

TEXAS BOARD OF WATER ENGINEERS

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BULLETIN 6008

WATER LEVELS IN OBSERVATION WELLS
IN CAMERON, HIDALGO, AND STARR COUNTIES
TEXAS
1950-1959

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

May 1960



TABLE OF CONTENTS

	Page
Introduction-----	1

Water-Level Measurement Tables

Cameron County-----	2
Hidalgo County-----	4
Starr County-----	6

Maps Showing Locations of Observation Wells

Cameron County-----	3
Hidalgo County-----	5
Starr County-----	7

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INTRODUCTION

Periodic measurements of water levels are made in selected observation wells throughout the state as a part of an observation well program conducted cooperatively by the Texas Board of Water Engineers and the U. S. Geological Survey to evaluate the effects of ground-water development in relation to available supply.

This bulletin contains water-level measurements made in 38 wells in Cameron County, 27 wells in Hidalgo County, and 43 wells in Starr County. The period of record covers measurements made in observation wells from 1950 through 1959.

An observation well location map faces the corresponding table of water-level measurements for each county.

WATER-LEVEL MEASUREMENTS IN CAMERON COUNTY

Water levels in feet below land-surface datum

Well	1950		1951		1952*		1953		1954		1955		1956		1957		1958		1959	
	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level
A-3															9/9	14.38			2/17	4.93
A-16															9/9	17.28			2/17	7.67
A-19					9/11	22.3									9/9	13.06			2/17	4.92
A-28															9/9	15.37			2/17	7.41
A-34															9/9	14.60			2/17	8.43
A-38															9/9	16.22			2/17	10.13
E-6																			2/17	14.02
E-16															9/9	22.60			2/17	12.87
E-17															9/9	19.02			2/17	12.23
E-30															9/10	21.51				
E-31					7/7	28.5									9/10	24.61			3/2	14.10
E-34					10/5	23.1					6/27	26.46			9/10	31.70			3/2	16.72
E-57											6/27	17.08								
E-65					6/18	19.5									9/10	32.44			3/2	16.36
E-66															9/10	33.57			3/2	14.95
E-69							9/16	23.91							7/17	24.71			3/2	10.46
E-72							9/16	29.65							7/17	32.63			3/2	14.91
F-22a															9/30	28.40			3/2	19.53
F-35					6/26	8.3									9/30	9.3			3/2	5.03
F-37					7/17	9.0									9/30	11.97			3/2	4.37
F-44					8/19	17.7									9/30	26.20			3/2	10.49
F-46					7/24	18.9									9/11	34.64			3/2	17.23
F-57																			3/2	15.88
F-68															9/12	29.35			3/2	17.53
F-78															9/12	27.36			3/2	15.09
F-83															9/12	27.57			3/2	15.75
J-1															9/11	38.40			3/2	17.86
J-4																			3/2	16.38
J-12					6/5	24.0									9/11	34.97			3/2	14.19
K-8																			3/2	12.27
K-11					9/4	18.9									9/12	24.73				
K-13																			3/2	6.08
K-15																			3/2	16.61
K-31															9/12	25.57			3/2	16.06
K-41					8/20	24.5									9/12	30.56			3/2	15.13
K-52															9/30	33.55			3/2	19.02
L-34							9/30	21.77							9/13	18.22			3/2	10.70
L-38							9/30	22.40							9/30	16.91			3/2	9.95

* Published Feb. 1954



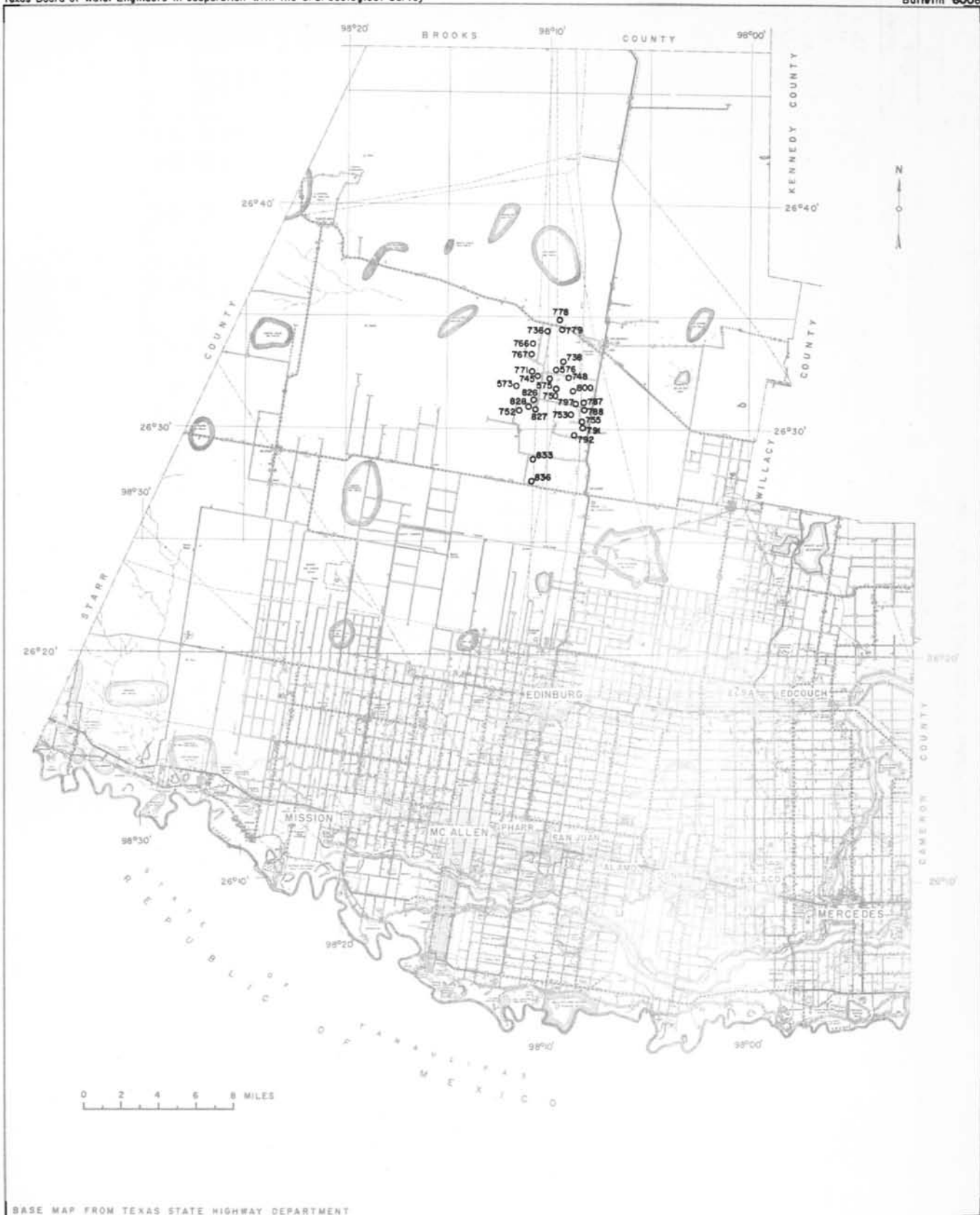
BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

WATER-LEVEL MEASUREMENTS IN HIDALGO COUNTY

Water levels in feet below land-surface datum

Well	1950		1951		1952		1953		1954		1955		1956		1957		1958		1959	
	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level
573	1/11	44.62	6/13	47.10	6/4	47.04	5/21	49.60	5/25	49.07	5/27	51.15	5/22	52.01	6/4	51.70	6/27	49.86	5/25	47.73
575	4/26	39.54	5/10	41.70	6/4	42.01	5/20	43.69	5/26	45.17			5/22	46.38	6/4	46.90	6/27	46.08	5/25	45.56
576	1/11	34.38	5/10	37.97	6/4	39.67	5/20	40.20			5/27	46.39	5/22	46.95	6/4	47.65	6/27	42.60	5/25	44.87
736	1/11	30.66			6/4	33.17	5/20	36.68			5/27	37.03	5/22	38.08	6/4	37.47	6/27	30.96		
738	1/11	31.17	5/10	34.77	6/4	34.35	5/20	35.81	5/26	36.71			5/22	37.73						
745	4/25	50.70			6/4	43.08	5/21	44.47	5/25	45.01			5/22	47.32	6/4	48.12	6/27	47.63	5/25	46.82
748	1/11	42.40			6/4	38.30	5/20	40.61	5/26	41.17			5/22	44.43	6/4	43.95				
750	1/11	b39.37	6/13	c38.52	6/4	39.37	5/21	41.92	5/25	44.35	5/27	45.10	5/22	47.50	6/4	47.16	6/27	45.87	5/25	45.12
752	4/26	50.10			6/4	52.30	5/21	55.90	5/25	54.97	5/27	56.35	5/22	57.40	6/4	57.93	6/27	57.64	5/25	56.49
753	5/29	49.05			6/3	51.34	5/20	47.73	5/26	48.60					6/4	48.10	6/27	45.74		
755	1/12	39.64	5/10	49.25	6/3	44.91	5/20	45.67	5/26	46.48	5/27	50.17	5/22	48.93	6/4	47.83			5/25	46.18
766	1/11	b42.22	6/13	46.69	6/3	46.40	5/20	43.88	5/26	45.60	5/27	47.37			6/4	47.38				
767	4/25	39.04	6/13	43.63	6/3	40.11	5/20	42.10	5/25	45.01	5/27	45.84	5/22	44.05	6/4	44.98	6/27	44.76	5/25	44.13
771	1/11	35.94	6/14	44.77	6/3	40.59	5/20	41.35	5/25	43.95	5/27	45.10	5/22	44.36	6/4	46.47	6/27	52.53	5/25	45.83
778	1/11	28.45	6/13	29.56	6/4	30.48	5/21	33.36	5/26	34.03	5/27	34.25	5/22	33.95	6/4	34.29	6/27	33.38	5/25	34.72
779	1/11	30.95	6/13	32.19	6/4	33.29	5/21	34.56	5/26	35.99	5/27	35.53			6/4	36.30				
787	1/11	41.61	5/10	47.74	6/3	49.45	5/20	49.17	5/26	50.43	5/27	51.43	5/22	52.72	6/4	52.12				
788	1/11	46.86	6/13	52.56	6/3	52.62	5/20	52.52							6/4	53.87				
791	1/12	37.14	5/10	43.57	6/3	42.89	5/20	43.22	5/26	44.57	5/27	45.71	5/22	45.43	6/4	44.75	6/25	42.43	5/25	38.94
792			6/14	38.18	6/3	39.89	5/20	41.02	5/27	41.07	5/27	42.33	5/22	41.95	6/4	41.04	6/27	37.46	5/25	36.27
797	1/11	36.70	5/10	42.66	6/3	44.28	5/20	44.54	5/26	45.95					6/4	49.03	6/27	48.68	5/25	46.83
800	1/11	30.50	5/10	46.72	6/3	46.36	5/20	47.35	5/26	46.65	5/27	48.43			6/4	46.09			5/25	45.17
826			6/14	51.93	6/4	51.15					5/27	53.47	5/22	58.05	6/4	54.42	6/27	53.73		
827	1/11	36.57			6/4	46.37			5/25	47.97	5/27	50.67	5/22	52.00	6/4	50.37	6/27	49.01	5/25	50.62
828	1/11	44.32			6/4	47.17	5/21	51.28	5/25	50.23	5/27	51.93	5/22	52.92	6/4	54.06	6/27	53.76	5/25	51.91
833	4/27	42.61	6/14	48.44	6/4	42.27	5/21	43.99	5/25	44.12	5/27	45.07	5/22	45.56	6/4	45.12				
836	1/11	30.66	6/14	34.32	6/4	31.78	5/21	37.06	5/25	37.27	5/27	37.80	5/22	41.93	6/4	41.40				

b Well pumped recently
c Nearby well pumping



OBSERVATION WELLS IN HIDALGO COUNTY, TEXAS





