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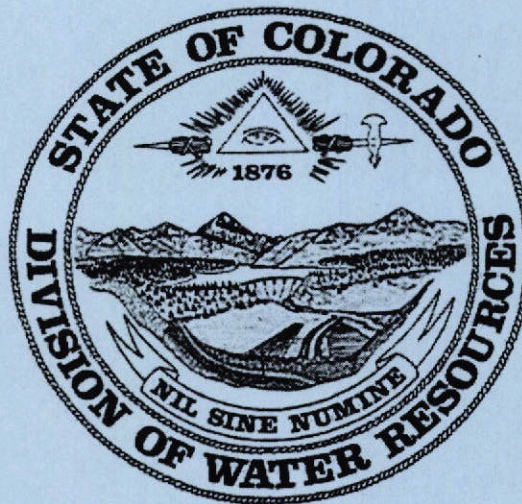
GROUND WATER LEVELS

in the

LOST CREEK

DESIGNATED BASIN

APRIL 2000



**STATE OF COLORADO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RESOURCES**

Bill Owens, Governor

Greg Walcher, Director

Hal D. Simpson
State Engineer

George D. VanSlyke
Project Manager

**LOST CREEK DESIGNATED
GROUND WATER BASIN**

April 2000

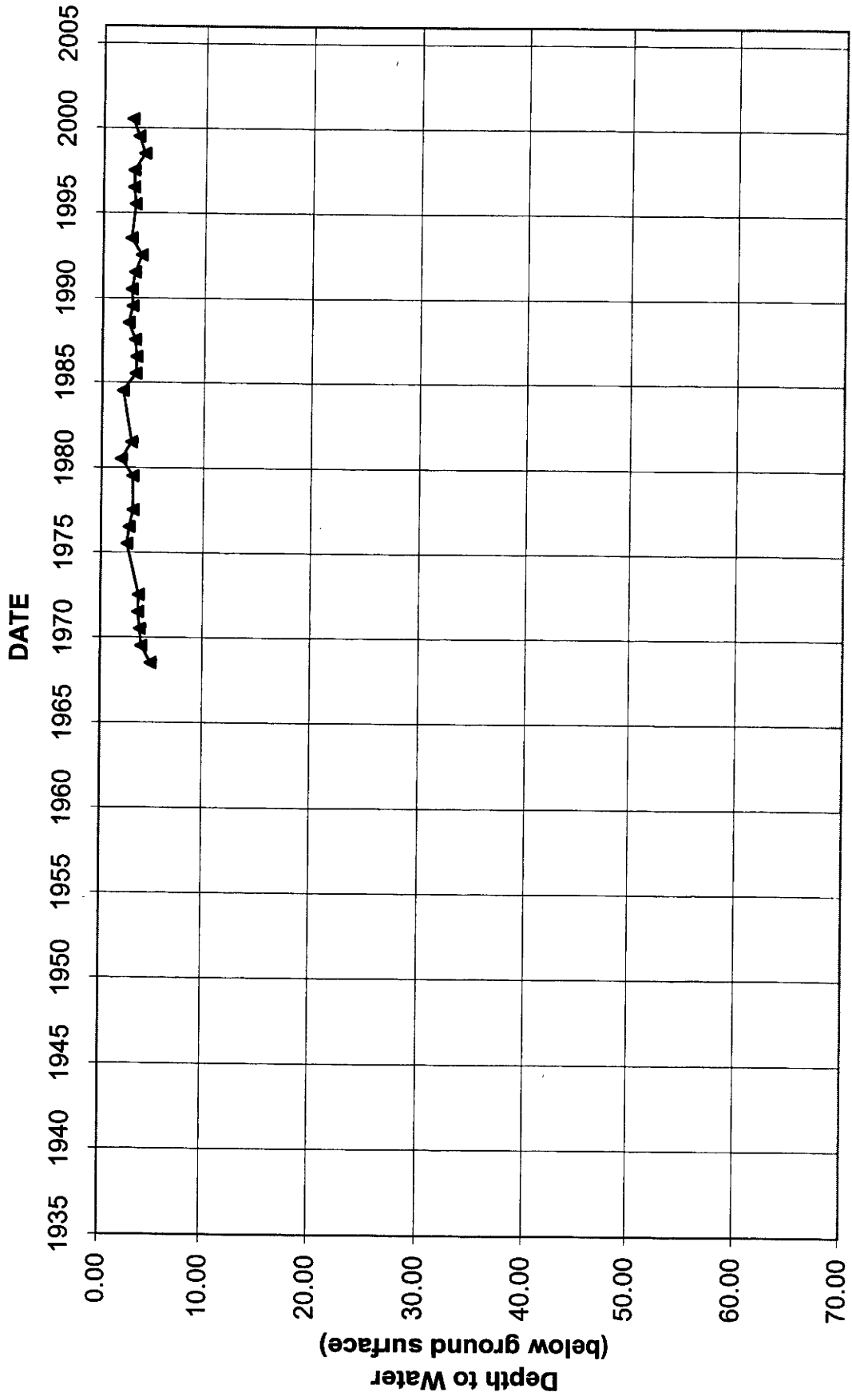
This report represents the results of water level measurements of wells in the Lost Creek Designated Basin made during the month of March 2000. This project was done in cooperation with the Lost Creek Ground Water Management District and local well owners. Funding for this project was supplied in part from well permit fees collected and managed by the Office of the State Engineer as a result of the passage of Senate Bill 200 during the 1987 legislative session.

Seventeen of the 21 monitoring wells in the basin were measured. Of these, fifteen showed water levels rises, one showed no changes and one showed a decline of 0.45 feet. The average of the fifteen rises was 1.48 feet. The average of all wells was a rise of 1.28 feet. Last year the basin average was a decline of 0.9 feet. Overall the water level trend for the basin has been an increase since the mid 1970's. In one instance, water is presently at the ground surface. In several areas, ground water is within three feet of the surface.

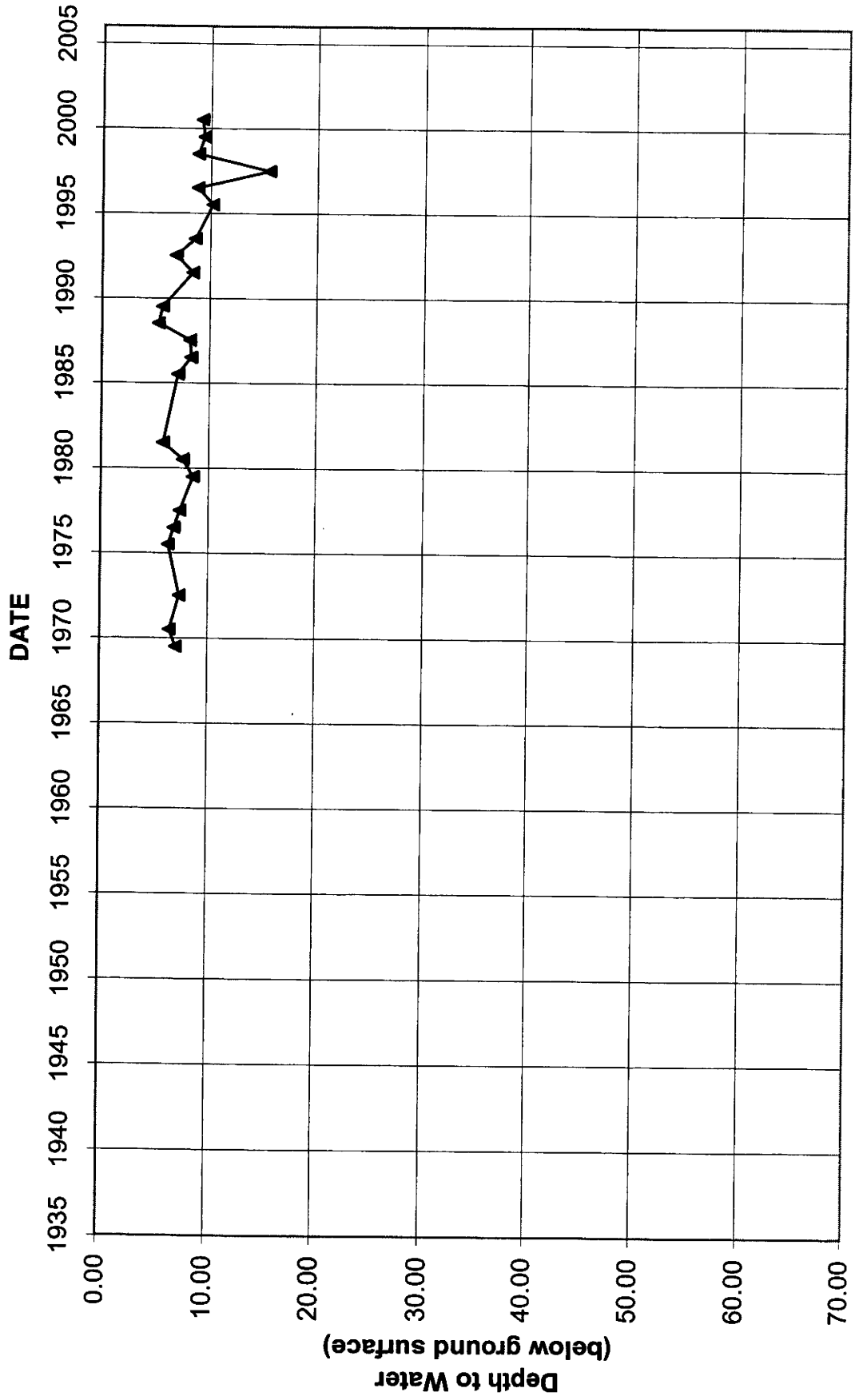
Tabular and graphical data are presented for each well for the entire period of record. At least one of the wells dates back to the 1930's.

Copies of this report are being made available to well owners for their assistance in this project. Additional reports are available from the Office of the State Engineer, 1313 Sherman Street, Room 818, Denver, Colorado 80203.

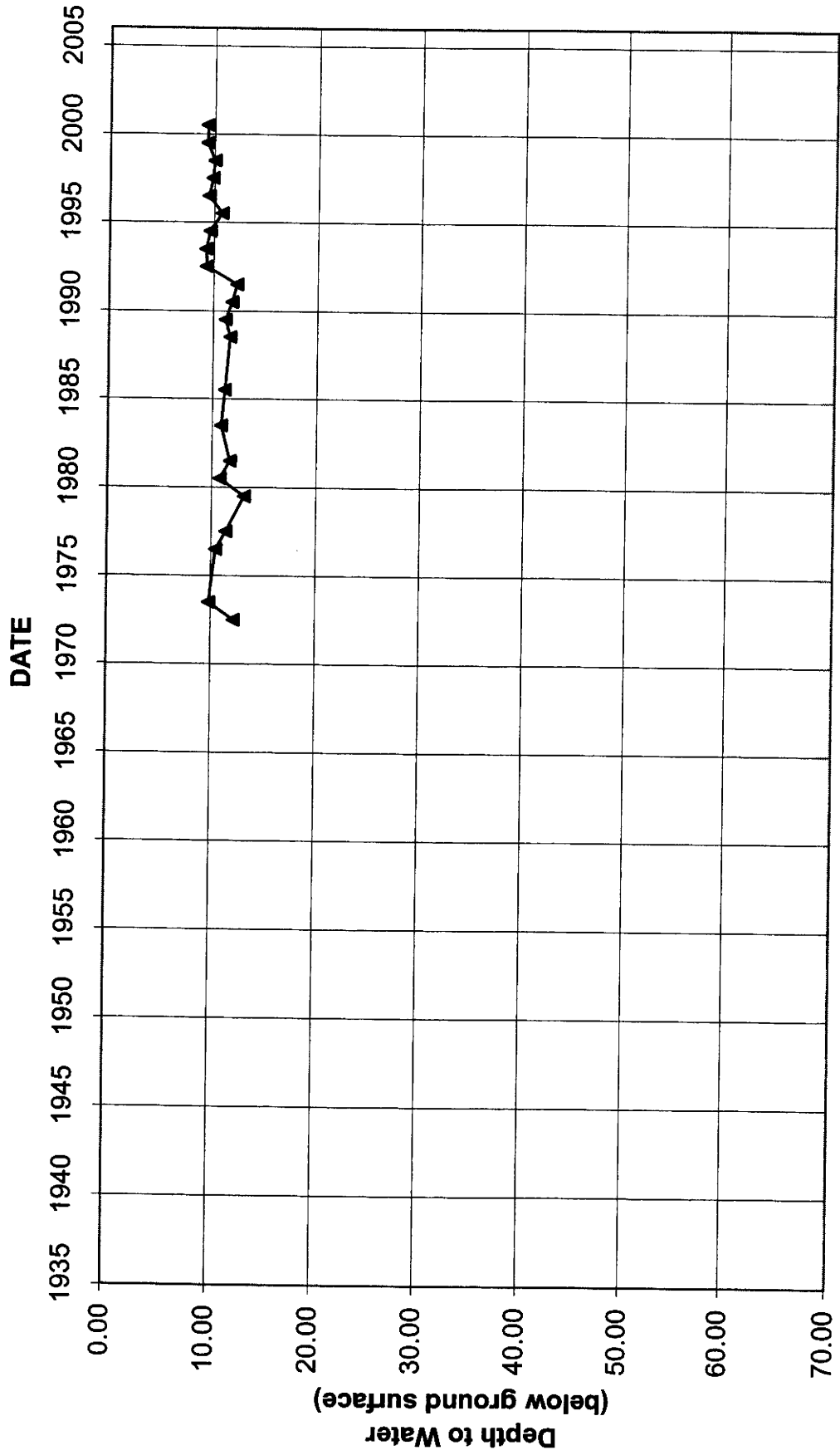
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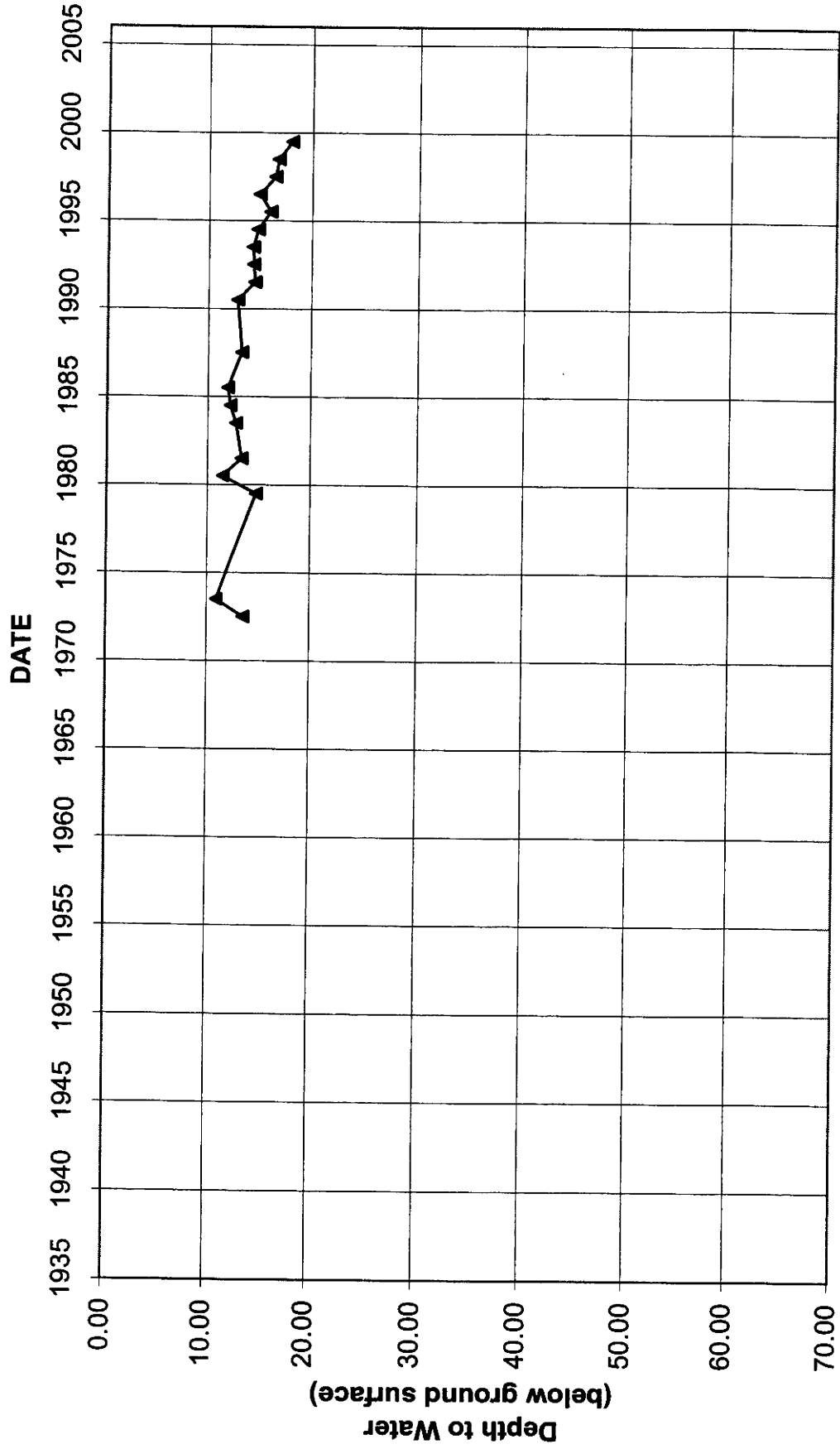
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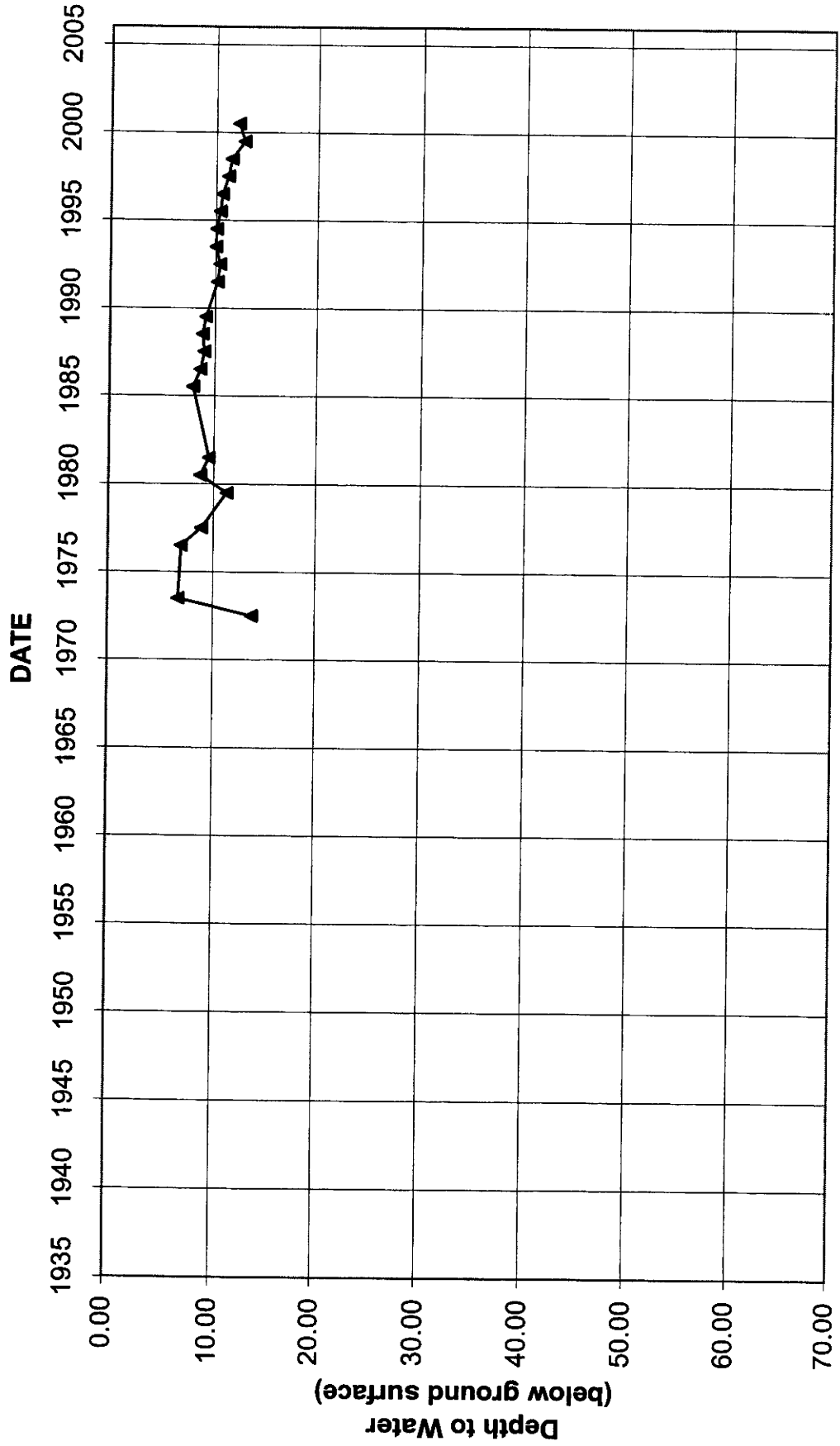
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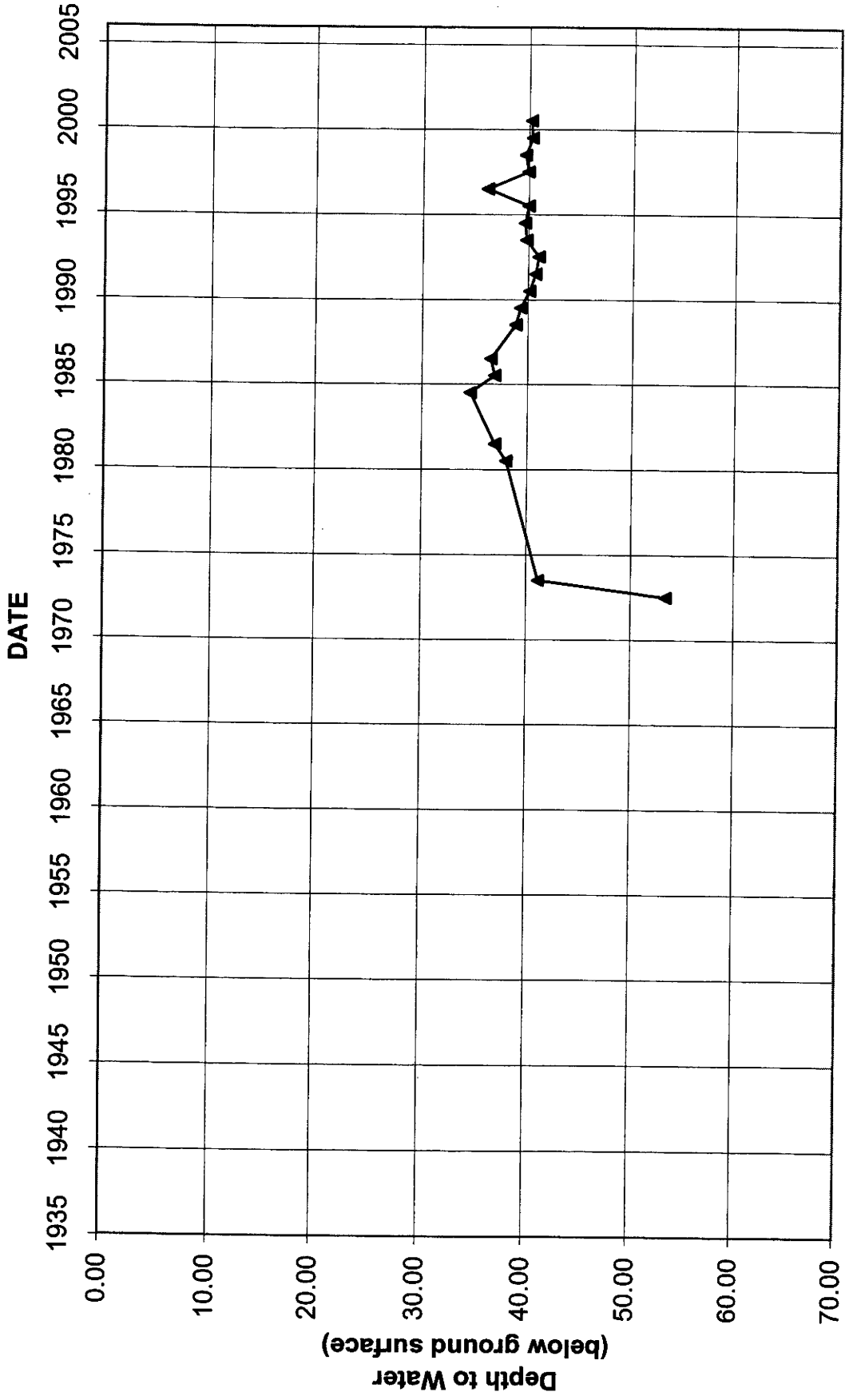
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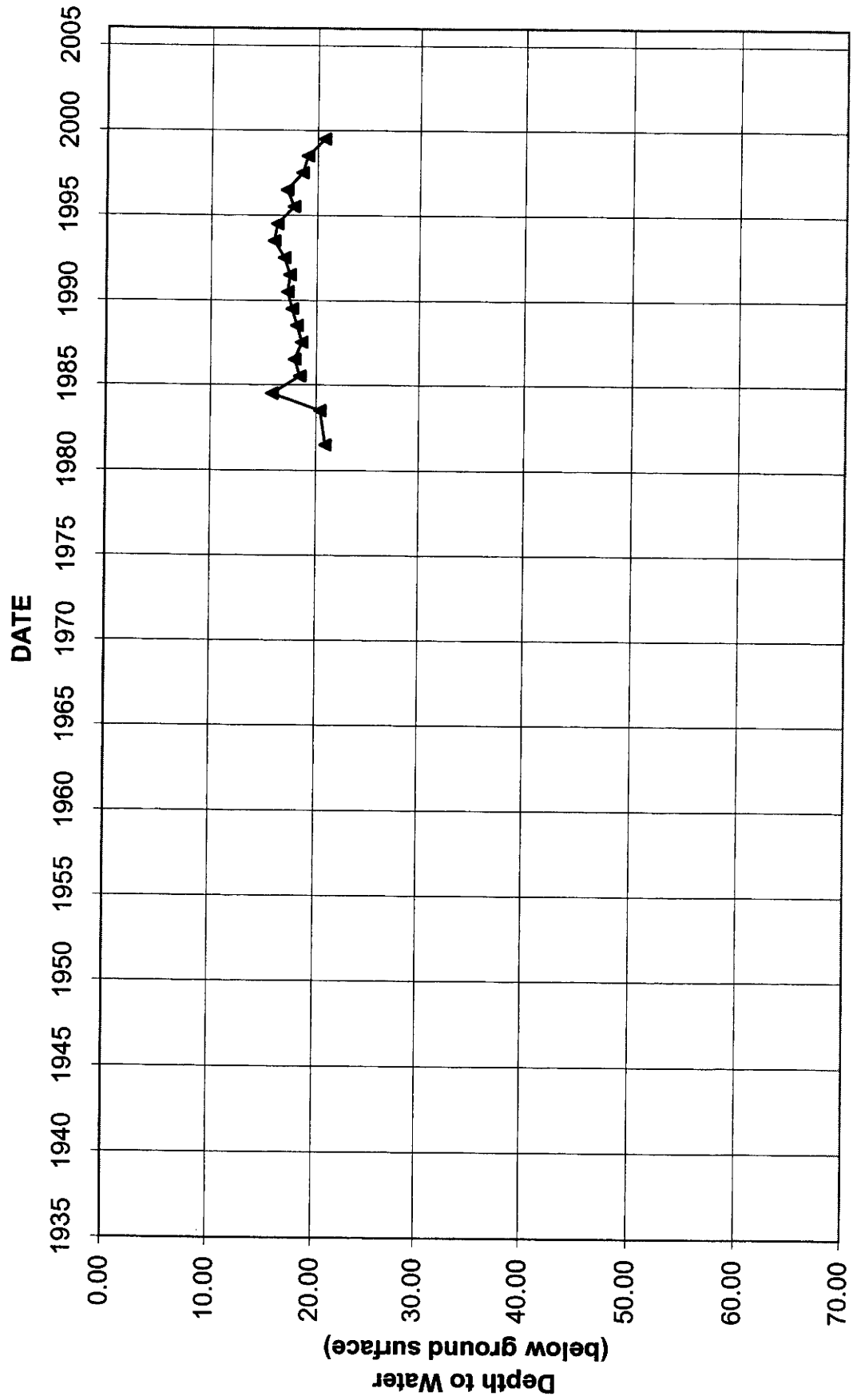
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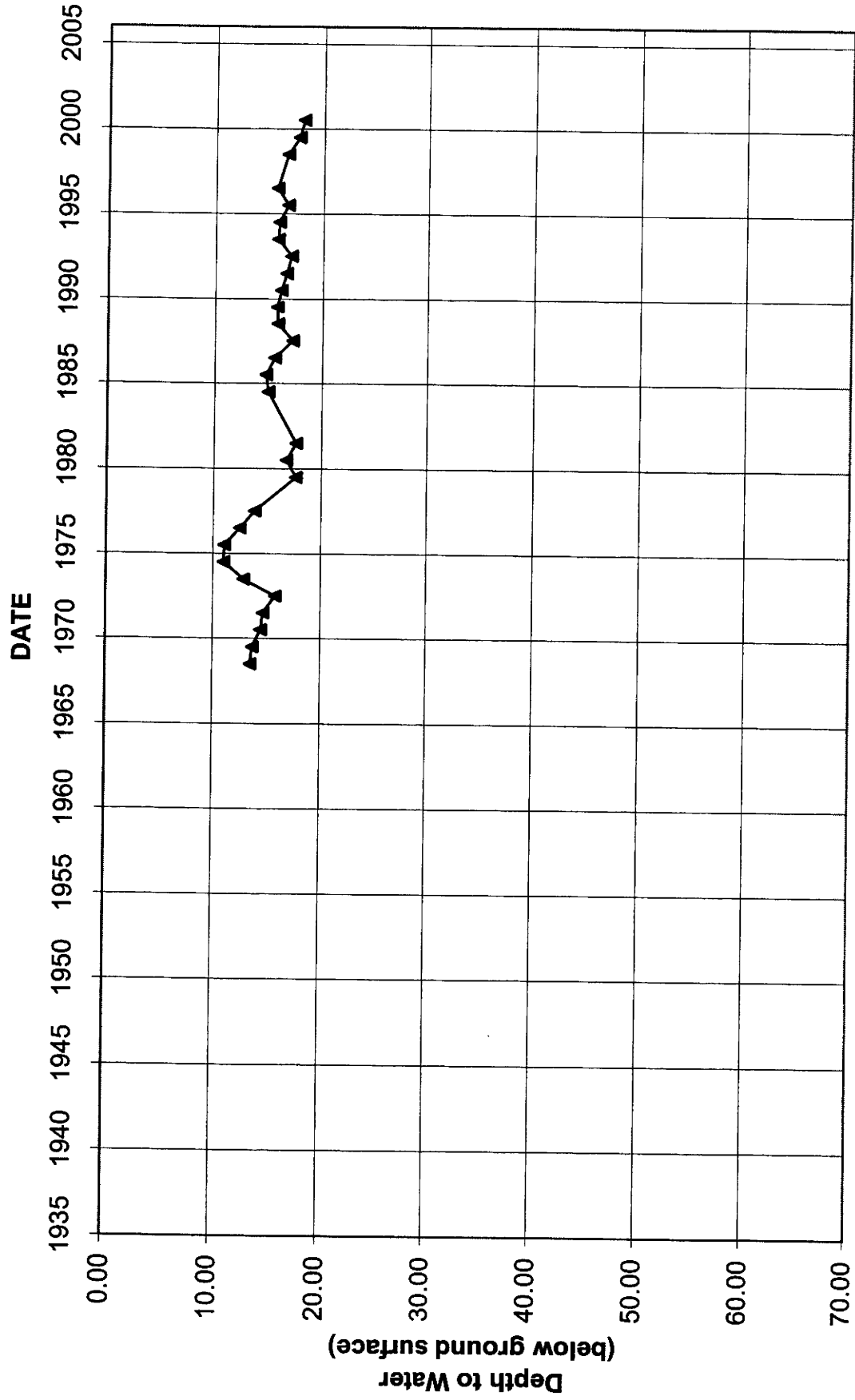
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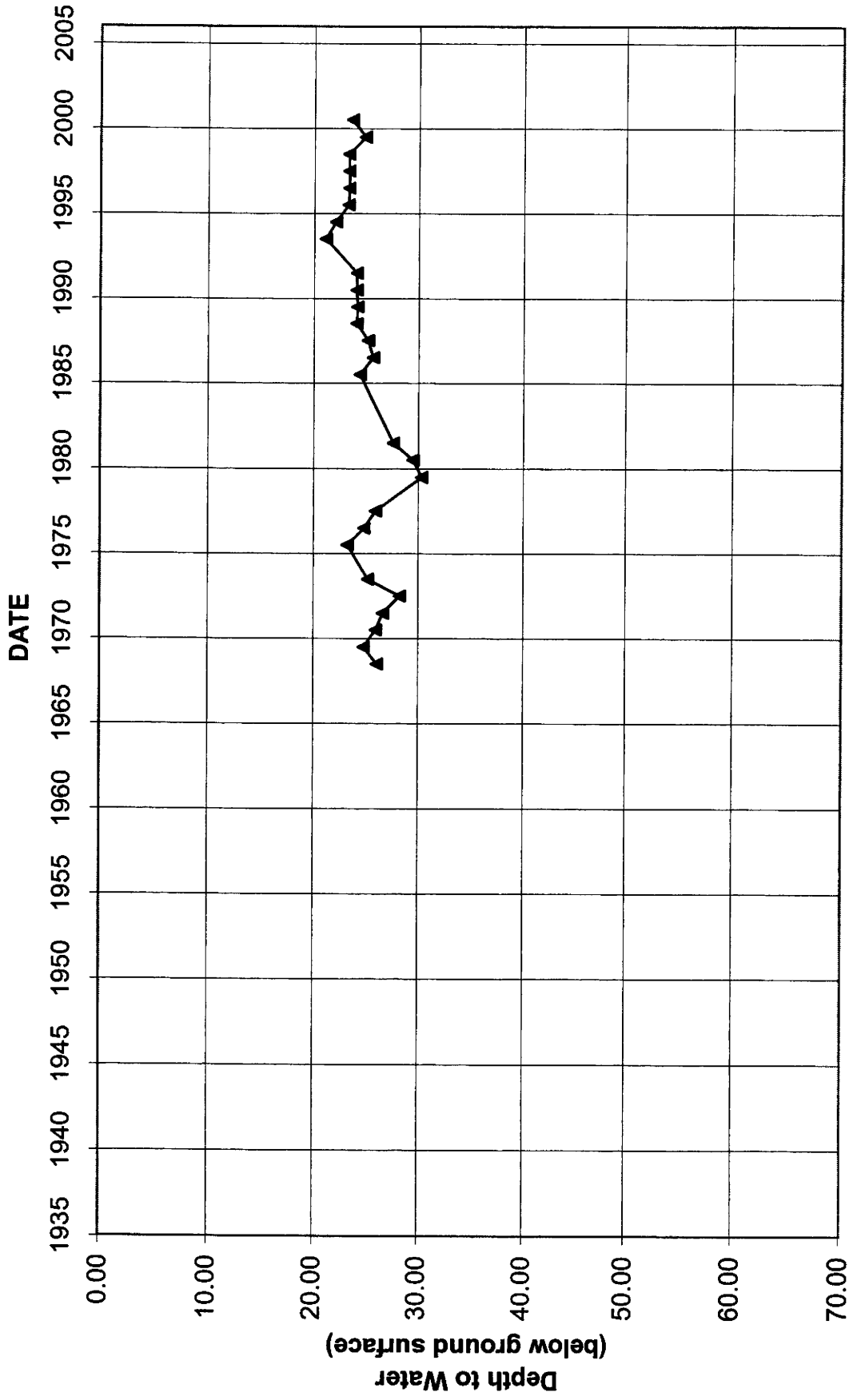
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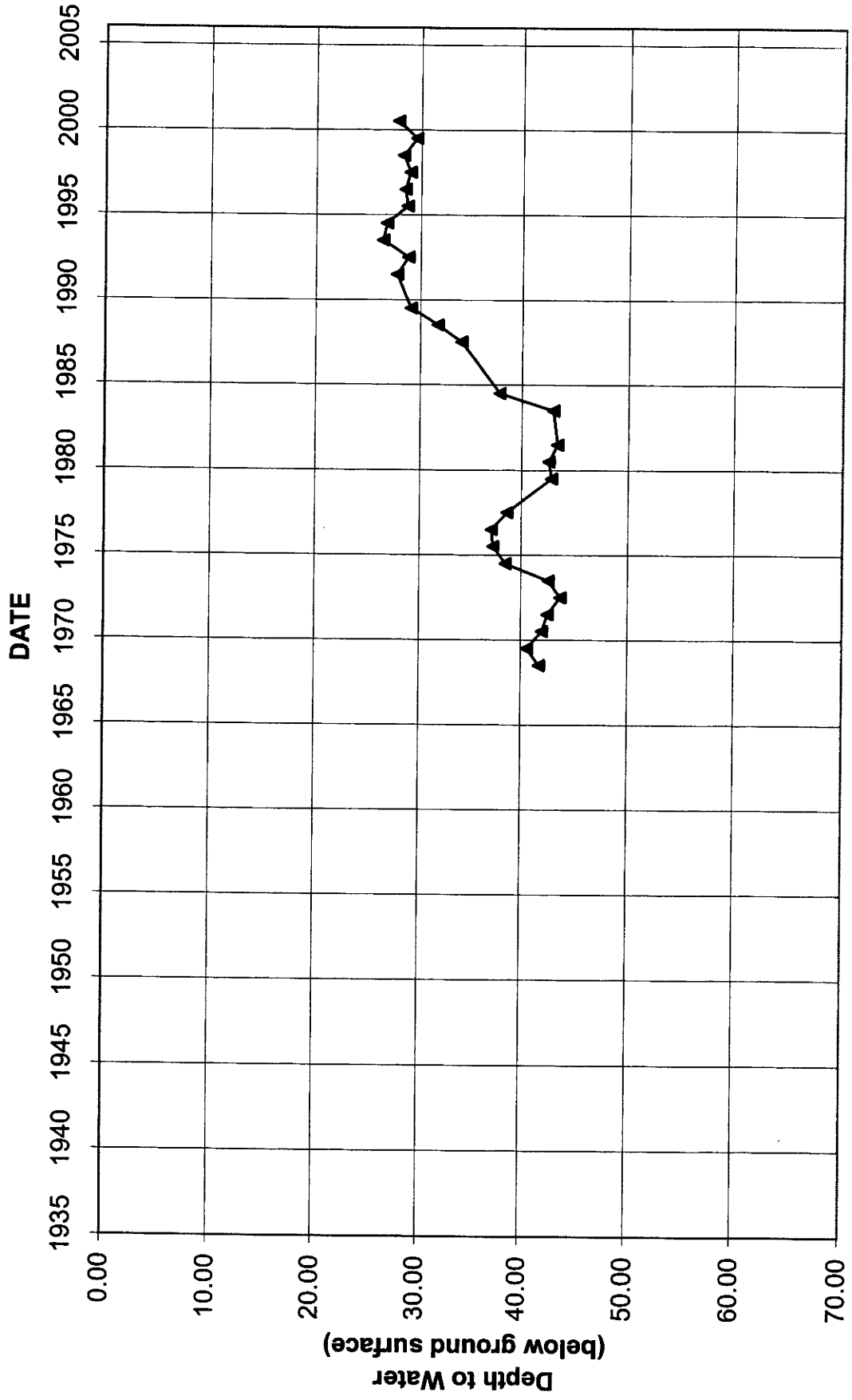
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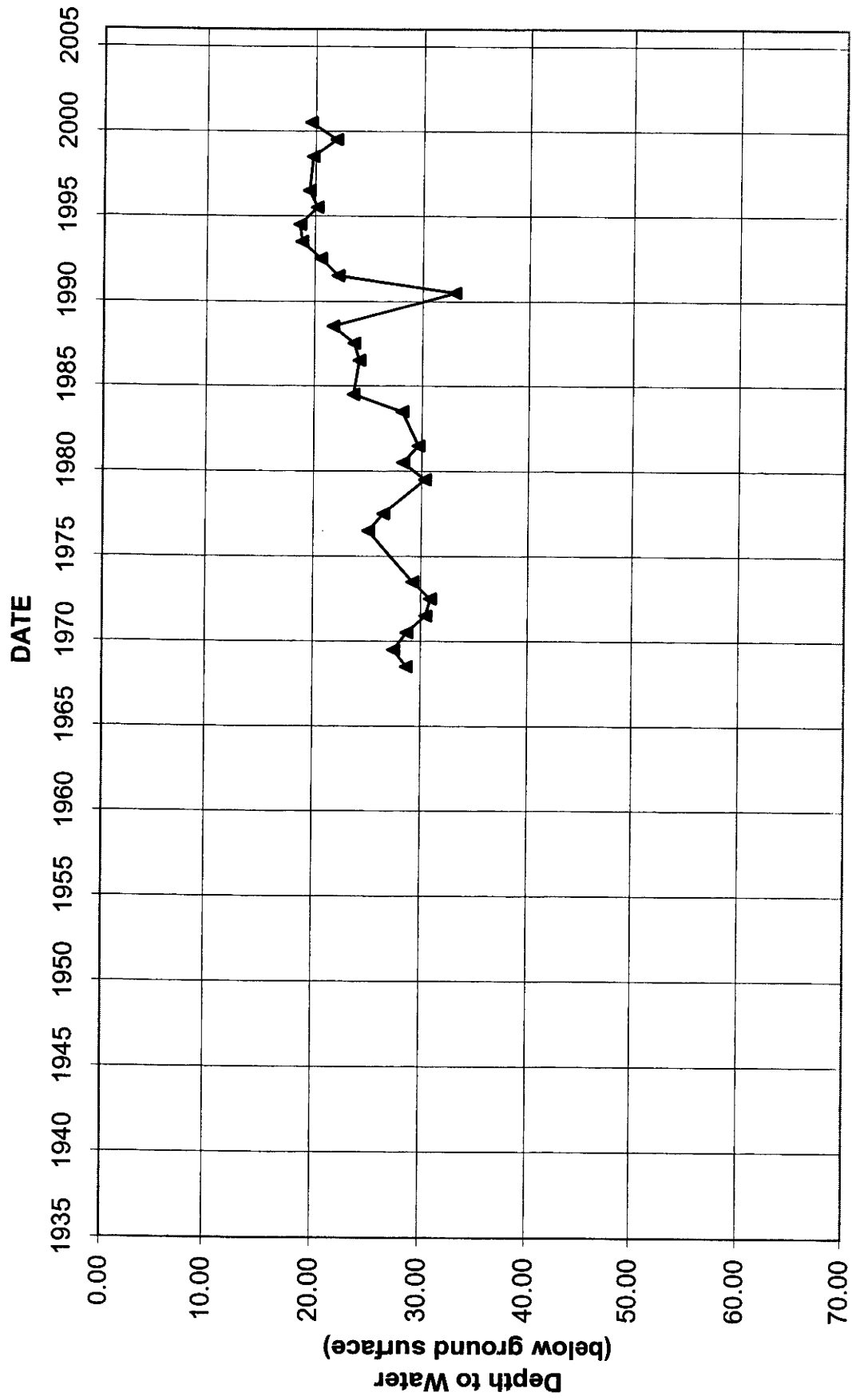
S-3



S-10



S-12



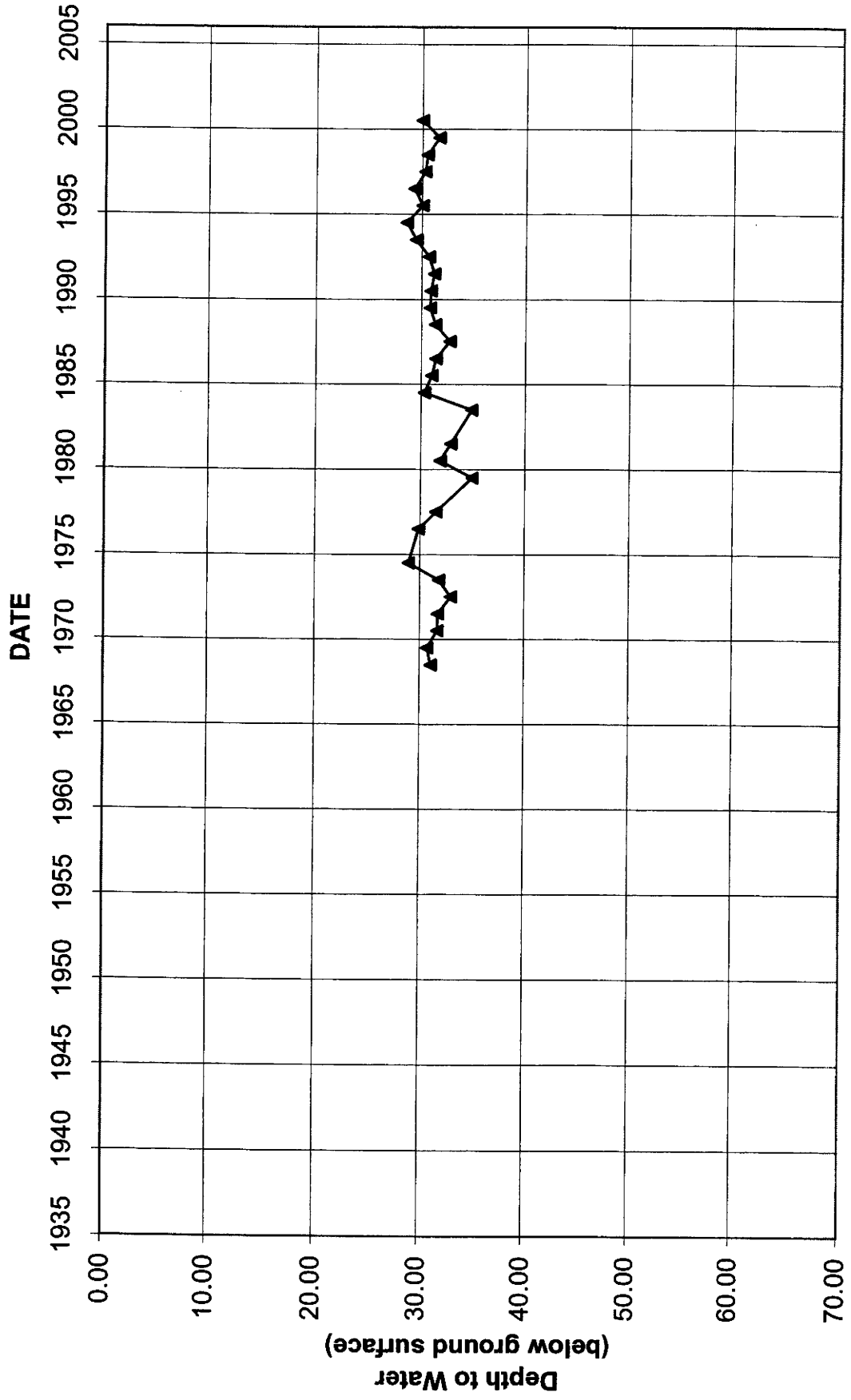
MONITORING WELL DATA SHEET

Well I.D.: S-18
 Permit #:
 County:
 Location: SB00206302DBA
 Site I.D.(lat/long)
 Aquifer: Alluvium
 Well Depth (ft):
 Surface Elev. (ft): 4,725

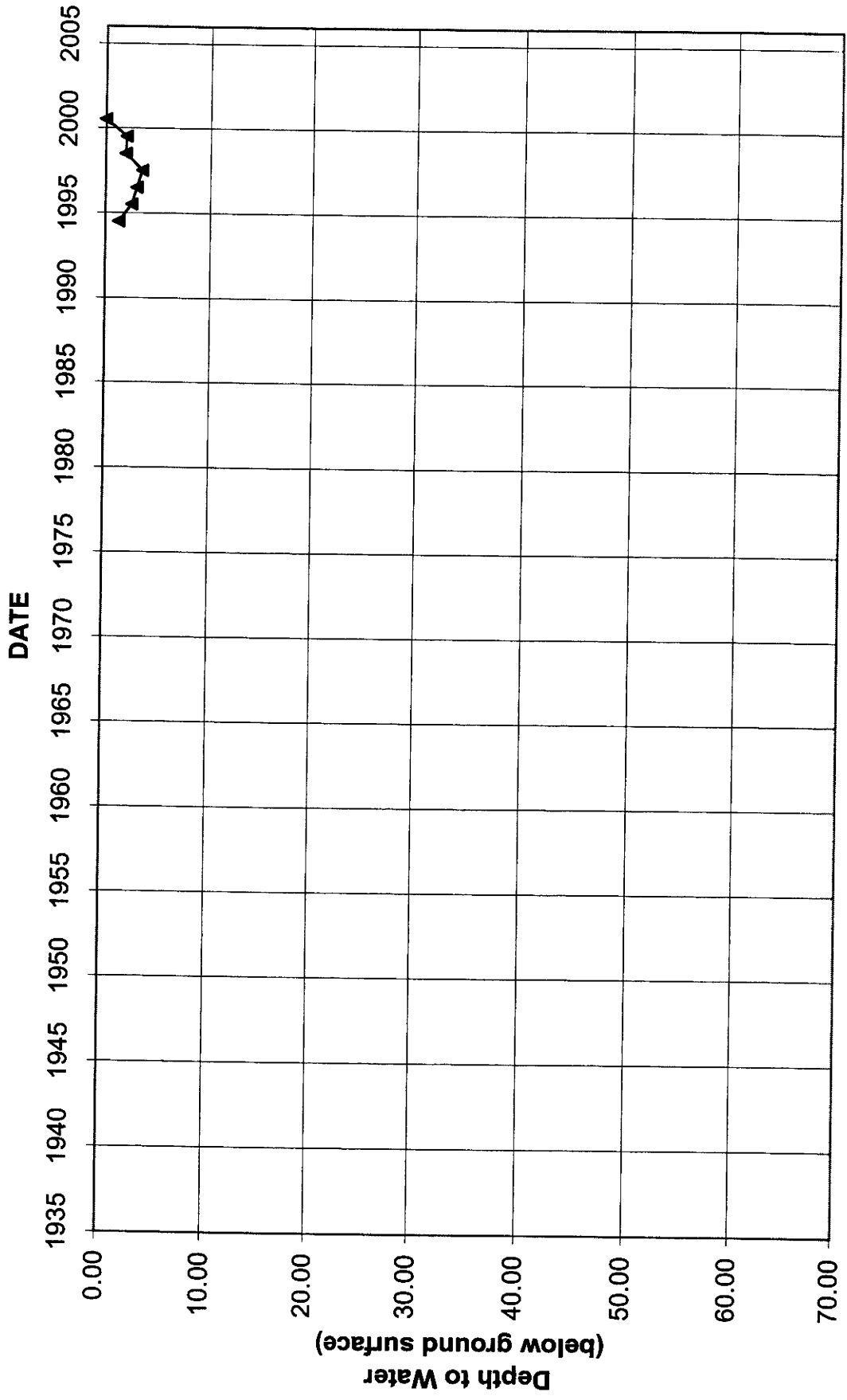
Well Owner: Colorado Department of Transportation
 Local Well Number:

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
10/24/68			31.06		31.06	4694			
4/3/69			30.71		30.71	4694	0.35	0.35	
4/13/70			31.67		31.67	4693	-0.96	-0.61	
4/12/71			31.72		31.72	4693	-0.05	-0.66	
4/3/72			32.96		32.96	4692	-1.24	-1.90	
4/23/73			31.79		31.79	4693	1.17	-0.73	
4/11/74			28.93		28.93	4696	2.86	2.13	
4/12/76			29.86		29.86	4695	-0.93	1.20	
3/31/77			31.50		31.50	4694	-1.64	-0.44	
3/29/79			34.92		34.92	4690	-3.42	-3.86	
4/18/80			31.86		31.86	4693	3.06	-0.80	
3/31/81			32.85		32.85	4692	-0.99	-1.79	
5/26/83			34.85		34.85	4690	-2.00	-3.79	
5/11/84			30.33		30.33	4695	4.52	0.73	
4/16/85			31.02		31.02	4694	-0.69	0.04	
4/10/86			31.40		31.40	4694	-0.38	-0.34	
4/15/87			32.70		32.70	4692	-1.30	-1.64	
4/12/88			31.34		31.34	4694	1.36	-0.28	
3/24/89			30.83		30.83	4694	0.51	0.23	
3/20/90			30.90		30.90	4694	-0.07	0.16	
4/4/91			31.20		31.20	4694	-0.30	-0.14	
3/27/92			30.70		30.70	4694	0.50	0.36	
3/23/93			29.50		29.50	4696	1.20	1.56	
3/11/94			28.60		28.60	4696	0.90	2.46	
3/17/95			30.05		30.05	4695	-1.45	1.01	
3/7/96			29.30		29.30	4696	0.75	1.76	
4/15/97			30.31		30.31	4695	-1.01	0.75	
3/25/98			30.50		30.50	4695	-0.19	0.56	
3/11/99			31.60		31.60	4693	-1.10	-0.54	
3/14/00			30.00		30.00	4695	1.60	1.06	

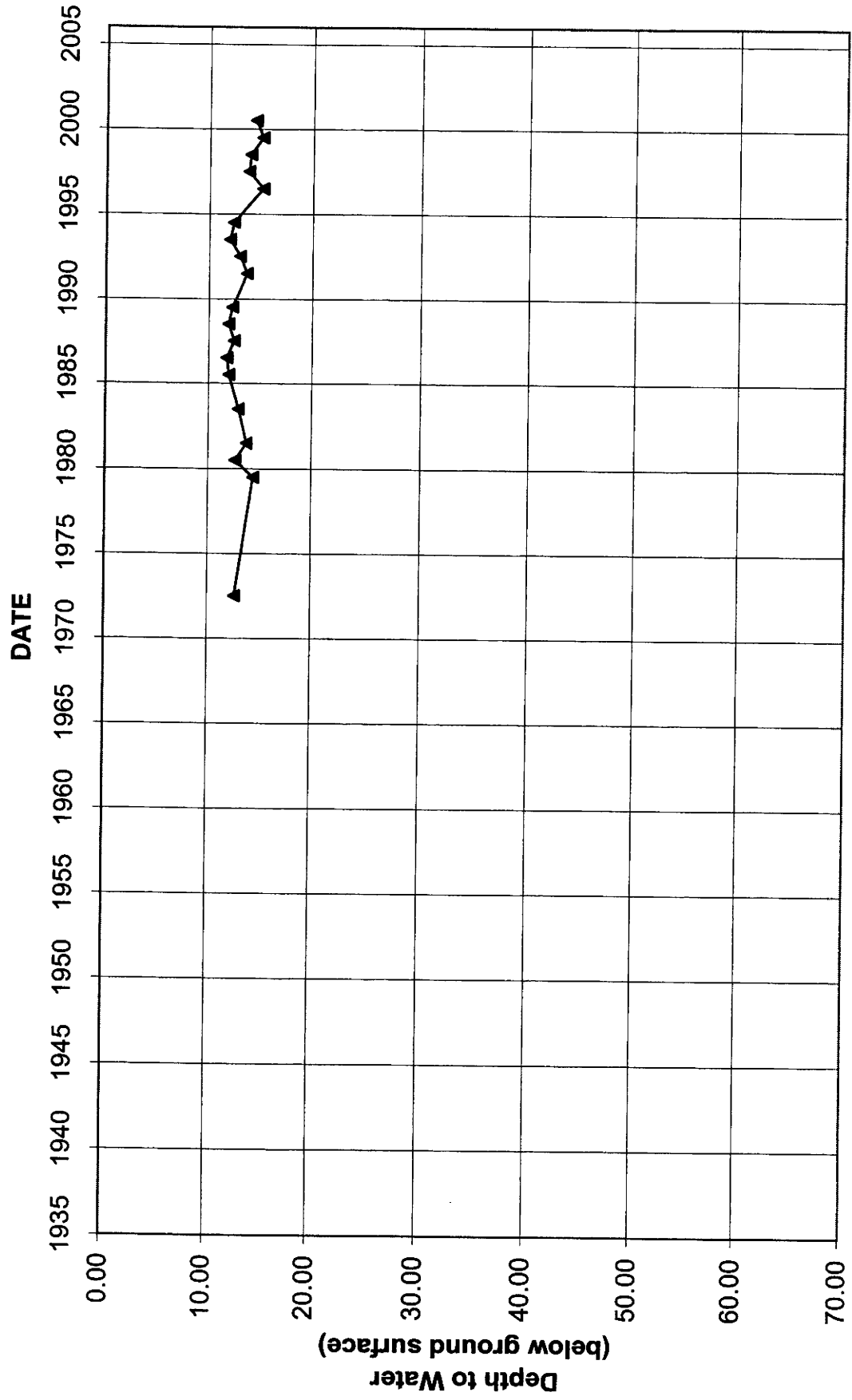
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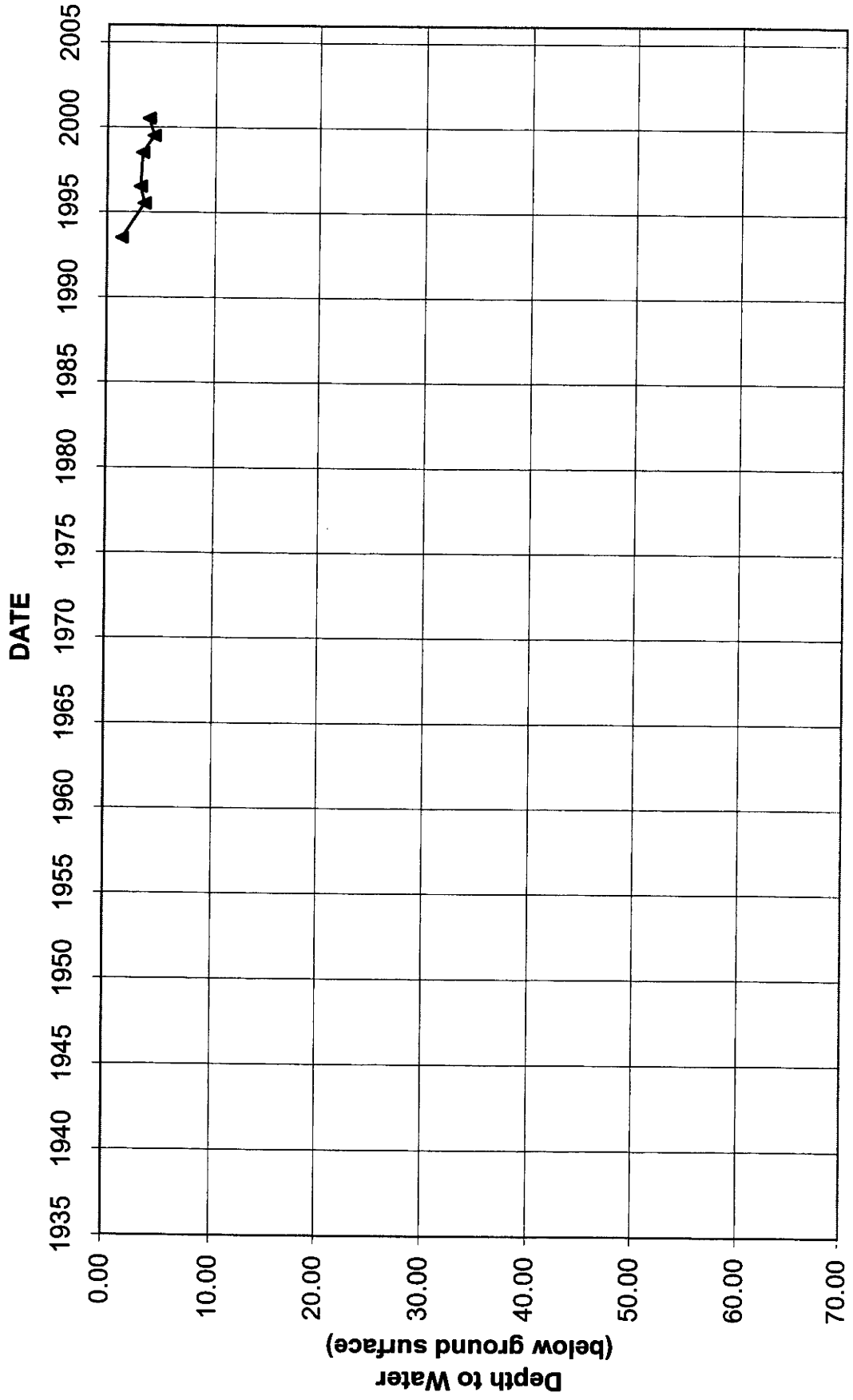
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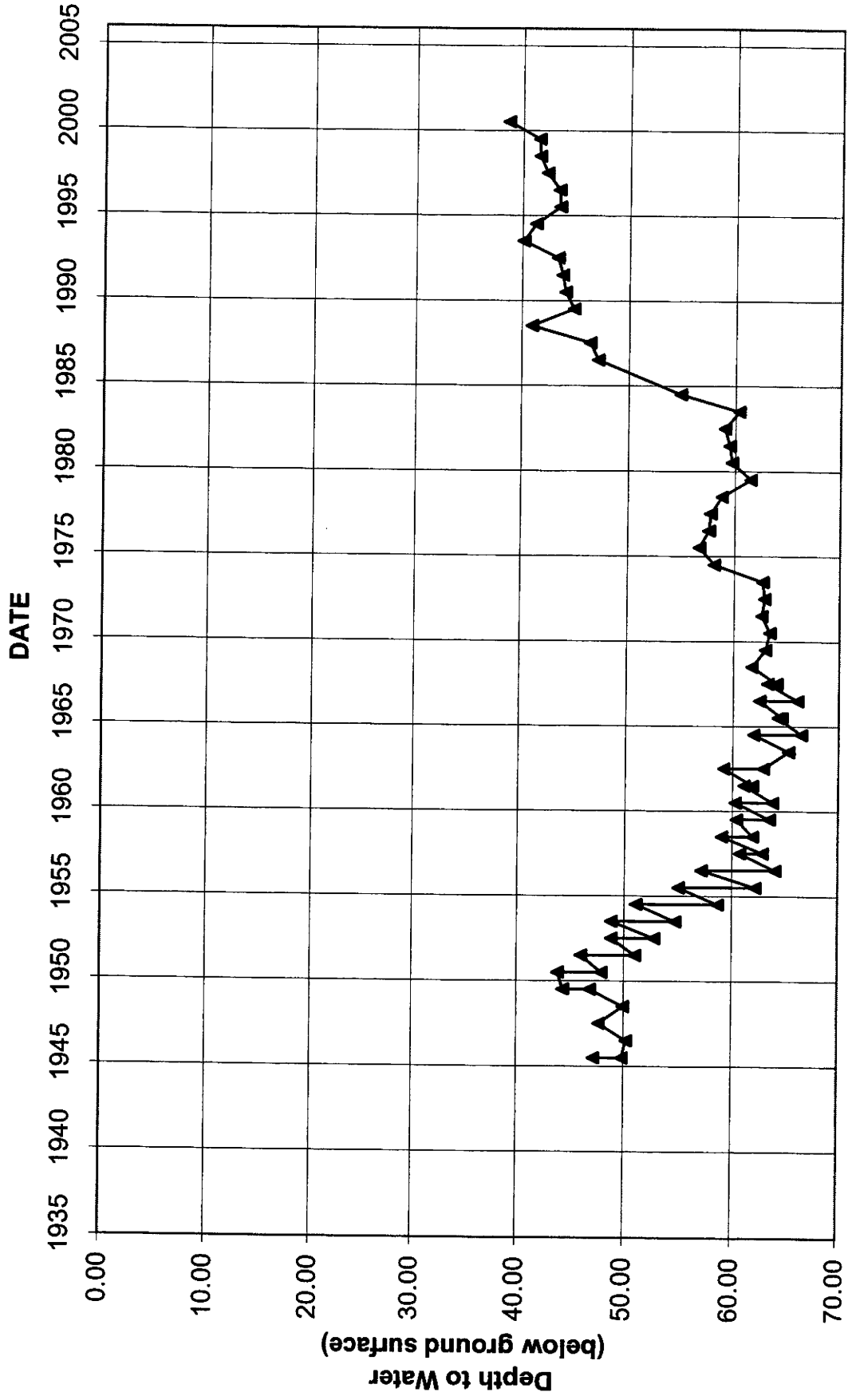
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S-26A



GS-1

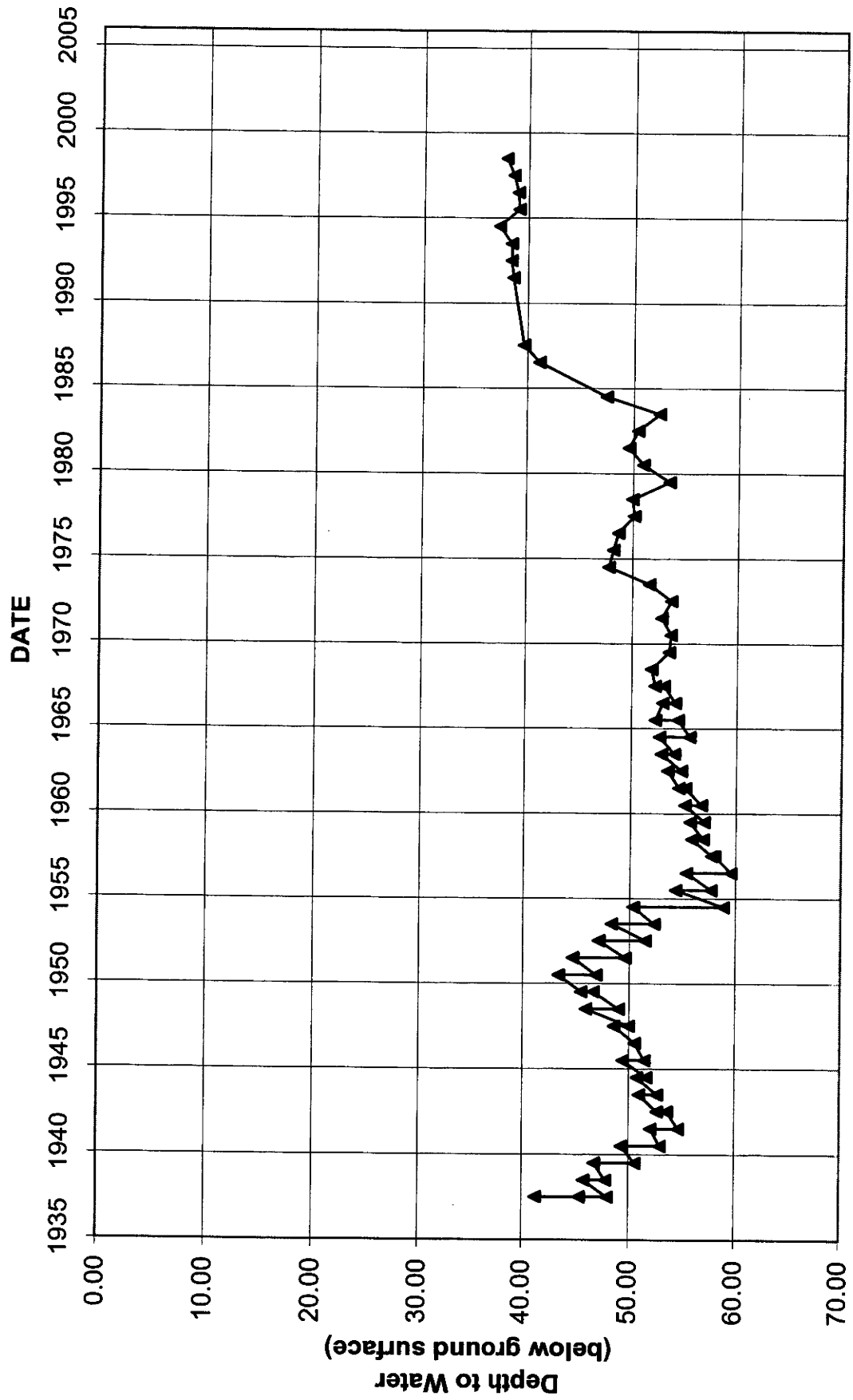


MONITORING WELL DATA SHEET

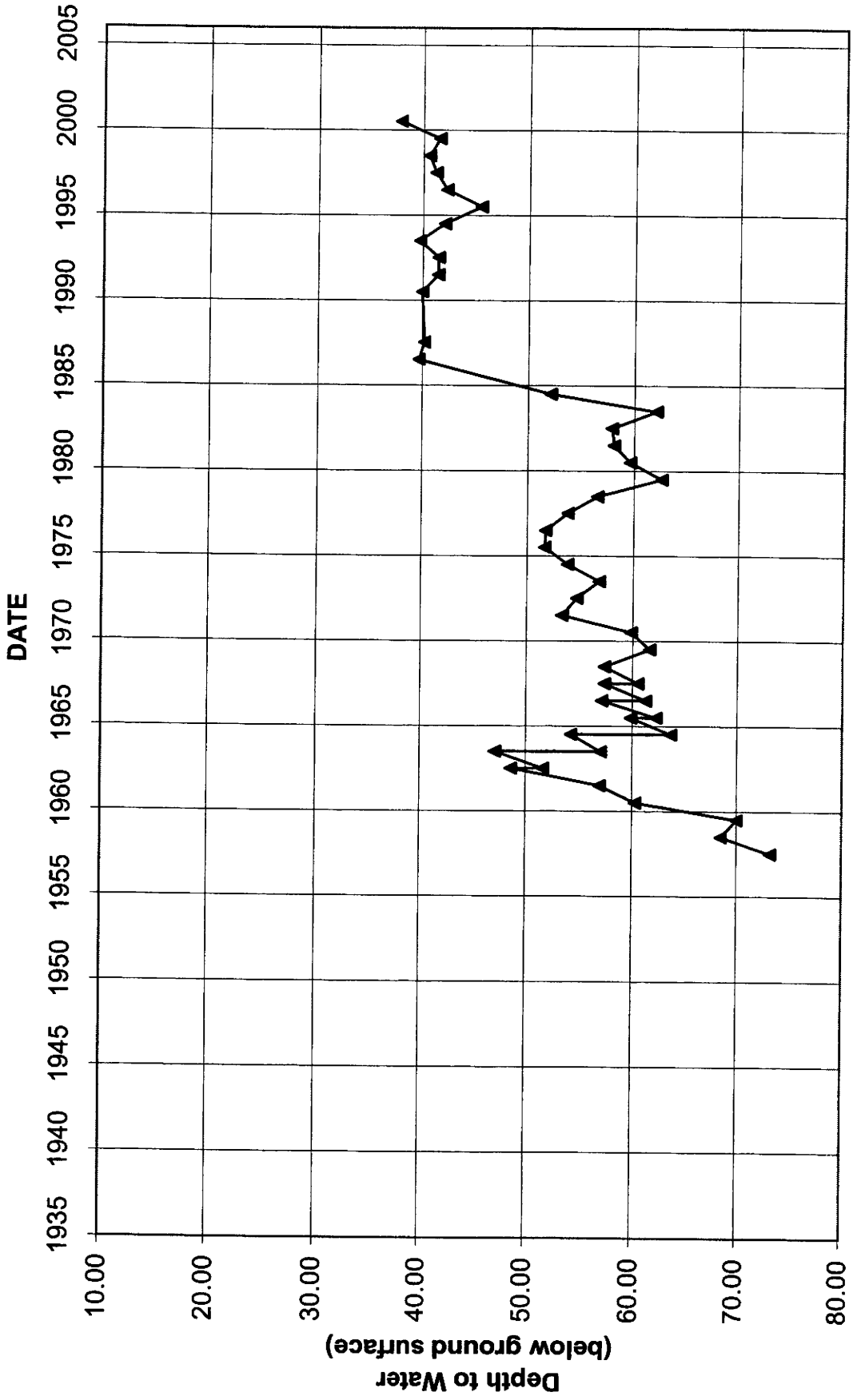
Well I.D.: GS-2 Well Owner: _____
 Permit #: _____ Local Well Number: _____
 County: _____
 Location: SB00206336BCB
 Site I.D. (lat/long) 400554N / 1042340W
 Aquifer: Alluvium
 Well Depth (ft): 82
 Surface Elev. (ft): 4,795

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
4/29/37			41.27		41.27	4754			
6/11/37			45.37		45.37	4750	-4.10	-4.10	
10/29/37			47.98		47.98	4747	-2.61	-6.71	
5/11/38			45.78		45.78	4749	2.20	-4.51	
12/9/38			47.81		47.81	4747	-2.03	-6.54	
4/26/39			46.76		46.76	4748	1.05	-5.49	
10/26/39			50.57		50.57	4744	-3.81	-9.30	
4/25/40			49.28		49.28	4746	1.29	-8.01	
11/30/40			52.93		52.93	4742	-3.65	-11.66	
5/5/41			52.06		52.06	4743	0.87	-10.79	
11/4/41			54.65		54.65	4740	-2.59	-13.38	
4/16/42			53.60		53.60	4741	1.05	-12.33	
11/17/42			52.65		52.65	4742	0.95	-11.38	
4/1/43			50.95		50.95	4744	1.70	-9.68	
11/16/43			52.65		52.65	4742	-1.70	-11.38	
4/26/44			50.75		50.75	4744	1.90	-9.48	
11/9/44			51.63		51.63	4743	-0.88	-10.36	
5/3/45			49.40		49.40	4746	2.23	-8.13	
10/30/45			51.45		51.45	4744	-2.05	-10.18	
4/23/46			50.50		50.50	4745	0.95	-9.23	
10/31/46			50.50		50.50	4745	0	-9.23	
4/29/47			48.55		48.55	4746	1.95	-7.28	
10/9/47			49.94		49.94	4745	-1.39	-8.67	
4/23/48			45.92		45.92	4749	4.02	-4.65	
11/8/48			48.98		48.98	4746	-3.06	-7.71	
4/15/49			46.62		46.62	4748	2.36	-5.35	
12/9/49			45.45		45.45	4750	1.17	-4.18	
4/5/50			43.36		43.36	4752	2.09	-2.09	
12/10/50			46.85		46.85	4748	-3.49	-5.58	
4/18/51			44.68		44.68	4750	2.17	-3.41	
10/24/51			49.58		49.58	4745	-4.90	-8.31	
4/3/52			47.10		47.10	4748	2.48	-5.83	
10/18/52			51.47		51.47	4744	-4.37	-10.20	
4/20/53			48.28		48.28	4747	3.19	-7.01	
10/26/53			52.28		52.28	4743	-4.00	-11.01	
4/7/54			50.32		50.32	4745	1.96	-9.05	
10/18/54			58.85		58.85	4736	-8.53	-17.58	
4/1/55			54.30		54.30	4741	4.55	-13.03	
10/28/55			57.65		57.65	4737	-3.35	-16.38	
4/1/56			55.32		55.32	4740	2.33	-14.05	
10/15/56			59.56		59.56	4735	-4.24	-18.29	
3/17/57			57.97		57.97	4737	1.59	-16.70	
10/11/57			57.68		57.68	4737	0.29	-16.41	
3/31/58			55.80		55.80	4739	1.88	-14.53	
11/10/58			56.85		56.85	4738	-1.05	-15.58	
3/23/59			55.60		55.60	4739	1.25	-14.33	
11/6/59			56.96		56.96	4738	-1.36	-15.69	
4/11/60			55.12		55.12	4740	1.84	-13.85	
11/8/60			56.65		56.65	4738	-1.53	-15.38	
4/3/61			55.14		55.14	4740	1.51	-13.87	
11/10/61			54.52		54.52	4740	0.62	-13.25	
3/29/62			53.46		53.46	4742	1.06	-12.19	
11/7/62			54.74		54.74	4740	-1.28	-13.47	
4/10/63			52.83		52.83	4742	1.91	-11.56	
11/6/63			54.06		54.06	4741	-1.23	-12.79	
3/23/64			52.67		52.67	4742	1.39	-11.40	
11/27/64			55.50		55.50	4740	-2.83	-14.23	
4/14/65			54.41		54.41	4741	1.09	-13.14	
12/7/65			52.24		52.24	4743	2.17	-10.97	
3/18/66			52.94		52.94	4742	-0.70	-11.67	
11/10/66			54.10		54.10	4741	-1.16	-12.83	
3/22/67			53.05		53.05	4742	1.05	-11.78	
11/10/67			52.21		52.21	4743	0.84	-10.94	
3/22/68			51.85		51.85	4743	0.36	-10.58	
3/17/69			53.50		53.50	4742	-1.65	-12.23	
3/27/70			53.68		53.68	4741	-0.18	-12.41	
3/18/71			52.78		52.78	4742	0.90	-11.51	
4/5/72			53.70		53.70	4741	-0.92	-12.43	
3/22/73			51.62		51.62	4743	2.08	-10.35	
5/3/74			47.76		47.76	4747	3.86	-6.49	
3/19/75			48.17		48.17	4747	-0.41	-6.90	
3/10/76			48.61		48.61	4746	-0.44	-7.34	
3/2/77			50.12		50.12	4745	-1.51	-8.85	
3/7/78			49.94		49.94	4745	0.18	-8.67	
3/5/79			53.43		53.43	4742	-3.49	-12.16	
3/11/80			50.93		50.93	4744	2.50	-9.66	
3/9/81			49.55		49.55	4745	1.38	-8.28	
3/10/82			50.40		50.40	4745	-0.85	-9.13	
3/10/83			52.45		52.45	4743	-2.05	-11.18	
4/6/84			47.43		47.43	4748	5.02	-6.16	
4/24/85			41.12		41.12	4754	6.31	0.15	
4/1/87			39.65		39.65	4755	1.47	1.62	
4/5/91			38.60		38.60	4756	1.05	2.67	
3/26/92			38.40		38.40	4757	0.20	2.87	
3/29/93			38.40		38.40	4757	0	2.87	
3/14/94			37.20		37.20	4758	1.20	4.07	
3/17/95			39.10		39.10	4756	-1.90	2.17	
3/7/96			39.00		39.00	4756	0.10	2.27	
4/15/97			38.60		38.60	4756	0.40	2.67	
3/25/98			37.88		37.88	4757	0.72	3.39	

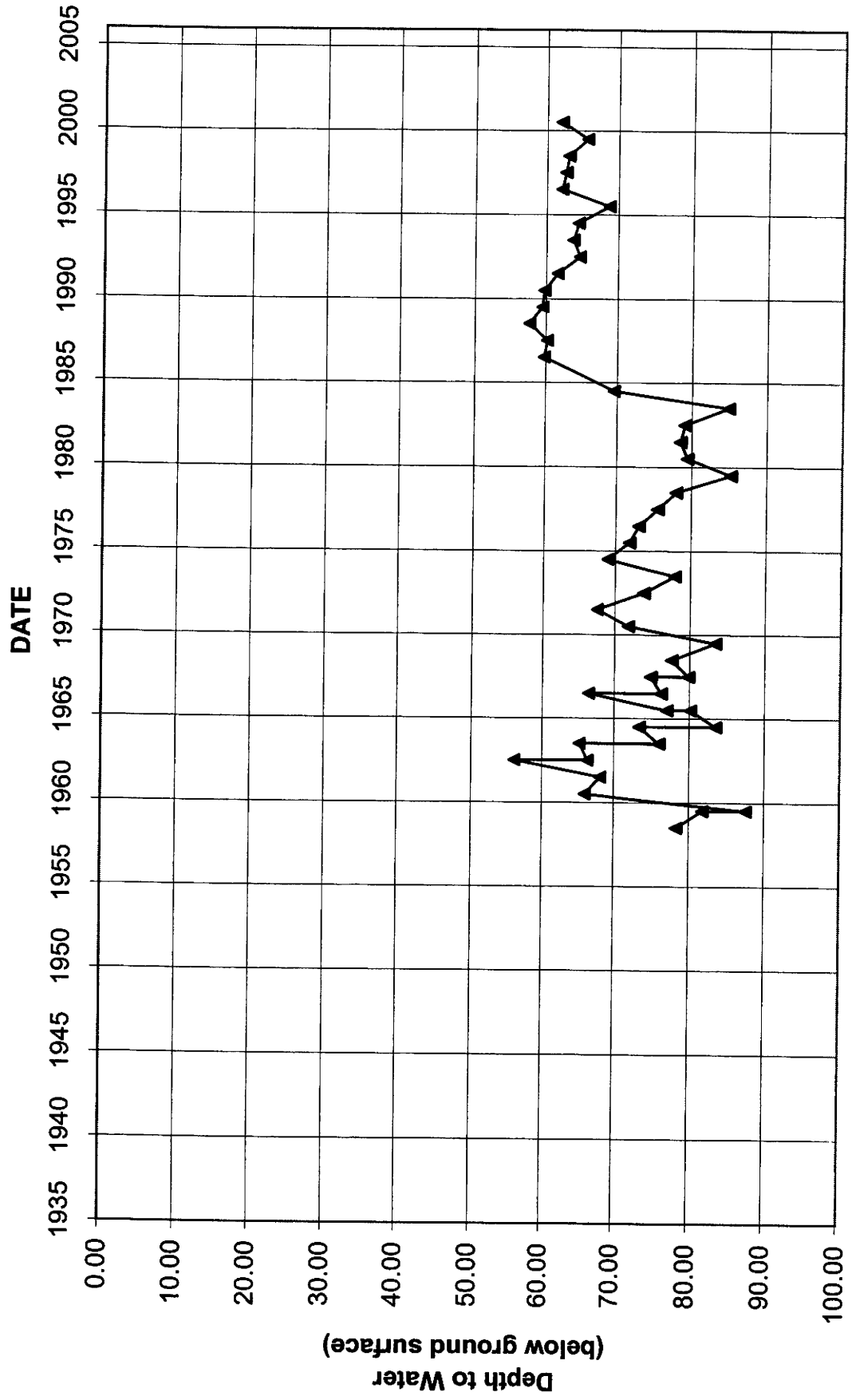
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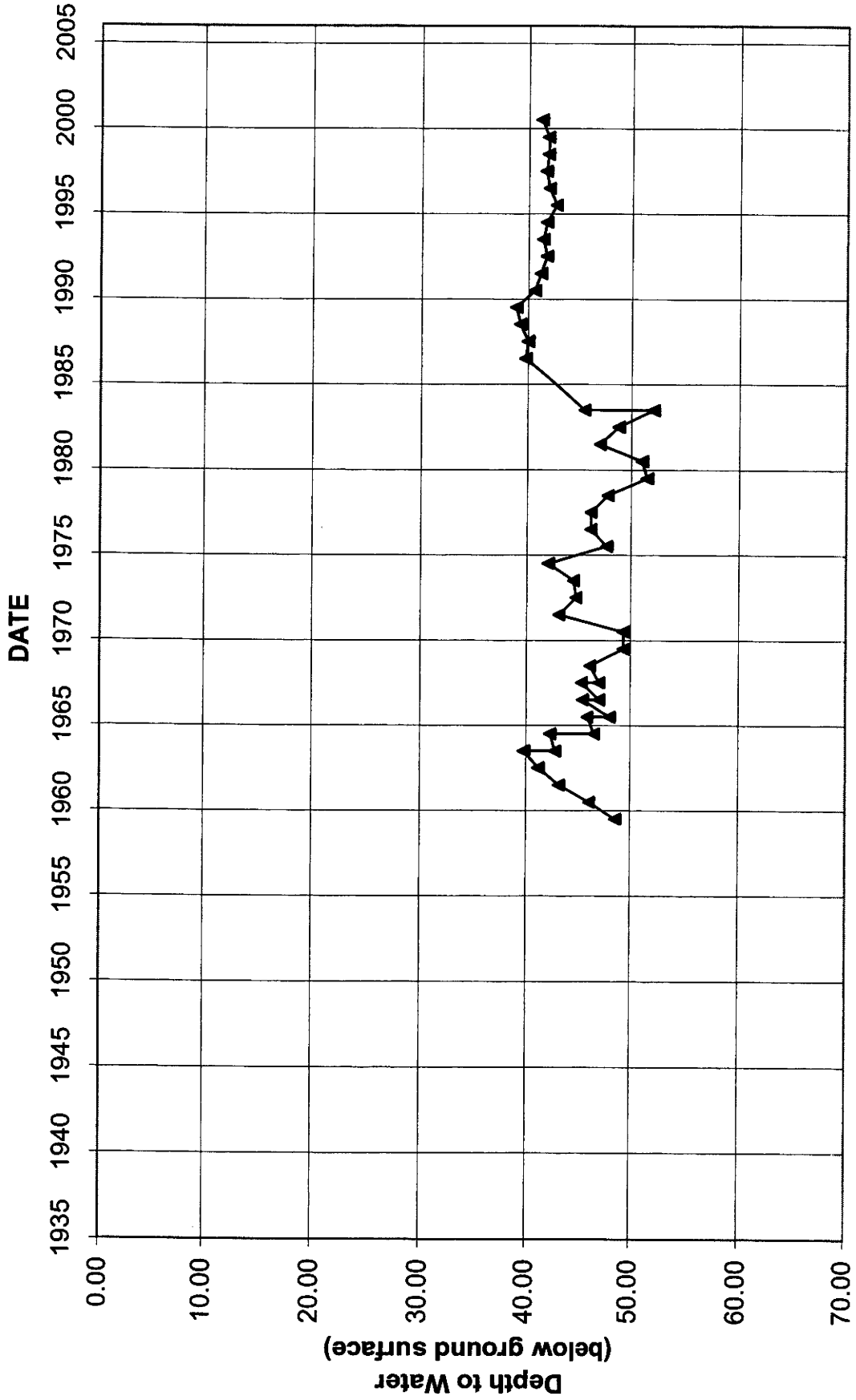
GS-3



GS-4



GS-5



GS-6

