

NR 5/10, 18/2001/3001

c. 2

COLORADO STATE PUBLICATIONS LIBRARY



3 1799 00122 7909

## GROUND WATER LEVELS

in the

KIOWA-BIJOU

DESIGNATED GROUNDWATER BASIN

MARCH 2001



STATE OF COLORADO  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RESOURCES

Bill Owens, Governor

Greg Walcher, Executive Director

Hal D. Simpson  
State Engineer

George D. VanSlyke  
Project Manager

KIOWA-BIJOU DESIGNATED GROUNDWATER BASIN  
March 2001

This report represents water level measurement data for the North Kiowa-Bijou Ground Water Management District for the 2001 season. This project was done in cooperation with the Management District and with local well owners. Funding for the project is supplied in part from well permit fees collected and managed by the Office of the State Engineer as a cash fund designated for use in obtaining ground water information throughout the state.

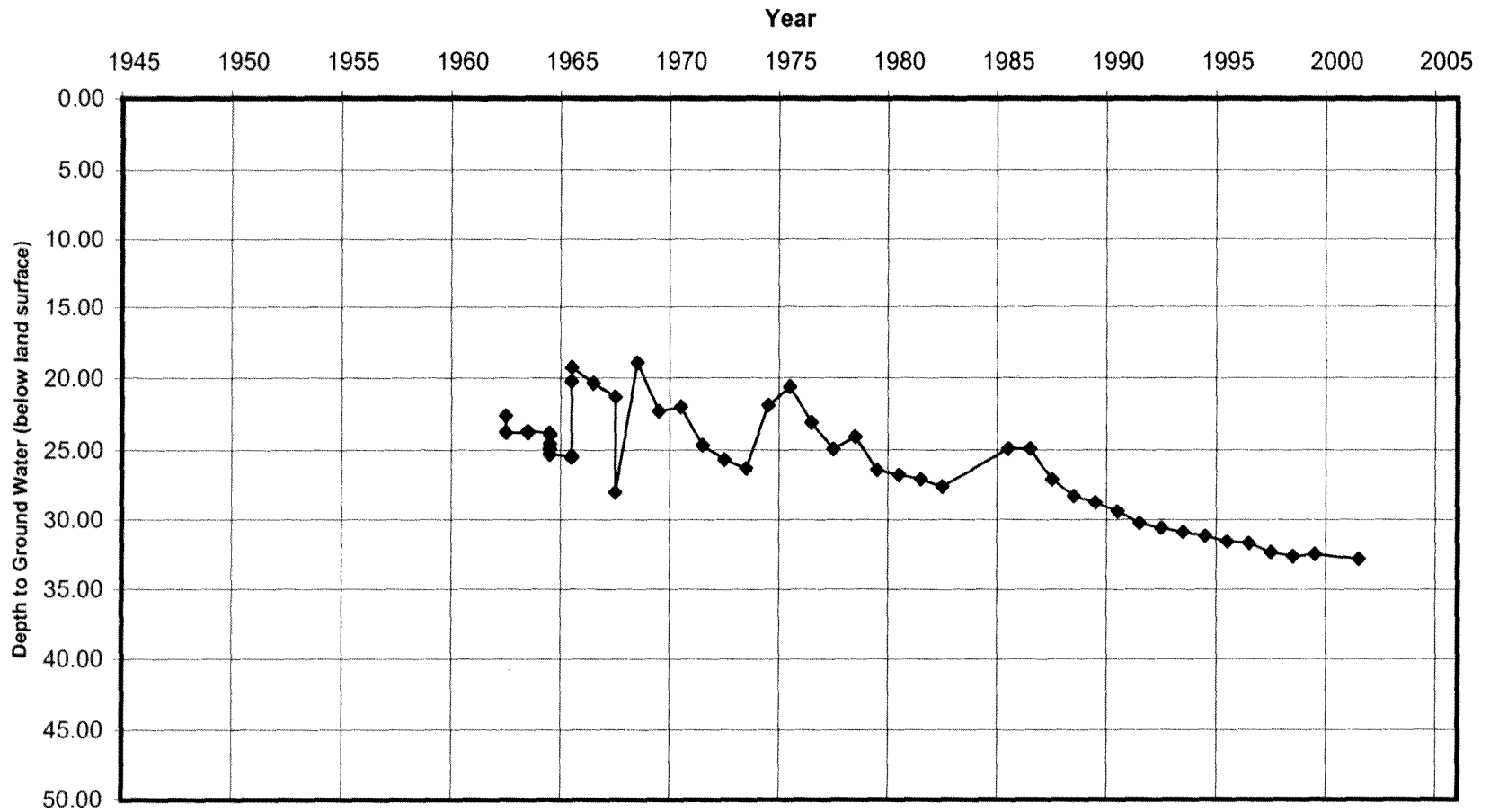
A total of 36 wells were measured during the month of February 2001. These wells are all part of the observation well network that has been measured for many years. Records on at least one well date back to 1936. However, most of the wells date from the 1950's and 1960's. Unfortunately we were unable to measure the entire network in 2000 and the one-year change for wells measured may not be representative of changes for 2000 to 2001. Water level changes for 14 wells measured between 2000 and 2001 range from a decline of 2 feet to a rise of 1 foot. The average change for the 2000 to 2001 period is a decline of 1.00 feet compared to a decline of 0.971 feet between 1998 and 1999. For the last five years, the average decline in the basin has been 0.45 feet per year. The average decline for the last 10 years has been a decline of 0.56 feet. The northern half of the basin exhibits declining water levels with the greatest declines being in the most northerly portion of the basin.

Included in this report are water level data and hydrographs for all wells currently in the monitoring network. Information concerning bedrock wells for the Denver Basin Aquifers will be available in June of this year and can be obtained from the Office of the State Engineer.

Copies of this report are being made available to all well owners whose wells were measured as part of this project. Additional copies of the report can be purchased from the Office of the State Engineer.

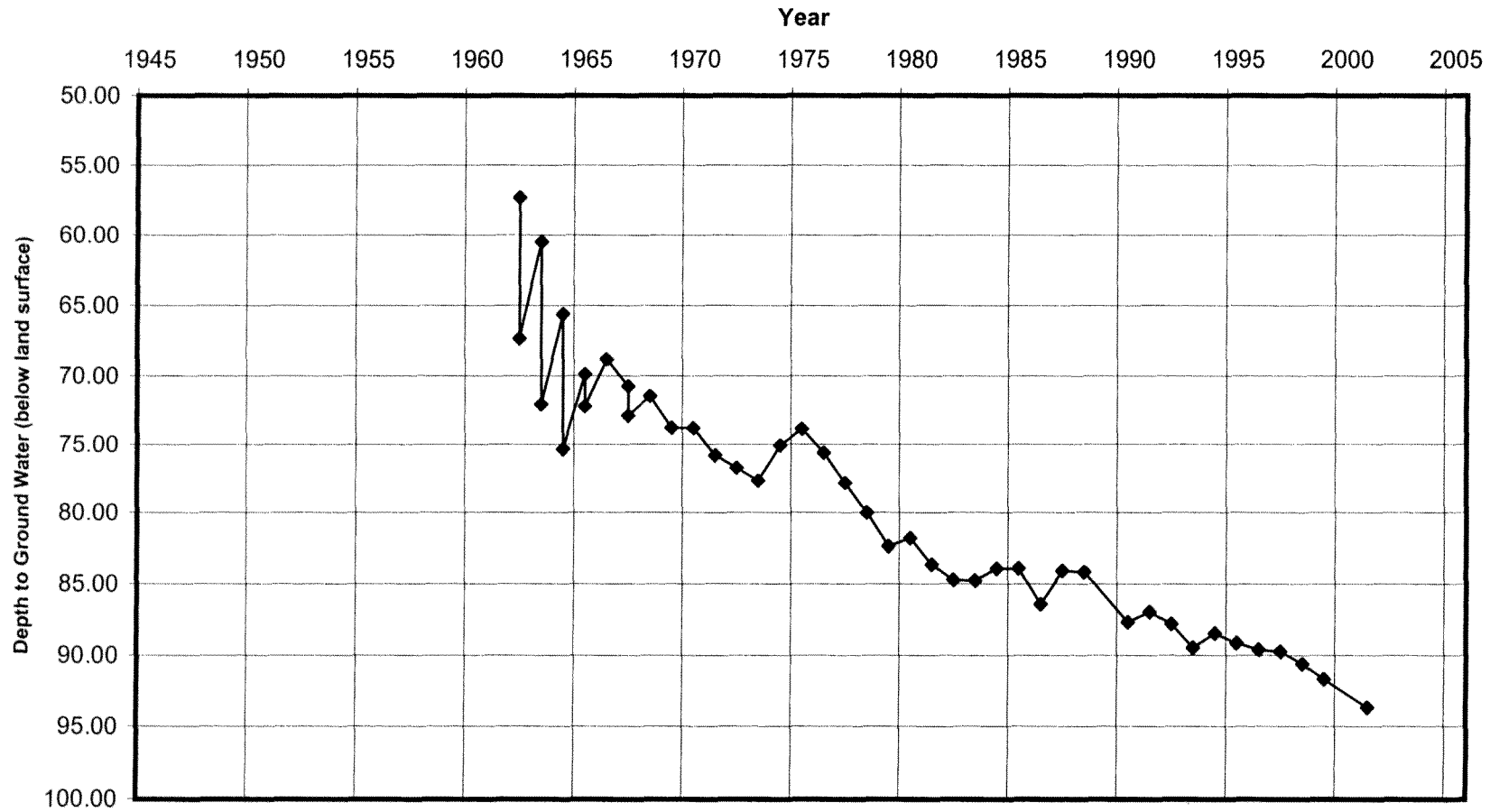


KB-1  
Section 5, T1N, R59W



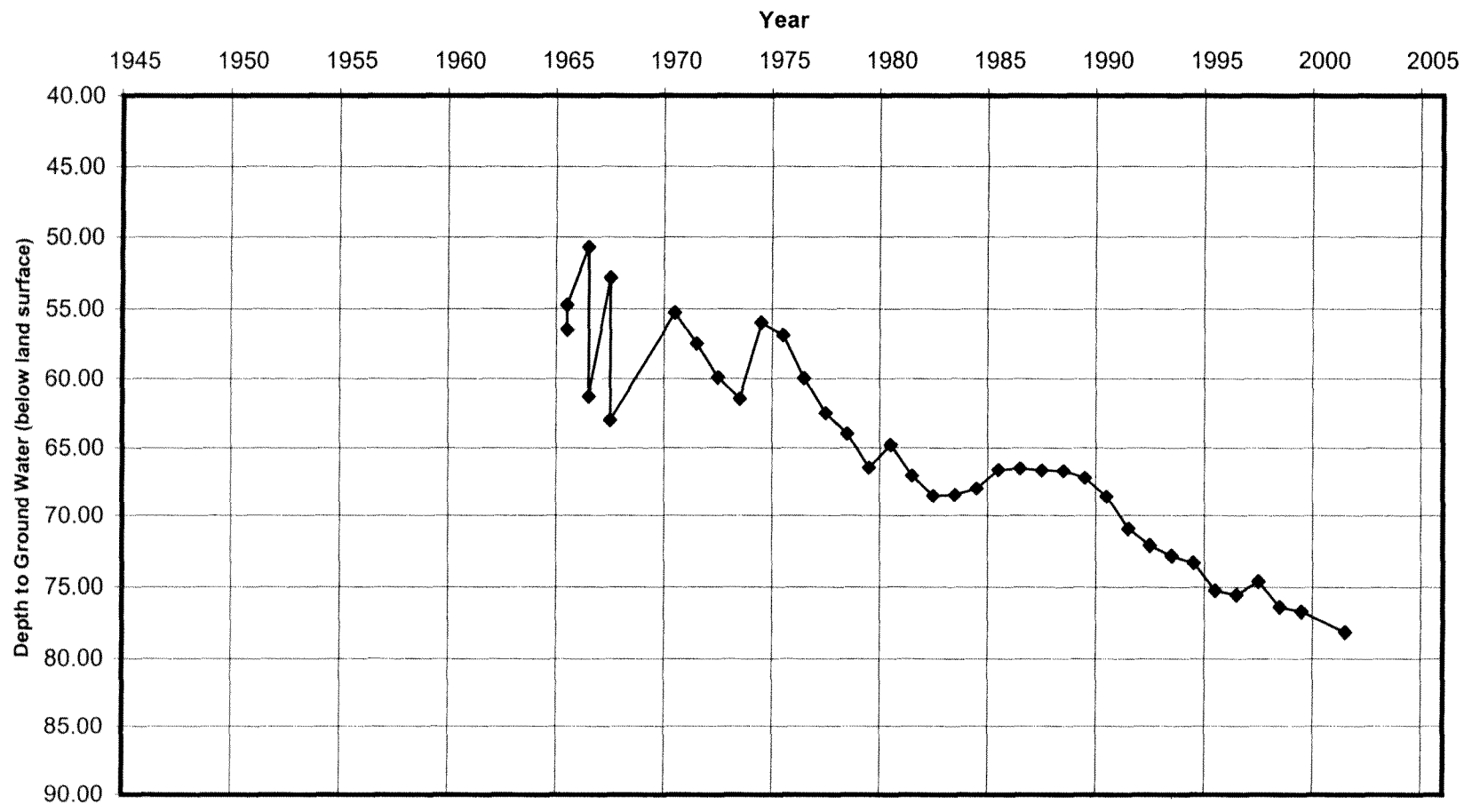


**KB-2**  
**Section 6 T1N, R59W**





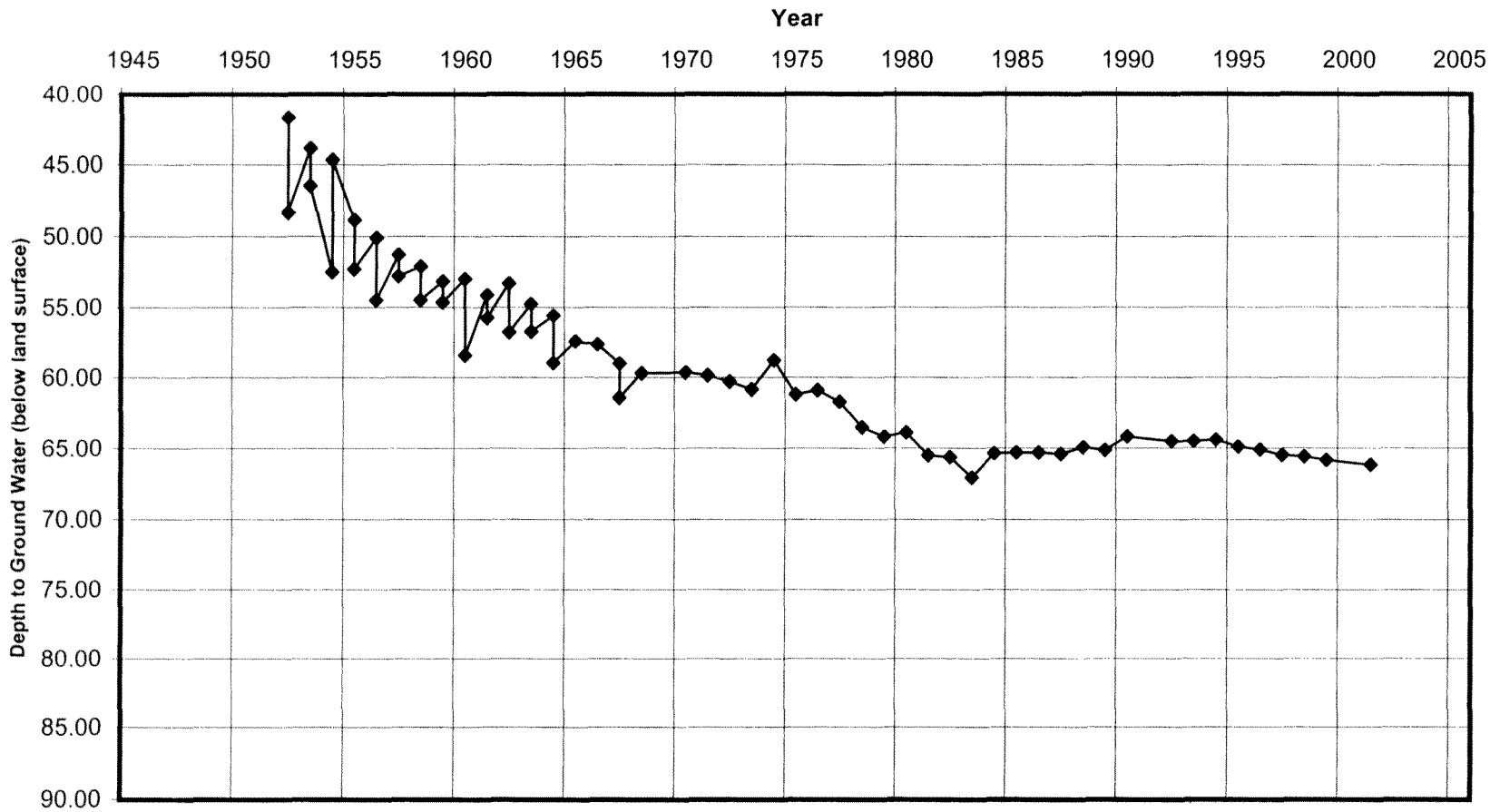
KB-3  
Section 18 T1N, R59W





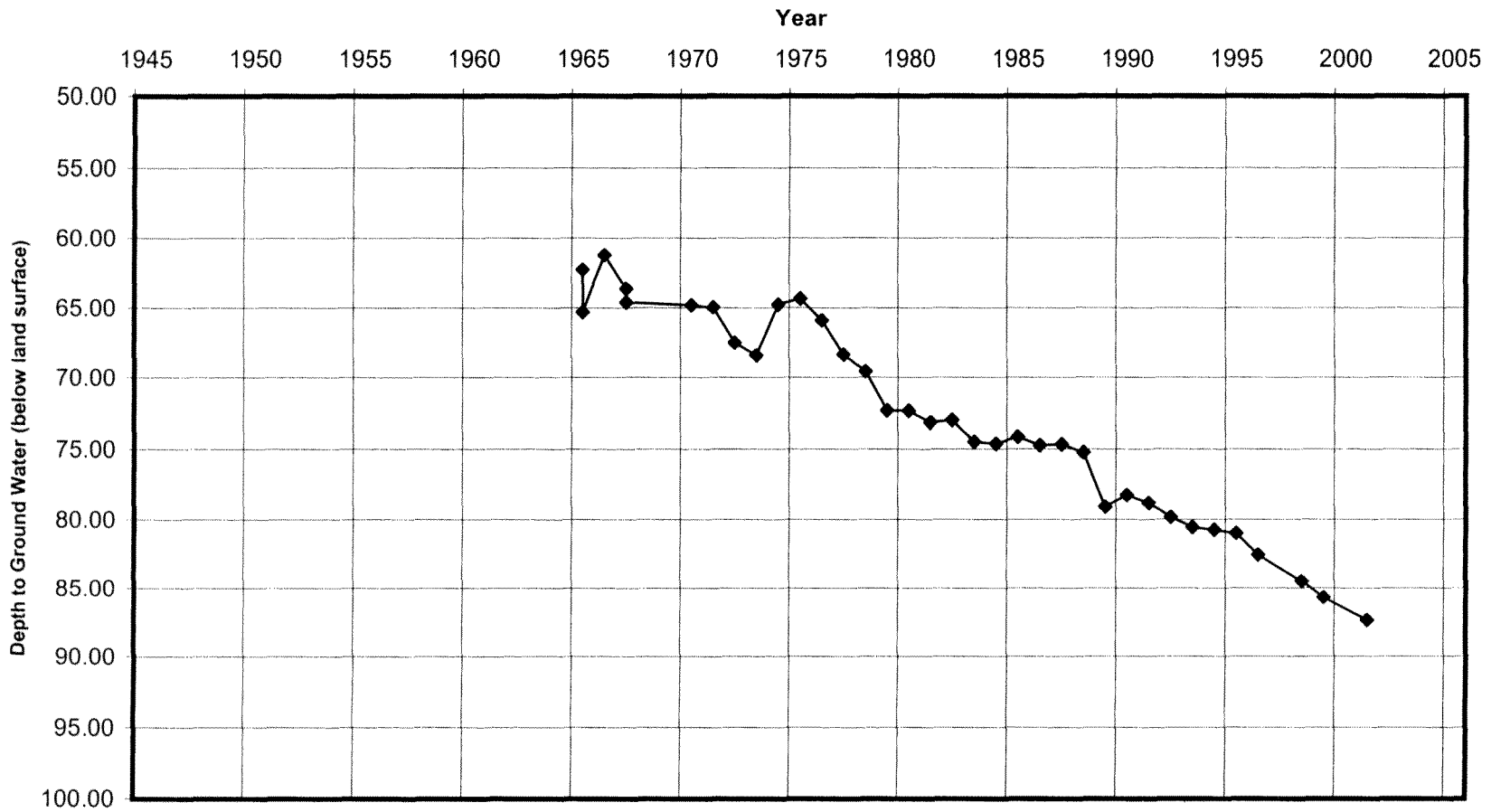


**KB-4**  
**Section 2 T1N, R60W**



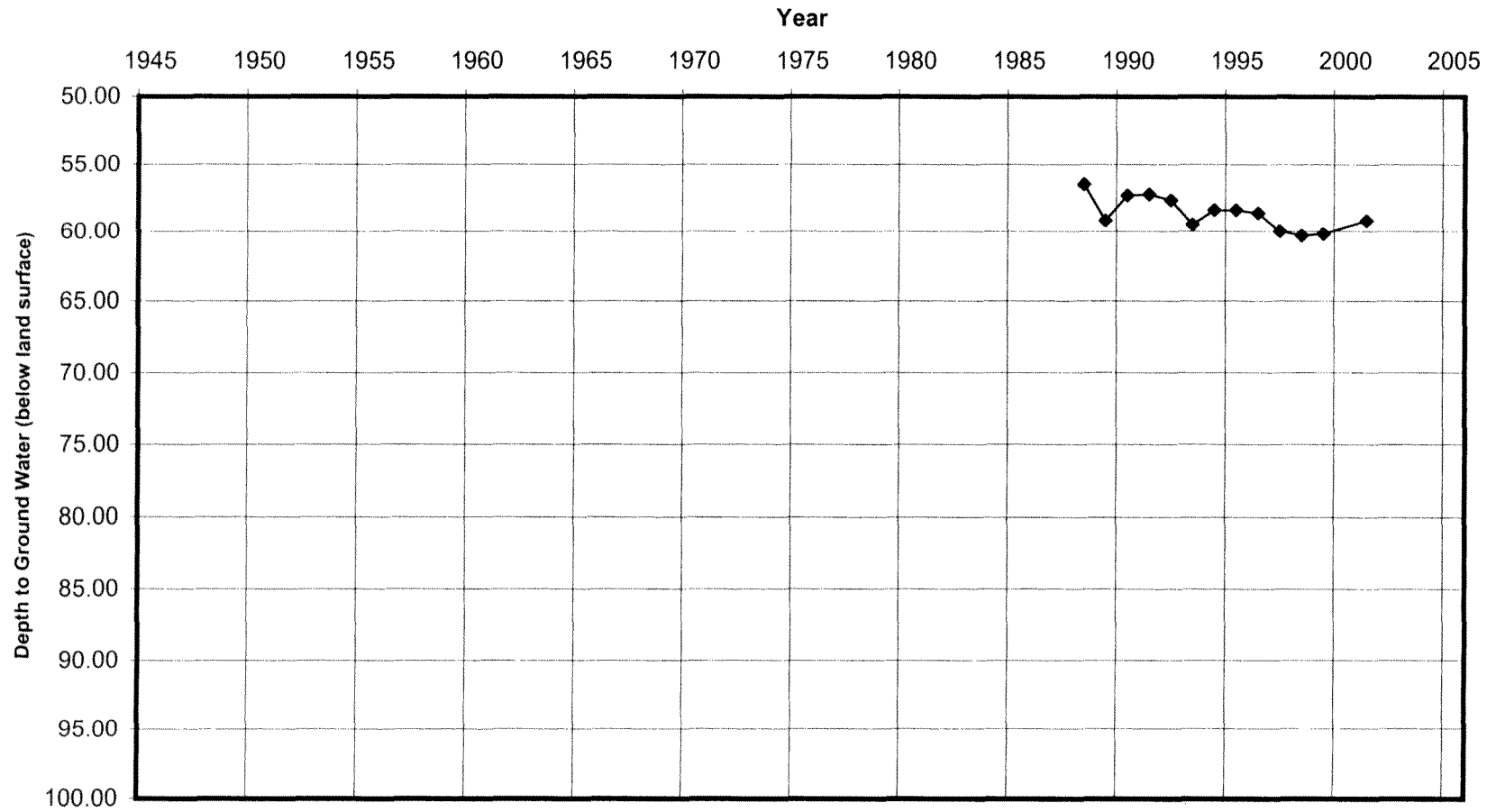


**KB-6**  
**Section 12 T1N, R60W**





**KB-7**  
**Section 15 T1N, R60W**

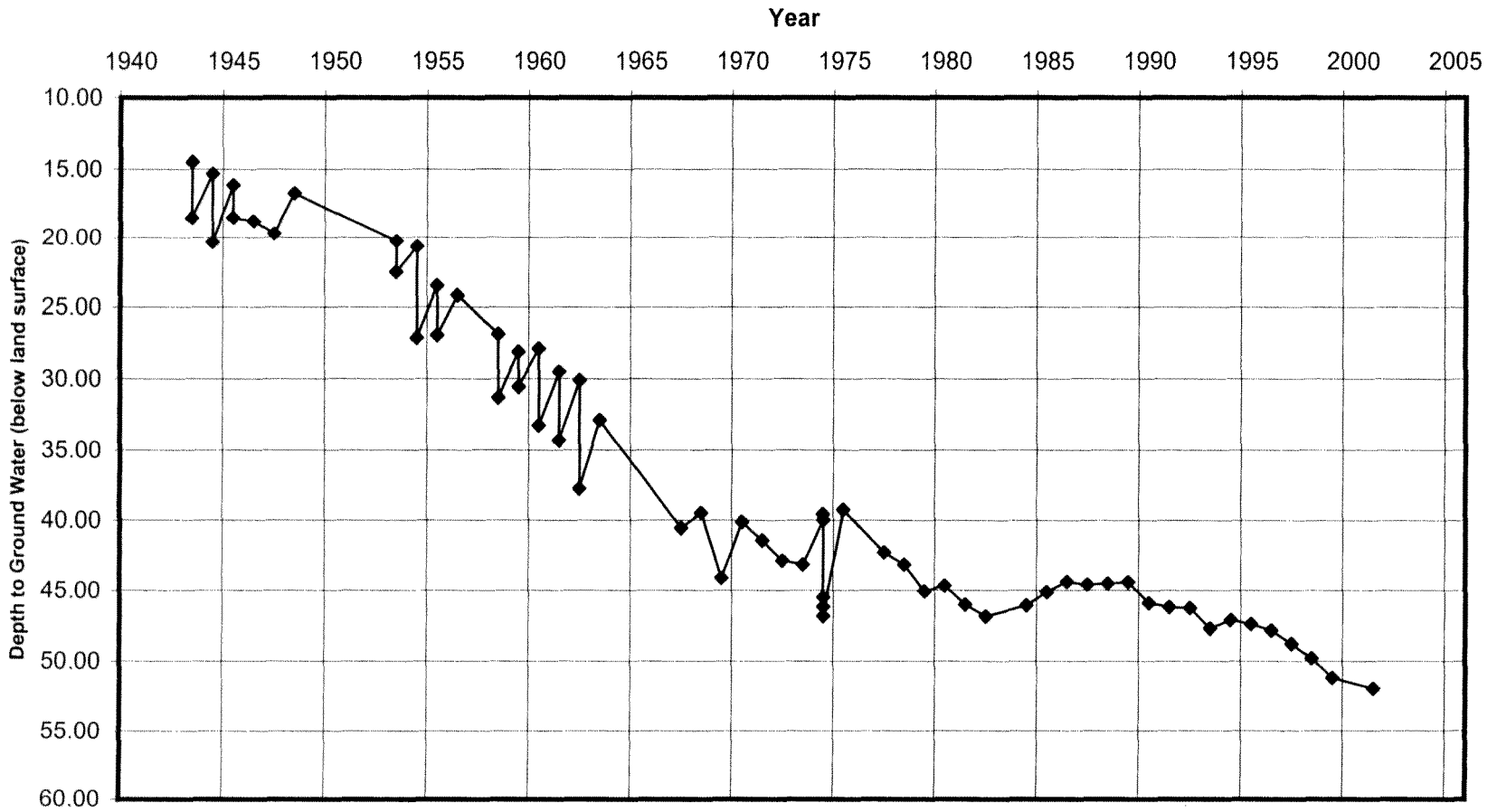


MONITORING WELL DATA SHEET

Well ID :	KB-8	Well Owner:	
Permit #:		UTM Coordinates, Zone 13	0579004E 4432125N
County:	MORGAN		
Location:	SB00106023BCC1		
Site I.D. (lat/long)	400214/1040410		
Aquifer:	ALLUVIUM		
Well Depth (ft)	81		
Surface Elev. (ft)	4,738		

Date	Hold (ft)	Cut (ft)	Depth to Water (ft)	Meas. Pt. - Ft. Above Land Surf.	Depth to Water - Ft. Below Land Surf.	Elev. of Water Level (ft)	Change From Previous Level (ft)	Change From 1st Level (ft)	Field Data Rcd By
4/1/43	14.49		14.49		14.49	4724			
11/18/43	18.54		18.54		18.54	4719	-4.05	-4.05	
5/1/44	15.33		15.33		15.33	4723	3.21	-0.34	
10/26/44	20.35		20.35		20.35	4718	-5.02	-5.66	
5/3/45	16.14		16.14		16.14	4722	4.21	-1.65	
10/31/45	18.51		18.51		18.51	4719	-2.37	-4.02	
10/30/46	18.77		18.77		18.77	4719	-0.26	-4.28	
11/4/47	19.70		19.70		19.70	4718	-0.93	-5.21	
4/13/48	16.71		16.71		16.71	4721	2.99	-2.22	
4/16/53	20.27		20.27		20.27	4718	-3.56	-5.78	
10/23/53	22.55		22.55		22.55	4715	-2.28	-8.06	
4/6/54	20.68		20.68		20.68	4717	1.87	-6.19	
10/21/54	27.15		27.15		27.15	4711	-6.47	-12.66	
3/31/55	23.52		23.52		23.52	4714	3.63	-9.03	
10/24/55	26.96		26.96		26.96	4711	-3.44	-12.47	
4/3/56	24.20		24.20		24.20	4714	2.76	-9.71	
3/27/58	26.90		26.90		26.90	4711	-2.70	-12.41	
11/12/58	31.32		31.32		31.32	4707	-4.42	-16.83	
4/3/59	28.11		28.11		28.11	4710	3.21	-13.62	
10/21/59	30.56		30.56		30.56	4707	-2.45	-16.07	
4/2/60	27.90		27.90		27.90	4710	2.66	-13.41	
10/17/60	33.25		33.25		33.25	4705	-5.35	-18.76	
4/20/61	29.50		29.50		29.50	4709	3.75	-15.01	
10/18/61	34.32		34.32		34.32	4704	-4.82	-19.83	
4/4/62	30.11		30.11		30.11	4708	4.21	-16.62	
11/5/62	37.77		37.77		37.77	4700	-7.66	-23.28	
3/25/63	32.89		32.89		32.89	4705	4.88	-18.40	
11/8/67	40.53		40.53		40.53	4697	-7.64	-26.04	
3/19/68	39.50		39.50		39.50	4699	1.03	-25.01	
3/18/69	44.09		44.09		44.09	4694	-4.59	-29.60	
3/26/70	40.13		40.13		40.13	4698	3.96	-25.64	
3/24/71	41.41		41.41		41.41	4697	-1.28	-26.92	
9/23/72	42.84		42.84		42.84	4695	-1.43	-28.35	
3/22/73	43.12		43.12		43.12	4695	-0.28	-28.63	
3/14/74	39.98		39.98		39.98	4698	3.14	-25.49	
4/21/74	39.58		39.58		39.58	4698	0.40	-25.09	
9/29/74	46.18		46.18		46.18	4692	-6.60	-31.69	
10/23/74	45.49		45.49		45.49	4693	0.69	-31.00	
11/25/74	46.83		46.83		46.83	4691	-1.34	-32.34	
3/20/75	39.27		39.27		39.27	4699	7.56	-24.78	
3/4/77	42.25		42.25		42.25	4696	-2.98	-27.76	
3/8/78	43.12		43.12		43.12	4695	-0.87	-28.63	
3/7/79	45.05		45.05		45.05	4693	-1.93	-30.56	
3/24/80	44.66		44.66		44.66	4693	0.39	-30.17	
3/11/81	46.01		46.01		46.01	4692	-1.35	-31.52	
3/12/82	46.85		46.85		46.85	4691	-0.84	-32.36	
3/29/84	46.08		46.08		46.08	4692	0.77	-31.59	
4/8/85	45.12		45.12		45.12	4693	0.96	-30.63	
3/31/86	44.38		44.38		44.38	4694	0.74	-29.89	
4/16/87	44.57		44.57		44.57	4693	-0.19	-30.08	
4/6/88	44.50		44.50		44.50	4694	0.07	-30.01	
4/3/89	44.40		44.40		44.40	4694	0.10	-29.91	
3/14/90	45.90		45.90		45.90	4692	-1.50	-31.41	
3/25/91	46.20		46.20		46.20	4692	-0.30	-31.71	
3/20/92	46.25		46.25		46.25	4692	-0.05	-31.76	
3/29/93	47.70		47.70		47.70	4690	-1.45	-33.21	
3/11/94	47.10		47.10		47.10	4691	0.60	-32.61	
3/17/95	47.40		47.40		47.40	4691	-0.30	-32.91	
3/18/96	47.85		47.85		47.85	4690	-0.45	-33.36	
4/7/97	48.79		48.79		48.79	4689	-0.94	-34.30	
4/9/98	49.80		49.80		49.80	4688	-1.01	-35.31	
3/16/99	51.20		51.20		51.20	4687	-1.40	-36.71	
2/20/01	51.96		51.96		51.96	4686	-0.76	-37.47	

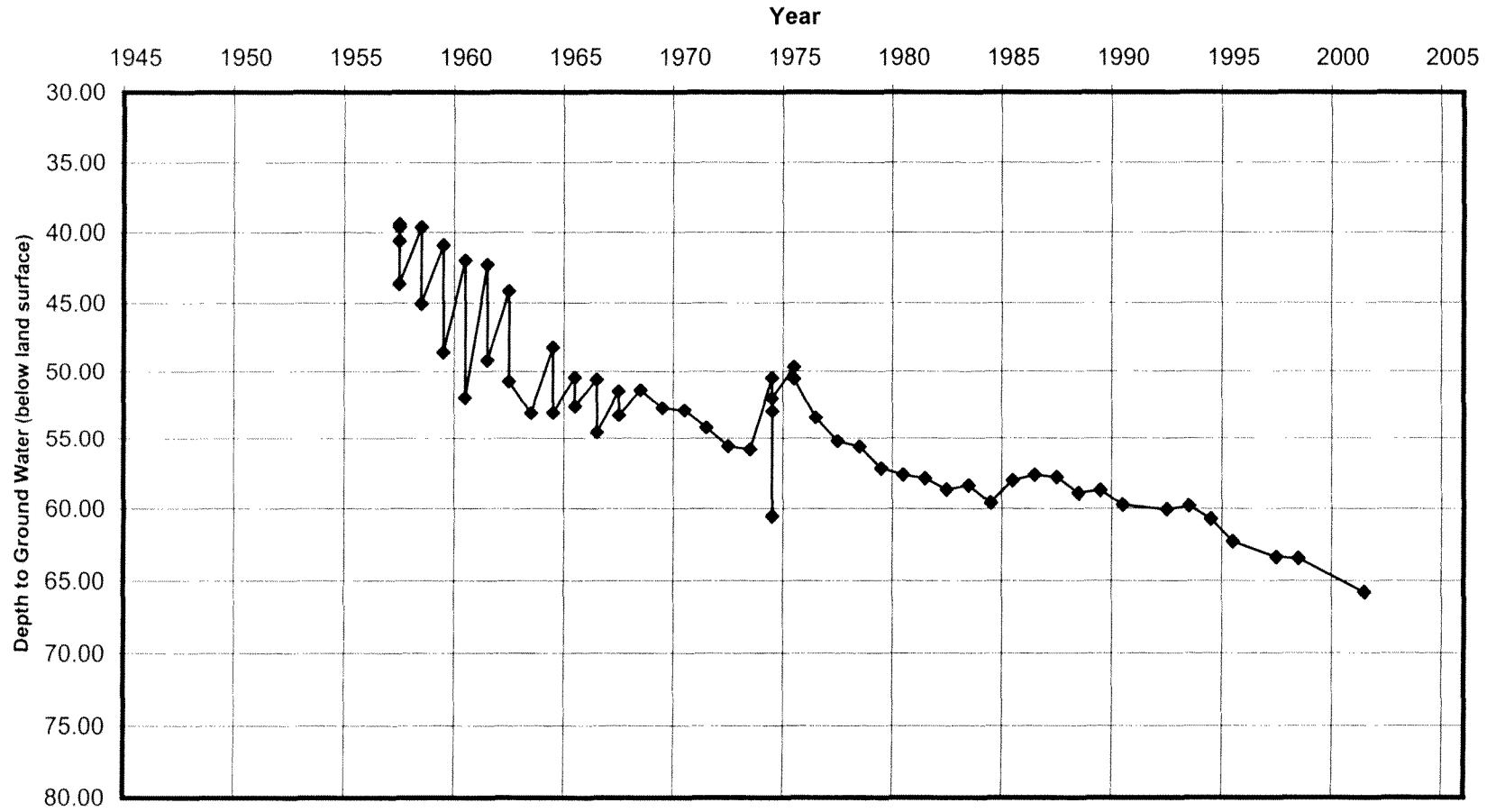
KB-8  
Section 23 T1N, R60W





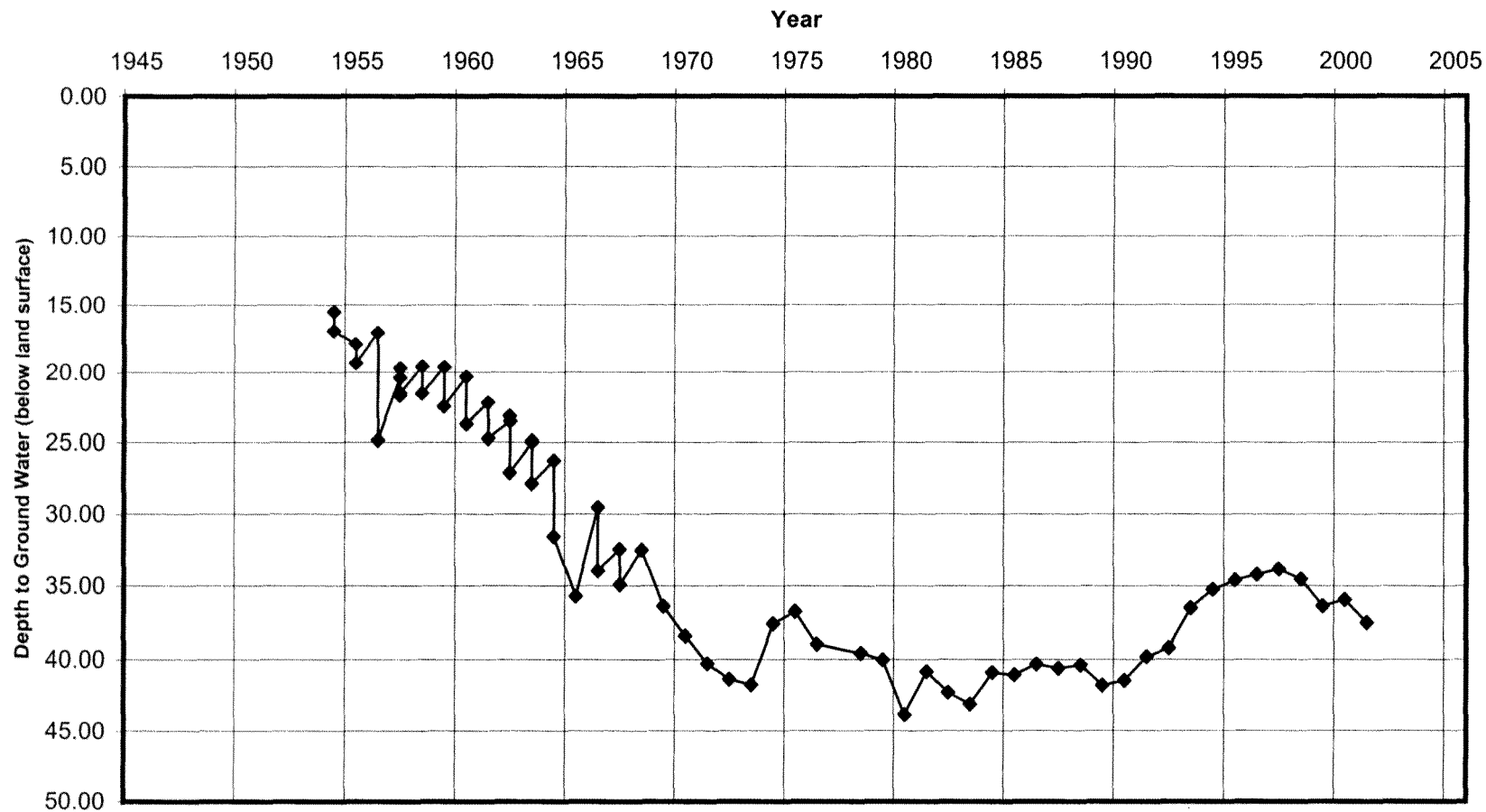


**KB- 9 & 9A**  
**Section 34 T1N, R60W**



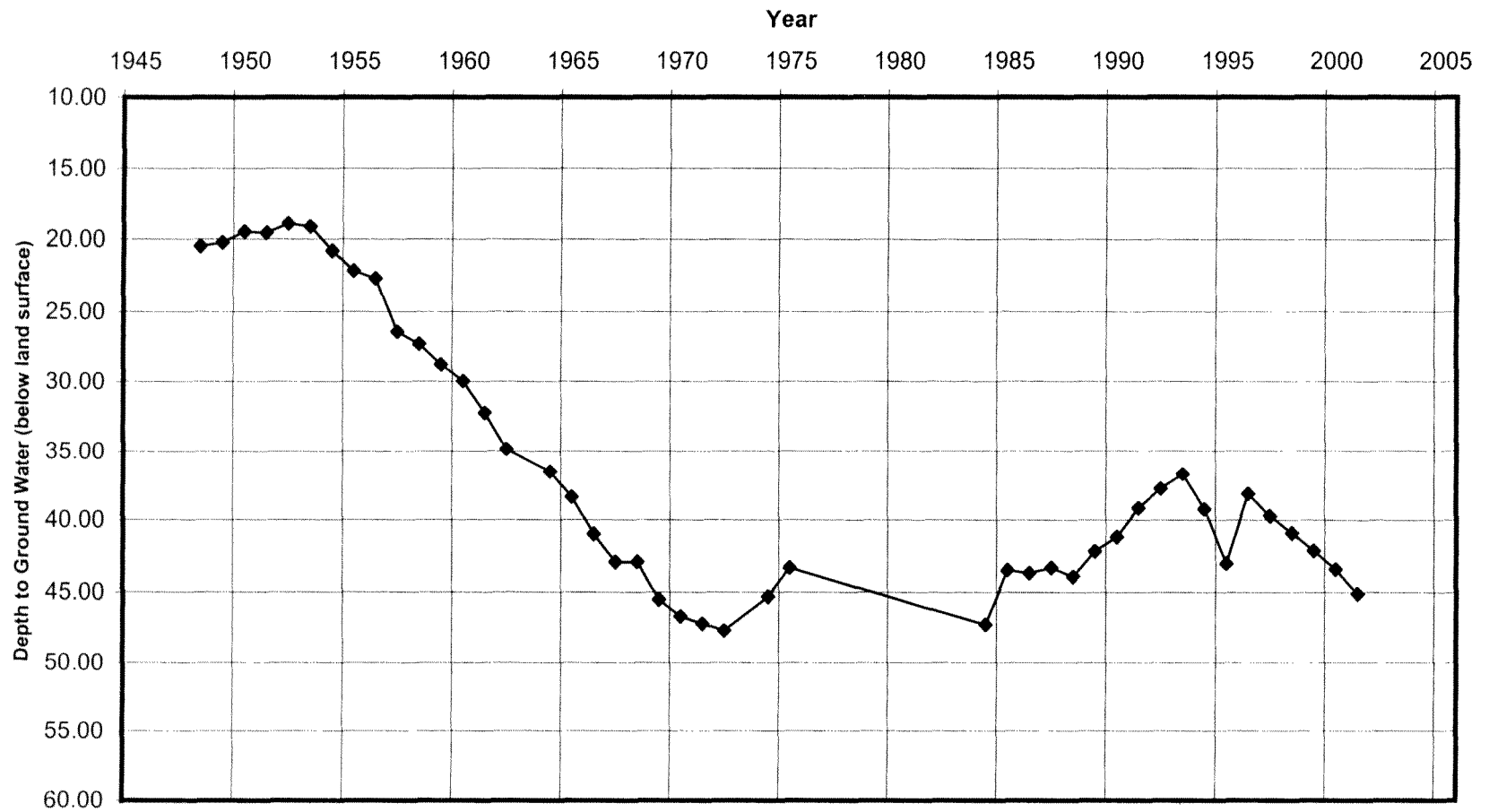


**KB-10**  
**Section 5, T1N, R61W**



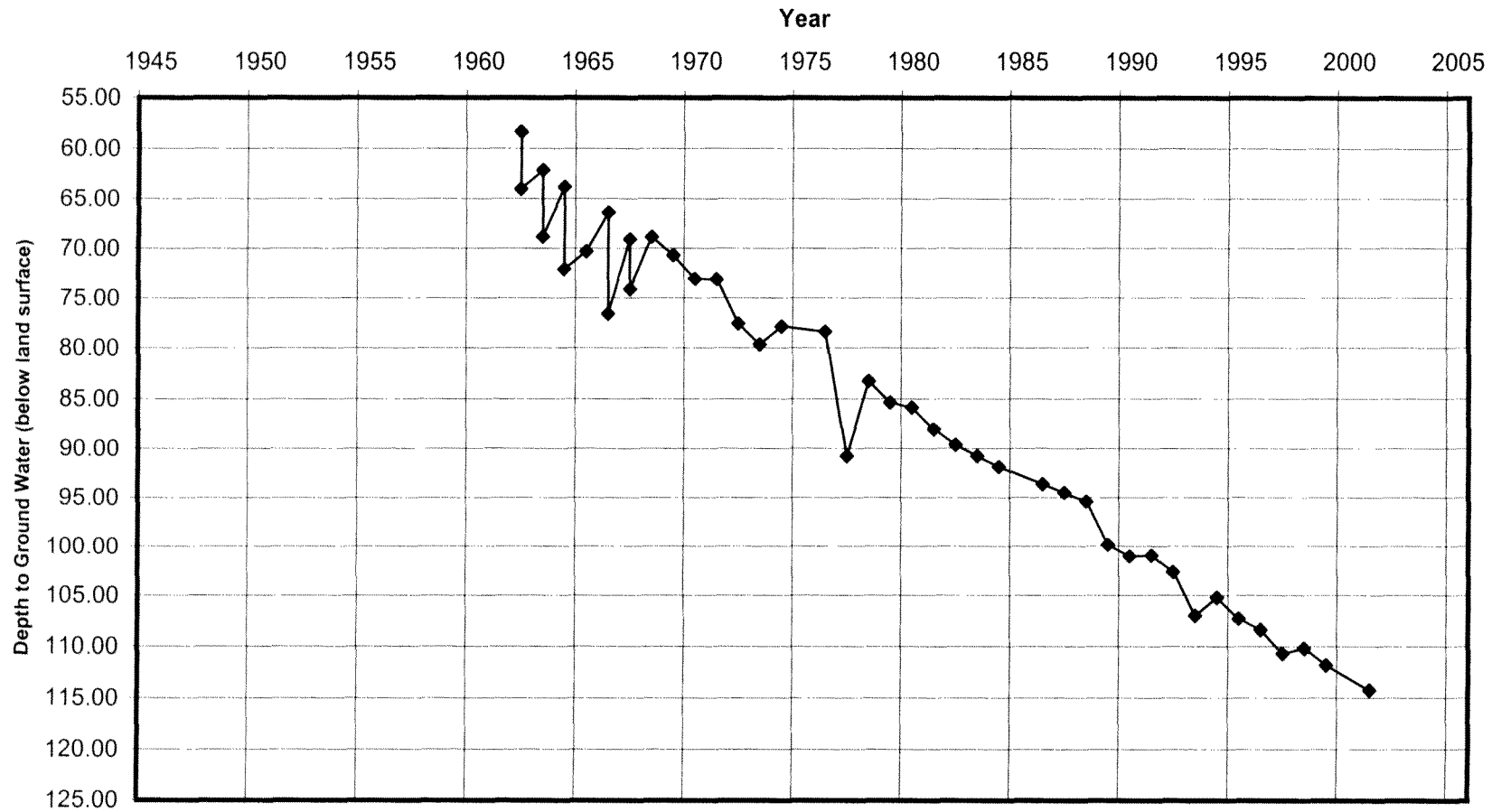


**KB-11**  
**Section 13, T1N, R62W**





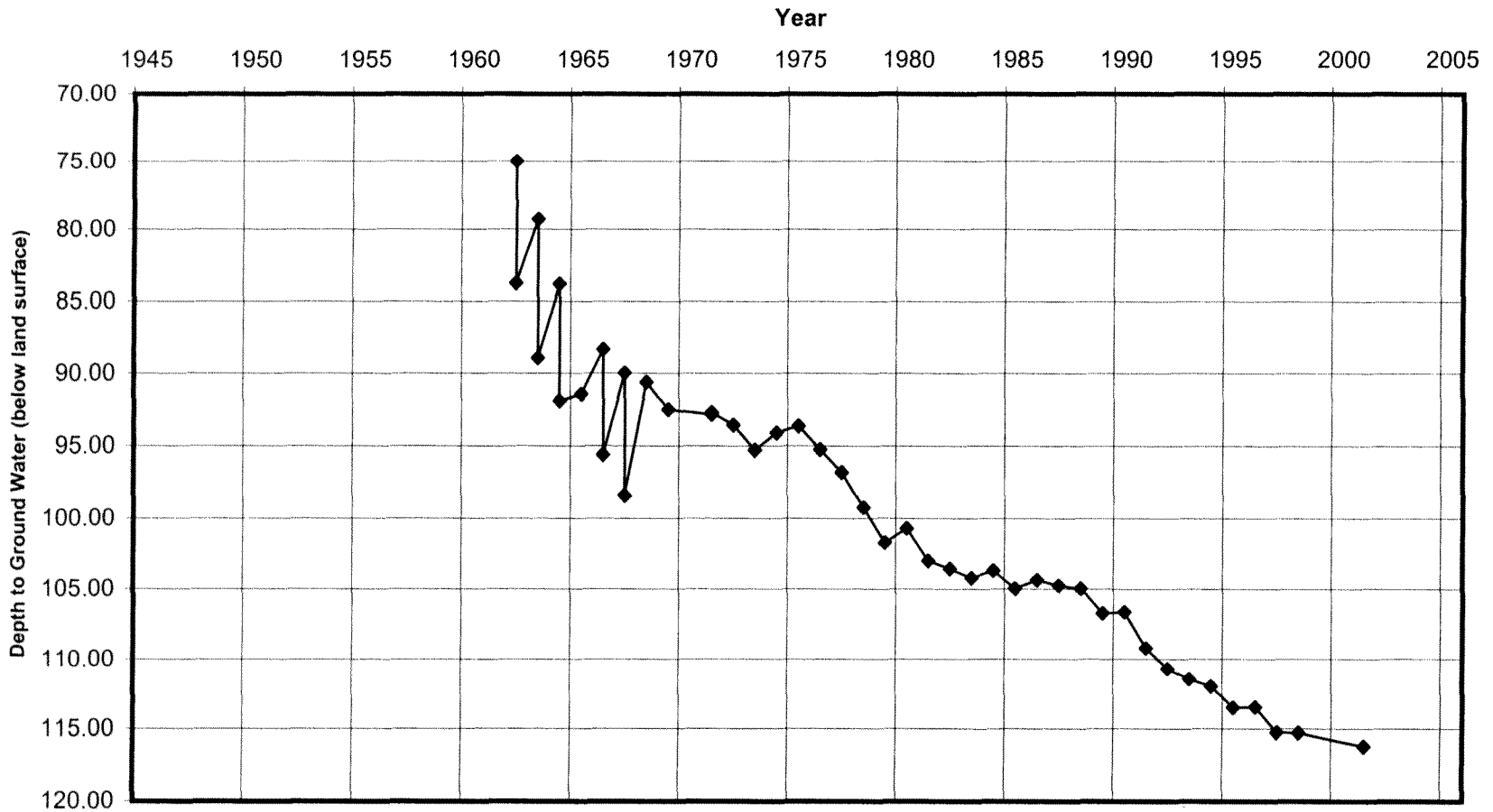
KB-12  
Section 20, T2N, R59W





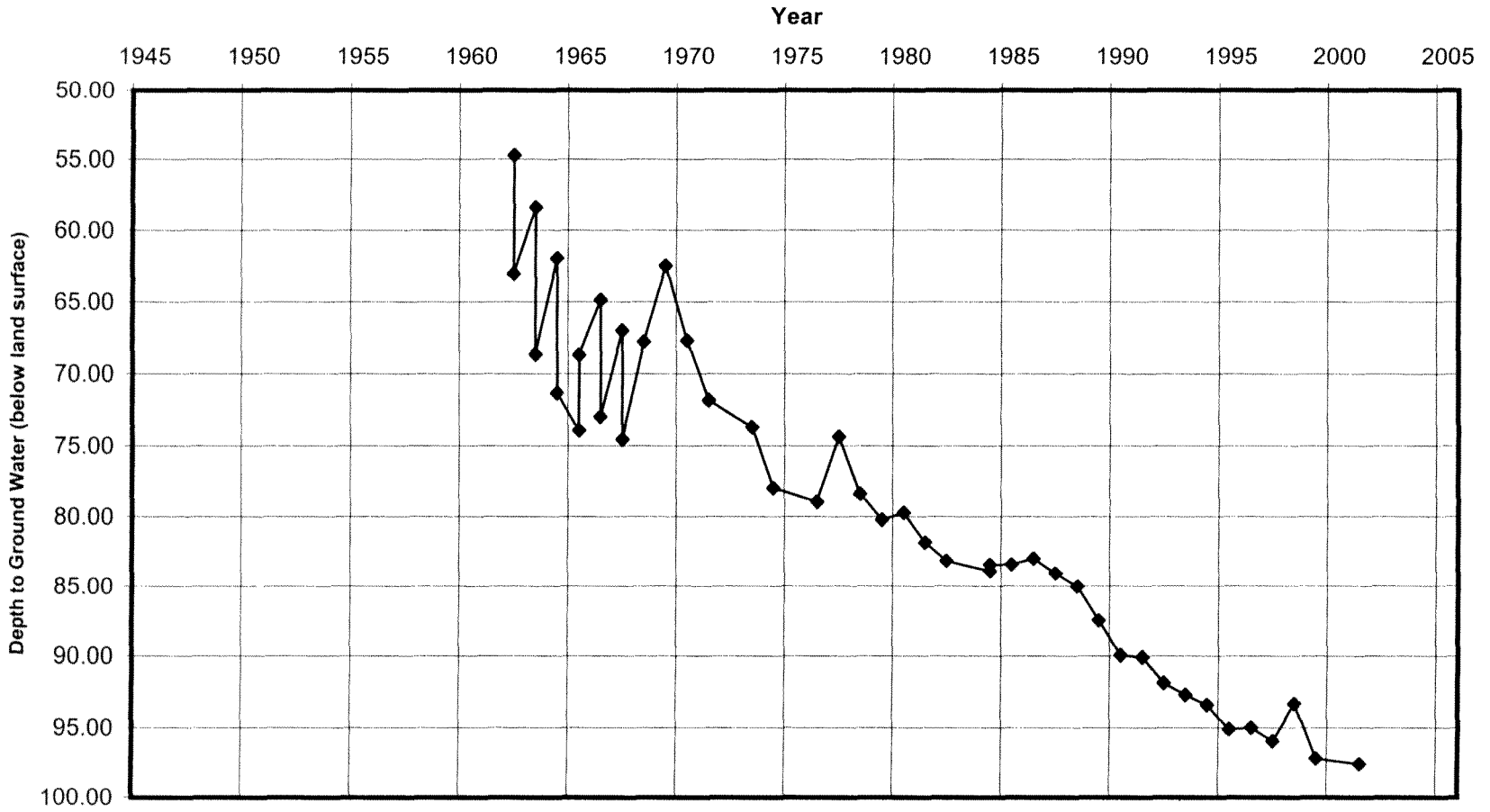


**KB-13**  
**Section 30, T2N, R59W**



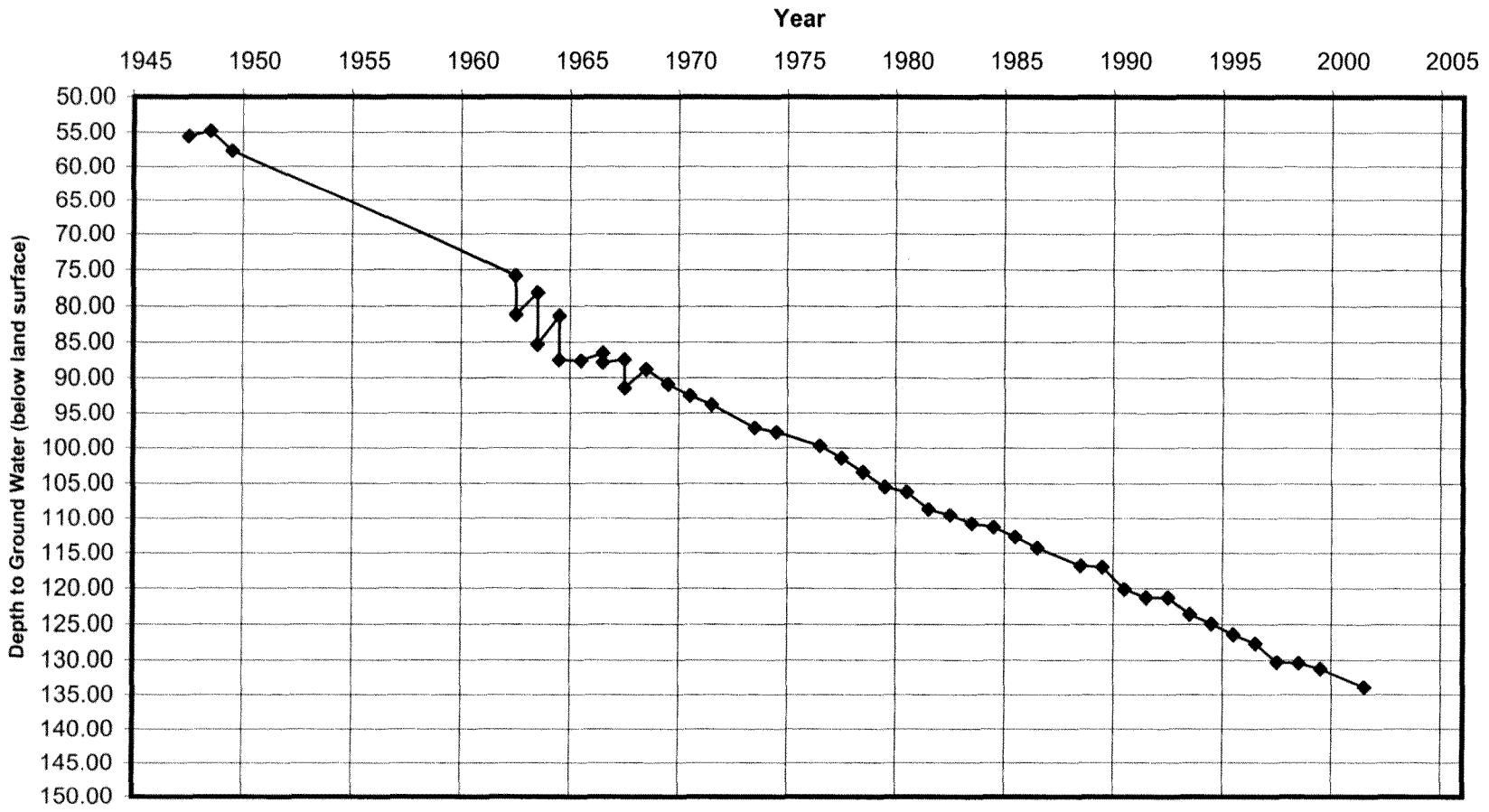


**KB-14**  
**Section 32, T2N, R59W**



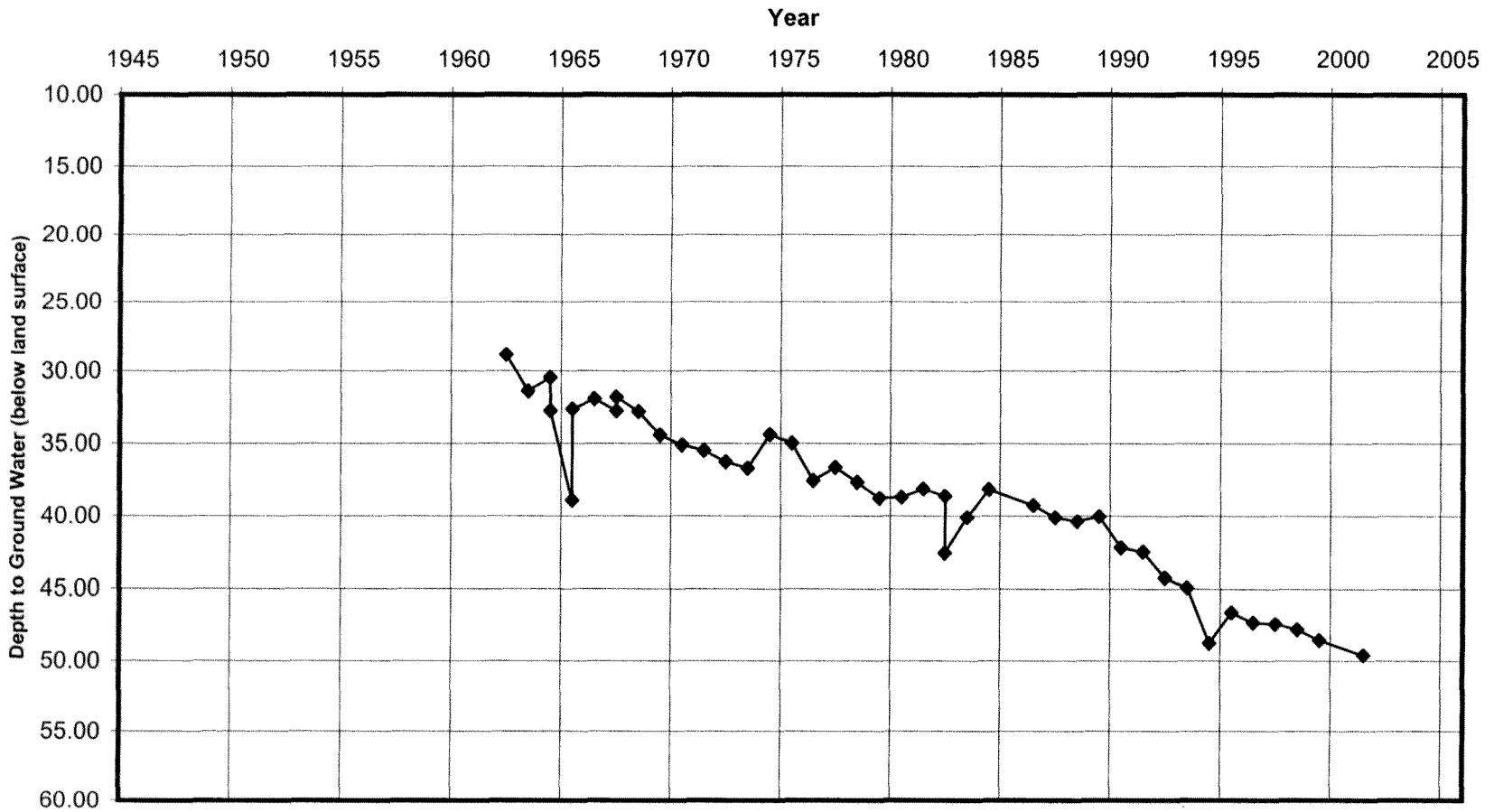


**KB-15**  
**Section 1, T2N, R60W**





**KB-16**  
**Section 11, T2N, R60W**



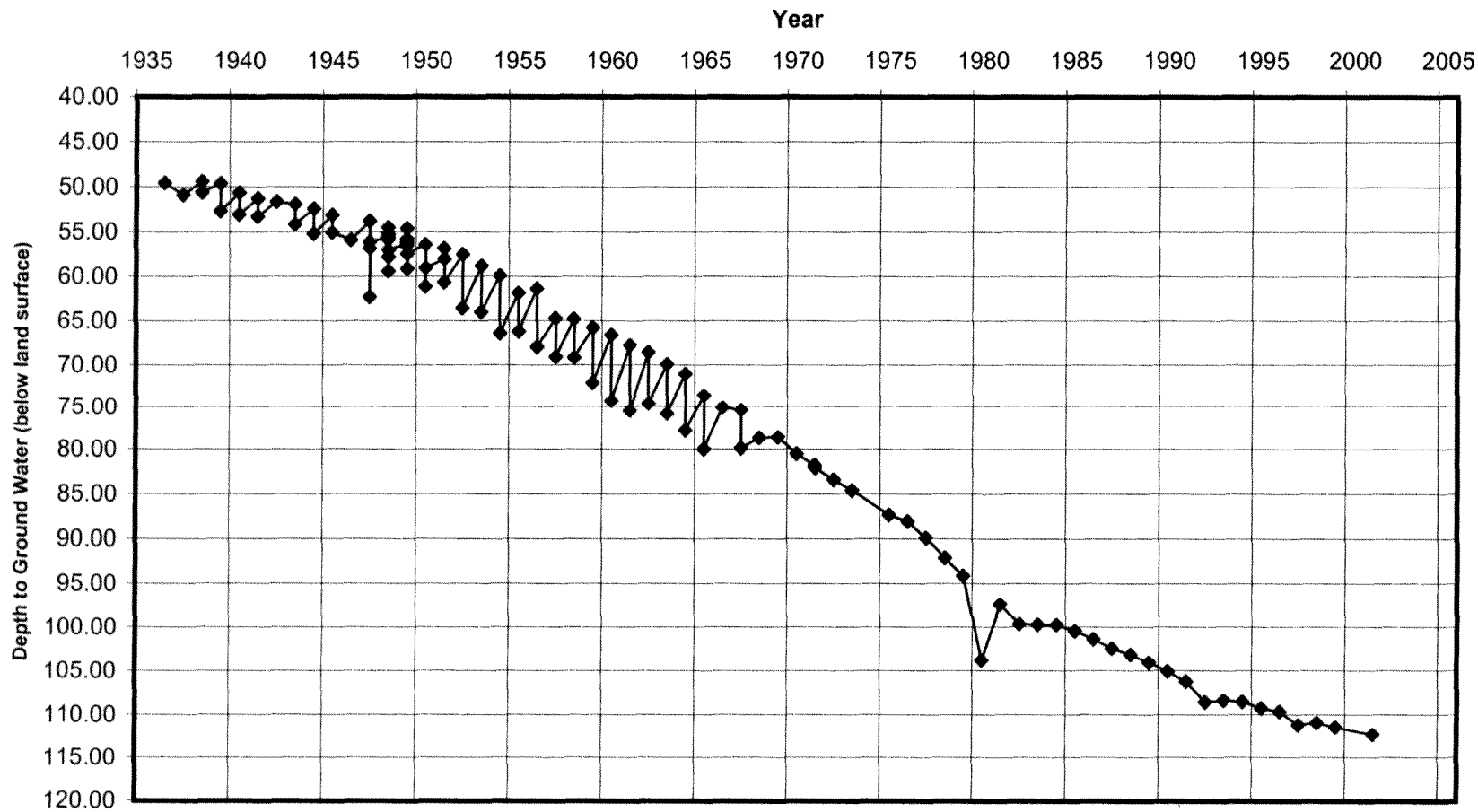


MONITORING WELL DATA SHEET

Well ID: KB-18 Well Owner: [Redacted]  
 Permit #: [Redacted] UTM Coordinates, Zone 13: 0577202E 4450580N  
 County: MICHIGAN  
 Location: [Redacted]  
 Site ID (National): 8012141040534  
 Aquifer: ALLUVIUM  
 Well Depth (ft): 137  
 Surface Elev. (ft): 6.958

Date	Hold (ft)	Cut (ft)	Depth to Water (ft)	Meas. Pt. - Ft. Above Land Surf.	Depth to Water - Ft. Below Land Surf.	Elev. of Water Level (ft)	Change From Previous Level (ft)	Change From 1st Level (ft)	Field Data Recd By
11/11/08	49.60		49.60		49.60	4518			
10/29/07	50.91		50.91		50.91	4517	-1.31	-1.31	
8/11/08	49.44		49.44		49.44	4519	1.87	0.16	
5/11/08	49.44		49.44		49.44	4519	0	0.16	
12/2/09	50.65		50.65		50.65	4517	-1.21	-1.05	
4/25/09	49.65		49.65		49.65	4518	1.95	-0.05	
5/25/09	52.71		52.71		52.71	4515	-3.06	-3.11	
4/29/08	50.67		50.67		50.67	4517	2.04	-1.07	
11/9/09	53.08		53.08		53.08	4516	-2.41	-3.48	
8/7/01	51.32		51.32		51.32	4517	1.76	-1.72	
11/4/04	53.71		53.71		53.71	4515	-1.99	-3.71	
11/19/04	51.69		51.69		51.69	4516	-1.62	-2.09	
9/1/03	51.94		51.94		51.94	4516	-0.25	-2.34	
11/18/03	54.17		54.17		54.17	4514	-2.23	-4.57	
5/1/04	52.45		52.45		52.45	4516	1.72	-2.85	
10/28/04	55.24		55.24		55.24	4513	-2.79	-5.64	
5/20/05	53.13		53.13		53.13	4518	2.11	-3.53	
10/21/05	55.05		55.05		55.05	4513	-1.92	-5.45	
10/28/05	55.93		55.93		55.93	4512	-0.88	-6.33	
4/20/07	53.79		53.79		53.79	4514	2.14	-4.19	
10/24/07	52.33		52.33		52.33	4506	-8.54	-12.73	
11/4/07	56.84		56.84		56.84	4511	5.49	-7.24	
12/4/07	56.14		56.14		56.14	4512	0.70	-6.54	
1/6/08	55.54		55.54		55.54	4513	0.60	-5.94	
2/3/08	55.24		55.24		55.24	4513	0.30	-5.64	
3/10/08	55.84		55.84		55.84	4512	-0.60	-6.24	
4/13/08	54.50		54.50		54.50	4514	1.34	-4.90	
5/3/08	55.54		55.54		55.54	4512	-1.04	-5.94	
8/15/08	59.39		59.39		59.39	4509	-3.85	-9.79	
11/4/08	57.80		57.80		57.80	4510	1.69	-8.20	
11/9/08	57.60		57.60		57.60	4510	0	-8.20	
12/8/08	57.05		57.05		57.05	4511	0.74	-7.46	
1/14/09	56.32		56.32		56.32	4512	0.74	-6.72	
3/13/09	56.10		56.10		56.10	4512	0.22	-6.50	
3/16/09	55.78		55.78		55.78	4517	0.32	-6.18	
4/14/09	56.54		56.54		56.54	4511	-0.76	-6.94	
5/4/09	56.52		56.52		56.52	4511	0.02	-6.92	
6/5/09	54.59		54.59		54.59	4513	1.93	-4.99	
10/17/09	59.15		59.15		59.15	4509	-4.56	-9.55	
12/10/09	57.45		57.45		57.45	4511	1.70	-7.85	
1/8/10/09	57.45		57.45		57.45	4511	0	-7.85	
2/1/10	56.44		56.44		56.44	4517	1.01	-6.84	
4/19/10	61.15		61.15		61.15	4507	-4.71	-11.55	
12/8/10	59.08		59.08		59.08	4509	2.07	-9.48	
2/7/11	58.03		58.03		58.03	4510	1.05	-8.43	
4/12/11	56.85		56.85		56.85	4511	1.18	-7.25	
10/25/11	60.65		60.65		60.65	4507	-3.80	-11.05	
4/25/12	57.50		57.50		57.50	4511	3.15	-7.90	
10/21/12	63.59		63.59		63.59	4504	-6.09	-13.99	
4/16/13	58.82		58.82		58.82	4509	4.77	-9.22	
10/29/13	64.02		64.02		64.02	4504	-5.20	-14.42	
4/25/14	59.92		59.92		59.92	4508	4.10	-10.32	
10/21/14	66.45		66.45		66.45	4502	-6.53	-16.85	
3/31/15	61.89		61.89		61.89	4506	4.56	-12.29	
10/28/15	66.24		66.24		66.24	4502	-4.35	-16.64	
3/21/16	61.40		61.40		61.40	4507	4.84	-11.80	
4/25/16	61.40		61.40		61.40	4507	0	-11.80	
10/28/16	67.99		67.99		67.99	4500	-6.59	-18.39	
11/6/16	67.93		67.93		67.93	4500	0.06	-18.33	
3/14/17	64.70		64.70		64.70	4503	3.23	-15.10	
10/13/17	69.10		69.10		69.10	4499	-4.40	-19.50	
3/27/18	64.82		64.82		64.82	4503	4.28	-15.22	
11/12/18	69.19		69.19		69.19	4499	-4.37	-19.59	
3/22/19	65.82		65.82		65.82	4502	3.37	-16.22	
10/21/19	72.15		72.15		72.15	4495	-6.33	-22.55	
4/1/20	66.60		66.60		66.60	4501	5.95	-17.00	
10/17/20	74.34		74.34		74.34	4498	-7.74	-24.74	
4/20/21	67.76		67.76		67.76	4500	6.58	-18.16	
10/18/21	75.49		75.49		75.49	4463	-7.73	-25.89	
4/4/22	68.60		68.60		68.60	4490	6.89	-19.00	
11/9/22	74.65		74.65		74.65	4463	-6.05	-25.05	
3/25/23	69.94		69.94		69.94	4468	4.71	-20.34	
11/14/23	75.84		75.84		75.84	4462	-5.90	-26.24	
3/30/24	71.07		71.07		71.07	4467	4.77	-21.47	
11/4/24	77.85		77.85		77.85	4490	-6.78	-28.25	
4/2/25	77.54		77.54		77.54	4494	4.21	-24.04	
11/16/25	79.99		79.99		79.99	4468	-3.35	-30.39	
3/17/26	75.12		75.12		75.12	4453	4.87	-25.52	
4/4/27	75.42		75.42		75.42	4463	-0.30	-25.82	
11/7/27	79.91		79.91		79.91	4466	-4.49	-30.31	
3/19/28	78.76		78.76		78.76	4469	1.21	-29.10	
3/17/29	78.64		78.64		78.64	4469	0.06	-29.04	
3/27/29	80.53		80.53		80.53	4467	-1.89	-30.93	
3/24/31	81.80		81.80		81.80	4466	-1.27	-32.20	
3/29/31	82.10		82.10		82.10	4466	-0.30	-32.50	
3/23/32	83.40		83.40		83.40	4465	-1.30	-33.80	
3/22/33	84.60		84.60		84.60	4463	-1.26	-35.06	
1/16/35	87.36		87.36		87.36	4451	-2.78	-37.78	
2/26/36	88.10		88.10		88.10	4460	-0.74	-38.56	
2/27/37	89.93		89.93		89.93	4478	-1.83	-40.33	
3/27/38	92.11		92.11		92.11	4476	-2.18	-42.51	
3/20/39	94.12		94.12		94.12	4474	-2.01	-44.33	
3/25/40	103.83		103.83		103.83	4454	-9.71	-54.23	
3/11/41	97.39		97.39		97.39	4471	6.44	-47.79	
3/15/42	99.67		99.67		99.67	4469	-2.28	-50.07	
3/24/43	99.74		99.74		99.74	4469	-0.07	-50.14	
3/26/44	99.78		99.78		99.78	4468	-0.04	-50.18	
3/26/45	100.45		100.45		100.45	4469	-0.67	-50.85	
3/24/46	101.40		101.40		101.40	4467	-0.95	-51.80	
4/18/47	102.44		102.44		102.44	4466	-1.04	-52.84	
4/9/48	103.20		103.20		103.20	4465	-0.76	-53.60	
4/29/49	104.08		104.08		104.08	4464	-0.88	-54.48	
3/11/50	105.10		105.10		105.10	4463	-1.02	-55.50	
3/26/51	106.28		106.28		106.28	4462	-1.18	-56.68	
3/25/52	106.60		106.60		106.60	4459	-2.32	-59.00	
3/29/53	108.40		108.40		108.40	4460	0.20	-58.80	
3/19/54	108.55		108.55		108.55	4458	-0.15	-58.95	
3/17/55	109.30		109.30		109.30	4459	-0.75	-59.70	
3/19/56	109.67		109.67		109.67	4459	-0.37	-60.07	
4/8/57	111.20		111.20		111.20	4457	-1.53	-61.60	
4/7/58	110.97		110.97		110.97	4467	0.23	-61.37	
3/15/59	111.49		111.49		111.49	4457	-0.52	-61.89	
2/20/61	112.30		112.30		112.30	4466	-0.81	-62.70	

**KB-18**  
**Section 22, T3N, R60W**

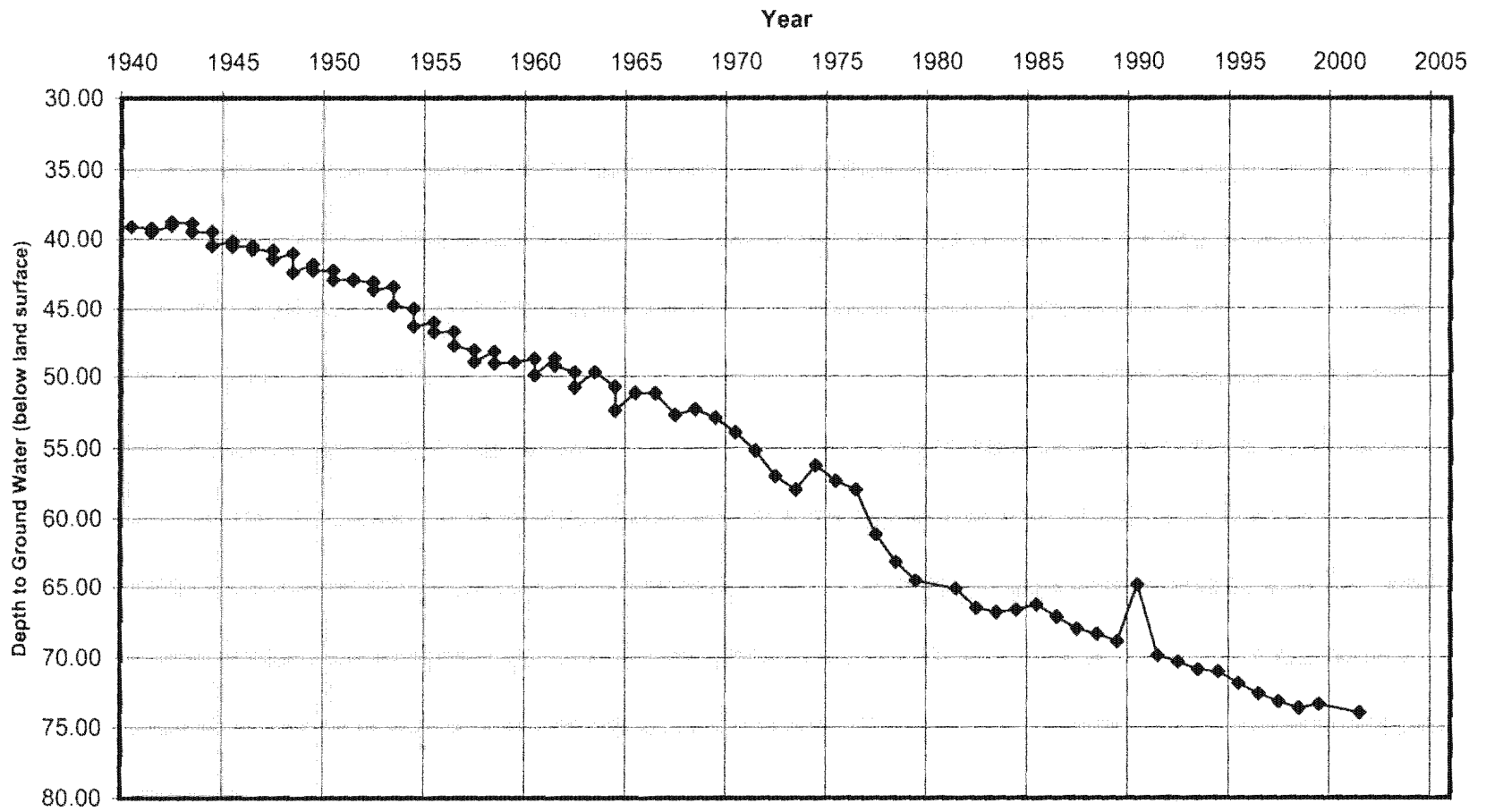


MONITORING WELL DATA SHEET

Well I.D. KB-19 Well Owner [Redacted]  
 Permit # [Redacted] UTM Coordinates, Zone 13 0574373E 4448086N  
 County MORGAN  
 Location SB00306032CAB  
 Site I.D. (lat/long) 40.10551049734  
 Aquifer ALLUVIUM  
 Well Depth (ft) 80  
 Surface Elev. (ft) 4,598

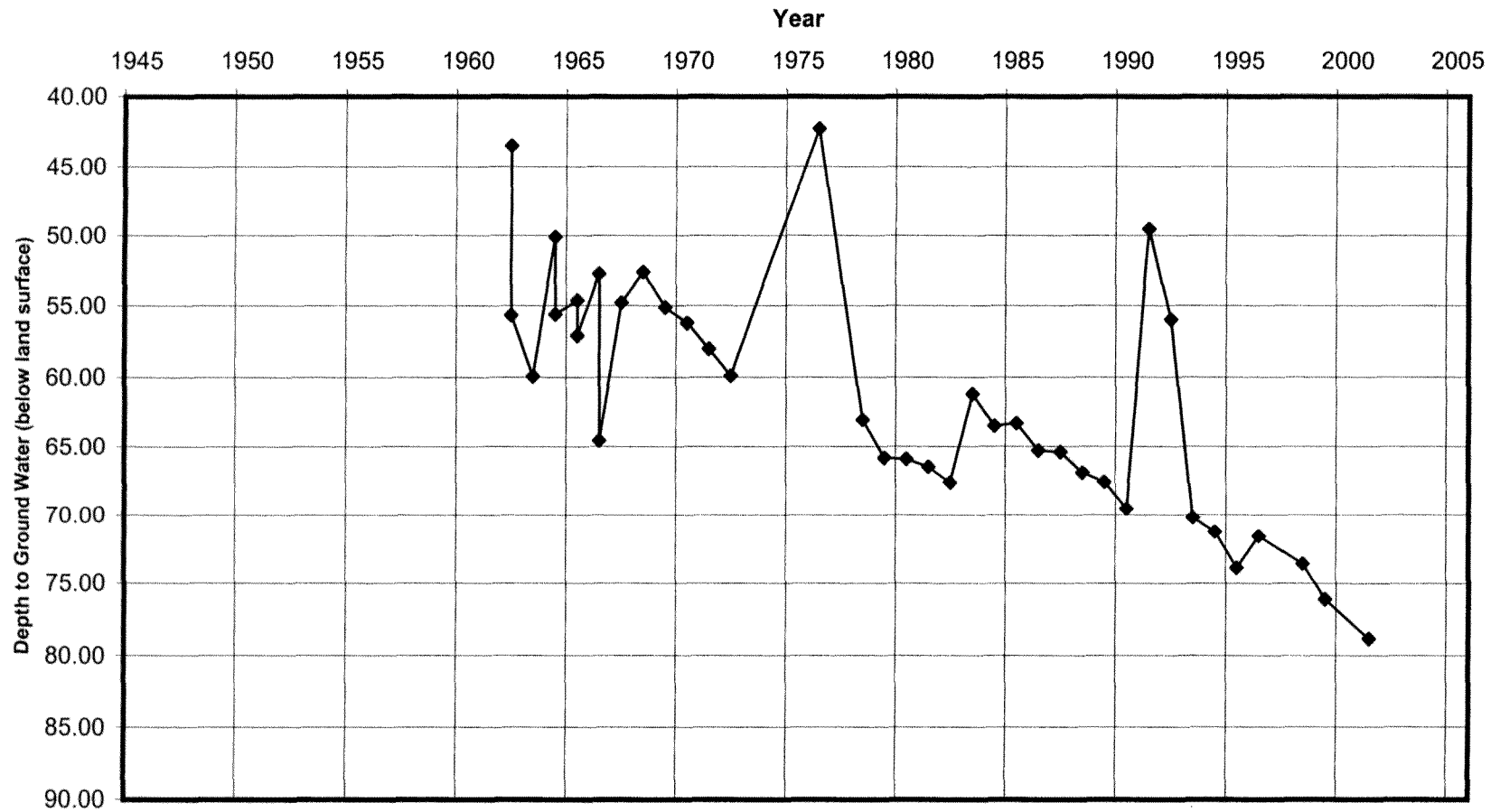
Date	Hold (ft)	Cut (ft)	Depth to Water (ft)	Meas. Pt. - Ft. Above Land Surf.	Depth to Water - Ft. Below Land Surf.	Elev. of Water Level (ft)	Change From Previous Level (ft)	Change From 1st Level (ft)	Field Date Recd By
11/29/40	39.12		39.12		39.12	4559			
5/7/41	39.23		39.23		39.23	4559	-0.11	-0.11	
11/4/41	39.52		39.52		39.52	4558	-0.29	-0.40	
4/18/42	39.02		39.02		39.02	4559	0.50	0.10	
11/18/42	38.76		38.76		38.76	4559	0.26	0.36	
4/1/43	38.90		38.90		38.90	4559	-0.14	0.22	
11/18/43	39.48		39.48		39.48	4559	-0.58	-0.36	
5/1/44	39.47		39.47		39.47	4559	0.01	-0.35	
10/28/44	40.46		40.46		40.46	4558	-0.99	-1.34	
4/20/45	40.15		40.15		40.15	4558	0.31	-1.03	
10/31/45	40.52		40.52		40.52	4557	-0.37	-1.40	
4/24/46	40.49		40.49		40.49	4558	0.03	-1.37	
10/28/46	40.76		40.76		40.76	4557	-0.27	-1.64	
4/30/47	40.81		40.81		40.81	4557	-0.05	-1.69	
11/4/47	41.44		41.44		41.44	4557	-0.63	-2.32	
4/13/48	41.03		41.03		41.03	4557	0.41	-1.91	
11/4/48	42.42		42.42		42.42	4556	-1.39	-3.30	
4/14/49	41.82		41.82		41.82	4556	0.60	-2.70	
12/10/49	42.27		42.27		42.27	4556	-0.45	-3.15	
4/10/50	42.26		42.26		42.26	4556	0.01	-3.14	
12/9/50	42.95		42.95		42.95	4555	-0.69	-3.83	
4/12/51	42.90		42.90		42.90	4555	0.05	-3.78	
10/29/51	42.99		42.99		42.99	4555	-0.09	-3.87	
4/3/52	43.10		43.10		43.10	4555	-0.11	-3.98	
10/24/52	43.69		43.69		43.69	4554	-0.59	-4.57	
4/20/53	43.45		43.45		43.45	4555	0.24	-4.33	
10/20/53	44.80		44.80		44.80	4553	-1.35	-5.68	
4/7/54	45.02		45.02		45.02	4553	-0.22	-5.90	
10/18/54	46.36		46.36		46.36	4552	-1.34	-7.24	
3/31/55	46.04		46.04		46.04	4552	0.32	-6.92	
10/28/55	46.80		46.80		46.80	4551	-0.76	-7.68	
4/1/56	46.75		46.75		46.75	4551	0.05	-7.63	
4/15/56	47.80		47.80		47.80	4550	-1.05	-8.68	
3/14/57	48.14		48.14		48.14	4550	-0.34	-9.02	
10/11/57	48.98		48.98		48.98	4549	-0.84	-9.86	
3/31/58	48.24		48.24		48.24	4550	0.74	-9.12	
10/11/58	49.10		49.10		49.10	4549	-0.86	-9.98	
3/23/59	49.00		49.00		49.00	4549	0.10	-9.88	
10/21/59	49.00		49.00		49.00	4549	0	-9.88	
4/1/60	48.75		48.75		48.75	4549	0.25	-9.63	
10/17/60	49.95		49.95		49.95	4548	-1.20	-10.83	
4/20/61	48.73		48.73		48.73	4549	1.22	-9.61	
10/18/61	49.26		49.26		49.26	4549	-0.53	-10.14	
4/4/62	49.74		49.74		49.74	4548	-0.48	-10.62	
11/15/62	50.80		50.80		50.80	4547	-1.06	-11.68	
3/25/63	49.74		49.74		49.74	4548	1.06	-10.62	
3/30/64	50.76		50.76		50.76	4547	-1.02	-11.64	
11/4/64	52.39		52.39		52.39	4546	-1.63	-13.27	
4/3/65	51.17		51.17		51.17	4547	1.22	-12.05	
3/17/66	51.18		51.18		51.18	4547	-0.01	-12.06	
11/8/67	52.70		52.70		52.70	4545	-1.52	-13.58	
3/19/68	52.31		52.31		52.31	4546	0.39	-13.19	
3/17/69	52.88		52.88		52.88	4545	-0.57	-13.76	
3/27/70	53.90		53.90		53.90	4544	-1.02	-14.78	
3/24/71	55.18		55.18		55.18	4543	-1.28	-16.06	
3/24/72	57.00		57.00		57.00	4541	-1.82	-17.88	
3/22/73	57.94		57.94		57.94	4540	-0.94	-18.82	
5/2/74	56.22		56.22		56.22	4542	1.72	-17.10	
3/20/75	57.33		57.33		57.33	4541	-1.11	-18.21	
2/25/76	57.94		57.94		57.94	4540	-0.61	-18.82	
3/27/77	61.18		61.18		61.18	4537	-3.24	-22.06	
3/7/78	63.17		63.17		63.17	4535	-1.99	-24.05	
3/2/79	64.53		64.53		64.53	4533	-1.36	-25.41	
3/11/81	65.12		65.12		65.12	4533	-0.59	-26.00	
3/15/82	66.52		66.52		66.52	4531	-1.40	-27.40	
3/24/83	66.82		66.82		66.82	4531	-0.30	-27.70	
3/25/84	66.66		66.66		66.66	4531	0.16	-27.54	
4/8/85	66.29		66.29		66.29	4531	0.37	-27.17	
3/24/86	67.15		67.15		67.15	4531	-0.86	-28.03	
4/1/87	67.97		67.97		67.97	4530	-0.82	-28.85	
4/6/88	68.34		68.34		68.34	4530	-0.37	-29.22	
4/3/89	68.87		68.87		68.87	4529	-0.53	-29.75	
3/11/90	64.82		64.82		64.82	4533	4.05	-25.70	
3/25/91	68.88		68.88		68.88	4528	-5.06	-30.76	
3/23/92	70.35		70.35		70.35	4528	-0.47	-31.23	
3/28/93	70.90		70.90		70.90	4527	-0.55	-31.78	
3/15/94	71.05		71.05		71.05	4527	-0.15	-31.93	
3/17/95	71.90		71.90		71.90	4526	-0.85	-32.78	
3/18/96	72.64		72.64		72.64	4525	-0.74	-33.52	
4/8/97	73.23		73.23		73.23	4525	-0.59	-34.11	
4/1/98	73.67		73.67		73.67	4524	-0.44	-34.55	
3/15/99	73.40		73.40		73.40	4525	0.27	-34.28	
2/20/01	74.00		74.00		74.00	4524	-0.60	-34.88	

KB-19  
Section 32, T3N, R60W



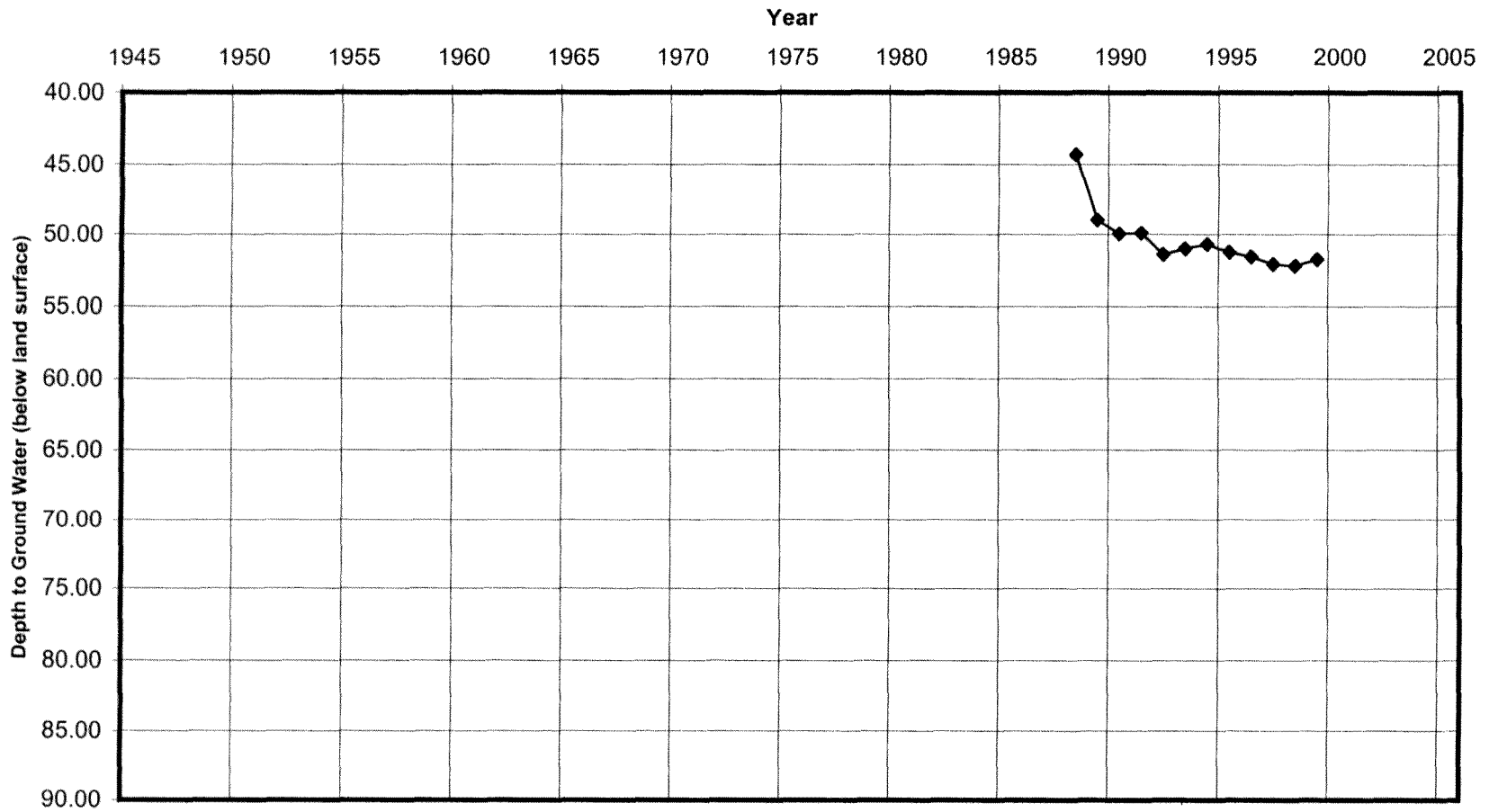


**KB-21**  
**Section 3, T1S, R60W**





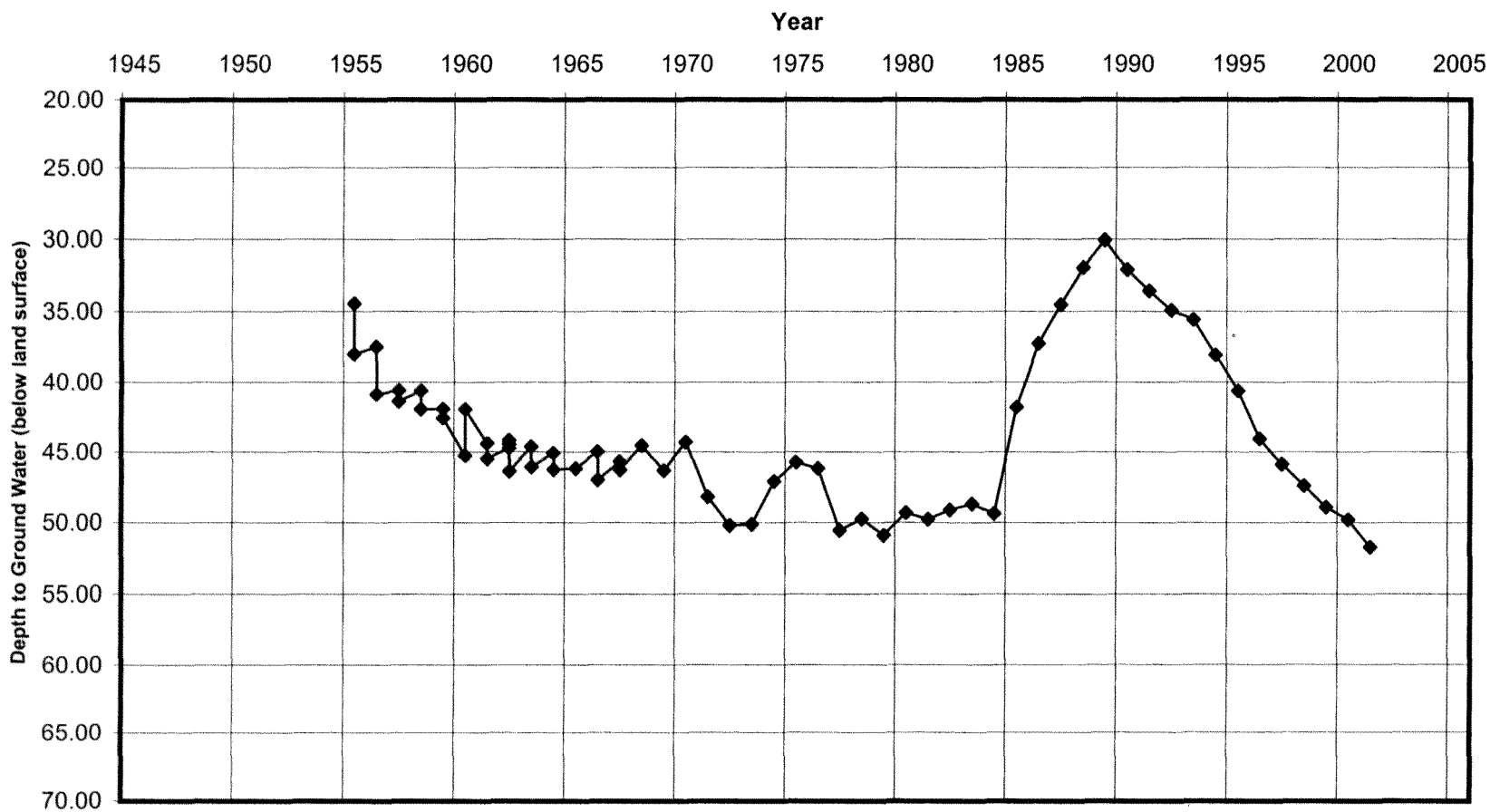
**KB-22**  
**Section 17, T1S, R60W**







**KB-23**  
**Section 2, T1S, R62W**

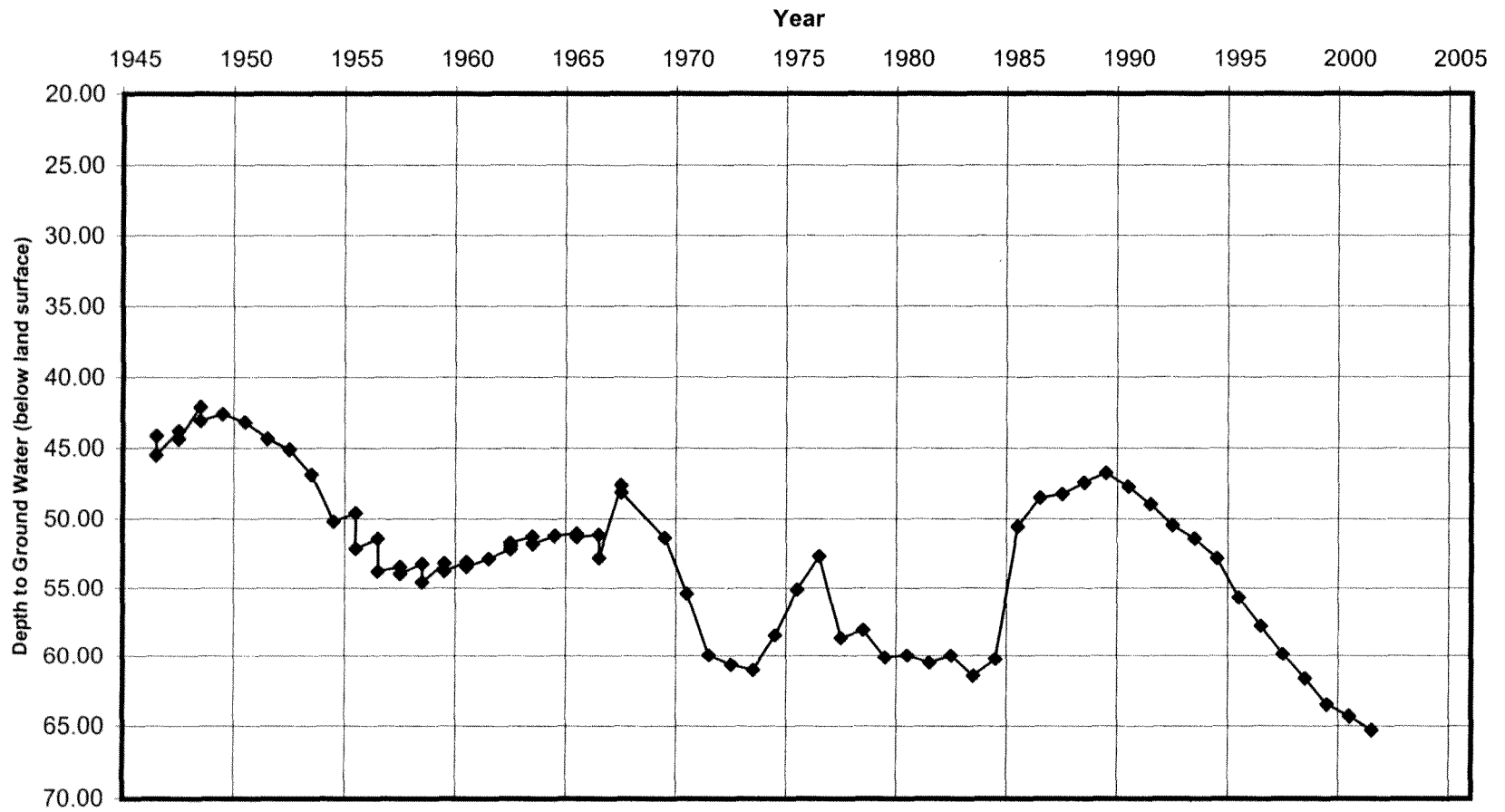


MONITORING WELL DATA SHEET

Well I.D.:	KB-24	Well Owner:	
Permit #:		UTM Coordinates, Zone 13:	055939°E 4421786N
County:	ADAMS		
Location:	SC00106222DCA		
Site I.D. (lat/long):	366643/1041833		
Aquifer:	ALLUVIUM		
Well Depth (ft):	85		
Surface Elev. (ft):	4.994		

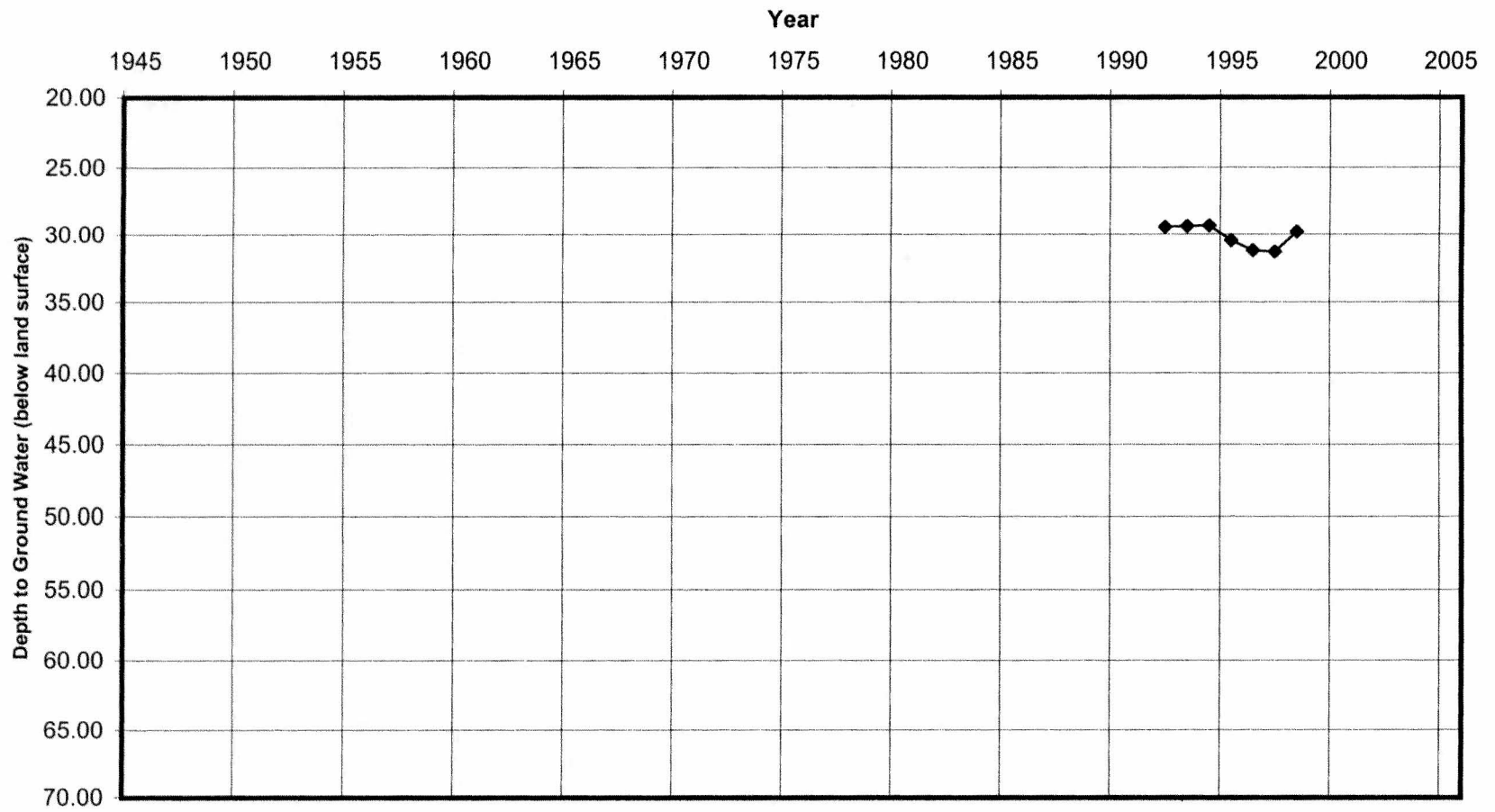
Date	Hold (ft)	Cut (ft)	Depth to Water (ft)	Meas. Pt. - Ft. Above Land Surf.	Depth to Water - Ft. Below Land Surf.	Elev of Water Level (ft)	Change From Previous Level (ft)	Change From 1st Level (ft)	Field Data Rcrd By
4/24/46	44.14		44.14		44.14	4950			
10/6/46	45.48		45.48		45.48	4949	-1.34	-1.34	
4/30/47	43.81		43.81		43.81	4950	1.67	0.33	
10/29/47	44.38		44.38		44.38	4950	-0.57	-0.24	
4/23/48	42.12		42.12		42.12	4952	2.26	2.02	
11/10/48	43.10		43.10		43.10	4951	-0.98	1.04	
11/25/49	42.61		42.61		42.61	4951	0.49	1.53	
11/28/50	43.19		43.19		43.19	4951	-0.58	0.95	
12/3/51	44.36		44.36		44.36	4950	-1.17	-0.22	
11/6/52	45.11		45.11		45.11	4949	-0.75	-0.97	
11/17/53	46.85		46.85		46.85	4947	-1.74	-2.71	
11/11/54	50.20		50.20		50.20	4944	-3.35	-6.06	
4/6/55	49.58		49.58		49.58	4944	0.82	-5.44	
11/10/55	52.14		52.14		52.14	4942	-2.56	-8.00	
4/18/56	51.43		51.43		51.43	4943	0.71	-7.29	
12/17/56	53.77		53.77		53.77	4940	-2.34	-9.63	
5/8/57	53.43		53.43		53.43	4941	0.34	-9.29	
11/14/57	53.96		53.96		53.96	4940	-0.53	-9.82	
4/3/58	53.20		53.20		53.20	4941	0.76	-9.06	
11/14/58	54.55		54.55		54.55	4939	-1.35	-10.41	
4/23/59	53.16		53.16		53.16	4941	1.39	-9.02	
11/6/59	53.75		53.75		53.75	4940	-0.59	-9.61	
4/13/60	53.08		53.08		53.08	4941	0.67	-8.94	
11/1/60	53.44		53.44		53.44	4941	-0.36	-9.30	
4/10/61	52.85		52.85		52.85	4941	0.59	-8.71	
2/5/62	52.18		52.18		52.18	4942	0.67	-8.04	
3/30/62	51.95		51.95		51.95	4942	0.23	-7.81	
5/30/62	51.77		51.77		51.77	4942	0.18	-7.63	
10/13/62	51.71		51.71		51.71	4942	0.06	-7.57	
4/24/63	51.26		51.26		51.26	4943	0.45	-7.12	
11/11/63	51.80		51.80		51.80	4942	-0.54	-7.66	
3/31/64	51.21		51.21		51.21	4943	0.59	-7.07	
11/21/64	51.20		51.20		51.20	4943	0.01	-7.06	
4/30/65	51.05		51.05		51.05	4943	0.15	-6.91	
12/10/65	51.31		51.31		51.31	4943	-0.26	-7.17	
4/1/66	51.14		51.14		51.14	4943	0.17	-7.00	
11/10/66	52.79		52.79		52.79	4941	-1.65	-8.65	
3/30/67	47.60		47.60		47.60	4946	5.19	-3.46	
11/9/67	48.11		48.11		48.11	4946	-0.51	-3.97	
3/14/69	51.34		51.34		51.34	4943	3.23	-7.20	
3/27/70	55.40		55.40		55.40	4939	-4.06	-11.26	
3/23/71	59.96		59.96		59.96	4934	-4.56	-15.82	
3/23/72	60.67		60.67		60.67	4933	-0.71	-16.53	
3/12/73	61.07		61.07		61.07	4933	-0.40	-16.93	
3/14/74	58.47		58.47		58.47	4936	2.60	-14.33	
3/14/75	55.11		55.11		55.11	4939	3.36	-10.97	
3/3/76	52.67		52.67		52.67	4941	2.44	-8.53	
3/1/77	58.69		58.69		58.69	4935	-6.02	-14.55	
3/8/78	58.08		58.08		58.08	4936	0.61	-13.94	
3/8/79	60.14		60.14		60.14	4934	-2.06	-16.00	
3/6/80	59.98		59.98		59.98	4934	0.16	-15.84	
3/3/81	60.53		60.53		60.53	4933	-0.55	-16.39	
3/9/82	60.00		60.00		60.00	4934	0.53	-15.86	
3/11/83	61.48		61.48		61.48	4933	-1.48	-17.34	
4/5/84	60.25		60.25		60.25	4934	1.23	-16.11	
3/26/85	50.55		50.55		50.55	4943	9.70	-6.41	
4/21/86	48.48		48.48		48.48	4946	2.07	-4.34	
4/16/87	48.22		48.22		48.22	4946	0.26	-4.08	
4/7/88	47.41		47.41		47.41	4947	0.81	-3.27	
3/31/89	46.73		46.73		46.73	4947	0.68	-2.59	
3/15/90	47.70		47.70		47.70	4946	-0.97	-3.56	
3/26/91	48.96		48.96		48.96	4945	-1.26	-4.82	
3/24/92	50.46		50.46		50.46	4944	-1.50	-6.32	
3/30/93	51.40		51.40		51.40	4943	-0.94	-7.26	
3/15/94	52.81		52.81		52.81	4941	-1.41	-8.67	
3/20/95	55.70		55.70		55.70	4938	-2.69	-11.56	
3/19/96	57.77		57.77		57.77	4936	-2.07	-13.63	
4/8/97	59.90		59.90		59.90	4934	-2.13	-15.76	
4/1/98	61.69		61.69		61.69	4932	-1.79	-17.55	
3/15/99	63.54		63.54		63.54	4930	-1.85	-19.40	
3/15/00	64.35		64.35		64.35	4930	-0.81	-20.21	
2/20/01	65.30		65.30		65.30	4929	-0.95	-21.16	

**KB-24**  
**Section 22, T1S, R62W**



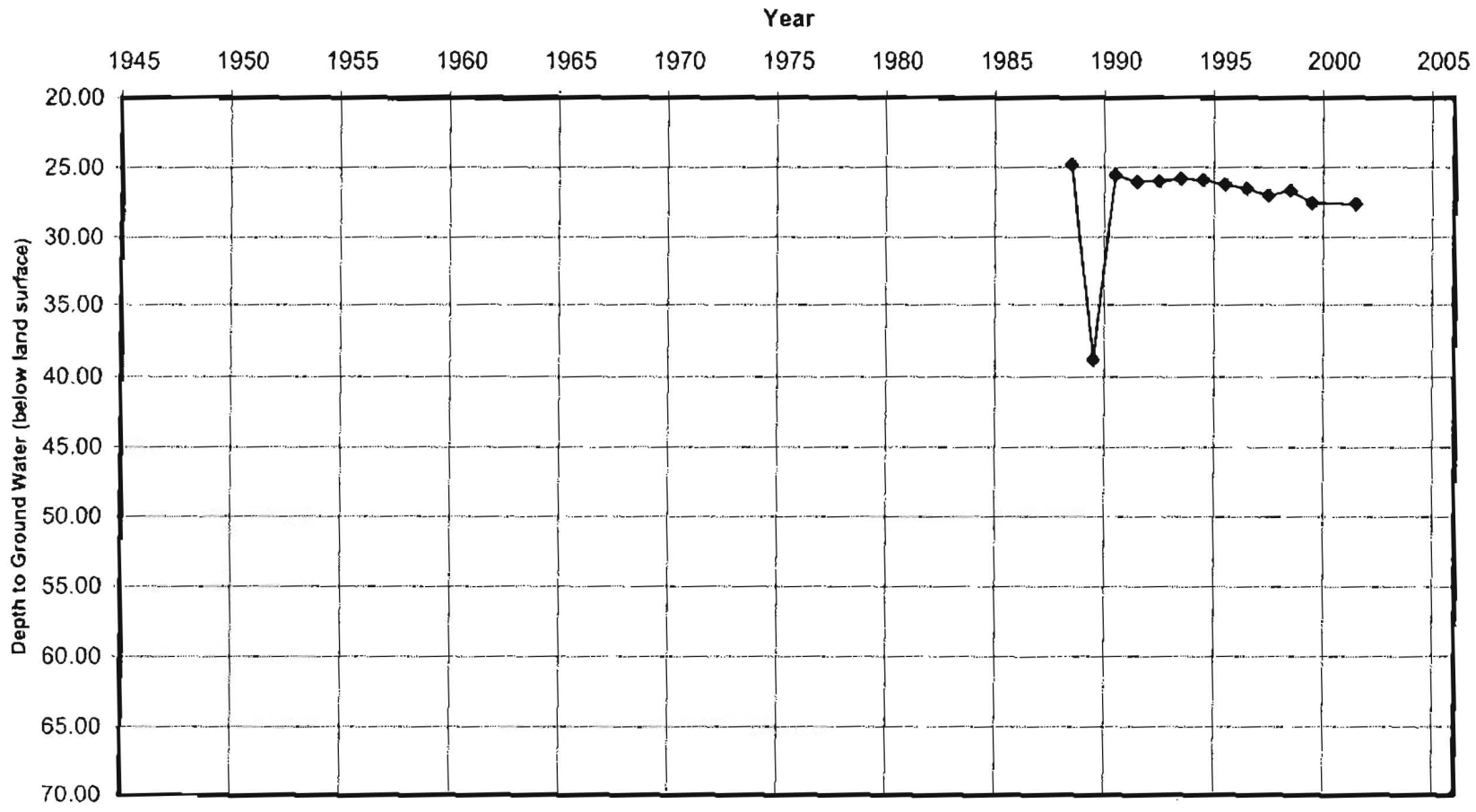


**KB-25A**  
**Section 19, T2S, R60W**





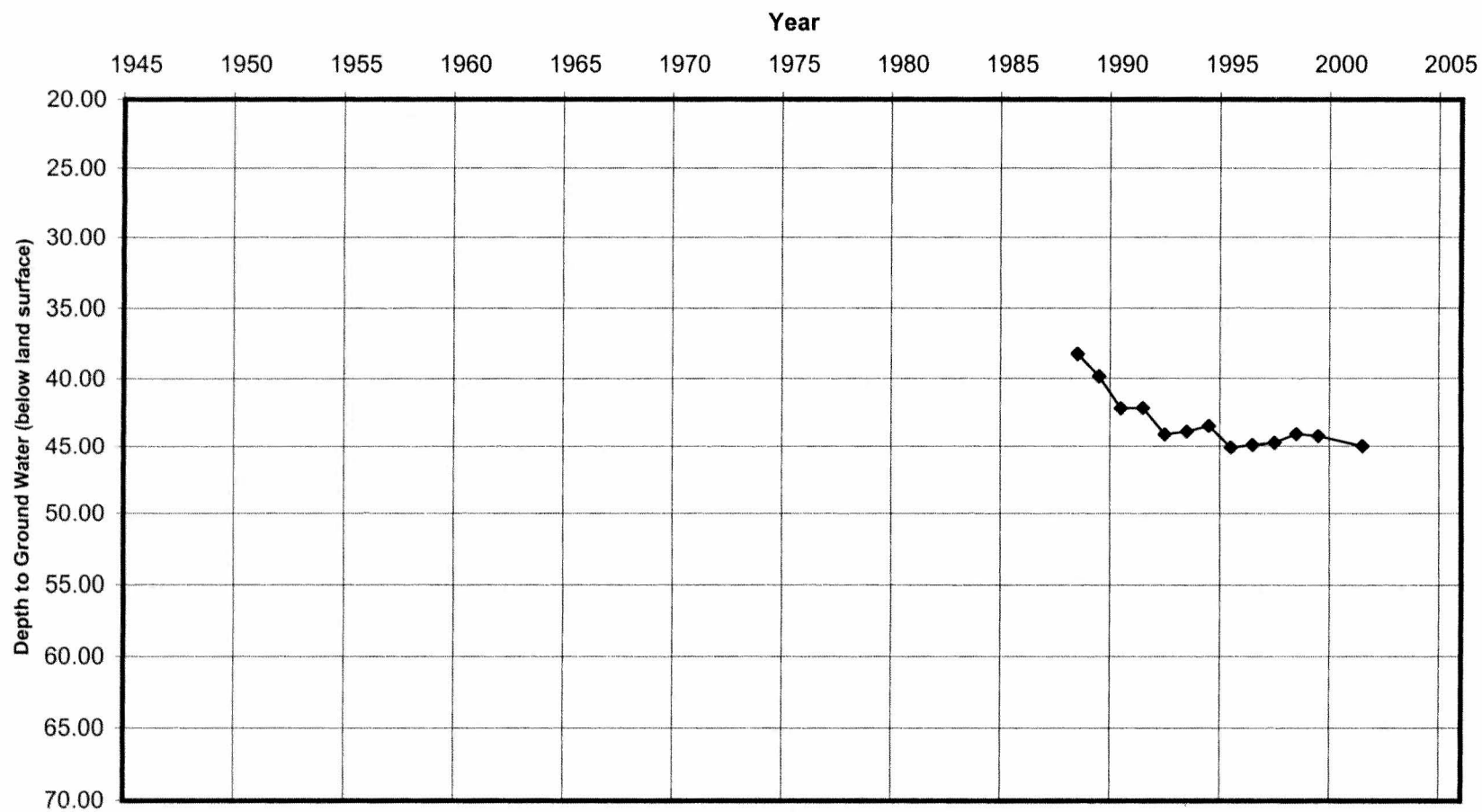
**KB-26**  
**Section 6, T2S, R60W**





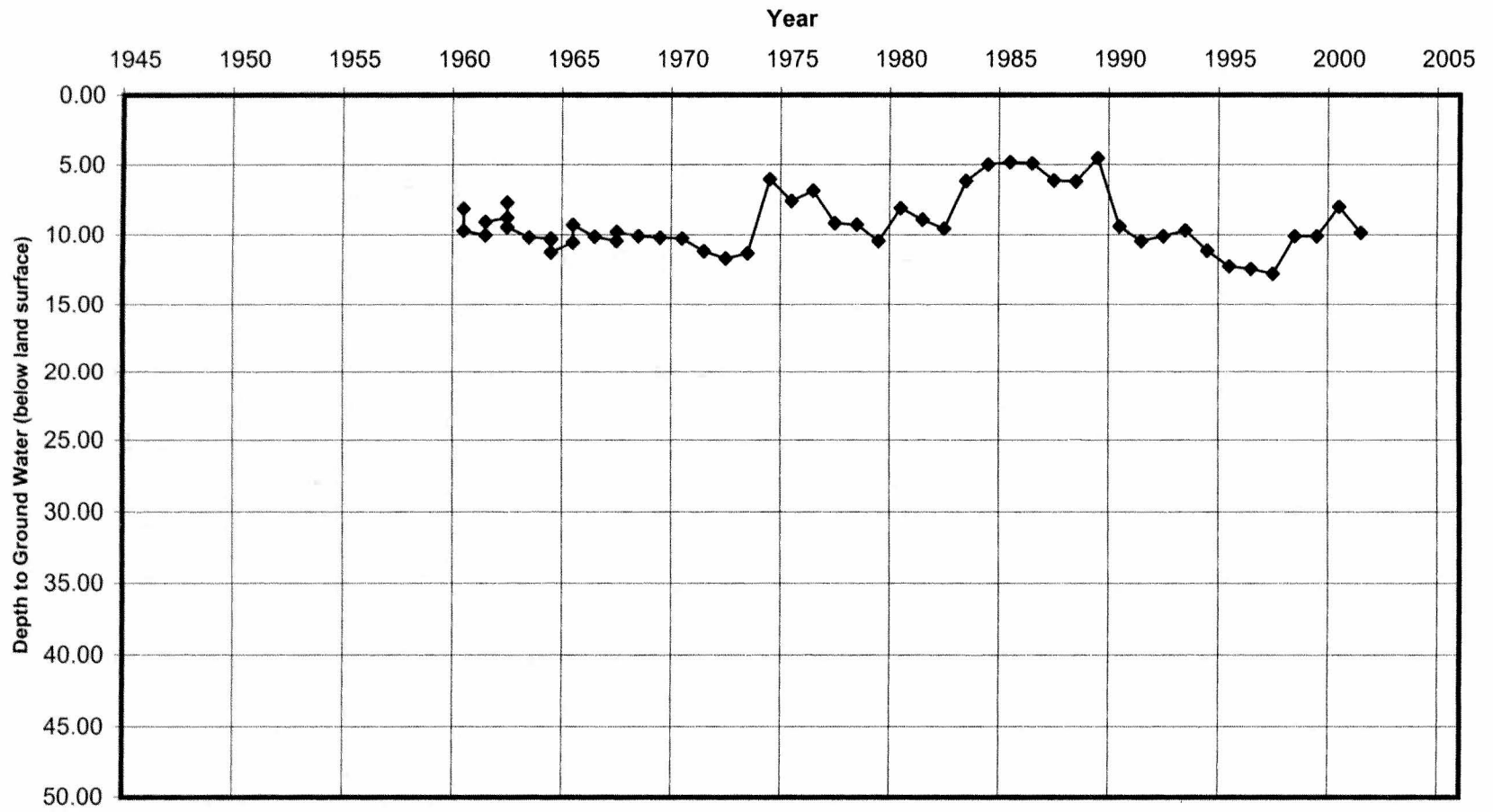


**KB-27**  
**Section 23, T2S, R61W**



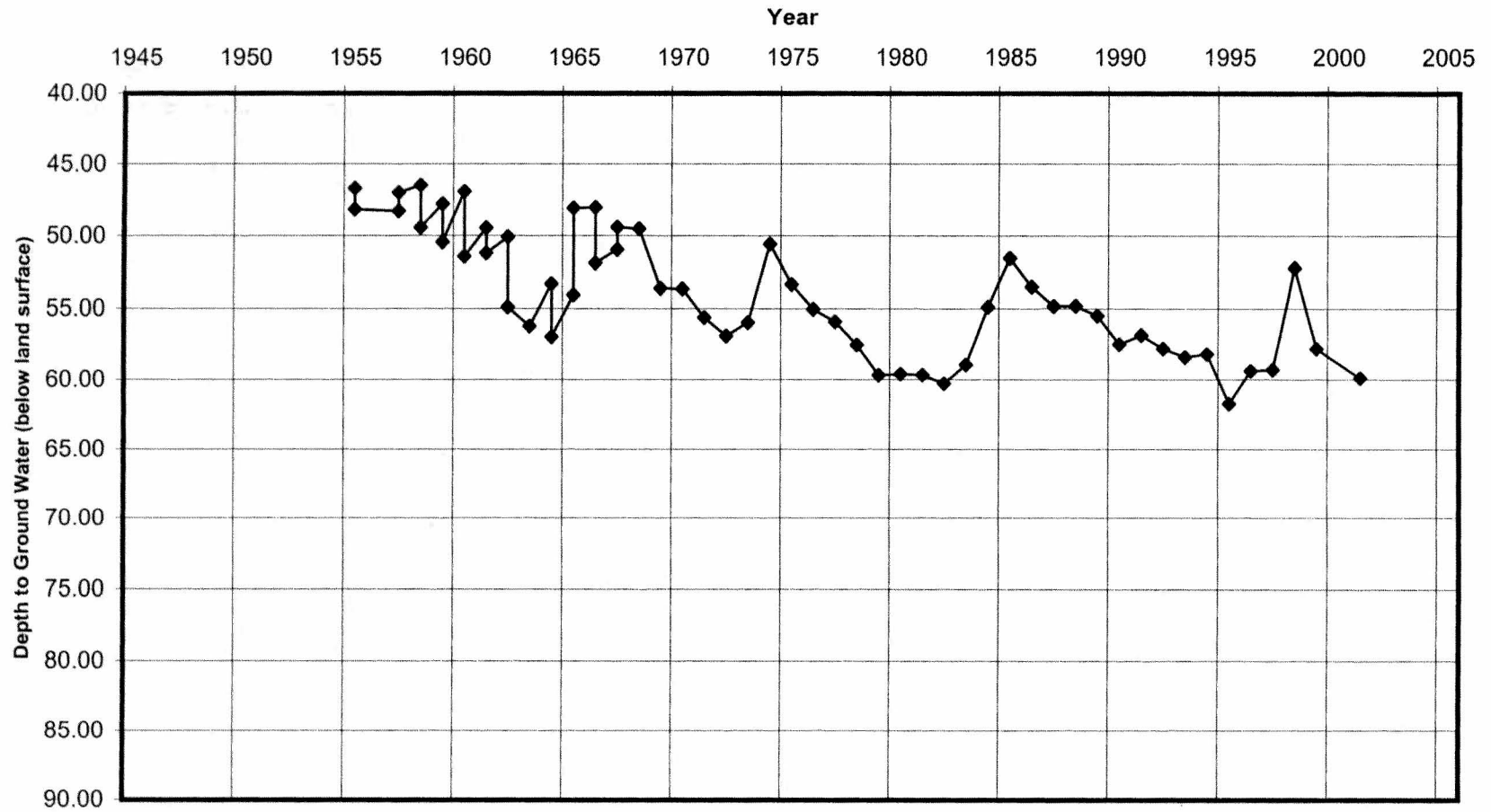


**KB-29**  
**Section 36, T2S, R63W**





**KB-30**  
**Section 2, T3S, R61W**

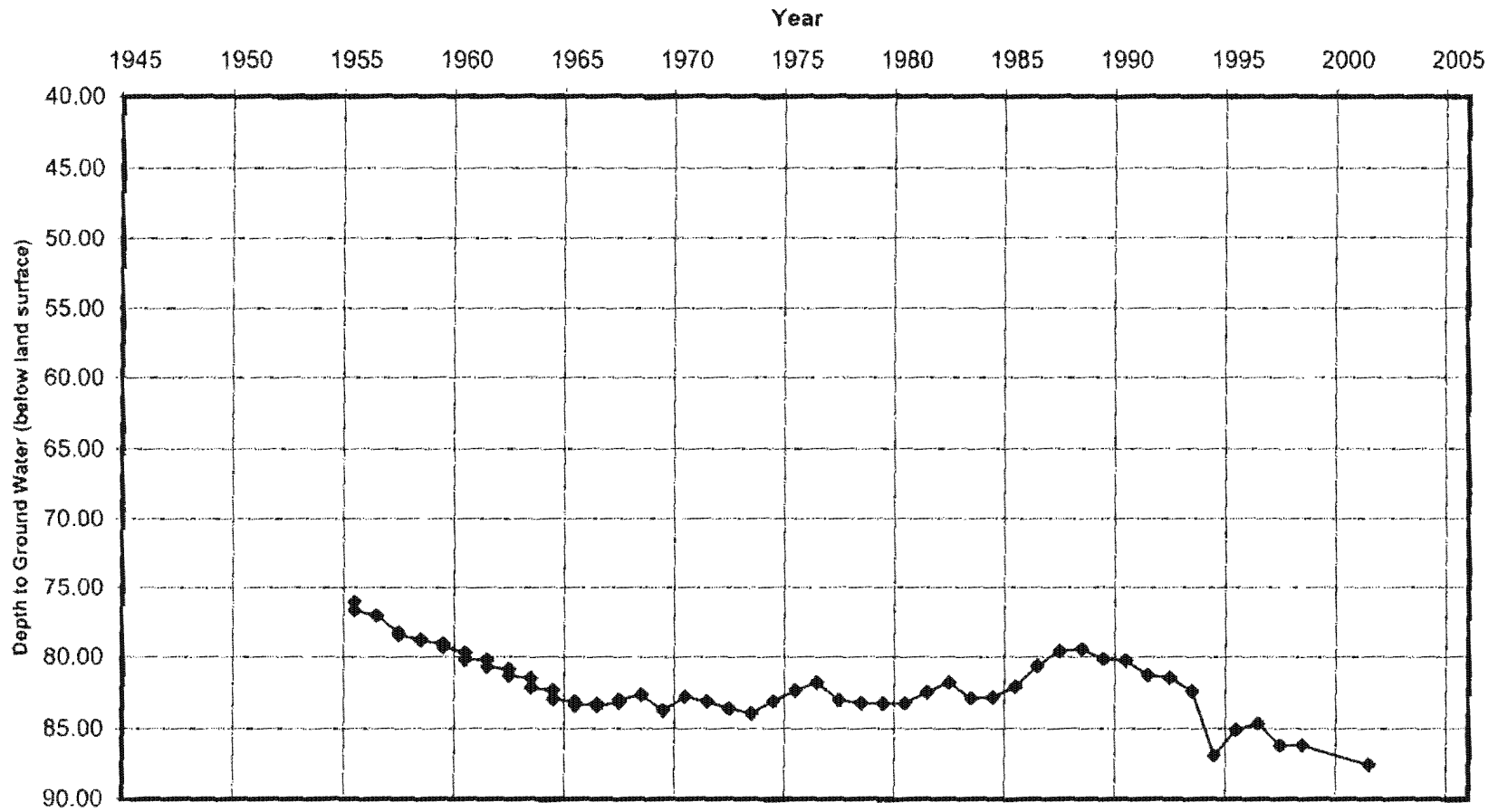


**MONITORING WELL DATA SHEET**

Well I.D.	KB-31	Well Owner	
Permit #		UTM Coordinates, Zone 13	0569402E 4402475N
County	ADAMS		
Location	SC00306122DDA		
Site I.D. (lat/long)	394618/1041123		
Aquifer	ALLUVIUM		
Well Depth (ft)	119		
Surface Elev. (ft)	5.100		

Date	Hold (ft)	Cut (ft)	Depth to Water (ft)	Meas. Pt. Ft. Above Land Surf.	Depth to Water - Ft. Below Land Surf.	Elev. of Water Level (ft)	Change From Previous Level (ft)	Change From 1st Level (ft)	Field Data Rcd By
4/6/55	76.05		76.05		76.05	5024			
11/10/55	76.70		76.70		76.70	5023	-0.65	-0.65	
4/18/56	77.06		77.06		77.06	5023	-0.36	-1.01	
5/8/57	78.31		78.31		78.31	5022	-1.25	-2.26	
11/14/57	78.48		78.48		78.48	5022	-0.17	-2.43	
4/15/58	78.79		78.79		78.79	5021	-0.31	-2.74	
11/14/58	78.86		78.86		78.86	5021	-0.07	-2.81	
4/24/59	79.05		79.05		79.05	5021	-0.19	-3.00	
11/12/59	79.30		79.30		79.30	5021	-0.25	-3.25	
4/15/60	79.70		79.70		79.70	5020	-0.40	-3.65	
11/8/60	80.21		80.21		80.21	5020	-0.51	-4.16	
4/3/61	80.20		80.20		80.20	5020	0.01	-4.15	
11/9/61	80.70		80.70		80.70	5019	-0.50	-4.65	
3/30/62	80.86		80.86		80.86	5019	-0.16	-4.81	
11/7/62	81.32		81.32		81.32	5019	-0.46	-5.27	
4/12/63	81.51		81.51		81.51	5018	-0.19	-5.46	
11/7/63	82.14		82.14		82.14	5018	-0.63	-6.09	
3/24/64	82.32		82.32		82.32	5018	-0.18	-6.27	
12/1/64	82.94		82.94		82.94	5017	-0.62	-6.89	
4/19/65	83.14		83.14		83.14	5017	-0.20	-7.09	
12/20/65	83.38		83.38		83.38	5017	-0.24	-7.33	
3/15/66	83.26		83.26		83.26	5017	0.12	-7.21	
11/7/66	83.42		83.42		83.42	5017	-0.16	-7.37	
3/23/67	83.19		83.19		83.19	5017	0.23	-7.14	
11/9/67	83.00		83.00		83.00	5017	0.19	-6.95	
3/20/68	82.64		82.64		82.64	5017	0.36	-6.59	
3/19/69	83.73		83.73		83.73	5016	-1.09	-7.68	
3/26/70	82.79		82.79		82.79	5017	0.94	-6.74	
3/23/71	83.10		83.10		83.10	5017	-0.31	-7.05	
3/22/72	83.61		83.61		83.61	5016	-0.51	-7.56	
3/12/73	83.92		83.92		83.92	5016	-0.31	-7.87	
3/14/74	83.11		83.11		83.11	5017	0.81	-7.06	
3/20/75	82.36		82.36		82.36	5018	0.75	-6.31	
3/5/76	81.79		81.79		81.79	5018	0.57	-5.74	
2/28/77	83.01		83.01		83.01	5017	-1.22	-6.96	
3/8/78	83.22		83.22		83.22	5017	-0.21	-7.17	
3/9/79	83.26		83.26		83.26	5017	-0.04	-7.21	
3/6/80	83.24		83.24		83.24	5017	0.02	-7.19	
3/3/81	82.46		82.46		82.46	5018	0.78	-6.41	
3/8/82	81.80		81.80		81.80	5018	0.66	-5.75	
3/10/83	82.90		82.90		82.90	5017	-1.10	-6.85	
4/5/84	82.83		82.83		82.83	5017	0.07	-6.78	
4/9/85	82.09		82.09		82.09	5018	0.74	-6.04	
4/21/86	80.65		80.65		80.65	5019	1.44	-4.60	
4/16/87	79.60		79.60		79.60	5020	1.05	-3.55	
4/7/88	79.47		79.47		79.47	5021	0.13	-3.42	
4/3/89	80.18		80.18		80.18	5020	-0.71	-4.13	
3/16/90	80.25		80.25		80.25	5020	-0.07	-4.20	
3/25/91	81.27		81.27		81.27	5019	-1.02	-5.22	
3/23/92	81.45		81.45		81.45	5019	-0.18	-5.40	
3/30/93	82.40		82.40		82.40	5018	-0.95	-6.35	
3/16/94	86.96		86.96		86.96	5013	-4.56	-10.91	
3/20/95	85.08		85.08		85.08	5015	1.88	-9.03	
3/19/96	84.65		84.65		84.65	5015	0.43	-8.60	
4/7/97	86.25		86.25		86.25	5014	-1.60	-10.20	
4/9/98	86.22		86.22		86.22	5014	0.03	-10.17	
2/21/01	87.62		87.62		87.62	5012	-1.40	-11.57	

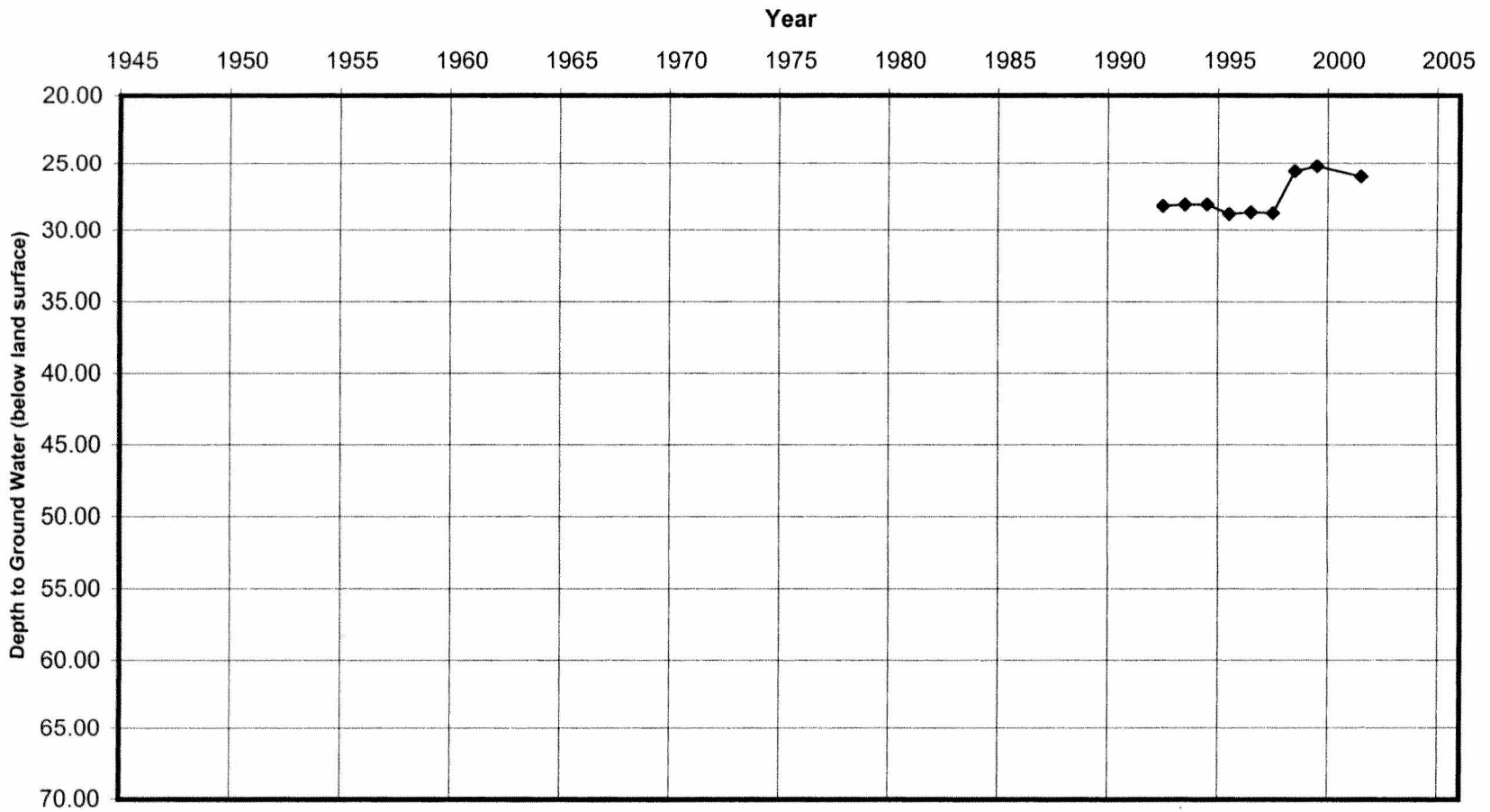
KB-31  
Section 22, T3S, R61W





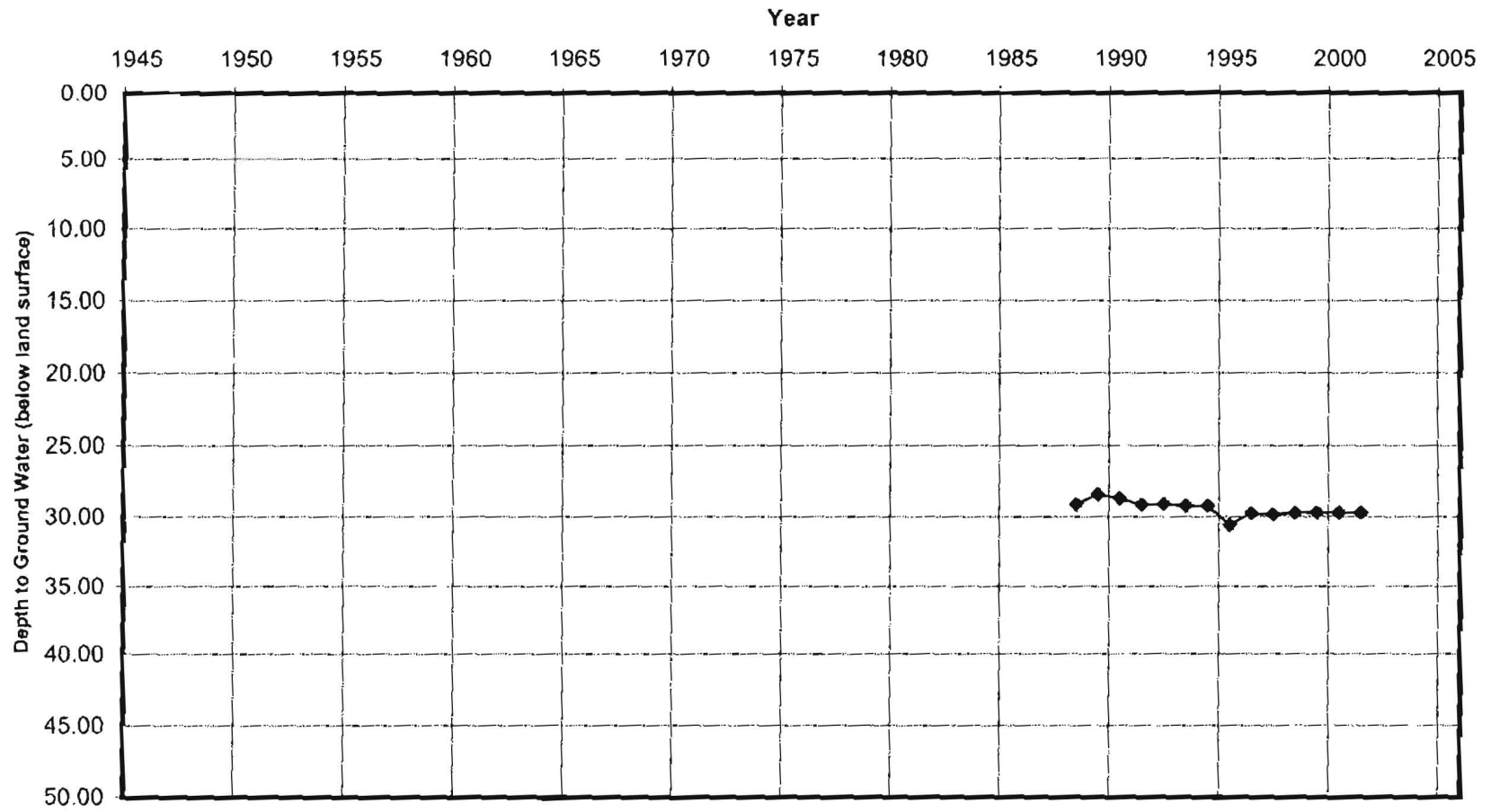


**KB-32B**  
**Section 28, T3S, R61W**



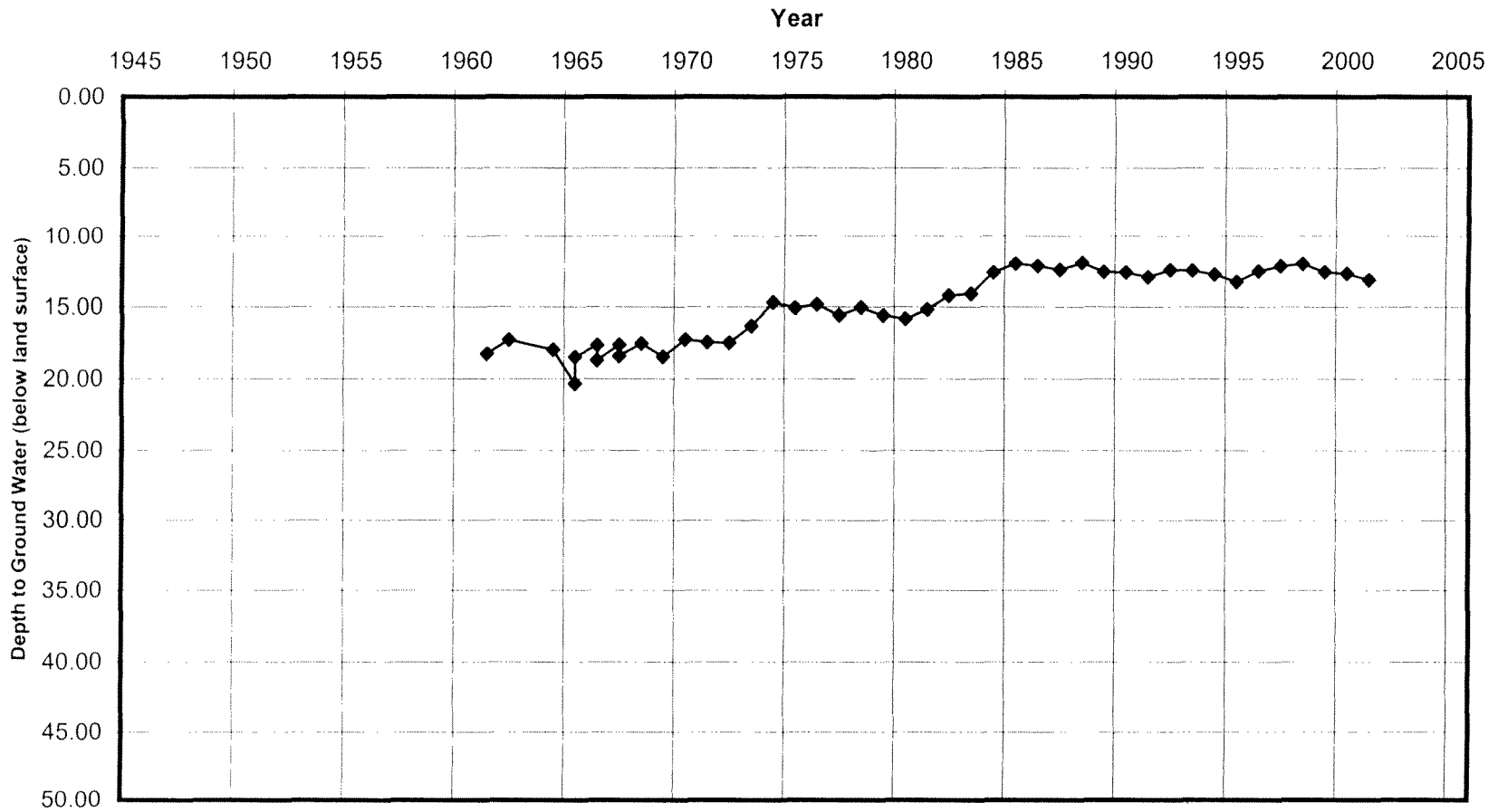


**KB-33**  
**Section 8, T3S, R62W**



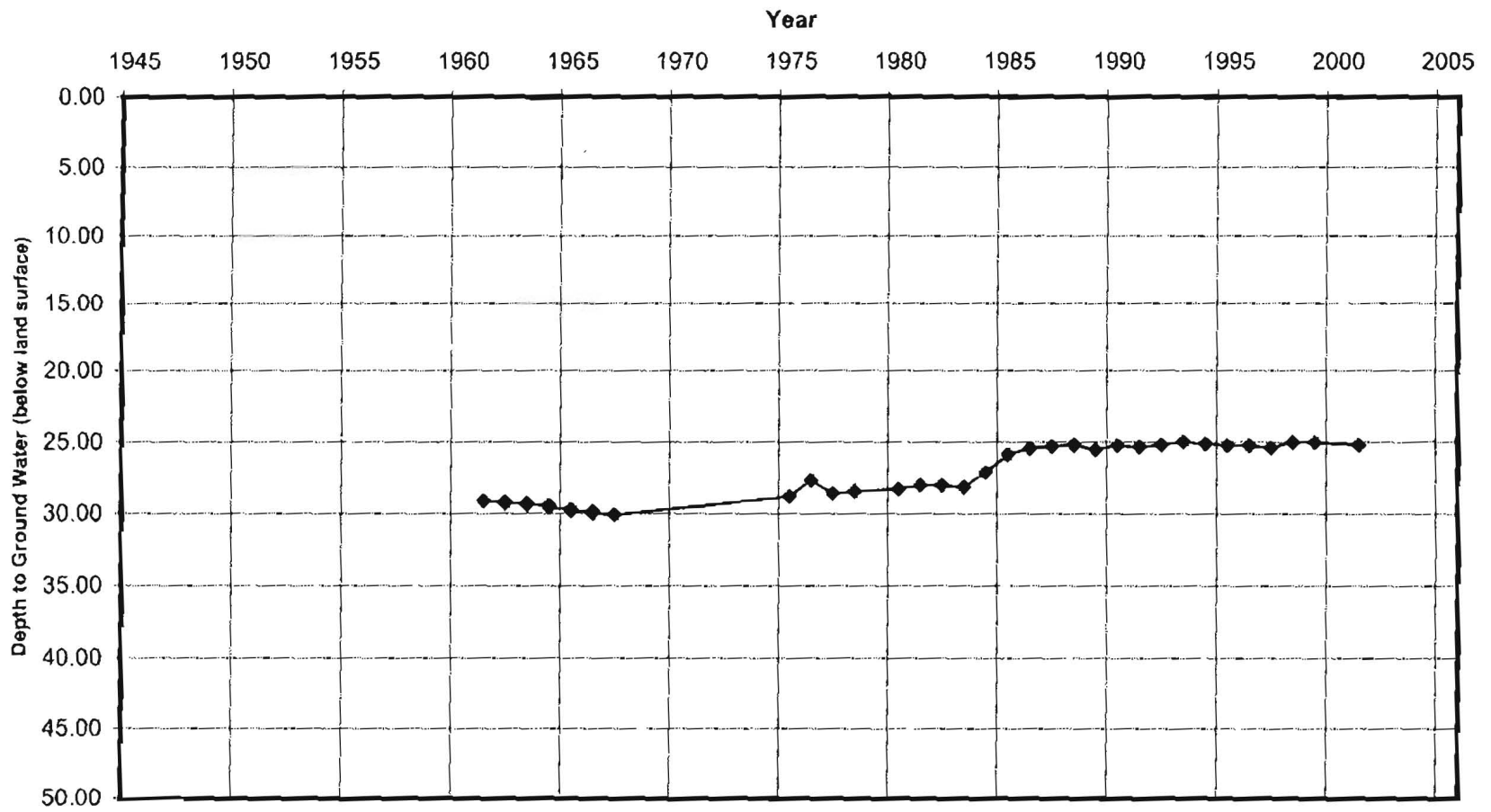


**KB-34**  
**Section 10, T3S, R62W**





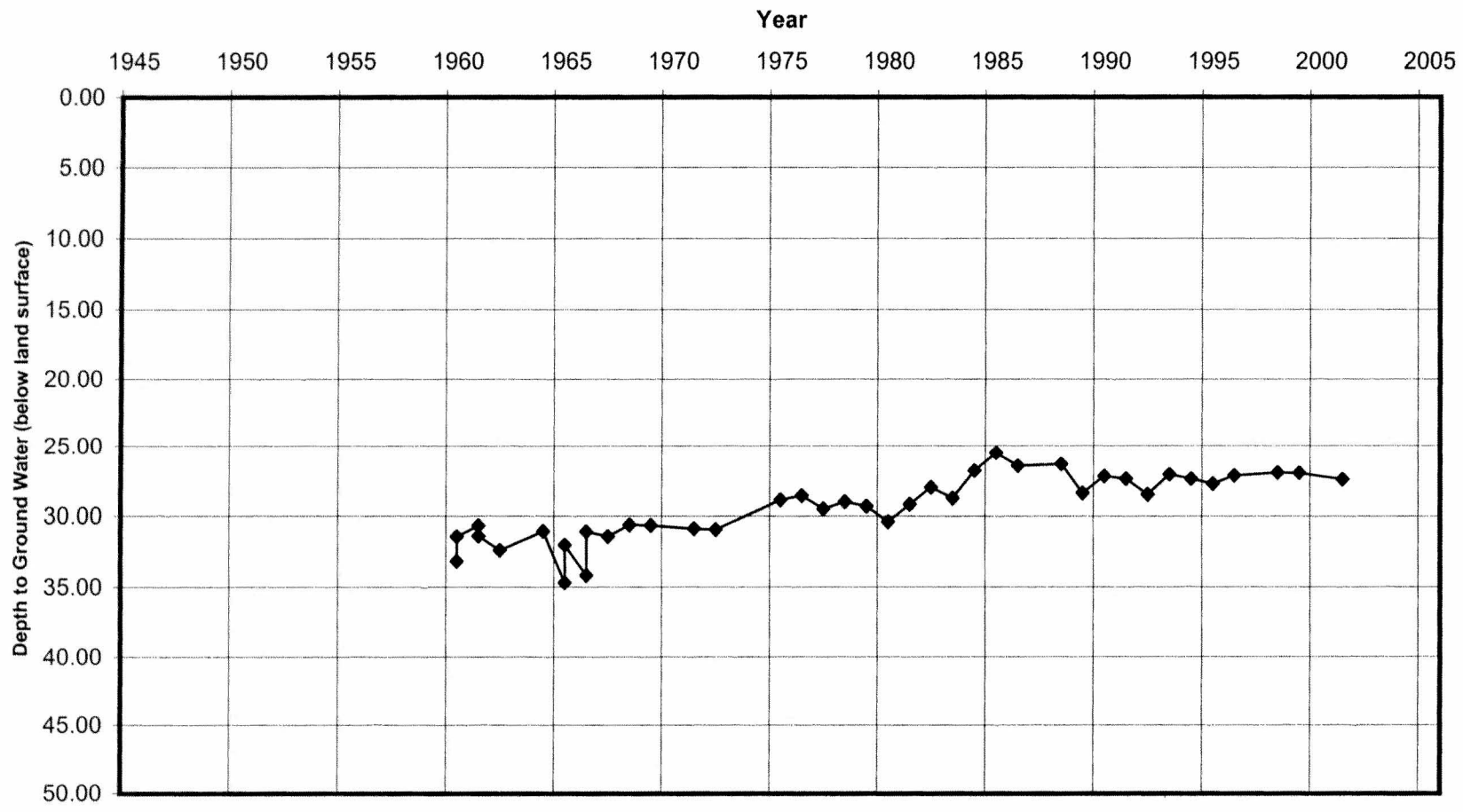
**KB-35**  
**Section 20, T3S, R62W**





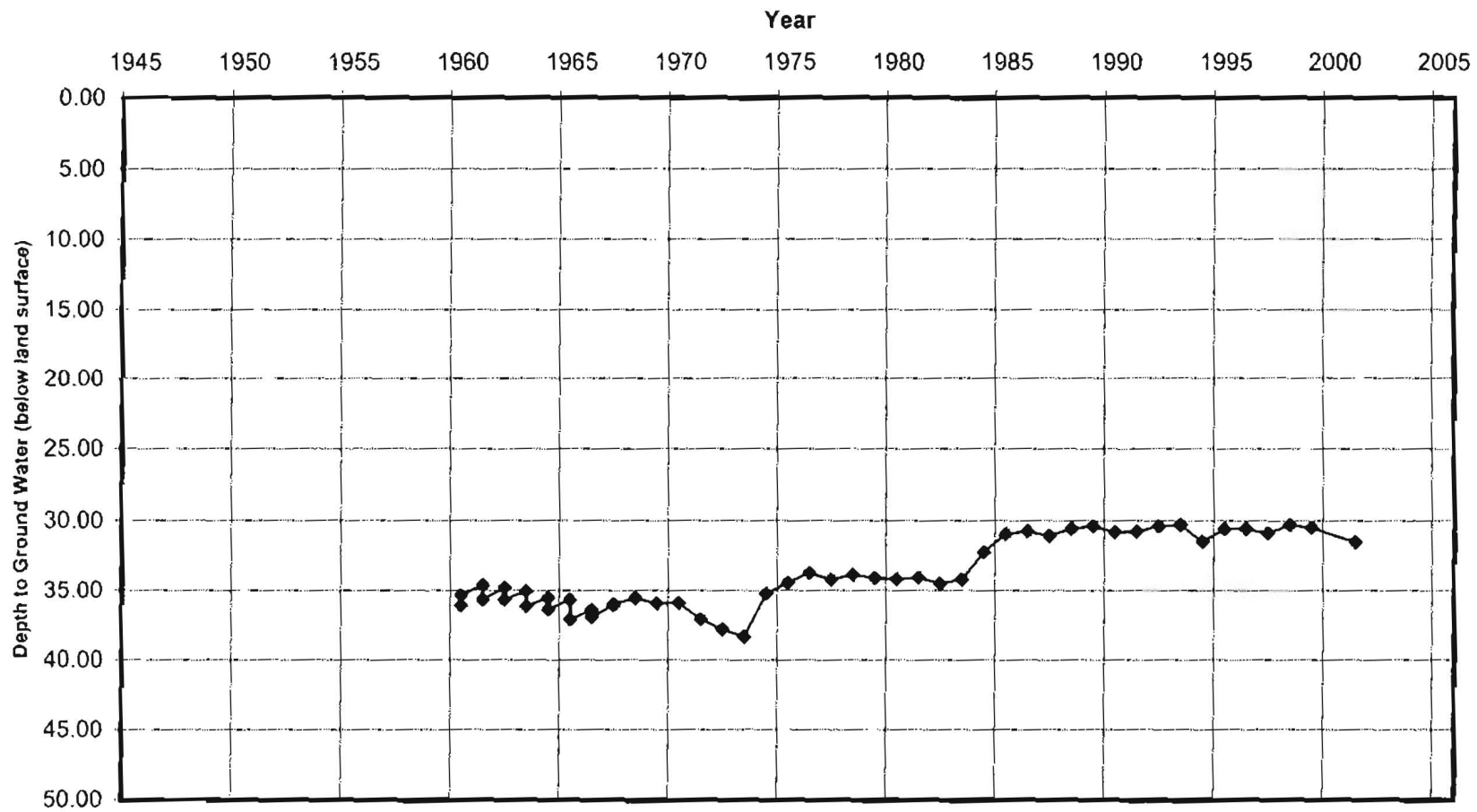


**KB-36**  
**Section 27, T3S, R62W**



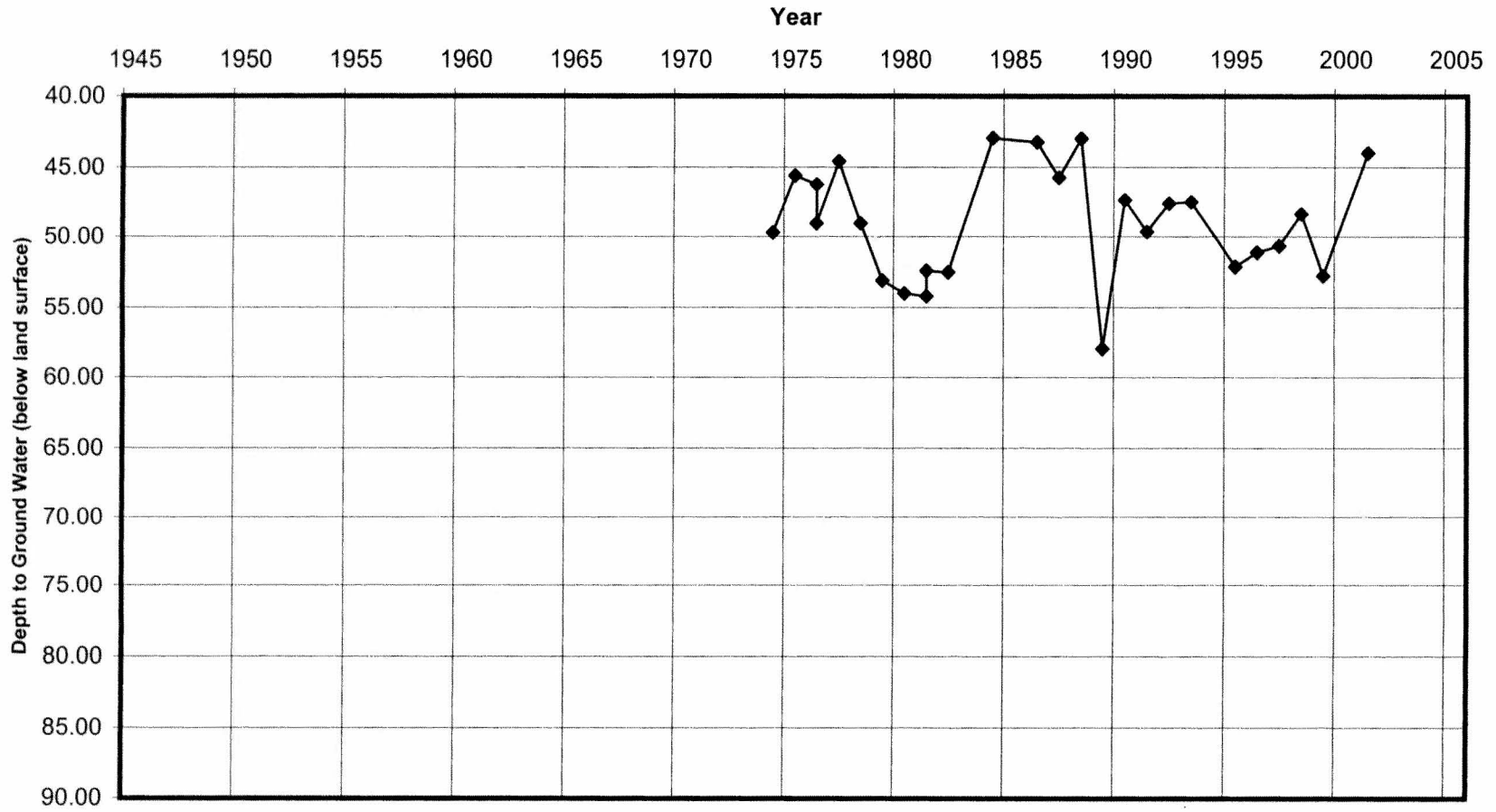


KB-37  
Section 32, T3S, R62W



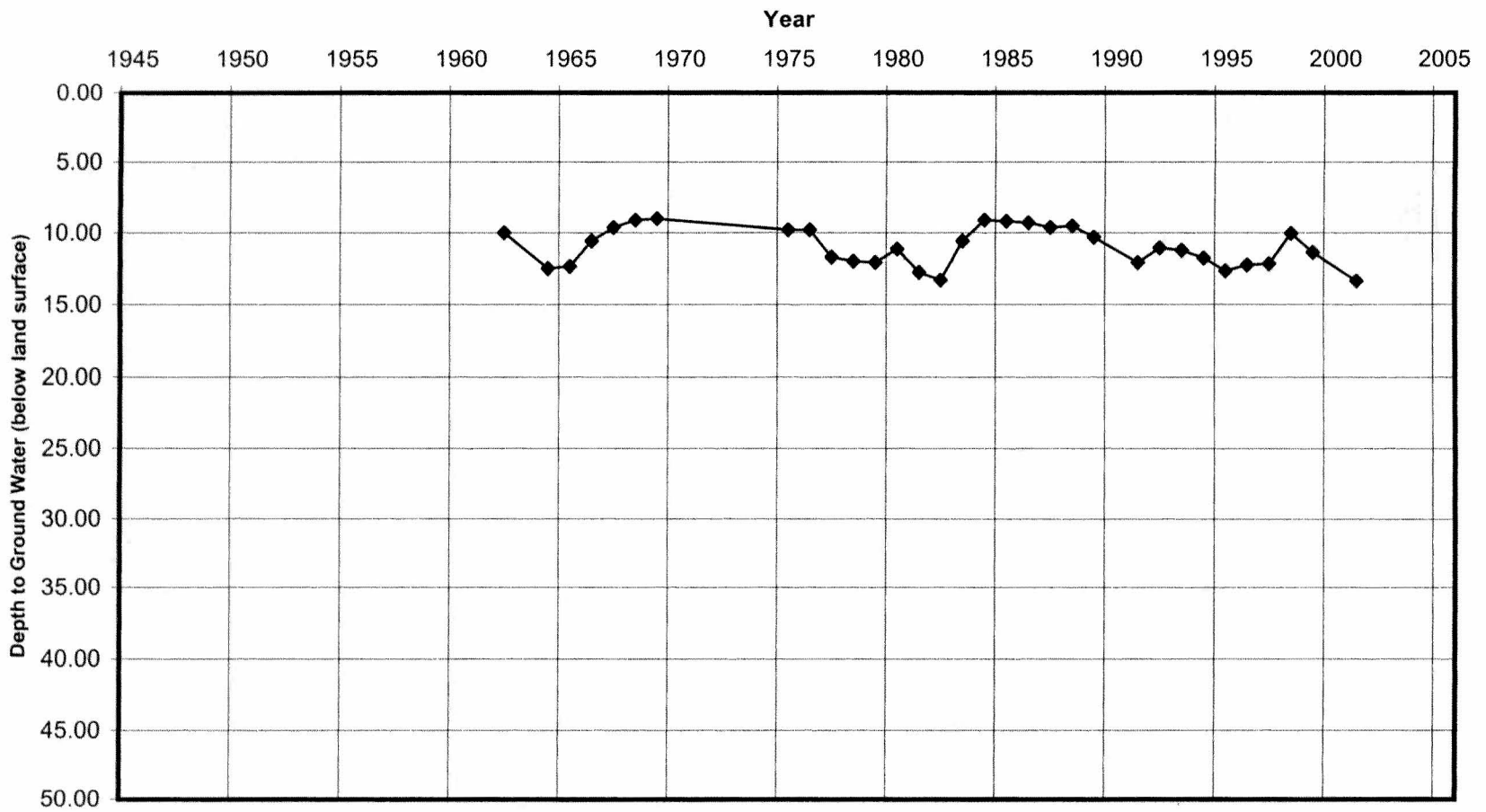


**KB-38**  
**Section 13, T3S, R63W**





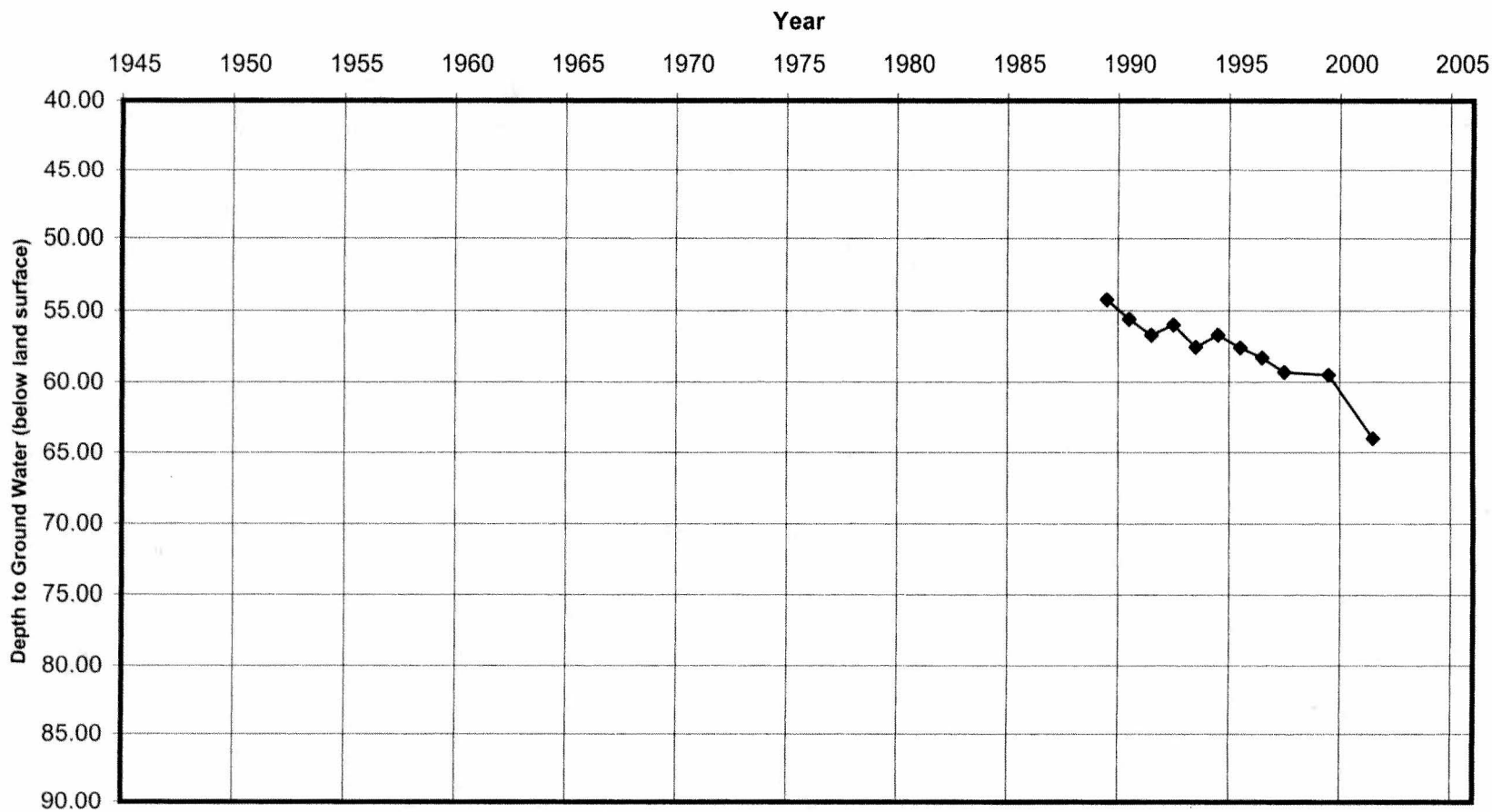
**KB-39**  
**Section 26, T3S, R63W**

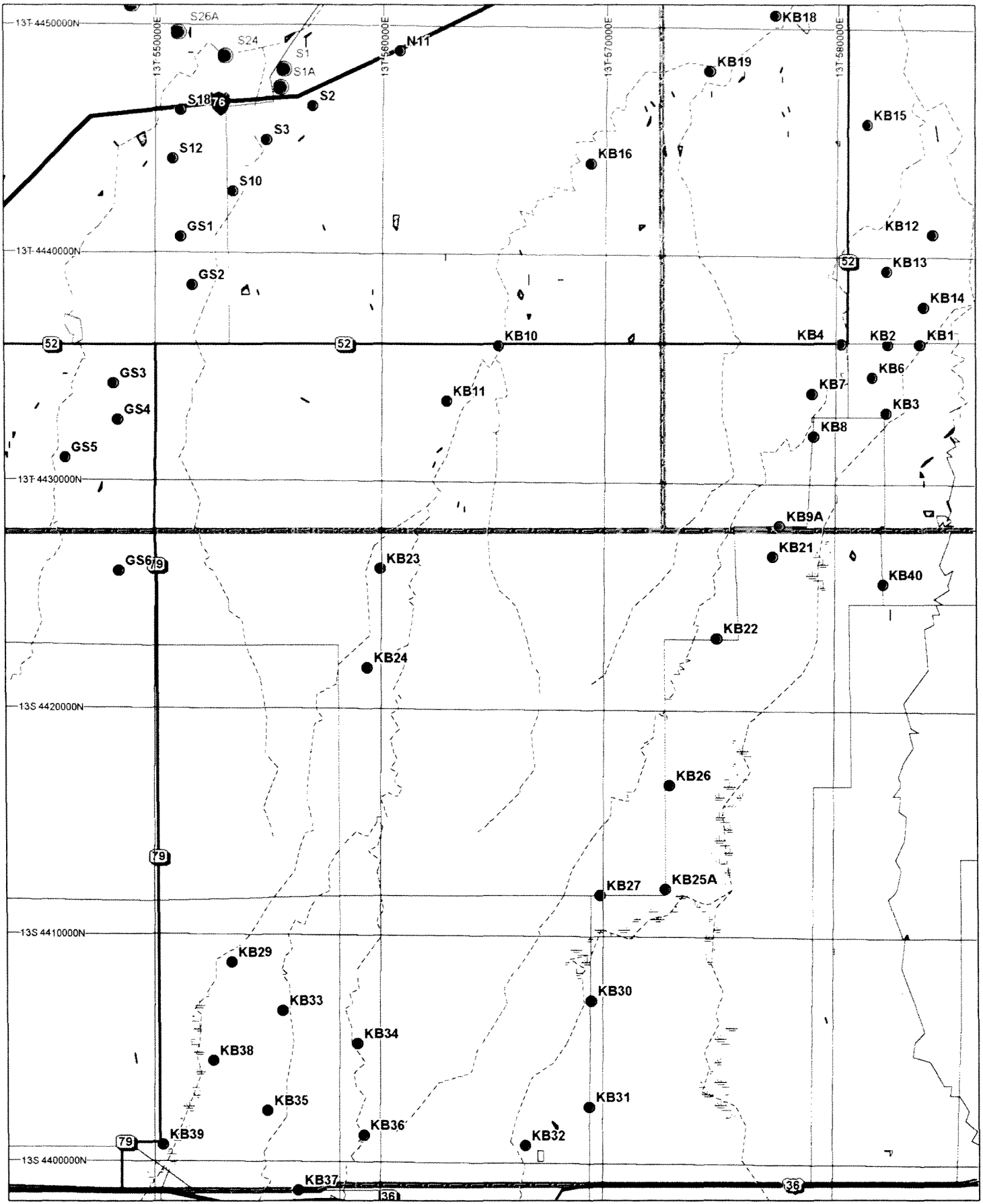






**KB-40**  
**Section 7, T1S, R59W**





Copyright 2000 DeLorme, TopoTools. Scale: 1 : 225,000 Zoom Level: 9-7 Datum: NAD27

