AVAILABLE FROM MAR 06, 1991 TO SEP 17, 1991 7 ENTRIES					

SITE NUMBER: 294250098081701  
LOCAL WELL NUMBER: DX-68-23-302

IN NEW BRAUNFELS, IN LANDA PARK, 100 YARDS WEST OF COMAL SPRINGS. UNUSED OBSERVATION WELL. DIAMETER 7 INCHES. DEPTH 230 FEET. COMPLETED OPEN HOLE FROM 27 FEET TO 230 FEET. ALTITUDE OF LAND-SURFACE DATUM 642.7 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	19.68	JAN 05	19.03	MAR 15	18.31	MAY 25	16.96	AUG 01	18.80
10	19.51	10	18.30	20	18.24	31	17.34	05	18.98
15	19.37	15	18.83	25	18.27	JUN 01	17.44	10	19.10
20	19.39	20	18.60	31	18.43	05	17.76	15	19.36
25	19.28	25	18.51	APR 04	18.58	10	18.02	20	19.41
31	19.31	31	18.43	05	18.20	15	18.31	22	19.45
NOV 10	18.96	FEB 01	18.43	10	17.78	20	18.40	25	19.30
15	18.92	05	18.21	15	17.56	21	18.43	31	19.38
20	18.90	10	18.06	20	17.50	25	18.23	SEP 01	19.32
25	18.84	15	18.05	22	17.43	30	18.07	05	19.17
30	18.95	18	17.99	25	17.51	JUL 05	18.02	10	19.08
DEC 05	18.98	20	18.04	30	17.52	08	17.91	15	18.98
10	18.96	25	18.02	MAY 02	17.62	10	17.92	20	18.96
15	18.99	28	18.02	05	17.24	15	17.98	24	18.70
20	18.98	MAR 01	18.01	10	16.94	20	18.28	25	18.80
25	19.10	05	18.04	15	16.91	25	18.41	30	18.78
JAN 01	19.07	10	18.21	20	16.84	31	18.70		
WATER YEAR 1991		HIGHEST	16.84	MAY 20, 1991	LOWEST	19.68	OCT 05, 1990		
PERIOD OF RECORD		HIGHEST	12.30	JUN 25, 1987	LOWEST	23.06	AUG 10, 1984		
		RECORD AVAILABLE FROM JAN 05, 1971 TO SEP 30, 1991 1474 ENTRIES							

SITE NUMBER: 293855098125901  
LOCAL WELL NUMBER: DX-68-23-701

0.5 MILE WEST-NORTHWEST OF COMAL. DRILLED DOMESTIC WELL. DIAMETER 4 INCHES. DEPTH 300 FEET. OPEN END COMPLETION. ALTITUDE OF LAND-SURFACE DATUM 684.45 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 06	43.13	APR 29	40.25	JUL 01	43.86	SEP 17	48.10
APR 01	44.90	MAY 29	34.79	29	47.14		
WATER YEAR 1991		HIGHEST	34.79	MAY 29, 1991	LOWEST	48.10	SEP 17, 1991
PERIOD OF RECORD		HIGHEST	34.79	MAY 29, 1991	LOWEST	48.10	SEP 17, 1991
		RECORD AVAILABLE FROM MAR 06, 1991 TO SEP 17, 1991 7 ENTRIES					

WATER LEVELS, COMAL COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

41

SITE NUMBER: 293636098190901  
LOCAL WELL NUMBER: DX-68-30-208

ON FARM ROAD 1337, 0.7 MILE NORTHEAST OF INTERSECTION OF FARM ROAD 1337 AND EVANS ROAD. UNUSED RAILROAD WELL. DIAMETER 8 INCHES, DEPTH 292 FEET. SCREEN 220 TO 240, PERFORATED CASING 272 TO 292 FEET. ALTITUDE OF LAND SURFACE DATUM 795 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	158.16	JAN 01	153.11	MAR 05	146.77	MAY 10	139.20	JUL 30	153.33
10	156.90	05	152.53	10	148.10	15	138.47	31	154.09
15	156.15	10	151.84	15	148.97	20	138.28	AUG 15	158.50
20	156.15	15	151.42	20	148.01	25	139.51	20	158.35
25	155.26	20	149.25	25	148.36	30	142.95	22	158.75
31	155.28	25	148.87	30	149.50	JUN 01	144.42	25	157.57
NOV 05	154.67	27	148.55	31	149.80	05	146.95	26	157.50
10	153.31	30	148.70	APR 04	150.31	10	149.67	30	158.20
15	152.87	FEB 01	148.77	05	144.12	24	150.43	SEP 17	154.28
20	152.87	05	147.20	10	143.48	25	149.45	20	153.93
25	152.41	10	146.19	15	142.50	30	148.37	25	153.09
30	152.80	13	146.03	20	142.28	JUL 05	147.46	26	152.95
DEC 05	152.85	15	146.36	22	142.10	09	146.67	30	153.03
10	152.85	20	146.30	25	142.60	10	146.70		
15	152.92	25	146.35	29	143.37	15	147.90		
20	152.98	28	146.33	MAY 02	144.46	20	150.20		
25	153.92	MAR 01	146.34	05	140.40	25	151.06		

WATER YEAR 1991  
PERIOD OF RECORD

HIGHEST 138.28	MAY 20, 1991	LOWEST 158.75	AUG 22, 1991
HIGHEST 138.28	MAY 20, 1991	LOWEST 158.75	AUG 22, 1991
RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991		81 ENTRIES	

## WATER QUALITY, COMAL COUNTY

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)			
DX-68-15-901	04-02-91	1000	310	99	15	8.7	1.2	20	16	0.20			
DX-68-16-502	07-30-91	1730	290	90	16	8.7	1.1	21	14	0.20			
DX-68-22-901	07-30-91	1020	260	84	11	5.3	0.90	9.7	11	0.20			
DX-68-23-301	06-10-91	1400	270	80	16	10	1.4	26	15	0.20			
DX-68-23-303	07-08-91	1530	270	79	17	9.9	1.6	29	16	0.30			
DX-68-23-316	06-10-91	1520	300	97	13	6.2	0.90	11	12	0.20			
DX-68-23-602	07-08-91	1445	250	78	14	8.3	1.5	22	15	0.20			
DX-68-23-616A	10-10-90	1150	820	170	97	300	21	510	480	2.2			
	11-19-90	1315	790	160	94	310	18	520	500	2.5			
	12-13-90	1635	750	150	91	320	20	560	480	2.1			
	01-11-91	0830	780	160	93	300	20	550	510	2.4			
	02-11-91	1250	860	180	99	310	20	540	520	2.3			
	03-11-91	0910	850	180	98	320	22	560	490	2.7			
	04-09-91	1315	800	160	97	310	20	550	490	2.8			
	05-09-91	1430	800	160	98	310	22	550	520	3.0			
	06-10-91	0950	800	160	97	320	19	580	540	3.4			
	07-09-91	1200	760	150	93	310	49	570	520	2.6			
	08-12-91	1145	810	160	100	310	20	560	510	2.9			
	09-11-91	1320	810	160	100	310	22	560	500	2.8			
	LOCAL WELL NUMBER	DATE		SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
	DX-68-15-901	04-02-91	10	336	--	<0.010	<0.010	<0.010	<0.20	1.30	<0.010	<1	33
	DX-68-16-502	07-30-91	12	321	--	<0.010	<0.010	<0.010	<0.20	1.60	0.010	<1	38
	DX-68-22-901	07-30-91	11	275	1.9	0.010	<0.010	<0.010	0.20	1.70	0.010	<1	27
DX-68-23-301	06-10-91	12	299	--	<0.010	<0.010	<0.010	<0.20	1.90	<0.010	<1	47	
DX-68-23-303	07-08-91	12	299	2.0	0.020	<0.010	<0.010	0.20	1.80	<0.010	<1	51	
DX-68-23-316	06-10-91	10	312	1.6	<0.010	<0.010	0.010	0.20	1.40	<0.010	<1	32	
DX-68-23-602	07-08-91	12	280	--	0.020	0.010	<0.010	<0.20	2.10	<0.010	<1	34	
DX-68-23-616A	10-10-90	13	1740	--	--	--	--	--	--	--	--	--	
	11-19-90	13	1770	--	--	--	--	--	--	--	--	--	
	12-13-90	14	1790	--	--	--	--	--	--	--	--	--	
	01-11-91	13	1800	--	--	--	--	--	--	--	--	--	
	02-11-91	13	1840	--	--	--	--	--	--	--	<1	<100	
	03-11-91	13	1840	--	--	--	--	--	--	--	--	--	
	04-09-91	14	1800	--	--	--	--	--	--	--	--	--	
	05-09-91	13	1840	--	--	--	--	--	--	--	--	--	
	06-10-91	13	1870	--	--	--	--	--	--	--	--	--	
	07-09-91	13	1870	--	--	--	--	--	--	--	--	--	
	08-12-91	13	1840	--	--	--	--	--	--	--	--	--	
	09-11-91	13	1830	--	--	--	--	--	--	--	--	--	

See footnote at end of table.



## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	CADMIUM, DIS-SOLVED (UG/L AS CD)	CHROMIUM, DIS-SOLVED (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	MANGANESE, DIS-SOLVED (UG/L AS MN)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, DIS-SOLVED (UG/L AS ZN)	SELENIUM, DIS-SOLVED (UG/L AS SE)	MERCURY, DIS-SOLVED (UG/L AS HG)
DX-68-15-901	04-02-91	<1.0	<1	1	42	<1	<1	<1.0	23	1	<0.1
DX-68-16-502	07-30-91	<1.0	2	1	3	<1	<1	<1.0	<3	<1	<0.1
DX-68-22-901	07-30-91	<1.0	6	5	<3	2	<1	<1.0	20	<1	0.1
DX-68-23-301	06-10-91	1.0	1	2	45	1	2	<1.0	45	<1	<0.1
DX-68-23-303	07-08-91	<1.0	<1	6	7	1	1	<1.0	53	<1	<0.1
DX-68-23-316	06-10-91	<1.0	<1	1	32	3	<1	<1.0	430	<1	<0.1
DX-68-23-602	07-08-91	<1.0	<1	5	<3	<1	<1	<1.0	7	<1	<0.1
DX-68-23-616A	10-10-90	--	--	--	--	--	--	--	--	--	--
	11-19-90	--	--	--	--	--	--	--	--	--	--
	12-13-90	--	--	--	--	--	--	--	--	--	--
	01-11-91	--	--	--	--	--	--	--	--	--	--
	02-11-91	<1.0	<1	<1	150	<1	20	<1.0	<10	<1	0.2
	03-11-91	--	--	--	--	--	--	--	--	--	--
	04-09-91	--	--	--	--	--	--	--	--	--	--
	05-09-91	--	--	--	--	--	--	--	--	--	--
	06-10-91	--	--	--	--	--	--	--	--	--	--
	07-09-91	--	--	--	--	--	--	--	--	--	--
	08-12-91	--	--	--	--	--	--	--	--	--	--
	09-11-91	--	--	--	--	--	--	--	--	--	--
LOCAL WELL NUMBER	DATE	TIME	HARDNESS TOTAL (MG/L AS CAC03)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNESIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTASSIUM, DIS-SOLVED (MG/L AS K)	SULFATE, DIS-SOLVED (MG/L AS SO4)			
DX-68-23-616B	10-10-90	1020	490	100	59	150	11	280			
	11-19-90	1210	490	98	59	150	11	280			
	12-13-90	1515	490	100	59	150	11	280			
	01-11-91	0820	490	99	59	150	11	300			
	02-11-91	1300	500	100	61	150	11	290			
	03-11-91	0920	510	100	62	150	9.9	290			
	04-09-91	1330	500	98	61	150	11	280			
	05-09-91	1500	490	97	61	150	11	290			
	06-10-91	0940	490	99	58	150	11	300			
	07-09-91	1215	520	110	60	150	13	310			
DX-68-23-617	08-12-91	1200	550	110	68	140	11	290			
	09-11-91	1330	510	100	62	150	11	290			
	10-10-90	1400	230	52	24	12	8.0	49			
	11-19-90	1020	240	54	25	12	7.0	49			
	12-13-90	1415	240	56	25	11	5.2	44			
	01-11-91	1130	240	55	25	12	5.5	49			
	02-11-91	1010	250	57	25	11	4.7	49			
	03-11-91	1100	240	55	24	10	3.9	50			
DX-68-23-618	04-09-91	1130	250	56	26	12	4.1	51			
	05-10-91	1310	250	57	26	11	3.5	50			
	06-10-91	1130	250	59	25	11	2.6	52			
	07-09-91	1420	250	62	24	10	2.9	54			
	08-12-91	1445	270	61	29	11	2.7	55			
	09-11-91	1030	260	58	27	11	2.8	56			
	10-10-90	1440	250	50	31	25	3.0	61			
	11-19-90	1040	270	53	33	27	2.7	63			
	12-13-90	1225	260	53	32	26	2.8	49			
	01-11-91	1020	270	54	33	27	2.9	60			
	02-11-91	1115	270	54	33	26	2.8	60			
	03-11-91	1200	260	53	32	25	2.7	60			

See footnote at end of table.

## WATER QUALITY, COMAL COUNTY--Continued

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	CADMIUM, DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)
DX-68-23-616B	10-10-90	250	2.5	13	1000	--	--	--	--
	11-19-90	250	2.8	13	1010	--	--	--	--
	12-13-90	220	2.9	14	979	--	--	--	--
	01-11-91	260	2.7	13	1040	--	--	--	--
	02-11-91	250	2.4	13	1020	<1	35	<1.0	<1
	03-11-91	250	2.7	13	1020	--	--	--	--
	04-09-91	240	2.9	13	997	--	--	--	--
	05-09-91	270	3.3	13	1040	--	--	--	--
	06-10-91	260	2.7	13	1030	--	--	--	--
	07-09-91	260	3.0	13	1060	--	--	--	--
DX-68-23-617	08-12-91	250	2.9	13	1030	--	--	--	--
	09-11-91	260	3.0	13	1050	--	--	--	--
	10-10-90	24	1.0	12	301	--	--	--	--
	11-19-90	21	1.5	12	302	--	--	--	--
	12-13-90	17	1.1	13	298	--	--	--	--
	01-11-91	21	0.90	12	308	--	--	--	--
	02-11-91	17	0.90	12	295	2	120	<1.0	<1
	03-11-91	18	1.1	12	301	--	--	--	--
	04-09-91	18	1.1	12	307	--	--	--	--
	05-10-91	21	1.3	12	311	--	--	--	--
DX-68-23-618	06-10-91	18	1.3	12	311	--	--	--	--
	07-09-91	17	1.3	12	312	--	--	--	--
	08-12-91	18	1.3	12	320	--	--	--	--
	09-11-91	15	1.2	12	314	--	--	--	--
	10-10-90	45	2.4	13	349	--	--	--	--
	11-19-90	42	3.1	13	357	--	--	--	--
	12-13-90	34	2.3	14	336	--	--	--	--
	01-11-91	44	2.3	13	359	--	--	--	--
	02-11-91	44	2.4	13	361	<1	42	<1.0	<1
	03-11-91	40	2.3	13	350	--	--	--	--
LOCAL WELL NUMBER	DATE	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY, DIS- SOLVED (UG/L AS HG)
DX-68-23-616B	10-10-90	--	--	--	--	--	--	--	--
	11-19-90	--	--	--	--	--	--	--	--
	12-13-90	--	--	--	--	--	--	--	--
	01-11-91	--	--	--	--	--	--	--	--
	02-11-91	<1	140	<1	13	<1.0	5	<1	0.2
	03-11-91	--	--	--	--	--	--	--	--
	04-09-91	--	--	--	--	--	--	--	--
	05-09-91	--	--	--	--	--	--	--	--
	06-10-91	--	--	--	--	--	--	--	--
	07-09-91	--	--	--	--	--	--	--	--
DX-68-23-617	08-12-91	--	--	--	--	--	--	--	--
	09-11-91	--	--	--	--	--	--	--	--
	10-10-90	--	--	--	--	--	--	--	--
	11-19-90	--	--	--	--	--	--	--	--
	12-13-90	--	--	--	--	--	--	--	--
	01-11-91	--	--	--	--	--	--	--	--
	02-11-91	<1	17	1	3	<1.0	14	<1	<0.1
	03-11-91	--	--	--	--	--	--	--	--
	04-09-91	--	--	--	--	--	--	--	--
	05-10-91	--	--	--	--	--	--	--	--
DX-68-23-618	06-10-91	--	--	--	--	--	--	--	--
	07-09-91	--	--	--	--	--	--	--	--
	08-12-91	--	--	--	--	--	--	--	--
	09-11-91	--	--	--	--	--	--	--	--
	10-10-90	--	--	--	--	--	--	--	--
	11-19-90	--	--	--	--	--	--	--	--
	12-13-90	--	--	--	--	--	--	--	--
	01-11-91	--	--	--	--	--	--	--	--
	02-11-91	1	68	<1	5	<1.0	5	<1	<0.1
	03-11-91	--	--	--	--	--	--	--	--

See footnote at end of table.

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)			
DX-68-23-618	04-09-91	1145	270	52	33	27	2.6	60			
	05-10-91	1505	260	51	32	26	3.0	60			
	06-10-91	1200	270	56	32	26	2.7	67			
	07-09-91	1530	260	52	32	25	2.7	64			
	08-12-91	1500	290	55	37	26	2.5	64			
DX-68-23-619A	09-11-91	1100	280	55	34	26	2.6	62			
	10-10-90	1600	230	54	24	15	4.6	56			
	11-19-90	1520	250	57	27	16	4.3	57			
	12-13-90	0915	250	57	26	15	4.0	46			
	01-11-91	1345	250	57	26	15	4.3	53			
DX-68-23-619B	02-11-91	0830	250	57	26	15	4.0	52			
	03-11-91	1325	250	56	26	14	3.6	53			
	04-09-91	1000	260	56	28	15	3.4	54			
	05-09-91	1200	260	56	28	14	3.1	52			
	06-10-91	1300	250	57	27	15	3.0	56			
	07-09-91	1650	240	55	26	14	2.9	55			
	08-12-91	1600	280	58	32	14	2.6	56			
	09-11-91	0845	260	57	29	14	2.7	54			
	10-10-90	1650	240	58	24	11	2.2	46			
	11-19-90	1420	260	60	26	12	1.9	49			
	12-13-90	0805	250	59	25	11	1.8	44			
	01-11-91	1400	250	60	25	12	1.8	46			
	02-11-91	0840	260	61	26	12	1.7	43			
	03-11-91	1340	260	62	26	12	1.6	47			
	04-09-91	1015	250	59	26	12	1.7	49			
DX-68-23-619B	05-09-91	1230	250	59	26	11	1.5	46			
	06-10-91	1315	250	62	24	12	1.5	50			
	07-09-91	1710	260	65	24	10	1.5	51			
	08-12-91	1645	280	64	28	11	1.4	50			
	09-11-91	0900	260	60	26	12	1.5	48			
	LOCAL WELL NUMBER	DATE		CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SOLIDS, SILICA, DIS- SOLVED (MG/L AS SiO2)	SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	CADMIUM, DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)
	DX-68-23-618	04-09-91	40	2.4	13	352	--	--	--	--	--
		05-10-91	44	2.6	13	371	--	--	--	--	--
		06-10-91	44	2.5	13	367	--	--	--	--	--
		07-09-91	41	2.5	13	358	--	--	--	--	--
		08-12-91	41	2.5	13	365	--	--	--	--	--
	DX-68-23-619A	09-11-91	42	2.3	13	360	--	--	--	--	--
		10-10-90	24	1.6	13	311	--	--	--	--	--
		11-19-90	21	2.1	13	322	--	--	--	--	--
		12-13-90	17	1.5	13	305	--	--	--	--	--
01-11-91		23	1.5	13	320	--	--	--	--	--	
DX-68-23-619B	02-11-91	22	1.4	12	321	1	110	<1.0	<1	--	
	03-11-91	20	1.6	12	315	--	--	--	--	--	
	04-09-91	23	1.7	13	321	--	--	--	--	--	
	05-09-91	24	2.0	13	320	--	--	--	--	--	
	06-10-91	23	1.8	12	322	--	--	--	--	--	
	07-09-91	23	1.8	12	319	--	--	--	--	--	
	08-12-91	22	1.9	12	327	--	--	--	--	--	
	09-11-91	20	1.8	13	318	--	--	--	--	--	
	10-10-90	19	1.3	13	304	--	--	--	--	--	
	11-19-90	18	2.0	12	313	--	--	--	--	--	
	12-13-90	16	1.1	13	302	--	--	--	--	--	
	01-11-91	20	1.2	12	312	--	--	--	--	--	
	02-11-91	22	1.5	12	315	4	130	<1.0	<1	--	
	03-11-91	17	1.4	12	312	--	--	--	--	--	
	04-09-91	21	1.4	12	313	--	--	--	--	--	
DX-68-23-619B	05-09-91	20	1.5	12	310	--	--	--	--	--	
	06-10-91	18	1.4	12	315	--	--	--	--	--	
	07-09-91	19	1.5	12	317	--	--	--	--	--	
	08-12-91	18	1.5	12	321	--	--	--	--	--	
	09-11-91	16	1.4	12	312	--	--	--	--	--	

See footnote at end of table.

## WATER QUALITY, COMAL COUNTY--Continued

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY, DIS- SOLVED (UG/L AS HG)
DX-68-23-618	04-09-91	--	--	--	--	--	--	--	--
	05-10-91	--	--	--	--	--	--	--	--
	06-10-91	--	--	--	--	--	--	--	--
	07-09-91	--	--	--	--	--	--	--	--
	08-12-91	--	--	--	--	--	--	--	--
DX-68-23-619A	09-11-91	--	--	--	--	--	--	--	--
	10-10-90	--	--	--	--	--	--	--	--
	11-19-90	--	--	--	--	--	--	--	--
	12-13-90	--	--	--	--	--	--	--	--
	01-11-91	--	--	--	--	--	--	--	--
DX-68-23-619B	02-11-91	4	310	<1	16	<1.0	10	<1	<0.1
	03-11-91	--	--	--	--	--	--	--	--
	04-09-91	--	--	--	--	--	--	--	--
	05-09-91	--	--	--	--	--	--	--	--
	06-10-91	--	--	--	--	--	--	--	--
	07-09-91	--	--	--	--	--	--	--	--
	08-12-91	--	--	--	--	--	--	--	--
	09-11-91	--	--	--	--	--	--	--	--
	10-10-90	--	--	--	--	--	--	--	--
	11-19-90	--	--	--	--	--	--	--	--
	12-13-90	--	--	--	--	--	--	--	--
	01-11-91	--	--	--	--	--	--	--	--
	02-11-91	<1	46	<1	5	<1.0	13	<1	<0.1
	03-11-91	--	--	--	--	--	--	--	--
	04-09-91	--	--	--	--	--	--	--	--
	05-09-91	--	--	--	--	--	--	--	--
	06-10-91	--	--	--	--	--	--	--	--
	07-09-91	--	--	--	--	--	--	--	--
	08-12-91	--	--	--	--	--	--	--	--
	09-11-91	--	--	--	--	--	--	--	--

&lt; Actual value is less than value shown.

## ORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	PER- THANE TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	LINDANE TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
DX-68-15-901	04-02-91	1000	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
DX-68-23-301	06-10-91	1400	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
DX-68-23-303	07-08-91	1530	--	--	--	--	--	--	--	--
DX-68-23-316	06-10-91	1520	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010

LOCAL WELL NUMBER	DATE	DI- ELDRIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	PCB, TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)
DX-68-15-901	04-02-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
DX-68-23-301	06-10-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
DX-68-23-303	07-08-91	--	--	--	--	--	--	--	--	--
DX-68-23-316	06-10-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01

LOCAL WELL NUMBER	DATE	PARA- THION, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	2,4-D, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	MIREX, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
DX-68-15-901	04-02-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
DX-68-23-301	06-10-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
DX-68-23-303	07-08-91	--	--	--	--	--	--	--	--	--
DX-68-23-316	06-10-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

LOCAL WELL NUMBER	DATE	DI- CHLORO- BROMO- METHANE TOTAL (UG/L)	CARBON- TETRA- CHLO- RIDE TOTAL (UG/L)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L)	BROMO- FORM TOTAL (UG/L)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L)	CHLORO- FORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	CHLORO- BENZENE TOTAL (UG/L)
DX-68-15-901	04-02-91	--	--	--	--	--	--	--	--	--
DX-68-23-301	06-10-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
DX-68-23-303	07-08-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
DX-68-23-316	06-10-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

LOCAL WELL NUMBER	DATE	CHLORO- ETHANE TOTAL (UG/L)	ETHYL- BENZENE TOTAL (UG/L)	METHYL- BROMIDE TOTAL (UG/L)	METHYL- ENE CHLO- RIDE TOTAL (UG/L)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L)
DX-68-15-901	04-02-91	--	--	--	--	--	--	--	--	--
DX-68-23-301	06-10-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
DX-68-23-303	07-08-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
DX-68-23-316	06-10-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

LOCAL WELL NUMBER	DATE	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L)	1,2- TRANS DI CHLORO- ETHENE TOTAL (UG/L)	1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	2- CHLORO- ETHYL- VINYL- ETHER TOTAL (UG/L)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L)	VINYL CHLO- RIDE TOTAL (UG/L)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L)
DX-68-15-901	04-02-91	--	--	--	--	--	--	--	--	--
DX-68-23-301	06-10-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
DX-68-23-303	07-08-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
DX-68-23-316	06-10-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2

&lt; Actual value is less than value shown.



## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

DALLAM COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
HP-01-40-903	362231103012001 .....			51
HP-02-47-401	361750102140501 .....			52
HP-02-55-402	361209102142601 .....	50		53

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

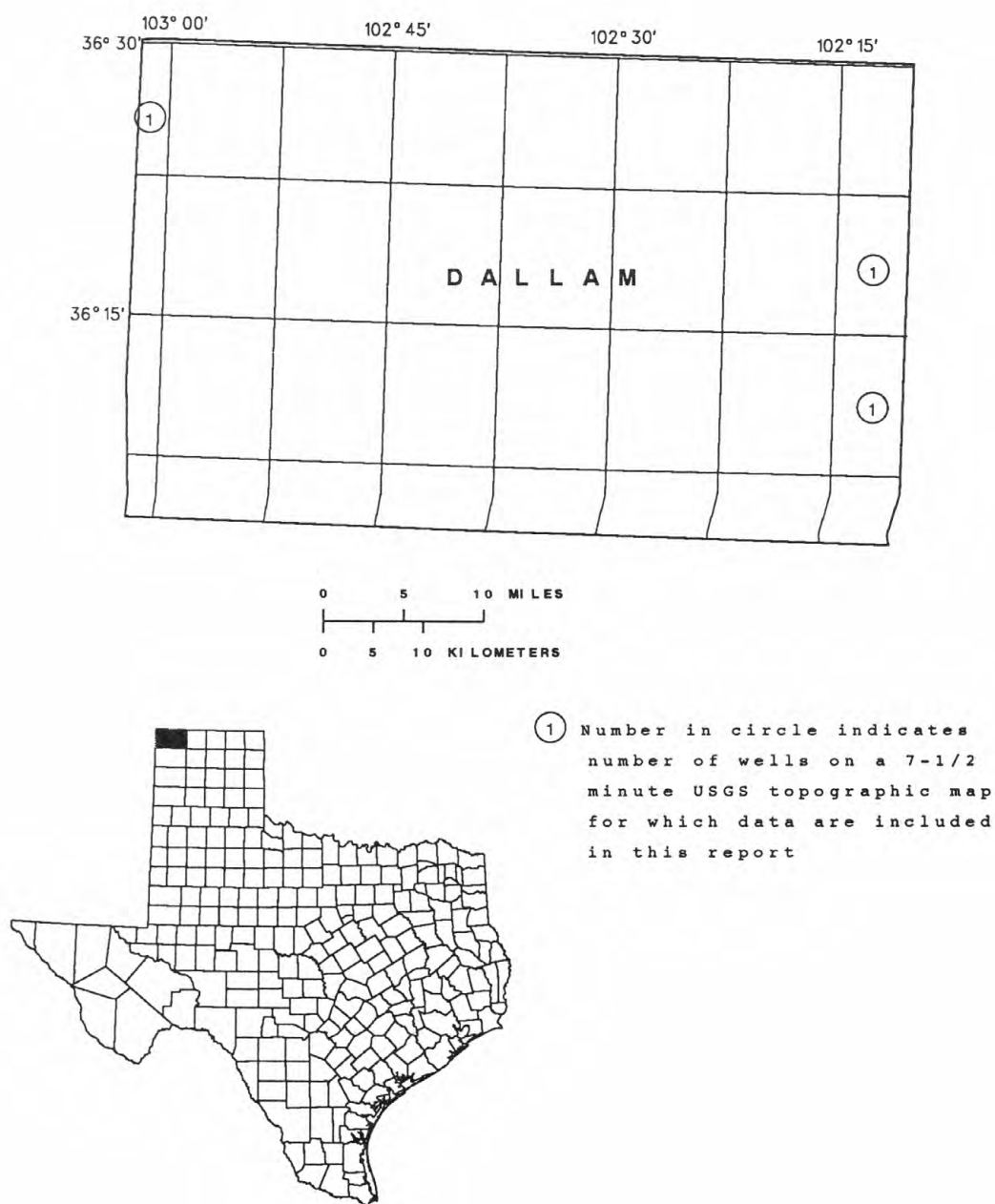


Figure 12.--Dallam County map.

## WATER RESOURCES DATA - TEXAS, 1991

## Dallam County

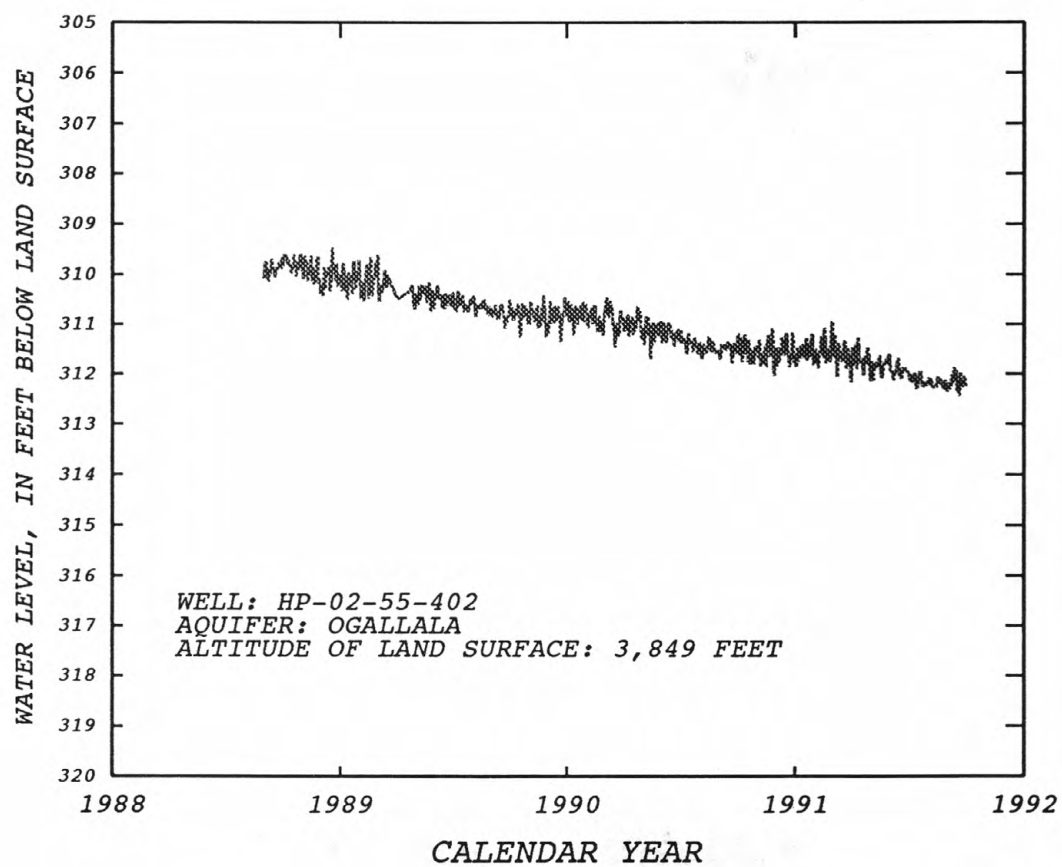


Figure 13.--Hydrograph for well HP-02-55-402.

## WATER LEVELS, DALLAM COUNTY

51

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 362231103012001  
 LOCAL WELL NUMBER: HP-01-40-903

LOCATED WITHIN CITY LIMITS OF TEXLINE, TX. AND UNDER EAST EDGE OF WATER TOWER. CASING DIAMETER 12 INCHES, DEPTH 380 FEET. ALTITUDE OF LAND-SURFACE DATUM 4,684 FEET. OWNER: CITY OF TEXLINE, TX. OTHER IDENTIFIER: DALLAM 3.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
 WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	205.92	193.88	161.81	e160.80	161.78	174.02	193.33	169.00	172.66	175.42	174.82
2	---	205.98	194.33	162.12	e159.15	162.48	170.81	188.58	168.73	174.20	175.71	177.98
3	---	199.72	194.84	162.37	e159.35	163.00	168.95	188.88	168.66	174.78	174.85	180.75
4	---	191.33	194.84	161.57	e159.25	164.47	167.89	186.48	169.35	174.91	171.95	182.01
5	---	184.24	194.60	161.24	e159.15	165.88	167.73	183.14	170.15	175.51	169.76	182.28
6	---	179.22	194.71	161.18	e163.16	170.16	167.77	180.31	170.55	176.07	168.53	182.69
7	---	175.67	194.05	161.20	167.17	180.65	168.22	179.02	169.37	177.19	168.44	189.57
8	---	172.75	184.65	161.17	171.55	184.62	168.99	178.19	167.91	178.38	169.43	193.64
9	---	170.77	179.44	161.04	174.62	187.49	168.34	178.35	166.44	179.61	169.80	198.37
10	---	169.10	175.41	160.63	177.17	189.79	170.08	178.47	165.57	179.63	168.23	193.54
11	---	167.82	172.32	160.49	174.30	191.19	176.71	178.42	165.38	178.62	166.79	e187.94
12	---	166.84	170.48	160.34	170.21	192.24	181.79	178.18	165.64	177.02	165.63	---
13	---	165.85	169.03	159.93	169.29	192.99	183.47	178.52	166.68	175.18	164.64	---
14	---	165.00	167.66	159.71	174.36	193.70	180.45	178.98	169.21	172.30	163.41	---
15	---	164.66	166.56	159.59	174.87	193.78	177.49	178.48	170.19	170.07	162.46	---
16	---	168.68	165.22	160.09	176.50	192.89	176.71	178.00	170.75	168.50	161.82	---
17	---	177.10	164.38	160.22	172.14	189.34	176.23	177.32	171.18	167.99	161.94	---
18	---	181.17	163.60	159.98	168.94	190.89	175.57	177.33	171.94	169.49	162.22	---
19	---	184.34	163.09	159.55	167.01	191.71	181.14	178.10	172.40	172.36	162.21	---
20	---	186.64	162.67	159.38	165.70	192.13	185.48	178.95	171.85	173.83	161.87	---
21	---	188.97	162.63	159.06	165.24	192.42	186.92	178.86	169.52	175.09	161.70	---
22	---	190.35	162.77	158.45	164.53	192.73	190.29	175.32	168.27	176.19	161.92	---
23	---	191.40	162.95	158.31	163.67	193.70	192.01	172.41	166.90	177.02	162.17	---
24	---	192.05	162.74	158.16	163.09	194.85	193.75	170.34	166.48	174.61	162.68	---
25	---	192.66	162.87	157.99	162.90	195.78	193.94	168.70	167.16	172.56	164.19	---
26	---	193.63	162.75	157.89	162.73	196.51	194.13	167.34	168.52	171.19	166.23	---
27	---	194.37	162.36	158.14	162.38	197.11	192.77	167.29	170.23	170.63	167.82	---
28	---	194.78	162.11	159.12	162.05	196.79	193.27	167.83	171.52	170.76	169.26	---
29	---	194.78	161.99	e160.80	---	190.97	193.21	167.44	171.95	171.79	170.10	---
30	---	193.83	161.92	e160.70	---	185.50	194.74	167.64	171.75	173.11	170.56	---
31	203.70	---	161.76	e160.60	---	178.73	---	168.41	---	174.32	171.09	---

WATER YEAR 1991  
 PERIOD OF RECORD  
 HIGHEST AND LOWEST NOT DETERMINED DUE TO MISSING RECORD  
 HIGHEST AND LOWEST NOT DETERMINED DUE TO MISSING RECORD  
 RECORD AVAILABLE AUG. 30, 1988 TO SEP. 30, 1991

WATER LEVELS, DALLAM COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 361750102140501  
LOCAL WELL NUMBER: HP-02-47-401

LOCATED APPROXIMATELY 4.3 MILES NORTH AND 0.3 MILE EAST OF CONLEN, TX. ON FM 807 AND APPROXIMATELY 22 MILES NE OF DALHART, TX. CASING DIAMETER 16 INCHES, DEPTH 500 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,820 FEET. OWNER: CRABTREE. OTHER IDENTIFIER: DALLAM 1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	295.18	295.07	295.10	294.81	294.61	293.56	295.17	296.01	295.81	295.61	296.20	296.59
2	294.87	295.04	294.91	294.93	294.52	293.92	294.85	295.78	295.89	295.71	296.12	296.55
3	294.88	295.23	295.29	295.00	294.36	294.15	295.16	295.76	295.86	295.75	296.24	296.59
4	295.23	295.29	295.20	294.67	294.55	294.01	295.31	295.96	295.89	295.68	296.25	296.67
5	295.08	294.93	294.90	294.64	294.52	293.72	295.25	296.26	295.99	295.58	296.16	296.55
6	294.86	295.07	295.15	294.87	294.57	293.99	295.05	296.12	296.13	295.55	296.20	296.58
7	295.10	295.39	295.10	294.73	294.68	294.13	294.85	296.00	296.09	295.57	296.26	296.50
8	295.16	295.06	295.00	294.57	294.44	294.23	295.03	296.12	296.02	295.65	296.27	296.39
9	295.31	295.24	295.00	294.72	294.33	294.55	295.40	296.00	295.98	295.52	296.30	296.51
10	295.02	295.21	294.92	294.50	294.40	294.23	295.03	296.04	295.99	295.52	296.30	296.53
11	294.85	295.34	294.62	294.67	294.31	293.94	294.83	296.12	295.93	295.66	296.34	296.45
12	295.08	295.34	294.70	294.61	294.01	294.05	295.08	296.03	295.79	295.86	296.36	296.40
13	294.72	295.17	294.89	294.42	294.03	294.27	295.30	296.02	295.66	295.97	296.42	296.33
14	294.85	294.97	294.61	294.36	294.25	294.23	295.26	295.91	295.67	295.98	296.41	296.22
15	294.91	294.95	294.88	294.36	294.33	294.21	295.30	295.84	295.81	295.93	296.34	296.38
16	294.74	295.35	294.64	294.55	293.91	294.19	295.33	295.90	295.91	295.93	296.35	296.55
17	294.99	295.11	294.54	294.62	293.74	294.42	295.37	296.08	295.79	295.87	296.48	296.43
18	295.14	294.97	294.44	294.59	294.08	294.43	295.37	296.12	295.82	295.45	296.52	296.61
19	294.71	294.92	294.45	294.23	294.39	294.29	295.63	296.20	295.90	295.83	296.52	296.67
20	294.83	294.77	294.65	294.66	294.32	294.15	295.72	296.16	295.79	295.92	296.43	296.51
21	295.17	294.90	294.78	294.67	294.30	294.22	295.37	296.02	295.70	296.05	296.48	296.20
22	294.90	295.06	294.82	294.31	294.36	294.33	295.51	295.97	295.73	296.12	296.49	296.42
23	295.02	295.09	295.03	294.42	294.14	294.82	295.53	296.00	295.75	296.20	296.43	296.39
24	295.29	294.88	294.90	294.44	294.31	294.76	295.59	296.02	295.72	296.22	296.48	296.44
25	295.28	294.78	294.89	294.53	294.40	294.62	295.47	295.95	295.65	296.21	296.50	296.35
26	295.17	294.51	294.91	294.40	294.33	294.54	295.35	295.84	295.64	296.23	296.45	296.31
27	295.52	294.81	294.69	294.17	293.99	294.70	295.53	295.83	295.61	296.23	296.39	296.17
28	295.54	295.30	294.37	294.08	293.72	294.78	295.50	295.87	295.63	296.29	296.39	296.21
29	295.35	295.44	294.67	294.34	---	294.90	295.68	295.81	295.63	296.33	296.53	296.25
30	295.32	294.95	294.89	294.47	---	295.32	295.89	295.64	295.58	296.26	296.60	296.30
31	295.23	---	294.86	294.62	---	295.38	---	295.64	---	296.25	296.62	---

WATER YEAR 1991 HIGHEST 293.77 MAR. 01, 1991 LOWEST 296.72 SEPT. 04, 1991  
PERIOD OF RECORD HIGHEST 291.11 SEPT. 04, 1988 LOWEST 296.72 SEPT. 04, 1991  
RECORD AVAILABLE AUG. 30, 1988 TO SEP. 30, 1991



WATER LEVELS, DALLAM COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

53

SITE NUMBER: 361209102142601  
LOCAL WELL NUMBER: HP-02-55-402

LOCATED APPROXIMATELY 2 MILES SOUTH OF CONLEN, TX. ON FM 807 ON WEST SIDE OF HIGHWAY-AND APPROXIMATELY 21 MILES NW OF DALHART, TX. CASING DIAMETER 16 INCHES, DEPTH 529.15 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,849 FEET. OWNER: KENNETH KNIGHT. OTHER IDENTIFIER: DALLAM 2.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	311.50	311.43	311.63	311.66	311.77	310.95	311.90	312.14	311.85	312.00	312.13	312.28
2	311.20	311.44	311.48	311.80	311.68	311.31	311.47	311.87	311.95	312.13	312.08	312.18
3	311.24	311.64	311.84	311.86	311.49	311.64	311.71	311.75	311.92	312.17	312.18	312.29
4	311.62	311.66	311.81	311.52	311.71	311.53	311.82	311.86	311.96	312.13	312.21	312.30
5	311.49	311.32	311.47	311.48	311.71	311.23	311.82	312.13	312.01	312.02	312.11	312.15
6	311.27	311.52	311.74	311.75	311.71	311.53	311.61	311.94	312.12	312.03	312.17	312.25
7	311.49	311.85	311.75	311.61	311.88	311.67	311.40	311.83	312.06	312.07	312.27	312.09
8	311.58	311.56	311.59	311.48	311.67	311.76	311.51	311.85	311.98	312.17	312.26	312.02
9	311.75	311.72	311.65	311.61	311.52	312.05	311.90	311.78	311.94	312.04	312.25	312.18
10	311.44	311.66	311.54	311.43	311.57	311.71	311.64	311.78	311.96	311.98	312.25	312.10
11	311.28	311.80	311.27	311.68	311.53	311.38	311.28	311.87	311.91	312.06	312.28	311.88
12	311.60	311.80	311.34	311.63	311.25	311.46	311.51	311.78	311.78	312.25	312.24	312.08
13	311.21	311.64	311.60	311.46	311.29	311.71	311.79	311.82	311.68	312.30	312.27	312.04
14	311.39	311.46	311.31	311.41	311.53	311.63	311.69	311.77	311.73	312.28	312.23	311.93
15	311.44	311.46	311.63	311.43	311.68	311.62	311.76	311.64	311.91	312.16	312.12	312.10
16	311.30	311.87	311.39	311.63	311.25	311.55	311.73	311.76	312.05	312.12	312.07	312.34
17	311.56	311.54	311.28	311.67	311.08	311.74	311.79	312.00	311.95	312.04	312.18	312.19
18	311.75	311.35	311.19	311.64	311.41	311.75	311.69	312.00	312.01	311.97	312.19	312.35
19	311.32	311.32	311.24	311.29	311.78	311.57	311.93	312.09	312.10	311.96	312.17	312.44
20	311.46	311.21	311.45	311.71	311.71	311.36	312.03	311.98	311.98	311.99	312.11	312.32
21	311.80	311.41	311.61	311.72	311.67	311.35	311.65	311.88	311.88	312.14	312.19	311.97
22	311.53	311.58	311.64	311.38	311.72	311.46	311.68	311.75	311.93	312.21	312.21	312.20
23	311.55	311.66	311.86	311.50	311.49	311.89	311.75	311.80	311.93	312.25	312.18	312.23
24	311.80	311.47	311.70	311.51	311.63	311.83	311.81	311.80	311.90	312.24	312.28	312.26
25	311.65	311.35	311.67	311.65	311.75	311.62	311.68	311.78	311.88	312.20	312.31	312.19
26	311.51	311.09	311.68	311.53	311.72	311.49	311.48	311.69	311.93	312.17	312.22	312.19
27	311.80	311.40	311.50	311.35	311.34	311.60	311.63	311.74	311.93	312.16	312.16	312.05
28	311.73	311.92	311.18	311.20	311.11	311.62	311.61	311.80	311.95	312.21	312.13	312.10
29	311.45	312.03	311.46	311.50	---	311.69	311.80	311.75	311.96	312.24	312.25	312.20
30	311.47	311.54	311.76	311.66	---	312.04	312.01	311.61	311.95	312.20	312.32	312.25
31	311.51	---	311.75	311.82	---	312.16	---	311.65	---	312.17	312.35	---

WATER YEAR 1991      HIGHEST 310.84 MAR. 01, 1991      LOWEST 312.52 SEPT. 16, 1991  
PERIOD OF RECORD      HIGHEST 309.25 DEC. 19, 1988      LOWEST 312.52 SEPT. 16, 1991  
RECORD AVAILABLE AUG. 30, 1988 TO SEP. 30, 1991

e Estimated

## WATER RESOURCES DATA - TEXAS, 1991

GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

DAWSON COUNTY

LOCAL WELL NUMBER	SITE ID	Page
		<u>HY</u> <u>WL</u> <u>QW</u>
HS-28-17-902	323743101544101 .....	56 57

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

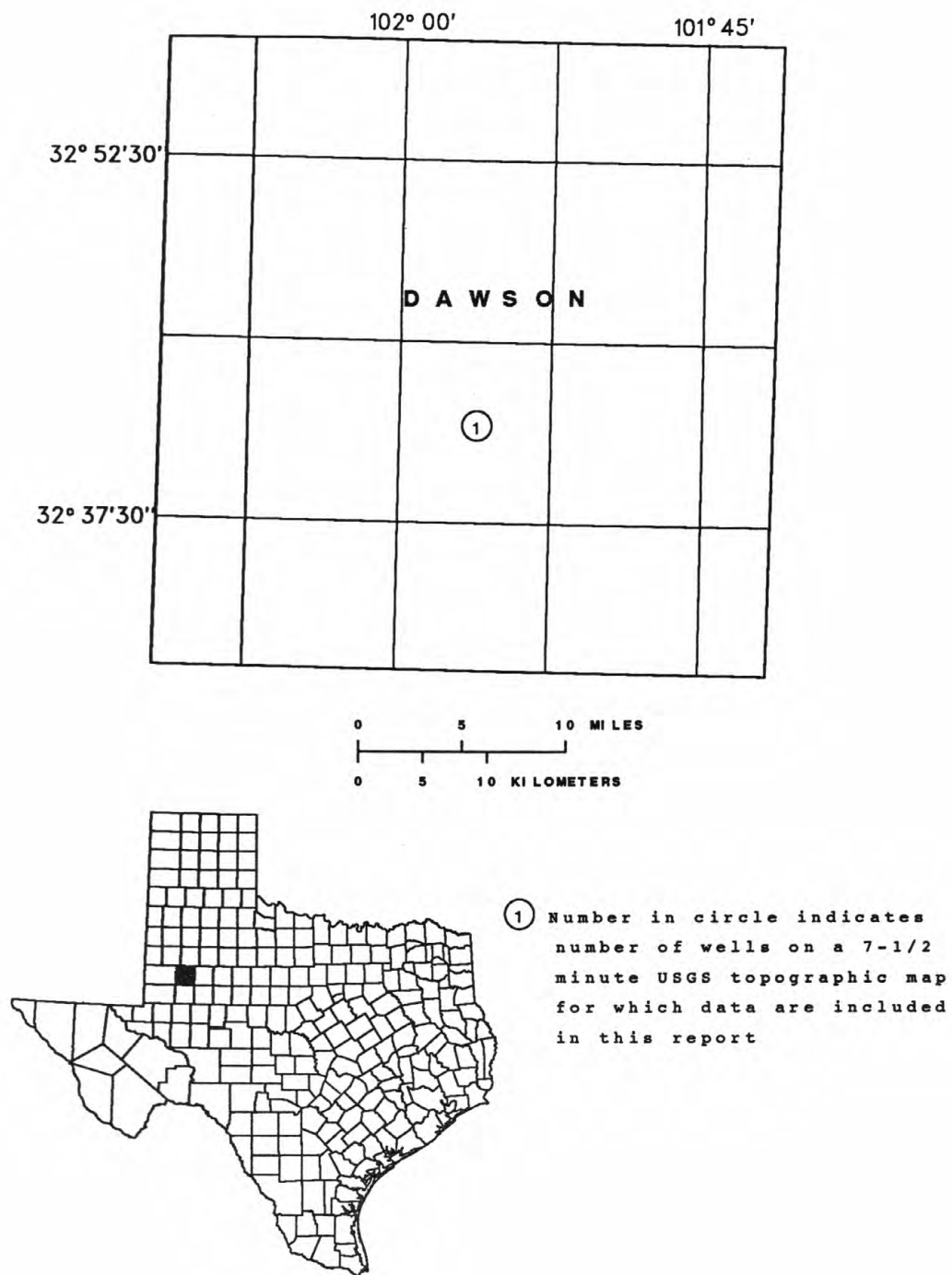


Figure 14.--Dawson County map.

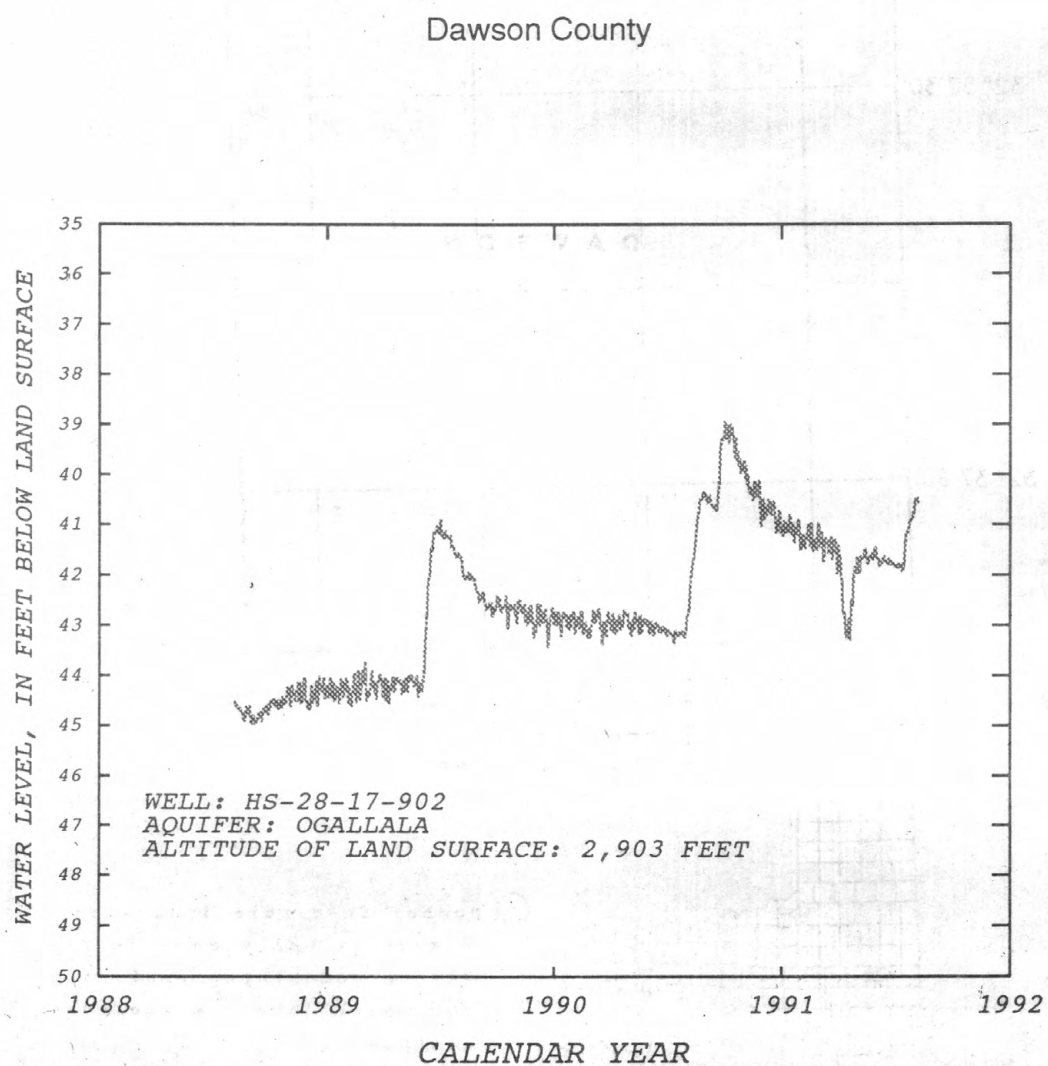


Figure 15.--Hydrograph for well HS-28-17-902.

## WATER LEVELS, DAWSON COUNTY

57

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 323743101544101  
LOCAL WELL NUMBER: HS-28-17-902

LOCATED APPROXIMATELY 5.25 MILES SOUTH, 0.75 MILE EAST OF INTERSECTION OF STATE HIGHWAYS 349 AND 137 AND APPROXIMATELY 8.0 MILES SOUTH OF LAMESA, TX. CASING DIAMETER 14 INCHES, DEPTH 165 FEET. ALTITUDE OF LAND-SURFACE DATUM 2,903 FEET. OWNER: ERNEST OLAN. OTHER IDENTIFIER: DAWSON 1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.25	39.76	40.53	41.04	41.48	40.96	41.74	41.99	41.52	41.82	40.65	---
2	38.97	39.72	40.46	41.05	41.38	41.09	41.41	41.66	41.63	41.85	40.51	---
3	38.95	39.91	40.88	41.24	41.19	41.46	41.59	41.67	41.68	41.86	40.49	---
4	39.29	40.08	40.91	41.06	41.23	41.33	41.61	41.70	41.68	41.85	40.51	---
5	39.22	39.81	40.58	40.92	41.28	41.13	41.67	41.99	41.70	41.81	40.46	---
6	39.00	39.98	40.66	41.14	41.38	41.17	42.00	41.94	41.82	41.79	40.50	---
7	39.06	40.20	40.83	41.17	41.49	41.35	42.04	41.65	41.82	41.82	40.57	---
8	39.12	40.03	40.78	41.00	41.32	41.49	42.27	41.74	41.78	41.87	---	---
9	39.39	40.28	40.75	41.03	41.19	41.74	42.75	41.62	41.77	41.80	---	---
10	39.19	40.26	40.70	40.95	41.31	41.58	42.76	41.65	41.77	41.76	---	---
11	38.99	40.39	40.49	41.12	41.32	41.25	42.68	41.68	41.74	41.83	---	---
12	39.15	40.41	40.54	41.17	41.08	41.26	42.86	41.66	41.67	41.92	---	---
13	39.03	40.31	40.77	40.95	41.00	41.41	43.06	41.62	41.63	41.94	---	---
14	39.08	40.24	40.67	40.79	41.24	41.31	43.21	41.49	41.65	41.91	---	---
15	39.26	40.26	40.81	40.92	41.45	41.34	43.24	41.49	41.67	41.83	---	---
16	39.20	40.52	40.66	41.03	41.15	41.36	43.25	41.60	41.75	41.70	---	---
17	39.35	40.30	40.54	41.19	40.97	41.58	43.19	41.66	41.75	41.50	---	---
18	39.67	40.13	40.56	41.20	41.08	41.58	43.02	41.74	41.72	41.28	---	---
19	39.30	40.16	40.57	40.95	41.40	41.39	42.85	41.79	41.81	41.16	---	---
20	39.27	40.17	40.62	41.23	41.54	41.33	43.31	41.75	41.75	41.16	---	---
21	39.73	40.32	40.80	41.37	41.39	41.25	42.99	41.65	41.68	41.16	---	---
22	39.61	40.44	40.93	41.06	41.43	41.43	42.99	41.64	41.68	41.13	---	---
23	39.54	40.46	41.17	41.06	41.28	41.71	42.45	41.68	41.73	41.07	---	---
24	39.79	40.28	41.14	41.20	41.30	41.60	42.51	41.65	41.80	40.97	---	---
25	39.83	40.24	40.92	41.20	41.54	41.41	42.62	41.61	41.79	40.95	---	---
26	39.67	40.11	41.00	41.20	41.50	41.31	42.05	41.57	41.76	40.94	---	---
27	39.83	40.39	40.94	40.92	41.26	41.44	41.97	41.68	41.73	40.89	---	---
28	39.98	40.87	40.72	40.92	41.09	41.29	41.83	41.71	41.76	40.86	---	---
29	39.87	41.04	40.75	41.03	---	41.48	41.86	41.60	41.82	40.86	---	---
30	39.83	40.59	41.14	41.32	---	41.76	41.87	41.46	41.83	40.82	---	---
31	39.81	---	41.17	41.51	---	41.98	---	41.47	---	40.76	---	---

WATER YEAR 1991 HIGHEST 38.87 OCT. 2, 3, 1990 LOWEST 43.44 APR. 20, 1991  
PERIOD OF RECORD HIGHEST 38.87 OCT. 2, 3, 1990 LOWEST 45.25 SEPT. 01, 1988  
RECORD AVAILABLE AUG. 3, 1988 TO AUG. 8, 1991.



## WATER RESOURCES DATA - TEXAS, 1991

GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

DEAF SMITH COUNTY

LOCAL WELL NUMBER	SITE ID	Page
		<u>HY</u> <u>WL</u> <u>QW</u>
HY-10-04-902	345342102313801 .....	60

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

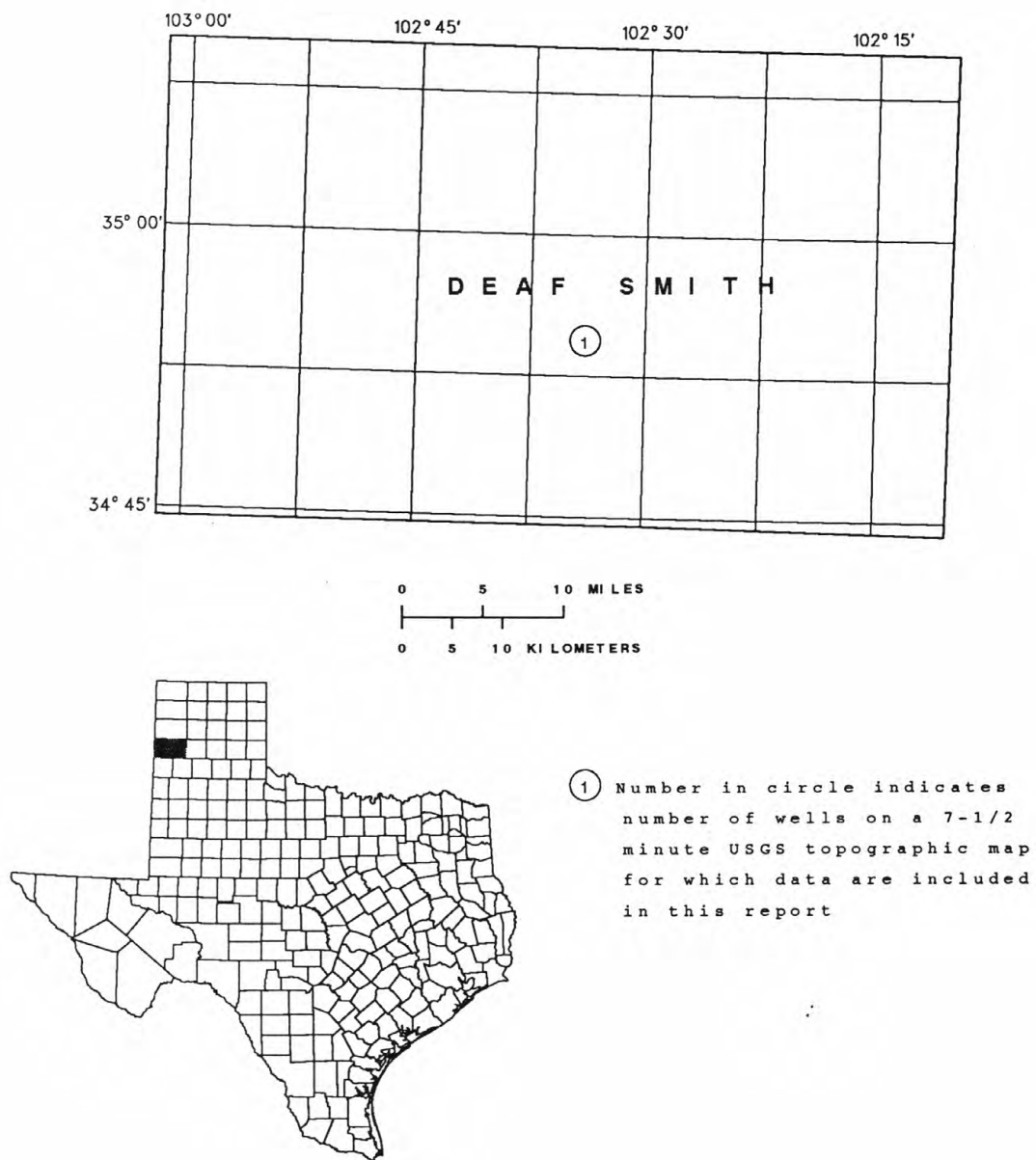


Figure 16.--Deaf Smith County map.

WATER LEVELS, DEAF SMITH COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 345342102313801  
LOCAL WELL NUMBER: HY-10-04-902

LOCATED APPROXIMATELY 6.5 MILES WEST ON FM 1058, 4.0 MILES NORTH ON FM 1057, 1 MILE WEST AND 1 MILE NORTH ON DIRT ROAD FROM HEREFORD, TX. CASING DIAMETER 14 INCHES, DEPTH 321 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,947 FEET. OWNER: STEVE CLEMENTS. OTHER IDENTIFIER: DEAF SMITH 1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	213.99	213.90	214.09	214.44	214.30	213.96	213.79	214.13	214.87	215.05	215.29	215.67
2	213.90	213.90	214.05	214.49	214.25	214.05	213.77	214.07	214.87	215.07	215.30	215.68
3	213.99	213.98	214.21	214.46	214.21	214.07	213.87	214.19	214.86	215.06	215.34	215.72
4	214.07	213.94	214.14	214.37	214.28	213.99	213.88	214.27	214.89	215.06	215.34	215.72
5	213.96	213.84	214.08	214.44	214.23	213.91	213.83	214.34	214.91	215.06	215.34	215.71
6	213.92	213.98	214.25	214.50	214.26	213.91	213.76	214.29	214.93	215.07	215.38	215.74
7	214.01	213.97	214.20	214.42	214.25	213.92	213.75	214.33	214.92	215.09	215.39	215.72
8	214.02	213.89	214.21	214.41	214.16	213.92	213.84	214.39	214.92	215.09	215.38	215.74
9	214.04	213.96	214.25	214.44	214.18	213.97	213.88	214.39	214.93	215.07	215.39	215.78
10	213.92	213.95	214.23	214.38	214.20	213.82	213.70	214.45	214.95	215.09	215.42	215.77
11	213.94	213.96	214.19	214.47	214.16	213.80	213.75	214.48	214.93	215.13	215.43	215.77
12	214.00	213.94	214.31	214.41	214.07	213.94	213.81	214.50	214.93	215.14	215.43	215.80
13	213.88	213.89	214.33	214.36	214.14	213.93	213.81	214.51	214.94	215.14	215.46	215.80
14	214.00	213.88	214.28	214.37	214.18	213.88	213.80	214.50	214.96	215.13	215.46	215.80
15	213.96	213.89	214.38	214.36	214.18	213.91	213.79	214.55	215.00	215.14	215.46	215.86
16	213.91	214.00	214.27	214.46	214.04	213.88	213.80	214.58	214.98	215.15	215.48	215.86
17	214.05	213.82	214.32	214.40	214.05	213.98	213.78	214.62	214.96	215.14	215.52	215.83
18	213.99	213.87	214.33	214.37	214.16	213.90	213.78	214.63	215.00	215.13	215.53	215.90
19	213.86	213.86	214.36	214.27	214.19	213.84	213.86	214.65	215.00	215.17	215.52	215.89
20	214.00	213.85	214.41	214.47	214.12	213.88	213.82	214.65	214.98	215.19	215.52	215.83
21	214.02	213.93	214.44	214.37	214.10	213.88	213.74	214.65	214.98	215.20	215.57	215.82
22	213.91	213.92	214.43	214.27	214.11	213.91	213.85	214.69	215.00	215.21	215.57	215.93
23	213.98	213.92	214.50	214.34	214.04	213.96	213.84	214.71	215.01	215.21	215.58	215.85
24	214.01	213.87	214.37	214.32	214.10	213.87	213.88	214.72	215.01	215.23	215.60	215.92
25	213.95	213.88	214.44	214.37	214.11	213.84	213.86	214.73	215.01	215.23	215.60	215.88
26	213.92	213.86	214.45	214.25	214.06	213.82	213.90	214.74	215.00	215.24	215.59	215.89
27	214.04	214.02	214.40	214.25	213.98	213.88	213.94	214.78	215.02	215.25	215.61	215.88
28	213.96	214.13	214.36	214.23	213.97	213.82	214.00	214.77	215.04	215.27	215.64	215.92
29	213.92	214.08	214.46	214.33	---	213.86	214.05	214.77	215.03	215.28	215.66	215.92
30	213.94	213.95	214.52	214.33	---	213.97	214.12	214.76	215.03	215.28	215.66	215.92
31	213.92	---	214.46	214.34	---	213.88	---	214.83	---	215.30	215.67	---

WATER YEAR 1991 HIGHEST 213.58 APR. 10, 1991 LOWEST 216.01 SEPT. 22, 1991  
PERIOD OF RECORD HIGHEST 212.47 MAY 3, 4, 1989 LOWEST 216.01 SEPT. 22, 1991  
RECORD AVAILABLE AUG. 11, 1988 TO SEP. 30, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

EL PASO COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
JL-49-04-111	315803106364501 .....			64	JL-49-06-501	315636106191901 .....			73
JL-49-04-115	315733106364401 .....			64	JL-49-06-702	315452106203201 .....			73
JL-49-04-416	315627106363701 .....			64	JL-49-06-703	315452106203202 .....			73
JL-49-04-417	315556106363101 .....			64	JL-49-06-901	315331106171001 .....			73
JL-49-04-418	315554106365701 .....			65	JL-49-13-301	315212106245101 .....		70	
JL-49-04-419	315717106364001 .....			65	JL-49-13-307	315132106242002 .....			73
JL-49-04-466	315712106364301 .....			65	JL-49-13-311	315211106241902 .....			73
JL-49-04-467	315712106364302 .....			65	JL-49-13-504	314851106254001 .....			73
JL-49-04-468	315712106364303 .....			66	JL-49-13-506	314831106260001 .....	63	70	
JL-49-04-469	315712106364304 .....			66	JL-49-13-520	314853106252301 .....			73
JL-49-04-470	315712106362301 .....			66	JL-49-13-524	314815106260501 .....			73
JL-49-04-471	315712106362302 .....			66	JL-49-13-628	314940106233701 .....			73
JL-49-04-472	315712106362303 .....			67	JL-49-13-725	314603106290401 .....		71	
JL-49-04-473	315712106362304 .....			67	JL-49-13-808	314518106255001 .....		71	
JL-49-04-474	315712106361801 .....			67	JL-49-13-828	314553106272301 .....			73
JL-49-04-475	315712106361802 .....			67	JL-49-13-832	314631106264101 .....		71	
JL-49-04-476	315712106361803 .....			68	JL-49-13-908	314556106233201 .....			73
JL-49-04-477	315712106361804 .....			68	JL-49-13-909	314556106234701 .....			73
JL-49-04-478	315712106361201 .....			68	JL-49-13-938	314632106244601 .....		71	
JL-49-04-479	315712106361202 .....			68	JL-49-14-101	315214106222101 .....			73
JL-49-04-480	315712106361203 .....			69	JL-49-14-202	315123106174501 .....			73
JL-49-04-481	315712106361204 .....			69	JL-49-14-303	315004106163902 .....			73
JL-49-05-614	315711106242401 .....			69	JL-49-14-504	314836106180201 .....			73
JL-49-05-625	315657106241301 .....			69	JL-49-14-720	314500106212201 .....		72	
JL-49-05-626	315654106241701 .....			70	JL-49-21-104	314458106292102 .....		72	
JL-49-05-904	315303106232201 .....			73	JL-49-21-306	314442106240801 .....		72	
JL-49-06-405	315717106222801 .....			70	JL-49-22-215	314401106174101 .....			73

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

## WATER RESOURCES DATA - TEXAS, 1991

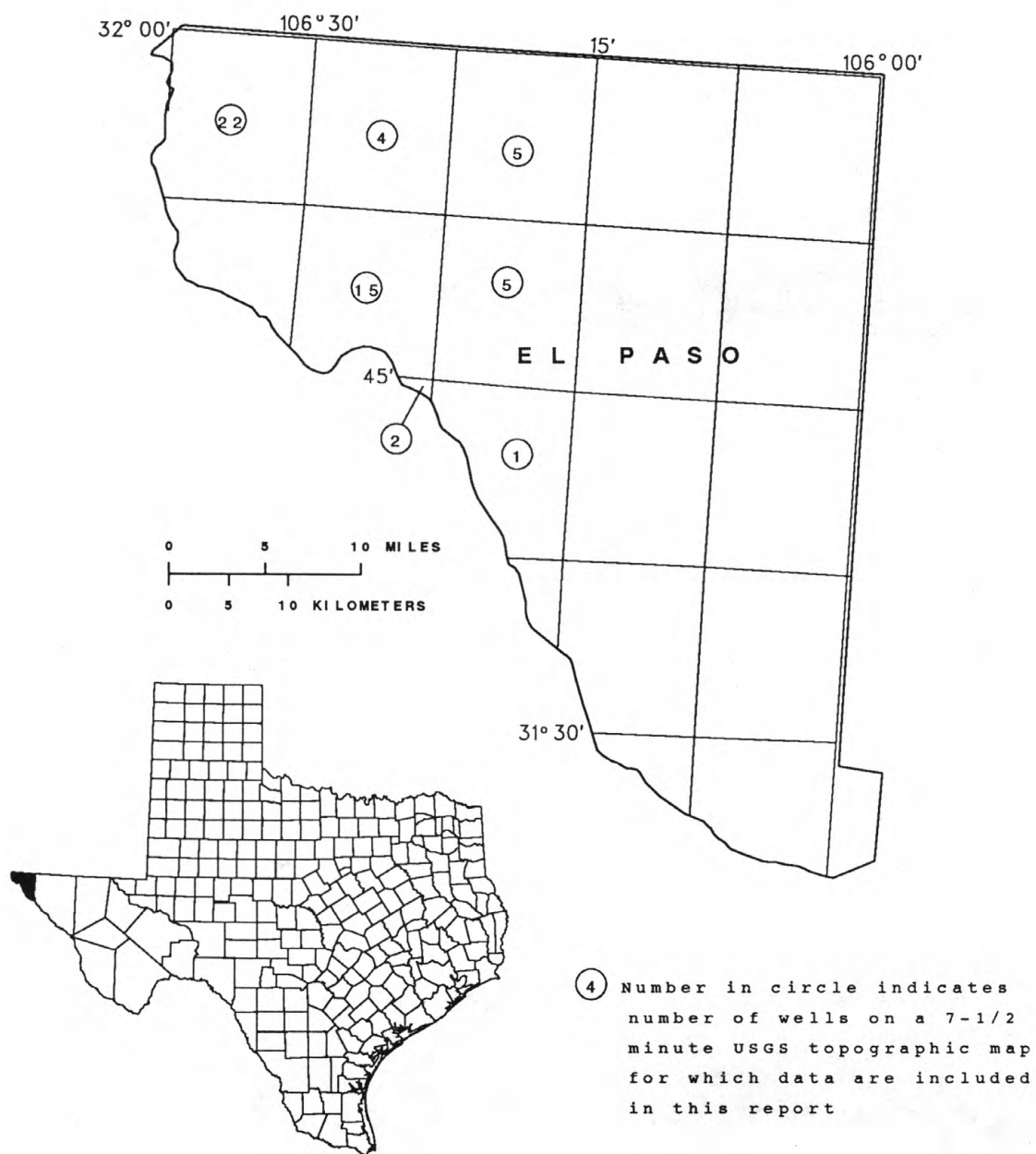


Figure 17.--El Paso County map.

## El Paso County

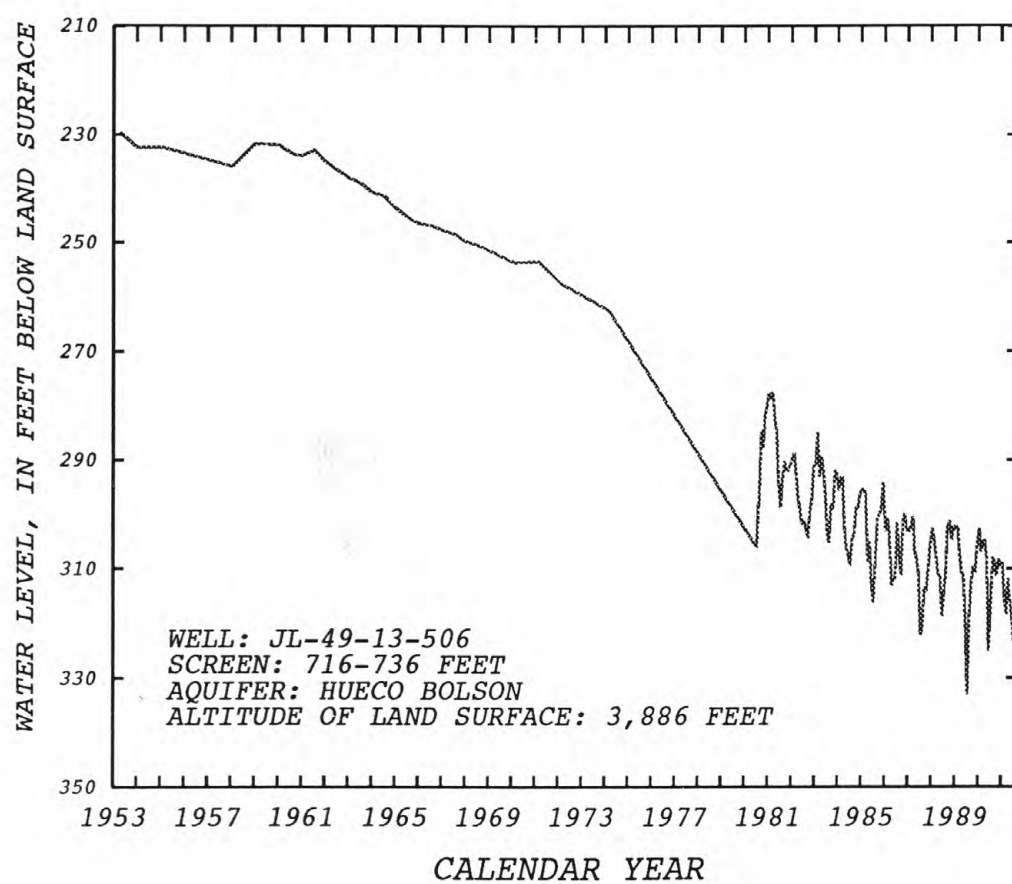


Figure 18.--Hydrograph for well JL-49-13-506.



## WATER LEVELS, EL PASO COUNTY

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 315803106364501  
LOCAL WELL NUMBER: JL-49-04-111

CITY OF EL PASO OBSERVATION WELL (CR-6) LOCATED ABOUT 0.75 MILE NORTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 1,063 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVALS 763 TO 1,063 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,776 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	64.00	JAN 22	48.91	APR 19	32.23	JUL 19	37.80
NOV 19	48.73	FEB 21	39.14	MAY 20	33.69	AUG 15	33.14
DEC 24	41.28	MAR 20	32.02	JUN 25	42.82	SEP 20	20.44
WATER YEAR 1991		HIGHEST	20.44	SEP 20, 1991	LOWEST	64.00	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	20.44	SEP 20, 1991	LOWEST	64.00	OCT 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				12 ENTRIES	

SITE NUMBER: 315733106364401  
LOCAL WELL NUMBER: JL-49-04-115

CITY OF EL PASO OBSERVATION WELL (CR-4) LOCATED ABOUT 0.55 MILE WEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 202 FEET. DIAMETER OF CASING 6 INCHES. SCREENED INTERVAL 102 TO 202 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,776.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	13.12	JAN 22	11.57	APR 19	9.21	JUL 19	9.75
NOV 19	11.92	FEB 21	10.27	MAY 20	9.99	AUG 15	9.09
DEC 24	12.26	MAR 20	9.26	JUN 25	10.29		
WATER YEAR 1991		HIGHEST	9.09	AUG 15, 1991	LOWEST	13.12	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	9.09	AUG 15, 1991	LOWEST	13.12	OCT 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				11 ENTRIES	

SITE NUMBER: 315627106363701  
LOCAL WELL NUMBER: JL-49-04-416

CITY OF EL PASO OBSERVATION WELL (CR-3) LOCATED ABOUT 1.3 MILES SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 1,013 FEET. DIAMETER OF CASING 6 INCHES. SCREENED INTERVAL 528 TO 1,013 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,768 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	23.37	JAN 22	18.96	APR 19	14.07	JUL 19	16.22
NOV 19	22.40	FEB 21	18.77	MAY 20	18.01	AUG 15	14.22
DEC 24	22.56	MAR 20	14.92	JUN 25	20.50	SEP 20	12.63
WATER YEAR 1991		HIGHEST	12.63	SEP 20, 1991	LOWEST	23.37	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	12.63	SEP 20, 1991	LOWEST	23.37	OCT 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				12 ENTRIES	

SITE NUMBER: 315556106363101  
LOCAL WELL NUMBER: JL-49-04-417

CITY OF EL PASO OBSERVATION WELL (CR-1) LOCATED ABOUT 1.9 MILES SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 200 FEET. DIAMETER OF CASING 6 INCHES. SCREENED INTERVAL 100 TO 200 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,766 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	21.64	JAN 22	17.17	APR 19	18.25	JUL 19	17.08
NOV 19	22.14	FEB 21	19.23	MAY 20	14.28	AUG 15	10.22
DEC 24	17.29	MAR 20	16.70	JUN 25	21.79	SEP 20	11.21
WATER YEAR 1991		HIGHEST	10.22	AUG 15, 1991	LOWEST	22.14	NOV 19, 1990
PERIOD OF RECORD		HIGHEST	10.22	AUG 15, 1991	LOWEST	22.14	NOV 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				12 ENTRIES	

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 315554106365701  
LOCAL WELL NUMBER: JL-49-04-418

CITY OF EL PASO OBSERVATION WELL (CR-5) LOCATED ABOUT 2.0 MILES SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 545 FEET. DIAMETER OF CASING 8 INCHES. SCREENED INTERVALS FROM 355 TO 545 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,770 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	32.24	JAN 22	26.48	APR 19	26.20	JUL 19	22.50
NOV 19	34.73	FEB 21	23.69	MAY 20	24.15	AUG 15	13.48
DEC 24	28.57	MAR 20	20.56	JUN 25	37.43	SEP 20	14.81
WATER YEAR 1991		HIGHEST	13.48	AUG 15, 1991	LOWEST	37.43	JUN 25, 1991
PERIOD OF RECORD		HIGHEST	13.48	AUG 15, 1991	LOWEST	37.43	JUN 25, 1991
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES

SITE NUMBER: 315717106364001  
LOCAL WELL NUMBER: JL-49-04-419

CITY OF EL PASO OBSERVATION WELL (CR-2) LOCATED ABOUT 0.55 MILE SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 1,072 FEET. DIAMETER OF CASING 6 INCHES. SCREENED INTERVAL 585 TO 1,050 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,773 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	75.92	JAN 22	49.16	APR 19	36.20	JUL 19	44.58
NOV 19	66.38	FEB 21	55.72	MAY 20	43.54	AUG 15	37.05
DEC 24	56.10	MAR 20	34.47	JUN 25	51.80	SEP 20	18.75
WATER YEAR 1991		HIGHEST	18.75	SEP 20, 1991	LOWEST	75.92	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	18.75	SEP 20, 1991	LOWEST	75.92	OCT 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES

SITE NUMBER: 315712106364301  
LOCAL WELL NUMBER: JL-49-04-466

CITY OF EL PASO OBSERVATION WELL (CWF-4A) LOCATED ABOUT 0.65 MILE SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 59 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 52 TO 57 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,771 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	6.48	JAN 22	8.21	APR 19	5.91	JUL 19	6.42
NOV 19	7.52	FEB 21	7.94	MAY 20	6.00	AUG 15	6.73
DEC 24	8.09	MAR 20	6.77	JUN 25	6.14	SEP 20	10.7
WATER YEAR 1991		HIGHEST	5.91	APR 19, 1991	LOWEST	10.7	SEP 20, 1991
PERIOD OF RECORD		HIGHEST	5.91	APR 19, 1991	LOWEST	10.7	SEP 20, 1991
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES

SITE NUMBER: 315712106364302  
LOCAL WELL NUMBER: JL-49-04-467

CITY OF EL PASO OBSERVATION WELL (CWF-4B) LOCATED ABOUT 0.65 MILE SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 159 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 152 TO 157 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,771 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	11.71	JAN 22	10.37	APR 19	8.37	JUL 19	9.79
NOV 19	12.01	FEB 21	8.46	MAY 20	9.96	AUG 15	9.51
DEC 24	11.95	MAR 20	7.26	JUN 25	10.61	SEP 20	8.28
WATER YEAR 1991		HIGHEST	7.26	MAR 20, 1991	LOWEST	12.01	NOV 19, 1990
PERIOD OF RECORD		HIGHEST	7.26	MAR 20, 1991	LOWEST	12.01	NOV 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES

WATER LEVELS, EL PASO COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 315712106364303  
LOCAL WELL NUMBER: JL-49-04-468

CITY OF EL PASO OBSERVATION WELL (CWF-4C) LOCATED ABOUT 0.65 MILE SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 299 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 292 TO 297 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,771 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	59.23	JAN 22	37.41	APR 19	19.95	JUL 19	55.92
NOV 19	62.92	FEB 21	20.40	MAY 20	38.36	AUG 15	41.34
DEC 24	63.86	MAR 20	24.49	JUN 25	50.43	SEP 20	26.04
WATER YEAR 1991		HIGHEST	19.95	APR 19, 1991	LOWEST	63.86	DEC 24, 1990
PERIOD OF RECORD		HIGHEST	19.95	APR 19, 1991	LOWEST	63.86	DEC 24, 1990
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991							12 ENTRIES

SITE NUMBER: 315712106364304  
LOCAL WELL NUMBER: JL-49-04-469

CITY OF EL PASO OBSERVATION WELL (CWF-4D) LOCATED ABOUT 0.65 MILE SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 800 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 792.5 TO 797.5 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,771 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	69.74	JAN 22	44.84	APR 19	24.19	JUL 19	36.95
NOV 19	65.86	FEB 21	51.46	MAY 20	39.77	AUG 15	29.26
DEC 24	58.49	MAR 20	29.82	JUN 25	48.00	SEP 20	17.49
WATER YEAR 1991		HIGHEST	17.49	SEP 20, 1991	LOWEST	69.74	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	17.49	SEP 20, 1991	LOWEST	69.74	OCT 19, 1990
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991							12 ENTRIES

SITE NUMBER: 315712106362301  
LOCAL WELL NUMBER: JL-49-04-470

CITY OF EL PASO OBSERVATION WELL (CWF-3A) LOCATED APPROXIMATELY 0.43 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 58 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 51 TO 56 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,774 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	6.86	JAN 22	11.48	APR 19	11.56	JUL 19	11.96
NOV 19	13.35	FEB 21	10.22	MAY 20	11.16	AUG 15	11.42
DEC 24	12.73	MAR 20	8.99	JUN 25	12.27	SEP 20	11.36
WATER YEAR 1991		HIGHEST	6.86	OCT 19, 1990	LOWEST	13.35	NOV 19, 1990
PERIOD OF RECORD		HIGHEST	6.86	OCT 19, 1990	LOWEST	13.35	NOV 19, 1990
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991							12 ENTRIES

SITE NUMBER: 315712106362302  
LOCAL WELL NUMBER: JL-49-04-471

CITY OF EL PASO OBSERVATION WELL (CWF-3B) LOCATED APPROXIMATELY 0.43 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 158 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 151 TO 156 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,774 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	20.29	JAN 22	16.69	APR 19	18.12	JUL 19	18.73
NOV 19	23.29	FEB 21	12.09	MAY 20	19.11	AUG 15	17.67
DEC 24	18.67	MAR 20	10.81	JUN 25	19.51	SEP 20	16.97
WATER YEAR 1991		HIGHEST	10.81	MAR 20, 1991	LOWEST	23.29	NOV 19, 1990
PERIOD OF RECORD		HIGHEST	10.81	MAR 20, 1991	LOWEST	23.29	NOV 19, 1990
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991							12 ENTRIES

## WATER LEVELS, EL PASO COUNTY--Continued

67

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 315712106362303  
LOCAL WELL NUMBER: JL-49-04-472

CITY OF EL PASO OBSERVATION WELL (CWF-3C) LOCATED APPROXIMATELY 0.43 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 298 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 291 TO 296 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,774 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	56.69	JAN 22	52.84	APR 19	25.67	JUL 19	49.08
NOV 19	76.33	FEB 21	26.64	MAY 20	41.68	AUG 15	37.32
DEC 24	76.46	MAR 20	28.04	JUN 25	48.11	SEP 20	27.34
WATER YEAR 1991		HIGHEST	25.67	APR 19, 1991	LOWEST	76.46	DEC 24, 1990
PERIOD OF RECORD		HIGHEST	25.67	APR 19, 1991	LOWEST	89.46	NOV 20, 1991
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES							

SITE NUMBER: 315712106362304  
LOCAL WELL NUMBER: JL-49-04-473

CITY OF EL PASO OBSERVATION WELL (CWF-3D) LOCATED APPROXIMATELY 0.43 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 799 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 792 TO 797 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,774 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	85.47	JAN 22	62.14	APR 19	25.79	JUL 19	40.35
NOV 19	61.74	FEB 21	50.25	MAY 20	59.32	AUG 15	34.85
DEC 24	55.54	MAR 20	33.00	JUN 25	66.33	SEP 20	21.72
WATER YEAR 1991		HIGHEST	21.72	SEP 20, 1991	LOWEST	85.47	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	21.72	SEP 20, 1991	LOWEST	85.47	OCT 19, 1990
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES							

SITE NUMBER: 315712106361801  
LOCAL WELL NUMBER: JL-49-04-474

CITY OF EL PASO OBSERVATION WELL (CWF-2A) LOCATED ABOUT 0.41 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 47 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 40 TO 45 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,773 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	9.45	DEC 24	9.72	APR 19	9.06	JUN 25	8.78	AUG 15	7.59
NOV 19	10.36	MAR 20	7.12	MAY 20	9.00	JUL 19	8.69	SEP 20	8.20
WATER YEAR 1991		HIGHEST	7.12	MAR 20, 1991	LOWEST	10.36	NOV 19, 1990		
PERIOD OF RECORD		HIGHEST	7.12	MAR 20, 1991	LOWEST	10.36	NOV 19, 1990		
RECORD AVAILABLE FROM JAN 22, 1990 TO SEP 20, 1991 10 ENTRIES									

SITE NUMBER: 315712106361802  
LOCAL WELL NUMBER: JL-49-04-475

CITY OF EL PASO OBSERVATION WELL (CWF-2B) LOCATED ABOUT 0.41 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 158 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 151 TO 156 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,773 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	20.58	JAN 22	17.88	APR 19	17.78	JUL 19	18.46
NOV 19	24.10	FEB 21	12.57	MAY 20	19.04	AUG 15	17.12
DEC 24	20.17	MAR 20	11.19	JUN 25	19.51	SEP 20	16.23
WATER YEAR 1991		HIGHEST	11.19	MAR 20, 1991	LOWEST	24.10	NOV 19, 1990
PERIOD OF RECORD		HIGHEST	11.19	MAR 20, 1991	LOWEST	24.10	NOV 19, 1990
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES							

WATER LEVELS, EL PASO COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 315712106361803  
LOCAL WELL NUMBER: JL-49-04-476

CITY OF EL PASO OBSERVATION WELL (CWF-2C) LOCATED ABOUT 0.41 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 300 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 293 TO 298 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,773 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	54.72	JAN 22	51.45	APR 19	25.73	JUL 19	45.44
NOV 19	73.82	FEB 21	26.63	MAY 20	41.03	AUG 15	35.00
DEC 24	73.5	MAR 20	26.74	JUN 25	46.51	SEP 20	25.35

WATER YEAR 1991 HIGHEST 25.35 SEP 20, 1991 LOWEST 73.82 NOV 19, 1990  
PERIOD OF RECORD HIGHEST 25.35 SEP 20, 1991 LOWEST 73.82 NOV 19, 1990  
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES

SITE NUMBER: 315712106361804  
LOCAL WELL NUMBER: JL-49-04-477

CITY OF EL PASO OBSERVATION WELL (CWF-2D) LOCATED ABOUT 0.41 MILE SOUTH-SOUTHWEST OF INTERSECTION OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 799 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 792 TO 797 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,773 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	83.38	JAN 22	61.44	APR 19	33.83	JUL 19	38.94
NOV 19	61.03	FEB 21	47.60	MAY 20	59.46	AUG 15	33.67
DEC 24	53.76	MAR 20	32.26	JUN 25	65.91	SEP 20	20.81

WATER YEAR 1991 HIGHEST 20.81 SEP 20, 1991 LOWEST 83.38 OCT 19, 1990  
PERIOD OF RECORD HIGHEST 20.81 SEP 20, 1991 LOWEST 83.38 OCT 19, 1990  
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES

SITE NUMBER: 315712106361201  
LOCAL WELL NUMBER: JL-49-04-478

CITY OF EL PASO OBSERVATION WELL (CWF-1A) LOCATED ABOUT 0.4 MILE SOUTH OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 52 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 45 TO 50 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,777 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	10.92	JAN 22	11.82	APR 19	10.67	JUL 19	9.73
NOV 19	11.54	FEB 21	11.72	MAY 20	10.12	AUG 15	8.65
DEC 24	11.78	MAR 20	9.84	JUN 25	9.65	SEP 20	9.62

WATER YEAR 1991 HIGHEST 8.65 AUG 15, 1991 LOWEST 11.82 JAN 22, 1991  
PERIOD OF RECORD HIGHEST 8.65 AUG 15, 1991 LOWEST 11.82 JAN 22, 1991  
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES

SITE NUMBER: 315712106361202  
LOCAL WELL NUMBER: JL-49-04-479

CITY OF EL PASO OBSERVATION WELL (CWF-1B) LOCATED ABOUT 0.4 MILE SOUTH OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 156 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 149 TO 154 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,777 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	24.77	JAN 22	23.15	APR 19	20.88	JUL 19	21.77
NOV 19	28.56	FEB 21	17.51	MAY 20	22.71	AUG 15	20.20
DEC 24	26.00	MAR 20	16.09	JUN 25	23.36	SEP 20	18.92

WATER YEAR 1991 HIGHEST 16.09 MAR 20, 1991 LOWEST 28.56 NOV 19, 1990  
PERIOD OF RECORD HIGHEST 16.09 MAR 20, 1991 LOWEST 28.56 NOV 19, 1990  
RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991 12 ENTRIES



WATER LEVELS, EL PASO COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

69

SITE NUMBER: 315712106361203  
LOCAL WELL NUMBER: JL-49-04-480

CITY OF EL PASO OBSERVATION WELL (CWF-1C) LOCATED ABOUT 0.4 MILE SOUTH OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 334 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 327 TO 332 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,777 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	57.07	JAN 22	52.95	APR 19	29.45	JUL 19	46.42
NOV 19	78.48	FEB 21	30.50	MAY 20	44.17	AUG 15	37.05
DEC 24	73.03	MAR 20	29.69	JUN 25	48.75	SEP 20	27.83
WATER YEAR 1991		HIGHEST	27.83	SEP 20, 1991	LOWEST	78.48	NOV 19, 1990
PERIOD OF RECORD		HIGHEST	27.83	SEP 20, 1991	LOWEST	78.48	NOV 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES

SITE NUMBER: 315712106361204  
LOCAL WELL NUMBER: JL-49-04-481

CITY OF EL PASO OBSERVATION WELL (CWF-1D) LOCATED ABOUT 0.4 MILE SOUTH OF U.S. HIGHWAY 80/85 AND VINTON ROAD. DEPTH OF WELL 803 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 796 TO 801 FEET IN THE SANTA FE FORMATION. ALTITUDE OF LAND-SURFACE DATUM 3,777 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	73.52	JAN 22	58.61	APR 19	34.66	JUL 19	41.89
NOV 19	61.31	FEB 21	42.57	MAY 20	54.88	AUG 15	36.26
DEC 24	56.18	MAR 20	32.90	JUN 25	61.55	SEP 20	24.54
WATER YEAR 1991		HIGHEST	24.54	SEP 20, 1991	LOWEST	73.52	OCT 19, 1990
PERIOD OF RECORD		HIGHEST	24.54	SEP 20, 1991	LOWEST	73.52	OCT 19, 1990
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES

SITE NUMBER: 315711106242401  
LOCAL WELL NUMBER: JL-49-05-614

CITY OF EL PASO RECHARGE WELL (OB-8) LOCATED ABOUT 0.95 MILE NORTH OF INTERSECTION OF NORTH-SOUTH FREEWAY AND MCCOMBS ROAD. DEPTH OF WELL 751 FEET. DIAMETER OF CASING 4.5 INCHES. SCREENED INTERVAL 315 TO 810 FEET IN THE HUECO BOLSON AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 3,990 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	341.5	JAN 22	340.79	APR 19	342.72	JUL 19	345.28		
NOV 19	340.29	FEB 20	345.89	MAY 20	345.81	AUG 15	343.32		
DEC 18	342.26	MAR 20	343.68	JUN 25	345.61	SEP 20	345.16		
WATER YEAR 1991		HIGHEST	340.29	NOV 19, 1990	LOWEST	345.89	FEB 20, 1991		
PERIOD OF RECORD		HIGHEST	340.29	NOV 19, 1990	LOWEST	345.89	FEB 20, 1991		
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991					12 ENTRIES		

SITE NUMBER: 315657106241301  
LOCAL WELL NUMBER: JL-49-05-625

CITY OF EL PASO OBSERVATION WELL (OB-7A) LOCATED ABOUT 0.79 MILE NORTHEAST OF INTERSECTION OF NORTH-SOUTH FREEWAY AND MCCOMBS ROAD. DEPTH OF WELL 751 FEET. DIAMETER OF CASING 6.625 INCHES. SCREENED INTERVAL 331 TO 751 FEET IN THE HUECO BOLSON AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 3,982 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
DEC 10	341.37	JUN 25	343.11	JUL 19	342.67	AUG 15	340.74	SEP 20	344.18
WATER YEAR 1991		HIGHEST	340.74	AUG 15, 1991	LOWEST	344.18	SEP 20, 1991		
PERIOD OF RECORD		HIGHEST	340.74	AUG 15, 1991	LOWEST	344.18	SEP 20, 1991		
		RECORD AVAILABLE FROM DEC 10, 1990 TO SEP 20, 1991					5 ENTRIES		



WATER LEVELS, EL PASO COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 315654106241701  
LOCAL WELL NUMBER: JL-49-05-626

CITY OF EL PASO OBSERVATION WELL (08-7B) LOCATED ABOUT 0.62 MILE NORTHEAST OF INTERSECTION OF NORTH-SOUTH FREEWAY AND McCOMBS ROAD. DEPTH OF WELL 751 FEET. DIAMETER OF CASING 6.63 INCHES. SCREENED INTERVAL 331 TO 751 FEET IN THE HUECO BOLSON AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 3,984 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
DEC 18	343.00	JUN 25	345.44	JUL 19	345.52	AUG 15	343.03	SEP 20	346.07
WATER YEAR 1991		HIGHEST 343.00	DEC 18, 1990	LOWEST 346.07	SEP 20, 1991				
PERIOD OF RECORD		HIGHEST 343.00	DEC 18, 1990	LOWEST 346.07	SEP 20, 1991				
		RECORD AVAILABLE FROM DEC 18, 1990 TO SEP 20, 1991				5 ENTRIES			

SITE NUMBER: 315717106222801  
LOCAL WELL NUMBER: JL-49-06-405

CITY OF EL PASO RECHARGE WELL (08-1) LOCATED ABOUT 0.65 MILE NORTHWEST OF INTERSECTION OF U.S. HIGHWAY 54 AND EL PASO NATURAL GAS PIPELINE ROAD. DEPTH OF WELL 710 FEET. DIAMETER OF CASING 6.63 INCHES. SCREENED INTERVAL 353 TO 710 FEET IN THE HUECO BOLSON AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 4,009 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	355.79	JAN 22	356.64	APR 19	359.65	JUL 19	362.64
NOV 19	361.22	FEB 20	357.89	MAY 20	361.52	AUG 15	357.39
DEC 18	360.06	MAR 20	360.02	JUN 25	359.24	SEP 20	362.63
WATER YEAR 1991		HIGHEST 355.79	OCT 19, 1990	LOWEST 362.64	JUL 19, 1991		
PERIOD OF RECORD		HIGHEST 355.79	OCT 19, 1990	LOWEST 362.64	JUL 19, 1991		
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				12 ENTRIES	

SITE NUMBER: 315212106245101  
LOCAL WELL NUMBER: JL-49-13-301

CITY OF EL PASO OBSERVATION WELL (R-45) LOCATED ON SOUTHSIDE OF HONDO PASS ABOUT 0.45 MILE WEST OF RAILROAD DRIVE. DEPTH OF WELL 640 FEET. DIAMETER OF CASING 20 INCHES. ALTITUDE OF LAND-SURFACE DATUM 3,882 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	272.68	JAN 22	270.46	APR 19	271.64	JUL 19	272.83
NOV 19	271.85	FEB 20	271.13	MAY 20	273.76	AUG 15	273.00
DEC 18	270.90	MAR 20	270.93	JUN 23	274.15	SEP 20	272.69
WATER YEAR 1991		HIGHEST 270.46	JAN 22, 1991	LOWEST 274.15	JUN 23, 1991		
PERIOD OF RECORD		HIGHEST 270.46	JAN 22, 1991	LOWEST 274.15	JUN 23, 1991		
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				12 ENTRIES	

SITE NUMBER: 314831106260001  
LOCAL WELL NUMBER: JL-49-13-506

U.S. GEOLOGICAL SURVEY-FORT BLISS OBSERVATION WELL (V-33) LOCATED AT SOUTHEAST CORNER OF CHAFFEE AND DONIPHAN. DEPTH OF WELL 736 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVAL 716 TO 736 FEET IN THE HUECO BOLSON AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 3,886 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	311.44	JAN 22	308.92	APR 19	311.82	JUL 19	323.46
NOV 19	308.30	FEB 20	315.38	MAY 20	315.84	AUG 15	318.04
DEC 18	309.42	MAR 20	318.39	JUN 25	320.19	SEP 20	310.79
WATER YEAR 1991		HIGHEST 308.30	NOV 19, 1990	LOWEST 323.46	JUL 19, 1991		
PERIOD OF RECORD		HIGHEST 229.59	APR 14, 1953	LOWEST 333.04	JUL 20, 1989		
		RECORD AVAILABLE FROM APR 14, 1953 TO SEP 20, 1991				166 ENTRIES	

## WATER LEVELS, EL PASO COUNTY--Continued

71

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 314603106290401  
LOCAL WELL NUMBER: JL-49-13-725

CITY OF EL PASO OBSERVATION WELL LOCATED IN HOUSTON PARK, NORTHWEST OF INTERSECTION OF ANGE AND YANDELL. DEPTH OF WELL 220 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVAL 200 TO 220 FEET IN THE HUECO BOLSON/RIO GRANDE ALLUVIUM TRANSITION ZONE. ALTITUDE OF LAND-SURFACE DATUM 3,742 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
DEC 17	154.39	MAR 19	155.25	JUN 25	155.40	SEP 20	154.65
WATER YEAR 1991		HIGHEST 154.39	DEC 17, 1990	LOWEST 155.40	JUN 25, 1991		
PERIOD OF RECORD		HIGHEST 154.39	DEC 17, 1990	LOWEST 155.40	JUN 25, 1991		
		RECORD AVAILABLE FROM DEC 17, 1990 TO SEP 20, 1991				4 ENTRIES	

SITE NUMBER: 314518106255001  
LOCAL WELL NUMBER: JL-49-13-808

CITY OF EL PASO OBSERVATION WELL LOCATED NEAR INTERSECTION OF BORDER HIGHWAY AND CONCEPCION. DEPTH OF WELL 622 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVALS FROM 350 TO 620 FEET IN THE HUECO BOLSON/RIO GRANDE ALLUVIUM TRANSITION ZONE. ALTITUDE OF LAND-SURFACE DATUM 3,697 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 19	91.53	JAN 22	91.07	APR 19	92.93	JUL 19	98.56
NOV 19	92.02	FEB 20	93.91	MAY 20	94.45	AUG 15	96.40
DEC 17	91.12	MAR 19	95.74	JUN 25	99.54	SEP 20	96.01
WATER YEAR 1991		HIGHEST 91.07	JAN 22, 1991	LOWEST 99.54	JUN 25, 1991		
PERIOD OF RECORD		HIGHEST 91.07	JAN 22, 1991	LOWEST 99.71	OCT 18, 1991		
		RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991				12 ENTRIES	

SITE NUMBER: 314631106264101  
LOCAL WELL NUMBER: JL-49-13-832

CITY OF EL PASO OBSERVATION WELL (V-211) LOCATED AT SOUTHWEST CORNER OF MARTINEZ AND ROSA. DEPTH OF WELL 160 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVALS 100 TO 160 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,699 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
DEC 17	80.72	MAR 19	80.96	JUN 25	81.42	SEP 20	81.58
WATER YEAR 1991		HIGHEST 80.72	DEC 17, 1990	LOWEST 81.58	SEP 20, 1991		
PERIOD OF RECORD		HIGHEST 80.72	DEC 17, 1990	LOWEST 81.58	SEP 20, 1991		
		RECORD AVAILABLE FROM DEC 17, 1990 TO SEP 20, 1991				4 ENTRIES	

SITE NUMBER: 314632106244601  
LOCAL WELL NUMBER: JL-49-13-938

CITY OF EL PASO OBSERVATION WELL (V-212). LOCATED ON SOUTH SIDE OF INTERSECTION OF CLARK AND CLEVELAND. DEPTH OF WELL 215 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVALS 155 TO 215 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,775 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
DEC 17	144.91	MAR 20	145.29	JUN 25	145.84	SEP 20	145.78
WATER YEAR 1991		HIGHEST 144.91	DEC 17, 1990	LOWEST 145.84	JUN 25, 1991		
PERIOD OF RECORD		HIGHEST 144.91	DEC 17, 1990	LOWEST 145.84	JUN 25, 1991		
		RECORD AVAILABLE FROM DEC 17, 1990 TO SEP 20, 1991				4 ENTRIES	

WATER LEVELS, EL PASO COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 314500106212201  
LOCAL WELL NUMBER: JL-49-14-720

CITY OF EL PASO OBSERVATION WELL (V-213) LOCATED ON NORTHEAST SIDE OF INTERSECTION OF AMECA AND PARRAL. DEPTH OF WELL 190 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVAL 170 TO 190 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,755 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS
DEC 14 158.98	MAR 20 158.37	JUN 25 158.95	SEP 20 157.59
WATER YEAR 1991	HIGHEST 157.59	SEP 20, 1991	LOWEST 158.98
PERIOD OF RECORD	HIGHEST 157.59	SEP 20, 1991	LOWEST 158.98
	RECORD AVAILABLE FROM DEC 14, 1990 TO SEP 20, 1991		4 ENTRIES

SITE NUMBER: 314458106292102  
LOCAL WELL NUMBER: JL-49-21-104

CITY OF EL PASO OBSERVATION WELL (V-168A) LOCATED ON SOUTHWEST SIDE OF CHARLES AND SEVENTH STREET EXTENDED. DEPTH OF WELL 150 FEET. DIAMETER OF CASING 4 INCHES. SCREENED INTERVALS 120 TO 150 FEET IN THE RIO GRANDE ALLUVIUM. ALTITUDE OF LAND-SURFACE DATUM 3,709 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS
OCT 19 105.83	JAN 22 108.01	APR 19 109.80	JUL 19 110.53
NOV 19 106.78	FEB 20 109.06	MAY 20 110.53	AUG 15 109.51
DEC 17 107.28	MAR 19 109.43	JUN 25 111.41	SEP 20 108.94
WATER YEAR 1991	HIGHEST 105.83	OCT 19, 1990	LOWEST 111.41
PERIOD OF RECORD	HIGHEST 105.83	OCT 19, 1990	LOWEST 111.41
	RECORD AVAILABLE FROM OCT 19, 1990 TO SEP 20, 1991		12 ENTRIES

SITE NUMBER: 314442106240801  
LOCAL WELL NUMBER: JL-49-21-306

INTERNATIONAL BOUNDARY AND WATER COMMISSION OBSERVATION WELL (V-171) LOCATED ON SOUTH SIDE OF BORDER HIGHWAY NEAR INTERSECTION OF RIO GRANDE LEVEE AND ASCARTE WASTEWAY. DEPTH OF WELL 52 FEET. DIAMETER OF CASING 2 INCHES. ALTITUDE OF LAND-SURFACE DATUM 3,684 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS
DEC 24 13.04	MAR 19 13.26	SEP 20 11.10
WATER YEAR 1991	HIGHEST 11.1	SEP 20, 1991
PERIOD OF RECORD	HIGHEST 11.1	SEP 20, 1991
	RECORD AVAILABLE FROM DEC 24, 1990 TO SEP 20, 1991	
		3 ENTRIES

## WATER QUALITY, EL PASO COUNTY

73

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	DEPTH OF WELL, TOTAL (FEET)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	ALKA- LINITY WAT DIS FIX END FIELD CAC03 (MG/L)	HARD- NESS TOTAL (MG/L AS CAC03)
JL-49-05-904	05-14-91	1716	834.00	>1440	515	7.9	26.0	120	72
JL-49-06-501	07-09-91	0850	450.00	125	1210	8.3	26.5	120	230
JL-49-06-702	07-09-91	1010	450.00	53	696	8.2	24.0	130	89
JL-49-06-703	07-09-91	1106	550.00	50	2040	7.8	24.5	61	300
JL-49-06-901	05-13-91	1326	550.00	--	2440	7.7	24.0	35	390
JL-49-13-307	05-14-91	1619	812.00	>1440	744	7.9	25.0	160	100
JL-49-13-311	05-29-91	0937	815.00	--	741	7.9	25.0	160	100
JL-49-13-504	05-14-91	1538	785.00	>1440	870	7.8	25.5	170	290
JL-49-13-520	05-29-91	1157	809.00	>1440	811	8.0	25.0	150	260
JL-49-13-524	05-14-91	1514	1045	>1440	576	7.9	25.5	190	180
JL-49-13-628	05-29-91	1011	1035	--	618	8.0	26.5	150	74
JL-49-13-828	05-31-91	0611	535.00	--	1020	8.0	23.0	130	170
JL-49-13-908	06-07-91	0945	681.00	--	1120	7.9	27.0	85	120
JL-49-13-909	06-07-91	0928	671.00	>1440	1300	7.9	27.0	110	200
JL-49-14-101	05-14-91	1647	819.00	>1440	575	7.9	25.5	110	86
JL-49-14-202	05-14-91	1305	520.00	--	1440	7.9	24.5	80	200
JL-49-14-303	05-13-91	1040	500.00	--	1340	7.8	24.0	110	210
JL-49-14-504	05-29-91	1120	503.00	--	1190	7.9	25.0	110	140
JL-49-22-215	05-14-91	1015	370.00	--	1170	8.2	26.0	120	180

LOCAL WELL NUMBER	DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)
JL-49-05-904	05-14-91	19	6.0	72	10	44	55	0.90	29	315
JL-49-06-501	07-09-91	69	14	160	8.7	150	210	0.40	30	733
JL-49-06-702	07-09-91	27	5.2	110	5.5	52	100	0.80	22	406
JL-49-06-703	07-09-91	84	22	260	10	18	600	0.50	26	1060
JL-49-06-901	05-13-91	110	27	310	11	110	670	0.30	19	1280
JL-49-13-307	05-14-91	26	8.4	120	9.8	86	76	1.3	32	467
JL-49-13-311	05-29-91	27	8.4	110	9.4	78	77	1.2	34	449
JL-49-13-504	05-14-91	75	26	62	6.4	77	120	0.60	34	523
JL-49-13-520	05-29-91	68	22	61	5.1	77	100	1.1	32	481
JL-49-13-524	05-14-91	42	18	52	4.5	52	30	0.40	27	356
JL-49-13-628	05-29-91	19	6.5	99	9.3	63	56	1.0	31	381
JL-49-13-828	05-31-91	44	14	140	5.0	110	180	0.40	28	600
JL-49-13-908	06-07-91	37	6.9	170	8.0	61	260	0.60	32	627
JL-49-13-909	06-07-91	56	15	170	11	82	300	0.60	32	731
JL-49-14-101	05-14-91	23	6.9	80	9.2	37	85	0.80	29	346
JL-49-14-202	05-14-91	54	16	210	10	67	360	0.40	22	787
JL-49-14-303	05-13-91	58	17	180	10	230	200	0.50	30	798
JL-49-14-504	05-29-91	37	11	180	8.6	130	210	0.60	28	674
JL-49-22-215	05-14-91	48	15	170	10	160	200	0.80	41	725

&gt; Actual value is greater than value shown.

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

FORT BEND COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
JY-65-09-906	294541095523201 .....			79	JY-65-26-908	293226095471601 .....			80
JY-65-10-811	294548095481401 .....			79	JY-65-28-201	293647095325701 .....			80
JY-65-18-609	294219095470501 .....			79	JY-65-28-311	293729095311601 .....	78		81
JY-65-19-704	293946095441701 .....	76		79	JY-65-29-107	293635095294101 .....			81
JY-65-20-711	293736095365501 .....			79	JY-65-29-405	293453095283501 .....			81
JY-65-25-301	293641095545001 .....	77		80	JY-65-29-706	293132095283301 .....			81
JY-65-26-406	293237095504801 .....			80	JY-65-33-504	292527095561701 .....			81
JY-65-26-603	293458095454301 .....			80	JY-65-34-701	292359095501601 .....			82

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

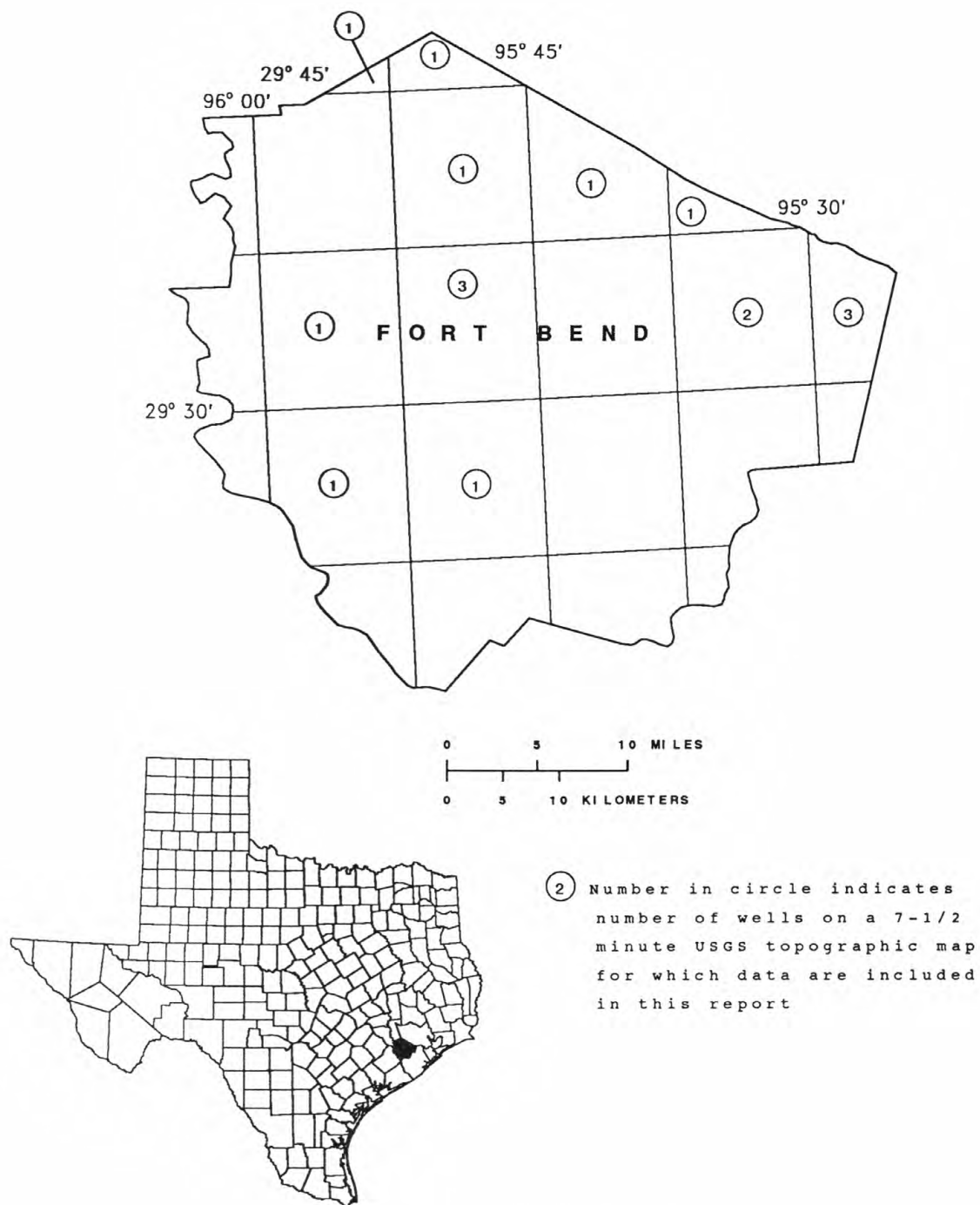


Figure 19.--Fort Bend County map.



## Fort Bend County

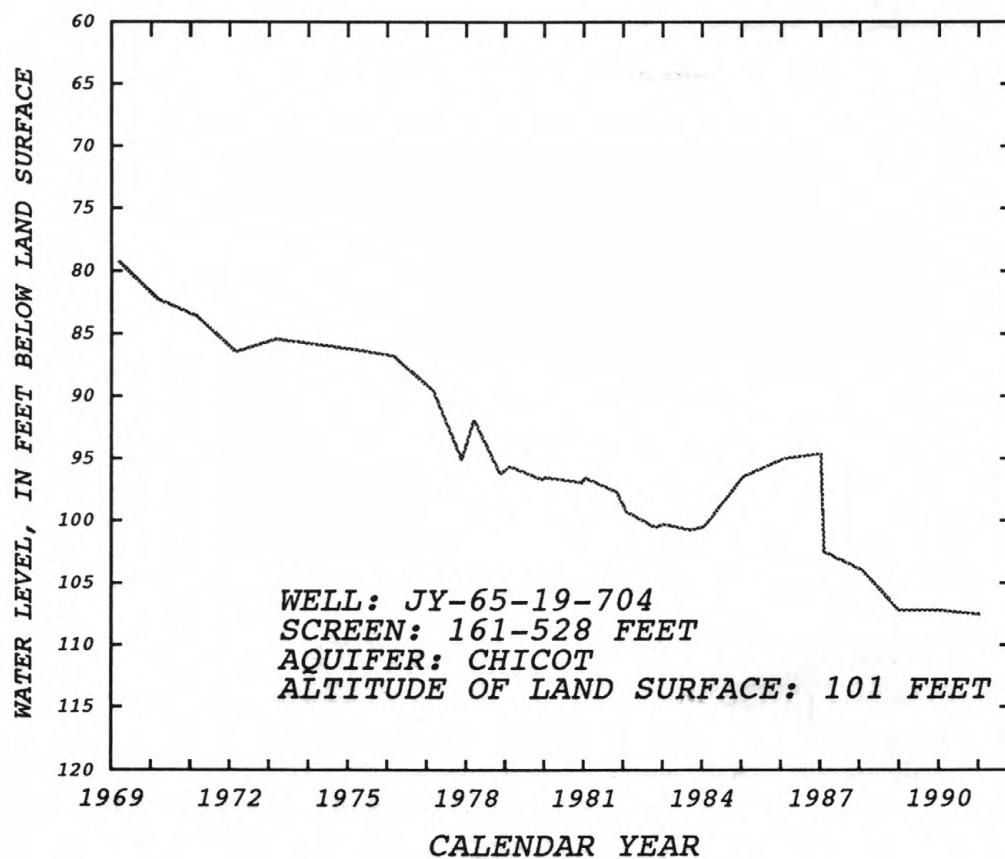


Figure 20.--Hydrograph for well JY-65-19-704.

## Fort Bend County

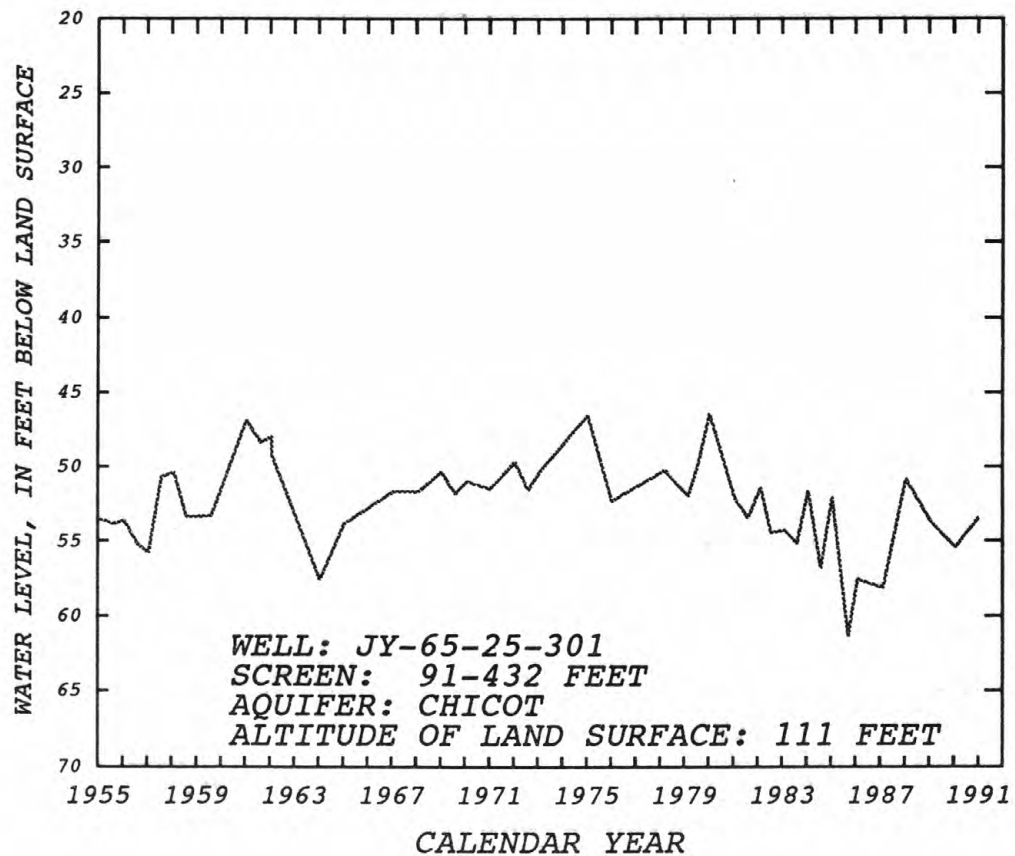


Figure 21.--Hydrograph for well JY-65-25-301.

## Fort Bend County

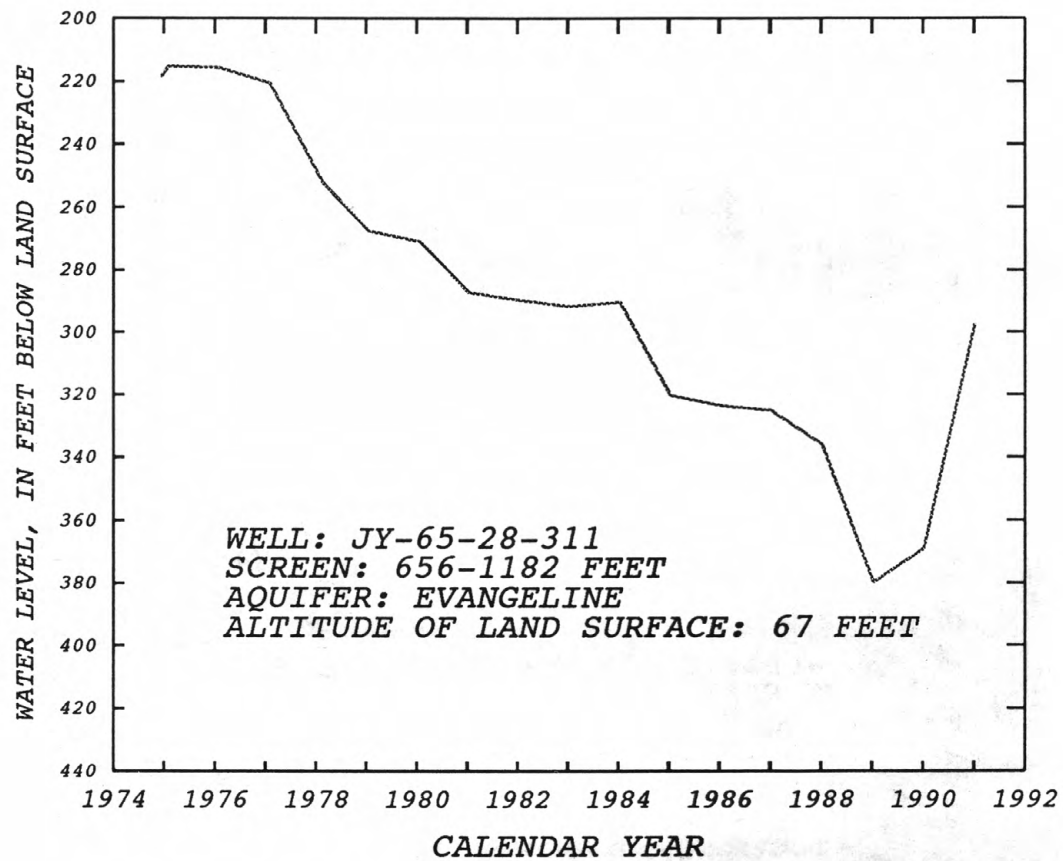


Figure 22.--Hydrograph for well JY-65-28-311.

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 294541095523201  
LOCAL WELL NUMBER: JY-65-09-906

MCMILLIAN FARM UNUSED WELL NO. 2 LOCATED 1 MILE SOUTH OF THE INTERSECTION OF INTERSTATE HIGHWAY 10 AND PETERSON ROAD. DEPTH OF WELL 575 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 83 TO 575 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 149 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 25 119.38 SR

PERIOD OF RECORD    HIGHEST 85.20 MAR 15, 1961    LOWEST 120.66 OCT 25, 1982  
RECORD AVAILABLE FROM NOV 13, 1959 TO JAN 25, 1991    34 ENTRIES

SITE NUMBER: 294548095481401  
LOCAL WELL NUMBER: JY-65-10-811

FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 37, PUBLIC SUPPLY WELL LOCATED 1 MILE SOUTH AND 1 MILE EAST OF THE INTERSECTION OF PIN OAK ROAD AND INTERSTATE HIGHWAY 10. DEPTH OF WELL 1,022 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 570 TO 1,012 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 129 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 23 196.48 SR

PERIOD OF RECORD    HIGHEST 170.07 MAR 21, 1986    LOWEST 196.48 JAN 23, 1991  
RECORD AVAILABLE FROM MAR 21, 1986 TO JAN 23, 1991    5 ENTRIES

SITE NUMBER: 294219095470501  
LOCAL WELL NUMBER: JY-65-18-609

FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 34, PUBLIC SUPPLY WELL LOCATED 2,200 FEET NORTH OF THE INTERSECTION OF STATE HIGHWAY 1093 AND GASTON ROAD. DEPTH OF WELL 1,090 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 658 TO 1,090 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 112 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 01 193.46 SR

PERIOD OF RECORD    HIGHEST 179.56 MAR 03, 1987    LOWEST 193.83 JAN 11, 1990  
RECORD AVAILABLE FROM MAR 05, 1986 TO FEB 01, 1991    6 ENTRIES

SITE NUMBER: 293946095441701  
LOCAL WELL NUMBER: JY-65-19-704

CINCO RANCH IRRIGATION WELL LOCATED 600 FEET SOUTH OF MORTIN ROAD ON SHINER ROAD. DEPTH OF WELL 528 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 161 TO 528 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 101 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 107.53 SR

PERIOD OF RECORD    HIGHEST 79.25 MAR 12, 1969    LOWEST 107.53 JAN 16, 1991  
RECORD AVAILABLE FROM MAR 12, 1969 TO JAN 16, 1991    29

ENTRIES

SITE NUMBER: 293736095365501  
LOCAL WELL NUMBER: JY-65-20-711

CITY OF SUGARLAND LAKEVIEW PUBLIC SUPPLY WELL LOCATED AT 1300 LAKEVIEW. DEPTH OF WELL 1,665 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 920 TO 1,650 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 81 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 13 312.31 SR

PERIOD OF RECORD    HIGHEST 239.    AUG 27, 1975    LOWEST 315.11 JAN 19, 1990  
RECORD AVAILABLE FROM AUG 27, 1975 TO JAN 13, 1991    4 ENTRIES

WATER LEVELS, FORT BEND COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 293641095545001  
LOCAL WELL NUMBER: JY-65-25-301

SMITH RANCH IRRIGATION WELL NO. 2 LOCATED 2 MILES NORTH AND 1 MILE WEST OF THE INTERSECTION OF GROTTO AND HIGHWAY 36. DEPTH OF WELL 438 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 91 TO 432 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 111 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 53.39 SR

PERIOD OF RECORD    HIGHEST 43.66 APR 24, 1947    LOWEST 61.38 SEP 18, 1985  
RECORD AVAILABLE FROM APR 24, 1947 TO JAN 17, 1991    60 ENTRIES

SITE NUMBER: 293237095504801  
LOCAL WELL NUMBER: JY-65-26-406

QUANEX INDUSTRIAL WELL NO. 2 LOCATED 500 FEET NORTH OF STATE HIGHWAY 529 ON SCOTT ROAD. DEPTH OF WELL 1,178 FEET. DIAMETER OF UPPER CASING 12 INCHES. SCREENED INTERVALS FROM 968 TO 1,160 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 103 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 22 141.90 SR

PERIOD OF RECORD    HIGHEST 88. NOV 22, 1967    LOWEST 141.90 JAN 22, 1991  
RECORD AVAILABLE FROM NOV 22, 1967 TO JAN 22, 1991    5 ENTRIES

SITE NUMBER: 293458095454301  
LOCAL WELL NUMBER: JY-65-26-603

CITY OF RICHMOND PUBLIC SUPPLY WELL NO. 4 LOCATED AT 400 MORTON. DEPTH OF WELL 518 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 342 TO 514 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 90 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 105.94 SR

PERIOD OF RECORD    HIGHEST 76.2 JAN 17, 1969    LOWEST 106.10 JAN 24, 1990  
RECORD AVAILABLE FROM JAN 17, 1969 TO JAN 16, 1991    5 ENTRIES

SITE NUMBER: 293226095471601  
LOCAL WELL NUMBER: JY-65-26-908

CITY OF ROSENBERG PUBLIC SUPPLY WELL NO. 7 LOCATED AT 3800 AIRPORT AVENUE. DEPTH OF WELL 1,580 FEET. DIAMETER OF UPPER CASING 26 INCHES. SCREENED INTERVALS FROM 950 TO 1,565 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 97 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 22 153.60 SR

PERIOD OF RECORD    HIGHEST 150. JAN 1987    LOWEST 160. APR 10, 1987  
RECORD AVAILABLE FROM JAN 1987 TO JAN 22, 1991    4 ENTRIES

SITE NUMBER: 293647095325701  
LOCAL WELL NUMBER: JY-65-28-201

FORT BEND COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 2, PUBLIC SUPPLY WELL NO. 1 LOCATED AT 300 KINGSWAY. DEPTH OF WELL 690 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 569 TO 680 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 82 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 278.40 SR

PERIOD OF RECORD    HIGHEST 251.85 MAR 02, 1987    LOWEST 278.40 JAN 28, 1991  
RECORD AVAILABLE FROM MAR 02, 1987 TO JAN 28, 1991    3 ENTRIES

WATER LEVELS, FORT BEND COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

81

SITE NUMBER: 293729095311601  
LOCAL WELL NUMBER: JY-65-28-311

CITY OF HOUSTON SIMS BAYOU PUBLIC SUPPLY WELL NO. 6 LOCATED NEAR U.S. HIGHWAY 90A AT THE FORT BEND AND HARRIS COUNTY LINE. DEPTH OF WELL 1,200 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 656 TO 1,182 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 67 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 297.38 SR

PERIOD OF RECORD    HIGHEST 215.18 FEB 04, 1975    LOWEST 379.73 JAN 12, 1989  
RECORD AVAILABLE FROM DEC 12, 1974 TO JAN 08, 1991    18 ENTRIES

SITE NUMBER: 293635095294101  
LOCAL WELL NUMBER: JY-65-29-107

CITY OF HOUSTON CHASEWOOD PUBLIC SUPPLY WELL NO. 2 LOCATED AT 1500 HILLCROFT. DEPTH OF WELL 1,220 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 750 TO 1,205 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 70 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 338.    AR

PERIOD OF RECORD    HIGHEST 288.84 JAN 28, 1987    LOWEST 338.    JAN 08, 1991  
RECORD AVAILABLE FROM NOV 06, 1979 TO JAN 08, 1991    6 ENTRIES

SITE NUMBER: 293453095283501  
LOCAL WELL NUMBER: JY-65-29-405

BLUE RIDGE ELEMENTARY SCHOOL UNUSED WELL LOCATED AT 6300 MCHARD ROAD. DEPTH OF WELL 565 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVAL 518 TO 553 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 72 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 260.07 SR

PERIOD OF RECORD    HIGHEST 249.95 JAN 06, 1992    LOWEST 260.07 JAN 08, 1991  
RECORD AVAILABLE FROM FEB 07, 1986 TO JAN 08, 1991    6 ENTRIES

SITE NUMBER: 293132095283301  
LOCAL WELL NUMBER: JY-65-29-706

FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 23, PUBLIC SUPPLY WELL NO. 1 LOCATED AT 1500 WEST SYCAMORE. DEPTH OF WELL 1,320 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 880 TO 1,320 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 72 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 09 233.05 SR

PERIOD OF RECORD    HIGHEST 225.30 FEB 20, 1987    LOWEST 233.05 JAN 09, 1991  
RECORD AVAILABLE FROM APR 27, 1984 TO JAN 09, 1991    5 ENTRIES

SITE NUMBER: 292527095561701  
LOCAL WELL NUMBER: JY-65-33-504

JACK WENDT IRRIGATION WELL NO. 1 LOCATED 2,000 FEET EAST OF THE INTERSECTION OF DARST AND RICE FIELD ROADS. DEPTH OF WELL 403 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 112 TO 397 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 95 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 11 51.44 SR

PERIOD OF RECORD    HIGHEST 22.26 APR 24, 1947    LOWEST 54.93 FEB 21, 1984  
RECORD AVAILABLE FROM APR 24, 1947 TO JAN 11, 1991    51 ENTRIES



WATER LEVELS, FORT BEND COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 292359095501601  
LOCAL WELL NUMBER: JY-65-34-701

CITY OF NEEDVILLE PUBLIC SUPPLY WELL LOCATED AT 3000 NEEDVILLE-ROSENBERG ROAD. DEPTH OF WELL 435 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 307 TO 417 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 93 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS  
JAN 11 72.85 SR

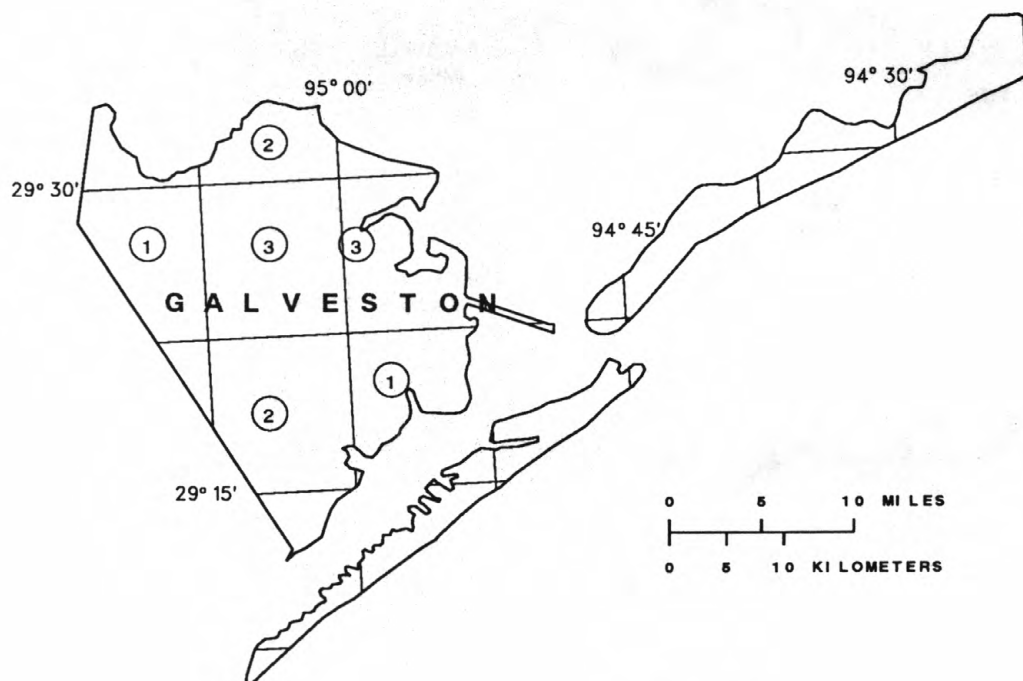
PERIOD OF RECORD    HIGHEST 51.36 OCT 26, 1955    LOWEST 84.13 SEP 01, 1983  
RECORD AVAILABLE FROM OCT 26, 1955 TO JAN 11, 1991    25 ENTRIES

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

GALVESTON COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
KH-64-33-701	292324094573801 .....		87		KH-65-39-601	292542095082301 .....		88	
KH-64-33-901	292337094542801 .....		87	90	KH-65-40-401	292533095052701 .....		88	90
KH-64-33-905	292333094545001 .....	85	87		KH-65-40-704	292403095052601 .....		88	90
KH-64-41-214	292209094564701 .....		87		KH-65-40-707	292338095063601 .....	86	88	
KH-65-32-524	293230095024701 .....		87	90	KH-65-48-214	292144095033601 .....		89	90
KH-65-32-901	293223095010701 .....			90	KH-65-48-316	292037095010501 .....			90

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record



② Number in circle indicates number of wells on a 7-1/2 minute USGS topographic map for which data are included in this report

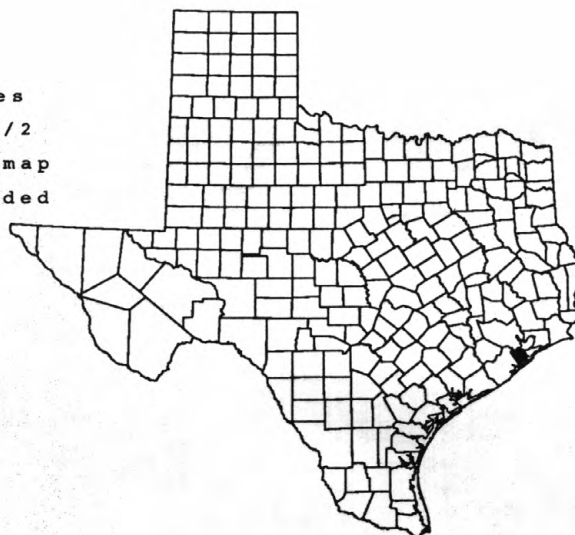


Figure 23.--Galveston County map.

## Galveston County

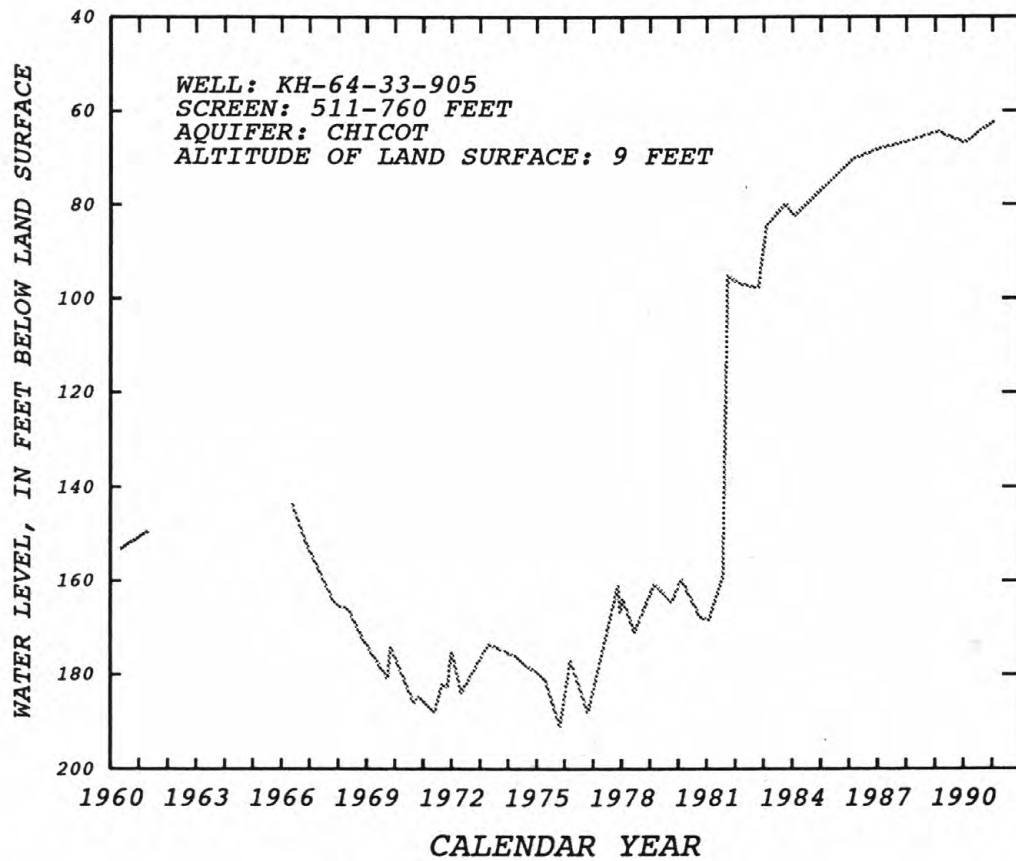


Figure 24.--Hydrograph for well KH-64-33-905.

## WATER RESOURCES DATA - TEXAS, 1991

## Galveston County

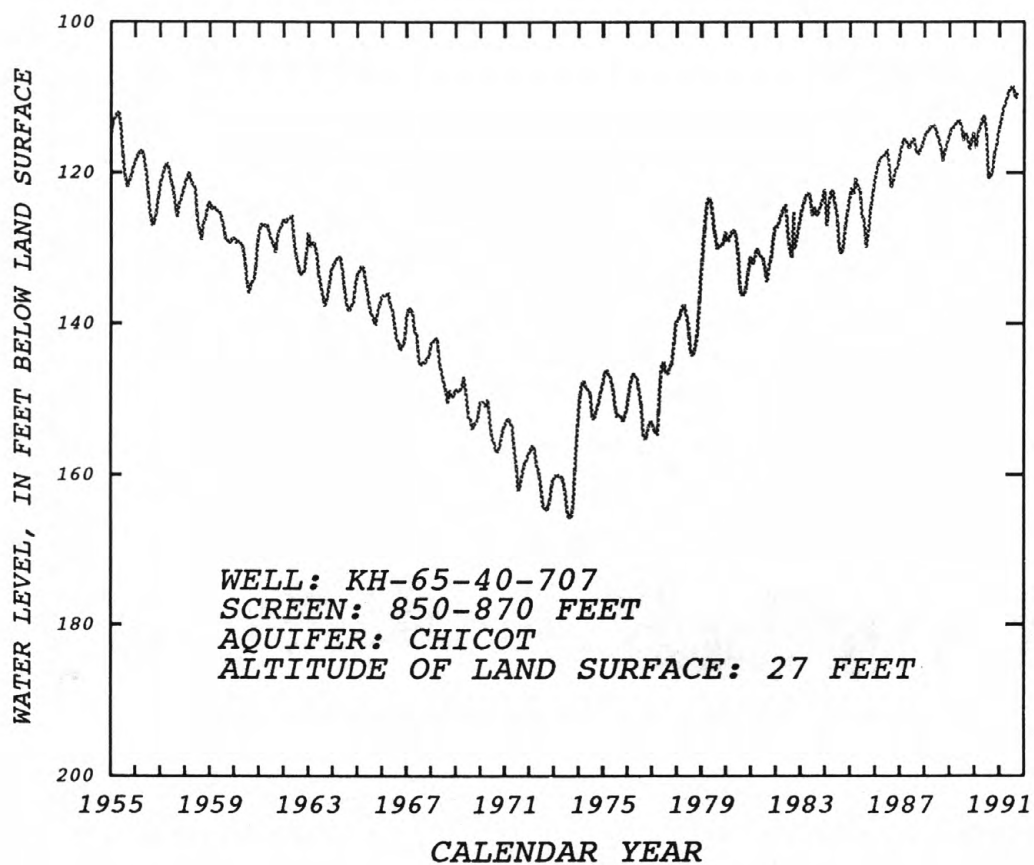


Figure 25.--Hydrograph for well KH-65-40-707.

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 292324094573801  
 LOCAL WELL NUMBER: KH-64-33-701

CITY OF TEXAS CITY'S PUBLIC SUPPLY WELL NO. 1 LOCATED ON ORCHID STREET 4,500 FEET NORTH OF STATE HIGHWAY 348. DEPTH OF WELL 737 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 310 TO 725 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 12 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
 LEVEL MS

JAN 16 64.87 S

PERIOD OF RECORD HIGHEST 64.87 JAN 16, 1991 LOWEST 172.36 FEB 08, 1980  
 RECORD AVAILABLE FROM APR 24, 1962 TO JAN 16, 1991 48 ENTRIES

SITE NUMBER: 292337094542801  
 LOCAL WELL NUMBER: KH-64-33-901

CITY OF TEXAS CITY'S PUBLIC SUPPLY WELL NO. 10 LOCATED 100 FEET NORTH ON 9TH STREET FROM STATE HIGHWAY 1764. DEPTH OF WELL 772 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 504 TO 770 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
 LEVEL MS

JAN 16 62.34 S

PERIOD OF RECORD HIGHEST 62.34 JAN 16, 1991 LOWEST 195.7 NOV 12, 1973  
 RECORD AVAILABLE FROM MAY 10, 1957 TO JAN 16, 1991 49 ENTRIES

SITE NUMBER: 292333094545001  
 LOCAL WELL NUMBER: KH-64-33-905

CITY OF TEXAS CITY'S PUBLIC SUPPLY WELL NO. 7 LOCATED 200 FEET SOUTH OF STATE HIGHWAY 1764 ON 14TH STREET. DEPTH OF WELL 763 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 511 TO 760 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 9 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
 LEVEL MS

JAN 16 63.49 S

PERIOD OF RECORD HIGHEST 63.49 JAN 16, 1991 LOWEST 191 OCT 31, 1975  
 RECORD AVAILABLE FROM NOV 22, 1948 TO JAN 16, 1991 56 ENTRIES

SITE NUMBER: 292209094564701  
 LOCAL WELL NUMBER: KH-64-41-214

UNION CARBIDE'S INDUSTRIAL WELL NO. 1 LOCATED 4,000 FEET NORTH OF THE INTERSECTION OF STATE HIGHWAYS 146 AND 341. DEPTH OF WELL 1,000 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 781 TO 989 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 15 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
 LEVEL MS

JAN 04 62.27 S

PERIOD OF RECORD HIGHEST 62.27 JAN 04, 1991 LOWEST 101.31 MAR 08, 1977  
 RECORD AVAILABLE FROM DEC 28, 1976 TO JAN 04, 1991 64 ENTRIES

SITE NUMBER: 293230095024701  
 LOCAL WELL NUMBER: KH-65-32-524

CITY OF LEAGUE CITY'S GLEN COVE PUBLIC SUPPLY WELL LOCATED AT THE INTERSECTION OF GLEN COVE AND SHASTA DRIVES. DEPTH OF WELL 705 FEET. DIAMETER OF UPPER CASING 10.75 INCHES. SCREENED INTERVAL FROM 610 TO 690 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 16 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
 LEVEL MS

JAN 11 151.28 S

PERIOD OF RECORD HIGHEST 151.28 JAN 11, 1991 LOWEST 231.70 MAY 05, 1976  
 RECORD AVAILABLE FROM JUN 09, 1966 TO JAN 11, 1991 30 ENTRIES



## WATER LEVELS, GALVESTON COUNTY--Continued

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 292542095082301  
LOCAL WELL NUMBER: KH-65-39-601

CITY OF GALVESTON'S UNUSED WELL TW8-11 LOCATED 3 MILES NORTH OF THE INTERSECTION OF TOWER ROAD AND STATE HIGHWAY 6. DEPTH OF WELL 677 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL 669 TO 677 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 22 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 23	130.64 S	JAN 25	123.23 S	APR 23	119.62 S	JUL 24	118.03 S
NOV 19	127.92 S	FEB 25	133.52 S	MAY 21	119.64 S	AUG 21	120.32 S
DEC 17	125.31 S	MAR 25	120.55 S	JUN 25	118.12 S	SEP 24	120.85 S
WATER YEAR 1991		HIGHEST	118.03	JUL 24, 1991	LOWEST	133.52	FEB 25, 1991
PERIOD OF RECORD		HIGHEST	54.76	MAY 27, 1942	LOWEST	177.83	AUG 24, 1973
		RECORD AVAILABLE FROM MAY 27, 1942 TO SEP 24, 1991 520 ENTRIES					

SITE NUMBER: 292533095052701  
LOCAL WELL NUMBER: KH-65-40-401

CITY OF GALVESTON'S PUBLIC SUPPLY WELL NO. 10 LOCATED 1.15 MILES SOUTH OF STATE HIGHWAY 517 ON STATE HIGHWAY 646. DEPTH OF WELL 770 FEET. DIAMETER OF UPPER CASING 19 INCHES. SCREENED INTERVALS FROM 647 TO 767 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 24 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	
JAN 07	111.98 S
PERIOD OF RECORD	HIGHEST 55.55 MAY 28, 1942 LOWEST 167.80 OCT 17, 1977
	RECORD AVAILABLE FROM MAY 28, 1942 TO JAN 07, 1991 35 ENTRIES

SITE NUMBER: 292403095052601  
LOCAL WELL NUMBER: KH-65-40-704

CITY OF GALVESTON'S PUBLIC SUPPLY WELL NO. 11 LOCATED 4,700 FEET NORTH OF STATE HIGHWAY 1764 ON STATE HIGHWAY 646. DEPTH OF WELL 771 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 656 TO 767 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 31 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	
JAN 07	111.14 S
PERIOD OF RECORD	HIGHEST 67.16 MAY 28, 1942 LOWEST 170.69 NOV 27, 1972
	RECORD AVAILABLE FROM MAY 28, 1942 TO JAN 07, 1991 48 ENTRIES

SITE NUMBER: 292338095063601  
LOCAL WELL NUMBER: KH-65-40-707

CITY OF GALVESTON'S UNUSED WELL NO. TW-2 LOCATED 1 MILE NORTH OF THE INTERSECTION OF STATE HIGHWAYS 6 AND 1764. DEPTH OF WELL 870 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 850 TO 870 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 27 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 23	117.23 S	JAN 25	113.13 S	APR 23	110.03 S	JUN 25	108.68 S	SEP 24	109.55 S
NOV 19	116.59 S	FEB 25	111.62 S	29	109.80 S	JUL 24	108.63 S		
DEC 17	114.70 S	MAR 25	110.92 S	MAY 21	109.22 S	AUG 21	110.26 S		
WATER YEAR 1991		HIGHEST	108.63	JUL 24, 1991	LOWEST	117.23	OCT 23, 1990		
PERIOD OF RECORD		HIGHEST	54.43	FEB 20, 1941	LOWEST	165.76	AUG 24, 1973		
		RECORD AVAILABLE FROM FEB 20, 1941 TO SEP 24, 1991 563 ENTRIES							

WATER LEVELS, GALVESTON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

89

SITE NUMBER: 292144095033601  
LOCAL WELL NUMBER: KH-65-48-214

CITY OF GALVESTON'S PUBLIC SUPPLY WELL NO. 8 LOCATED ON STATE HIGHWAY 6, 1.5 MILES SOUTHEAST OF STATE HIGHWAY 646.  
DEPTH OF WELL 884 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 703 TO 884 FEET IN THE CHICOT  
AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 19 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 02 79.82 S

PERIOD OF RECORD    HIGHEST 79.71 JAN 27, 1989    LOWEST 131.32 NOV 27, 1972  
RECORD AVAILABLE FROM MAY 16, 1961 TO JAN 02, 1991    42 ENTRIES

## WATER QUALITY, GALVESTON COUNTY

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	ALKA- LITY WAT DIS FIX END FIELD CAC03 (MG/L)	HARD- NESS TOTAL (MG/L AS CAC03)
KH-64-33-901	08-14-91	0815	772.00	1780	7.6	27.0	--	--
KH-65-32-524	08-12-91	0805	705.00	1280	8.0	25.0	--	--
KH-65-32-901	08-06-91	0945	563.00	1080	7.9	25.0	--	--
KH-65-40-401	08-01-91	1015	770.00	1090	7.7	26.0	--	--
KH-65-40-704	08-01-91	1100	771.00	1420	7.6	26.5	--	--
KH-65-48-214	08-01-91	0845	884.00	2770	7.6	27.5	--	--
KH-65-48-316	08-05-91	0705	1080	1780	7.8	28.0	270	46

LOCAL WELL NUMBER	DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS S04)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)
KH-64-33-901	08-14-91	--	--	--	--	--	--	--	--
KH-65-32-524	08-12-91	--	--	--	--	--	--	--	--
KH-65-32-901	08-06-91	--	--	--	--	--	--	--	--
KH-65-40-401	08-01-91	--	--	--	--	--	--	--	--
KH-65-40-704	08-01-91	--	--	--	--	--	--	--	--
KH-65-48-214	08-01-91	--	--	--	--	--	--	--	--
KH-65-48-316	08-05-91	11	4.5	360	2.0	0.70	0.90	26	968

# WATER RESOURCES DATA - TEXAS, 1991

91

GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

## HALE COUNTY

LOCAL WELL NUMBER	SITE ID	Page
		<u>HY</u> <u>WL</u> <u>QW</u>
KY-23-10-407	334953101503701 .....	93 94

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

## WATER RESOURCES DATA - TEXAS, 1991

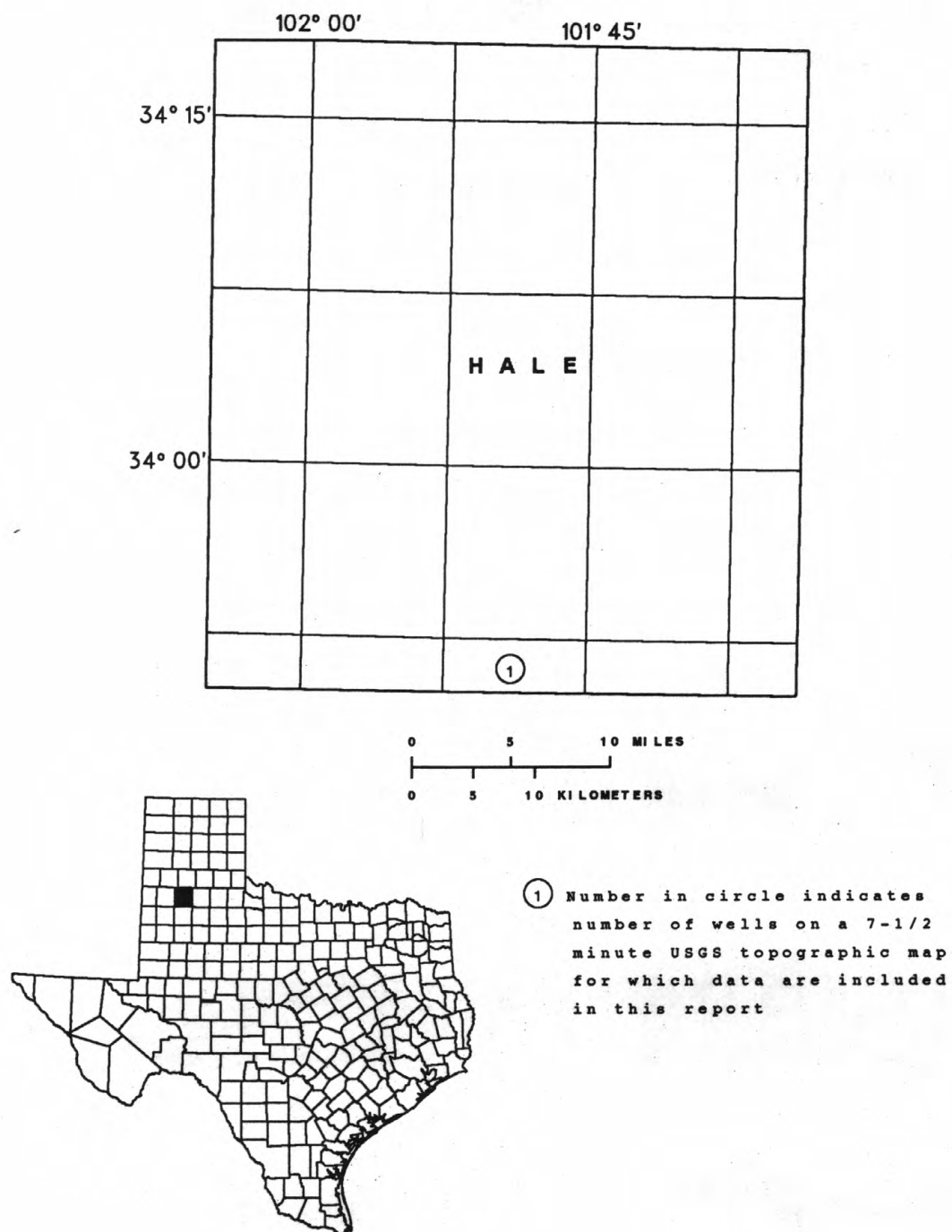


Figure 26.--Hale County map.

## Hale County

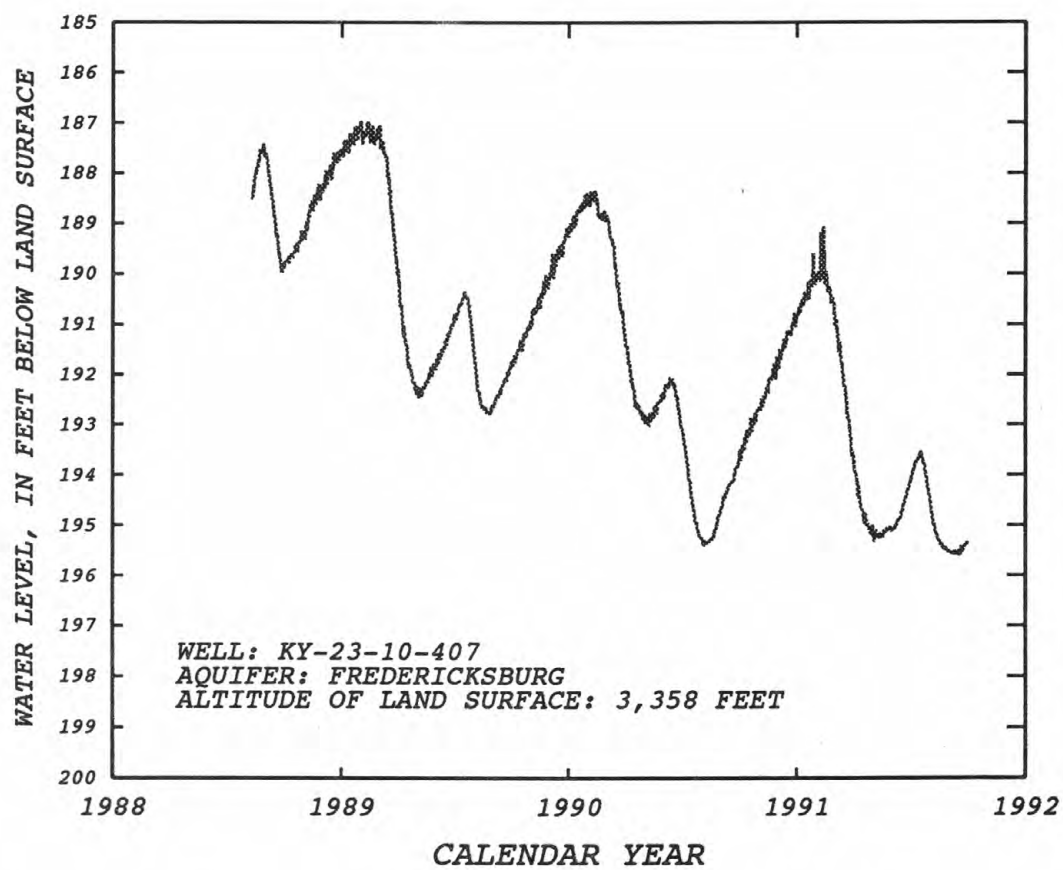


Figure 27.--Hydrograph for well KY-23-10-407.



## WATER LEVELS, HALE COUNTY

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 334953101503701  
 LOCAL WELL NUMBER: KY-23-10-407

LOCATED ON CITY SQUARE ADJACENT TO MUNICIPAL BUILDING IN ABERNATHY, TX. CASING DIAMETER 16 INCHES, DEPTH 237 FEET.  
 ALTITUDE OF LAND-SURFACE DATUM 3,358 FEET. OWNER: CITY OF ABERNATHY. OTHER IDENTIFIER: HALE 1.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	193.65	192.66	191.75	190.81	190.12	190.60	193.55	195.17	195.11	194.14	194.44	195.53
2	193.50	192.67	191.67	190.85	190.04	190.82	193.61	195.01	195.12	194.10	194.51	195.53
3	193.60	192.73	191.88	190.86	189.96	191.02	193.88	195.14	195.06	194.05	194.64	195.55
4	193.71	192.70	191.71	190.67	190.09	190.92	193.94	195.24	195.05	193.99	194.73	195.56
5	193.49	192.48	191.50	190.67	190.06	190.90	193.97	195.33	195.07	193.95	194.79	195.53
6	193.39	192.63	191.69	190.80	190.13	191.10	194.00	195.18	195.08	193.90	194.91	195.57
7	193.49	192.64	191.61	190.67	190.15	191.23	194.04	195.09	195.03	193.89	194.97	195.53
8	193.45	192.43	191.54	190.57	189.18	191.33	194.25	195.21	195.00	193.85	194.97	195.54
9	193.48	192.57	191.51	190.64	190.01	191.54	194.47	195.18	194.99	193.76	195.05	195.58
10	193.24	192.47	191.44	190.51	190.11	191.37	194.22	195.24	194.97	193.73	195.10	195.56
11	193.21	192.48	191.30	190.65	189.24	191.38	194.32	195.25	194.93	193.75	195.16	195.54
12	193.34	192.40	191.41	190.54	189.07	191.64	194.49	195.24	194.89	193.73	195.18	195.53
13	193.11	192.31	191.46	190.39	189.15	191.77	194.59	195.20	194.88	193.68	195.21	195.52
14	193.25	192.26	191.28	190.39	190.15	191.79	194.65	195.16	194.87	193.66	195.27	195.51
15	193.18	192.26	191.39	190.42	190.21	191.94	194.68	195.20	194.86	193.64	195.28	195.57
16	193.08	192.38	191.18	190.52	189.97	192.01	194.71	195.25	194.83	193.62	195.30	195.60
17	193.22	192.11	191.15	190.47	189.99	192.24	194.75	195.24	194.74	193.57	195.36	195.50
18	193.14	192.08	191.14	190.39	190.18	192.23	194.83	195.26	194.72	193.54	195.37	195.58
19	192.87	192.09	191.14	190.18	190.36	192.23	194.94	195.22	194.70	193.59	195.38	195.58
20	193.03	192.06	191.19	190.50	190.26	192.38	194.97	195.13	194.61	193.67	195.37	195.46
21	193.13	192.11	191.20	190.37	190.23	192.49	194.77	195.11	194.54	193.70	195.43	195.41
22	192.89	192.08	191.14	190.13	190.35	192.72	194.95	195.12	194.54	193.75	195.43	195.54
23	192.94	192.03	191.23	190.25	190.28	192.89	194.97	195.14	194.51	193.77	195.44	195.46
24	193.00	191.88	191.02	190.25	190.45	192.84	195.03	195.10	194.45	193.83	195.48	195.48
25	192.88	191.88	190.99	190.26	190.60	192.89	194.98	195.07	194.40	193.92	195.46	195.41
26	192.78	191.78	191.02	190.11	190.57	192.98	195.01	195.05	194.33	193.99	195.45	195.42
27	192.94	191.96	190.91	189.61	190.48	193.22	195.09	195.10	194.30	194.06	195.47	195.37
28	192.83	192.09	190.79	190.03	190.55	193.19	195.07	195.07	194.27	194.15	195.50	195.40
29	192.72	191.96	190.90	190.17	---	193.43	195.15	195.03	194.23	194.24	195.52	195.38
30	192.72	191.64	191.05	190.21	---	193.64	195.18	195.03	194.16	194.30	195.52	195.33
31	192.69	---	190.89	190.21	---	193.61	---	195.07	---	194.38	195.52	---

WATER YEAR 1991 HIGHEST 189.79 FEB. 12, 1991 LOWEST 195.67 SEPT. 16, 1991  
 PERIOD OF RECORD HIGHEST 186.87 FEB. 12, 1989 LOWEST 195.67 SEPT. 16, 1991  
 RECORD AVAILABLE AUG. 09, 1988 TO SEP. 30, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

HARRIS COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		HY	WL	QW			HY	WL	QW
LJ-60-58-501	300408095485701 .....	102			LJ-65-14-101	295116095200401 .....	110	119	
LJ-60-58-704	300146095510401 .....	102			LJ-65-14-402	294932095200601 .....	110		
LJ-60-60-101	300551095365701 .....	97	102		LJ-65-14-409	294901095221001 .....	110		
LJ-60-60-203	300551095330401 .....	102			LJ-65-14-745	294728095200105 .....	111		
LJ-60-61-101	300507095280201 .....	102			LJ-65-15-507	294803095105701 .....	111		
LJ-60-61-601	300457095245801 .....	103			LJ-65-15-802	294642095114901 .....	111		
LJ-60-62-401	300239095212601 .....	103			LJ-65-15-915	294602095092401 .....	111		
LJ-60-63-901	300037095084801 .....	103			LJ-65-15-917	294602095092403 .....	111		
LJ-60-64-402	300308095071401 .....		119		LJ-65-16-110	295226095071801 .....	112	119	
LJ-60-64-403	300308095071402 .....	103			LJ-65-16-502	294849095034701 .....	112		
LJ-60-64-701	300120095063601 .....	103			LJ-65-16-904	294527095014901 .....	112		
LJ-64-09-703	294637094592501 .....	104			LJ-65-19-201	294302095411801 .....	112		
LJ-64-17-201	294459094560301 .....	104	119		LJ-65-19-320	294428095384501 .....	112		
LJ-65-01-301	295840095525901 .....	104			LJ-65-20-118	294237095351901 .....	113		
LJ-65-01-302	295831095530801 .....	104			LJ-65-20-409	294144095351001 .....	99	113	
LJ-65-02-208	295821095481901 .....	105			LJ-65-20-911	293732095300601 .....	113		
LJ-65-02-612	295505095462201 .....	105			LJ-65-21-201	294338095270401 .....	113		
LJ-65-03-101	295842095430201 .....	105			LJ-65-21-304	294320095231901 .....	113		
LJ-65-03-405	295558095442301 .....	105			LJ-65-21-505	294002095272301 .....	114		
LJ-65-04-415	295719095371701 .....	105			LJ-65-21-701	293942095283101 .....	114	119	
LJ-65-04-719	295258095354201 .....	106			LJ-65-22-103	294334095210101 .....	114		
LJ-65-05-216	295758095251701 .....	106			LJ-65-22-602	294214095155501 .....	114		
LJ-65-05-404	295522095291902 .....	106			LJ-65-23-104	294445095141101 .....	114		
LJ-65-06-103	295850095201301 .....	106			LJ-65-23-131	294315095133203 .....	115		
LJ-65-06-526	295616095195802 .....	106			LJ-65-23-132	294315095133204 .....	115		
LJ-65-07-902	295449095083401 .....	107			LJ-65-23-219	294425095101601 .....	100	115	
LJ-65-07-905	295449095084101 .....	107			LJ-65-23-220	294425095100801 .....	100	115	
LJ-65-07-908	295449095084104 .....	107			LJ-65-23-221	294424095100401 .....	115		
LJ-65-08-103	295817095065501 .....	107			LJ-65-24-501	294158095024701 .....	116		
LJ-65-08-708	295259095065401 .....	108			LJ-65-24-606	294207095022001 .....	116		
LJ-65-10-516	294808095485401 .....	108			LJ-65-24-901	293956095011001 .....		119	
LJ-65-10-904	294548095461901 .....	108			LJ-65-29-108	293652095293601 .....	116		
LJ-65-11-108	295216095434001 .....	108			LJ-65-31-108	293636095133801 .....	116		
LJ-65-11-405	294948095441001 .....	108			LJ-65-31-211	293724095115901 .....	116		
LJ-65-11-804	294717095401001 .....	109			LJ-65-31-605	293344095082301 .....	117		
LJ-65-11-901	294518095393401 .....	109			LJ-65-32-203	293644095045501 .....	117		
LJ-65-12-723	294707095372201 .....	109			LJ-65-32-207	293709095024802 .....	101		
LJ-65-12-801	294538095344601 .....	98	109		LJ-65-32-406	293315095063401 .....	101	117	
LJ-65-13-323	295130095241203 .....	109			LJ-65-32-424	293349095070901 .....	117		
LJ-65-13-601	294931095240801 .....	110			LJ-65-32-425	293348095070601 .....	118		
LJ-65-13-944	294541095232901 .....	110	119						

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

## WATER RESOURCES DATA - TEXAS, 1991

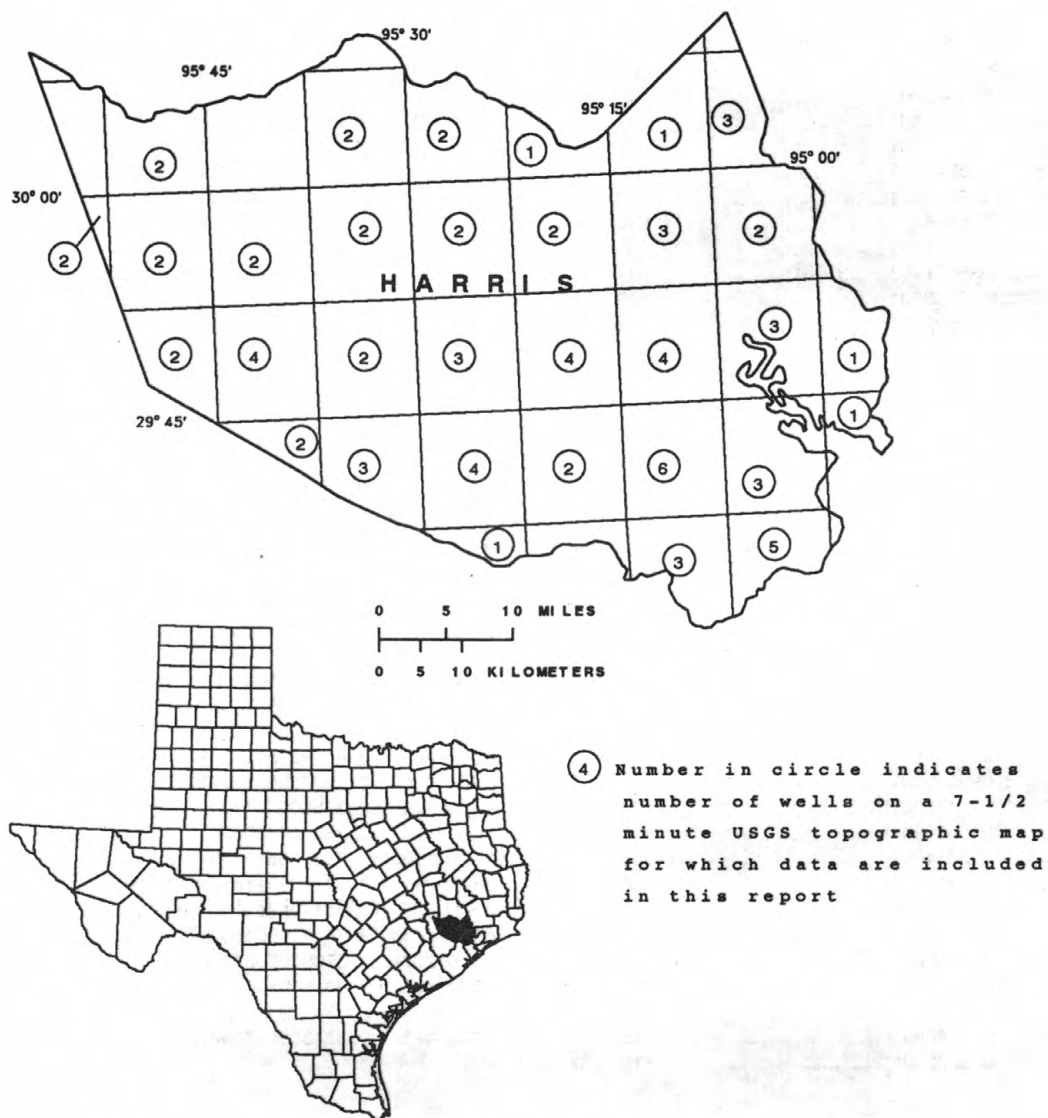


Figure 28.--Harris County map.

## Harris County

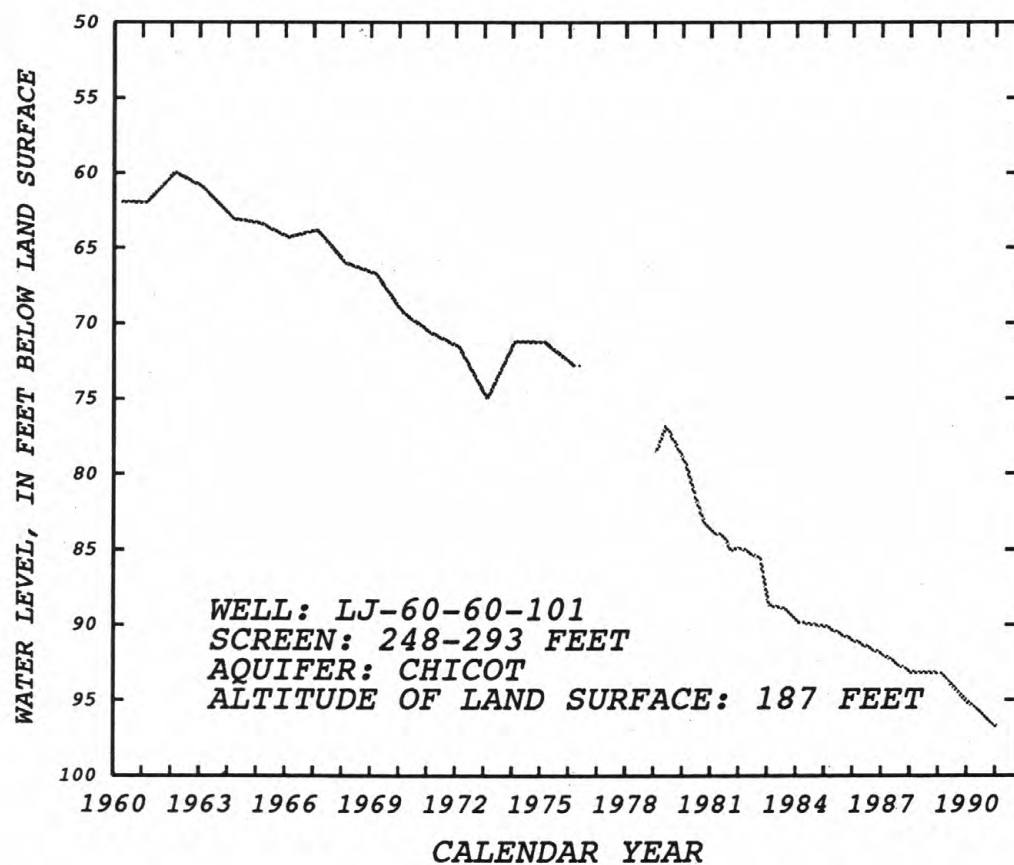


Figure 29.--Hydrograph for well LJ-60-60-101.

## Harris County

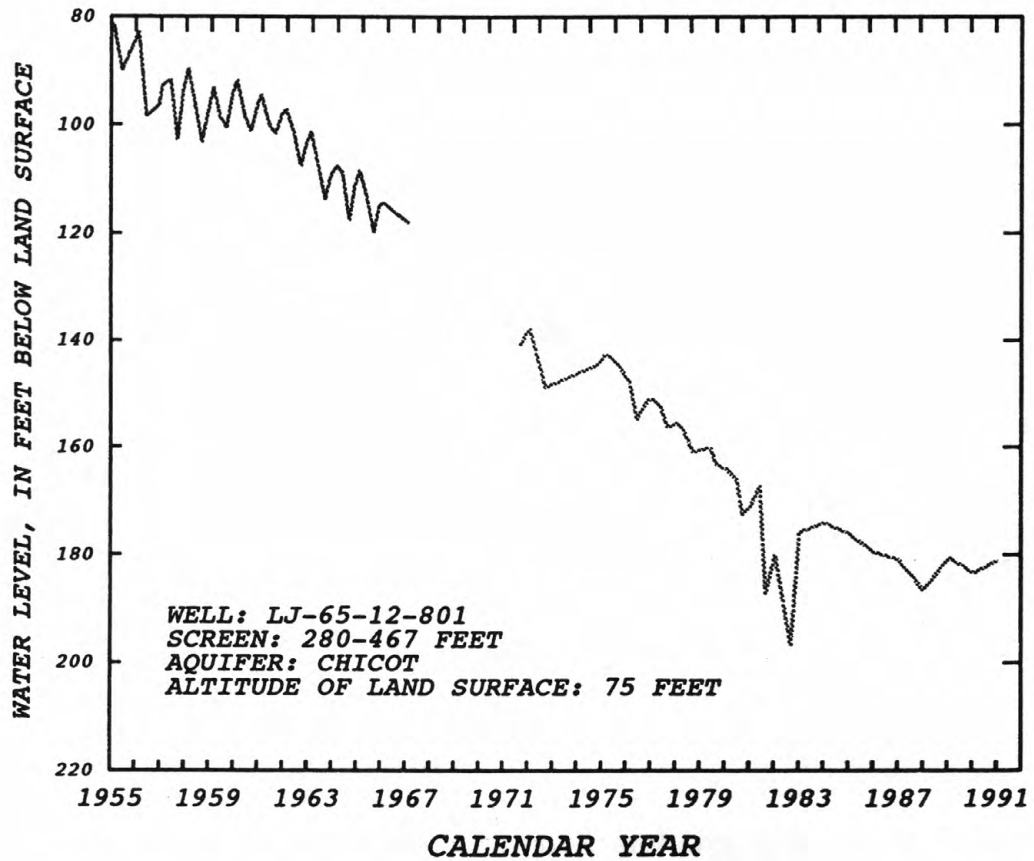


Figure 30.--Hydrograph for well LJ-65-12-801.

## Harris County

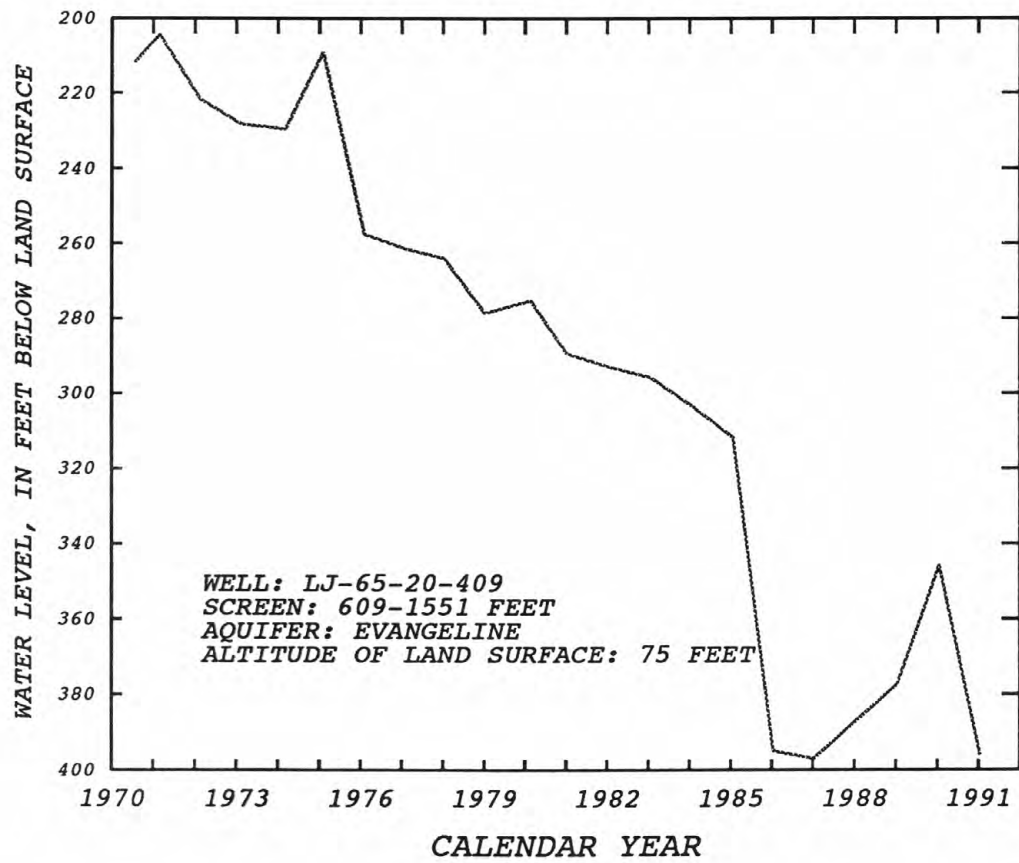


Figure 31.--Hydrograph for well LJ-65-20-409.



## Harris County

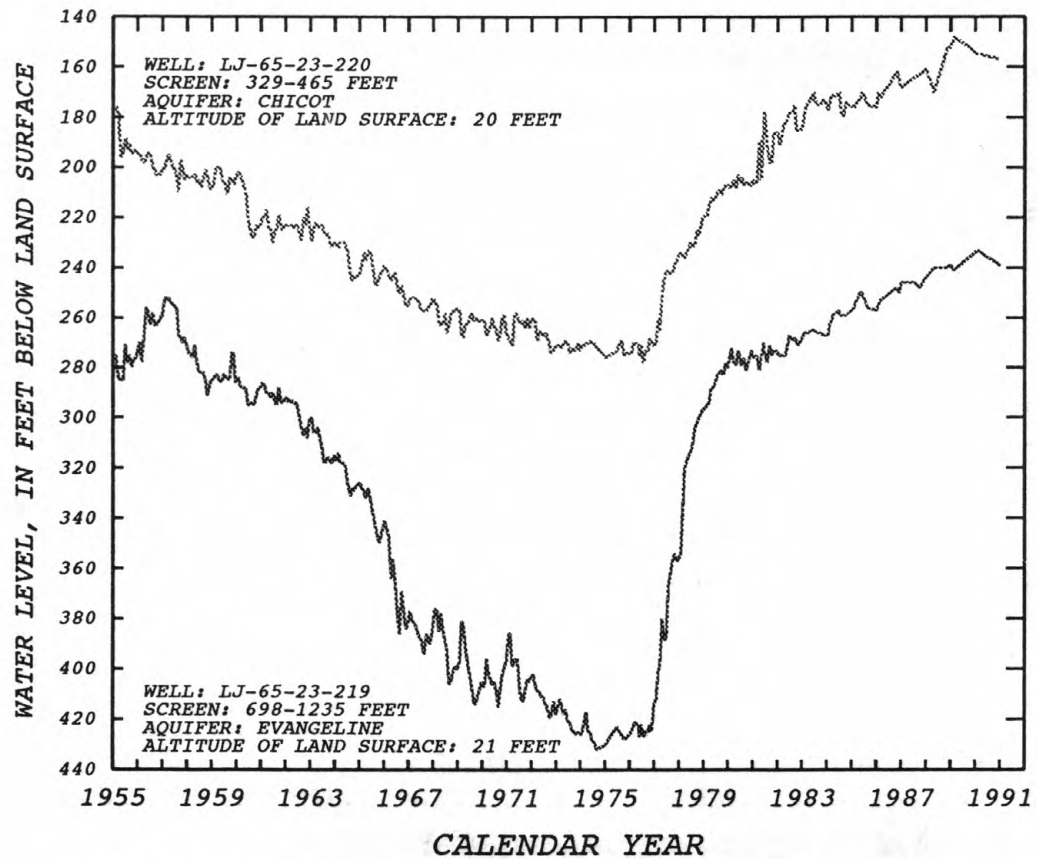


Figure 32.--Hydrograph for well LJ-65-23-219 and LJ-65-23-220.

## Harris County

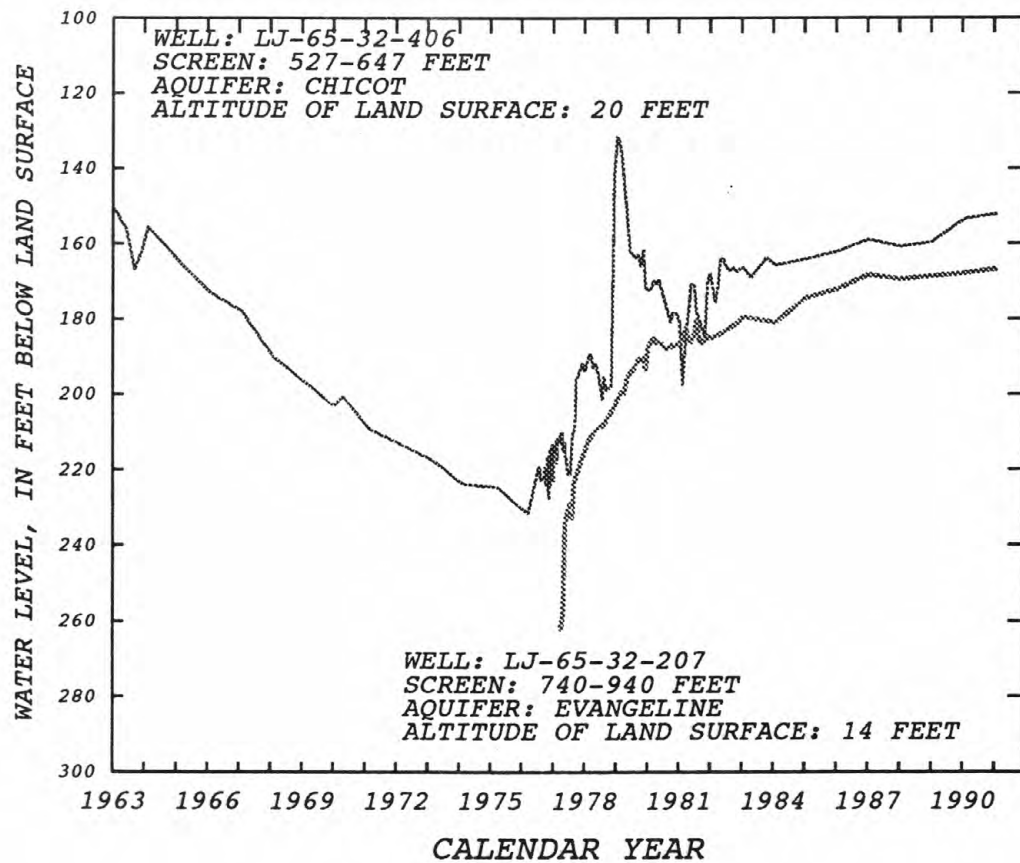


Figure 33.--Hydrograph for well LJ-65-32-207 and LJ-65-32-406.

WATER LEVELS, HARRIS COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 300408095485701  
LOCAL WELL NUMBER: LJ-60-58-501

HEGAR BROTHER IRRIGATION WELL NO. 2 LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF ROBERTS ROAD AND WALLER-TOMBALL ROAD, 3.8 MILES NORTH OF STATE HIGHWAY 290 IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 1,160 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVAL IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 244 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 97.95 S

PERIOD OF RECORD    HIGHEST 90.15 APR 19, 1982    LOWEST 117.13 JUL 27, 1984  
RECORD AVAILABLE FROM OCT 23, 1963 TO JAN 15, 1991    39 ENTRIES

SITE NUMBER: 300146095510401  
LOCAL WELL NUMBER: LJ-60-58-704

S.P. VICTOR DOMESTIC WELL LOCATED ON HIGHWAY 290 AT THE INTERSECTION OF BELL STREET AND STATE HIGHWAY 290 IN HOCKLEY, TEXAS. DEPTH OF WELL 297 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVAL FROM 246 TO 289 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 221 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 78.75 S

PERIOD OF RECORD    HIGHEST 39.07 MAY 05, 1942    LOWEST 123.91 JUN 22, 1971  
RECORD AVAILABLE FROM JUL 1928 TO JAN 15, 1991    209 ENTRIES

SITE NUMBER: 300551095365701  
LOCAL WELL NUMBER: LJ-60-60-101

CITY OF TOMBALL PUBLIC SUPPLY WELL NO. 1 LOCATED 1 BLOCK NORTH OF MAIN AT THE SOUTHEAST CORNER OF SOUTH CHERRY ROAD AND COMMERCE STREET IN TOMBALL, TEXAS. DEPTH OF WELL 303 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVAL FROM 248 TO 293 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 187 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 96.75 S

PERIOD OF RECORD    HIGHEST 59.95 FEB 20, 1962    LOWEST 96.75 JAN 29, 1991  
RECORD AVAILABLE FROM APR 08, 1960 TO JAN 29, 1991    37 ENTRIES

SITE NUMBER: 300551095330401  
LOCAL WELL NUMBER: LJ-60-60-203

DOWDELL PUBLIC UTILITIES DISTRICT PUBLIC SUPPLY WELL LOCATED 3,700 FEET WEST OF THE INTERSECTION OF KUYKENDAHL ROAD AND DOWDELL ROAD NEXT TO WILLOW CREEK IN THE BACK OF WILLOW FOREST SUBDIVISION IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 1,022 FEET. DIAMETER OF UPPER CASING 10.75 INCHES. SCREENED INTERVALS FROM 491 TO 1,021 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 132 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 234.50 S

PERIOD OF RECORD    HIGHEST 186.90 APR 15, 1988    LOWEST 234.50 JAN 29, 1991  
RECORD AVAILABLE FROM APR 15, 1988 TO JAN 29, 1991    3 ENTRIES

SITE NUMBER: 300507095280201  
LOCAL WELL NUMBER: LJ-60-61-101

SHALSA PUBLIC UTILITIES DISTRICT PUBLIC SUPPLY WELL LOCATED AT 22215 MEADOW ROCK IN NORTH FOREST SUBDIVISION IN NORTH HARRIS COUNTY. DEPTH OF WELL 1,000 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 550 TO 985 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 135 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 295.40 S

PERIOD OF RECORD    HIGHEST 141.84 MAY 30, 1974    LOWEST 295.40 JAN 16, 1991  
RECORD AVAILABLE FROM MAY 30, 1974 TO JAN 16, 1991    3 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

103

SITE NUMBER: 300457095245801  
LOCAL WELL NUMBER: LJ-60-61-601

BAYER LUMBER COMPANY UNUSED WELL NO. 1 LOCATED EAST OF ALDINE WESTFIELD ROAD ON BAYER ROAD IN SPRING, TEXAS. DEPTH OF WELL 225 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVALS IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 119 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 64.71 S

PERIOD OF RECORD    HIGHEST 53.37 AUG 29, 1966    LOWEST 64.71 JAN 16, 1991  
RECORD AVAILABLE FROM AUG 29, 1966 TO JAN 16, 1991    7 ENTRIES

SITE NUMBER: 300239095212601  
LOCAL WELL NUMBER: LJ-60-62-401

HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 136, PUBLIC SUPPLY WELL LOCATED AT 23003 BANQUO IN BIRNAMWOOD SUBDIVISION IN NORTH HARRIS COUNTY. DEPTH OF WELL 725 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 460 TO 710 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 85 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 205.60 SR

PERIOD OF RECORD    HIGHEST 105. FEB 23, 1971    LOWEST 205.60 JAN 16, 1991  
RECORD AVAILABLE FROM FEB 23, 1971 TO JAN 16, 1991    2 ENTRIES

SITE NUMBER: 300037095084801  
LOCAL WELL NUMBER: LJ-60-63-901

ATASCOCITA COUNTRY CLUB IRRIGATION WELL LOCATED AT 20114 PINEHURST DRIVE IN ATASCOCITA SHORES SUBDIVISION NEAR LAKE HOUSTON. DEPTH OF WELL 549 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 340 TO 549 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 62 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 22 115.76 S

PERIOD OF RECORD    HIGHEST 81.26 FEB 26, 1963    LOWEST 148.83 FEB 04, 1986  
RECORD AVAILABLE FROM FEB 26, 1963 TO JAN 22, 1991    50 ENTRIES

SITE NUMBER: 300308095071402  
LOCAL WELL NUMBER: LJ-60-64-403

CITY OF HOUSTON DISTRICT 82 PUBLIC SUPPLY WELL NO. 2 LOCATED AT 1340 WESTLAKE. DEPTH OF WELL 503 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVAL FROM 450 TO 500 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 62 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 100.30 S

PERIOD OF RECORD    HIGHEST 66. FEB 1961    LOWEST 119. JAN 09, 1990  
RECORD AVAILABLE FROM FEB 1961 TO JAN 28, 1991    51 ENTRIES

SITE NUMBER: 300120095063601  
LOCAL WELL NUMBER: LJ-60-64-701

CITY OF HOUSTON DISTRICT 73 PUBLIC SUPPLY WELL NO. 1 LOCATED AT 24120 EAST LAKE HOUSTON. DEPTH OF WELL 367 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVAL FROM 327 TO 367 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 70 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 116.33 S

PERIOD OF RECORD    HIGHEST 65. APR 1955    LOWEST 134.35 AUG 29, 1983  
RECORD AVAILABLE FROM APR 1955 TO JAN 28, 1991    26 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 294637094592501  
LOCAL WELL NUMBER: LJ-64-09-703

WILBURN BROTHER UNUSED WELL LOCATED 130 FEET EAST OF UTILITY POLE WHICH IS ON BUSCH ROAD NEXT TO THE WATER CANAL, WHICH IS 1,000 FEET SOUTH OF WHERE BUSCH ROAD INTERSECTS CEDAR BAYOU-LYNCHBURG ROAD IN BAYTOWN, TEXAS. DEPTH OF WELL 515 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 299 TO 509 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 31 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 24 122.18 S

PERIOD OF RECORD      HIGHEST 121.13 JAN 26, 1989      LOWEST 196.61 JAN 25, 1972  
RECORD AVAILABLE FROM JAN 06, 1964 TO JAN 24, 1991      39 ENTRIES

SITE NUMBER: 294459094560301  
LOCAL WELL NUMBER: LJ-64-17-201

CITY OF BAYTOWN PUBLIC SUPPLY WELL NO. 1A, LOCATED AT 2511 CEDAR BAYOU ROAD IN BAYTOWN, TEXAS. DEPTH OF WELL 390 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 300 TO 380 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 22 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 24 103.94 S

PERIOD OF RECORD      HIGHEST 80. JUL 16, 1952      LOWEST 162. MAY 23, 1962  
RECORD AVAILABLE FROM JUL 16, 1952 TO JAN 24, 1991      33 ENTRIES

SITE NUMBER: 295840095525901  
LOCAL WELL NUMBER: LJ-65-01-301

TOM JORDAN IRRIGATION WELL LOCATED 3,500 FEET WEST OF MOUND CREEK AND 4,750 FEET SOUTH OF THE POINT WHERE MOUND ROAD CHANGES DIRECTION FROM EAST-WEST TO NORTH-SOUTH IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 680 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 80 TO 680 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 216 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 42.45 S

PERIOD OF RECORD      HIGHEST 38.85 JAN 08, 1988      LOWEST 70.27 NOV 12, 1948  
RECORD AVAILABLE FROM MAR 26, 1947 TO JAN 15, 1991      59 ENTRIES

SITE NUMBER: 295831095530801  
LOCAL WELL NUMBER: LJ-65-01-302

TOM JORDAN IRRIGATION WELL LOCATED 1.15 MILES SOUTH OF WHERE MOUND ROAD CHANGES DIRECTION FROM EAST-WEST TO NORTH-SOUTH AND 2,000 FEET EAST OF MOUND CREEK IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 1,007 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 400 TO 1,007 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 220 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 125.36 S

PERIOD OF RECORD      HIGHEST 70.87 MAR 10, 1949      LOWEST 147.18 FEB 07, 1989  
RECORD AVAILABLE FROM MAR 10, 1949 TO JAN 15, 1991      61 ENTRIES

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295821095481901  
LOCAL WELL NUMBER: LJ-65-02-208

H.J. LONGENBAUGH IRRIGATION WELL LOCATED ON ACCESS ROAD THAT INTERSECTS KATY-HOCKLEY ROAD 1,500 FEET NORTH OF WHERE JACK ROAD INTERSECTS KATY-HOCKLEY ROAD IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 895 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 631 TO 895 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 173 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 100.07 S

PERIOD OF RECORD HIGHEST 89.97 MAR 23, 1984 LOWEST 154. AUG 06, 1969  
RECORD AVAILABLE FROM AUG 06, 1969 TO JAN 15, 1991 44 ENTRIES

SITE NUMBER: 295505095462201  
LOCAL WELL NUMBER: LJ-65-02-612

F.L. RODGER IRRIGATION WELL LOCATED 2.1 MILES EAST OF KATY HOCKLEY ROAD AND 1 MILE NORTH OF SHARP ROAD IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 565 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 155 TO 565 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 156 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 118.76 S

PERIOD OF RECORD HIGHEST 88.42 MAR 21, 1969 LOWEST 125.44 OCT 27, 1982  
RECORD AVAILABLE FROM MAR 21, 1969 TO JAN 15, 1991 30 ENTRIES

SITE NUMBER: 295842095430201  
LOCAL WELL NUMBER: LJ-65-03-101

H AND TC RAILROAD UNUSED WELL LOCATED ON THE SOUTH SIDE OF STATE HIGHWAY 290 AND MUESCHKE ROAD, 1.4 MILES NORTHWEST OF CYPRESS, TEXAS. DEPTH OF WELL 120 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVAL FROM 109 TO 120 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 152 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS
OCT 26	72.98 S	FEB 08	72.18 S	JUL 09	72.16 S
DEC 04	72.78 S	MAY 13	71.70 S	SEP 03	72.85 S
WATER YEAR 1991	HIGHEST 71.70 MAY 13, 1991	LOWEST 72.98	OCT 26, 1990		
PERIOD OF RECORD	HIGHEST 36.03 FEB 17, 1956	LOWEST 73.49	AUG 01, 1990		
	RECORD AVAILABLE FROM JAN 24, 1919 TO SEP 03, 1991			327 ENTRIES	

SITE NUMBER: 295558095442301  
LOCAL WELL NUMBER: LJ-65-03-405

JOSEY RANCHE IRRIGATION WELL LOCATED 3.7 MILES NORTH OF INTERSECTION OF WESTGREEN BOULEVARD AND FARM ROAD 529 IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 1,160 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 324 TO 1,145 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 155 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 199.10 S

PERIOD OF RECORD HIGHEST 99.10 MAR 13, 1969 LOWEST 199.10 JAN 15, 1991  
RECORD AVAILABLE FROM FEB 22, 1968 TO JAN 15, 1991 28 ENTRIES

SITE NUMBER: 295719095371701  
LOCAL WELL NUMBER: LJ-65-04-415

TIMBERLAKE IMPROVEMENT DISTRICT PUBLIC SUPPLY WELL LOCATED AT 13002 OLD HICKORY DRIVE IN NORTHWEST HARRIS COUNTY. DEPTH OF WELL 900 FEET. DIAMETER OF UPPER CASING 12 INCHES. SCREENED INTERVALS FROM 456 TO 880 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 137 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 23 268.24 S

PERIOD OF RECORD HIGHEST 133.89 MAR 07, 1973 LOWEST 268.24 JAN 23, 1991  
RECORD AVAILABLE FROM MAR 07, 1973 TO JAN 23, 1991 18 ENTRIES



WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295258095354201  
LOCAL WELL NUMBER: LJ-65-04-719

CITY OF HOUSTON JERSEY VILLAGE PUBLIC SUPPLY WELL NO. 1 LOCATED AT 7207 FAIRVIEW. DEPTH OF WELL 1,480 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 560 TO 1,472 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 120 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 09 377. A

PERIOD OF RECORD    HIGHEST 240.85 MAY 29, 1979    LOWEST 457.17 JAN 16, 1990  
RECORD AVAILABLE FROM FEB 16, 1979 TO JAN 09, 1991    27 ENTRIES

SITE NUMBER: 295758095251701  
LOCAL WELL NUMBER: LJ-65-05-216

CITY OF HOUSTON NORTHBOROUGH PUBLIC SUPPLY WELL NO. 2 LOCATED AT 12301 KUYKENDAHL ROAD. DEPTH OF WELL 1,335 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 625 TO 1,315 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 96 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 285. A

PERIOD OF RECORD    HIGHEST 232. APR 1979    LOWEST 312. JAN 11, 1990  
RECORD AVAILABLE FROM APR 1979 TO JAN 28, 1991    6 ENTRIES

SITE NUMBER: 295522095291902  
LOCAL WELL NUMBER: LJ-65-05-404

NORTHWEST HARRIS COUNTY MUNICIPAL UTILITIES DISTRICT NO. 1, PUBLIC SUPPLY WELL LOCATED AT 6819 DEER RIDGE LANE. DEPTH OF WELL 456 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVALS FROM 331 TO 451 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 107 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 23 210.27 S

PERIOD OF RECORD    HIGHEST 165. MAR 1978    LOWEST 210.27 JAN 23, 1991  
RECORD AVAILABLE FROM MAR 1978 TO JAN 23, 1991    5 ENTRIES

SITE NUMBER: 295850095201301  
LOCAL WELL NUMBER: LJ-65-06-103

CITY OF HOUSTON INTERCONTINENTAL AIRPORT PUBLIC SUPPLY WELL NO. 2 LOCATED AT 18300 JOHN F. KENNEDY BOULEVARD. DEPTH OF WELL 1,545 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 660 TO 1,535 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 92 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 287. A

PERIOD OF RECORD    HIGHEST 143.25 JUN 23, 1966    LOWEST 328. JAN 11, 1990  
RECORD AVAILABLE FROM JAN 05, 1966 TO JAN 28, 1991    50 ENTRIES

SITE NUMBER: 295616095195802  
LOCAL WELL NUMBER: LJ-65-06-526

HYDRIL COMPANY INDUSTRIAL WELL LOCATED AT 3300 BELTWAY 8 IN NORTHEAST HARRIS COUNTY. DEPTH OF WELL 500 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVALS FROM 266 TO 421 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 81 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 23 146. AR

PERIOD OF RECORD    HIGHEST 143. AUG 09, 1979 FEB 12, 1988    LOWEST 172. SEP 1976  
RECORD AVAILABLE FROM SEP 1976 TO JAN 23, 1991    17 ENTRIES



## WATER LEVELS, HARRIS COUNTY--Continued

107

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295449095083401  
LOCAL WELL NUMBER: LJ-65-07-902

CITY OF HOUSTON ABANDONED WELL LOCATED 100 FEET SOUTH AND 200 FEET EAST OF THE CITY OF HOUSTON SURFACE-WATER PUMPING STATION BUILDING LOCATED AT 13105 AQUEDUCT ROAD. DEPTH OF WELL 196 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 176 TO 196 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 55 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 11	102.10 S	JAN 03	101.20 S	MAR 28	100.12 S	JUN 25	99.97 S	SEP 13	99.78 ST
NOV 07	101.72 S	31	100.94 S	APR 25	100.22 S	JUL 18	100.04 S		
DEC 06	101.77 S	FEB 28	100.85 S	MAY 23	100.19 S	AUG 15	100.76 S		

WATER YEAR 1991 HIGHEST 99.78 SEP 13, 1991 LOWEST 102.10 OCT 11, 1990  
PERIOD OF RECORD HIGHEST 75.29 MAY 01, 1954 AUG 05, 1954 LOWEST 110.01 SEP 24, 1976 JAN 25, 1979  
RECORD AVAILABLE FROM FEB 13, 1954 TO SEP 13, 1991 366 ENTRIES

SITE NUMBER: 295449095084101  
LOCAL WELL NUMBER: LJ-65-07-905

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT OBSERVATION WELL AT LAKE HOUSTON LOCATED AT 13501 AQUEDUCT ROAD. DEPTH OF WELL 2,592 FEET. DIAMETER OF UPPER CASING 4.5 INCHES. SCREENED INTERVAL FROM 2,548 TO 2,568 FEET IN THE UPPER JASPER AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 55 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND SURFACE INDICATED BY "+")

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 11	+64.05 S	JAN 31	+65.66 SR	APR 25	+62.20 S	JUL 18	+64.51 S
NOV 07	+65.90 S	FEB 28	+63.82 S	MAY 23	+65.64 S	AUG 15	+62.20 S
DEC 06	+65.66 S	MAR 28	+63.36 S	JUN 25	+65.64 S	SEP 13	+65.64 HT

WATER YEAR 1991 HIGHEST +65.90 NOV 07, 1990 LOWEST +62.20 APR 25, 1991 AUG 15, 1991  
PERIOD OF RECORD HIGHEST +82.3 DEC 06, 1979 DEC 10, 1979 LOWEST +47.18 JUL 20, 1989  
RECORD AVAILABLE FROM NOV 29, 1979 TO SEP 13, 1991 139 ENTRIES

SITE NUMBER: 295449095084104  
LOCAL WELL NUMBER: LJ-65-07-908

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT LAKE HOUSTON WELL NO. 4 LOCATED ON AQUEDUCT ROAD NEXT TO 13501 AQUEDUCT ROAD. DEPTH OF WELL 1,048 FEET. DIAMETER OF UPPER CASING 4.5 INCHES. SCREENED INTERVAL FROM 1,033 TO 1,043 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 55 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 11	218.77 S	JAN 03	214.85 S	FEB 28	213.78 S	MAY 23	210.48 S	AUG 15	203.93 S
NOV 07	217.14 S	25	214.28 S	MAR 28	212.10 S	JUN 25	206.19 S	SEP 13	202.76 ST
DEC 05	215.63 S	31	214.57 S	APR 25	212.14 S	JUL 18	206.99 S		

WATER YEAR 1991 HIGHEST 202.76 SEP 13, 1991 LOWEST 218.77 OCT 11, 1990  
PERIOD OF RECORD HIGHEST 197.67 JAN 02, 1985 LOWEST 218.77 OCT 11, 1990  
RECORD AVAILABLE FROM JAN 21, 1980 TO SEP 13, 1991 190 ENTRIES

SITE NUMBER: 295817095065501  
LOCAL WELL NUMBER: LJ-65-08-103

HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 58, PUBLIC SUPPLY WELL LOCATED AT 20423 NIGHT BIRD TRAIL IN INDIAN SHORES SUBDIVISION NEAR LAKE HOUSTON. DEPTH OF WELL 555 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVALS FROM 430 TO 540 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 68 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	
JAN 22	108. A

PERIOD OF RECORD HIGHEST 108. JAN 22, 1991 LOWEST 147.13 FEB 08, 1985  
RECORD AVAILABLE FROM NOV 06, 1964 TO JAN 22, 1991 9 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295259095065401  
LOCAL WELL NUMBER: LJ-65-08-708

CHAMPION PAPER INDUSTRIAL WELL LOCATED ON THEIR MILL SITE AT 11611 5TH STREET IN SHELDON, TEXAS. DEPTH OF WELL 1,560 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 885 TO 1,542 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 49 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 06 192.65 S

PERIOD OF RECORD      HIGHEST 192.65 FEB 06, 1991      LOWEST 320.      JUL 19, 1978 AUG 18, 1978  
RECORD AVAILABLE FROM OCT 1973 TO FEB 06, 1991      85 ENTRIES

SITE NUMBER: 294808095485401  
LOCAL WELL NUMBER: LJ-65-10-516

CITY OF KATY PUBLIC SUPPLY WELL NO. 4 LOCATED AT 5450 FRANZ ROAD IN KATY, TEXAS. DEPTH OF WELL 710 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 450 TO 710 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 145 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 197.80 S

PERIOD OF RECORD      HIGHEST 155.70 FEB 08, 1979      LOWEST 230.69 JUL 31, 1984  
RECORD AVAILABLE FROM AUG 1972 TO JAN 28, 1991      45 ENTRIES

SITE NUMBER: 294548095461901  
LOCAL WELL NUMBER: LJ-65-10-904

CINCO RANCH IRRIGATION WELL NO. 1 LOCATED 2.6 MILES SOUTH ON KATY-FORT BEND ROAD AT LEFT FORK. DEPTH OF WELL 400 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 125 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 130.16 S

PERIOD OF RECORD      HIGHEST 42.40 MAR 24, 1944      LOWEST 139.13 JAN 09, 1985  
RECORD AVAILABLE FROM MAR 24, 1944 TO JAN 17, 1991      75 ENTRIES

SITE NUMBER: 295216095434001  
LOCAL WELL NUMBER: LJ-65-11-108

HARRIS COUNTY MUNICIPAL DISTRICT NO. 105, PUBLIC SUPPLY WELL LOCATED AT 6540 LIBERTY VALLEY DRIVE IN SETTLERS VILLAGE SUBDIVISION IN WESTERN HARRIS COUNTY. DEPTH OF WELL 870 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 570 TO 853 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 141 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 28 229.00 S

PERIOD OF RECORD      HIGHEST 141.      JUL 05, 1977      LOWEST 260.87 SEP 02, 1982  
RECORD AVAILABLE FROM JUL 05, 1977 TO JAN 28, 1991      21 ENTRIES

SITE NUMBER: 294948095441001  
LOCAL WELL NUMBER: LJ-65-11-405

A.J. JORDAN IRRIGATION WELL LOCATED 200 FEET SOUTH OF CLAY ROAD BY ON AN UNIMPROVED ACCESS ROAD WHICH INTERSECTS CLAY ROAD 1 MILE WEST OF THE INTERSECTION OF FRY ROAD AND CLAY ROAD IN WESTERN HARRIS COUNTY. DEPTH OF WELL 359 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 60 TO 356 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 138 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 122.48 S

PERIOD OF RECORD      HIGHEST 35.85 MAR 17, 1933      LOWEST 139.36 NOV 02, 1981  
RECORD AVAILABLE FROM MAR 17, 1933 TO JAN 17, 1991      81 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

109

SITE NUMBER: 294717095401001  
LOCAL WELL NUMBER: LJ-65-11-804

PARK TEN MUNICIPAL UTILITIES DISTRICT WELL LOCATED AT 1300 LANGHAM CREEK DRIVE IN PARK TEN BUSINESS PARK, WEST HARRIS COUNTY. DEPTH OF WELL 1,641 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 610 TO 1,626 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 101 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 310.11 S

PERIOD OF RECORD    HIGHEST 264.90 FEB 29, 1980    LOWEST 310.11 JAN 17, 1991  
RECORD AVAILABLE FROM FEB 29, 1980 TO JAN 17, 1991    36 ENTRIES

SITE NUMBER: 294518095393401  
LOCAL WELL NUMBER: LJ-65-11-901

EARL MILES UNUSED WELL LOCATED IN BARKERS RESERVOIR, 4,925 FEET DOWN ACCESS ROAD THAT INTERSECTS HIGHWAY 6 NEAR BRIAR FOREST DRIVE. DEPTH OF WELL 583 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 100 TO 583 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 93 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 31 152.69 S

PERIOD OF RECORD    HIGHEST 52.34 JUN 15, 1950    LOWEST 156.62 FEB 09, 1988  
RECORD AVAILABLE FROM JUN 15, 1950 TO JAN 31, 1991    42 ENTRIES

SITE NUMBER: 294707095372201  
LOCAL WELL NUMBER: LJ-65-12-723

CITY OF HOUSTON KATY-ADDICKS WELL NO. 5 LOCATED AT 13500 OLD KATY ROAD. DEPTH OF WELL 1,670 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 598 TO 1,670 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 90 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 325.    A

PERIOD OF RECORD    HIGHEST 174.72 JAN 08, 1971    LOWEST 328.96 JAN 21, 1986  
RECORD AVAILABLE FROM JAN 08, 1971 TO JAN 08, 1991    24 ENTRIES

SITE NUMBER: 294538095344601  
LOCAL WELL NUMBER: LJ-65-12-801

LAKE SIDE COUNTRY CLUB WELL LOCATED AT 100 WILCREST DRIVE. DEPTH OF WELL 467 FEET. DIAMETER OF UPPER CASING 10 INCHES. SCREENED INTERVALS FROM 280 TO 467 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 75 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 181.06 S

PERIOD OF RECORD    HIGHEST 63.22 APR 29, 1952    LOWEST 196.90 SEP 09, 1982  
RECORD AVAILABLE FROM APR 29, 1952 TO JAN 17, 1991    86 ENTRIES

SITE NUMBER: 295130095241203  
LOCAL WELL NUMBER: LJ-65-13-323

CITY OF HOUSTON HEIGHTS PUBLIC SUPPLY WELL NO. 155B LOCATED AT 64015 YALE. DEPTH OF WELL 650 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 330 TO 634 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 78 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 23 358.    A

PERIOD OF RECORD    HIGHEST 358. JAN 23, 1991    LOWEST 398. JAN 11, 1990  
RECORD AVAILABLE FROM JAN 11, 1990 TO JAN 23, 1991    2 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 294931095240801  
LOCAL WELL NUMBER: LJ-65-13-601

CITY OF HOUSTON HEIGHTS PUBLIC SUPPLY WELL NO. 10 LOCATED AT 4219 TULANE. DEPTH OF WELL 1,880 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 600 TO 1,860 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 73 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 25 358.43 S

PERIOD OF RECORD    HIGHEST    342.    JAN 07, 1988    LOWEST    424.    JAN 11, 1990  
RECORD AVAILABLE FROM JAN 19, 1982 TO JAN 25, 1991    10 ENTRIES

SITE NUMBER: 294541095232901  
LOCAL WELL NUMBER: LJ-65-13-944

CITY OF HOUSTON CENTRAL PLANT PUBLIC SUPPLY WELL NO. 22 LOCATED AT 2320 ALLEN PARKWAY. DEPTH OF WELL 1,644 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 700 TO 1,630 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 32 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 07 338.90 S

PERIOD OF RECORD    HIGHEST    286.44    MAR 17, 1966    LOWEST    415.37    JAN 21, 1982  
RECORD AVAILABLE FROM MAR 17, 1966 TO JAN 07, 1991    29 ENTRIES

SITE NUMBER: 295116095200401  
LOCAL WELL NUMBER: LJ-65-14-101

CITY OF HOUSTON NORTHEAST PUBLIC SUPPLY WELL NO. 11 LOCATED AT 3420 HITCHCOCK. DEPTH OF WELL 1,986 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 711 TO 1,965 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 63 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 341.80 SR

PERIOD OF RECORD    HIGHEST    125.15    MAY 23, 1950    LOWEST    432.    JAN 30, 1979  
RECORD AVAILABLE FROM MAY 23, 1950 TO JAN 29, 1991    44 ENTRIES

SITE NUMBER: 294932095200601  
LOCAL WELL NUMBER: LJ-65-14-402

CITY OF HOUSTON NORTHEAST PUBLIC SUPPLY WELL NO. 7 LOCATED AT 3300 RINER. DEPTH OF WELL 1,901 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 1,001 TO 1,880 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 61 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 300.09 S

PERIOD OF RECORD    HIGHEST    141.72    DEC 09, 1949    LOWEST    462.    JAN 23, 1978  
RECORD AVAILABLE FROM DEC 09, 1949 TO JAN 29, 1991    46 ENTRIES

SITE NUMBER: 294901095221001  
LOCAL WELL NUMBER: LJ-65-14-409

U.S. GEOLOGICAL SURVEY OBSERVATION WELL NO. 4 LOCATED ON 121 KING. DEPTH OF WELL 1,152 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 732 TO 1,140 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 66 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

WATER  
LEVEL MS

WATER  
LEVEL MS

WATER  
LEVEL MS

OCT 23 310.55 S	JAN 25 307.72 S	APR 23 303.51 S	JUL 24 301.09 S
NOV 19 313.83 S	FEB 25 306.41 S	MAY 21 302.76 S	AUG 21 300.74 S
DEC 17 311.89 S	MAR 25 305.24 S	JUN 25 301.79 S	SEP 24 299.39 S

WATER YEAR 1991    HIGHEST    299.39    SEP 24, 1991    LOWEST    313.83    NOV 19, 1990  
PERIOD OF RECORD    HIGHEST    135.5    JUN . 1947    LOWEST    335.31    DEC 01, 1982  
RECORD AVAILABLE FROM JUN 1947 TO SEP 24, 1991    355 ENTRIES

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 294728095200105  
LOCAL WELL NUMBER: LJ-65-14-745

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT OBSERVATION WELL LOCATED AT THE CITY OF HOUSTON NORTHEAST SITE ON LINN. DEPTH OF WELL 298 FEET. DIAMETER OF UPPER CASING 4.5 INCHES. SCREENED INTERVALS FROM 283 TO 293 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 49 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 11	164.19 S	JAN 03	164.70 S	MAR 27	164.52 S	JUN 24	164.28 S	SEP 13	160.57 ST
NOV 07	164.61 S	31	164.69 S	APR 25	164.34 S	JUL 18	164.13 S		
DEC 06	165.13 S	FEB 01	164.56 S	MAY 23	164.26 S	AUG 15	164.36 S		

WATER YEAR 1991 HIGHEST 160.57 SEP 13, 1991 LOWEST 165.13 DEC 06, 1990  
PERIOD OF RECORD HIGHEST 160.57 SEP 13, 1991 LOWEST 167.83 FEB 01, 1983  
RECORD AVAILABLE FROM FEB 27, 1980 TO SEP 13, 1991 150 ENTRIES

SITE NUMBER: 294803095105701  
LOCAL WELL NUMBER: LJ-65-15-507

HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 51, PUBLIC SUPPLY WELL LOCATED AT 100 UVALDE ROAD IN EAST HARRIS COUNTY. DEPTH OF WELL 1,160 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 784 TO 1,145 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 34 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS

JAN 28 272.02 S

PERIOD OF RECORD HIGHEST 269.20 FEB 02, 1989 LOWEST 351.56 FEB 26, 1976  
RECORD AVAILABLE FROM AUG 08, 1968 TO JAN 28, 1991 42 ENTRIES

SITE NUMBER: 294642095114901  
LOCAL WELL NUMBER: LJ-65-15-802

CITY OF HOUSTON DISTRICT 32 PUBLIC SUPPLY WELL NO. 2 LOCATED AT 913 ROSEWICK. DEPTH OF WELL 852 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 583 TO 840 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 32 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS

JAN 30 233.48 SR

PERIOD OF RECORD HIGHEST 230. AUG 1951 LOWEST 355.90 AUG 10, 1976  
RECORD AVAILABLE FROM AUG 1951 TO JAN 09, 1991 93 ENTRIES

SITE NUMBER: 294602095092401  
LOCAL WELL NUMBER: LJ-65-15-915

U.S. GEOLOGICAL SURVEY OBSERVATION WELL LOCATED AT 3100 PENN CITY ROAD IN EAST HARRIS COUNTY. DEPTH OF WELL 14 FEET. DIAMETER OF UPPER CASING 2 INCHES. SCREENED INTERVAL FROM 8 TO 14 FEET IN THE UPPER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 27 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS

JAN 28 10.18 S

PERIOD OF RECORD HIGHEST 3.90 DEC 28, 1976 LOWEST 11.26 JAN 18, 1990  
RECORD AVAILABLE FROM MAY 02, 1974 TO JAN 28, 1991 279 ENTRIES

SITE NUMBER: 294602095092403  
LOCAL WELL NUMBER: LJ-65-15-917

U.S. GEOLOGICAL SURVEY OBSERVATION WELL LOCATED AT 3100 PENN CITY ROAD IN EAST HARRIS COUNTY. DEPTH OF WELL 210 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 200 TO 210 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 27 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS

JAN 28 150.71 S

PERIOD OF RECORD HIGHEST 150.71 JAN 28, 1991 LOWEST 190.69 JUN 15, 1982  
RECORD AVAILABLE FROM JUN 15, 1982 TO JAN 28, 1991 19 ENTRIES



WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295226095071801  
LOCAL WELL NUMBER: LJ-65-16-110

CHAMPION PAPER INDUSTRIAL WELL LOCATED ON THEIR MILL SITE AT 11611 5TH STREET IN SHELDON, TEXAS. DEPTH OF WELL 1,625 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 806 TO 1,610 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 48 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 06 242 R

PERIOD OF RECORD    HIGHEST 195.    JUN 16, 1980    LOWEST 334.5    OCT 17, 1978  
RECORD AVAILABLE FROM FEB 07, 1969 TO FEB 06, 1991    103 ENTRIES

SITE NUMBER: 294849095034701  
LOCAL WELL NUMBER: LJ-65-16-502

HARRIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1, PUBLIC SUPPLY WELL NO. 1 LOCATED AT 202 SOUTH 5TH STREET IN HIGHLANDS, TEXAS. DEPTH OF WELL 482 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 429 TO 471 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 38 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 23 136.96 S

PERIOD OF RECORD    HIGHEST 136.96    JAN 23, 1991    LOWEST 182.14    NOV 06, 1980  
RECORD AVAILABLE FROM NOV 06, 1980 TO JAN 23, 1991    12 ENTRIES

SITE NUMBER: 294527095014901  
LOCAL WELL NUMBER: LJ-65-16-904

CITY OF BAYTOWN PUBLIC SUPPLY WELL LOCATED AT 300 BARNES ROAD IN BAYTOWN, TEXAS. DEPTH OF WELL 512 FEET. DIAMETER OF UPPER CASING 12.75 INCHES. SCREENED INTERVALS FROM 418 TO 500 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 22 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

WATER  
LEVEL MS

WATER  
LEVEL MS

WATER  
LEVEL MS

WATER  
LEVEL MS

OCT 11 141.09 S	JAN 03 139.39 S	MAR 27 142.24 S	JUN 24 134.30 S	SEP 11 132.8 S
NOV 07 140.35 S	31 140.26 S	APR 25 138.16 S	JUL 18 133.39 S	
DEC 07 139.91 S	FEB 28 142.37 S	MAY 24 138.26 S	AUG 16 147.00 S	

WATER YEAR 1991    HIGHEST 132.8    SEP 11, 1991    LOWEST 147.00    AUG 16, 1991  
PERIOD OF RECORD    HIGHEST 132.8    OCT 10, 1991    LOWEST 290.04    DEC 19, 1972  
RECORD AVAILABLE FROM SEP 10, 1952 TO SEP 11, 1991    233 ENTRIES

SITE NUMBER: 294302095411801  
LOCAL WELL NUMBER: LJ-65-19-201

O.B. WILLIAM UNUSED WELL LOCATED AT BARKER CLODINE ROAD IN BARKERS RESERVOIR, 3,000 FEET NORTH OF FARM TO MARKET ROAD 1093. DEPTH OF WELL 640 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 115 TO 535 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 93 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 11 123.60 S

PERIOD OF RECORD    HIGHEST 54.58    JUN 15, 1950    LOWEST 123.60    JAN 11, 1991  
RECORD AVAILABLE FROM JUN 15, 1950 TO JAN 11, 1991    43 ENTRIES

SITE NUMBER: 294428095384501  
LOCAL WELL NUMBER: LJ-65-19-320

CITY OF HOUSTON WEST HOUSTON PUBLIC SUPPLY WELL NO. 2 LOCATED 1,200 FEET WEST OF STATE HIGHWAY 6 AND 3,000 FEET NORTH OF FARM TO MARKET ROAD 1093. DEPTH OF WELL 1,314 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 660 TO 1,294 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 90 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 268. A

PERIOD OF RECORD    HIGHEST 259.88    JAN 07, 1990    LOWEST 309.8    JAN 31, 1989  
RECORD AVAILABLE FROM JAN 31, 1989 TO JAN 08, 1991    3 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

113

SITE NUMBER: 294237095351901  
LOCAL WELL NUMBER: LJ-65-20-118

CITY OF HOUSTON DISTRICT 78 PUBLIC SUPPLY WELL NO. 1 LOCATED AT 12009 MOONMIST. DEPTH OF WELL 730 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 448 TO 722 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 77 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 14 236. A

PERIOD OF RECORD    HIGHEST    223    JAN 14, 1988    LOWEST    236    JAN 14, 1991  
RECORD AVAILABLE FROM JAN 14, 1988 TO JAN 14, 1991    4 ENTRIES

SITE NUMBER: 294144095351001  
LOCAL WELL NUMBER: LJ-65-20-409

CITY OF HOUSTON BELLAIRE BRAES PUBLIC SUPPLY WELL NO. 3 LOCATED AT 11818 CORONA. DEPTH OF WELL 1,565 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 609 TO 1,551 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 75 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 14 396. A

PERIOD OF RECORD    HIGHEST    204.36    FEB 25, 1971    LOWEST    397    JAN 08, 1987  
RECORD AVAILABLE FROM JUL 24, 1970 TO JAN 14, 1991    23 ENTRIES

SITE NUMBER: 293732095300601  
LOCAL WELL NUMBER: LJ-65-20-911

CITY OF HOUSTON SIMS BAYOU PUBLIC SUPPLY WELL NO. 4 LOCATED AT 12445 HODGES. DEPTH OF WELL 1,200 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 645 TO 1,188 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 70 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 326. A

PERIOD OF RECORD    HIGHEST    233.66    FEB 04, 1975    LOWEST    326.    JAN 08, 1991  
RECORD AVAILABLE FROM 1958 TO JAN 08, 1991    19 ENTRIES

SITE NUMBER: 294338095270401  
LOCAL WELL NUMBER: LJ-65-21-201

CITY OF HOUSTON SOUTHWEST PUBLIC SUPPLY WELL NO. 9 LOCATED AT 4410 WESTPARK. DEPTH OF WELL 1,051 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 554 TO 1,031 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 63 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 316.17 S

PERIOD OF RECORD    HIGHEST    172.06    MAR 09, 1955    LOWEST    329.52    JAN 08, 1982  
RECORD AVAILABLE FROM SEP 10, 1953 TO JAN 15, 1991    44 ENTRIES

SITE NUMBER: 294320095231901  
LOCAL WELL NUMBER: LJ-65-21-304

CITY OF HOUSTON SOUTHEAST NO. 10 PUBLIC SUPPLY WELL LOCATED AT 1400 HERMAN DRIVE. DEPTH OF WELL 2,190 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 795 TO 2,170 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 50 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 07 345. A

PERIOD OF RECORD    HIGHEST    224.99    MAR 02, 1959    LOWEST    397.01    JAN 10, 1979  
RECORD AVAILABLE FROM MAR 04, 1958 TO JAN 07, 1991    28 ENTRIES



WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 294002095272301  
LOCAL WELL NUMBER: LJ-65-21-505

CITY OF HOUSTON WILLOW BEND PUBLIC SUPPLY WELL NO. 1 LOCATED AT 10500 CLIFFWOOD. DEPTH OF WELL 822 FEET. DIAMETER OF UPPER CASING 12.75 INCHES. SCREENED INTERVALS FROM 558 TO 809 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 60 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 262. A

PERIOD OF RECORD      HIGHEST 130. JUN 1953      LOWEST 274. JAN 22, 1986  
RECORD AVAILABLE FROM JUN 1953 TO JAN 17, 1991      7 ENTRIES

SITE NUMBER: 293942095283101  
LOCAL WELL NUMBER: LJ-65-21-701

CITY OF HOUSTON WESTBURY PUBLIC SUPPLY WELL NO. 1 LOCATED AT 10902 MOONLIGHT. DEPTH OF WELL 1,735 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 1,070 TO 1,715 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 63 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 361. A

PERIOD OF RECORD      HIGHEST 164.39 MAR 08, 1956      LOWEST 429. JAN 12, 1979  
RECORD AVAILABLE FROM MAY 26, 1955 TO JAN 16, 1991      34 ENTRIES

SITE NUMBER: 294334095210101  
LOCAL WELL NUMBER: LJ-65-22-103

CITY OF HOUSTON SCOTT STREET PUBLIC SUPPLY NO. 6 WELL LOCATED AT 3346 SCOTT STREET. DEPTH OF WELL 2,157 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 580 TO 2,140 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 45 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 332.96 S

PERIOD OF RECORD      HIGHEST 257.85 MAR 22, 1963      LOWEST 424.93 JAN 20, 1982  
RECORD AVAILABLE FROM MAR 22, 1963 TO JAN 08, 1991      25 ENTRIES

SITE NUMBER: 294214095155501  
LOCAL WELL NUMBER: LJ-65-22-602

CITY OF HOUSTON EAST END PUBLIC SUPPLY WELL NO. 3 LOCATED AT 2320 CENTRAL AVENUE. DEPTH OF WELL 2,365 FEET. DIAMETER OF UPPER CASING 24 INCHES. SCREENED INTERVALS FROM 1,195 TO 2,345 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 33 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 14 282.88 S

PERIOD OF RECORD      HIGHEST 185. JUL 08, 1948      LOWEST 369.80 NOV 02, 1977  
RECORD AVAILABLE FROM JUL 08, 1948 TO JAN 14, 1991      93 ENTRIES

SITE NUMBER: 294445095141101  
LOCAL WELL NUMBER: LJ-65-23-104

CITY OF GALENA PARK UNUSED PUBLIC SUPPLY NO. 4 WELL LOCATED 1 MILE NORTH ON KEENE STREET FROM CLINTON DRIVE. DEPTH OF WELL 1,350 FEET. DIAMETER OF UPPER CASING 12.75 INCHES. SCREENED INTERVALS FROM 607 TO 1,306 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 33 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 11 258.37 S

PERIOD OF RECORD      HIGHEST 258.31 FEB 01, 1990      LOWEST 389. FEB 26, 1975  
RECORD AVAILABLE FROM SEP 24, 1951 TO JAN 11, 1991      40 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

115

SITE NUMBER: 294315095133203  
LOCAL WELL NUMBER: LJ-65-23-131

U.S. GEOLOGICAL SURVEY TEST WELL NO. 2 LOCATED 5,500 FEET NORTH ON LIGHT COMPANY ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 172 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 162 TO 172 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 20 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 89.44 S

PERIOD OF RECORD    HIGHEST 89.44 JAN 29, 1991    LOWEST 105.20 DEC 15, 1976  
RECORD AVAILABLE FROM JAN 16, 1974 TO JAN 29, 1991    105 ENTRIES

SITE NUMBER: 294315095133204  
LOCAL WELL NUMBER: LJ-65-23-132

U.S. GEOLOGICAL SURVEY TEST WELL NO. 3 LOCATED 5,500 FEET NORTH ON LIGHT COMPANY ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 45 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 35 TO 45 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 20 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 12.25 S

PERIOD OF RECORD    HIGHEST 12.25 JAN 29, 1991    LOWEST 17.13 JAN 16, 1974  
RECORD AVAILABLE FROM JAN 16, 1974 TO JAN 29, 1991    103 ENTRIES

SITE NUMBER: 294425095101601  
LOCAL WELL NUMBER: LJ-65-23-219

ETHYL CORPORATION INDUSTRIAL WELL NO. 4 LOCATED 1.9 MILES NORTH ON ETHYL ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 1,252 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 698 TO 1,235 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 21 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 07 239. R

PERIOD OF RECORD    HIGHEST 233. FEB 05, 1990    LOWEST 432. SEP 05, 1974  
RECORD AVAILABLE FROM FEB 16, 1952 TO JAN 07, 1991    351 ENTRIES

SITE NUMBER: 294425095100801  
LOCAL WELL NUMBER: LJ-65-23-220

ETHYL CORPORATION INDUSTRIAL WELL NO. 3A LOCATED 1.9 MILES NORTH ON ETHYL ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 477 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVAL FROM 329 TO 465 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 20 FEET

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 07 157. R

PERIOD OF RECORD    HIGHEST 148. FEB 26, 1989    LOWEST 278. JUL 29, 1976  
RECORD AVAILABLE FROM MAY 10, 1951 TO JAN 07, 1991    352 ENTRIES

SITE NUMBER: 294424095100401  
LOCAL WELL NUMBER: LJ-65-23-221

ETHYL CORPORATION INDUSTRIAL WELL NO. 2L LOCATED 1.9 MILES NORTH ON ETHYL ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 1,740 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 1,070 TO 1,720 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 19 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 07 243. R

PERIOD OF RECORD    HIGHEST 228. JAN 03, 1957    LOWEST 409. SEP 05, 1974  
RECORD AVAILABLE FROM AUG 22, 1951 TO JAN 07, 1991    351 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 294158095024701  
LOCAL WELL NUMBER: LJ-65-24-501

DUPONT UNUSED TEST WELL NO. 5 LOCATED 3,000 FEET NORTH ON SENS ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 591 FEET. DIAMETER OF UPPER CASING 3.5 INCHES. SCREENED INTERVALS FROM 528 TO 538 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 29 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 160.97 S

PERIOD OF RECORD    HIGHEST 136.94 DEC 02, 1947    LOWEST 330.22 FEB 01, 1973  
RECORD AVAILABLE FROM SEP 17, 1947 TO JAN 29, 1991    187 ENTRIES

SITE NUMBER: 294207095022001  
LOCAL WELL NUMBER: LJ-65-24-606

DUPONT UNUSED TEST WELL NO. 4 LOCATED 2 MILES EAST ON STRANG ROAD FROM STATE HIGHWAY 225. DEPTH OF WELL 989 FEET. DIAMETER OF UPPER CASING 3.5 INCHES. SCREENED INTERVAL FROM 979 TO 989 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 29 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 29 206.36 S

PERIOD OF RECORD    HIGHEST 120.3 AUG 20, 1947    LOWEST 300.4 FEB 23, 1976  
RECORD AVAILABLE FROM AUG 20, 1947 TO JAN 29, 1991    156 ENTRIES

SITE NUMBER: 293652095293601  
LOCAL WELL NUMBER: LJ-65-29-108

CITY OF HOUSTON CHASEWOOD PUBLIC SUPPLY WELL NO. 3 LOCATED AT 14400 HILLCROFT. DEPTH OF WELL 1,190 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 750 TO 1,170 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 70 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 08 327. A

PERIOD OF RECORD    HIGHEST 317.59 JAN 12, 1989    LOWEST 327. JAN 08, 1991  
RECORD AVAILABLE FROM JAN 12, 1989 TO JAN 08, 1991    4 ENTRIES

SITE NUMBER: 293636095133801  
LOCAL WELL NUMBER: LJ-65-31-108

CITY OF HOUSTON DISTRICT 81 PUBLIC SUPPLY WELL LOCATED AT 10815 BEAMER ROAD. DEPTH OF WELL 1,210 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 860 TO 1,195 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 42 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 14 235.04 S

PERIOD OF RECORD    HIGHEST 235.04 JAN 14, 1991    LOWEST 341.48 DEC 01, 1975  
RECORD AVAILABLE FROM SEP 1963 TO JAN 14, 1991    34 ENTRIES

SITE NUMBER: 293724095115901  
LOCAL WELL NUMBER: LJ-65-31-211

J.M. MCGOWEN UNUSED WELL LOCATED 400 FEET WEST ON PALMSPRINGS STREET FROM STATE HIGHWAY 3. DEPTH OF WELL 832 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVALS FROM 655 TO 832 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 45 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 01 230.88 S

PERIOD OF RECORD    HIGHEST 47.06 APR 03, 1931    LOWEST 288.33 SEP 17, 1976  
RECORD AVAILABLE FROM APR 03, 1931 TO FEB 01, 1991    211 ENTRIES

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

117

SITE NUMBER: 293344095082301  
LOCAL WELL NUMBER: LJ-65-31-605

CLEAR LAKE WATER AUTHORITY PUBLIC SUPPLY WELL NO. 2 LOCATED AT INTERSECTION OF STATE HIGHWAY 3 AND ELDORADO. DEPTH OF WELL 635 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 495 TO 600 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 34 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 01 174.93 S

PERIOD OF RECORD    HIGHEST 114.76 JAN 15, 1979    LOWEST 236.04 NOV 24, 1976  
RECORD AVAILABLE FROM MAR 1966 TO FEB 01, 1991    128 ENTRIES

SITE NUMBER: 293644095045501  
LOCAL WELL NUMBER: LJ-65-32-203

BAYPORT INDUSTRIAL DISTRICT INDUSTRIAL WELL NO. 3 LOCATED NORTH OF INTERSECTION OF RED BLUFF ROAD AND CHOATE ROAD. DEPTH OF WELL 618 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 458 TO 608 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 17 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 01 157.36 S

PERIOD OF RECORD    HIGHEST 157.36 FEB 01, 1991    LOWEST 268.50 MAR 23, 1976  
RECORD AVAILABLE FROM APR 22, 1970 TO FEB 01, 1991    82 ENTRIES

SITE NUMBER: 293315095063401  
LOCAL WELL NUMBER: LJ-65-32-406

CLEAR LAKE WATER AUTHORITY PUBLIC SUPPLY WELL NO. 1 LOCATED 1,200 FEET NORTH AND 2,600 FEET EAST OF THE INTERSECTION OF EL CAMINO REAL AND BAY AREA BOULEVARD. DEPTH OF WELL 657 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVAL FROM 527 TO 647 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 20 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

FEB 01 152.15 S

PERIOD OF RECORD    HIGHEST 131.53 JAN 15, 1979    LOWEST 237.85 JUN 08, 1976  
RECORD AVAILABLE FROM JAN 09, 1963 TO FEB 01, 1991    144 ENTRIES

SITE NUMBER: 293349095070901  
LOCAL WELL NUMBER: LJ-65-32-424

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT CLEAR LAKE PIEZOMETER LOCATED 1,000 FEET NORTH OF THE INTERSECTION OF RESEDA AND BAY AREA BOULEVARD. DEPTH OF WELL 1,740 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 1,701 TO 1,721 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 24 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS
OCT 11	181.54 S	JAN 03	180.85 S	MAR 28	180.15 S	JUN 24	179.49 S	SEP 12	179.19 S
NOV 07	181.28 S	31	180.60 S	APR 25	179.74 S	JUL 18	179.66 S		
DEC 07	181.06 S	FEB 28	180.42 S	MAY 24	179.67 S	AUG 15	179.56 S		
WATER YEAR 1991		HIGHEST 179.19	SEP 12, 1991	LOWEST 181.54	OCT 11, 1990				
PERIOD OF RECORD		HIGHEST 179.19	SEP 12, 1991	LOWEST 227.02	NOV 04, 1976				
		RECORD AVAILABLE FROM MAR 26, 1976 TO SEP 12, 1991		246 ENTRIES					

WATER LEVELS, HARRIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 293348095070601  
LOCAL WELL NUMBER: LJ-65-32-425

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT CLEAR LAKE PIEZOMETER NO. 2 LOCATED 1,000 FEET NORTH OF THE INTERSECTION OF RESEDA AND BAY AREA BOULEVARD. DEPTH OF WELL 1,232 FEET. DIAMETER OF UPPER CASING 4.5 INCHES. SCREENED INTERVAL FROM 1,217 TO 1,227 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 24 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 11	169.07 S	JAN 03	165.47 S	MAR 28	164.49 S	JUN 24	165.77 S	SEP 12	163.15 S
NOV 07	166.27 S	31	165.18 S	APR 25	164.18 S	JUL 18	164.44 S		
DEC 07	165.96 S	FEB 28	164.68 S	MAY 24	165.98 S	AUG 15	164.65 S		
WATER YEAR 1991		HIGHEST	163.15	SEP 12, 1991	LOWEST	169.07	OCT 11, 1990		
PERIOD OF RECORD		HIGHEST	159.26	SEP 11, 1979	LOWEST	215.65	JAN 20, 1977		
		RECORD AVAILABLE FROM APR 23, 1976 TO SEP 12, 1991					246 ENTRIES		

## WATER QUALITY, HARRIS COUNTY

119

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	ALKA- LINITV WAT DIS FIX END FIELD CAC03 (MG/L)	HARD- NESS TOTAL (MG/L AS CAC03)
IJ-60-64-402	09-09-91	0620	570.00	290	7.1	23.0	--	--
IJ-64-17-201	08-13-91	1330	390.00	700	8.0	24.0	--	--
IJ-65-13-944	09-04-91	0705	1644	497	7.4	27.0	--	--
IJ-65-14-101	09-10-91	0740	1986	460	7.2	27.0	--	--
IJ-65-16-110	09-23-91	0945	1625	490	8.0	27.0	--	--
IJ-65-21-701	09-04-91	1130	1735	560	7.6	28.0	--	--
IJ-65-24-901	08-16-91	1200	550.00	840	7.8	25.0	--	--



## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

HAYS COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
LR-58-49-930	300941097542201 .....	124	126		LR-67-01-806	295327097560401 .....			126
LR-58-57-303	300646097533201 .....	124	126		LR-67-01-809	295443097554201 .....	125		
LR-58-57-311	300646097533202 .....			126	LR-67-01-812	295324097554101 .....			126
LR-58-57-402	300316097591001 .....		124	126	LR-67-01-813A	295327097555401 .....			126
LR-58-58-101	300510097504001 .....	122	124	126	LR-67-01-813B	295327097555402 .....			126
LR-58-58-403	300453097503301 .....			126	LR-67-09-102	295103097583301 .....	125		
LR-67-01-304	295909097523301 .....	123	125		LR-67-09-105	295039097590301 .....			126
LR-67-01-801	295340097544801 .....			126	LR-67-09-111	295109097591101 .....			126

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

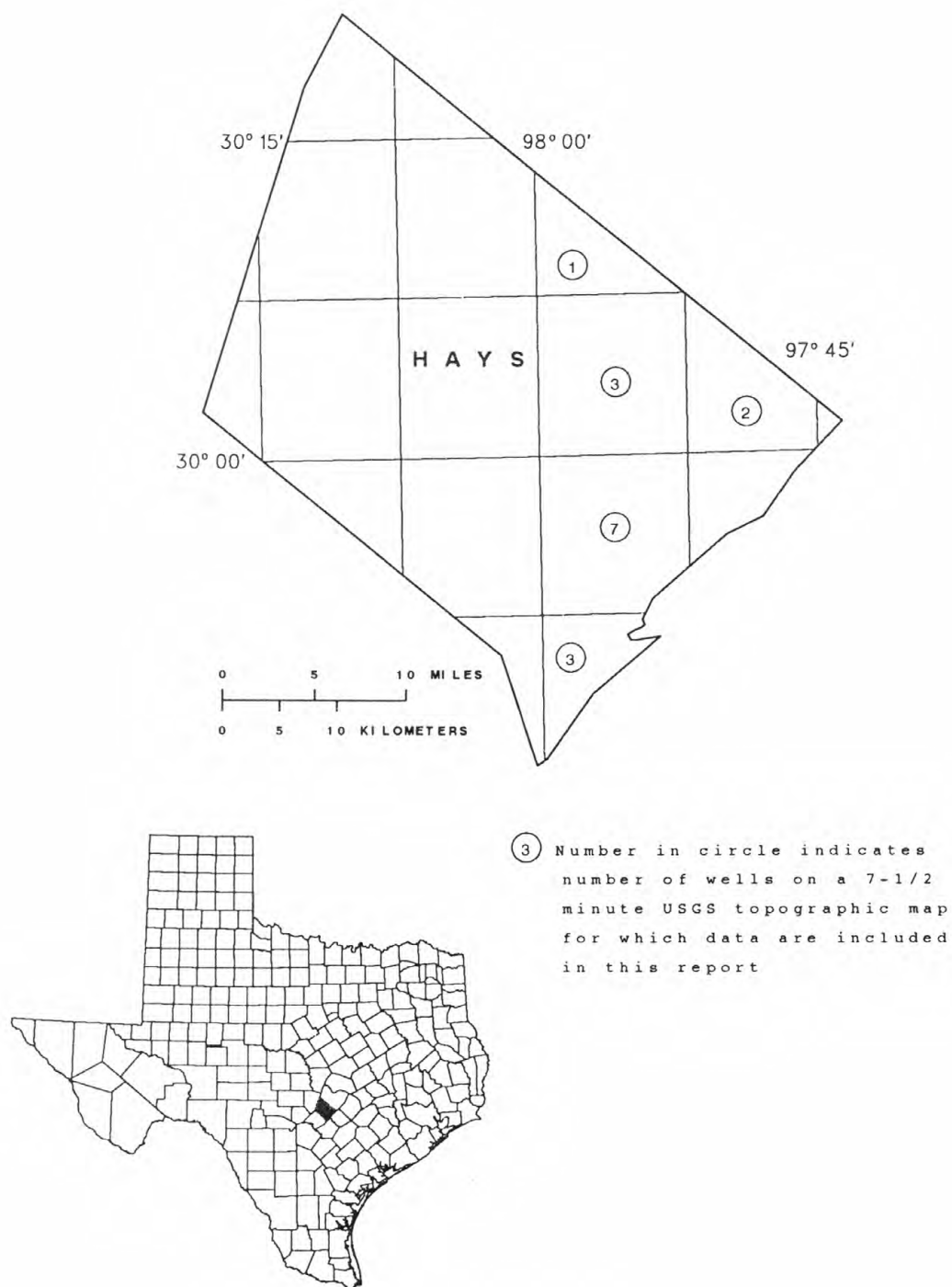


Figure 34.--Hays County map.

## Hays County

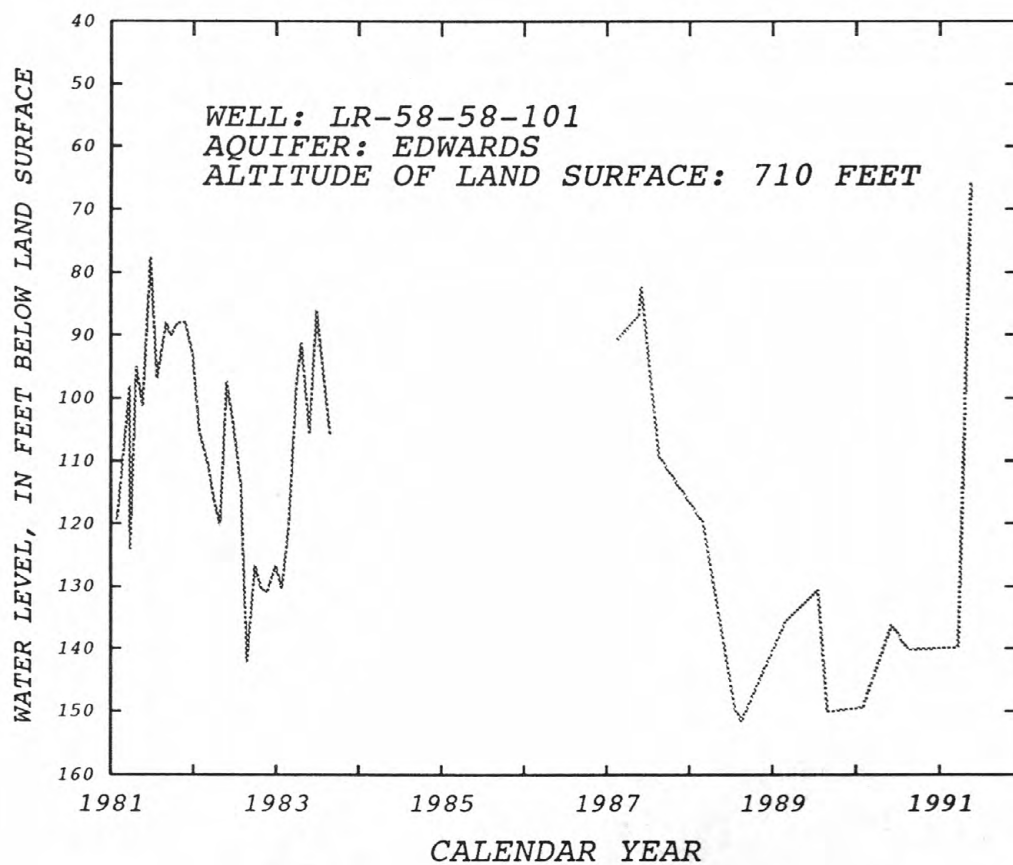


Figure 35.--Hydrograph for well LR-58-58-101.

## Hays County

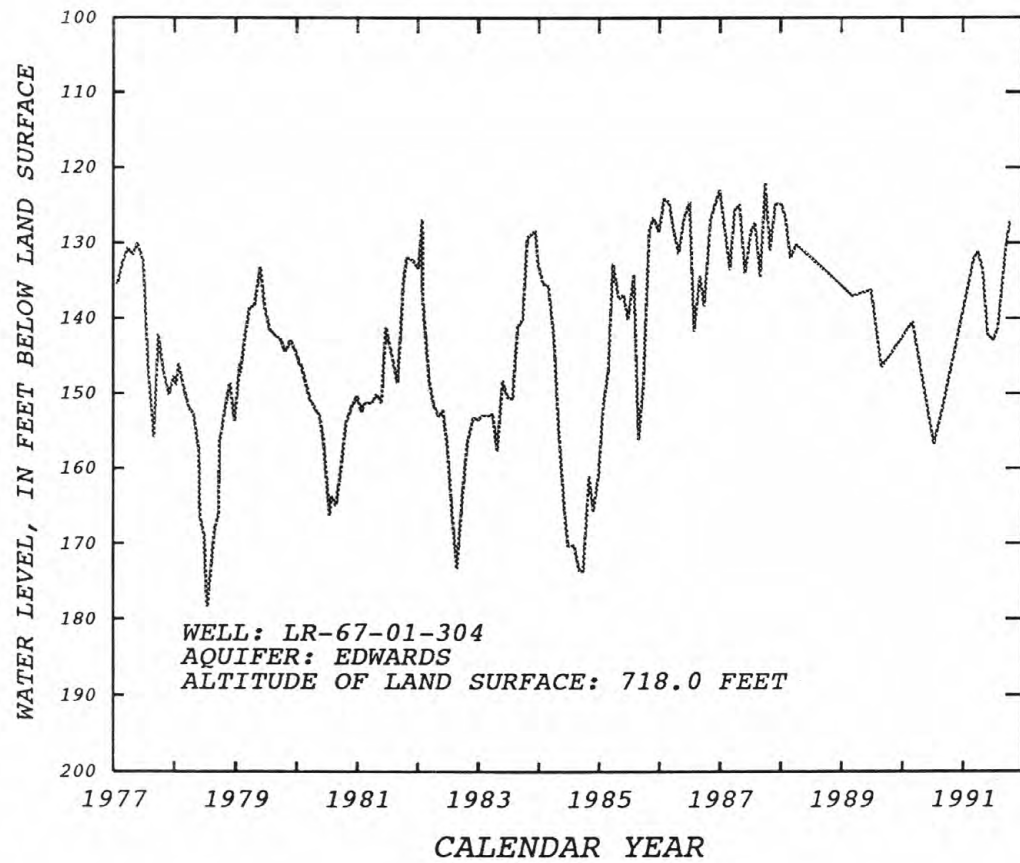


Figure 36.--Hydrograph for well LR-67-01-304.

WATER LEVELS, HAYS COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 300941097542201  
LOCAL WELL NUMBER: LR-58-49-930

TURN WEST FROM STATE HWY 1626 AT MARBRIDGE FARMS AND RIGHT ON SPILLAR RANCH ROAD TO RANCH GATE. PROCEED THROUGH GATE TO THE RIGHT, CROSS CATTLE GUARD AND KEEP RIGHT TO RANCH HOUSE. WELL LOCATED ABOUT 250 FEET SOUTHEAST OF HOUSE. DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 835 FEET. OWNER: SPILLAR RANCH.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 13	68.08 S	MAY 14	62.18 S	AUG 14	68.64 SR
WATER YEAR 1991	HIGHEST 62.18	MAY 14, 1991	LOWEST 68.64	AUG 14, 1991	
PERIOD OF RECORD	HIGHEST 62.18	MAY 14, 1991	LOWEST 71.70	JUL 25, 1989	
	RECORD AVAILABLE FROM JUL 25, 1989 TO AUG 14, 1991				4 ENTRIES

SITE NUMBER: 300646097533201  
LOCAL WELL NUMBER: LR-58-57-303

PROCEED APPROXIMATELY 0.7 MILE NORTH OF STATE HWY 967 ON STATE HWY 1626 TO STREET ON LEFT, CONTINUE ABOUT 1.3 MILES TO RESIDENCE ON FAR LEFT CORNER. WELL LOCATED BEHIND SHED AT END OF DRIVE AND TO RIGHT OF POOL. CASING DIAMETER 5 INCHES, DEPTH 315 FEET. ALTITUDE OF LAND-SURFACE DATUM 870 FEET. OWNER: CHARLIE WOLFF.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
MAR 19	244.70 S	MAY 07	241.90 S
WATER YEAR 1991	HIGHEST 241.90	MAY 07, 1991	LOWEST 244.70
PERIOD OF RECORD	HIGHEST 241.90	MAY 07, 1991	LOWEST 244.70
	RECORD AVAILABLE FROM MAR 19, 1991 TO MAY 07, 1991		2 ENTRIES

SITE NUMBER: 300316097591001  
LOCAL WELL NUMBER: LR-58-57-402

LOCATED 0.5 MILE NORTH OF HAY CITY ON STATE HWY 150 ABOUT 1,100 FEET OFF HWY IN WELL SHED BEHIND HOUSE. CASING DIAMETER 6 INCHES, DEPTH 380 FEET. ALTITUDE OF LAND-SURFACE DATUM 880 FEET. OWNER: TOM FAIREY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
MAR 11	98.67 S	MAY 13	99.00 S
WATER YEAR 1991	HIGHEST 98.67	MAR 11, 1991	LOWEST 99.00
PERIOD OF RECORD	HIGHEST 90.25	JUN 26, 1981	LOWEST 104.00
	RECORD AVAILABLE FROM NOV 30, 1977 TO MAY 13, 1991		58 ENTRIES

SITE NUMBER: 300510097504001  
LOCAL WELL NUMBER: LR-58-58-101

PROCEED WEST ON LOOP 4 FROM IH-35 SOUTH, CROSSING RAILROAD TRACK TO SECOND STREET ON RIGHT. TURN RIGHT TO FIRST STREET. WELL LOCATED AT SOUTHEAST CORNER IN YARD. CASING DIAMETER 5 INCHES, DEPTH 243 FEET. ALTITUDE OF LAND-SURFACE DATUM 707.23 FEET. OWNER: MR. FRANKLIN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
MAR 22	139.80 S	MAY 15	65.80 S
WATER YEAR 1991	HIGHEST 65.80	MAY 15, 1991	LOWEST 139.80
PERIOD OF RECORD	HIGHEST 65.80	MAY 15, 1991	LOWEST 151.57
	RECORD AVAILABLE FROM 00, 1907 TO MAY 15, 1991		300 ENTRIES

WATER LEVELS, HAYS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

125

SITE NUMBER: 295909097523301  
LOCAL WELL NUMBER: LR-67-01-304

IN KYLE, 0.3 MILE SOUTHWEST OF THE INTERSECTION OF INTERSTATE 35 AND FM 150. UNUSED WELL. DIAMETER 5 INCHES, DEPTH 372 FEET, COMPLETED OPEN HOLE FROM 340 FEET TO 372 FEET. ALTITUDE OF LAND-SURFACE DATUM 718.0 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 06	132.13	APR 29	133.58	JUL 01	142.90	SEP 17	130.15
APR 01	131.12	MAY 29	142.20	29	141.26		
WATER YEAR 1991		HIGHEST	130.15	SEP 17, 1991	LOWEST	142.90	JUL 01, 1991
PERIOD OF RECORD		HIGHEST	122.14	SEP 30, 1987	LOWEST	178.38	JUL 17, 1978
		RECORD AVAILABLE FROM JAN 25, 1977 TO SEP 17, 1991 159 ENTRIES					

SITE NUMBER: 295443097554201  
LOCAL WELL NUMBER: LR-67-01-809

IN SAN MARCOS, 1.3 MILES NORTH ALONG LIMEKILN ROAD FROM THE INTERSECTION OF LIMEKILN AND LOOP 82. DRILLED STOCK WELL. DIAMETER 48 INCHES, DEPTH 32.5 FEET, BRICK CASED. ALTITUDE OF LAND-SURFACE DATUM 601.7 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	26.69	JAN 05	26.60	MAR 15	24.89	MAY 20	23.36	AUG 01	24.96
10	26.59	10	25.92	20	24.74	25	23.43	05	25.10
15	26.52	15	25.58	25	24.74	30	23.50	10	25.17
20	26.52	20	25.35	30	24.83	JUN 01	23.60	15	25.29
25	26.56	25	25.24	APR 04	24.93	05	23.68	20	25.38
31	26.58	30	25.15	05	24.83	10	23.85	21	25.40
NOV 05	26.62	31	25.13	10	24.26	15	23.87	25	25.33
10	26.39	FEB 01	25.12	15	24.02	20	24.04	30	25.35
15	26.36	05	24.87	20	23.85	25	24.14	SEP 05	25.32
20	26.37	10	24.70	25	23.79	30	24.20	10	25.40
25	26.36	13	24.63	26	23.78	JUL 01	24.22	15	25.46
30	26.38	15	24.67	30	23.85	05	24.33	18	25.51
DEC 05	26.45	20	24.67	MAY 01	23.85	10	24.45	20	25.40
10	26.51	25	24.70	05	23.82	15	24.58	25	25.22
15	26.53	28	24.71	10	23.47	20	24.74	27	25.18
20	26.56	MAR 02	24.71	14	23.35	25	24.83	30	25.18
25	26.63	05	24.75	15	23.35	30	24.93		
JAN 01	26.66	10	24.84	18	23.35	31	24.94		
WATER YEAR 1991		HIGHEST	23.35	MAY 14, 1991	MAY 15, 1991	MAY 18, 1991	LOWEST	26.69	OCT 05, 1990
PERIOD OF RECORD		HIGHEST	23.35	MAY 14, 1991	MAY 15, 1991	MAY 18, 1991	LOWEST	26.69	OCT 05, 1990
		RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991 88 ENTRIES							

SITE NUMBER: 295103097583301  
LOCAL WELL NUMBER: LR-67-09-102

ON STATE ROUTE 2439, 0.25 MILE NORTHEAST OF INTERSECTION 2439 AND MCCARTY LANE. PRIVATE STOCK WELL. 194 FEET DEEP, 6 INCH DIAMETER. ALTITUDE OF LAND SURFACE DATUM 696.80 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		
APR 01	118.70	MAY 29	116.94	JUL 29	118.30	
29	117.61	JUL 01	117.62	SEP 17	118.75	
WATER YEAR 1991		HIGHEST	116.94	MAY 29, 1991	LOWEST	118.75
PERIOD OF RECORD		HIGHEST	116.94	MAY 29, 1991	LOWEST	118.75
		RECORD AVAILABLE FROM APR 01, 1991 TO SEP 17, 1991 6 ENTRIES				



## WATER QUALITY, HAYS COUNTY

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	DEPTH OF WELL, TOTAL (FEET)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	HARD- NESS TOTAL (MG/L AS CACO3)
LR-58-49-930	03-13-91	1100	--	30	--	820	7.2	21.5	400
	05-14-91	1325	--	30	--	866	7.1	22.0	--
	08-14-91	0910	--	--	--	762	7.1	22.5	--
LR-58-57-303	08-13-91	1220	--	--	--	600	6.7	23.0	--
LR-58-57-311	03-19-91	1020	--	30	--	565	7.1	22.0	320
	05-07-91	1325	--	--	--	584	6.7	22.0	--
LR-58-57-402	03-11-91	1025	380.00	60	--	840	7.1	23.0	450
	05-13-91	1035	380.00	60	--	977	7.1	23.0	--
	05-13-91	1035	--	--	--	--	--	--	--
LR-58-58-101	07-30-91	1240	243.00	--	--	581	7.2	22.5	290
LR-58-58-403	03-22-91	0825	390.00	15	--	586	7.2	22.0	290
	05-15-91	0850	390.00	15	--	569	7.1	22.0	--
	08-13-91	1305	390.00	--	--	591	7.1	23.0	--
LR-67-01-801	07-01-91	1130	--	--	--	580	6.8	21.5	300
LR-67-01-806	07-01-91	0930	115.00	1440	1600	590	6.7	22.5	310
LR-67-01-812	11-14-90	1100	543.00	60	6.0	14800	6.6	24.0	3700
	02-12-91	0910	543.00	60	7.2	14700	6.6	23.0	4200
	05-15-91	0900	554.00	40	12	14100	6.7	24.0	4000
	08-14-91	0815	543.00	60	11	15000	6.6	24.5	4500
LR-67-01-813A	11-14-90	1400	564.00	60	7.0	14800	6.6	24.0	3800
	02-12-91	1215	564.00	60	12	14600	6.5	24.0	4200
	05-15-91	1045	564.00	60	10	14100	6.7	24.0	4100
	08-14-91	1000	564.00	60	10	14700	6.6	24.5	4400
LR-67-01-813B	11-14-90	1500	699.00	50	9.5	14900	6.5	25.0	3800
	02-12-91	1100	699.00	50	13	13900	6.5	25.0	4100
	05-15-91	1200	699.00	60	12	14300	6.6	25.0	3900
	08-14-91	1100	699.00	60	13	14800	6.6	25.5	4300
LR-67-09-105	07-30-91	1340	330.00	760	2000	630	6.9	23.5	290
LR-67-09-111	07-30-91	1640	264.00	60	200	598	6.9	23.5	290

LOCAL WELL NUMBER	DATE	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
LR-58-49-930	03-13-91	86	98	38	10	14	99	19	0.40
	05-14-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--
LR-58-57-303	08-13-91	--	--	--	--	--	--	--	--
LR-58-57-311	03-19-91	14	85	25	6.8	0.80	7.3	12	0.20
	05-07-91	--	--	--	--	--	--	--	--
LR-58-57-402	03-11-91	130	82	59	9.5	5.5	180	14	1.4
	05-13-91	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--
LR-58-58-101	07-30-91	17	76	25	6.3	1.1	27	12	0.40
LR-58-58-403	03-22-91	18	76	24	5.9	1.3	27	9.9	0.50
	05-15-91	--	--	--	--	--	--	--	--
	08-13-91	--	--	--	--	--	--	--	--
LR-67-01-801	07-01-91	47	87	19	12	1.5	26	21	0.20
LR-67-01-806	07-01-91	43	95	17	13	1.3	28	23	0.20
LR-67-01-812	11-14-90	3400	820	410	1800	87	2600	3900	2.5
	02-12-91	3800	920	450	2000	84	2500	3500	2.6
	05-15-91	3600	870	440	1900	85	2900	3900	20
	08-14-91	4100	950	520	1900	84	3200	3800	2.7
LR-67-01-813A	11-14-90	3400	810	420	1800	82	2700	4000	<0.10
	02-12-91	3800	920	450	1900	89	2700	3600	2.3
	05-15-91	3700	890	460	1900	84	3100	4000	2.4
	08-14-91	4000	940	510	1900	83	3000	3600	2.8
LR-67-01-813B	11-14-90	3400	830	420	1800	85	2500	3900	2.4
	02-12-91	3700	900	440	2000	88	2700	4100	2.3
	05-15-91	3500	850	430	1900	88	3000	3900	2.2
	08-14-91	3900	920	480	1900	82	3000	3600	2.8
LR-67-09-105	07-30-91	43	90	17	14	1.4	36	29	0.30
LR-67-09-111	07-30-91	29	89	16	11	1.2	28	22	0.30

See footnote at end of table.

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)
LR-58-49-930	03-13-91	13	480	1.8	0.16	0.040	0.010	1.59	0.20
	05-14-91	--	--	4.4	0.39	0.010	<0.010	--	0.40
	08-14-91	--	--	--	--	0.060	<0.010	--	<0.20
LR-58-57-303	08-13-91	--	--	--	--	0.020	<0.010	--	<0.20
LR-58-57-311	03-19-91	12	330	--	--	0.030	<0.010	--	<0.20
	05-07-91	--	--	--	--	<0.010	<0.010	--	<0.20
LR-58-57-402	03-11-91	12	552	--	0.11	0.090	<0.010	--	0.20
	05-13-91	--	--	--	0.16	0.140	<0.010	--	0.30
	05-13-91	--	--	--	--	--	--	--	--
LR-58-58-101	07-30-91	11	324	--	--	<0.010	<0.010	--	<0.20
LR-58-58-403	03-22-91	11	318	--	--	0.050	0.010	1.19	<0.20
	05-15-91	--	--	--	--	<0.010	<0.010	--	<0.20
	08-13-91	--	--	1.4	0.18	0.020	<0.010	--	0.20
LR-67-01-801	07-01-91	11	327	1.3	0.29	0.010	<0.010	--	0.30
LR-67-01-806	07-01-91	12	348	--	--	<0.010	<0.010	--	<0.20
LR-67-01-812	11-14-90	16	9860	--	--	--	--	--	--
	02-12-91	15	9710	--	--	--	--	--	--
	05-15-91	15	10400	--	--	--	--	--	--
	08-14-91	15	10700	--	--	--	--	--	--
LR-67-01-813A	11-14-90	17	10100	--	--	--	--	--	--
	02-12-91	16	9910	--	--	--	--	--	--
	05-15-91	15	10700	--	--	--	--	--	--
	08-14-91	15	10300	--	--	--	--	--	--
LR-67-01-813B	11-14-90	15	9780	--	--	--	--	--	--
	02-12-91	15	10400	--	--	--	--	--	--
	05-15-91	14	10400	--	--	--	--	--	--
	08-14-91	14	10200	--	--	--	--	--	--
LR-67-09-105	07-30-91	12	351	--	--	<0.010	<0.010	--	<0.20
LR-67-09-111	07-30-91	12	335	--	--	<0.010	<0.010	--	<0.20
LOCAL WELL NUMBER	DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS P04)	PHOS- PHORUS TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)
LR-58-49-930	03-13-91	1.60	--	0.010	1.2	--	--	--	--
	05-14-91	4.00	--	0.020	1.5	--	--	--	--
	08-14-91	0.160	--	<0.010	0.3	--	--	--	--
LR-58-57-303	08-13-91	1.10	0.03	<0.010	0.8	--	--	--	--
LR-58-57-311	03-19-91	1.10	0.03	0.020	4.3	--	--	--	--
	05-07-91	1.20	--	<0.010	0.4	--	--	--	--
LR-58-57-402	03-11-91	<0.050	--	<0.010	0.3	--	--	--	--
	05-13-91	<0.050	--	0.021	--	--	--	--	--
	05-13-91	--	--	<0.1	--	--	--	--	--
LR-58-58-101	07-30-91	1.30	--	0.010	--	1	140	<1.0	<1
LR-58-58-403	03-22-91	1.20	0.03	<0.010	0.2	--	--	--	--
	05-15-91	1.50	--	<0.010	<0.1	--	--	--	--
	08-13-91	1.20	--	<0.010	0.2	--	--	--	--
LR-67-01-801	07-01-91	0.980	--	<0.010	--	<1	34	<1.0	<1
LR-67-01-806	07-01-91	1.70	--	<0.010	--	<1	38	<1.0	<1
LR-67-01-812	11-14-90	--	--	--	--	--	--	--	--
	02-12-91	--	--	--	--	<1	100	<1.0	10
	05-15-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--
LR-67-01-813A	11-14-90	--	--	--	--	--	--	--	--
	02-12-91	--	--	--	--	<1	<100	<1.0	6
	05-15-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--
LR-67-01-813B	11-14-90	--	--	--	--	--	--	--	--
	02-12-91	--	--	--	--	<1	100	<1.0	6
	05-15-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--
LR-67-09-105	07-30-91	1.60	--	<0.010	--	<1	39	<1.0	1
LR-67-09-111	07-30-91	1.60	--	0.010	--	<1	39	<1.0	<1

See footnote at end of table.

WATER QUALITY, HAYS COUNTY--Continued  
 INORGANIC DATA--Continued  
 WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY DIS- SOLVED (UG/L AS HG)
LR-58-49-930	03-13-91	--	--	--	--	--	--	--	--
	05-14-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--
LR-58-57-303	08-13-91	--	--	--	--	--	--	--	--
LR-58-57-311	03-19-91	--	--	--	--	--	--	--	--
LR-58-57-402	05-07-91	--	--	--	--	--	--	--	--
	03-11-91	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--
LR-58-58-101	07-30-91	4	<3	2	<1	<1.0	27	<1	0.5
LR-58-58-403	03-22-91	--	--	--	--	--	--	--	--
	05-15-91	--	--	--	--	--	--	--	--
	08-13-91	--	--	--	--	--	--	--	--
LR-67-01-801	07-01-91	5	5	1	<1	<1.0	12	<1	<0.1
LR-67-01-806	07-01-91	9	6	1	<1	<1.0	10	<1	<0.1
LR-67-01-812	11-14-90	--	--	--	--	--	--	--	--
	02-12-91	<1	120	1	40	<1.0	20	<1	0.2
	05-15-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--
LR-67-01-813A	11-14-90	--	--	--	--	--	--	--	--
	02-12-91	<1	90	2	40	<1.0	30	<2	0.1
	05-15-91	--	--	--	--	--	--	--	--
LR-67-01-813B	08-14-91	--	--	--	--	--	--	--	--
	11-14-90	--	--	--	--	--	--	--	--
	02-12-91	<1	90	1	30	<1.0	20	<2	0.1
	05-15-91	--	--	--	--	--	--	--	--
LR-67-09-105	08-14-91	--	--	--	--	--	--	--	--
	07-30-91	4	4	<1	<1	<1.0	20	<1	<0.1
LR-67-09-111	07-30-91	9	4	4	<1	<1.0	84	<1	<0.1

< Actual value is less than value shown.

## ORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	PER- THANE TOTAL (UG/L)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	LINDANE TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)
LR-58-49-930	03-13-91	1100	--	--	--	--	--	--	--
	05-14-91	1325	--	--	--	--	--	--	--
	08-14-91	0910	--	--	--	--	--	--	--
LR-58-57-311	03-19-91	1020	--	--	--	--	--	--	--
	05-07-91	1325	--	--	--	--	--	--	--
LR-58-57-402	03-11-91	1025	--	--	--	--	--	--	--
	05-13-91	1035	--	--	--	--	--	--	--
	05-13-91	1035	--	--	--	--	--	--	--
LR-58-58-403	03-22-91	0825	--	--	--	--	--	--	--
	05-15-91	0850	--	--	--	--	--	--	--
LR-67-01-801	08-13-91	1305	--	--	--	--	--	--	--
LR-67-01-806	07-01-91	1130	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010
LR-67-09-105	07-01-91	0930	--	--	--	--	--	--	--
	07-30-91	1340	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010

LOCAL WELL NUMBER	DATE	DDT, TOTAL (UG/L)	DI- ELDRIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	PCB, TOTAL (UG/L)
LR-58-49-930	03-13-91	--	--	--	--	--	--	--	--	--
	05-14-91	--	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--	--
LR-58-57-311	03-19-91	--	--	--	--	--	--	--	--	--
	05-07-91	--	--	--	--	--	--	--	--	--
LR-58-57-402	03-11-91	--	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--	--
LR-58-58-403	03-22-91	--	--	--	--	--	--	--	--	--
	05-15-91	--	--	--	--	--	--	--	--	--
LR-67-01-801	08-13-91	--	--	--	--	--	--	--	--	--
LR-67-01-806	07-01-91	<0.010	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1
LR-67-09-105	07-01-91	--	--	--	--	--	--	--	--	--
	07-30-91	<0.010	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1

LOCAL WELL NUMBER	DATE	MALA- THION, TOTAL (UG/L)	PARA- THION, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	2,4-D, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	MIREX, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)
LR-58-49-930	03-13-91	--	--	--	--	--	--	--	--	--
	05-14-91	--	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	--	--	--
LR-58-57-311	03-19-91	--	--	--	--	--	--	--	--	--
	05-07-91	--	--	--	--	--	--	--	--	--
LR-58-57-402	03-11-91	--	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--	--
	05-13-91	--	--	--	--	--	--	--	--	--
LR-58-58-403	03-22-91	--	--	--	--	--	--	--	--	--
	05-15-91	--	--	--	--	--	--	--	--	--
LR-67-01-801	08-13-91	--	--	--	--	--	--	--	--	--
LR-67-01-806	07-01-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
LR-67-09-105	07-01-91	--	--	--	--	--	--	--	--	--
	07-30-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

See footnote at end of table.

[illegible][illegible][illegible]

## 131

## WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

[illegible]

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

HOCKLEY COUNTY

LOCAL WELL NUMBER	SITE ID	Page
		<u>HY</u> <u>WL</u> <u>QW</u>
LY-24-20-801	333856102332401 .....	134

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record



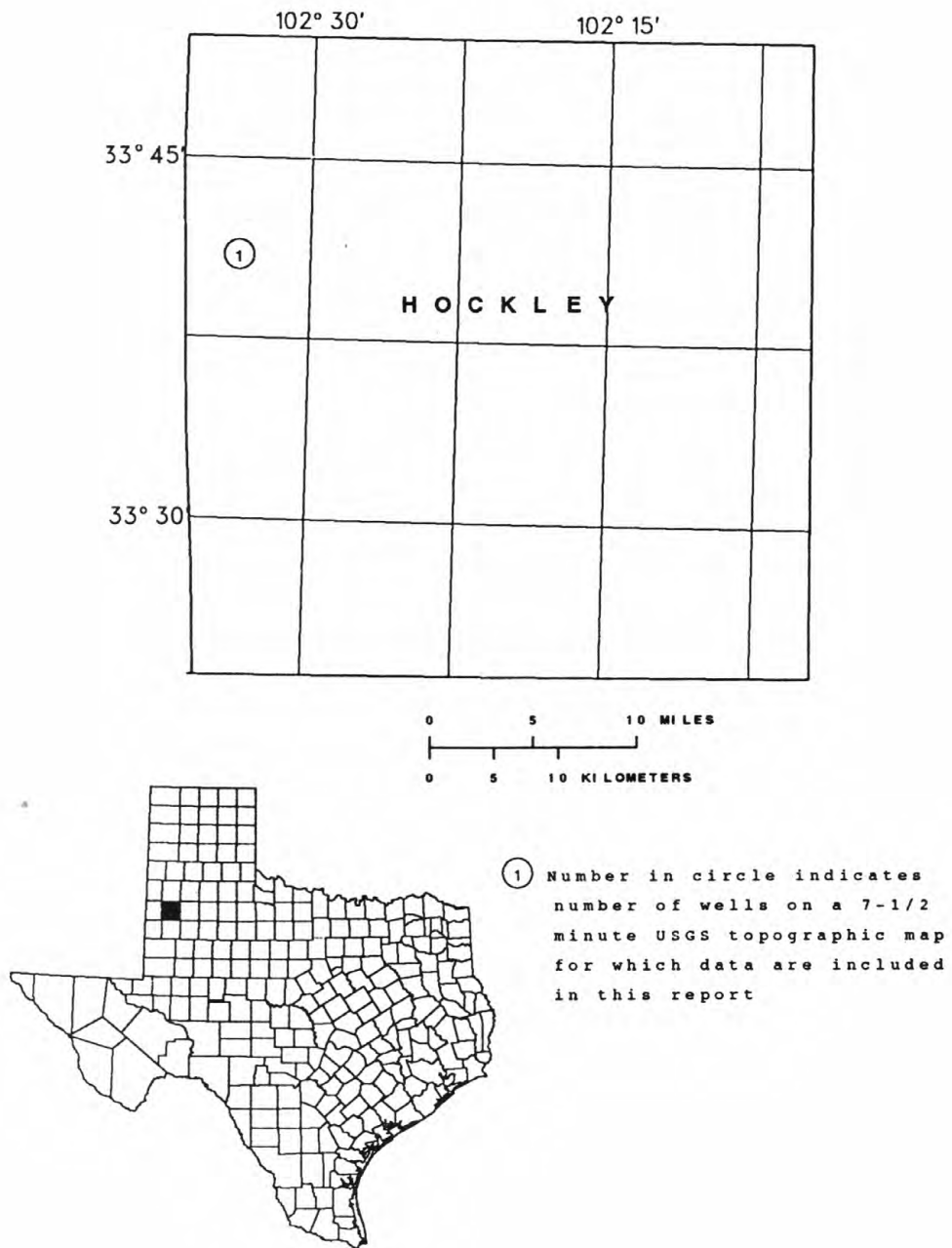


Figure 37.--Hockley County map.

WATER LEVELS, HOCKLEY COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 333856102332401  
LOCAL WELL NUMBER: LY-24-20-801

LOCATED APPROXIMATELY 2.8 MILES EAST OF FM 116 FROM WHITEFACE, TX. NORTH 3.1 MILES AND EAST 0.3 MILE ON DIRT ROAD, 10 MILES WNW OF LEVELLAND, TX. CASING DIAMETER 16 INCHES, DEPTH 200 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,633 FEET. OWNER: NELLIE DELOACH. OTHER IDENTIFIER: HOCKELY 1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	149.70	149.87	150.00	150.22	150.44	150.34	150.51	150.55	150.62	150.74	150.82	150.98
2	149.59	149.90	150.00	150.22	150.40	150.47	150.39	150.43	150.65	150.75	150.79	150.98
3	149.62	149.95	150.14	150.29	150.37	150.58	150.52	150.47	150.64	150.75	150.83	150.99
4	149.79	149.97	150.12	150.22	150.43	150.49	150.57	150.53	150.64	150.75	150.84	151.00
5	149.75	149.87	150.00	150.19	150.42	150.41	150.49	150.60	150.65	150.73	150.83	150.97
6	149.65	149.92	150.06	150.30	150.46	150.47	150.44	150.53	150.68	150.73	150.86	151.00
7	149.72	150.00	150.11	150.29	150.51	150.51	150.40	150.41	150.66	150.75	150.88	150.99
8	149.75	149.92	150.07	150.23	150.43	150.52	150.43	150.54	150.64	150.77	150.87	150.98
9	149.79	150.01	150.07	150.27	150.41	150.58	150.61	150.51	150.64	150.73	150.88	151.01
10	149.69	149.99	150.06	150.25	150.47	150.47	150.44	150.53	150.65	150.72	150.89	151.02
11	149.64	150.03	150.00	150.32	150.45	150.36	150.40	150.55	150.64	150.77	150.90	151.02
12	149.76	150.02	150.07	150.31	150.38	150.43	150.45	150.55	150.62	150.80	150.90	151.01
13	149.69	149.97	150.14	150.24	150.37	150.50	150.51	150.54	150.63	150.80	150.88	151.02
14	149.73	149.95	150.08	150.22	150.49	150.45	150.50	150.48	150.66	150.79	150.91	151.01
15	149.78	149.98	150.13	150.31	150.51	150.48	150.50	150.52	150.69	150.79	150.90	151.06
16	149.76	150.04	150.06	150.34	150.40	150.47	150.47	150.54	150.73	150.79	150.88	151.11
17	149.79	149.97	150.04	150.37	150.35	150.54	150.45	150.54	150.70	150.77	150.91	151.09
18	149.84	149.90	150.08	150.35	150.46	150.51	150.46	150.56	150.70	150.72	150.93	151.11
19	149.70	149.96	150.11	150.24	150.58	150.44	150.60	150.57	150.74	150.74	150.93	151.17
20	149.72	149.99	150.16	150.37	150.53	150.45	150.60	150.55	150.71	150.80	150.91	151.11
21	149.89	150.04	150.17	150.39	150.46	150.45	150.41	150.52	150.68	150.81	150.93	151.01
22	149.80	150.04	150.18	150.27	150.47	150.53	150.45	150.52	150.69	150.82	150.94	151.09
23	149.81	150.03	150.23	150.34	150.43	150.57	150.50	150.56	150.72	150.82	150.94	151.14
24	149.88	149.98	150.22	150.38	150.46	150.50	150.52	150.55	150.73	150.81	150.96	151.13
25	149.86	149.99	150.16	150.38	150.53	150.45	150.49	150.51	150.73	150.82	150.96	151.12
26	149.80	149.94	150.18	150.35	150.48	150.42	150.41	150.52	150.71	150.82	150.93	151.12
27	149.88	150.05	150.17	150.28	150.39	150.51	150.50	150.55	150.71	150.81	150.92	151.11
28	149.89	150.14	150.12	150.33	150.35	150.47	150.48	150.52	150.73	150.82	150.94	151.14
29	149.85	150.18	150.17	150.42	---	150.52	150.55	150.52	150.74	150.83	150.97	151.17
30	149.86	149.98	150.30	150.45	---	150.62	150.56	150.50	150.74	150.83	150.98	151.17
31	149.87	---	150.28	150.47	---	150.64	---	150.54	---	150.83	150.98	---

WATER YEAR 1991 PERIOD OF RECORD HIGHEST 149.53 OCT. 02, 1991 LOWEST 151.19 SEPT. 19, 22, 23, 30, 1991  
HIGHEST 148.05 AUG. 14, 1989 LOWEST 151.19 SEPT. 19, 22, 23, 30, 1991  
RECORD AVAILABLE AUG. 10, 1988 TO SEP. 30, 1991

GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

LIBERTY COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
SB-60-64-301	300641095003101 .....			137
SB-60-64-303	300720095005201 .....			137
SB-61-57-506	300242094565701 .....			137

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

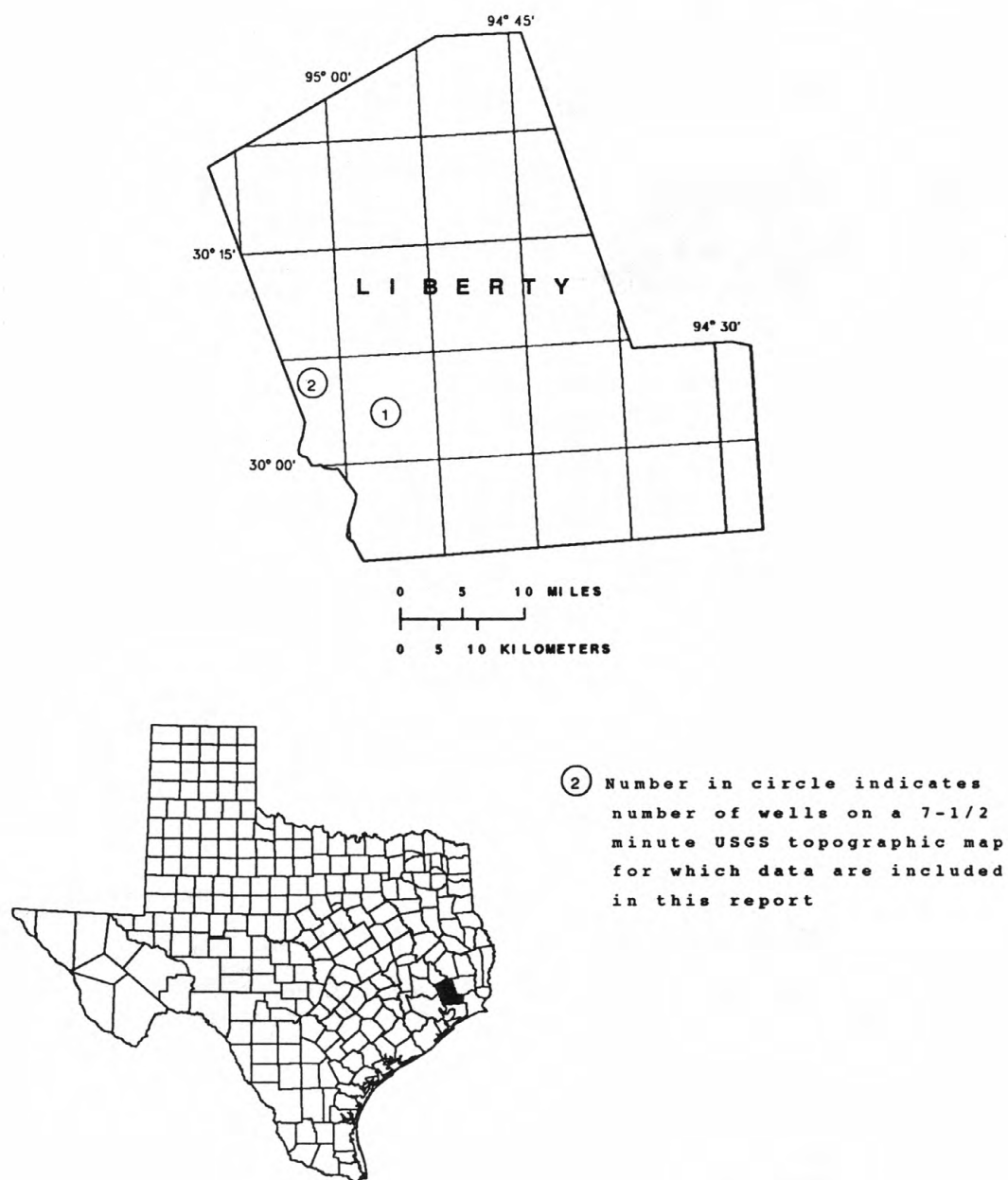


Figure 38.--Liberty County map.

WATER LEVELS, LIBERTY COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

137

SITE NUMBER: 300641095003101  
LOCAL WELL NUMBER: SB-60-64-301

STOESSER FARM IRRIGATION WELL LOCATED ON A PRIVATE UNNAMED ROAD, 4.5 MILES NORTH OF FARM TO MARKET ROAD 1960 AND 5 MILES WEST OF THE INTERSECTION OF FARM TO MARKET ROAD 686 AND HIGHWAY 321 IN DAYTON, TEXAS. DEPTH OF WELL 1,006 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 82 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 22 79.43 S

PERIOD OF RECORD    HIGHEST 46.17 APR 03, 1950    LOWEST 107.27 OCT 05, 1967  
RECORD AVAILABLE FROM MAR 17, 1949 TO JAN 22, 1991    52 ENTRIES

SITE NUMBER: 300720095005201  
LOCAL WELL NUMBER: SB-60-64-303

STOESSER FARM IRRIGATION WELL LOCATED ON A PRIVATE UNNAMED ROAD, 5.3 MILES NORTH OF FARM TO MARKET ROAD 1960 AND 5 MILES WEST OF THE INTERSECTION OF FARM TO MARKET ROAD 686 AND HIGHWAY 321 IN DAYTON, TEXAS. DEPTH OF WELL 580 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 203 TO 570 FEET IN THE CHICOT AND EVANGELINE AQUIFERS. ALTITUDE OF LAND-SURFACE DATUM 84 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 22 73.36 S

PERIOD OF RECORD    HIGHEST 68.00 FEB 03, 1986    LOWEST 103.86 OCT 05, 1967  
RECORD AVAILABLE FROM MAR 13, 1967 TO JAN 22, 1991    23 ENTRIES

SITE NUMBER: 300242094565701  
LOCAL WELL NUMBER: SB-61-57-506

W.B. MOREAU IRRIGATION WELL LOCATED ON FARM TO MARKET ROAD 1960, 3.5 MILES WEST OF DAYTON, TEXAS. DEPTH OF WELL 940 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 438 TO 904 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 78 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 17 117.88 S

PERIOD OF RECORD    HIGHEST 104.82 APR 08, 1986    LOWEST 128.43 OCT 22, 1982  
RECORD AVAILABLE FROM MAR 22, 1965 TO JAN 17, 1991    34 ENTRIES

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

MEDINA COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		HY	WL	QW			HY	WL	QW
TD-68-26-701	293004098513001 .....			143	TD-69-46-601	291943099163301 .....			143
TD-68-33-202	292831098573101 .....			143	TD-69-47-301	292135099093601 .....			143
TD-68-33-604	292519099531701 .....		141		TD-69-47-302	292209099054801 .....		142	
TD-68-41-301	292117098524701 .....	140	141		TD-69-47-306	292045099081801 .....		142	
TD-68-41-303	292126098523201 .....			143	TD-69-48-102	292110099054501 .....		142	
TD-69-29-901	293023099232401 .....			143	TD-69-54-401	291113099201701 .....			143
TD-69-38-601	292618099165901 .....			141					

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

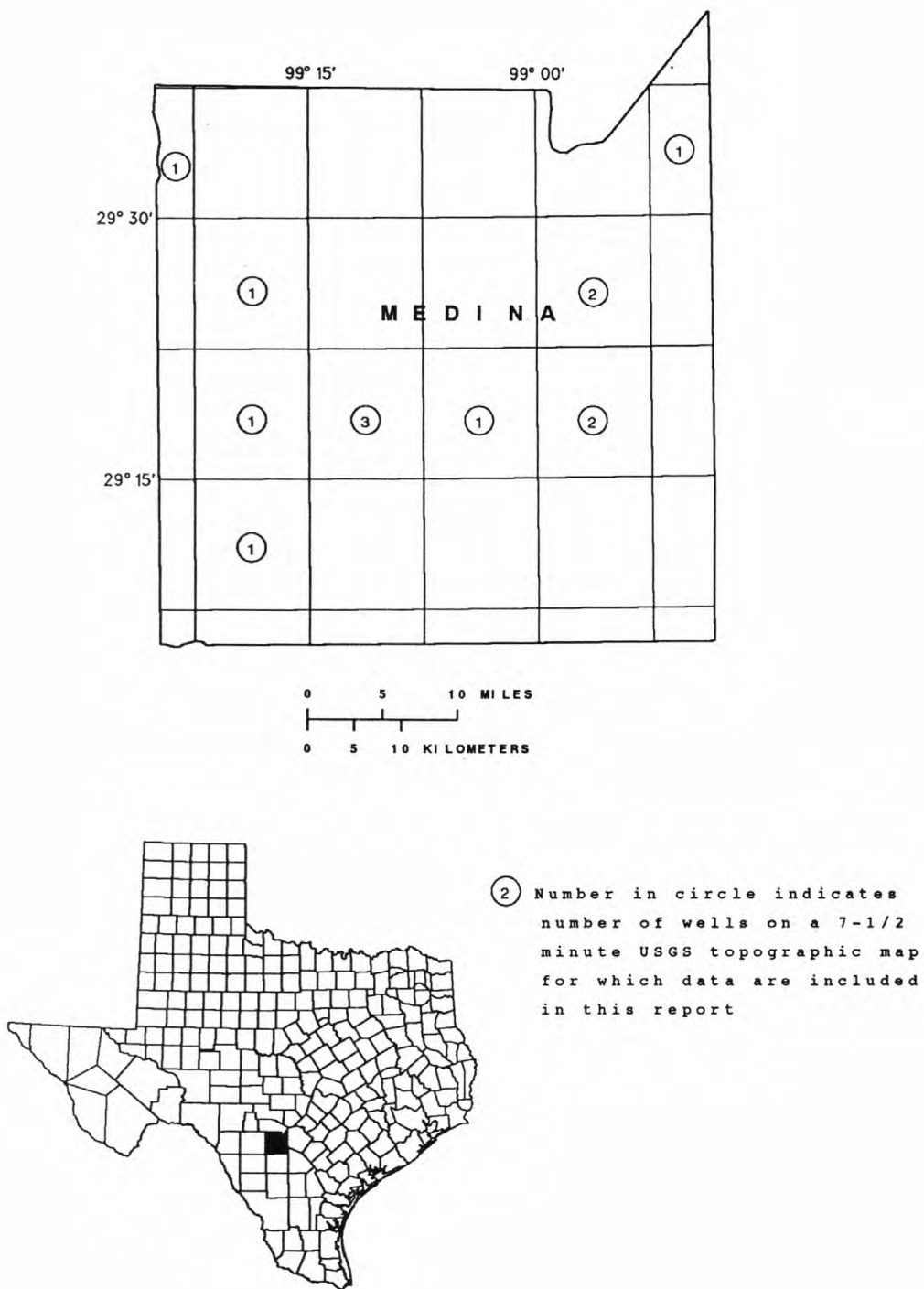


Figure 39.--Medina County map.



## Medina County

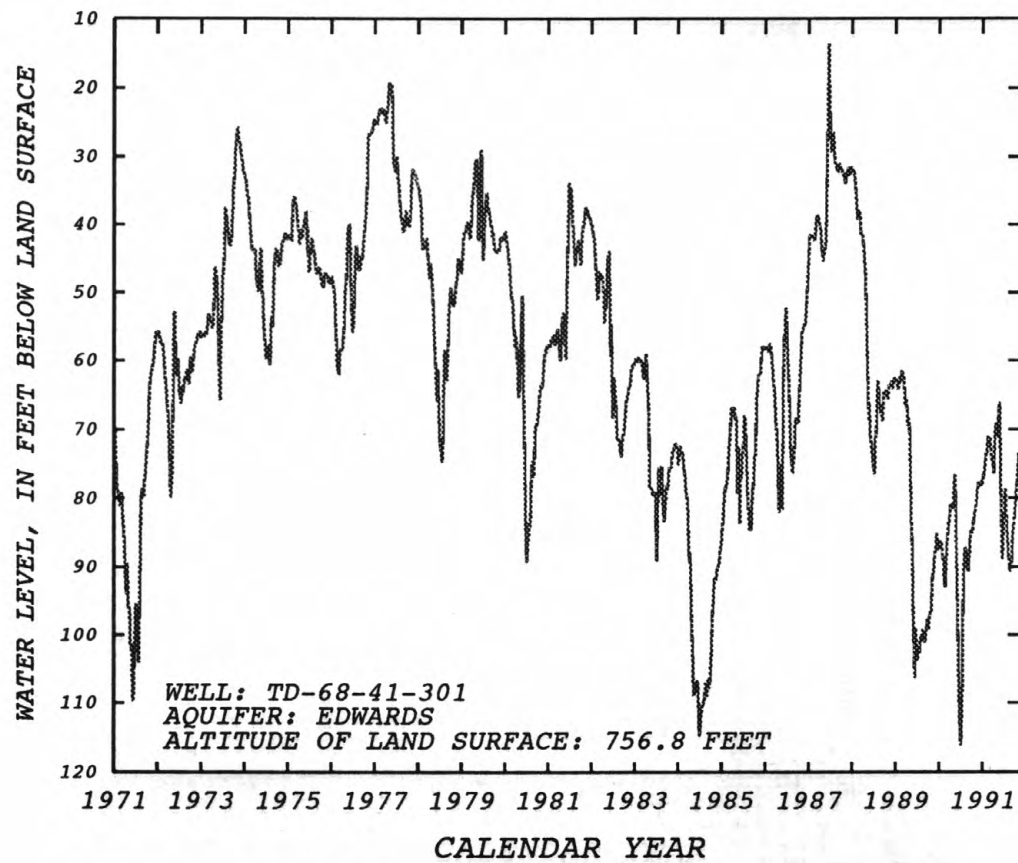


Figure 40.--Hydrograph for well TD-68-41-301.

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 292519099531701  
LOCAL WELL NUMBER: TD-68-33-604

LOCATED ALONG FARM ROAD 471, 0.6 MILE SOUTH OF INTERSECTION OF FARM ROAD 471 AND FARM ROAD 1957. DOMESTIC WELL. DEPTH OF WELL 641 FEET. DIAMETER OF CASING 6 INCHES FROM 0 TO 58 FEET, OPEN FROM 58 TO 641 FEET. ALTITUDE OF LAND-SURFACE DATUM 846.00 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 13	158.50	JUN 05	174.77	JUL 31	168.08
APR 02	161.15	JUL 03	162.54	SEP 20	166.52

WATER YEAR 1991  
PERIOD OF RECORD  
HIGHEST 158.50 MAR 13, 1991  
HIGHEST 158.50 MAR 13, 1991  
LOWEST 174.77 JUN 05, 1991  
LOWEST 174.77 JUN 05, 1991  
RECORD AVAILABLE FROM MAR 13, 1991 TO SEP 20, 1991 6 ENTRIES

SITE NUMBER: 292117098524701  
LOCAL WELL NUMBER: TD-68-41-301

IN CASTROVILLE, 0.6 MILE WEST ALONG HIGHWAY 90, THEN 1.5 BLOCKS NORTH. OBSERVATION WELL. DRILLED 6 INCHES TO A DEPTH OF 710 FEET, COMPLETED OPEN HOLE FROM 0 FEET TO 710 FEET. ALTITUDE OF LAND-SURFACE DATUM 756.8 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	85.05	JAN 01	77.57	MAR 10	73.42	MAY 20	66.13	JUL 25	85.08
10	84.67	05	76.98	15	74.56	25	69.75	30	86.35
15	83.04	10	76.29	20	74.10	30	76.55	31	86.60
20	82.88	15	75.62	25	74.42	31	77.74	AUG 01	87.27
25	82.10	20	75.10	30	75.45	JUN 01	79.15	05	88.54
31	81.62	25	74.10	31	76.03	05	82.77	10	88.88
NOV 05	81.08	29	73.37	APR 04	76.43	10	86.76	15	90.22
10	79.95	FEB 01	73.73	05	75.92	14	88.83	17	90.72
15	78.92	05	72.82	10	71.60	15	88.12	20	90.37
20	78.47	10	71.63	15	70.25	20	86.82	25	89.62
25	77.75	13	71.06	20	69.52	25	83.50	30	89.60
30	77.86	15	71.43	22	69.20	30	81.55	SEP 01	88.75
DEC 05	78.25	20	71.48	25	69.47	JUL 05	79.33	05	86.63
10	77.88	25	71.34	30	70.60	10	78.65	08	85.44
15	77.75	28	71.30	MAY 05	71.18	12	79.15	20	83.37
20	77.55	MAR 01	71.20	10	68.78	15	80.11	25	81.75
25	78.23	05	71.79	15	67.07	20	83.15	30	81.12

WATER YEAR 1991  
PERIOD OF RECORD  
HIGHEST 66.13 MAY 20, 1991  
HIGHEST 13.69 JUN 20, 1987  
LOWEST 90.72 AUG 17, 1991  
LOWEST 116.05 JUN 30, 1990  
RECORD AVAILABLE FROM JAN 01, 1971 TO SEP 30, 1991 1468 ENTRIES

SITE NUMBER: 292618099165901  
LOCAL WELL NUMBER: TD-69-38-601

ON FM 1796, 9 MILES NORTH OF D'HANIS, THEN IMMEDIATELY EAST. UNUSED OBSERVATION WELL. DIAMETER OF CASING 7 INCHES. DEPTH OF WELL 538 FEET, COMPLETED OPEN HOLE FROM 74 FEET TO 538 FEET. ALTITUDE OF LAND-SURFACE DATUM 1,008.3 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	159.75	JAN 05	163.45	MAR 20	167.80	MAY 30	163.52	AUG 05	165.80
10	159.09	10	163.72	25	168.11	JUN 05	163.83	10	166.16
15	159.13	15	164.00	30	169.35	08	164.05	15	166.60
20	159.18	20	164.01	31	168.92	10	163.95	20	167.22
25	159.46	25	164.47	APR 04	168.90	13	163.61	25	167.82
31	159.61	30	164.72	05	167.65	15	163.75	30	168.09
NOV 05	159.72	31	164.95	10	167.60	20	163.72	31	168.14
10	159.94	FEB 01	165.00	15	167.33	25	163.68	SEP 05	167.76
15	160.14	05	165.05	20	167.50	30	164.00	10	168.43
20	160.32	10	165.24	25	167.54	JUL 03	163.86	14	168.62
25	160.58	15	165.55	30	167.80	05	163.93	15	166.75
30	160.90	20	165.85	MAY 01	167.85	10	164.06	20	160.89
DEC 05	161.16	24	166.67	05	165.82	15	164.32	24	159.54
10	162.04	25	166.45	10	164.82	20	164.57	25	159.60
15	161.95	28	166.35	15	164.03	25	164.83	30	159.67
20	162.35	MAR 05	166.36	20	163.67	30	165.20		
25	162.82	10	168.10	24	163.48	31	165.27		
JAN 01	163.28	15	167.55	25	163.52	AUG 01	165.36		

WATER YEAR 1991  
PERIOD OF RECORD  
HIGHEST 159.09 OCT 10, 1990  
HIGHEST 159.09 OCT 10, 1990  
LOWEST 169.35 MAR 30, 1991  
LOWEST 169.35 MAR 30, 1991  
RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991 87 ENTRIES

WATER LEVELS, MEDINA COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 292209099054801  
LOCAL WELL NUMBER: TD-69-47-302

1.8 MILES NORTHWEST OF HONDO. UNUSED WELL. DIAMETER OF CASING 5 INCHES. DEPTH OF WELL 1,410 FEET. COMPLETED OPEN HOLE. ALTITUDE OF LAND-SURFACE DATUM 956.1 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
APR 04	256.10	JUN 06	270.16	AUG 01	273.57
MAY 07	248.46	JUL 18	265.33	SEP 19	261.02
WATER YEAR 1991		HIGHEST	248.46	MAY 07, 1991	LOWEST 273.57
PERIOD OF RECORD		HIGHEST	248.46	MAY 07, 1991	LOWEST 273.57
		RECORD AVAILABLE FROM APR 04, 1991 TO SEP 19, 1991		AUG 01, 1991 AUG 01, 1991 6 ENTRIES	

SITE NUMBER: 292045099081801  
LOCAL WELL NUMBER: TD-69-47-306

ABOUT 0.3 MILE SOUTH OF THE RAILROAD TRACKS IN HONDO, TWENTY FEET SOUTH OF THE STANDPIPE. PUBLIC-SUPPLY WELL. DEPTH OF WELL 1,600 FEET, WITH 115 FEET OF OPEN INTERVAL. ALTITUDE OF LAND-SURFACE DATUM 888 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	196.50	DEC 20	189.15	FEB 20	183.20	APR 25	181.53	AUG 10	203.82
10	195.00	25	189.53	25	183.26	30	184.27	15	205.67
15	193.45	JAN 01	189.13	28	183.42	MAY 05	183.17	20	204.84
20	193.54	05	188.50	MAR 01	183.38	10	180.35	25	203.72
25	192.45	10	187.47	05	184.23	15	178.77	30	203.45
31	192.28	15	186.89	10	186.55	20	179.10	31	202.55
NOV 05	191.56	20	185.76	15	187.94	25	186.64	SEP 01	201.88
10	190.10	25	184.85	20	187.01	29	195.30	05	199.15
15	189.18	29	184.35	25	187.58	JUL 19	199.80	10	197.90
20	188.78	30	184.60	APR 04	190.54	20	200.15	15	197.24
25	188.20	FEB 01	184.93	05	188.30	25	202.24	20	194.80
30	188.56	05	183.64	10	182.92	30	202.70	25	192.59
DEC 05	188.91	10	182.53	15	181.69	31	203.70	30	191.63
10	189.07	13	182.23	20	181.27	AUG 03	206.86		
15	189.23	15	183.02	22	180.91	05	205.95		
WATER YEAR 1991		HIGHEST	178.77	MAY 15, 1991	LOWEST	206.86	AUG 03, 1991		
PERIOD OF RECORD		HIGHEST	178.77	MAY 15, 1991	LOWEST	206.86	AUG 03, 1991		
		RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991					73 ENTRIES		

SITE NUMBER: 292110099054501  
LOCAL WELL NUMBER: TD-69-48-102

ABOUT 1.75 MILES EAST OF THE INTERSECTION BETWEEN HIGHWAY 90 AND HIGHWAY 173, AND 0.1 MILE SOUTH OF HIGHWAY 90, RELATIVELY CLOSE TO A GRAVEL PIT. PRIVATELY OWNED WELL USED FOR IRRIGATION PURPOSES. DEPTH OF WELL 1,654 FEET WITH 334 FEET OF OPEN HOLE. ALTITUDE OF LAND-SURFACE DATUM 867 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 12	171.45	MAY 07	163.37	JUL 31	186.48
APR 03	170.71	JUL 18	179.14	SEP 20	176.13
WATER YEAR 1991		HIGHEST	163.37	MAY 07, 1991	LOWEST 186.48
PERIOD OF RECORD		HIGHEST	163.37	MAY 07, 1991	LOWEST 186.48
		RECORD AVAILABLE FROM MAR 12, 1991 TO SEP 20, 1991		JUL 31, 1991 JUL 31, 1991 6 ENTRIES	

## WATER QUALITY, MEDINA COUNTY

143

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
TD-68-26-701	06-05-91	1200	270	74	20	8.0	1.3	47	13	0.30
TD-68-33-202	06-25-91	0840	230	76	10	7.1	1.0	28	9.3	<0.10
TD-68-41-303	04-30-91	1015	230	69	15	8.5	1.0	14	21	0.20
TD-69-29-901	06-25-91	1130	230	84	6.1	5.2	1.0	9.9	8.6	0.10
TD-69-46-601	04-30-91	1145	230	70	14	7.4	1.0	15	14	0.10
TD-69-47-301	04-30-91	1330	230	68	15	7.2	1.1	15	14	0.20
TD-69-54-401	07-26-91	0930	230	67	15	24	1.2	14	51	0.40

LOCAL WELL NUMBER	DATE		SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
TD-68-26-701	06-05-91	12		300	1.3	<0.010	<0.010	0.20	1.10	<0.010	<1	31
TD-68-33-202	06-25-91	11		258	--	0.030	<0.010	<0.20	0.850	0.010	<1	34
TD-68-41-303	04-30-91	12		263	2.5	0.030	<0.010	0.40	2.10	0.020	<1	44
TD-69-29-901	06-25-91	12		259	--	0.030	<0.010	<0.20	1.10	<0.010	<1	30
TD-69-46-601	04-30-91	12		258	1.8	0.010	<0.010	0.20	1.60	0.020	<1	36
TD-69-47-301	04-30-91	12		259	2.1	0.020	<0.010	0.30	1.80	0.020	<1	38
TD-69-54-401	07-26-91	11		306	--	--	--	--	--	--	<1	160

LOCAL WELL NUMBER	DATE		CADMIUM, DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY, DIS- SOLVED (UG/L AS HG)
TD-68-26-701	06-05-91		<1.0	<1	5	6	<1	<1	<1.0	10	<1	0.1
TD-68-33-202	06-25-91		<1.0	<1	3	9	2	<1	<1.0	160	<1	<0.1
TD-68-41-303	04-30-91		<1.0	1	10	5	2	<1	<1.0	27	<1	0.2
TD-69-29-901	06-25-91		<1.0	<1	4	7	3	1	<1.0	500	<1	<0.1
TD-69-46-601	04-30-91		<1.0	<1	4	4	<1	<1	<1.0	21	<1	0.1
TD-69-47-301	04-30-91		<1.0	<1	2	22	1	<1	<1.0	42	<1	0.3
TD-69-54-401	07-26-91		<1.0	<1	2	51	<1	9	<1.0	62	<1	<0.1

&lt; Actual value is less than value shown.

## WATER QUALITY, MEDINA COUNTY--Continued

## ORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	PER-THANE TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	LINDANE TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
TD-68-26-701	06-05-91	1200	--	--	--	--	--	--	--	--
TD-68-33-202	06-25-91	0840	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
TD-68-41-303	04-30-91	1015	--	--	--	--	--	--	--	--
TD-69-29-901	06-25-91	1130	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010
TD-69-46-601	04-30-91	1145	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010

LOCAL WELL NUMBER	DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	PCB, TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)
TD-68-26-701	06-05-91	--	--	--	--	--	--	--	--	--
TD-68-33-202	06-25-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
TD-68-41-303	04-30-91	--	--	--	--	--	--	--	--	--
TD-69-29-901	06-25-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
TD-69-46-601	04-30-91	<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01

LOCAL WELL NUMBER	DATE	PARA-THION, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	2,4-D, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	MIREX, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
TD-68-26-701	06-05-91	--	--	--	--	--	--	--	--	--
TD-68-33-202	06-25-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TD-68-41-303	04-30-91	--	--	--	--	--	--	--	--	--
TD-69-29-901	06-25-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TD-69-46-601	04-30-91	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--

LOCAL WELL NUMBER	DATE	DI-CHLORO-BROMO-METHANE TOTAL (UG/L)	CARBON-TETRA-CHLORIDE TOTAL (UG/L)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L)	BROMO-FORM TOTAL (UG/L)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L)	CHLORO-FORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	CHLORO-BENZENE TOTAL (UG/L)
TD-68-26-701	06-05-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
TD-68-33-202	06-25-91	--	--	--	--	--	--	--	--	--
TD-68-41-303	04-30-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
TD-69-29-901	06-25-91	--	--	--	--	--	--	--	--	--
TD-69-46-601	04-30-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

LOCAL WELL NUMBER	DATE	CHLORO-ETHANE TOTAL (UG/L)	METHYL-BENZENE TOTAL (UG/L)	METHYL-BROMIDE TOTAL (UG/L)	METHYL-ENE CHLORO-RIDE TOTAL (UG/L)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L)
TD-68-26-701	06-05-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
TD-68-33-202	06-25-91	--	--	--	--	--	--	--	--	--
TD-68-41-303	04-30-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
TD-69-29-901	06-25-91	--	--	--	--	--	--	--	--	--
TD-69-46-601	04-30-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

LOCAL WELL NUMBER	DATE	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L)	1,1,2,2-TETRA-CHLORO-ETHANE TOTAL (UG/L)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L)	1,2-TRANS-DI-CHLORO-ETHYLENE TOTAL (UG/L)	1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L)	VINYL-CHLORIDE TOTAL (UG/L)	TRI-CHLORO-ETHYLENE TOTAL (UG/L)
TD-68-26-701	06-05-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
TD-68-33-202	06-25-91	--	--	--	--	--	--	--	--	--
TD-68-41-303	04-30-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
TD-69-29-901	06-25-91	--	--	--	--	--	--	--	--	--
TD-69-46-601	04-30-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2

&lt; Actual value is less than value shown.

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

MONTGOMERY COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
TS-60-53-608	301153095243201 .....		147	
TS-60-53-708	300811095291702 .....		147	
TS-60-53-821	300739095265601 .....		147	

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

## WATER RESOURCES DATA - TEXAS, 1991

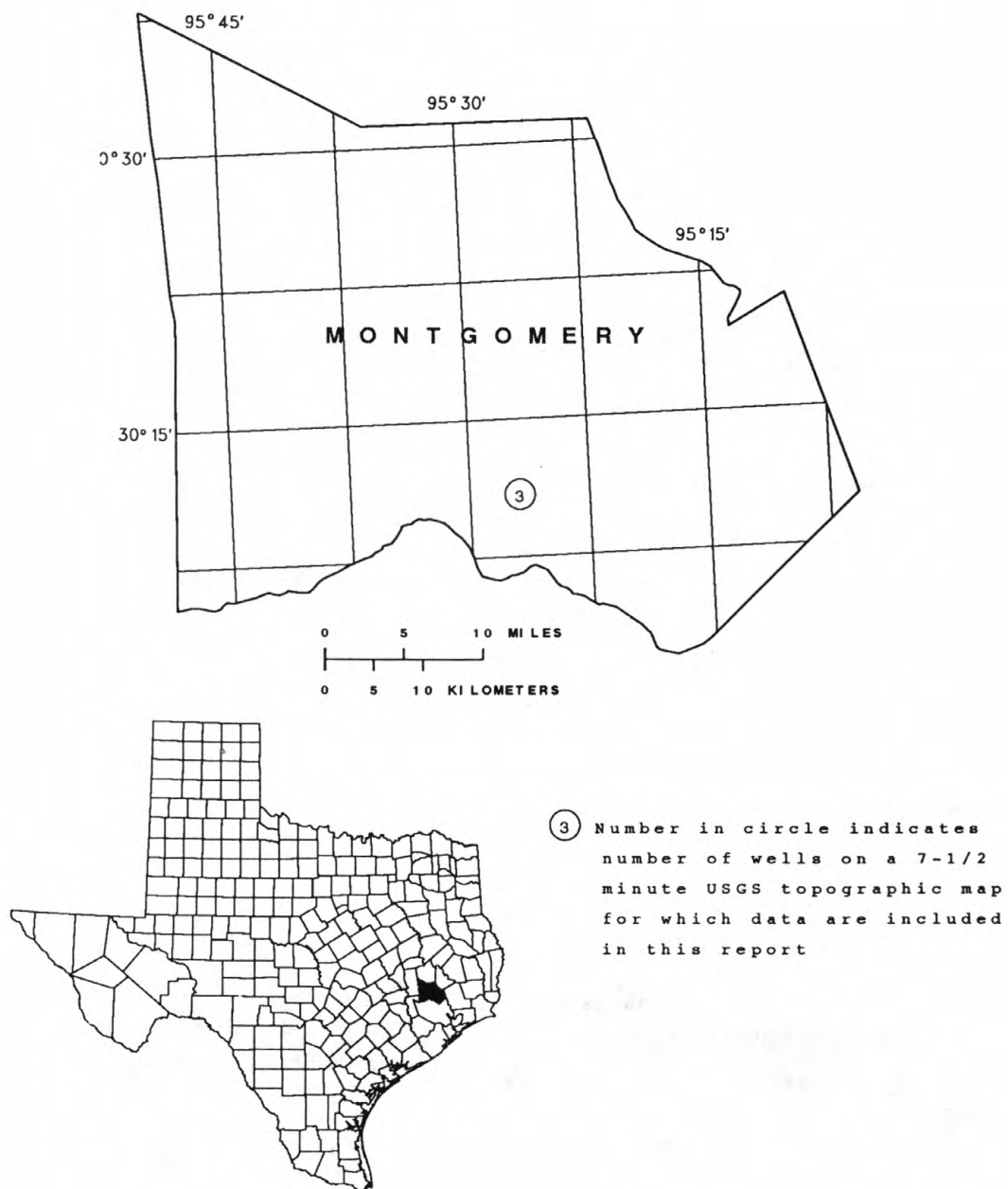


Figure 41.--Montgomery County map.



WATER LEVELS, MONTGOMERY COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

147

SITE NUMBER: 301153095243201  
LOCAL WELL NUMBER: TS-60-53-608

INDIGO CORPORATION PUBLIC SUPPLY WELL LOCATED ON THE SOUTH SIDE OF FRANKFORT STREET AND WEST OF BOWLING GREEN STREET IN THE HUNTINGTON ESTATES SUBDIVISION WHICH IS 1.7 MILES EAST OF INTERSTATE HIGHWAY 45 NEAR NEEDHAM ROAD IN MONTGOMERY COUNTY. DEPTH OF WELL 809 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVALS FROM 444 TO 790 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 115 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 16 175.28 S

PERIOD OF RECORD    HIGHEST 175.28 JAN 16, 1991    LOWEST 175.28 JAN 16, 1991  
RECORD AVAILABLE FROM JAN 16, 1991 TO JAN 16, 1991    1 ENTRIES

SITE NUMBER: 300811095291702  
LOCAL WELL NUMBER: TS-60-53-708

MONTGOMERY COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1, PUBLIC SUPPLY WELL LOCATED AT THE INTERSECTION OF FORESTGLEN DRIVE AND SPREADING OAKS DRIVE IN WOODLANDS, TEXAS. DEPTH OF WELL 1,180 FEET. DIAMETER OF UPPER CASING 10 INCHES. SCREENED INTERVALS FROM 794 TO 1,170 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 135 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 273.15 SR

PERIOD OF RECORD    HIGHEST 230.35 APR 19, 1988    LOWEST 273.15 JAN 15, 1991  
RECORD AVAILABLE FROM APR 19, 1988 TO JAN 15, 1991    4 ENTRIES

SITE NUMBER: 300739095265601  
LOCAL WELL NUMBER: TS-60-53-821

MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 19, PUBLIC SUPPLY WELL NO. 1 LOCATED 40 FEET NORTH ON BUDDE FROM SAWDUST ROAD IN MONTGOMERY COUNTY. DEPTH OF WELL 1,017 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 620 TO 1,012 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 125 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 273.28 S

PERIOD OF RECORD    HIGHEST 273.28 JAN 15, 1991    LOWEST 273.28 JAN 15, 1991  
RECORD AVAILABLE FROM JAN 15, 1991 TO JAN 15, 1991    1 ENTRIES

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

OCHILTREE COUNTY

LOCAL WELL NUMBER	SITE ID	Page
		<u>HY</u> <u>WL</u> <u>QW</u>
OCHILTREE 1	360600100582201 .....	150 151

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

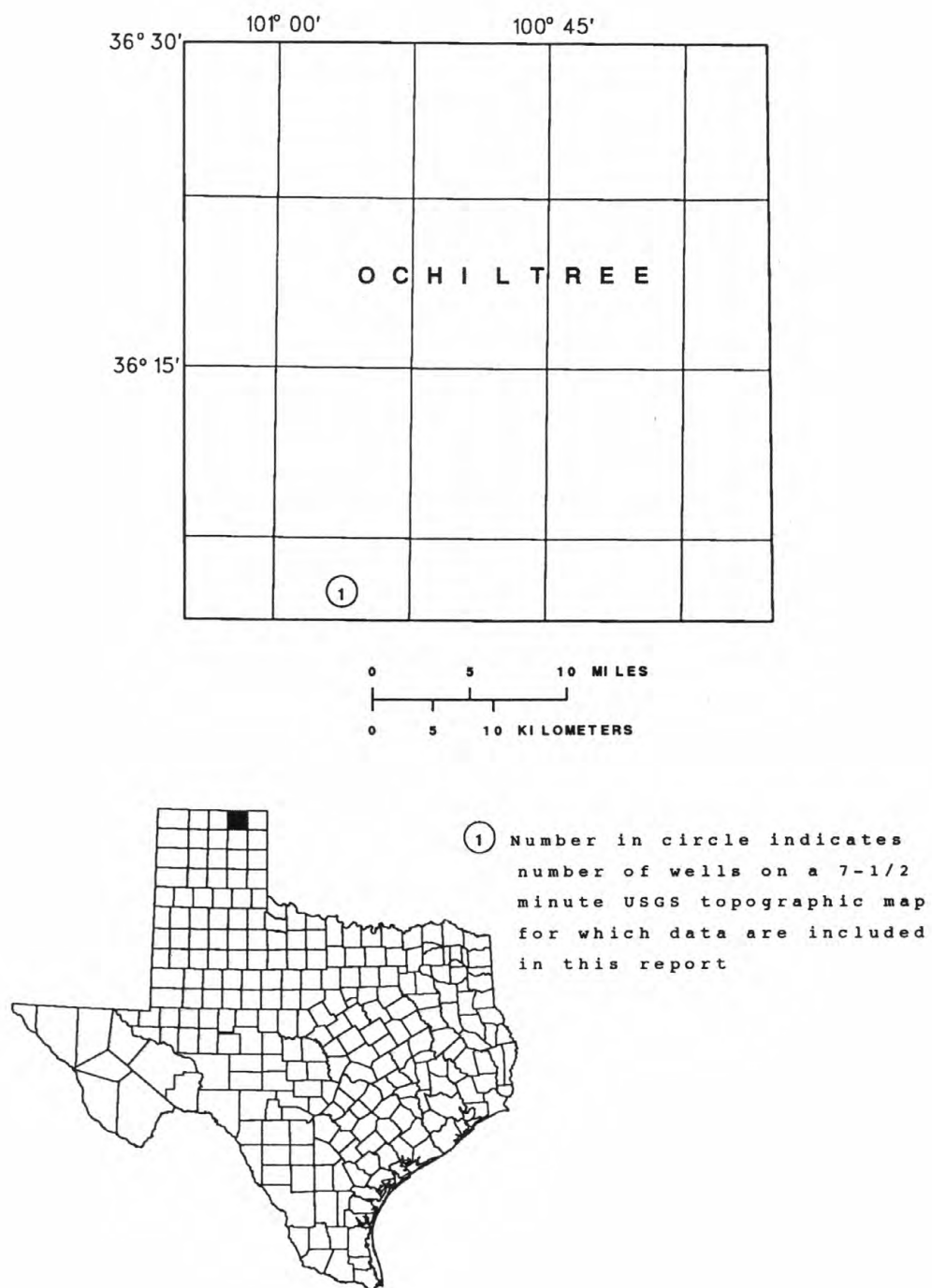


Figure 42.--Ochiltree County map.

## WATER RESOURCES DATA - TEXAS, 1991

## Ochiltree County

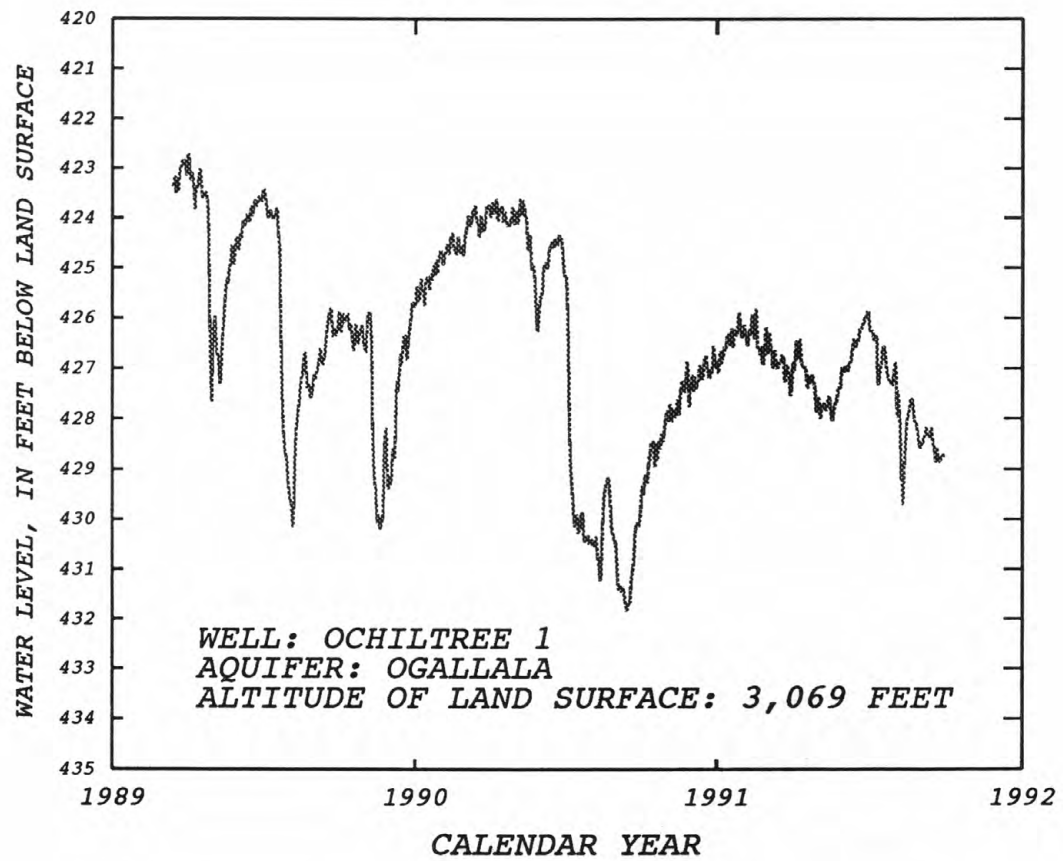


Figure 43.--Hydrograph for well Ochiltree.

## WATER LEVELS, OCHILTREE COUNTY

151

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 360600100582201

LOCAL WELL NUMBER: NO LOCAL NUMBER FOR THIS WELL

LOCATED APPROXIMATELY 8.4 MILES WEST ON HIGHWAY 281 FROM JUNCTION OF HIGHWAYS 281 AND 70 AND 14 MILES SOUTHWEST OF WAKA, TX. CASING DIAMETER 16 INCHES, DEPTH 521 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,069 FEET. OWNER: CARROLL REDWINE. OTHER IDENTIFIER: OCHILTREE 1.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	429.77	427.88	427.29	426.86	426.39	426.19	427.21	427.81	427.06	425.87	427.01	428.58
2	429.42	427.83	427.13	426.96	426.33	426.47	426.89	427.58	427.08	426.09	426.89	428.54
3	429.33	427.96	427.45	427.10	426.14	426.74	427.05	427.61	427.01	426.24	427.10	428.44
4	429.51	428.05	427.45	426.84	426.29	426.61	426.97	427.84	426.95	426.26	427.97	428.50
5	429.36	427.72	427.15	426.66	426.36	426.30	426.75	428.00	426.99	426.24	427.45	428.37
6	429.11	427.74	427.37	426.92	426.42	426.50	426.47	427.80	427.07	426.27	427.64	428.34
7	429.21	428.07	427.40	426.86	426.55	426.65	426.46	427.72	427.04	426.35	427.89	428.27
8	429.22	427.77	427.30	426.63	426.37	426.69	426.82	427.74	426.94	426.45	428.17	428.17
9	429.27	427.85	427.27	426.77	426.22	426.99	426.69	427.68	426.89	426.38	429.22	428.26
10	428.98	427.81	427.21	426.57	426.34	426.93	426.42	427.80	426.86	426.35	429.10	428.37
11	428.70	427.94	426.95	426.64	426.28	426.65	426.60	427.85	426.77	426.43	429.72	428.36
12	428.82	427.97	426.97	426.62	426.00	426.68	426.86	427.79	426.62	427.20	429.30	428.34
13	428.47	427.83	427.24	426.41	425.92	426.97	426.91	427.73	426.49	427.33	428.84	428.29
14	428.49	427.66	427.01	426.33	426.20	427.00	426.99	427.62	426.42	427.23	428.53	428.18
15	428.53	427.61	427.22	426.32	426.41	426.99	426.96	427.55	426.48	427.05	428.25	428.25
16	428.44	427.93	427.04	426.44	426.06	426.90	427.01	427.63	426.59	426.96	428.02	428.51
17	428.70	427.75	426.84	426.54	425.82	426.90	426.96	427.83	426.47	426.83	427.95	428.49
18	428.94	427.44	426.77	426.52	426.12	426.88	427.12	427.97	426.44	426.64	427.88	428.66
19	428.51	427.38	426.76	426.20	426.58	426.88	427.41	428.04	426.48	426.57	427.77	428.85
20	428.49	427.26	426.93	426.50	426.61	426.73	427.23	427.95	426.36	426.59	427.64	428.82
21	428.82	427.34	427.04	426.58	426.59	426.77	427.13	427.81	426.22	426.70	427.61	428.58
22	428.55	427.44	427.07	426.23	426.73	426.82	427.18	427.71	426.21	426.91	427.62	428.72
23	428.42	427.48	427.20	426.28	426.56	427.26	427.28	427.69	426.22	427.04	427.73	428.84
24	428.59	427.26	427.13	426.34	426.72	427.25	427.30	427.65	426.18	427.14	427.93	428.84
25	428.51	427.14	427.03	426.34	426.92	427.07	427.13	427.55	426.10	427.20	428.04	428.81
26	428.29	426.87	427.10	426.29	426.91	426.93	427.25	427.38	426.06	427.25	428.08	428.80
27	428.44	427.09	426.89	426.00	426.67	427.02	427.29	427.38	426.00	427.24	428.11	428.72
28	428.45	427.58	426.55	425.90	426.40	427.08	427.39	427.42	425.99	427.27	428.19	428.73
29	428.23	427.76	426.75	426.07	---	427.20	427.58	427.32	425.96	427.35	428.34	428.74
30	428.13	427.29	426.99	426.24	---	427.54	427.87	427.06	425.88	427.29	428.47	428.69
31	428.02	---	426.98	426.39	---	427.45	---	426.97	---	427.13	428.56	---

WATER YEAR 1991 HIGHEST 425.74 FEB. 17, 1991 LOWEST 429.90 OCT. 01, 1990  
 PERIOD OF RECORD HIGHEST 422.63 APR. 03, 1989 LOWEST 431.93 SEPT. 14, 1989  
 RECORDS AVAILABLE FROM MAR. 14, 1989 TO SEP. 30, 1991

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

ORANGE COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
UJ-61-56-901	300809094005501 .....	156			UJ-62-57-907	300220093523901 .....	158		
UJ-61-56-923	300930094012501 .....	156	161		UJ-62-58-208	300651093482201 .....	158	161	
UJ-62-49-302	301311093532101 .....	156	161		UJ-62-58-304	300503093450201 .....	159		
UJ-62-49-804	300754093553001 .....	156			UJ-62-58-324	300702093470701 .....	159		
UJ-62-49-904	300754093541101 .....	156	161		UJ-62-58-326	300702093470301 .....	159		
UJ-62-50-107	301334093510002 .....	157	161		UJ-62-58-605	300249093464501 .....	159		
UJ-62-50-807	300818093492101 .....	157			UJ-62-58-629	300302093471701 .....	159		
UJ-62-50-911	300842093451401 .....	157	161		UJ-62-58-640	300232093461401 .....	160		
UJ-62-51-707	300906093431301 .....	157			UJ-62-58-709	300115093502602 .....	160	161	
UJ-62-57-203	300517093561201 .....	157			UJ-62-58-809	300200093490301 .....	160		
UJ-62-57-401	300353093583801 .....	154	158	161	UJ-62-59-101	300623093443601 .....	160		
UJ-62-57-501	300409093570501 .....	158			UJ-62-59-123	300627093440801 .....	155	160	161
UJ-62-57-904	300148093524601 .....	158							

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

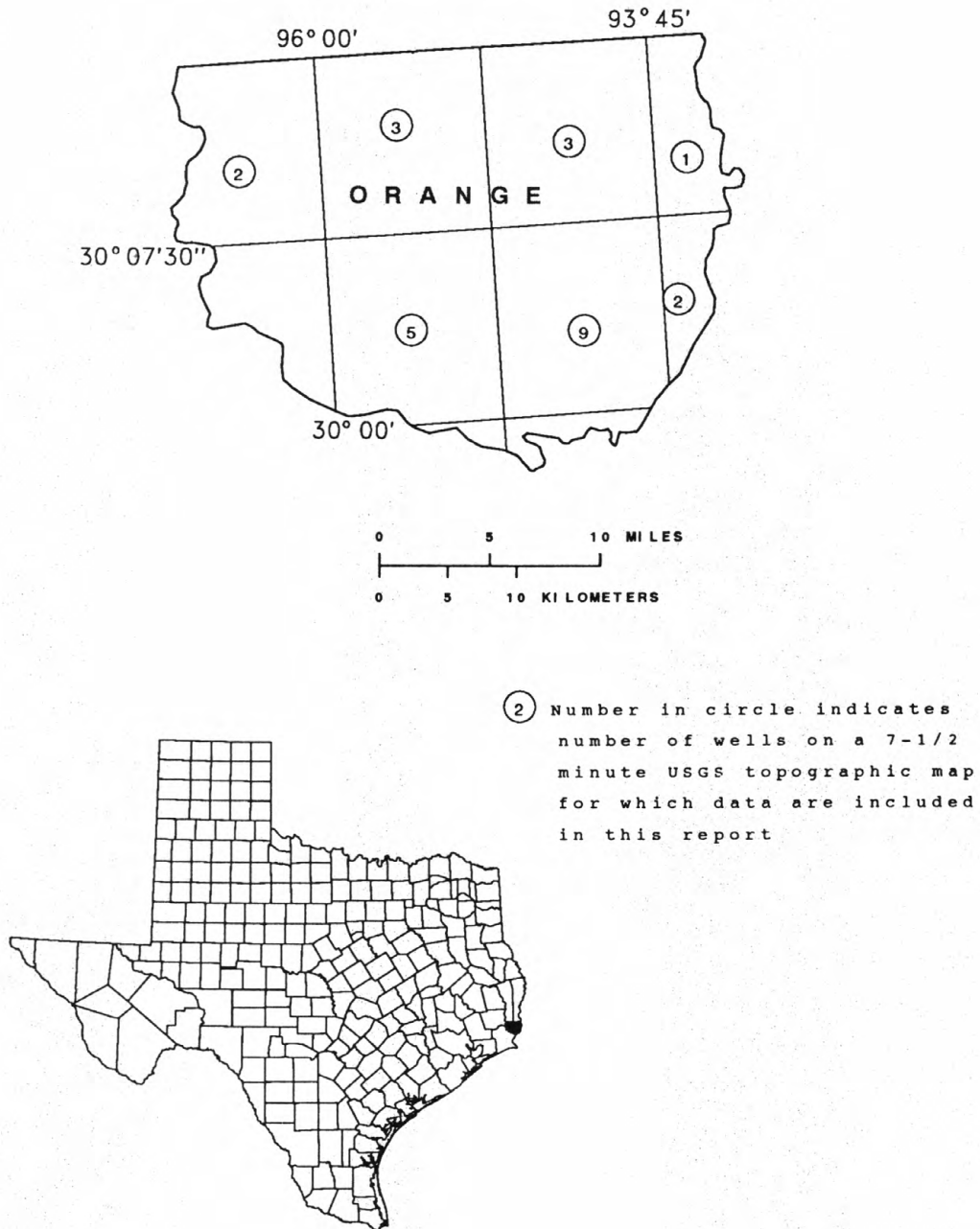


Figure 44.--Orange County map.



## Orange County

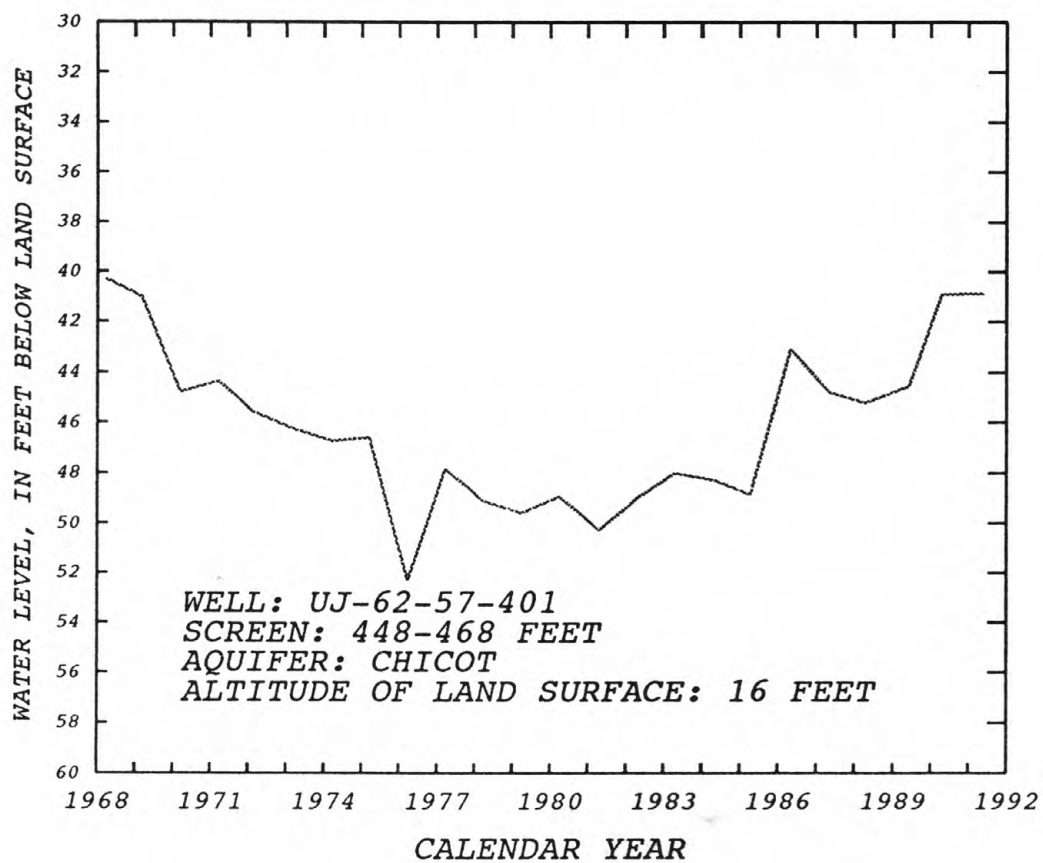


Figure 45.--Hydrograph for well UJ-62-57-401.

## Orange County

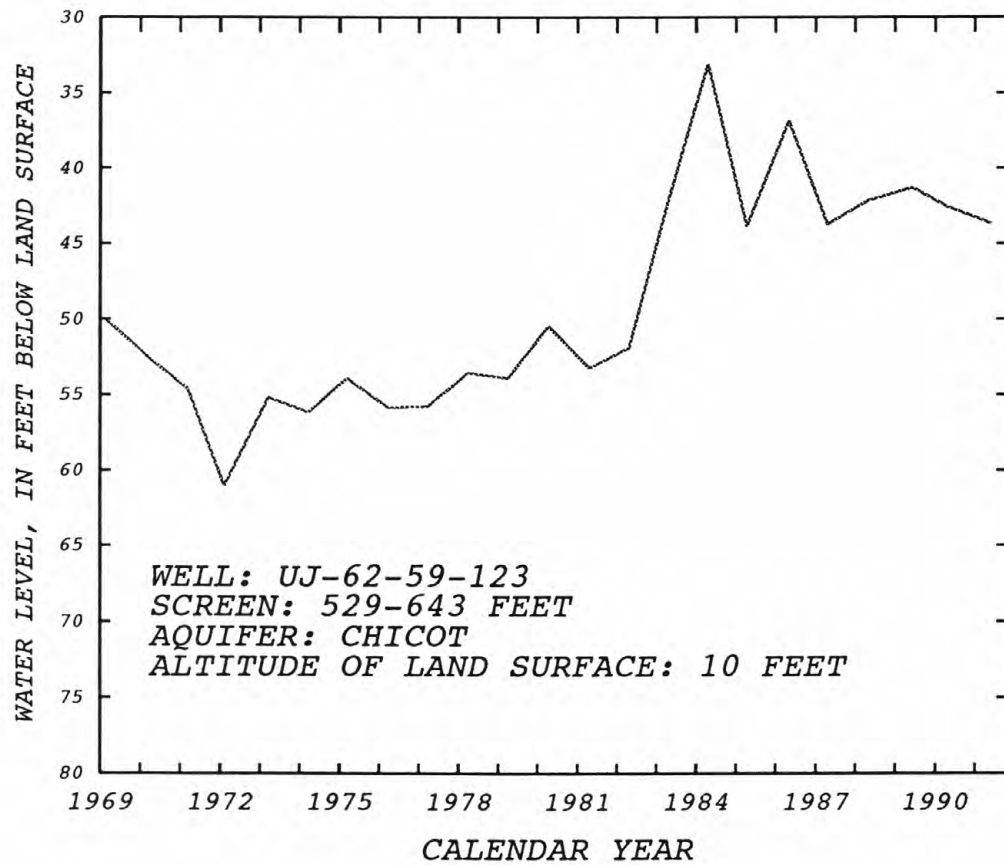


Figure 46.--Hydrograph for well UJ-62-59-123.

WATER LEVELS, ORANGE COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 300809094005501  
LOCAL WELL NUMBER: UJ-61-56-901

ORANGE COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1, PUBLIC SUPPLY WELL NO. 2 LOCATED AT 1030 NORTH MAIN IN THE CITY OF VIDOR. DEPTH OF WELL 410 FEET. DIAMETER OF UPPER CASING 10.75 INCHES. SCREENED INTERVAL FROM 350 TO 400 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 21 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 28 46.10

PERIOD OF RECORD    HIGHEST 33.42 DEC 29, 1962    LOWEST 52.13 APR 27, 1981  
RECORD AVAILABLE FROM DEC 29, 1962 TO MAY 28, 1991    26 ENTRIES

SITE NUMBER: 300930094012501  
LOCAL WELL NUMBER: UJ-61-56-923

ORANGE COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 1, TIGER LAKE PUBLIC SUPPLY WELL LOCATED IN THE WEXFORD PARK SUBDIVISION ON WATERFORD DRIVE NEXT TO A METAL STORAGE RESERVOIR IN VIDOR, TEXAS. DEPTH OF WELL 460 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVAL FROM 430 TO 460 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 16 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 28 46.40

PERIOD OF RECORD    HIGHEST 45.33 APR 18, 1990    LOWEST 46.40 MAY 28, 1991  
RECORD AVAILABLE FROM APR 18, 1990 TO MAY 28, 1991    2 ENTRIES

SITE NUMBER: 301311093532101  
LOCAL WELL NUMBER: UJ-62-49-302

MAURICEVILLE WATER SUPPLY CORPORATION PUBLIC SUPPLY WELL LOCATED ON FARM TO MARKET ROAD 2802, 1.5 MILES EAST OF STATE HIGHWAY 62. DEPTH OF WELL 350 FEET. DIAMETER OF UPPER CASING 10 INCHES. SCREENED INTERVAL FROM 320 TO 350 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 25 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 29 50.45 SR

PERIOD OF RECORD    HIGHEST 47.48 APR 27, 1984    LOWEST 50.45 MAY 29, 1991  
RECORD AVAILABLE FROM APR 27, 1984 TO MAY 29, 1991    2 ENTRIES

SITE NUMBER: 300754093553001  
LOCAL WELL NUMBER: UJ-62-49-804

T&J CORPORATION PUBLIC SUPPLY WELL IN THE PARKVIEW SUBDIVISION LOCATED 1 MILE EAST OF FARM TO MARKET ROAD 1135 ON THE NORTH SIDE OF INTERSTATE HIGHWAY 10. DEPTH OF WELL 490 FEET. DIAMETER OF UPPER CASING 6 INCHES. SCREENED INTERVAL FROM 470 TO 490 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 14 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 30 38.62

PERIOD OF RECORD    HIGHEST 38.55 APR 17, 1990    LOWEST 38.62 MAY 30, 1991  
RECORD AVAILABLE FROM APR 17, 1990 TO MAY 30, 1991    2 ENTRIES

SITE NUMBER: 300754093541101  
LOCAL WELL NUMBER: UJ-62-49-904

TEXAS HIGHWAY DEPARTMENT PUBLIC SUPPLY WELL LOCATED AT REST STOP ON THE NORTH SIDE OF INTERSTATE HIGHWAY 10, 2.5 MILES EAST OF FARM TO MARKET ROAD 1135. DEPTH OF WELL 415 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 399 TO 415 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 16 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 30 37.75

PERIOD OF RECORD    HIGHEST 36.22 MAR 28, 1968    LOWEST 44.78 APR 24, 1981  
RECORD AVAILABLE FROM OCT 25, 1967 TO MAY 30, 1991    22 ENTRIES

WATER LEVELS, ORANGE COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

157

SITE NUMBER: 301334093510002  
LOCAL WELL NUMBER: UJ-62-50-107

MAURICEVILLE WATER SUPPLY CORPORATION PUBLIC SUPPLY WELL NO. 4 LOCATED ON NORTH BILBO ROAD, 1,320 FEET NORTH OF STATE HIGHWAY 12. DEPTH OF WELL 730 FEET. DIAMETER OF UPPER CASING 10.75 INCHES. SCREENED INTERVAL FROM 680 TO 730 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 26 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 29 38.50 SR

PERIOD OF RECORD    HIGHEST    38.    APR 28, 1990    LOWEST    38.50    MAY 29, 1991  
RECORD AVAILABLE FROM APR 28, 1990 TO MAY 29, 1991    2 ENTRIES

SITE NUMBER: 300818093492101  
LOCAL WELL NUMBER: UJ-62-50-807

HENRY L. WILSON DOMESTIC WELL LOCATED 200 FEET WEST OF HIGHWAY 62 AND 1,750 FEET FROM THE INTERSECTION OF HIGHWAY 1078. DEPTH OF WELL 454 FEET. DIAMETER OF UPPER CASING 4 INCHES. SCREENED INTERVAL FROM 442 TO 454 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 20 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 29 42.86

PERIOD OF RECORD    HIGHEST    42.52    MAY 31, 1989    LOWEST    51.52    APR 30, 1982  
RECORD AVAILABLE FROM JUN 30, 1972 TO MAY 29, 1991    20 ENTRIES

SITE NUMBER: 300842093451401  
LOCAL WELL NUMBER: UJ-62-50-911

CITY OF ORANGE PUBLIC SUPPLY WELL NO. 9 LOCATED ON MEEKS DRIVE, 1,056 FEET EAST OF FARM TO MARKET ROAD 1130. DEPTH OF WELL 629 FEET. DIAMETER OF UPPER CASING 18 INCHES. SCREENED INTERVALS FROM 454 TO 618 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 12 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 31 42.53

PERIOD OF RECORD    HIGHEST    40.56    APR 21, 1987    LOWEST    45.65    APR 19, 1983  
RECORD AVAILABLE FROM APR 19, 1983 TO MAY 31, 1991    6 ENTRIES

SITE NUMBER: 300906093431301  
LOCAL WELL NUMBER: UJ-62-51-707

J.M. HUBER CORPORATION ECHO PLANT INDUSTRIAL WELL LOCATED NEAR RAILROAD TRACKS ON FARM TO MARKET ROAD 736, 4,224 FEET FROM THE INTERSECTION OF FARM TO MARKET ROAD 3247. DEPTH OF WELL 502 FEET. DIAMETER OF UPPER CASING 10 INCHES. SCREENED INTERVAL FROM 428 TO 488 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 12 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 03 42.60 SR

PERIOD OF RECORD    HIGHEST    34.64    OCT 12, 1962    LOWEST    55.51    SEP 21, 1972  
RECORD AVAILABLE FROM OCT 12, 1962 TO JUN 03, 1991    28 ENTRIES

SITE NUMBER: 300517093561201  
LOCAL WELL NUMBER: UJ-62-57-203

JOE HEINEN DOMESTIC WELL LOCATED ON WEST SIDE OF FARM TO MARKET ROAD 1135, 1.1 MILES NORTH OF THE INTERSECTION OF STATE HIGHWAY 105 SOUTH. DEPTH OF WELL 740 FEET. DIAMETER OF UPPER CASING 8 INCHES. WELL IS OPEN END AT 740 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND SURFACE-DATUM 18 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 30 42.10

PERIOD OF RECORD    HIGHEST    2.90    FEB 17, 1941    LOWEST    49.92    APR 21, 1981  
RECORD AVAILABLE FROM FEB 17, 1941 TO MAY 30, 1991    26 ENTRIES

WATER LEVELS, ORANGE COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 300353093583801  
LOCAL WELL NUMBER: UJ-62-57-401

TEXAS EASTERN GAS PIPELINE COMPANY INDUSTRIAL WELL LOCATED 900 FEET FROM STATE HIGHWAY 105 SOUTH ON MANSFIELD FERRY ROAD. DEPTH OF WELL 481 FEET. DIAMETER OF UPPER CASING 8.62 INCHES. SCREENED INTERVAL FROM 448 TO 468 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 16 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 30 40.87

PERIOD OF RECORD    HIGHEST 24. 1956    LOWEST 52.30 MAR 24, 1976  
RECORD AVAILABLE FROM 1956 TO MAY 30, 1991    26 ENTRIES

SITE NUMBER: 300409093570501  
LOCAL WELL NUMBER: UJ-62-57-501

FLORIDA GAS TRANSMISSION COMPANY PUBLIC SUPPLY WELL LOCATED 1 MILE WEST OF FARM TO MARKET ROAD 1135 ON STATE HIGHWAY 105 SOUTH. DEPTH OF WELL 445 FEET. DIAMETER OF UPPER CASING 8.62 INCHES. SCREENED INTERVAL FROM 405 TO 435 FEET IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 16 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 30 38.58

PERIOD OF RECORD    HIGHEST 12.04 APR 20, 1990    LOWEST 47.30 APR 20, 1981  
RECORD AVAILABLE FROM 1958 TO MAY 30, 1991    27 ENTRIES

SITE NUMBER: 300148093524601  
LOCAL WELL NUMBER: UJ-62-57-904

GULF STATES UTILITIES SABINE INDUSTRIAL WELL NO. 4 LOCATED 2.6 MILES WEST OF STATE HIGHWAY 87 ON SOUTH SIDE OF FARM TO MARKET ROAD 1442. DEPTH OF WELL 458 FEET. DIAMETER OF UPPER CASING 10 INCHES. SCREENED INTERVAL FROM 432 TO 455 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 04 92.49

PERIOD OF RECORD    HIGHEST 77.5 MAR 08, 1968    LOWEST 107.61 MAR 31, 1977  
RECORD AVAILABLE FROM MAR 08, 1968 TO JUN 04, 1991    18 ENTRIES

SITE NUMBER: 300220093523901  
LOCAL WELL NUMBER: UJ-62-57-907

GULF STATES UTILITIES SABINE INDUSTRIAL WELL NO. 7 LOCATED 2.6 MILES FROM STATE HIGHWAY 87 ON FARM TO MARKET ROAD 1442 INSIDE MAIN GATE. DEPTH OF WELL 664 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVAL FROM 604 TO 654 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 04 37.71

PERIOD OF RECORD    HIGHEST 34.0 MAR 08, 1968    LOWEST 46.76 MAY 13, 1987  
RECORD AVAILABLE FROM SEP 29, 1965 TO JUN 04, 1991    20 ENTRIES

SITE NUMBER: 300651093482201  
LOCAL WELL NUMBER: UJ-62-58-208

J.M. HUBER CORPORATION INDUSTRIAL WELL NO. 2 LOCATED AT 6522 INTERSTATE HIGHWAY 10 IN THE CITY OF WEST ORANGE. DEPTH OF WELL 557 FEET. DIAMETER OF UPPER CASING 8 INCHES. SCREENED INTERVAL FROM 509 TO 539 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 14 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 11 43.01 SR

PERIOD OF RECORD    HIGHEST 43.01 JUN 11, 1991    LOWEST 50. JUL 01, 1989  
RECORD AVAILABLE FROM JUL 01, 1989 TO JUN 11, 1991    2 ENTRIES

WATER LEVELS, ORANGE COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

159

SITE NUMBER: 300503093450201  
LOCAL WELL NUMBER: UJ-62-58-304

ORANGE COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 2, PUBLIC SUPPLY WELL NO. 1 LOCATED BETWEEN AUSTIN AND WESTERN AVENUE IN THE CITY OF WEST ORANGE. DEPTH OF WELL 719 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVAL FROM 626 TO 706 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 31 47.38

PERIOD OF RECORD HIGHEST 27. AUG 26, 1954 LOWEST 62.57 FEB 09, 1972  
RECORD AVAILABLE FROM AUG 26, 1954 TO MAY 31, 1991 25 ENTRIES

SITE NUMBER: 300702093470701  
LOCAL WELL NUMBER: UJ-62-58-324

CITY OF PINEHURST PUBLIC SUPPLY WELL NO. 1 LOCATED AT 2650 41ST STREET. DEPTH OF WELL 460 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVAL FROM 365 TO 445 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 14 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 31 52.70

PERIOD OF RECORD HIGHEST 40. JUN 11, 1964 LOWEST 59.04 FEB 09, 1972  
RECORD AVAILABLE FROM JUN 11, 1964 TO MAY 31, 1991 25 ENTRIES

SITE NUMBER: 300702093470301  
LOCAL WELL NUMBER: UJ-62-58-326

CITY OF PINEHURST PUBLIC SUPPLY WELL NO. 2 LOCATED AT 2746 MARTIN LUTHER KING DRIVE. DEPTH OF WELL 600 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVAL FROM 530 TO 600 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 14 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 31 45.17

PERIOD OF RECORD HIGHEST 45.10 APR 24, 1990 LOWEST 45.17 MAY 31, 1991  
RECORD AVAILABLE FROM APR 24, 1990 TO MAY 31, 1991 2 ENTRIES

SITE NUMBER: 300249093464501  
LOCAL WELL NUMBER: UJ-62-58-605

CHEVRON CHEMICAL COMPANY INDUSTRIAL WELL NO. 4 LOCATED ON SOUTH SIDE OF FARM TO MARKET ROAD 1006 AND 2,000 FEET WEST OF STATE HIGHWAY 105 SOUTH. DEPTH OF WELL 717 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 604 TO 717 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 7 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 05 48.80

PERIOD OF RECORD HIGHEST 29. 1959 LOWEST 63.13 MAR 23, 1976  
RECORD AVAILABLE FROM 1959 TO JUN 05, 1991 14 ENTRIES

SITE NUMBER: 300302093471701  
LOCAL WELL NUMBER: UJ-62-58-629

FIRESTONE PETROCHEMICAL INDUSTRIAL WELL NO. P-821 LOCATED ON SOUTH SIDE OF FARM TO MARKET ROAD 1006 AND 1.1 MILES EAST OF STATE HIGHWAY 87. DEPTH OF WELL 700 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 595 TO 680 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 5 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 04 44.82

PERIOD OF RECORD HIGHEST 31. 1960 LOWEST 44.82 JUN 04, 1991  
RECORD AVAILABLE FROM 1960 TO JUN 04, 1991 3 ENTRIES



WATER LEVELS, ORANGE COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 300232093461401  
LOCAL WELL NUMBER: UJ-62-58-640

POLYSAR GULF COAST INCORPORATED INDUSTRIAL WELL NO. 5 LOCATED ON THE SOUTH SIDE OF FARM TO MARKET ROAD 1006 AND 1,200 FEET EAST OF FARM TO MARKET ROAD 105 SOUTH. DEPTH OF WELL 723 FEET. DIAMETER OF UPPER CASING 16 INCHES. SCREENED INTERVALS FROM 612 TO 718 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 5 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 06 45.99

PERIOD OF RECORD    HIGHEST 43.60 APR 25, 1990    LOWEST 60.16 MAR 25, 1977  
RECORD AVAILABLE FROM JUL 23, 1970 TO JUN 06, 1991    9 ENTRIES

SITE NUMBER: 300115093502602  
LOCAL WELL NUMBER: UJ-62-58-709

CITY OF BRIDGE CITY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3, PUBLIC SUPPLY WELL NO. 4 LOCATED AT 260 RACHAL. DEPTH OF WELL 708 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 617 TO 698 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 05 40.94

PERIOD OF RECORD    HIGHEST 40.80 APR 25, 1990    LOWEST 45.75 APR 10, 1985  
RECORD AVAILABLE FROM APR 10, 1985 TO JUN 05, 1991    7 ENTRIES

SITE NUMBER: 300200093490301  
LOCAL WELL NUMBER: UJ-62-58-809

CITY OF BRIDGE CITY WATER CONTROL AND IMPROVEMENT DISTRICT PUBLIC SUPPLY WELL NO. 3 LOCATED 80 FEET NORTH OF FARM TO MARKET ROAD 1442, AND 1 MILE EAST OF STATE HIGHWAY 87. DEPTH OF WELL 652 FEET. DIAMETER OF UPPER CASING 14 INCHES. SCREENED INTERVALS FROM 570 TO 650 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 7 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JUN 05 41.09

PERIOD OF RECORD    HIGHEST 38.    MAR 19, 1965    LOWEST 50.54 MAR 27, 1979  
RECORD AVAILABLE FROM MAR 19, 1965 TO JUN 05, 1991    16 ENTRIES

SITE NUMBER: 300623093443601  
LOCAL WELL NUMBER: UJ-62-59-101

CITY OF ORANGE PUBLIC SUPPLY WELL NO. 7 LOCATED ON LINK AVENUE BETWEEN SOUTHERN PACIFIC RAILROAD TRACKS AND 14TH STREET. DEPTH OF WELL 666 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 555 TO 666 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 31 47.37

PERIOD OF RECORD    HIGHEST 33.    1958    LOWEST 65.70 MAR 30, 1979  
RECORD AVAILABLE FROM 1958 TO MAY 31, 1991    21 ENTRIES

SITE NUMBER: 300627093440801  
LOCAL WELL NUMBER: UJ-62-59-123

CITY OF ORANGE PUBLIC SUPPLY WELL NO. 9 LOCATED AT 6TH STREET AND MOREELL. DEPTH OF WELL 650 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 529 TO 643 FEET IN THE LOWER CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 10 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

MAY 31 43.68

PERIOD OF RECORD    HIGHEST 33.07 APR 18, 1984    LOWEST 82.    MAR 20, 1968  
RECORD AVAILABLE FROM APR 01, 1966 TO MAY 31, 1991    25 ENTRIES



## WATER QUALITY, ORANGE COUNTY

161

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	ALKA- LINITY WAT DIS FIX END FIELD CAC03 (MG/L)	HARD- NESS TOTAL (MG/L AS CAC03)
UJ-61-56-923	11-27-90	1217	460.00	475	7.7	22.0	--	--
UJ-62-49-302	11-28-90	1325	350.00	174	6.5	21.0	--	--
UJ-62-49-904	11-29-90	1302	415.00	232	6.9	21.5	--	--
UJ-62-50-107	11-29-90	0946	730.00	502	7.1	23.0	--	--
UJ-62-50-911	11-30-90	1102	629.00	809	7.1	23.5	--	--
UJ-62-57-401	12-03-90	1540	481.00	499	8.4	20.5	--	--
UJ-62-58-208	12-12-90	1210	557.00	284	7.4	23.5	--	--
UJ-62-58-709	12-06-90	1259	708.00	1180	7.5	24.5	--	--
UJ-62-59-123	11-30-90	0937	650.00	426	7.4	23.5	--	--

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

SWISHER COUNTY

LOCAL WELL NUMBER	SITE ID	Page
		<u>HY</u> <u>WL</u> <u>QW</u>
XT-11-42-315	342116101452901 .....	164 165

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

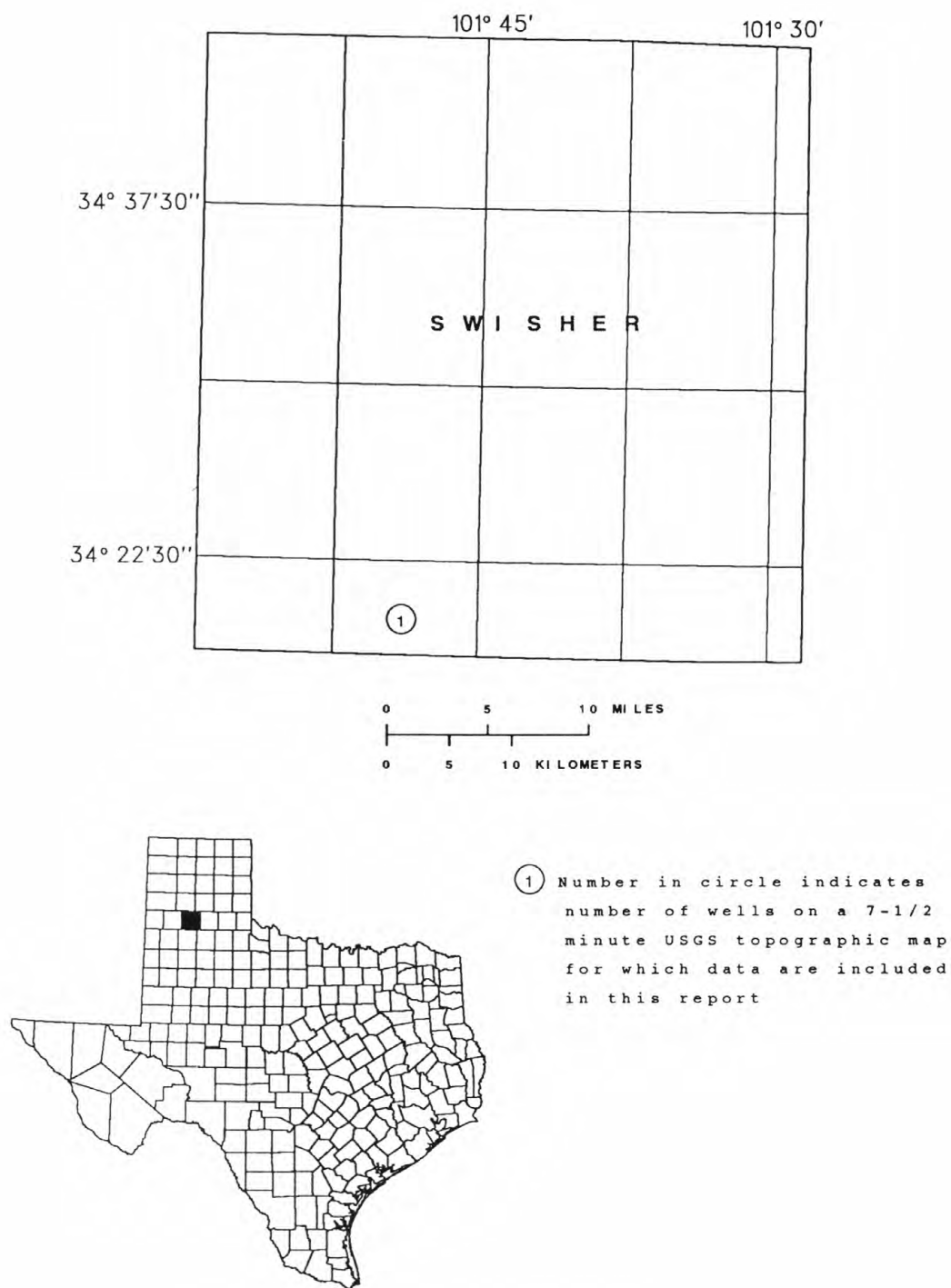


Figure 47.--Swisher County map.

## Swisher County

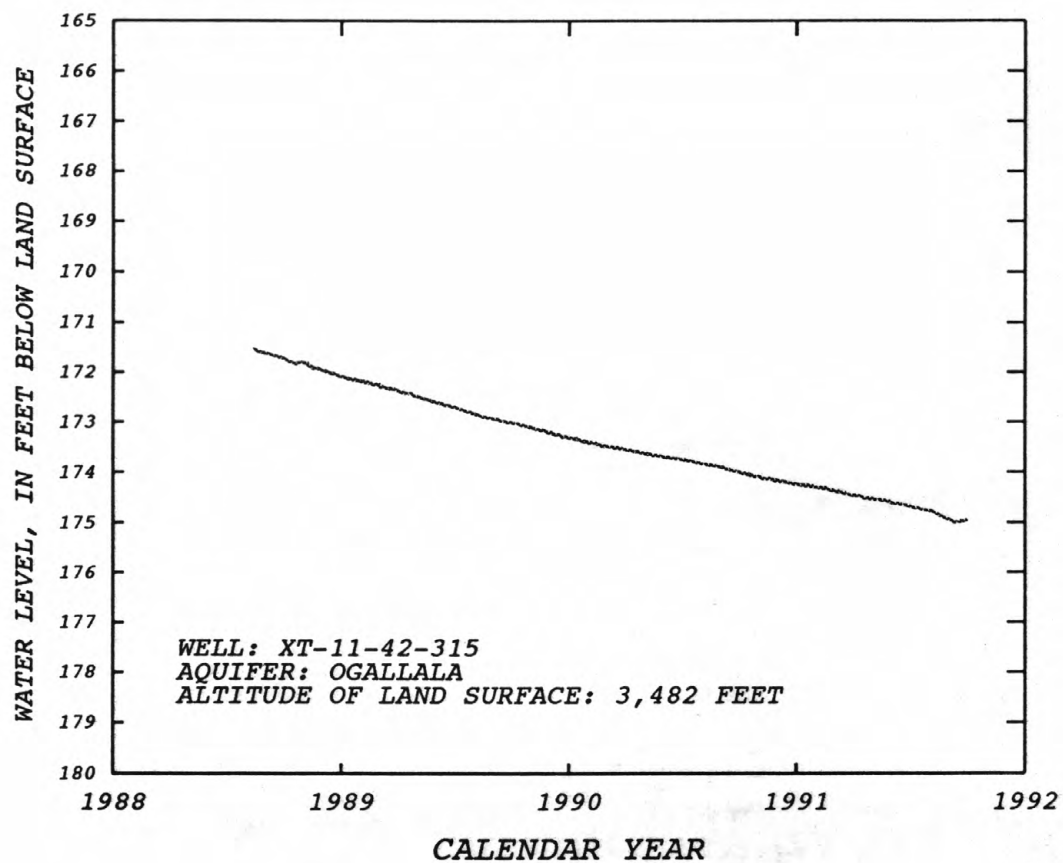


Figure 48.--Hydrograph for well XT-11-42-315.

## WATER LEVELS, SWISHER COUNTY

165

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 342116101452901  
LOCAL WELL NUMBER: XT-11-42-315.

LOCATED APPROXIMATELY 1 MILE SOUTH AND 0.2 MILE WEST ON WEST ACCESS ROAD OF I-27 FROM KRESS, TX. CASING DIAMETER: 12 INCHES. DEPTH 232 FEET. ALTITUDE OF LAND-SURFACE DATUM 3,482 FEET. OWNER: CLINT ROBISON. OTHER IDENTIFIER: SWISHER 1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (MEAN VALUES)  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	173.98	174.08	174.17	174.23	174.30	174.36	e174.46	174.53	174.61	174.67	174.76	174.93
2	173.98	174.08	174.16	174.24	174.29	174.38	e174.46	174.51	174.61	174.68	174.76	174.95
3	174.00	174.10	174.20	174.23	174.28	174.38	e174.46	174.53	174.61	174.68	174.77	174.95
4	174.01	174.10	174.17	174.22	174.30	174.37	174.46	174.54	174.62	174.68	174.77	174.96
5	174.01	174.08	174.15	174.24	174.29	174.36	e174.46	174.55	174.62	174.69	174.77	174.96
6	174.01	174.12	174.20	174.26	174.31	174.39	e174.46	174.53	174.62	174.69	174.78	174.97
7	174.02	174.11	174.18	174.24	174.31	174.39	e174.46	174.53	174.62	174.70	174.78	174.97
8	174.03	174.10	174.18	174.25	174.29	174.39	e174.46	174.54	174.62	174.69	174.78	174.98
9	174.04	174.13	174.18	174.26	174.30	174.41	174.47	174.54	174.62	174.70	174.79	174.98
10	174.01	174.12	174.17	174.24	174.31	174.37	e174.47	174.54	174.62	174.70	174.80	174.99
11	174.02	174.13	174.17	174.27	174.31	174.37	e174.47	174.55	174.62	174.71	174.80	174.99
12	174.04	174.13	174.19	174.25	174.29	174.41	e174.47	174.54	174.62	174.71	174.82	175.00
13	174.01	174.12	174.20	174.25	174.32	174.40	e174.48	174.54	174.63	174.71	174.82	174.99
14	174.05	174.12	174.18	174.26	174.33	174.40	e174.48	174.54	174.63	174.71	174.83	174.98
15	174.04	174.12	174.21	174.26	174.33	174.41	e174.48	174.55	174.64	174.71	174.83	174.99
16	174.03	174.14	174.18	174.29	174.29	174.40	e174.48	174.55	174.64	174.72	174.85	174.99
17	174.06	174.11	174.20	174.27	174.31	174.43	e174.49	174.56	174.63	174.72	174.86	174.98
18	174.04	174.12	174.20	174.26	174.34	174.41	e174.50	174.56	174.64	174.72	174.86	174.99
19	174.02	174.13	174.20	174.24	174.35	174.40	174.52	174.56	174.64	174.72	174.87	174.99
20	174.06	174.13	174.21	174.30	174.33	174.42	174.52	174.55	174.64	174.74	174.87	174.97
21	174.07	174.15	174.22	174.27	174.34	174.43	174.52	174.55	174.64	174.74	174.88	174.96
22	174.04	174.15	174.22	174.25	174.35	174.44	174.52	174.56	174.65	174.75	174.88	174.98
23	174.08	174.14	174.24	174.29	174.34	e174.44	174.51	174.57	174.66	174.74	174.89	174.97
24	174.08	174.13	174.20	174.28	174.36	e174.44	174.52	174.57	174.65	174.75	174.89	174.98
25	174.07	174.14	174.22	174.30	174.36	e174.44	174.51	174.57	174.66	174.75	174.90	174.97
26	174.07	174.14	174.22	174.26	174.36	e174.44	174.51	174.57	174.66	174.75	174.91	174.96
27	174.10	174.17	174.21	174.27	174.34	e174.45	174.52	174.58	174.66	174.75	174.91	174.96
28	174.08	174.18	174.21	174.27	174.35	e174.45	174.52	174.58	174.67	174.76	174.91	174.96
29	174.08	174.16	174.24	174.31	---	e174.45	174.53	174.57	174.67	174.76	174.92	174.96
30	174.09	174.13	174.25	174.30	---	e174.45	174.53	174.57	174.67	174.76	174.93	174.95
31	174.09	---	174.23	174.30	---	e174.45	---	174.60	---	174.76	174.93	---

WATER YEAR 1991 HIGHEST 173.96 OCT. 02, 1990 LOWEST 175.00 SEPT. 12, 13, 16, 18, 22, 1990  
PERIOD OF RECORD HIGHEST 171.51 AUG. 16, 1988 LOWEST 175.00 SEPT. 12, 13, 16, 18, 22, 1990  
RECORD AVAILABLE AUG. 11, 1988 TO SEP. 30, 1991

e Estimated

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

TRAVIS COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
YD-58-34-412	302727097502301 .....			173	YD-58-43-103	302146097445101 .....			173
YD-58-34-414	302554097494701 .....			173	YD-58-50-211	301423097495901 .....		171	174
YD-58-34-617	302551097465501 .....			173	YD-58-50-215	301339097483701 .....		171	174
YD-58-34-618	302549097455501 .....		170	173	YD-58-50-216	301356097473301 .....		171	174
YD-58-35-201	302734097414601 .....			173	YD-58-50-217	301432097480001 .....		171	174
YD-58-35-415	302652097430501 .....		170	173	YD-58-50-406	301148097503501 .....			174
YD-58-35-701	302331097433501 .....		170		YD-58-50-408	301031097515801 .....		171	
YD-58-35-906	302441097385601 .....	168	170		YD-58-50-412	301106097520501 .....	169	172	174
YD-58-42-311	302218097454901 .....			173	YD-58-50-520	301226097480701 .....		172	174
YD-58-42-813	301628097474001 .....			173	YD-58-50-704	300813097512101 .....		172	174

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

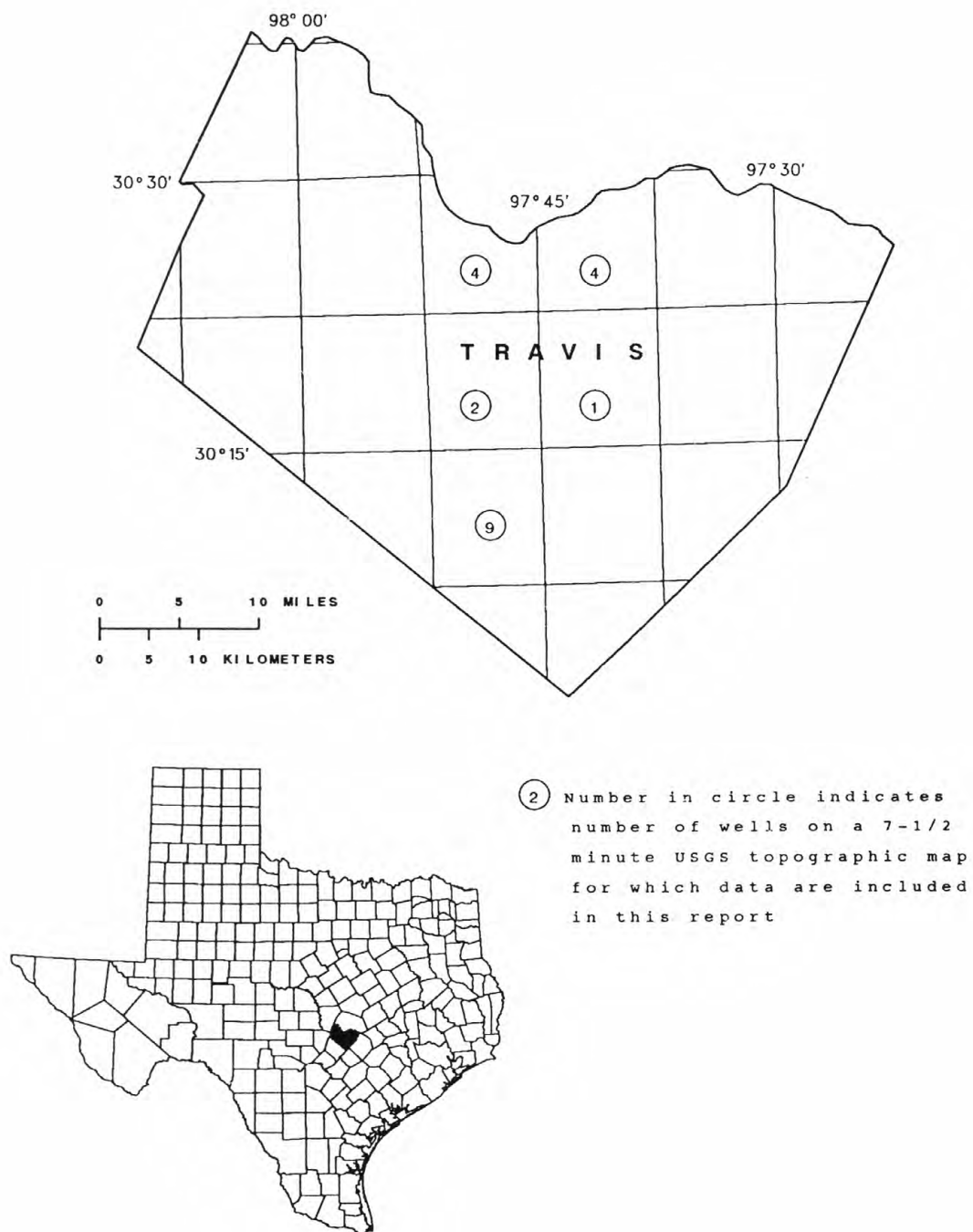


Figure 49.--Travis County map.



## Travis County

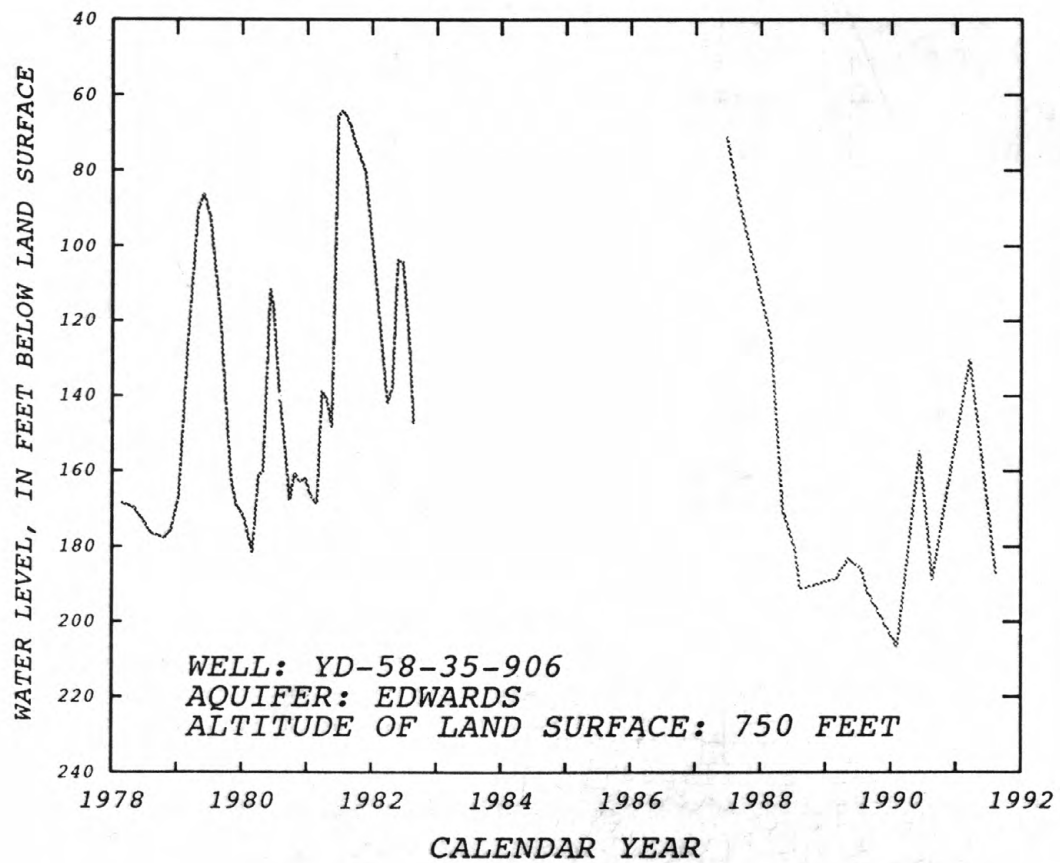


Figure 50.--Hydrograph for well YD-58-35-906.

## Travis County

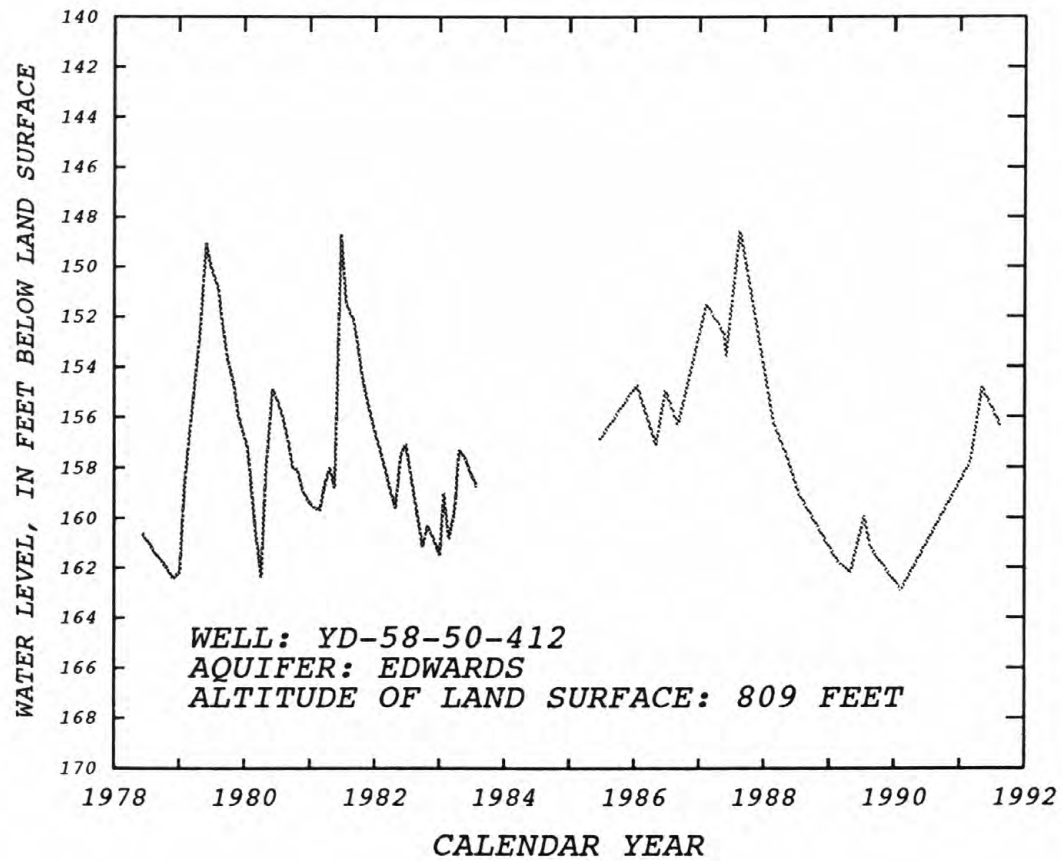


Figure 51.--Hydrograph for well YD-58-50-412.

WATER LEVELS, TRAVIS COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 302549097455501  
LOCAL WELL NUMBER: YD-58-34-618

LOCATED APPROXIMATELY 0.3 MILE SOUTH OF U.S. 183 AT 12182 JOLLYVILLE ROAD. CASING DIAMETER UNKNOWN, DEPTH 80 FEET. ALTITUDE OF LAND-SURFACE DATUM 950 FEET. OWNER: SENIOR AMESCUA

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS			
MAR 12	37.52 SR	AUG 06	36.94 SR			
WATER YEAR 1991	HIGHEST	36.94	AUG 06, 1991	LOWEST	37.52	MAR 12, 1991
PERIOD OF RECORD	HIGHEST	35.70	JUN 19, 1987	LOWEST	40.91	AUG 23, 1989
	RECORD AVAILABLE FROM JUN 19, 1987 TO AUG 06, 1991					15 ENTRIES

SITE NUMBER: 302652097430501  
LOCAL WELL NUMBER: YD-58-35-415

LOCATED AT RANCH HOUSE ON MCNEIL DRIVE ABOUT 0.7 MILE NORTHWEST OF MERRELLTOWN ROAD INTERSECTION AND NORTH OF MCNEIL DRIVE. CASING DIAMETER 6 INCHES, DEPTH 112 FEET. ALTITUDE OF LAND-SURFACE DATUM 830 FEET. OWNER: AUSTIN WHITE LIME.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS			
MAR 12	91.34 S	AUG 12	89.19 S			
WATER YEAR 1991	HIGHEST	89.19	AUG 12, 1991	LOWEST	91.34	MAR 12, 1991
PERIOD OF RECORD	HIGHEST	83.40	JUN 12, 1987	LOWEST	98.70	JAN 09, 1980
	RECORD AVAILABLE FROM MAR 01, 1978 TO AUG 12, 1991					24 ENTRIES

SITE NUMBER: 302331097433501  
LOCAL WELL NUMBER: YD-58-35-701

LOCATED AT 10100 BURNET ROAD IN WELL COMPOUND. CASING DIAMETER 4 INCHES, DEPTH 610 FEET. ALTITUDE OF LAND-SURFACE DATUM 792 FEET. OWNER: BALCONES RESEARCH CENTER, UNIVERSITY OF TEXAS.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS			
MAR 12	178.10 S	AUG 06	258.74 S			
WATER YEAR 1991	HIGHEST	178.10	MAR 12, 1991	LOWEST	258.74	AUG 06, 1991
PERIOD OF RECORD	HIGHEST	178.10	MAR 12, 1991	LOWEST	258.74	AUG 06, 1991
	RECORD AVAILABLE FROM MAR 12, 1991 TO AUG 06, 1991					2 ENTRIES

SITE NUMBER: 302441097385601  
LOCAL WELL NUMBER: YD-58-35-906

TRAVEL APPROXIMATELY 1.6 MILES EAST OF IH-35 ON DESSAU ROAD, PROCEED NORTH OF ROAD ABOUT 150 FEET TO WELL HOUSE AT RESIDENCE. CASING DIAMETER 4 INCHES, DEPTH 600 FEET. ALTITUDE OF LAND-SURFACE DATUM 750 FEET. OWNER: BUCK BAKER.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS			
MAR 18	130.10 S	AUG 12	187.23 S			
WATER YEAR 1991	HIGHEST	130.10	MAR 18, 1991	LOWEST	187.23	AUG 12, 1991
PERIOD OF RECORD	HIGHEST	64.02	JUL 22, 1981	LOWEST	206.70	FEB 06, 1990
	RECORD AVAILABLE FROM FEB 23, 1978 TO AUG 12, 1991					63 ENTRIES

WATER LEVELS, TRAVIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

171

SITE NUMBER: 301423097495901  
LOCAL WELL NUMBER: YD-58-50-211

LOCATED IN TRAVIS COUNTRY ESTATES NEAR END OF TRAIL WEST DRIVE, BEHIND UTILITY BUILDING AND RIGHT OF SWIMMING POOL. CASING DIAMETER 8 INCHES, DEPTH 282 FEET. ALTITUDE OF LAND-SURFACE DATUM 670 FEET. OWNER: TRAVIS COUNTRY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS	
MAR 11	180.75 S	AUG 14	201.99 SR	
WATER YEAR 1991	HIGHEST 180.75	MAR 11, 1991	LOWEST 201.99	AUG 14, 1991
PERIOD OF RECORD	HIGHEST 180.75	MAR 11, 1991	LOWEST 201.99	AUG 14, 1991
	RECORD AVAILABLE FROM MAR 24, 1978 TO AUG 14, 1991 22 ENTRIES			

SITE NUMBER: 301339097483701  
LOCAL WELL NUMBER: YD-58-50-215

LOCATED BEHIND CITY OFFICE OF SUN VALLEY, AT STORAGE TANKS IN WELL YARD. CASING DIAMETER 8 INCHES, DEPTH 360 FEET. ALTITUDE OF LAND-SURFACE DATUM 678 FEET. OWNER: CITY OF SUNSET VALLEY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS	
MAR 05	225.6 AR	AUG 14	218.7 AR	
WATER YEAR 1991	HIGHEST 218.7	AUG 14, 1991	LOWEST 225.6	MAR 05, 1991
PERIOD OF RECORD	HIGHEST 218.7	AUG 14, 1991	LOWEST 225.6	MAR 05, 1991
	RECORD AVAILABLE FROM MAR 05, 1991 TO AUG 14, 1991 2 ENTRIES			

SITE NUMBER: 301356097473301  
LOCAL WELL NUMBER: YD-58-50-216

LOCATED IN GRASSY AREA BETWEEN BEN WHITE BLVD. AND TARGET STORE PARKING LOT. CASING DIAMETER 4 INCHES, DEPTH 582 FEET. ALTITUDE OF LAND-SURFACE DATUM 692 FEET. OWNER: U.S. GEOLOGICAL SURVEY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS
MAR 05	226.70 S	MAY 06	213.90 S	AUG 19	225.60 S
WATER YEAR 1991	HIGHEST 213.90	MAY 06, 1991	LOWEST 226.70	MAR 05, 1991	
PERIOD OF RECORD	HIGHEST 187.54	JUN 26, 1979	LOWEST 256.60	SEP 28, 1982	
	RECORD AVAILABLE FROM AUG 19, 1987 TO AUG 19, 1991 58 ENTRIES				

SITE NUMBER: 301432097480001  
LOCAL WELL NUMBER: YD-58-50-217

LOCATED IN MEDIAN OF BRODIE OAK RD. ABOUT 100 FEET NORTH OF BEN WHITE BLVD. UNDER MANHOLE COVER. CASING DIAMETER 4 INCHES, DEPTH 214 FEET. ALTITUDE OF LAND-SURFACE DATUM 567 FEET. OWNER: U.S. GEOLOGICAL SURVEY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS
MAR 05	77.95 S	MAY 06	76.10 S	AUG 19	96.26 S
WATER YEAR 1991	HIGHEST 76.10	MAY 06, 1991	LOWEST 96.26	AUG 19, 1991	
PERIOD OF RECORD	HIGHEST 61.67	JUN 25, 1981	LOWEST 131.35	OCT 24, 1978	
	RECORD AVAILABLE FROM AUG 11, 1978 TO AUG 19, 1991 56 ENTRIES				

SITE NUMBER: 301031097515801  
LOCAL WELL NUMBER: YD-58-50-408

LOCATED AT 4205 WILDWOOD IN WELL HOUSE. CASING DIAMETER 6 INCHES, DEPTH 439 FEET. ALTITUDE OF LAND-SURFACE DATUM 772 FEET. OWNER: BEN BUCHANAN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS	
AUG 14	158.44 S	
PERIOD OF RECORD	HIGHEST 158.44	AUG 14, 1991
	LOWEST 185.78	MAY 17, 1978
	RECORD AVAILABLE FROM MAR 09, 1978 TO AUG 14, 1991 8 ENTRIES	

WATER LEVELS, TRAVIS COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 301106097520501  
LOCAL WELL NUMBER: YD-58-50-412

LOCATED IN PASTURE, 1.15 MILES WEST OF BRODIE LANE AND RIDDLE ROAD INTERSECTION. CASING DIAMETER 7 INCHES, DEPTH 268 FEET. ALTITUDE OF LAND-SURFACE DATUM 809 FEET. OWNER: CIRCLE "C" RANCH.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS
MAR 05 157.26 S	MAY 07 154.83 S	AUG 19 156.35 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 154.83 MAY 07, 1991 HIGHEST 148.50 AUG 17, 1987 RECORD AVAILABLE FROM AUG 30, 1972 TO AUG 19, 1991	LOWEST 157.76 MAR 05, 1991 LOWEST 162.90 FEB 09, 1990 80 ENTRIES

SITE NUMBER: 301226097480701  
LOCAL WELL NUMBER: YD-58-50-520

LOCATED AT 1904 BERKELEY. CASING DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 715 FEET. OWNER: HERB MENDIETA.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS
MAR 18 206.70 SR	MAY 15 178.70 SR	AUG 13 219.52 SR
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 178.70 MAY 15, 1991 HIGHEST 178.70 MAY 15, 1991 RECORD AVAILABLE FROM MAR 18, 1991 TO AUG 13, 1991	LOWEST 219.52 AUG 13, 1991 LOWEST 219.52 AUG 13, 1991 3 ENTRIES

SITE NUMBER: 300813097512101  
LOCAL WELL NUMBER: YD-58-50-704

LOCATED ACROSS ROAD FROM FARM SALES OFFICE AT GROUND STORAGE TANK, NEAR STATE HWY 1626. CASING DIAMETER 16 INCHES, DEPTH 345 FEET. ALTITUDE OF LAND-SURFACE DATUM 727 FEET. OWNER: MARBRIDGE FOUNDATION.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS	WATER LEVEL MS
MAR 13 197.2 S	MAY 15 137.2 S	AUG 13 156.24 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 137.2 MAY 15, 1991 HIGHEST 132.30 MAY 30, 1979 RECORD AVAILABLE FROM MAR 08, 1978 TO AUG 13, 1991	LOWEST 197.2 MAR 13, 1991 LOWEST 206.50 JUL 28, 1982 48 ENTRIES

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	HARD- NESS NONCARB DISSOLV FLD. AS CAC03 (MG/L)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	
YD-58-34-412	03-06-91	1235	E337	790	6.9	19.0	69	120	26	
	08-06-91	0910	E22	770	6.3	20.0	--	--	--	
YD-58-34-414	03-06-91	1140	E22	693	6.8	19.0	19	120	8.2	
	08-06-91	0945	E4.0	680	7.0	20.5	--	--	--	
YD-58-34-617	03-06-91	0950	E58	361	7.0	17.5	95	130	32	
	08-06-91	1040	E13	908	7.0	24.0	--	--	--	
YD-58-34-618	03-12-91	1255	--	888	7.1	21.0	32	110	40	
	08-06-91	1120	--	843	7.0	22.5	--	--	--	
YD-58-35-201	03-18-91	0935	--	680	7.1	23.0	32	94	28	
	08-07-91	1220	--	689	6.9	24.5	--	--	--	
YD-58-35-415	03-12-91	1015	--	767	6.9	21.5	19	120	24	
	08-12-91	1025	--	--	--	--	--	--	--	
YD-58-42-311	03-06-91	0830	E22	1130	7.1	20.5	160	160	20	
	08-07-91	1020	--	--	--	--	--	--	--	
YD-58-42-813	03-13-91	0925	--	612	7.2	20.5	51	89	22	
	05-06-91	1200	--	585	7.2	21.0	--	--	--	
	08-19-91	1037	--	638	7.2	21.0	--	--	--	
YD-58-43-103	03-06-91	1340	E99	1150	6.9	21.0	180	160	26	
	08-07-91	0915	E4.0	1110	6.3	22.0	--	--	--	
LOCAL WELL NUMBER	DATE		SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)
YD-58-34-412	03-06-91	11	1.0	53	24	0.20	9.5	1.4	--	--
	08-06-91	--	--	--	--	--	--	1.4	--	--
YD-58-34-414	03-06-91	11	0.40	15	24	0.10	9.4	2.3	0.19	--
	08-06-91	--	--	--	--	--	--	2.7	--	--
YD-58-34-617	03-06-91	26	1.8	73	60	0.20	11	3.8	0.19	--
	08-06-91	--	--	--	--	--	--	3.6	--	--
YD-58-34-618	03-12-91	17	0.30	16	39	0.20	14	4.6	--	--
	08-06-91	--	--	--	--	--	--	4.0	--	--
YD-58-35-201	03-18-91	13	0.80	27	17	0.30	11	--	--	--
	08-07-91	--	--	--	--	--	--	2.3	0.27	--
YD-58-35-415	03-12-91	10	0.60	21	23	0.10	12	--	--	--
	08-12-91	--	--	--	--	--	--	--	--	--
YD-58-42-311	03-06-91	36	1.2	88	110	0.10	12	8.8	0.69	--
	08-07-91	--	--	--	--	--	--	8.4	0.46	--
YD-58-42-813	03-13-91	11	1.2	35	28	0.20	10	--	--	--
	05-06-91	--	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-43-103	03-06-91	44	1.9	91	110	0.20	11	6.6	0.69	--
	08-07-91	--	--	--	--	--	--	6.2	--	--

See footnote at end of table.

## WATER QUALITY, TRAVIS COUNTY--Continued

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS P04)	PHOS- PHORUS TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
YD-58-34-412	03-06-91	<0.010	<0.010	--	0.30	1.10	--	<0.010	2.2
	08-06-91	<0.010	<0.010	--	0.30	1.10	--	0.030	2.0
YD-58-34-414	03-06-91	0.010	<0.010	--	0.20	2.10	--	<0.010	0.6
	08-06-91	<0.010	<0.010	--	0.50	2.20	--	0.010	0.9
YD-58-34-617	03-06-91	0.010	<0.010	--	0.20	3.60	--	<0.010	2.3
	08-06-91	<0.010	<0.010	--	1.2	2.40	--	<0.010	2.4
YD-58-34-618	03-12-91	<0.010	<0.010	--	0.40	4.20	--	0.020	0.6
	08-06-91	<0.010	<0.010	--	0.80	3.20	--	0.010	0.5
YD-58-35-201	03-18-91	0.030	<0.010	--	<0.20	2.10	--	<0.010	0.3
	08-07-91	0.030	<0.010	--	0.30	2.00	--	0.020	0.3
YD-58-35-415	03-12-91	<0.010	<0.010	--	<0.20	2.70	--	0.010	0.4
	08-12-91	0.020	<0.010	--	<0.20	2.00	0.03	0.010	0.5
YD-58-42-311	03-06-91	0.010	<0.010	--	0.70	8.10	--	0.020	1.5
	08-07-91	0.040	<0.010	--	0.50	7.90	--	0.020	1.0
YD-58-42-813	03-13-91	0.050	<0.010	--	<0.20	1.50	--	<0.010	0.4
	05-06-91	<0.010	<0.010	--	<0.20	1.50	--	0.010	0.5
	08-19-91	<0.010	<0.010	--	<0.20	1.40	--	<0.010	0.5
YD-58-43-103	03-06-91	0.010	<0.010	--	0.70	5.90	--	0.020	1.8
	08-07-91	<0.010	<0.010	--	0.50	5.70	0.15	0.040	1.9
LOCAL WELL NUMBER	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	
YD-58-50-211	03-11-91	1320	658	7.2	21.5	64	90	25	
	05-07-91	1045	646	6.9	21.5	--	--	--	
	08-14-91	1320	680	6.7	22.0	--	--	--	
YD-58-50-215	03-05-91	1130	560	7.1	23.5	14	73	30	
	05-13-91	1320	581	7.2	23.5	--	--	--	
	08-14-91	1200	608	7.0	23.5	--	--	--	
YD-58-50-216	03-05-91	0935	916	7.3	21.5	130	100	38	
	05-06-91	0945	907	7.2	21.5	--	--	--	
	08-19-91	0915	796	7.4	24.0	--	--	--	
YD-58-50-217	03-05-91	1020	560	7.5	16.5	56	75	19	
	05-06-91	1100	547	7.2	21.0	--	--	--	
	08-19-91	0825	480	7.2	26.0	--	--	--	
YD-58-50-406	03-11-91	1150	642	7.1	23.0	49	90	25	
	05-06-91	1400	636	7.1	23.0	--	--	--	
	08-13-91	1030	650	7.0	23.5	--	--	--	
YD-58-50-412	03-05-91	1320	571	7.1	23.0	0	79	21	
	05-07-91	1000	561	7.2	22.0	--	--	--	
	08-19-91	1250	561	7.0	22.5	--	--	--	
YD-58-50-520	03-18-91	1545	533	7.2	22.0	27	76	24	
	05-15-91	1330	545	7.2	22.5	--	--	--	
	08-13-91	0900	558	7.1	23.0	--	--	--	
YD-58-50-704	03-13-91	1250	518	7.3	19.5	31	81	17	
	05-15-91	1100	531	7.2	21.5	--	--	--	
	08-13-91	1110	554	7.1	22.5	--	--	--	

See footnote at end of table.



## WATER QUALITY, TRAVIS COUNTY--Continued

1/5

## INORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)
YD-58-50-211	03-11-91	15	0.90	41	37	0.20	10	--	--
	05-07-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	2.0	0.28
YD-58-50-215	03-05-91	9.3	1.3	7.4	13	0.20	14	--	--
	05-13-91	--	--	--	--	--	--	--	--
	08-14-91	--	--	--	--	--	--	3.4	0.38
YD-58-50-216	03-05-91	40	4.2	180	32	0.70	11	1.8	0.19
	05-06-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
YD-58-50-217	03-05-91	15	1.5	44	30	0.20	6.9	--	--
	05-06-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
YD-58-50-406	03-11-91	14	1.0	29	20	0.30	13	--	--
	05-06-91	--	--	--	--	--	--	4.9	0.38
	08-13-91	--	--	--	--	--	--	4.3	0.38
YD-58-50-412	03-05-91	5.6	0.60	5.4	11	0.10	12	--	--
	05-07-91	--	--	--	--	--	--	--	--
	08-19-91	--	--	--	--	--	--	--	--
YD-58-50-520	03-18-91	7.2	1.0	18	12	0.30	11	--	--
	05-15-91	--	--	--	--	--	--	--	--
	08-13-91	--	--	--	--	--	--	1.6	0.28
YD-58-50-704	03-13-91	7.6	1.1	24	14	0.10	9.1	--	--
	05-15-91	--	--	--	--	--	--	0.84	--
	08-13-91	--	--	--	--	--	--	--	--

LOCAL WELL NUMBER	DATE	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS PO4)	PHOS- PHORUS TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
YD-58-50-211	03-11-91	0.040	<0.010	--	<0.20	1.50	--	0.020	0.6
	05-07-91	0.010	<0.010	--	<0.20	1.40	--	<0.010	0.7
	08-14-91	0.020	<0.010	--	0.30	1.70	0.06	0.020	0.6
YD-58-50-215	03-05-91	<0.010	0.010	2.29	<0.20	2.30	--	<0.010	0.2
	05-13-91	0.010	<0.010	--	<0.20	2.90	--	0.020	0.2
	08-14-91	0.020	<0.010	--	0.40	3.00	0.03	0.020	0.2
YD-58-50-216	03-05-91	0.010	<0.010	--	0.20	1.60	--	0.030	2.3
	05-06-91	0.020	0.020	1.28	<0.20	1.30	0.06	0.060	1.0
	08-19-91	0.020	0.040	0.380	<0.20	0.420	0.15	0.150	7.0
YD-58-50-217	03-05-91	0.010	<0.010	--	<0.20	0.210	--	0.010	2.6
	05-06-91	<0.010	<0.010	--	<0.20	0.120	--	0.020	1.6
	08-19-91	<0.010	0.020	0.270	<0.20	0.290	--	0.020	9.0
YD-58-50-406	03-11-91	0.040	<0.010	--	<0.20	4.20	--	0.020	0.3
	05-06-91	0.020	<0.010	--	0.40	4.50	--	<0.010	0.5
	08-13-91	0.020	<0.010	--	0.40	3.90	--	<0.010	0.3
YD-58-50-412	03-05-91	0.010	<0.010	--	<0.20	1.60	--	<0.010	0.3
	05-07-91	0.010	<0.010	--	<0.20	1.50	--	<0.010	0.3
	08-19-91	<0.010	<0.010	--	<0.20	1.50	--	0.010	0.2
YD-58-50-520	03-18-91	0.030	<0.010	--	<0.20	1.50	--	<0.010	0.3
	05-15-91	<0.010	<0.010	--	<0.20	1.50	--	0.010	<0.1
	08-13-91	0.020	<0.010	--	0.30	1.30	--	<0.010	0.2
YD-58-50-704	03-13-91	<0.010	<0.010	--	<0.20	0.570	--	0.010	0.7
	05-15-91	<0.010	<0.010	--	0.30	0.540	--	0.010	1.0
	08-13-91	0.020	<0.010	--	<0.20	0.800	--	<0.010	0.5

E Estimated.

&lt; Actual value is less than value shown.

## WATER QUALITY, TRAVIS COUNTY--Continued

## ORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	BENZENE TOTAL (UG/L)	BROMO- FORM TOTAL (UG/L)	CARBON- TETRA- CHLO- RIDE TOTAL (UG/L)	CHLORO- BENZENE TOTAL (UG/L)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L)	CHLORO- ETHANE TOTAL (UG/L)	CHLORO- FORM TOTAL (UG/L)	METHYL- CHLO- RIDE TOTAL (UG/L)
YD-58-34-412	03-06-91	1235	--	--	--	--	--	--	--	--
	08-06-91	0910	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-414	03-06-91	1140	--	--	--	--	--	--	--	--
	08-06-91	0945	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-617	03-06-91	0950	--	--	--	--	--	--	--	--
	08-06-91	1040	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-618	03-12-91	1255	--	--	--	--	--	--	--	--
	08-06-91	1120	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-201	03-18-91	0935	--	--	--	--	--	--	--	--
	08-07-91	1220	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-415	03-12-91	1015	--	--	--	--	--	--	--	--
	08-12-91	1025	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-311	03-06-91	0830	--	--	--	--	--	--	--	--
	08-07-91	1020	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-813	03-13-91	0925	--	--	--	--	--	--	--	--
	05-06-91	1200	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	1037	--	--	--	--	--	--	--	--
YD-58-43-103	03-06-91	1340	--	--	--	--	--	--	--	--
	08-07-91	0915	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

LOCAL WELL NUMBER	DATE	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	DI- CHLORO- BROMO- METHANE TOTAL (UG/L)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L)	ETHYL- BENZENE TOTAL (UG/L)	METHYL- BROMIDE TOTAL (UG/L)	METHYL- ENE CHLO- RIDE TOTAL (UG/L)	STYRENE TOTAL (UG/L)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
YD-58-34-412	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-414	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-617	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-618	03-12-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-201	03-18-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-415	03-12-91	--	--	--	--	--	--	--	--	--
	08-12-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-311	03-06-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-813	03-13-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-43-103	03-06-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

See footnote at end of table.

## ORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L)	VINYL CHLO- RIDE TOTAL (UG/L)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L)
YD-58-34-412	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-414	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-617	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-618	03-12-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-201	03-18-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-415	03-12-91	--	--	--	--	--	--	--	--	--
	08-12-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-311	03-06-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-813	03-13-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-43-103	08-19-91	--	--	--	--	--	--	--	--	--
	03-06-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0

LOCAL WELL NUMBER	DATE	1,2-DI- CHLORO- BENZENE TOTAL (UG/L)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L)	1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L)	1,2- TRANS DI- CHLORO- ETHENE TOTAL (UG/L)	2- CHLORO- ETHYL- VINYL- ETHER TOTAL (UG/L)	XYLENE TOTAL WATER WHOLE TOT REC (UG/L)
YD-58-34-412	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-414	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-617	03-06-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-34-618	03-12-91	--	--	--	--	--	--	--	--	--
	08-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-201	03-18-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-35-415	03-12-91	--	--	--	--	--	--	--	--	--
	08-12-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-311	03-06-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-42-813	03-13-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
YD-58-43-103	08-19-91	--	--	--	--	--	--	--	--	--
	03-06-91	--	--	--	--	--	--	--	--	--
	08-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

See footnote at end of table.

## WATER QUALITY, TRAVIS COUNTY--Continued

## ORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	BENZENE TOTAL (UG/L)	BROMO- FORM TOTAL (UG/L)	CARBON- TETRA- CHLO- RIDE TOTAL (UG/L)	CHLORO- BENZENE TOTAL (UG/L)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L)	CHLORO- ETHANE TOTAL (UG/L)	CHLORO- FORM TOTAL (UG/L)	METHYL- CHLO- RIDE TOTAL (UG/L)
YD-58-50-211	03-11-91	1320	--	--	--	--	--	--	--	--
	05-07-91	1045	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	1320	--	--	--	--	--	--	--	--
YD-58-50-215	03-05-91	1130	--	--	--	--	--	--	--	--
	05-13-91	1320	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	1200	--	--	--	--	--	--	--	--
YD-58-50-216	03-05-91	0935	--	--	--	--	--	--	--	--
	05-06-91	0945	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	0915	--	--	--	--	--	--	--	--
YD-58-50-217	03-05-91	1020	--	--	--	--	--	--	--	--
	05-06-91	1100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	0825	--	--	--	--	--	--	--	--
YD-58-50-406	03-11-91	1150	--	--	--	--	--	--	--	--
	05-06-91	1400	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	1030	--	--	--	--	--	--	--	--
YD-58-50-412	03-05-91	1320	--	--	--	--	--	--	--	--
	05-07-91	1000	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	1250	--	--	--	--	--	--	--	--
YD-58-50-520	03-18-91	1545	--	--	--	--	--	--	--	--
	05-15-91	1330	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	0900	--	--	--	--	--	--	--	--
YD-58-50-704	03-13-91	1250	--	--	--	--	--	--	--	--
	05-15-91	1100	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	1110	--	--	--	--	--	--	--	--

LOCAL WELL NUMBER	DATE	CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	DI- CHLORO- BROMO- METHANE TOTAL (UG/L)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L)	ETHYL- BENZENE TOTAL (UG/L)	METHYL- BROMIDE TOTAL (UG/L)	METHYL- ENE CHLO- RIDE TOTAL (UG/L)	STYRENE TOTAL (UG/L)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
YD-58-50-211	03-11-91	--	--	--	--	--	--	--	--	--
	05-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	--	--	--	--	--	--	--	--	--
YD-58-50-215	03-05-91	--	--	--	--	--	--	--	--	--
	05-13-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	--	--	--	--	--	--	--	--	--
YD-58-50-216	03-05-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-217	03-05-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-406	03-11-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--
YD-58-50-412	03-05-91	--	--	--	--	--	--	--	--	--
	05-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-520	03-18-91	--	--	--	--	--	--	--	--	--
	05-15-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--
YD-58-50-704	03-13-91	--	--	--	--	--	--	--	--	--
	05-15-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--

See footnote at end of table.

## WATER QUALITY, TRAVIS COUNTY--Continued

179

## ORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L)	VINYL CHLO- RIDE TOTAL (UG/L)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L)
YD-58-50-211	03-11-91	--	--	--	--	--	--	--	--	--
	05-07-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	--	--	--	--	--	--	--	--	--
YD-58-50-215	03-05-91	--	--	--	--	--	--	--	--	--
	05-13-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	--	--	--	--	--	--	--	--	--
YD-58-50-216	03-05-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-217	03-05-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-406	03-11-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--
YD-58-50-412	03-05-91	--	--	--	--	--	--	--	--	--
	05-07-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-520	03-18-91	--	--	--	--	--	--	--	--	--
	05-15-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--
YD-58-50-704	03-13-91	--	--	--	--	--	--	--	--	--
	05-15-91	<3.0	<3.0	<3.0	<1.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--

LOCAL WELL NUMBER	DATE	1,2-DI- CHLORO- BENZENE TOTAL (UG/L)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L)	1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L)	1,2- TRANS DI- CHLORO- ETHENE TOTAL (UG/L)	2- CHLORO- ETHYL- VINYL- ETHER TOTAL (UG/L)	XYLENE TOTAL WATER WHOLE TOT REC (UG/L)
YD-58-50-211	03-11-91	--	--	--	--	--	--	--	--	--
	05-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	--	--	--	--	--	--	--	--	--
YD-58-50-215	03-05-91	--	--	--	--	--	--	--	--	--
	05-13-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-14-91	--	--	--	--	--	--	--	--	--
YD-58-50-216	03-05-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-217	03-05-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-406	03-11-91	--	--	--	--	--	--	--	--	--
	05-06-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--
YD-58-50-412	03-05-91	--	--	--	--	--	--	--	--	--
	05-07-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-19-91	--	--	--	--	--	--	--	--	--
YD-58-50-520	03-18-91	--	--	--	--	--	--	--	--	--
	05-15-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--
YD-58-50-704	03-13-91	--	--	--	--	--	--	--	--	--
	05-15-91	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08-13-91	--	--	--	--	--	--	--	--	--

Actual value is less than value shown.

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

UVALDE COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>			<u>HY</u>	<u>WL</u>	<u>QW</u>
YP-69-36-702	292305099371101 .....			186	YP-69-50-203	291407099473501 .....			186
YP-69-37-402	292711099282201 .....		183		YP-69-50-302	291237099471201 .....	182	184	
YP-69-42-606	291738099450801 .....			186	YP-69-50-609	291115099465701 .....			186
YP-69-43-606	291840099382601 .....			186	YP-69-51-104	291409099444801 .....			186
YP-69-43-804	291633099413301 .....		183		YP-69-51-114	291417099442901 .....			186
YP-69-45-401	291909099281001 .....		183		YP-69-51-406	291025099442701 .....		185	
YP-69-50-101	291426099510201 .....		184		YP-70-40-901	292344100002701 .....		185	
YP-69-50-202	291414099475301 .....		184						

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

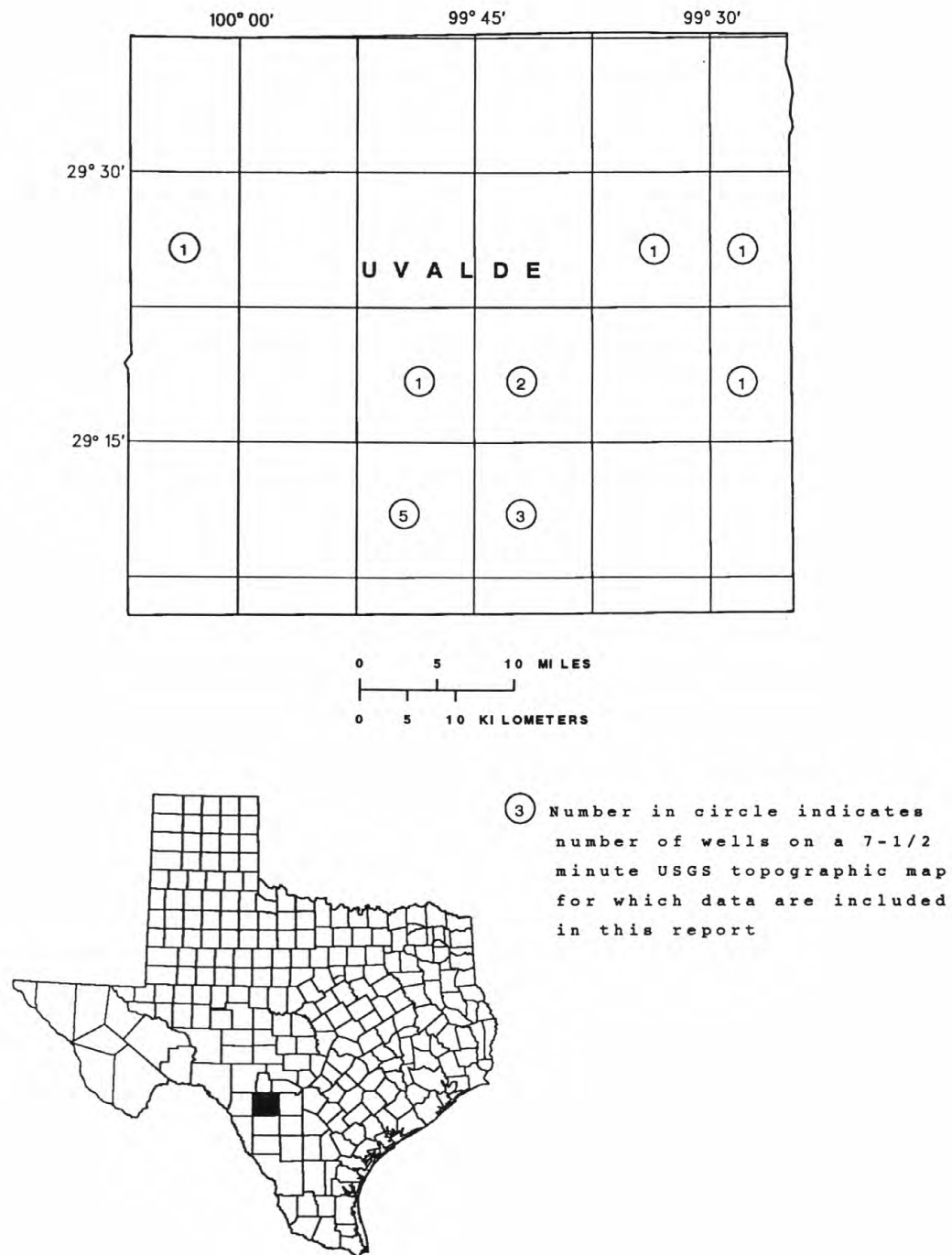


Figure 52.--Uvalde County map.



## Uvalde County

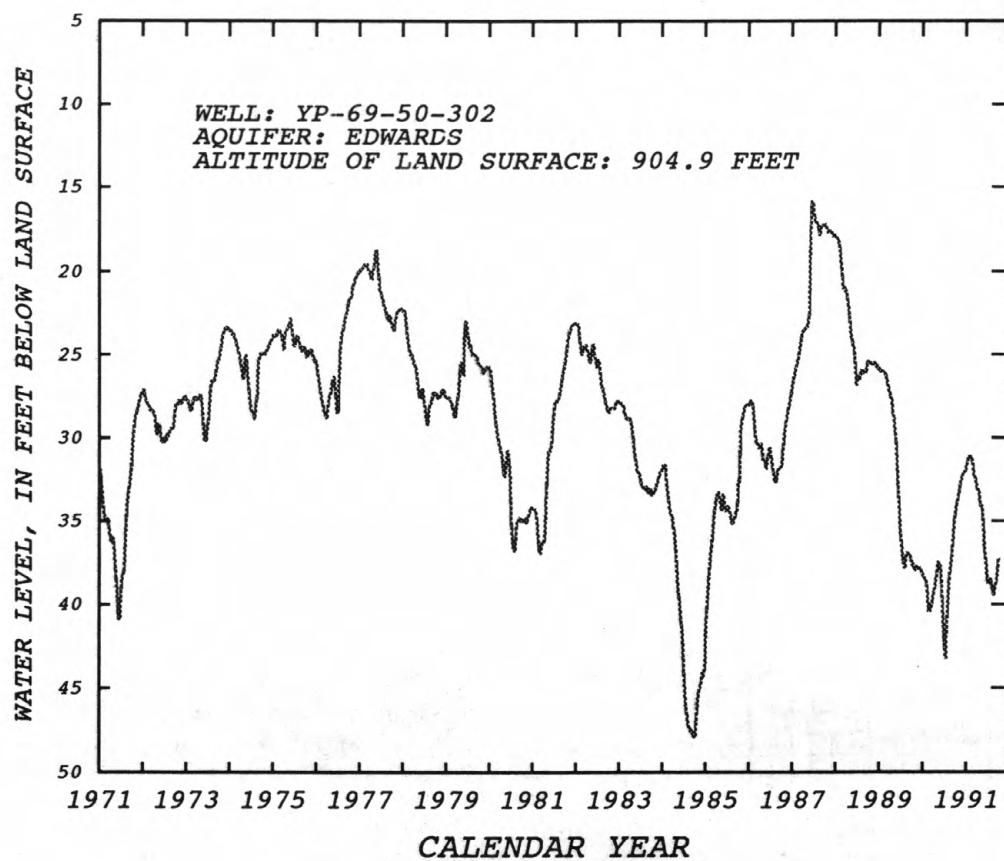


Figure 53.--Hydrograph for well YP-69-50-302.

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 292711099282201  
LOCAL WELL NUMBER: YP-69-37-402

LOCATED 0.5 MILE SOUTH OF THE INTERSECTION OF HIGHWAY 1796 AND HIGHWAY 187, OFF TO THE RIGHT SIDE OF THE ROAD.  
UNUSED DRILLED WELL, OWNED BY U.S. GEOLOGICAL SURVEY. WELL DEPTH 694 FEET. ALTITUDE OF LAND-SURFACE DATUM 1,158 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	355.26	JAN 01	354.88	MAR 05	357.15	MAY 10	359.52	JUL 20	362.35
10	354.85	05	354.95	10	357.80	15	358.94	25	362.73
15	354.35	10	355.15	15	357.78	20	358.54	30	363.03
20	353.86	15	355.20	20	358.15	25	358.22	31	363.25
25	353.99	20	355.50	25	358.47	30	358.03	AUG 01	363.13
31	353.14	25	355.76	30	358.97	JUN 01	358.23	05	363.52
NOV 05	353.73	30	355.72	31	359.45	05	358.57	10	363.90
10	353.59	31	356.30	APR 02	359.12	10	359.22	15	364.53
15	353.43	FEB 05	355.97	05	359.47	15	359.55	20	365.05
20	353.41	10	356.23	10	359.42	20	359.86	25	365.92
25	353.70	15	356.45	15	359.76	25	360.27	26	365.94
DEC 05	353.68	20	356.81	20	360.05	30	360.70	SEP 24	362.50
10	353.87	25	356.77	25	359.98	JUL 01	360.75	25	362.02
15	353.97	26	357.10	30	360.47	05	361.15	30	359.76
20	354.05	28	356.98	MAY 01	360.50	10	361.56		
25	354.48	MAR 02	356.94	05	360.09	15	362.00		

WATER YEAR 1991 HIGHEST 353.14 OCT 31, 1990 LOWEST 365.94 AUG 26, 1991  
PERIOD OF RECORD HIGHEST 297.00 JAN 30, 1974 LOWEST 365.94 AUG 26, 1991  
RECORD AVAILABLE FROM JAN 30, 1974 TO SEP 30, 1991 79 ENTRIES

SITE NUMBER: 291633099413301  
LOCAL WELL NUMBER: YP-69-43-804

LOCATED 3.5 MILES WEST FROM THE CENTER OF KNIPPA, 0.2 MILE SOUTH OF HIGHWAY 90. PRIVATELY OWNED DRILLED WELL  
USED FOR IRRIGATION. DEPTH OF WELL 967 FEET, WITH 602 FEET OF OPEN INTERVAL. DIAMETER 16 INCHES. ALTITUDE OF  
LAND-SURFACE DATUM 975 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 08	P	MAY 06	155.22	JUL 11	P	SEP 20	186.90
APR 03	P	JUN 04	167.88	31	P		
WATER YEAR 1991	HIGHEST 155.22	MAY 06, 1991	LOWEST 186.90	SEP 20, 1991			
PERIOD OF RECORD	HIGHEST 155.22	MAY 06, 1991	LOWEST 186.90	SEP 20, 1991			
	RECORD AVAILABLE FROM MAR 08, 1991 TO SEP 20, 1991						7 ENTRIES

SITE NUMBER: 291909099281001  
LOCAL WELL NUMBER: YP-69-45-401

LOCATED IN SABINAL, CLOSE TO THE WATER TOWER AND NORTH OF THE RAILROAD TRACKS. UNUSED WELL OWNED BY CITY OF  
SABINAL. DEPTH OF WELL 1,476 FEET WITH 539 FEET OF OPEN INTERVAL. ALTITUDE OF LAND-SURFACE DATUM 954 FEET.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	212.79	JAN 01	206.10	MAR 10	206.70	MAY 20	204.41	AUG 05	225.47
10	212.17	05	205.61	15	207.31	JUN 10	222.27	10	223.74
15	210.67	10	204.75	20	207.42	14	224.68	15	224.42
20	210.40	15	204.15	25	207.57	15	222.73	20	224.35
25	209.42	20	203.80	30	208.75	18	219.70	25	223.37
31	208.98	25	203.14	31	208.91	20	219.88	26	223.05
NOV 05	208.85	27	202.89	APR 04	209.36	25	222.29	30	223.60
10	207.87	30	203.21	05	208.70	30	222.73	SEP 01	222.65
15	206.80	FEB 05	202.94	10	205.53	JUL 05	220.38	05	220.81
20	206.32	10	202.67	15	204.40	09	218.60	10	220.00
25	205.70	15	204.08	20	204.00	10	218.87	15	218.50
30	206.10	20	203.70	25	204.06	15	218.98	20	213.90
DEC 05	206.14	25	204.29	30	204.25	20	222.70	25	210.91
10	206.46	26	204.68	MAY 05	204.87	25	221.76	30	208.98
15	206.69	28	204.53	07	205.12	30	222.97		
20	206.44	MAR 01	204.50	10	204.28	31	223.70		
25	206.00	05	204.78	15	203.33	AUG 04	226.80		

WATER YEAR 1991 HIGHEST 202.67 FEB 10, 1991 LOWEST 226.80 AUG 04, 1991  
PERIOD OF RECORD HIGHEST 202.67 FEB 10, 1991 LOWEST 226.80 AUG 04, 1991  
RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991 82 ENTRIES

WATER LEVELS, UVALDE COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 291426099510201  
LOCAL WELL NUMBER: YP-69-50-101

4.5 MILES NORTHWEST OF DOWNTOWN UVALDE. STOCK WELL. DIAMETER 8 INCHES, DEPTH 100 FEET, COMPLETED OPEN HOLE. ALTITUDE OF LAND-SURFACE DATUM 950.6 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS			
MAR 08	62.70	JUN 04	68.23	JUL 31	69.30		
MAY 06	65.26	JUL 11	72.23	SEP 20	69.09		
WATER YEAR 1991		HIGHEST	62.70	MAR 08, 1991	LOWEST	72.23	JUL 11, 1991
PERIOD OF RECORD		HIGHEST	62.70	MAR 08, 1991	LOWEST	72.23	JUL 11, 1991
		RECORD AVAILABLE FROM MAR 08, 1991 TO SEP 20, 1991					6 ENTRIES

SITE NUMBER: 291414099475301  
LOCAL WELL NUMBER: YP-69-50-202

IN UVALDE, 0.55 MILE WEST OF THE INTERSECTION OF HIGHWAY 83 AND HIGHWAY 55. UNUSED WELL. DIAMETER OF HOLE 6 INCHES, DEPTH 137 FEET, COMPLETED OPEN HOLE FROM 67 FEET TO 137 FEET. ALTITUDE OF LAND-SURFACE DATUM 928.0 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 08	51.80	MAY 06	55.82	JUL 11	D	SEP 20	D
APR 03	54.38	JUN 04	59.04	31	D		
WATER YEAR 1991		HIGHEST	51.80	MAR 08, 1991	LOWEST	59.04	JUN 04, 1991
PERIOD OF RECORD		HIGHEST	51.80	MAR 08, 1991	LOWEST	59.04	JUN 04, 1991
		RECORD AVAILABLE FROM MAR 08, 1991 TO SEP 20, 1991					7 ENTRIES

SITE NUMBER: 291237099471201  
LOCAL WELL NUMBER: YP-69-50-302

IN UVALDE, IMMEDIATELY SOUTHEAST OF INTERSECTION OF HIGHWAY 90 AND GETTY STREET, OBSERVATION WELL. DIAMETER 12 INCHES TO 287 FEET, COMPLETED OPEN HOLE FROM 260 FEET TO 287 FEET. ALTITUDE OF LAND-SURFACE DATUM 904.9 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	34.42	JAN 01	31.85	MAR 15	32.40	MAY 20	34.57	JUL 29	38.45
10	34.10	05	31.68	20	32.45	25	35.15	30	38.52
15	33.92	10	31.50	25	32.63	30	35.88	AUG 01	38.74
20	33.80	15	31.38	30	32.83	31	36.02	05	38.96
25	33.51	20	31.23	31	32.90	JUN 01	36.13	10	39.08
31	33.32	25	31.18	APR 01	32.92	05	36.75	15	39.30
NOV 05	33.18	28	31.12	05	33.15	10	37.05	20	39.40
10	32.87	30	31.12	10	33.17	15	37.36	22	39.49
15	32.69	FEB 05	31.10	15	33.09	20	37.63	25	39.20
20	32.55	10	31.15	20	33.32	25	38.20	30	39.07
25	32.37	15	31.29	25	33.60	30	38.63	SEP 01	38.98
30	32.27	20	31.35	30	34.05	JUL 05	38.75	05	38.84
DEC 05	32.24	25	31.55	MAY 05	34.12	07	38.80	10	38.62
10	32.16	28	31.67	08	34.10	10	38.67	15	38.52
15	32.08	MAR 01	31.70	10	34.10	15	38.62	20	38.07
20	32.03	05	32.00	13	34.10	20	38.63	25	37.59
25	32.04	10	32.32	15	34.20	25	38.50	30	37.22
WATER YEAR 1991		HIGHEST	31.10	FEB 05, 1991	LOWEST	39.49	AUG 22, 1991		
PERIOD OF RECORD		HIGHEST	15.82	JUN 15, 1987	LOWEST	47.90	SEP 30, 1984		
		RECORD AVAILABLE FROM JAN 05, 1971 TO SEP 30, 1991					1430 ENTRIES		

WATER LEVELS, UVALDE COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

185

SITE NUMBER: 291025099442701  
LOCAL WELL NUMBER: YP-69-51-406

4.2 MILES SOUTHEAST OF UVALDE. UNUSED WELL. DIAMETER 14 INCHES, DEPTH 74 FEET. COMPLETED OPEN HOLE. ALTITUDE OF LAND-SURFACE DATUM 874.9 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
OCT 05	31.26	JAN 05	29.73	MAR 10	32.40	MAY 20	33.20	JUL 30	34.03
10	31.48	07	29.66	15	33.13	25	35.75	AUG 05	34.17
15	31.65	10	30.33	20	33.41	30	35.72	06	34.50
20	31.67	15	29.95	23	34.10	31	36.07	10	34.08
25	30.97	20	30.33	25	33.74	JUN 05	37.07	15	34.18
31	30.70	25	32.45	30	33.01	08	37.93	20	33.73
NOV 05	30.55	30	33.77	APR 01	33.05	10	37.44	25	33.12
10	30.35	31	33.80	05	32.60	15	36.92	30	32.84
15	29.97	FEB 03	34.02	10	31.80	20	35.25	31	32.80
20	29.77	05	32.46	15	31.25	25	36.50	SEP 03	32.93
25	29.77	10	32.00	18	31.04	30	36.37	05	32.92
30	30.14	13	31.01	20	31.04	JUL 01	36.17	10	32.63
DEC 05	30.09	15	31.37	25	32.10	05	35.91	15	32.93
10	30.25	20	31.75	30	32.92	10	35.40	20	32.00
15	30.44	25	31.60	MAY 04	32.96	15	35.20	25	31.53
20	30.06	28	31.72	05	33.12	20	34.98	30	31.21
25	29.94	MAR 01	31.74	10	34.28	25	34.10		
31	29.97	05	31.95	15	33.57	27	33.95		

WATER YEAR 1991 HIGHEST 29.66 JAN 07, 1991 LOWEST 37.93 JUN 08, 1991  
PERIOD OF RECORD HIGHEST 29.66 JAN 07, 1991 LOWEST 37.93 JUN 08, 1991  
RECORD AVAILABLE FROM OCT 05, 1990 TO SEP 30, 1991 88 ENTRIES

SITE NUMBER: 292344100002701  
LOCAL WELL NUMBER: YP-70-40-901

1.7 MILES SOUTH-SOUTHWEST OF LAGUNA. UNUSED OBSERVATION WELL. DIAMETER 7 INCHES, DEPTH 140 FEET. COMPLETED OPEN HOLE FROM 70 FEET TO 140 FEET. ALTITUDE OF LAND-SURFACE DATUM 1,120.0 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
MAR 08	45.93	MAY 06	43.57	JUL 11	43.64	SEP 20	42.23
APR 03	45.82	JUN 04	43.63	31	43.62		

WATER YEAR 1991 HIGHEST 42.23 SEP 20, 1991 LOWEST 45.93 MAR 08, 1991  
PERIOD OF RECORD HIGHEST 42.23 SEP 20, 1991 LOWEST 45.93 MAR 08, 1991  
RECORD AVAILABLE FROM MAR 08, 1991 TO SEP 20, 1991 7 ENTRIES

## WATER QUALITY, UVALDE COUNTY

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHORUS TOTAL (MG/L AS P)	ARSENIC, DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)
YP-69-36-702	06-25-91	12	250	2.3	0.030	<0.010	0.20	2.10	<0.010	<1	34
YP-69-42-606	06-04-91	12	297	4.2	<0.010	<0.010	0.50	3.70	<0.010	<1	52
YP-69-43-606	06-04-91	12	285	3.1	<0.010	<0.010	0.30	2.80	<0.010	<1	50
YP-69-50-203	06-04-91	12	298	4.3	<0.010	<0.010	1.2	3.10	<0.010	1	52
YP-69-50-609	06-04-91	13	369	4.5	0.020	<0.010	0.50	4.00	0.020	1	100
YP-69-51-104	06-04-91	16	454	4.6	<0.010	<0.010	0.20	4.40	<0.010	1	100
YP-69-51-114	06-05-91	16	484	4.8	<0.010	<0.010	0.40	4.40	<0.010	<1	110

LOCAL WELL NUMBER	DATE	TIME	HARD- NESS TOTAL (MG/L AS CAC03)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
YP-69-36-702	06-25-91	1245	220	65	15	9.5	1.0	13	23	0.10
YP-69-42-606	06-04-91	1030	250	86	8.8	16	1.0	13	36	0.10
YP-69-43-606	06-04-91	0900	240	81	10	13	1.0	16	26	0.10
YP-69-50-203	06-04-91	1330	260	88	10	16	1.1	13	40	0.10
YP-69-50-609	06-04-91	1130	290	100	9.3	24	1.1	33	52	0.20
YP-69-51-104	06-04-91	1430	350	120	13	32	1.3	38	81	0.50
YP-69-51-114	06-05-91	0900	380	130	14	34	1.4	42	89	0.50

LOCAL WELL NUMBER	DATE	CADMIUM, DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	SILVER, DIS- SOLVED (UG/L AS AG)	ZINC, DIS- SOLVED (UG/L AS ZN)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	MERCURY, DIS- SOLVED (UG/L AS HG)
YP-69-36-702	06-25-91	<1.0	<1	1	7	1	<1	<1.0	23	<1	<0.1
YP-69-42-606	06-04-91	<1.0	<1	7	14	1	<1	<1.0	14	<1	0.2
YP-69-43-606	06-04-91	<1.0	9	2	10	<1	<1	<1.0	22	<1	0.2
YP-69-50-203	06-04-91	<1.0	6	6	4	1	<1	<1.0	10	<1	<0.1
YP-69-50-609	06-04-91	<1.0	<1	4	4	<1	<1	<1.0	14	<1	0.2
YP-69-51-104	06-04-91	<1.0	20	8	5	1	<1	<1.0	13	<1	0.1
YP-69-51-114	06-05-91	<1.0	<1	6	10	<1	<1	<1.0	82	<1	0.3

Actual value is less than value shown.

## ORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	NAPH- THA- LENES, POLY- CHLOR.								
			PER- THANE TOTAL (UG/L)	TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	LINDANE TOTAL (UG/L)	CHLOR- DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	
YP-69-36-702	06-25-91	1245	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010	
YP-69-42-606	06-04-91	1030	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010	
YP-69-43-606	06-04-91	0900	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010	
YP-69-50-203	06-04-91	1330	--	--	--	--	--	--	--	--	
YP-69-50-609	06-04-91	1130	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010	
YP-69-51-104	06-04-91	1430	<0.1	<0.10	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010	
YP-69-51-114	06-05-91	0900	--	--	--	--	--	--	--	--	
LOCAL WELL NUMBER	DATE		DI- ELDRIN TOTAL (UG/L)	ENDO- SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	TOX- APHENE, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	PCB, TOTAL (UG/L)	MALA- THION, TOTAL (UG/L)
YP-69-36-702	06-25-91		<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
YP-69-42-606	06-04-91		<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
YP-69-43-606	06-04-91		<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
YP-69-50-203	06-04-91		--	--	--	--	--	--	--	--	--
YP-69-50-609	06-04-91		<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
YP-69-51-104	06-04-91		<0.010	<0.010	<0.010	<0.01	<1	<0.010	<0.010	<0.1	<0.01
YP-69-51-114	06-05-91		--	--	--	--	--	--	--	--	--
LOCAL WELL NUMBER	DATE		PARA- THION, TOTAL (UG/L)	DI- AZINON, TOTAL (UG/L)	METHYL PARA- THION, TOTAL (UG/L)	2,4-D, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	MIREX, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	TOTAL TRI- THION (UG/L)	METHYL TRI- THION, TOTAL (UG/L)
YP-69-36-702	06-25-91		<0.01	<0.01	<0.01	--	--	<0.01	--	<0.01	<0.01
YP-69-42-606	06-04-91		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
YP-69-43-606	06-04-91		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
YP-69-50-203	06-04-91		--	--	--	--	--	--	--	--	--
YP-69-50-609	06-04-91		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
YP-69-51-104	06-04-91		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
YP-69-51-114	06-05-91		--	--	--	--	--	--	--	--	--
LOCAL WELL NUMBER	DATE		DI- CHLORO- BROMO- METHANE TOTAL (UG/L)	CARBON- TETRA- CHLO- RIDE TOTAL (UG/L)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L)	BROMO- FORM TOTAL (UG/L)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L)	CHLORO- FORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	CHLORO- BENZENE TOTAL (UG/L)
YP-69-36-702	06-25-91		--	--	--	--	--	--	--	--	--
YP-69-42-606	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-43-606	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-50-203	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-50-609	06-04-91		--	--	--	--	--	--	--	--	--
YP-69-51-104	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-51-114	06-05-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
LOCAL WELL NUMBER	DATE		CHLORO- ETHANE TOTAL (UG/L)	ETHYL- BENZENE TOTAL (UG/L)	METHYL- BROMIDE TOTAL (UG/L)	METHYL- ENE CHLO- RIDE TOTAL (UG/L)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L)
YP-69-36-702	06-25-91		--	--	--	--	--	--	--	--	--
YP-69-42-606	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-43-606	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-50-203	06-04-91		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
YP-69-50-609	06-04-91		--	--	--	--	--	--	--	--	--
YP-69-51-104	06-04-91		<0.20	<0.20	<0.20	<0.20	5.5	<0.20	<0.20	<0.20	<0.20
YP-69-51-114	06-05-91		<0.20	<0.20	<0.20	<0.20	7.6	<0.20	<0.20	<0.20	<0.20

See footnote at end of table.

## WATER QUALITY, UVALDE COUNTY--Continued

## ORGANIC DATA--Continued

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L)	1,2- TRANS DI- CHLORO- ETHENE TOTAL (UG/L)	1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	2- CHLORO- ETHYL- VINYL- ETHER TOTAL (UG/L)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L)	VINYL CHLO- RIDE TOTAL (UG/L)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L)
YP-69-36-702	06-25-91	--	--	--	--	--	--	--	--	--
YP-69-42-606	06-04-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
YP-69-43-606	06-04-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
YP-69-50-203	06-04-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
YP-69-50-609	06-04-91	--	--	--	--	--	--	--	--	--
YP-69-51-104	06-04-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
YP-69-51-114	06-05-91	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2

&lt; Actual value is less than value shown.



## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

WALLER COUNTY

LOCAL WELL NUMBER	SITE ID	Page		
		<u>HY</u>	<u>WL</u>	<u>QW</u>
YW-65-09-213	295044095565201 .....		191	
YW-65-09-301	295034095533501 .....		191	

HY - Hydrograph  
WL - Water-Level Record  
QW - Water-Quality Record

## WATER RESOURCES DATA - TEXAS, 1991

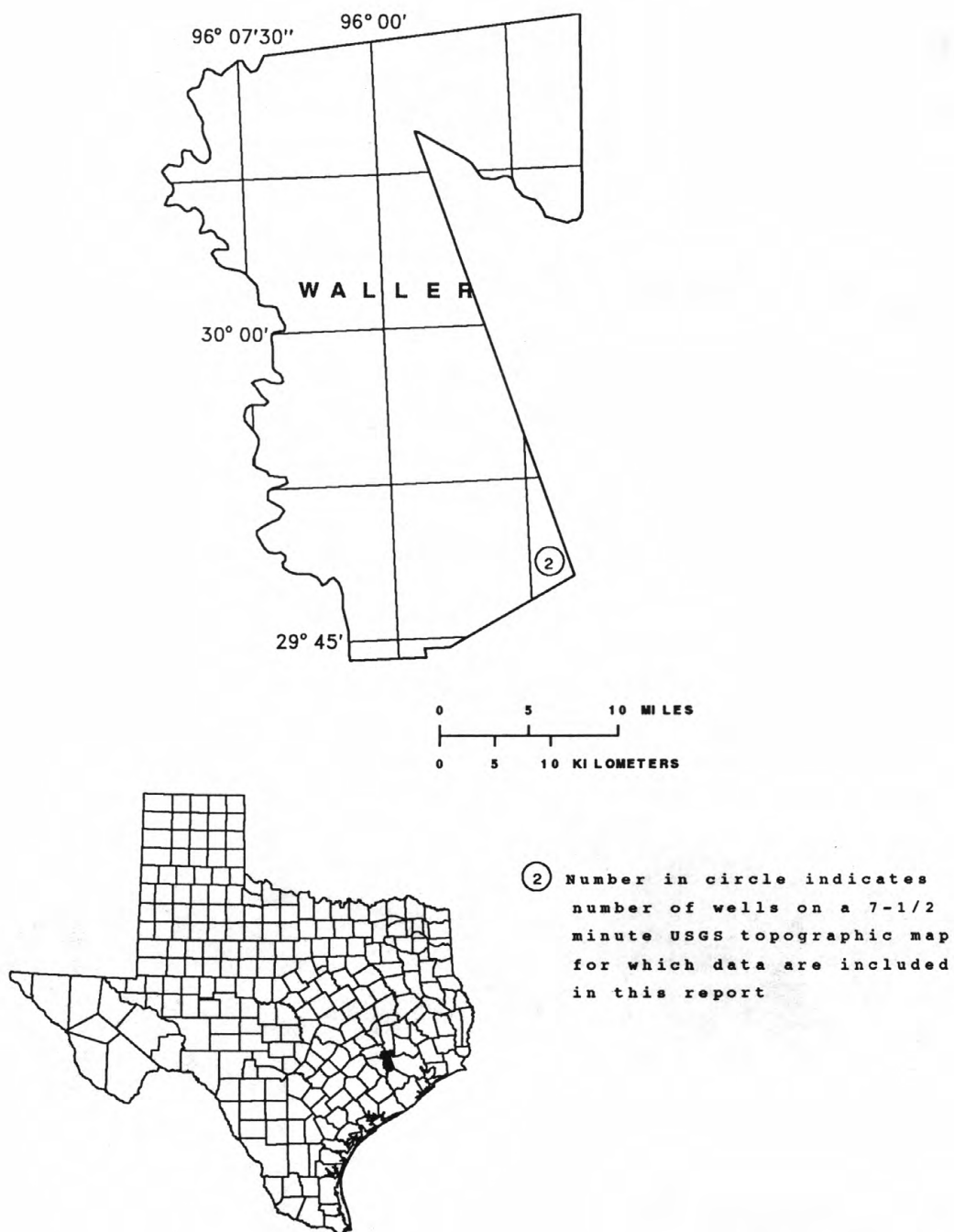


Figure 54.--Waller County map.

WATER LEVELS, WALLER COUNTY

191

WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 295044095565201  
LOCAL WELL NUMBER: YW-65-09-213

A. ROBICHAUX IRRIGATION WELL LOCATED AT 33218 WALLER-BROOKSHIRE ROAD, 4.5 MILES NORTH OF U.S. HIGHWAY 90 IN BROOKSHIRE, TEXAS. DEPTH OF WELL 1,064 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS FROM 336 TO 1,064 FEET IN THE EVANGELINE AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 180 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 141.30 S

PERIOD OF RECORD    HIGHEST 105.48 MAR 10, 1970    LOWEST 182.23 SEP 04, 1984  
RECORD AVAILABLE FROM MAR 10, 1970 TO JAN 15, 1991    48 ENTRIES

SITE NUMBER: 295034095533501  
LOCAL WELL NUMBER: YW-65-09-301

L.E. MORRISON IRRIGATION WELL LOCATED 4 MILES NORTH OF U.S. HIGHWAY 90 ON AN ACCESS ROAD 1,000 FEET WEST OF FARM TO MARKET ROAD 2855. DEPTH OF WELL 450 FEET. DIAMETER OF UPPER CASING 20 INCHES. SCREENED INTERVALS IN THE CHICOT AQUIFER. ALTITUDE OF LAND-SURFACE DATUM 173 FEET.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER  
LEVEL MS

JAN 15 111.82 S

PERIOD OF RECORD    HIGHEST 84.30 MAR 08, 1960    LOWEST 127.23 OCT 25, 1982  
RECORD AVAILABLE FROM DEC 02, 1959 TO JAN 15, 1991    39 ENTRIES

## WATER RESOURCES DATA - TEXAS, 1991

## GROUND-WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED

WILLIAMSON COUNTY

LOCAL WELL NUMBER	SITE ID	Page			LOCAL WELL NUMBER	SITE ID	Page		
		HY	WL	QW			HY	WL	QW
ZK-58-19-207	304256097400101 .....			196	ZK-58-27-210	303638097405901 .....			202
ZK-58-19-301	304330097384101 .....			196	ZK-58-27-217	303636097422701 .....			203
ZK-58-19-303	304249097385501 .....			196	ZK-58-27-224	303609097405301 .....			203
ZK-58-19-307	304331097380301 .....			196	ZK-58-27-303	303716097383501 .....			203
ZK-58-19-505	304150097400501 .....			197	ZK-58-27-304	303541097391501 .....			203
ZK-58-19-610	304223097382701 .....			197	ZK-58-27-305	303541097393401 .....			204
ZK-58-19-615	304210097392101 .....			197	ZK-58-27-307	303609097385701 .....			204
ZK-58-19-617	304038097384201 .....			197	ZK-58-27-308	303504097394001 .....			204
ZK-58-19-621	304228097390101 .....	194		198	ZK-58-27-401	303234097430201 .....			204
ZK-58-19-622	304158097391501 .....			198	ZK-58-27-402	303319097430701 .....			205
ZK-58-19-623	304008097385601 .....			198	ZK-58-27-506	303328097414201 .....			205
ZK-58-19-624	304149097374901 .....			198	ZK-58-27-525	303247097414701 .....			205
ZK-58-19-811	303943097400601 .....			199	ZK-58-27-526	303418097401501 .....			205
ZK-58-19-815	303856097401401 .....			199	ZK-58-27-528	303400097415901 .....			206
ZK-58-19-817	303818097404901 .....			199	ZK-58-27-529	303350097422501 .....	195		206
ZK-58-19-902	303759097373501 .....			199	ZK-58-27-530	303343097412801 .....			206
ZK-58-19-907	303952097383501 .....			200	ZK-58-27-531	303433097404001 .....			206
ZK-58-19-908	303923097382201 .....			200	ZK-58-27-532	303429097412601 .....			207
ZK-58-19-909	303828097392001 .....			200	ZK-58-27-533	303347097402201 .....			207
ZK-58-19-910	303908097390701 .....			200	ZK-58-27-603	303303097385301 .....			207
ZK-58-20-202	304236097343301 .....			201	ZK-58-27-605	303422097394501 .....			207
ZK-58-20-409	304035097365001 .....			201	ZK-58-27-606	303307097392201 .....			208
ZK-58-20-413	304212097361601 .....			201	ZK-58-27-607	303404097385201 .....			208
ZK-58-20-701	303827097361401 .....			201	ZK-58-27-833	303227097404501 .....			208
ZK-58-27-102	303612097431501 .....			202	ZK-58-27-917	303212097391501 .....			208
ZK-58-27-103	303601097444301 .....			202	ZK-58-35-102	302817097430101 .....			209 210
ZK-58-27-204	303656097403401 .....			202					

HY - Hydrograph  
 WL - Water-Level Record  
 QW - Water-Quality Record

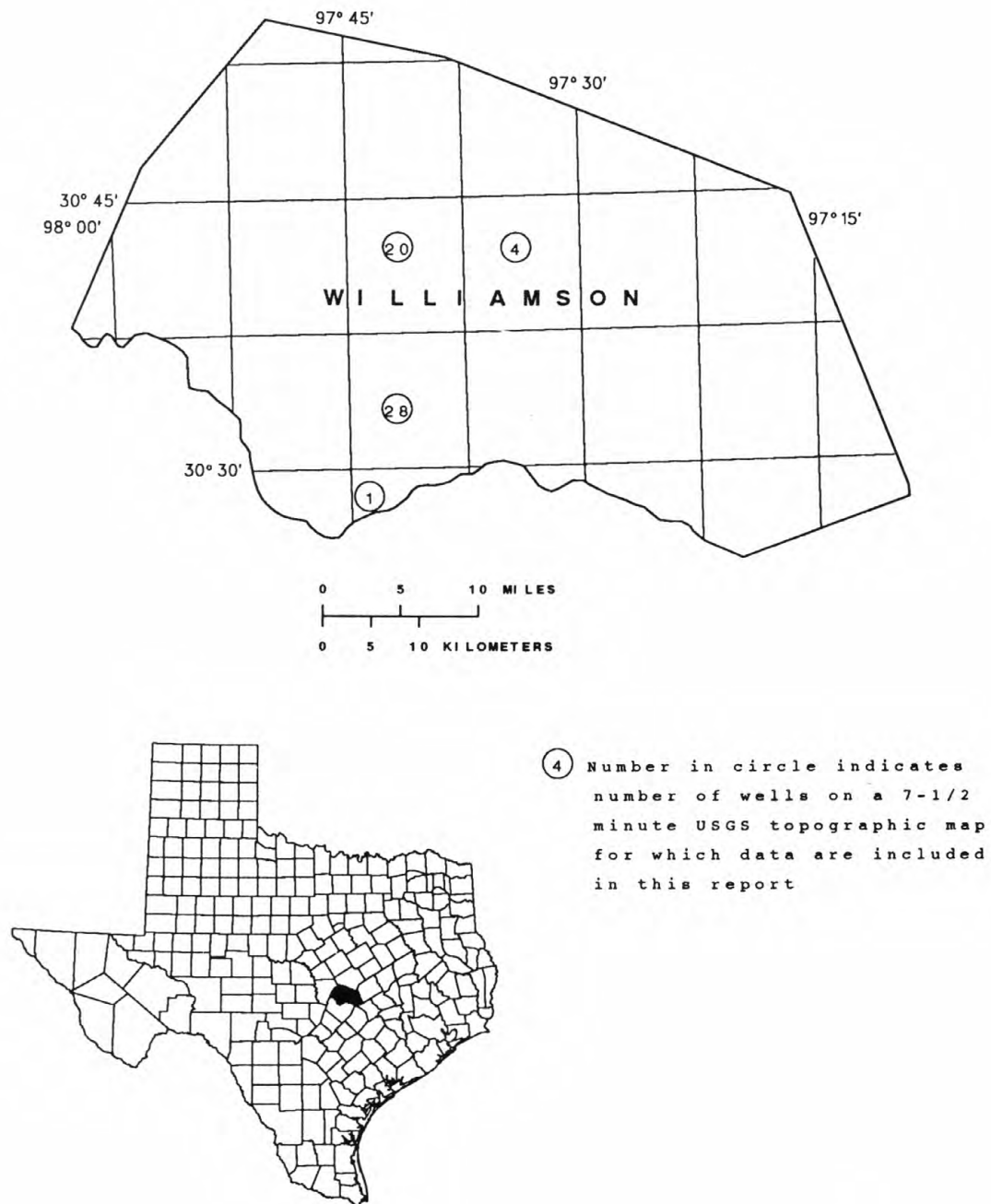


Figure 55.--Williamson County map.

## Williamson County

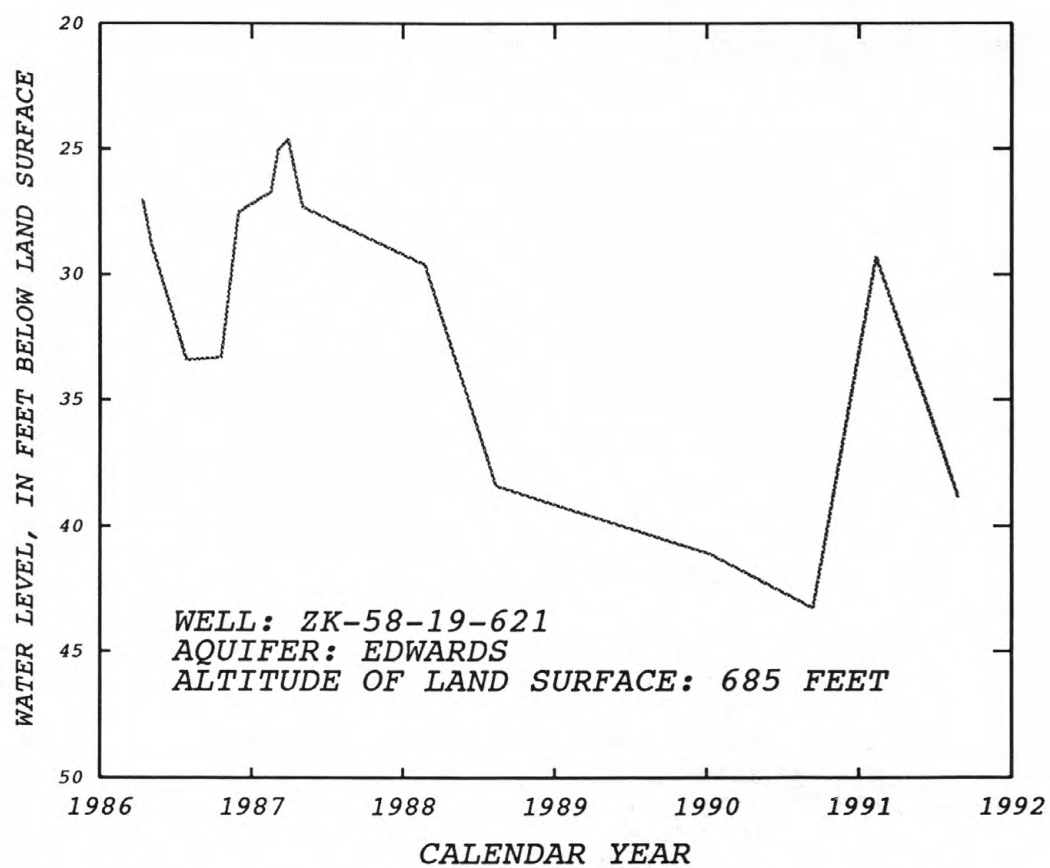


Figure 56.--Hydrograph for well ZK-58-19-621.

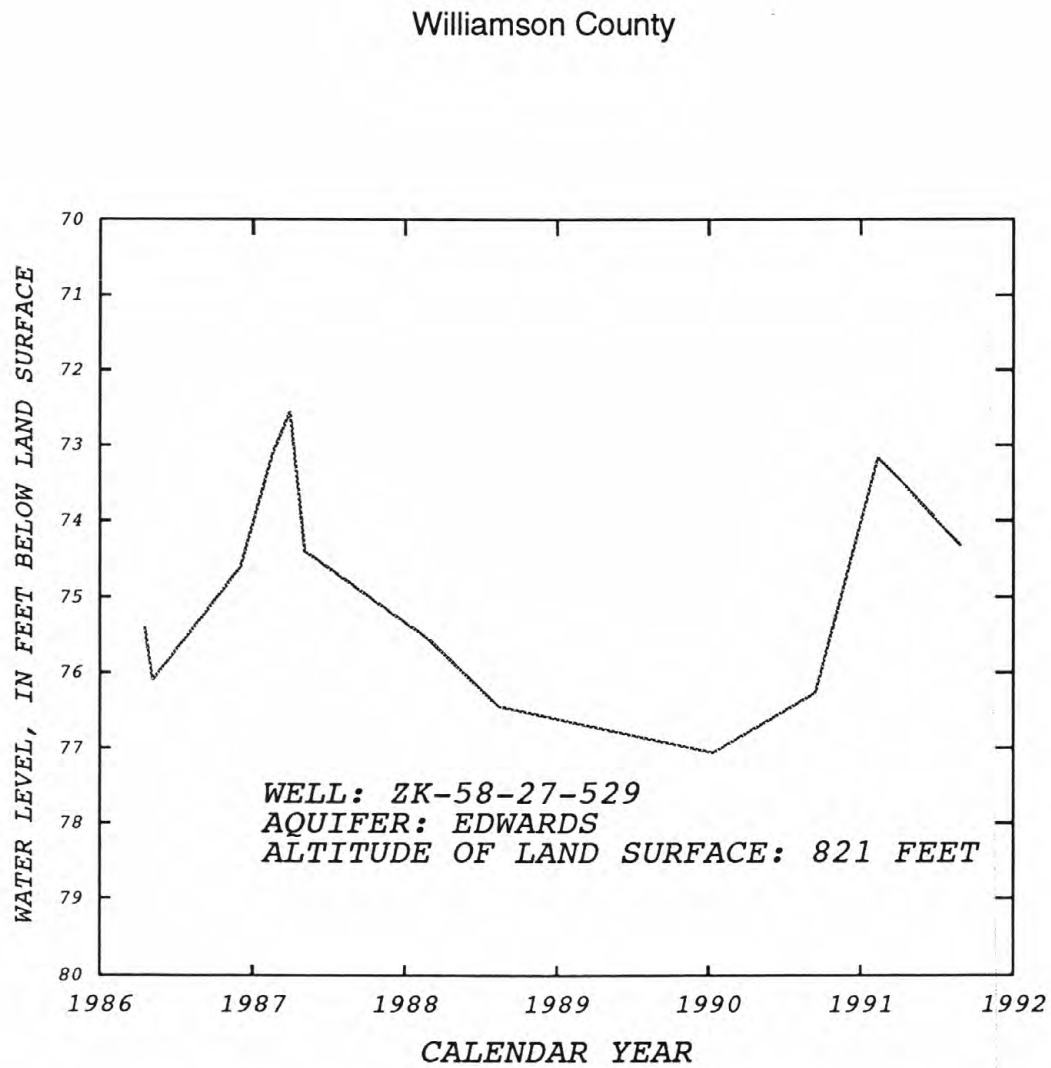


Figure 57.--Hydrograph for well ZK-58-27-529.



WATER LEVELS, WILLIAMSON COUNTY  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 304256097400101  
LOCAL WELL NUMBER: ZK-58-19-207

LOCATED APPROXIMATELY 1.25 MILES NW OF IH-35 ON STATE HWY 195 AND 1,200 FEET WEST AT RESIDENCE. CASING DIAMETER 6 INCHES, DEPTH 108 FEET. ALTITUDE OF LAND-SURFACE DATUM 750 FEET. OWNER: S.Y. SYBERT.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 73.60 S	AUG 26 73.84 S
WATER YEAR 1991	HIGHEST 73.60 FEB 11, 1991      LOWEST 73.84 AUG 26, 1991
PERIOD OF RECORD	HIGHEST 73.60 FEB 11, 1991      LOWEST 73.84 AUG 26, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES

SITE NUMBER: 304330097384101  
LOCAL WELL NUMBER: ZK-58-19-301

AT RESIDENCE ALONG SOUTHBOUND FRONTAGE ROAD OF IH-35, APPROXIMATELY 0.1 MILE NORTH OF STATE HWY 972. CASING DIAMETER 8 INCHES, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 760 FEET. OWNER: JAMES CHRISLIP.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	
DEC 13 121.89 S	
PERIOD OF RECORD	HIGHEST 121.89 DEC 13, 1990      LOWEST 121.89 DEC 13, 1990
	RECORD AVAILABLE FROM DEC 13, 1990 TO DEC 13, 1990      1 ENTRIES

SITE NUMBER: 304249097385501  
LOCAL WELL NUMBER: ZK-58-19-303

LOCATED APPROXIMATELY 0.85 MILE NORTH ON SOUTHBOUND IH-35 FRONTAGE ROAD FROM STATE HWY 195 AND ABOUT 150 FEET WEST. CASING DIAMETER 7 INCHES, DEPTH 175 FEET. ALTITUDE OF LAND-SURFACE DATUM 730 FEET. OWNER: DONALD HOYLE.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 42.43 S	AUG 26 43.44 S
WATER YEAR 1991	HIGHEST 42.43 FEB 11, 1991      LOWEST 43.44 AUG 26, 1991
PERIOD OF RECORD	HIGHEST 42.43 FEB 11, 1991      LOWEST 43.44 AUG 26, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES

SITE NUMBER: 304331097380301  
LOCAL WELL NUMBER: ZK-58-19-307

APPROXIMATELY 0.6 MILE EAST OF IH-35 ON AND 100 FEET SOUTH OF STATE HWY 972 AT RESIDENCE. CASING DIAMETER 8.12 INCHES, DEPTH 165 FEET. ALTITUDE OF LAND-SURFACE DATUM 780 FEET. OWNER: CITY OF GEORGETOWN. OTHER IDENTIFIER: STANTON NO. 4.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 131.28 S	AUG 26 138.99 S
WATER YEAR 1991	HIGHEST 131.28 FEB 11, 1991      LOWEST 138.99 AUG 26, 1991
PERIOD OF RECORD	HIGHEST 131.28 FEB 11, 1991      LOWEST 138.99 AUG 26, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES

## WATER LEVELS, WILLIAMSON COUNTY--Continued

197

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 304150097400501  
LOCAL WELL NUMBER: ZK-58-19-505

LOCATED NORTH ALONG COUNTY ROAD 190, 1.2 MILES FROM AIRPORT ENTRANCE. WELL ON LEFT AT THIRD HOUSE. CASING DIAMETER 8 INCHES, DEPTH 90 FEET. ALTITUDE OF LAND-SURFACE DATUM 720 FEET. OWNER: RALPH PETTY.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS				
FEB 11	51.26 S	AUG 26	52.58 S				
WATER YEAR 1991	HIGHEST	51.26	FEB 11, 1991	LOWEST	52.58	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	51.26	FEB 11, 1991	LOWEST	52.58	AUG 26, 1991	
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991						2 ENTRIES

SITE NUMBER: 304223097382701  
LOCAL WELL NUMBER: ZK-58-19-610

EAST ALONG COUNTY ROAD ON NORTH SIDE OF DRY BERRY CREEK FROM IH-35, TRAVEL APPROXIMATELY 0.7 MILE TO GRAVEL DRIVE ON NORTH SIDE OF FARM ROAD, PROCEED ABOUT 1,200 FEET NORTH ALONG DRIVE TO WELL AND RESIDENCE. CASING DIAMETER 4 INCHES, DEPTH 270 FEET. ALTITUDE OF LAND-SURFACE DATUM 740 FEET. OWNER: LEROY BUCHHEIM.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS				
FEB 11	71.69 S	AUG 29	75.22 S				
WATER YEAR 1991	HIGHEST	71.69	FEB 11, 1991	LOWEST	75.22	AUG 29, 1991	
PERIOD OF RECORD	HIGHEST	71.69	FEB 11, 1991	LOWEST	75.22	AUG 29, 1991	
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 29, 1991						2 ENTRIES

SITE NUMBER: 304210097392101  
LOCAL WELL NUMBER: ZK-58-19-615

PROCEED APPROXIMATELY 800 FEET WEST OF IH-35 SOUTHBOUND FRONTAGE ROAD ON STATE HWY. 195 TO ROAD ON LEFT, TURN SOUTH ABOUT 600 FEET. WELL LOCATED ON LEFT SIDE OF ROAD. CASING DIAMETER 10.75 INCHES, DEPTH 207 FEET. ALTITUDE OF LAND-SURFACE DATUM 715 FEET. OWNER: BOBBY STANTON.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS				
FEB 11	32.87 S	AUG 26	37.43				
WATER YEAR 1991	HIGHEST	32.87	FEB 11, 1991	LOWEST	37.43	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	32.87	FEB 11, 1991	LOWEST	37.43	AUG 26, 1991	
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991						2 ENTRIES

SITE NUMBER: 304038097384201  
LOCAL WELL NUMBER: ZK-58-19-617

LOCATED ON COUNTY ROAD 151 APPROXIMATELY 0.5 MILE SOUTH OF DRY BERRY CREEK AND 200 FEET NORTH OF ROAD. CASING DIAMETER 10 INCHES, DEPTH 270 FEET. ALTITUDE OF LAND-SURFACE DATUM 712 FEET. OWNER: CITY OF GEORGETOWN.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS				
FEB 11	41.29 S	AUG 26	44.93 S				
WATER YEAR 1991	HIGHEST	41.29	FEB 11, 1991	LOWEST	44.93	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	41.29	FEB 11, 1991	LOWEST	44.93	AUG 26, 1991	
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991						2 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 304228097390101  
LOCAL WELL NUMBER: ZK-58-19-621

LOCATED APPROXIMATELY 350 FEET WEST OF IH-35 FRONTAGE ROAD AND 250 NORTH OF STATE HWY 195. CASING DIAMETER 8 INCHES, DEPTH 147 FEET. ALTITUDE OF LAND-SURFACE DATUM 685 FEET. OWNER: LEROY BUCHHORN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 29.30 S	AUG 26 38.85 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 29.30 FEB 11, 1991 HIGHEST 24.6 MAR 30, 1987 RECORD AVAILABLE FROM APR 14, 1986 TO AUG 26, 1991
	LOWEST 38.85 AUG 26, 1991 LOWEST 43.28 SEP 13, 1990 15 ENTRIES

SITE NUMBER: 304158097391501  
LOCAL WELL NUMBER: ZK-58-19-622

LOCATED APPROXIMATELY 0.2 MILE SOUTH OF STATE HWY 195 ON SOUTHBOUND IH-35 FRONTAGE ROAD. CASING DIAMETER 12 INCHES, DEPTH 200 FEET. ALTITUDE OF LAND-SURFACE DATUM 707 FEET. OWNER: BOBBY STANTON.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 33.72 S	AUG 26 37.91 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 33.72 FEB 11, 1991 HIGHEST 33.72 FEB 11, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991
	LOWEST 37.91 AUG 26, 1991 LOWEST 37.91 AUG 26, 1991 2 ENTRIES

SITE NUMBER: 304008097385601  
LOCAL WELL NUMBER: ZK-58-19-623

PROCEED EAST OF STATE HWY 418 ON STATE HWY 971 APPROXIMATELY 1.5 MILES TO COUNTY ROAD, CONTINUE NORTH ON COUNTY ROAD ABOUT 1,400 FEET. WELL ON EAST SIDE OF ROAD ABOUT 150 FEET FROM FENCE, IN FIELD. CASING DIAMETER 8 INCHES, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 688 FEET. OWNER: MR. GARRETT.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 16.88 S	AUG 26 20.84 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 16.88 FEB 11, 1991 HIGHEST 16.88 FEB 11, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991
	LOWEST 20.84 AUG 26, 1991 LOWEST 20.84 AUG 26, 1991 2 ENTRIES

SITE NUMBER: 304149097374901  
LOCAL WELL NUMBER: ZK-58-19-624

TRAVEL WEST ON COUNTY ROAD 149 FROM COUNTY ROAD 140 APPROXIMATELY 0.4 MILE TO GRAVEL DRIVE ON RIGHT, PROCEED ABOUT 0.8 MILE TO WELL. CASING DIAMETER 6 INCHES, DEPTH 240 FEET. ALTITUDE OF LAND-SURFACE DATUM 715 FEET. OWNER: W.C. ALFF.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 66.12 S	AUG 26 70.67 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 66.12 FEB 11, 1991 HIGHEST 66.12 FEB 11, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991
	LOWEST 70.67 AUG 26, 1991 LOWEST 70.67 AUG 26, 1991 2 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

199

SITE NUMBER: 303943097400601  
LOCAL WELL NUMBER: ZK-58-19-811

LOCATED NORTH ON COUNTY ROAD 151 ABOUT 900 FEET FROM STATE HWY 418 AT THREADGILL OIL COMPANY. CASING DIAMETER 7 INCHES, DEPTH 185 FEET. ALTITUDE OF LAND-SURFACE DATUM 710 FEET. OWNER: THREADGILL OIL COMPANY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 52.89 S	AUG 26 73.53 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 52.89 FEB 11, 1991 HIGHEST 52.89 FEB 11, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991
	LOWEST 73.53 AUG 26, 1991 LOWEST 73.53 AUG 26, 1991 2 ENTRIES

SITE NUMBER: 303856097401401  
LOCAL WELL NUMBER: ZK-58-19-815

LOCATED IN SAN GABRIEL PARK 100 FEET NORTH OF PARK ROAD NEAREST TO RIVER. CASING DIAMETER 8 INCHES, DEPTH 205 FEET. ALTITUDE OF LAND-SURFACE DATUM 668 FEET. OWNER: CITY OF GEORGETOWN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 18.07 S	AUG 26 17.40 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 17.40 AUG 26, 1991 HIGHEST 17.40 AUG 26, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991
	LOWEST 18.07 FEB 11, 1991 LOWEST 18.07 FEB 11, 1991 2 ENTRIES

SITE NUMBER: 303818097404901  
LOCAL WELL NUMBER: ZK-58-19-817

LOCATED IN WATER PLANT AT FOREST STREET AND 6TH STREET ON WEST SIDE OF STORAGE TANK. CASING DIAMETER 8 INCHES, DEPTH 219 FEET. ALTITUDE OF LAND-SURFACE DATUM 745 FEET. OWNER: CITY OF GEORGETOWN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 13 80.14 S	AUG 26 80.98 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 80.14 FEB 13, 1991 HIGHEST 80.14 FEB 13, 1991 RECORD AVAILABLE FROM FEB 13, 1991 TO AUG 26, 1991
	LOWEST 80.98 AUG 26, 1991 LOWEST 80.98 AUG 26, 1991 2 ENTRIES

SITE NUMBER: 303759097373501  
LOCAL WELL NUMBER: ZK-58-19-902

TRAVEL APPROXIMATELY 2.9 MILES EAST OF STATE HWY 410 ON STATE HWY 29 TO PAVED ROAD ON RIGHT, CONTINUE ABOUT 0.7 MILE TO RESIDENCE ON HILL ON LEFT. WELL IN SHED NEXT TO BARN/WORKSHOP. CASING DIAMETER 4 INCHES, DEPTH 300 FEET. ALTITUDE OF LAND-SURFACE DATUM 708 FEET. OWNER: NORMAN DOMEL.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 119.72 S	AUG 26 123.42 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 119.72 FEB 11, 1991 HIGHEST 75 JUN 24, 1971 RECORD AVAILABLE FROM JUN 24, 1971 TO AUG 26, 1991
	LOWEST 123.42 AUG 26, 1991 LOWEST 149.22 SEP 13, 1990 12 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
- WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 303952097383501  
LOCAL WELL NUMBER: ZK-58-19-907

TRAVEL 1.8 MILES EAST OF STATE HWY 410 ON STATE HWY 971 TO GRAVEL DRIVE ON RIGHT, CONTINUE SOUTH ON DRIVE TO HOUSE. WELL LOCATED IN SMALL SHED ON SOUTH SIDE OF LARGER SHED IN BARNYARD BEHIND HOUSE. CASING DIAMETER 6 INCHES, DEPTH 200 FEET. ALTITUDE OF LAND-SURFACE DATUM 685 FEET. OWNER: LEON PERRIAZ

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS					
FEB 11	30.08 S	AUG 26	34.13 S				
WATER YEAR 1991	HIGHEST	30.08	FEB 11, 1991	LOWEST	34.13	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	30.08	FEB 11, 1991	LOWEST	34.13	AUG 26, 1991	
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991							2 ENTRIES

SITE NUMBER: 303923097382201  
LOCAL WELL NUMBER: ZK-58-19-908

TRAVEL 1.8 MILES EAST OF STATE HWY 418 ON STATE HWY 971 TO GRAVEL ROAD ON RIGHT, CONTINUE SOUTH ON GRAVEL ROAD 0.7 MILE TO WELL AT RESIDENCE. CASING DIAMETER 6 INCHES, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 660 FEET. OWNER: MR. STILES.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS					
FEB 11	35.48 S	AUG 26	41.13 S				
WATER YEAR 1991	HIGHEST	35.48	FEB 11, 1991	LOWEST	41.13	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	35.48	FEB 11, 1991	LOWEST	41.13	AUG 26, 1991	
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991							2 ENTRIES

SITE NUMBER: 303828097392001  
LOCAL WELL NUMBER: ZK-58-19-909

LOCATED ON COUNTY ROAD 188 ABOUT 0.5 MILE NORTH OF STATE HWY. 29 AT WINDMILL ON NORTH SIDE OF ROAD. CASING DIAMETER 6 INCHES, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 710. OWNER: UNKNOWN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS					
FEB 11	55.11 S	AUG 26	56.35 S				
WATER YEAR 1991	HIGHEST	55.11	FEB 11, 1991	LOWEST	56.35	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	55.11	FEB 11, 1991	LOWEST	56.35	AUG 26, 1991	
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991							2 ENTRIES

SITE NUMBER: 303908097390701  
LOCAL WELL NUMBER: ZK-58-19-910

TRAVEL APPROXIMATELY 1.2 MILES EAST ON STATE HWY 971 FROM STATE HWY 418, NORTH OF GEORGETOWN, THEN APPROXIMATELY 0.7 MILE SOUTH ON LIMESTONE ROAD TO NURSERY AND 350 FEET SOUTH OF OFFICE TO BANK OF SAN GABRIEL RIVER AND WELL. DIAMETER OF WELL 6-5/8 INCHES, DEPTH 165 FEET. ALTITUDE OF LAND-SURFACE DATUM 695.11 FEET. OWNER: U.S. GEOLOGICAL SURVEY. OTHER IDENTIFIER: SG-1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
NOV 05	36.06 S	FEB 11	29.71 S	MAY 22	28.08 S	AUG 26	38.44 S
JAN 07	32.97 S	APR 04	30.09 S	JUL 11	34.37 S		
WATER YEAR 1991	HIGHEST	28.08	MAY 22, 1991	LOWEST	38.44	AUG 26, 1991	
PERIOD OF RECORD	HIGHEST	28.08	MAY 22, 1991	LOWEST	38.99	OCT 15, 1991	
RECORD AVAILABLE FROM NOV 05, 1990 TO OCT 15, 1991							8 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

201

SITE NUMBER: 304236097343301  
LOCAL WELL NUMBER: ZK-58-20-202

LOCATED 1.8 MILES SOUTH OF WALBERG ON STATE HWY 1105 AT RESIDENCE. CASING DIAMETER 7 INCHES, DEPTH 405 FEET. ALTITUDE OF LAND-SURFACE DATUM 825 FEET. OWNER: MR. YORK.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	
AUG 26	270.7 S
PERIOD OF RECORD	HIGHEST 270.7 AUG 26, 1991      LOWEST 270.7 AUG 26, 1991 RECORD AVAILABLE FROM AUG 26, 1991 TO AUG 26, 1991      1 ENTRIES

SITE NUMBER: 304035097365001  
LOCAL WELL NUMBER: ZK-58-20-409

OBSERVATION WELL LOCATED ON STATE HWY 971 EAST OF GEORGETOWN, APPROXIMATELY 350 FEET EAST OF BERRY CREEK ON NORTH SIDE OF HWY. DIAMETER OF WELL 6-5/8 INCHES, DEPTH 200 FEET. ALTITUDE OF LAND-SURFACE DATUM 635.67 FEET. OWNER: U.S. GEOLOGICAL SURVEY. OTHER IDENTIFIER: BC-1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
NOV 05	24.15 S	FEB 11	17.55 S	MAY 22	7.68 S	AUG 26	20.79 S
JAN 07	22.85 S	APR 04	10.54 S	JUL 11	14.86 S		
WATER YEAR 1991	HIGHEST 7.68 MAY 22, 1991	LOWEST 24.15 NOV 05, 1990					
PERIOD OF RECORD	HIGHEST 7.68 MAY 22, 1991	LOWEST 24.15 NOV 05, 1990					
	RECORD AVAILABLE FROM NOV 05, 1990 TO NOV 01, 1991      9 ENTRIES						

SITE NUMBER: 304212097361601  
LOCAL WELL NUMBER: ZK-58-20-413

LOCATED APPROXIMATELY 0.7 MILE EAST OF COUNTY ROAD 140 ON COUNTY ROAD 162 IN A WELL SHED NORTH SIDE OF FIELD 300 FEET BEHIND HOUSE. CASING DIAMETER 6 INCHES, DEPTH 360 FEET. ALTITUDE OF LAND-SURFACE DATUM 752 FEET. OWNER: ERNEST FARRACK.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
FEB 11	127.24 S	AUG 26	130.32 S
WATER YEAR 1991	HIGHEST 127.24 FEB 11, 1991	LOWEST 130.32 AUG 26, 1991	
PERIOD OF RECORD	HIGHEST 127.24 FEB 11, 1991	LOWEST 130.32 AUG 26, 1991	
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES		

SITE NUMBER: 303827097361401  
LOCAL WELL NUMBER: ZK-58-20-701

TRAVEL 1.2 MILES WEST OF SAN GABRIEL RIVER ON STATE HWY 29 THEN ABOUT 1,200 FEET SOUTH TO RESIDENCE. WELL LOCATED BEHIND HOUSE NEAR CARPORT. CASING DIAMETER 6 INCHES, DEPTH 351 FEET. ALTITUDE OF LAND-SURFACE DATUM 705 FEET. OWNER: CARL BUCHHORN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
FEB 11	97.44 S	AUG 26	100.79 S
WATER YEAR 1991	HIGHEST 97.44 FEB 11, 1991	LOWEST 100.79 AUG 26, 1991	
PERIOD OF RECORD	HIGHEST 97.44 FEB 11, 1991	LOWEST 100.79 AUG 26, 1991	
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES		



WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 303612097431501  
LOCAL WELL NUMBER: ZK-58-27-102

TRAVEL APPROXIMATELY 2.3 MILES WEST OF IH-35 ON STATE HWY 2243, CONTINUE ON SOUTH SIDE OF HWY CLOSE TO FENCE ABOUT 80 FEET EAST OF CENTER-LINE OF CULVERT BETWEEN 2 WHITE 4X4 INCH POSTS. CASING DIAMETER 3 INCHES, DEPTH 105 FEET. ALTITUDE OF LAND-SURFACE DATUM 905 FEET. OWNER: TEXAS DEPARTMENT OF WATER RESOURCES.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS			
FEB 11	78.64 S	AUG 28	79.24 S			
WATER YEAR 1991	HIGHEST 78.64	FEB 11, 1991	LOWEST 79.24	AUG 28, 1991		
PERIOD OF RECORD	HIGHEST 78.64	FEB 11, 1991	LOWEST 79.24	AUG 28, 1991		
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991					2 ENTRIES

SITE NUMBER: 303601097444301  
LOCAL WELL NUMBER: ZK-58-27-103

LOCATED APPROXIMATELY 3.8 MILES WEST OF IH-35 ON STATE HWY 2243 ON THE SOUTH SIDE OF HWY BETWEEN 2 WHITE 4X4 INCH POSTS. CASING DIAMETER 3 INCHES, DEPTH 108 FEET. ALTITUDE OF LAND-SURFACE DATUM 940 FEET. OWNER: TEXAS DEPARTMENT OF WATER RESOURCES.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS		WATER LEVEL MS			
FEB 11	55.50 S	AUG 28	68.6 S			
WATER YEAR 1991	HIGHEST 55.50	FEB 11, 1991	LOWEST 68.6	AUG 28, 1991		
PERIOD OF RECORD	HIGHEST 55.50	FEB 11, 1991	LOWEST 68.6	AUG 28, 1991		
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991					2 ENTRIES

SITE NUMBER: 303656097403401  
LOCAL WELL NUMBER: ZK-58-27-204

TRAVEL 0.35 MILE SOUTH OF STATE HWY 2243 ON STATE HWY 418 TO GRAVEL DRIVE/ROAD ON LEFT, CONTINUE ABOUT 0.5 MILE ALONG ROAD TO WELL. CASING DIAMETER 5 INCHES, DEPTH 130 FEET. ALTITUDE OF LAND-SURFACE DATUM 761.3 FEET. OWNER: BEN HARTMAN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS					
AUG 28	91.01 S					
PERIOD OF RECORD	HIGHEST 91.01	AUG 28, 1991	LOWEST 91.01	AUG 28, 1991		
	RECORD AVAILABLE FROM AUG 28, 1991 TO AUG 28, 1991					1 ENTRIES

SITE NUMBER: 303638097405901  
LOCAL WELL NUMBER: ZK-58-27-210

EXIT NORTHBOUND IH-35 TO STATE HWY 418 SOUTH OF GEORGETOWN AND PROCEED 0.75 MILE FROM EXIT AND 500 FEET EAST OF HWY. CASING DIAMETER 8 INCHES, DEPTH 165 FEET. ALTITUDE OF LAND-SURFACE DATUM 773 FEET. OWNER: CITY OF GEORGETOWN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

	WATER LEVEL MS					
AUG 28	108.37 S					
PERIOD OF RECORD	HIGHEST 108.37	AUG 28, 1991	LOWEST 108.37	AUG 28, 1991		
	RECORD AVAILABLE FROM AUG 28, 1991 TO AUG 28, 1991					1 ENTRIES



## WATER LEVELS, WILLIAMSON COUNTY--Continued

203

## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 303636097422701  
LOCAL WELL NUMBER: ZK-58-27-217

LOCATED APPROXIMATELY 1.4 MILES WEST OF IH-35 ON STATE HWY 2243 ON SOUTH SIDE OF HWY BETWEEN 2 WHITE 4X4 INCH POSTS NEAR FENCE LINE. CASING DIAMETER 3 INCHES, DEPTH 121 FEET. ALTITUDE OF LAND-SURFACE DATUM 855 FEET. OWNER: TEXAS DEPARTMENT OF WATER RESOURCES.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
FEB 11	81.57 S	AUG 28	82.43 S
WATER YEAR 1991	HIGHEST 81.57	FEB 11, 1991	LOWEST 82.43
PERIOD OF RECORD	HIGHEST 81.57	FEB 11, 1991	LOWEST 82.43
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991		2 ENTRIES	

SITE NUMBER: 303609097405301  
LOCAL WELL NUMBER: ZK-58-27-224

TURN EAST ON ROAD AT GEORGETOWN CANDLE FACTORY FROM NORTHBOUND IH-35 FRONTAGE ROAD, CONTINUE ABOUT 0.35 MILE TO RESIDENCE OF ANDY VERNENGO. CASING DIAMETER 6 INCHES, DEPTH 160 FEET. ALTITUDE OF LAND-SURFACE DATUM 805 FEET. OWNER: MRS. OWEN SHERRILL.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
FEB 11	118.2 S	AUG 28	117.85 S
WATER YEAR 1991	HIGHEST 117.85	AUG 28, 1991	LOWEST 118.2
PERIOD OF RECORD	HIGHEST 117.85	AUG 28, 1991	LOWEST 118.2
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991		2 ENTRIES	

SITE NUMBER: 303716097383501  
LOCAL WELL NUMBER: ZK-58-27-303

SOUTH APPROXIMATELY 1.55 MILES ON HUTTO ROAD FROM STATE HWY 29 IN GEORGETOWN. WHERE THE ROAD TURNS BACK SOUTH, CONTINUE ABOUT 400 FEET STRAIGHT AND 200 FEET SOUTH OF CENTER-LINE OF UNIMPROVED ROAD. CASING DIAMETER UNKNOWN, DEPTH 306 FEET. ALTITUDE OF LAND-SURFACE DATUM 784 FEET. OWNER: VIRGIL A. BARNES.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
FEB 11	175.5 S	AUG 28	160.2 S
WATER YEAR 1991	HIGHEST 160.2	AUG 28, 1991	LOWEST 175.5
PERIOD OF RECORD	HIGHEST 160.2	AUG 28, 1991	LOWEST 175.5
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991		2 ENTRIES	

SITE NUMBER: 303541097391501  
LOCAL WELL NUMBER: ZK-58-27-304

LOCATED 650 FEET SOUTH OF WESTINGHOUSE ROAD ON STATE HWY 1460 AND 600 FEET EAST AT RESIDENCE. CASING DIAMETER 4 INCHES, DEPTH 340 FEET. ALTITUDE OF LAND-SURFACE DATUM 840 FEET. OWNER: SAMUEL HULLUM.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
FEB 11	182.2 S	AUG 28	185.20 S
WATER YEAR 1991	HIGHEST 182.2	FEB 11, 1991	LOWEST 185.20
PERIOD OF RECORD	HIGHEST 182.2	FEB 11, 1991	LOWEST 185.20
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991		2 ENTRIES	

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 303541097393401  
LOCAL WELL NUMBER: ZK-58-27-305

LOCATED APPROXIMATELY 0.5 MILE NORTH OF WESTINGHOUSE ROAD ON STATE HWY 1460 AND ABOUT 400 FEET EAST OF HWY. CASING DIAMETER 6 INCHES, DEPTH 332 FEET. ALTITUDE OF LAND-SURFACE DATUM 840 FEET. OWNER: TEXAS DEPARTMENT OF WATER RESOURCES.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 162.3 S	AUG 28 164.70 S
WATER YEAR 1991	HIGHEST 162.3 FEB 11, 1991      LOWEST 164.70 AUG 28, 1991
PERIOD OF RECORD	HIGHEST 162.3 FEB 11, 1991      LOWEST 164.70 AUG 28, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991      2 ENTRIES

SITE NUMBER: 303609097385701  
LOCAL WELL NUMBER: ZK-58-27-307

TRAVEL APPROXIMATELY 0.75 MILE NORTH OF WESTINGHOUSE ROAD ON STATE HWY 1460, CONTINUE EAST ON GRAVEL ROAD/DRIVE ABOUT 0.75 MILE TO FENCE LINE AND GATE THEN THROUGH GATE 1,000 FEET TO THE NORTHEAST ON HILL NEAR FENCE. CASING DIAMETER 6 INCHES, DEPTH 360 FEET. ALTITUDE OF LAND-SURFACE DATUM 832 FEET. OWNER: BUZZ LANDRY.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 195.6 S	AUG 26 200.25 S
WATER YEAR 1991	HIGHEST 195.6 FEB 11, 1991      LOWEST 200.25 AUG 26, 1991
PERIOD OF RECORD	HIGHEST 195.6 FEB 11, 1991      LOWEST 200.25 AUG 26, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES

SITE NUMBER: 303504097394001  
LOCAL WELL NUMBER: ZK-58-27-308

TRAVEL WEST ON CHANDLER ROAD FROM STATE HWY 1460 TO UNIMPROVED ROAD ON LEFT, CONTINUE ABOUT 800 FEET SOUTH AND 400 FEET EAST OF ROAD. CASING DIAMETER 6 INCHES, DEPTH 210 FEET. ALTITUDE OF LAND-SURFACE DATUM 880 FEET. OWNER: JOHN H. NASH, JR.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 201.5 S	AUG 27 206.72 S
WATER YEAR 1991	HIGHEST 201.5 FEB 11, 1991      LOWEST 206.72 AUG 27, 1991
PERIOD OF RECORD	HIGHEST 201.5 FEB 11, 1991      LOWEST 206.72 AUG 27, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 27, 1991      2 ENTRIES

SITE NUMBER: 303234097430201  
LOCAL WELL NUMBER: ZK-58-27-401

TRAVEL APPROXIMATELY 2.5 MILES WEST OF IH-35 ON COUNTY ROAD 125 TO UNIMPROVED ROAD ON RIGHT, CONTINUE ALONG ROAD ABOUT 1.6 MILES TO WELL ON RIGHT. CASING DIAMETER 8 INCHES, DEPTH 430 FEET. ALTITUDE OF LAND-SURFACE DATUM 788 FEET. OWNER: LEON BEHRENS.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 12 30.78 S	AUG 29 31.1 S
WATER YEAR 1991	HIGHEST 30.78 FEB 12, 1991      LOWEST 31.1 AUG 29, 1991
PERIOD OF RECORD	HIGHEST 30.78 FEB 12, 1991      LOWEST 31.1 AUG 29, 1991
	RECORD AVAILABLE FROM FEB 12, 1991 TO AUG 29, 1991      2 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS-  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

205

SITE NUMBER: 303319097430701  
LOCAL WELL NUMBER: ZK-58-27-402

LOCATED APPROXIMATELY 1.6 MILES WEST OF IH-35 ON STATE HWY 1431 AND ABOUT 350 FEET NORTH OF HWY. CASING DIAMETER 6 INCHES, DEPTH 114 FEET. ALTITUDE OF LAND-SURFACE DATUM 846 FEET. OWNER: TEXAS CRUSHED STONE.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 129.0 S	AUG 27 135.8 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 129.0 FEB 11, 1991 HIGHEST 129.0 FEB 11, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 27, 1991
	LOWEST 135.8 AUG 27, 1991 LOWEST 135.8 AUG 27, 1991 2 ENTRIES

SITE NUMBER: 303328097414201  
LOCAL WELL NUMBER: ZK-58-27-506

LOCATED APPROXIMATELY 0.2 MILE WEST OF IH-35 AND 300 FEET NORTH OF STATE HWY 1431. CASING DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 750 FEET. OWNER: TEXAS CRUSHED STONE.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 54.2 S	AUG 27 47.6 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 47.6 AUG 27, 1991 HIGHEST 47.6 AUG 27, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 27, 1991
	LOWEST 54.2 FEB 11, 1991 LOWEST 54.2 FEB 11, 1991 2 ENTRIES

SITE NUMBER: 303247097414701  
LOCAL WELL NUMBER: ZK-58-27-525

TRAVEL 600 FEET WEST OF SOUTHBOUND IH-35 FRONTAGE ROAD ON CHISHOLM TRAIL ROAD, CONTINUE 700 FEET WEST TO RESIDENCE. CASING DIAMETER 8 INCHES, DEPTH 350 FEET. ALTITUDE OF LAND-SURFACE DATUM 758 FEET. OWNER: LEON BEHRENS.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 12 88.70 S	AUG 29 75.9 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 75.9 AUG 29, 1991 HIGHEST 75.9 AUG 29, 1991 RECORD AVAILABLE FROM FEB 12, 1991 TO AUG 29, 1991
	LOWEST 88.70 FEB 12, 1991 LOWEST 88.70 FEB 12, 1991 2 ENTRIES

SITE NUMBER: 303418097401501  
LOCAL WELL NUMBER: ZK-58-27-526

TRAVEL EAST OF NORTHBOUND IH-35 FRONTAGE ROAD 1.25 MILES ON CHANDLER ROAD TO UNIMPROVED ROAD ON LEFT, CONTINUE NORTH ABOUT 0.5 MILE TO WELL. CASING DIAMETER 5 INCHES, DEPTH 304 FEET. ALTITUDE OF LAND-SURFACE DATUM 874 FEET. OWNER: JOHN H. NASH, JR.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 12 178.9 S	AUG 27 177.7 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 177.7 AUG 27, 1991 HIGHEST 177.7 AUG 27, 1991 RECORD AVAILABLE FROM FEB 12, 1991 TO AUG 27, 1991
	LOWEST 178.9 FEB 12, 1991 LOWEST 178.9 FEB 12, 1991 2 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 303400097415901  
LOCAL WELL NUMBER: ZK-58-27-528

LOCATED APPROXIMATELY 0.4 MILE WEST OF IH-35 AND 500 FEET WEST OF ELECTRICAL SUBSTATION AND ABOUT 0.7 MILE SOUTH OF WESTINGHOUSE ROAD. CASING DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 772 FEET. OWNER: TEXAS CRUSHED STONE.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 71.60 S	AUG 27 68.3 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 68.3 AUG 27, 1991 HIGHEST 68.3 AUG 27, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 27, 1991
	LOWEST 71.60 FEB 11, 1991 LOWEST 71.60 FEB 11, 1991 2 ENTRIES

SITE NUMBER: 303350097422501  
LOCAL WELL NUMBER: ZK-58-27-529

LOCATED APPROXIMATELY 0.9 MILE SOUTH OF WESTINGHOUSE ROAD AND ABOUT 0.9 WEST OF IH-35. CASING DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 821 FEET. OWNER: TEXAS CRUSHED STONE.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 73.16 S	AUG 27 74.33 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 73.16 FEB 11, 1991 HIGHEST 72.55 MAR 31, 1987 RECORD AVAILABLE FROM APR 18, 1986 TO AUG 27, 1991
	LOWEST 74.33 AUG 27, 1991 LOWEST 77.06 JAN 12, 1990 12 ENTRIES

SITE NUMBER: 303343097412801  
LOCAL WELL NUMBER: ZK-58-27-530

LOCATED APPROXIMATELY 0.25 MILE NORTH ALONG NORTHBOUND IH-35 FRONTAGE ROAD FROM CHANDLER ROAD INTERSECTION, ON RIGHT. CASING DIAMETER 6 INCHES, DEPTH 200 FEET. ALTITUDE OF LAND-SURFACE DATUM 769 FEET. OWNER: JOHN H. NASH, JR.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 71.70 S	AUG 27 65.76 S
WATER YEAR 1991 PERIOD OF RECORD	HIGHEST 65.76 AUG 27, 1991 HIGHEST 65.76 AUG 27, 1991 RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 27, 1991
	LOWEST 71.70 FEB 11, 1991 LOWEST 71.70 FEB 11, 1991 2 ENTRIES

SITE NUMBER: 303433097404001  
LOCAL WELL NUMBER: ZK-58-27-531

TRAVEL APPROXIMATELY 0.75 MILE EAST OF NORTHBOUND IH-35 FRONTAGE ROAD ON WESTINGHOUSE ROAD TO INTERSECTION, CONTINUE SOUTH ON UNIMPROVED ROAD ABOUT 0.5 MILE TO RESIDENCE. CASING DIAMETER 6 INCHES, DEPTH 300 FEET. ALTITUDE OF LAND-SURFACE DATUM 845 FEET. OWNER: NORMA S. STEELE.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
AUG 28 149.49 S	
PERIOD OF RECORD	HIGHEST 149.49 AUG 28, 1991 HIGHEST 149.49 AUG 28, 1991 RECORD AVAILABLE FROM AUG 28, 1991 TO AUG 28, 1991
	LOWEST 149.49 AUG 28, 1991 LOWEST 149.49 AUG 28, 1991 1 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

207

SITE NUMBER: 303429097412601  
LOCAL WELL NUMBER: ZK-58-27-532

TRAVEL SOUTH OF WESTINGHOUSE ROAD ON NORTHBOUND IH-35 FRONTAGE ROAD APPROXIMATELY 800 FEET, CONTINUE 400 FEET EAST TO RESIDENCE. CASING DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 829 FEET. OWNER: RAY ISSAC.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 123.20 S	AUG 28 121.63 S
WATER YEAR 1991	HIGHEST 121.63 AUG 28, 1991      LOWEST 123.20 FEB 11, 1991
PERIOD OF RECORD	HIGHEST 121.63 AUG 28, 1991      LOWEST 123.20 FEB 11, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991      2 ENTRIES

SITE NUMBER: 303347097402201  
LOCAL WELL NUMBER: ZK-58-27-533

TRAVEL 1.2 MILES EAST OF NORTHBOUND IH-35 FRONTAGE ROAD ON CHANDLER ROAD TO DRIVE ON RIGHT, CONTINUE ABOUT 450 FEET SOUTH OF ROAD. CASING DIAMETER 6 INCHES, DEPTH 280 FEET. ALTITUDE OF LAND-SURFACE DATUM 818 FEET. OWNER: LOGAN BARTZ.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 125.40 S	AUG 28 134.60 S
WATER YEAR 1991	HIGHEST 125.40 FEB 11, 1991      LOWEST 134.60 AUG 28, 1991
PERIOD OF RECORD	HIGHEST 125.40 FEB 11, 1991      LOWEST 134.60 AUG 28, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991      2 ENTRIES

SITE NUMBER: 303303097385301  
LOCAL WELL NUMBER: ZK-58-27-603

TRAVEL APPROXIMATELY 1.35 MILES NORTH OF U.S. HWY 79 ON STATE HWY 1460 ON LEFT, CONTINUE ABOUT 300 FEET FROM HWY AT RESIDENCE. CASING DIAMETER 5 INCHES, DEPTH 380 FEET. ALTITUDE OF LAND-SURFACE DATUM 738 FEET. OWNER: RUDOLPH WALLIN.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 11 148.30 S	AUG 26 149.63 S
WATER YEAR 1991	HIGHEST 148.30 FEB 11, 1991      LOWEST 149.63 AUG 26, 1991
PERIOD OF RECORD	HIGHEST 148.30 FEB 11, 1991      LOWEST 149.63 AUG 26, 1991
	RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 26, 1991      2 ENTRIES

SITE NUMBER: 303422097394501  
LOCAL WELL NUMBER: ZK-58-27-605

TRAVEL EAST OF NORTHBOUND IH-35 FRONTAGE ROAD 1.25 MILES ON CHANDLER ROAD TO UNIMPROVED ROAD ON LEFT, CONTINUE NORTH ABOUT 1.35 MILES, BEARING RIGHT TO "T" IN ROAD, CONTINUE TO THE RIGHT ABOUT 0.2 MILE TO WELL. CASING DIAMETER 6 INCHES, DEPTH 303 FEET. ALTITUDE OF LAND-SURFACE DATUM 825 FEET. OWNER: JOHN H. NASH, JR.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS	WATER LEVEL MS
FEB 12 169.7 S	AUG 27 175.14 S
WATER YEAR 1991	HIGHEST 169.7 FEB 12, 1991      LOWEST 175.14 AUG 27, 1991
PERIOD OF RECORD	HIGHEST 169.7 FEB 12, 1991      LOWEST 175.14 AUG 27, 1991
	RECORD AVAILABLE FROM FEB 12, 1991 TO AUG 27, 1991      2 ENTRIES

WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

SITE NUMBER: 303307097392201  
LOCAL WELL NUMBER: ZK-58-27-606

TRAVEL APPROXIMATELY 1.6 MILES NORTH OF U.S. HWY 79 ON STATE HWY 1460 TO GRAVEL ROAD ON LEFT, CONTINUE ABOUT 0.85 MILE TO A GROUP OF HOUSES. WELL LOCATED BEHIND NORTHERNMOST HOUSE. CASING DIAMETER UNKNOWN, DEPTH UNKNOWN. ALTITUDE OF LAND-SURFACE DATUM 750 FEET. OWNER: DON QUICK.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS			
FEB 11	94.90 S	AUG 27	101.50 S		
WATER YEAR 1991	HIGHEST 94.90	FEB 11, 1991	LOWEST 101.50	AUG 27, 1991	
PERIOD OF RECORD	HIGHEST 94.90	FEB 11, 1991	LOWEST 101.50	AUG 27, 1991	
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 27, 1991				2 ENTRIES	

SITE NUMBER: 303404097385201  
LOCAL WELL NUMBER: ZK-58-27-607

LOCATED APPROXIMATELY 1,000 FEET SOUTH OF CHANDLER ROAD ON STATE HWY 1460 AND ABOUT 200 FEET EAST AT RESIDENCE. CASING DIAMETER UNKNOWN, DEPTH 300 FEET. ALTITUDE OF LAND-SURFACE DATUM 795 FEET. OWNER: TOMMY NELSON.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS			
FEB 11	140.60 S	AUG 28	144.30 S		
WATER YEAR 1991	HIGHEST 140.60	FEB 11, 1991	LOWEST 144.30	AUG 28, 1991	
PERIOD OF RECORD	HIGHEST 140.60	FEB 11, 1991	LOWEST 144.30	AUG 28, 1991	
RECORD AVAILABLE FROM FEB 11, 1991 TO AUG 28, 1991				2 ENTRIES	

SITE NUMBER: 303227097404501  
LOCAL WELL NUMBER: ZK-58-27-833

OBSERVATION WELL LOCATED APPROXIMATELY 0.8 MILE EAST OF IH-35 BEHIND SOIL CONSERVATION SERVICE RETARDING STRUCTURE NO. 11, APPROXIMATELY 1.5 MILES NORTH OF U.S. HWY 79. DIAMETER OF WELL 6-5/8 INCHES, DEPTH 114.6 FEET. ALTITUDE OF LAND-SURFACE DATUM 724.9 FEET. OWNER: U.S. GEOLOGICAL SURVEY. OTHER IDENTIFIER: RR-1.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS		WATER LEVEL MS	
NOV 05	48.02 S	FEB 11	21.34 S	MAY 22	13.05 S	AUG 26	28.97 S
JAN 07	47.30 S	APR 04	21.71 S	JUL 11	18.34 S		
WATER YEAR 1991	HIGHEST 13.05	MAY 22, 1991	LOWEST 48.02	NOV 05, 1990			
PERIOD OF RECORD	HIGHEST 13.05	MAY 22, 1991	LOWEST 48.02	NOV 05, 1990			
RECORD AVAILABLE FROM NOV 05, 1990 TO OCT 15, 1991				8 ENTRIES			

SITE NUMBER: 303212097391501  
LOCAL WELL NUMBER: ZK-58-27-917

TRAVEL APPROXIMATELY 1.1 MILES NORTH OF U.S. HWY 79 ON STATE HWY 1460, CONTINUE WEST ABOUT 900 FEET TO WELL. CASING DIAMETER 4 INCHES, DEPTH 360 FEET. ALTITUDE OF LAND-SURFACE DATUM 698 FEET. OWNER: DUSTY RHOADES.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS			
AUG 27	96.8 S		
PERIOD OF RECORD	HIGHEST 96.8	AUG 27, 1991	LOWEST 96.8
RECORD AVAILABLE FROM AUG 27, 1991 TO AUG 27, 1991		1 ENTRIES	



WATER LEVELS, WILLIAMSON COUNTY--Continued  
WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

209

SITE NUMBER: 302817097430101  
LOCAL WELL NUMBER: ZK-58-35-102

LOCATED IN PASTURE APPROXIMATELY 600 FEET EAST OF MCNEIL CEMETERY. CASING DIAMETER UNKNOWN, DEPTH 46 FEET.  
ALTITUDE OF LAND-SURFACE DATUM 780 FEET. OWNER: AUSTIN WHITE LIME.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

WATER LEVEL MS		WATER LEVEL MS	
MAR 12	27.70 S	AUG 12	31.90 SR
WATER YEAR 1991	HIGHEST 27.70	MAR 12, 1991	LOWEST 31.90
PERIOD OF RECORD	HIGHEST 11.72	JUN 12, 1987	LOWEST 32.45
	RECORD AVAILABLE FROM JUN 12, 1987 TO AUG 12, 1991		15 ENTRIES



## WATER QUALITY, WILLIAMSON COUNTY

## INORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	HARD- NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	
ZK-58-35-102	03-12-91 08-12-91	0900 0900	730 --	7.0 --	20.0 --	20 --	110 --	26 --	
LOCAL WELL NUMBER	DATE		SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE, DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	NITRO- GEN, TOTAL (MG/L AS N)
ZK-58-35-102	03-12-91 08-12-91		8.2 --	0.70 --	17 --	17 --	0.10 --	13 --	-- 1.5 --
LOCAL WELL NUMBER	DATE		NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS P04)	PHOS- PHORUS TOTAL (MG/L AS P)
ZK-58-35-102	03-12-91 08-12-91		0.060 0.020	<0.010 <0.010	-- --	<0.20 0.20	1.30 1.30	-- 0.03	<0.010 0.010

&lt; Actual value is less than value shown.

## ORGANIC DATA

WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991

LOCAL WELL NUMBER	DATE	TIME	BENZENE TOTAL (UG/L)	BROMO- FORM TOTAL (UG/L)	CARBON- TETRA- CHLO- RIDE TOTAL (UG/L)	CHLORO- BENZENE TOTAL (UG/L)	CHLORO- DI- BROMO- METHANE TOTAL (UG/L)	CHLORO- ETHANE TOTAL (UG/L)	CHLORO- FORM TOTAL (UG/L)	METHYL- CHLO- RIDE TOTAL (UG/L)	
ZK-58-35-102	03-12-91 08-12-91	0900 0900	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	
LOCAL WELL NUMBER	DATE		CIS 1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	DI- CHLORO- BROMO- METHANE TOTAL (UG/L)	DI- CHLORO- DI- FLUORO- METHANE TOTAL (UG/L)	ETHYL- BENZENE TOTAL (UG/L)	METHYL- BROMIDE TOTAL (UG/L)	METHYL- ENE CHLO- RIDE TOTAL (UG/L)	STYRENE TOTAL (UG/L)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L)	TOLUENE TOTAL (UG/L)
ZK-58-35-102	03-12-91 08-12-91	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0
LOCAL WELL NUMBER	DATE		TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L)	VINYL CHLO- RIDE TOTAL (UG/L)	1,1-DI- CHLORO- ETHYL- ENE TOTAL (UG/L)	1,1-DI- CHLORO- ETHANE TOTAL (UG/L)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L)
ZK-58-35-102	03-12-91 08-12-91	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <1.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0
LOCAL WELL NUMBER	DATE		1,2-DI- CHLORO- BENZENE TOTAL (UG/L)	1,2-DI- CHLORO- ETHANE TOTAL (UG/L)	1,2-DI- CHLORO- PROPANE TOTAL (UG/L)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L)	1,3-DI- CHLORO- PROPENE TOTAL (UG/L)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L)	1,2- TRANS DI CHLORO- ETHENE TOTAL (UG/L)	2- CHLORO- ETHYL- VINYL- ETHER TOTAL (UG/L)	XYLENE TOTAL WATER WHOLE TOT REC (UG/L)
ZK-58-35-102	03-12-91 08-12-91	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0	-- <3.0

&lt; Actual value is less than value shown.



# INDEX

	Page		Page
Access to WATSTORE data .....	5	Ground-water hydrographs, levels, and quality records	
Aquifer, definition of .....	6	by county, index to: -- Continued	
Artesian, definition of .....	6	Waller County .....	189
		Williamson County .....	192
Bailey County, map to location of wells in .....	12	Ground-water quality, records of .....	5
Bexar County, map to location of wells in .....	15	Ground-water records .....	5
Brazoria County, map to location of wells in .....	27		
		Hale County, map to location of wells in .....	92
Chambers County, map to location of wells in .....	30	Hardness, definition of .....	6
Chemical oxygen demand (COD), definition of .....	6	Harris County, map to location of wells in .....	96
Cochran County, map to location of wells in .....	34	Hays County, map to location of wells in .....	121
Color unit, definition of .....	6	Hockley County, map to location of wells in .....	133
Comal County, map to location of wells in .....	38	Hydrologic conditions, summary of .....	2
Cooperation .....	2		
		Introduction .....	1
Dallam County, map to location of wells in .....	49		
Data collection and computation, ground-water levels .....	3	Land-surface datum, definition of .....	6
Data collection and computation, ground-water quality .....	5	Latitude-longitude system .....	3
Data presentation, ground-water levels .....	3	Liberty County, map to location of wells in .....	136
Data presentation, ground-water quality .....	5	Local well numbers .....	3
Dawson County, map to location of wells in .....	55		
Deaf Smith County, map to location of wells in .....	59	Medina County, map to location of wells in .....	139
Definition of terms .....	6	Methylene blue active substance, definition of .....	6
Dissolved, definition of .....	6	Micrograms per liter, definition of .....	6
Dissolved-solids concentration, definition of .....	6	Milligrams per liter, definition of .....	6
		Montgomery County, map to location of wells in .....	146
El Paso County, map to location of wells in .....	62		
Explanation of the records .....	2	National Geodetic Vertical Datum of 1929, definition of .....	6
Fort Bend County, map to location of wells in .....	75	Ochiltree County, map to location of wells in .....	149
		Orange County, map to location of wells in .....	153
Galveston County, map to location of wells in .....	84		
Ground-water levels, records of .....	3	Pesticides, definition of .....	7
Ground-water hydrographs, levels, and quality records		pH, definition of .....	7
by county, index to:		Polychlorinated biphenyls, definition of .....	7
Bailey County .....	11	Publications of techniques of water-resources investigations .....	8
Bexar County .....	14		
Brazoria County .....	26	Remark codes .....	5
Chambers County .....	29		
Cochran County .....	33	Sodium-adsorption-ratio, definition of .....	7
Comal County .....	37	Specific conductance, definition of .....	7
Dallam County .....	48	Suspended, definition of .....	7
Dawson County .....	54	Suspended recoverable, definition of .....	7
Deaf Smith County .....	58	Suspended total, definition of .....	7
El Paso County .....	61	Swisher County, map to location of wells in .....	163
Fort Bend County .....	74		
Galveston County .....	83	Total, definition of .....	7
Hale County .....	91	Total recoverable, definition of .....	7
Harris County .....	95	Travis County, map to location of wells in .....	167
Hays County .....	120		
Hockley County .....	132	Uvalde County, map to location of wells in .....	181
Liberty County .....	135		
Medina County .....	138	Waller County, map to location of wells in .....	190
Montgomery County .....	145	Water year, definition of .....	8
Ochiltree County .....	148	WATSTORE data, access to .....	5
Orange County .....	152	Williamson County, map to location of wells in .....	193
Swisher County .....	162	WDR, definition of .....	8
Travis County .....	166	WSP, definition of .....	8
Uvalde County .....	180		



## FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI).

Multiply inch-pound units	By	To obtain SI units
<i>Length</i>		
inches (in)	$2.54 \times 10^1$	millimeters (mm)
	$2.54 \times 10^{-2}$	meters (m)
feet (ft)	$3.048 \times 10^{-1}$	meters (m)
miles (mi)	$1.609 \times 10^0$	kilometers (km)
<i>Area</i>		
acres	$4.047 \times 10^3$	square meters (m <sup>2</sup> )
	$4.047 \times 10^{-1}$	square hectometers (hm <sup>2</sup> )
	$4.047 \times 10^{-3}$	square kilometers (km <sup>2</sup> )
square miles (mi <sup>2</sup> )	$2.590 \times 10^0$	square kilometers (km <sup>2</sup> )
<i>Volume</i>		
gallons (gal)	$3.785 \times 10^0$	liters (L)
	$3.785 \times 10^0$	cubic decimeters (dm <sup>3</sup> )
	$3.785 \times 10^{-3}$	cubic meters (m <sup>3</sup> )
million gallons	$3.785 \times 10^3$	cubic meters (m <sup>3</sup> )
	$3.785 \times 10^{-3}$	cubic hectometers (hm <sup>3</sup> )
cubic feet (ft <sup>3</sup> )	$2.832 \times 10^1$	cubic decimeters (dm <sup>3</sup> )
	$2.832 \times 10^{-2}$	cubic meters (m <sup>3</sup> )
cfs-days	$2.447 \times 10^3$	cubic meters (m <sup>3</sup> )
	$2.447 \times 10^{-3}$	cubic hectometers (hm <sup>3</sup> )
acre-feet (acre-ft)	$1.233 \times 10^3$	cubic meters (m <sup>3</sup> )
	$1.233 \times 10^{-3}$	cubic hectometers (hm <sup>3</sup> )
	$1.233 \times 10^{-6}$	cubic kilometers (km <sup>3</sup> )
<i>Flow</i>		
cubic feet per second (ft <sup>3</sup> /s)	$2.832 \times 10^1$	liters per second (L/s)
	$2.832 \times 10^1$	cubic decimeters per second (dm <sup>3</sup> /s)
	$2.832 \times 10^{-2}$	cubic meters per second (m <sup>3</sup> /s)
gallons per minute (gal/min)	$6.309 \times 10^{-2}$	liters per second (L/s)
	$6.309 \times 10^{-2}$	cubic decimeters per second (dm <sup>3</sup> /s)
	$6.309 \times 10^{-5}$	cubic meters per second (m <sup>3</sup> /s)
million gallons per day	$4.381 \times 10^1$	cubic decimeters per second (dm <sup>3</sup> /s)
	$4.381 \times 10^{-2}$	cubic meters per second (m <sup>3</sup> /s)
<i>Mass</i>		
tons (short)	$9.072 \times 10^{-1}$	megagrams (Mg) or metric tons



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