

ONLY

(DO NOT GIVE OUT)

GROUND WATER LEVELS

in the

LOST CREEK

DESIGNATED BASIN

1999



**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**

This report represents the results of water level measurements of wells in the Lost Creek Designated Basin made during the month of March 1999. 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.

A total of twenty wells were measured. Changes in water level for the alluvial aquifer range from a decline of 2.62-feet in T1N, R63W, Sec. 16, to a rise of 0.7-feet in T3N, R62W., Sec. 14. The average for the entire basin is a decline of 0.90-feet as compared with a rise of 0.47 feet during the previous year. The average annual change for the ten-year period 1990 to 1999 was a decline of 0.56-feet or a decline of less than 0.1-feet per year. Although local variations of a few feet have been noted from year to year, the basin has remained fairly constant over the 12 years that the Division has measured wells.

The table of water level measurements included in this report is organized by location. Information presented includes, location, the 1988 through 1999 measurements and change between 1998 and 1999 as well as the change from 1990 to 1999. Also included are hydrographs for most wells, which contain the entire, well record of measurements.

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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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1998-99	CHANGE 1990/99	AQUIFER		
GS-3	SB00106309DDC	T	1N	R	63W	9	SESESW	39.67	04/24/86	-0.96	-1.61	Gal
								0.00	04/12/88			
								0.00	/ /			
								39.95	03/23/90			
								41.50	04/05/91			
								41.54	03/26/92			
								39.68	03/23/93			
								42.10	03/14/94			
								45.50	03/17/95			
								42.30	03/07/96			
								41.23	04/15/97			
								40.60	03/25/98			
41.56	03/15/99											
GS-4	SB00106316DDD	T	1N	R	63W	16	SESESE	59.80	04/24/86	-2.62	-5.87	Gal
								57.72	04/12/88			
								59.50	03/24/89			
								59.78	03/22/90			
								61.60	04/05/91			
								64.65	03/26/92			
								63.75	03/23/93			
								64.45	03/14/94			
								68.75	03/17/95			
								62.15	03/07/96			
								62.66	04/15/97			
								63.03	03/25/98			
65.65	03/15/99											
GS-5	SB00106329ABB	T	1N	R	63W	29	NENWNW	39.78	04/24/86	-0.01	-1.23	Gal
								39.29	04/12/88			
								38.88	03/24/89			
								40.58	03/23/90			
								41.15	04/05/91			
								41.68	03/26/92			
								41.35	03/29/93			
								41.68	03/14/94			
								42.60	03/17/95			
								41.90	03/07/96			
								41.60	04/15/97			
								41.80	03/25/98			
41.81	03/15/99											
S-2	SB00206204BDD	T	2N	R	62W	4	SESENW	17.20	04/16/87	-1.04	-1.60	Gal
								15.81	04/12/88			
								15.73	03/23/89			
								16.10	03/20/90			
								16.60	04/04/91			
								17.04	03/26/92			
								15.80	03/23/93			
								15.90	03/11/94			
								16.70	03/23/95			
								15.70	03/07/96			
								0.00	04/15/97			
								16.66	03/25/98			
17.70	03/11/99											

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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1998-99	CHANGE 1990/99	AQUIFER		
S-3	SB00206208BCD	T	2N	R	62W	8	NWSWE	25.20	04/16/87	-1.59	-0.80	Qal
								24.11	04/12/88			
								24.17	03/24/89			
								24.10	03/20/90			
								23.90	04/04/91			
								0.00	/ /			
								21.10	03/23/93			
								22.10	03/12/94			
								23.30	03/23/95			
								23.35	03/07/96			
								23.35	04/15/97			
								23.31	03/25/98			
								24.90	03/11/99			
S-10	SB00206218CBC	T	2N	R	62W	18	SWNWSW	34.00	04/16/87	-1.24		Qal
								31.71	04/12/88			
								29.08	03/24/89			
								0.00	/ /			
								29.75	04/05/91			
								28.80	03/26/92			
								26.40	03/23/93			
								26.75	03/14/94			
								28.70	03/17/95			
								28.50	03/07/96			
								28.96	04/15/97			
								28.32	03/25/98			
								29.56	03/11/99			
S-18	SB00206302DBA	T	2N	R	63W	2	SEWNE	32.70	04/16/87	-1.10	-0.70	Qal
								31.34	04/12/88			
								30.83	03/24/89			
								30.90	03/20/90			
								31.20	04/04/91			
								30.70	03/27/92			
								29.50	03/23/93			
								28.60	03/11/94			
								30.05	03/17/95			
								29.30	03/07/96			
								30.31	04/15/97			
								30.50	03/25/98			
								31.60	03/11/99			
S-12	SB00206311CDD	T	2N	R	63W	11	SWESE	23.70	04/16/87	-2.16	11.06	Qal
								21.74	04/12/88			
								0.00	/ /			
								33.00	03/22/90			
								22.20	04/04/91			
								20.54	03/29/92			
								18.80	03/23/93			
								18.60	03/11/94			
								20.20	03/17/95			
								19.45	03/07/96			
								0.00	04/15/97			
								19.78	04/09/98			
								21.94	03/11/99			

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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1998-99	CHANGE 1990/99	AQUIFER		
GS-1	SB00206323DCD	T	2N	R	63W	23	SESWSE	0.08	2.50	Gal		
											47.13	04/24/86
											40.92	04/12/88
											44.81	03/24/89
											44.00	03/22/90
											43.75	04/04/91
											43.30	03/26/92
											40.10	03/23/93
											41.23	03/14/94
											43.48	03/17/95
											43.40	03/07/96
											42.28	04/15/97
											41.58	03/25/98
41.50	03/15/99											
GS-2	SB00206336BCB	T	2N	R	63W	36	NWSWNW			Gal		
											41.12	04/24/86
											0.00	04/12/88
											0.00	/ /
											0.00	/ /
											38.60	04/05/91
											38.40	03/26/92
											38.40	03/29/93
											37.20	03/14/94
											39.10	03/17/95
											39.00	03/07/96
											38.60	04/15/97
											37.88	03/25/98
03/15/99												
N-5	SB00306203CCC	T	3N	R	62W	3	SWSWSW	-0.57		Gal		
											8.20	04/16/87
											5.29	04/12/88
											5.67	03/23/89
											0.00	/ /
											8.40	04/04/91
											6.87	03/26/92
											8.60	03/23/93
											0.00	/ /
											10.20	03/10/95
											8.80	03/07/96
											15.52	04/15/97
											8.83	03/25/98
9.40	03/11/99											
N-6	SB00306214BCA	T	3N	R	62W	14	NWSWNE	0.70	2.50	Gal		
											11.18	04/11/85
											11.64	04/12/88
											11.17	03/23/89
											11.80	03/21/90
											12.25	04/04/91
											9.30	03/26/92
											9.25	03/23/93
											9.62	03/11/94
											10.75	03/10/95
											9.50	03/07/96
											9.85	04/15/97
											10.00	03/25/98
9.30	03/11/99											

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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1998-99	CHANGE 1990/99	AQUIFER		
N-8	SB00306222ACC	T	3N	R	62W	22	NESWSW	8.95	04/16/87	-1.25	Qal	
								8.77	04/12/88			
								9.08	03/23/89			
								35.45	03/22/90			
								10.20	04/04/91			
								10.43	03/26/92			
								10.00	03/23/93			
								10.05	03/11/94			
								10.40	03/10/95			
								10.60	03/07/96			
								11.18	04/15/97			
								11.48	03/25/98			
								12.73	03/11/99			
N-11	SB00306226DCD	T	3N	R	62W	26	SESWSW	36.50	04/10/86	-0.62	-0.18	Qal
								38.84	04/12/88			
								39.29	03/23/89			
								40.12	03/19/90			
								40.70	04/04/91			
								41.00	03/26/92			
								39.80	03/23/93			
								39.65	03/11/94			
								40.00	03/17/95			
								36.10	03/07/96			
								39.95	04/15/97			
								39.68	03/25/98			
								40.30	03/11/99			
N-7	SB00306227DAD	T	3N	R	62W	27	SENWSE	13.40	04/16/87	-1.30	-5.10	Qal
								0.00	04/12/88			
								0.00	/ /			
								12.95	03/21/90			
								14.60	04/04/91			
								14.45	03/26/92			
								14.40	03/23/93			
								14.85	03/11/94			
								16.05	03/10/95			
								15.00	03/07/96			
								16.49	04/15/97			
								16.75	03/25/98			
								18.05	03/11/99			
S-1A	SB00306232CDD	T	3N	R	62W	32	SWSESE	18.60	04/16/87	-1.62	-3.45	Qal
								18.15	04/12/88			
								17.67	03/23/89			
								17.25	03/21/90			
								17.45	04/04/91			
								16.95	03/27/92			
								15.95	03/23/93			
								16.25	03/11/94			
								17.80	03/10/95			
								17.15	03/07/96			
								18.58	04/15/97			
								19.08	03/25/98			
								20.70	03/11/99			

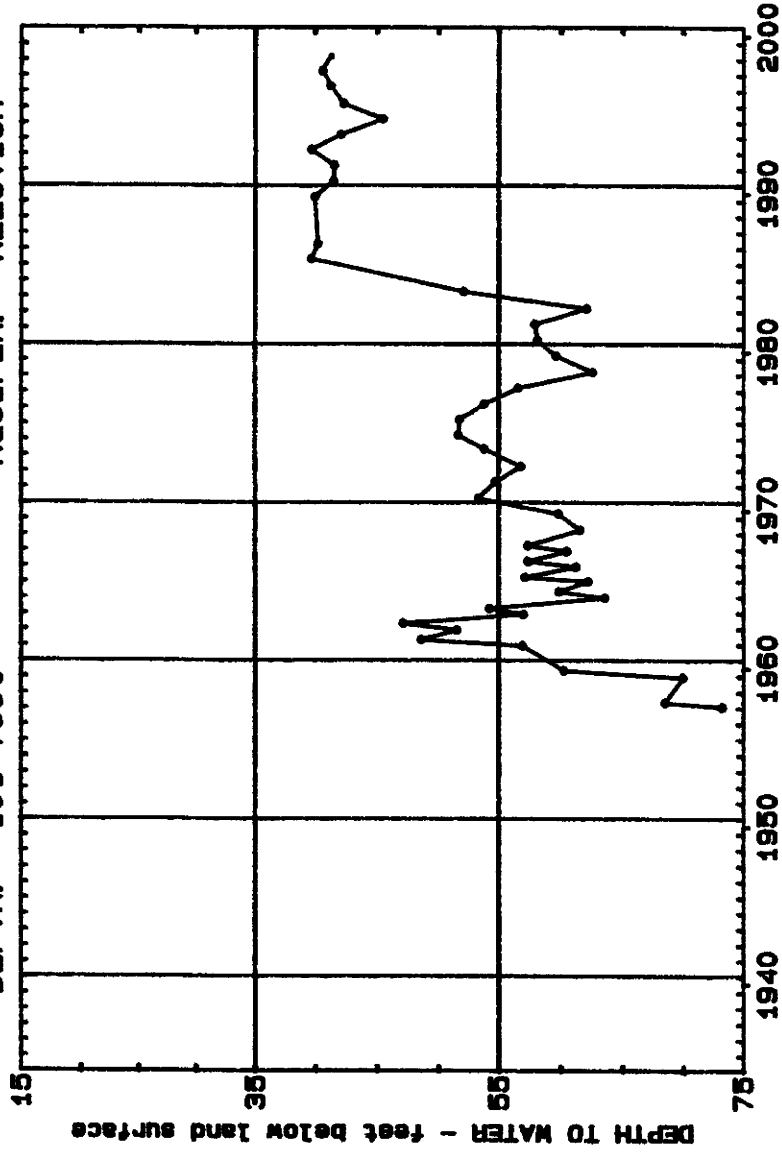
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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1998-99	CHANGE 1990/99	AQUIFER			
S-23A	SB00306322CAD	T	3N	R	63W	22	SWNESE	0.00	/	/	-0.08	QAL	
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								1.30	03/11/94				
								2.55	03/10/95				
								3.05	03/07/96				
								3.56	04/15/97				
S-24	SB00306325DDD	T	3N	R	63W	25	SESESE	12.50	04/16/87	-1.17	-1.92	Qal	
								11.94	04/12/88				
								12.31	03/23/89				
								13.33	03/20/90				
								13.75	04/04/91				
								13.05	03/26/92				
								12.05	03/23/93				
								12.40	03/11/94				
								0.00	03/10/95				
								15.30	03/07/96				
								13.91	04/15/97				
14.08	03/25/98												
15.25	03/11/99												
S-26A	SB00306326ACA	T	3N	R	63W	26	NESWNE	0.00	/	/	-1.05	Qal	
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								0.00	/	/			
								1.40	03/23/93				
								1.95	03/11/94				
								3.45	03/10/95				
								3.10	03/07/96				
N-1	SB00406235BAC	T	4N	R	62W	35	NWNESW	3.25	04/16/87	0.60	-0.60	Qal	
								2.59	04/12/88				
								3.00	03/23/89				
								2.90	03/19/90				
								3.20	04/04/91				
								3.85	03/26/92				
								2.82	03/23/93				
								2.80	03/11/94				
								3.20	03/10/95				
								3.05	03/07/96				
								3.00	04/15/97				
4.10	03/25/98												
3.50	03/11/99												

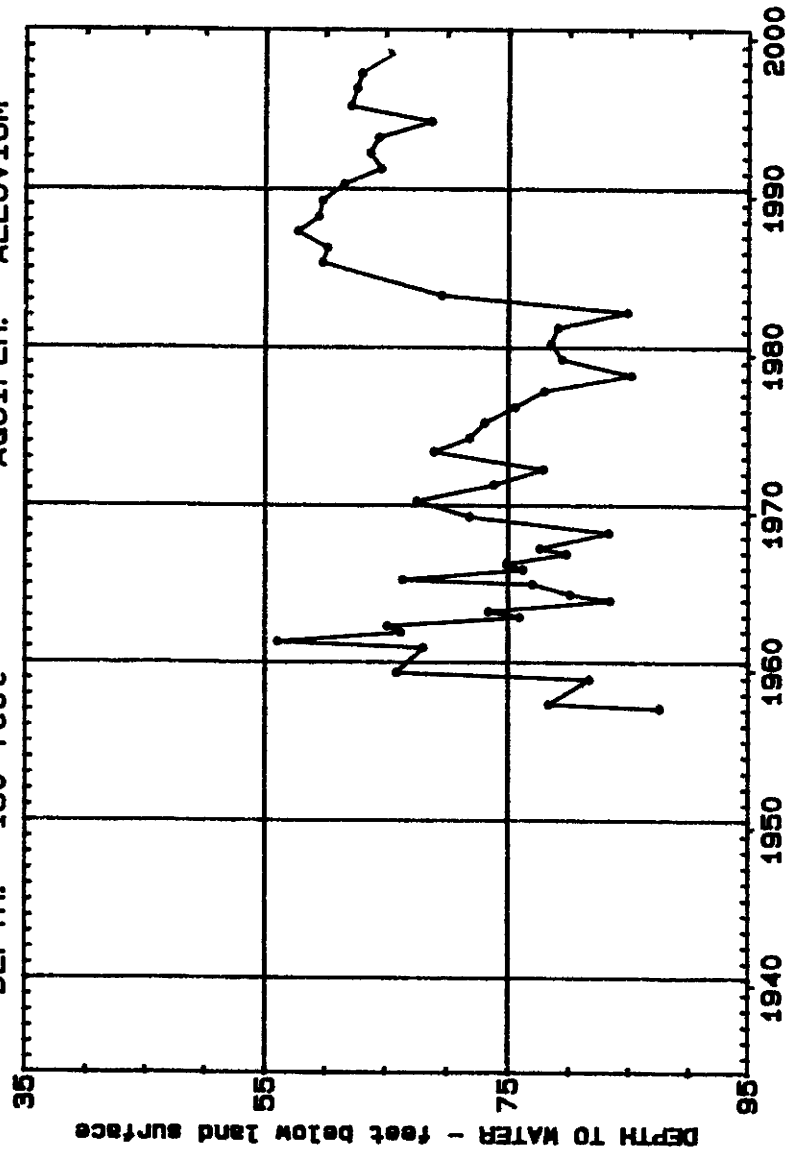
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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1998-99	CHANGE 1990/99	AQUIFER	
GS-6	SC001063108BB	T	1S	R	63W 10	NNNWNW	118.50	04/22/86	-1.07	-1.38	gal
							117.26	04/12/88			
							114.46	03/24/89			
							114.15	03/22/90			
							113.20	04/05/91			
							113.20	03/26/92			
							113.00	03/29/93			
							113.15	03/14/94			
							114.40	03/17/95			
							113.20	03/07/96			
							114.88	04/15/97			
							114.46	03/25/98			
							115.53	03/15/99			

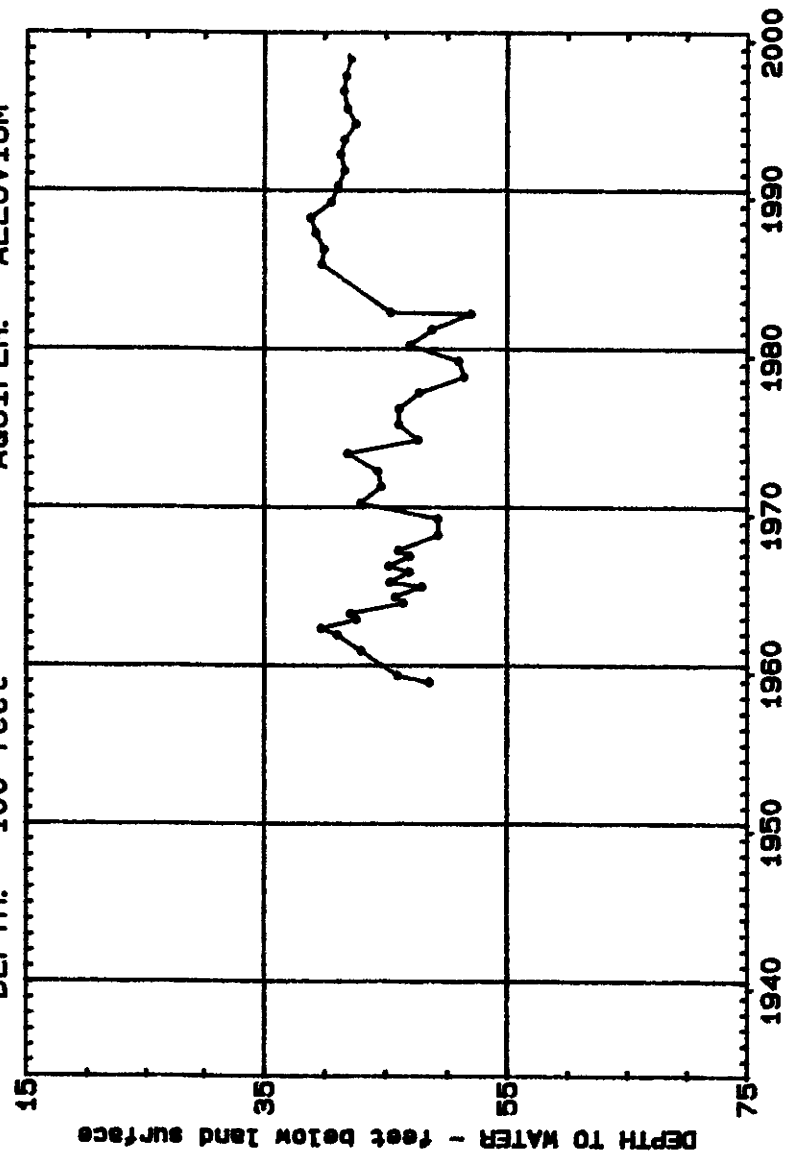
LOCATION: DDC 9 1N 63W LOCAL No.: GS-3
DEPTH: 101 feet AQUIFER: ALLUVIUM



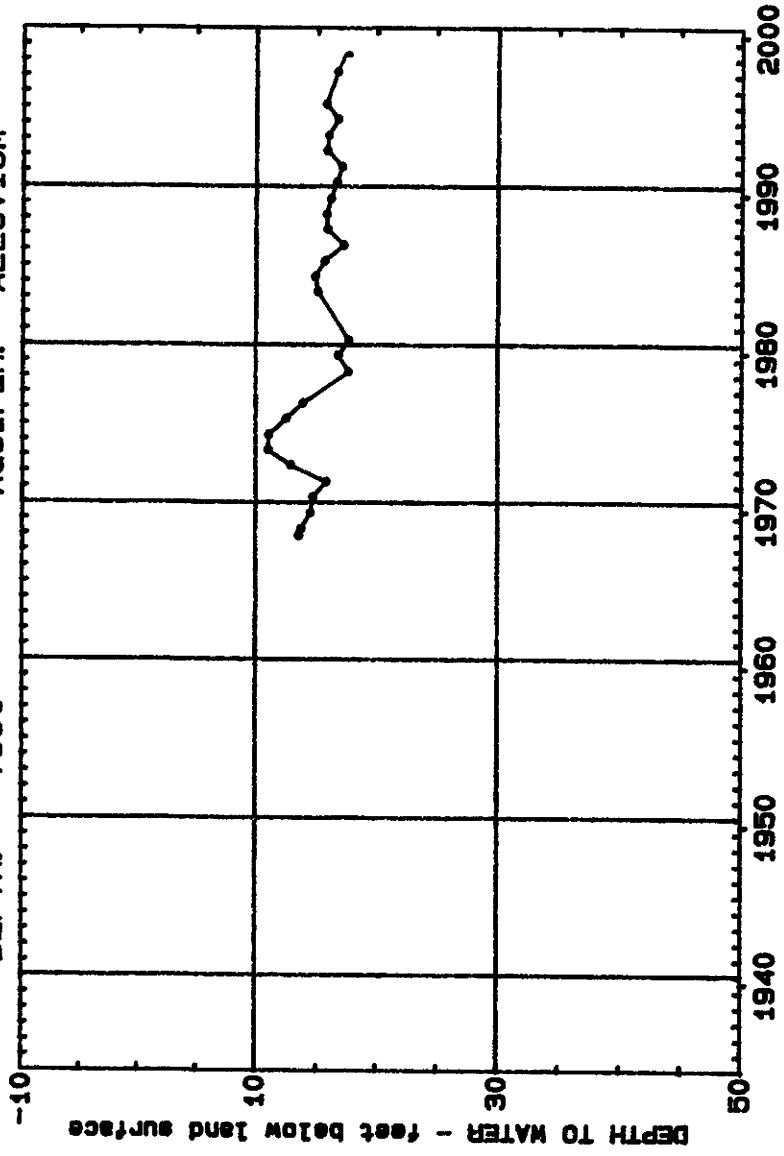
LOCATION: DDD 16 1N 63W LOCAL No.: GS-4
DEPTH: 150 feet AQUIFER: ALLUVIUM



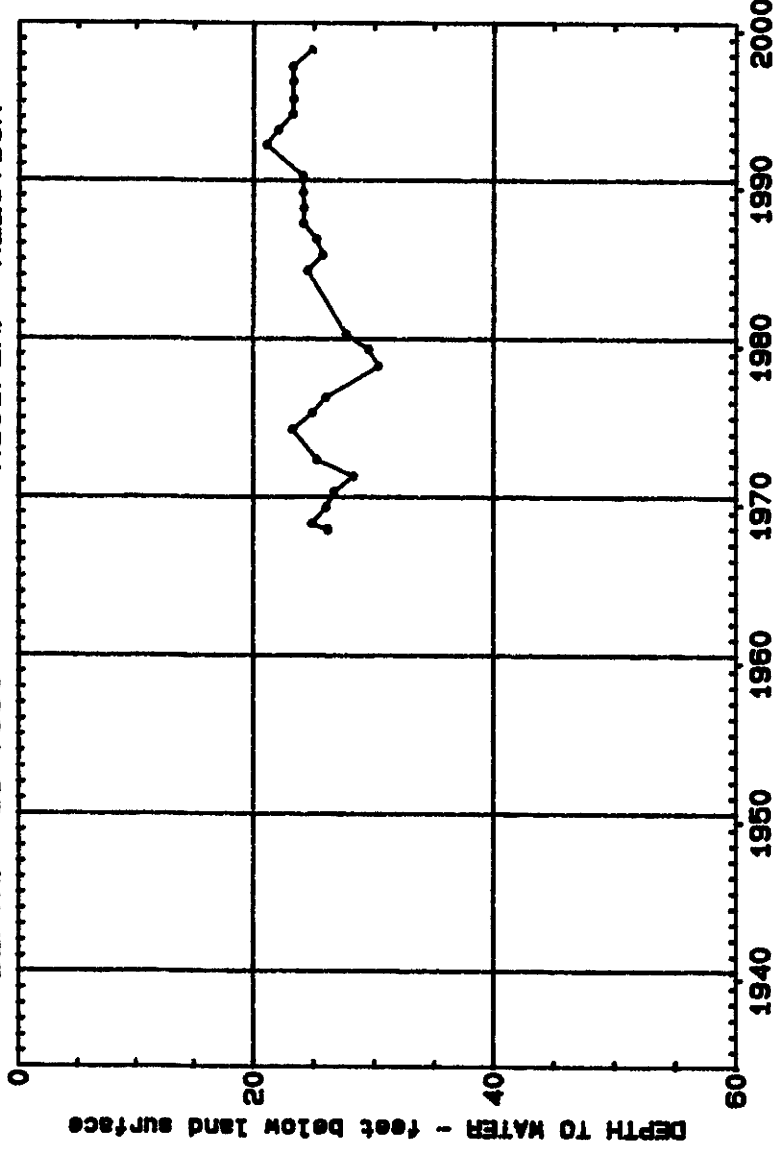
LOCATION: ABB 29 1N 63W LOCAL No.: GS-5
DEPTH: 100 feet AQUIFER: ALLUVIUM



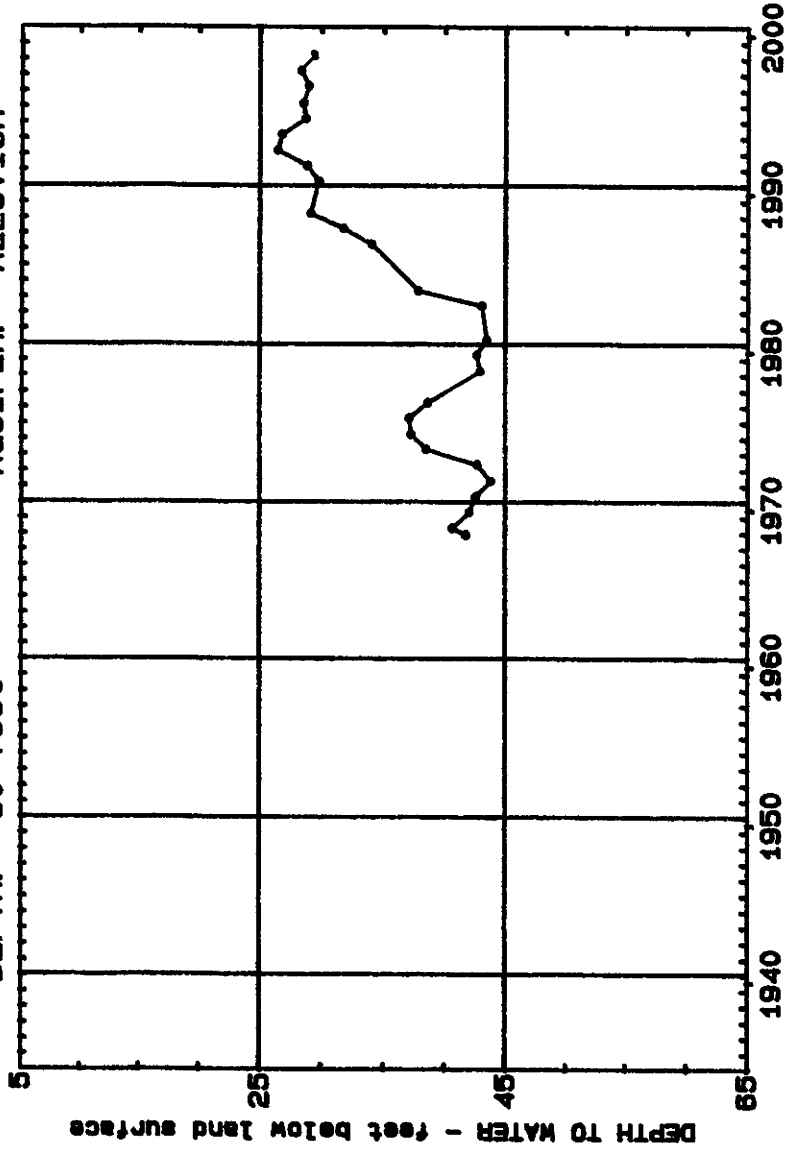
LOCATION: BDD 04 2N 62 LOCAL No.: S-2
DEPTH: feet AQUIFER: ALLUVIUM



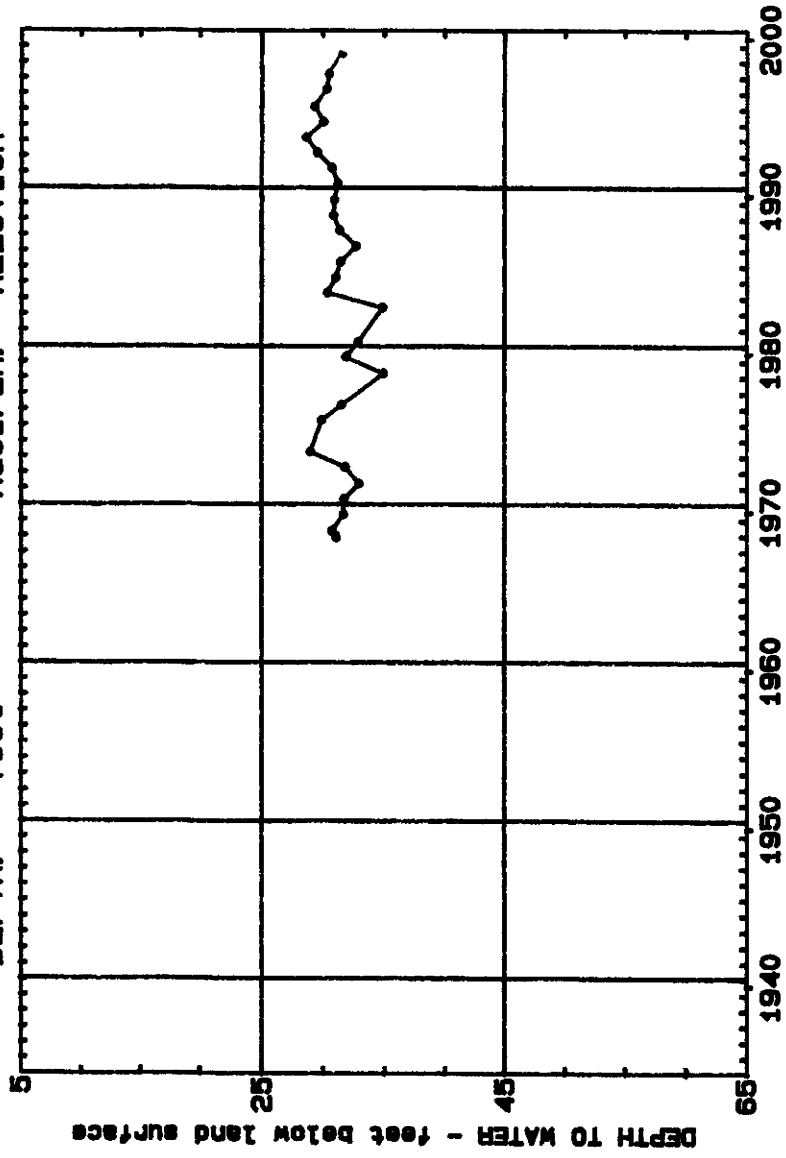
LOCATION: BCD 08 2N 62 LOCAL No.: S-3 31563-FP
DEPTH: 89 feet AGUIFER: ALLUVIUM



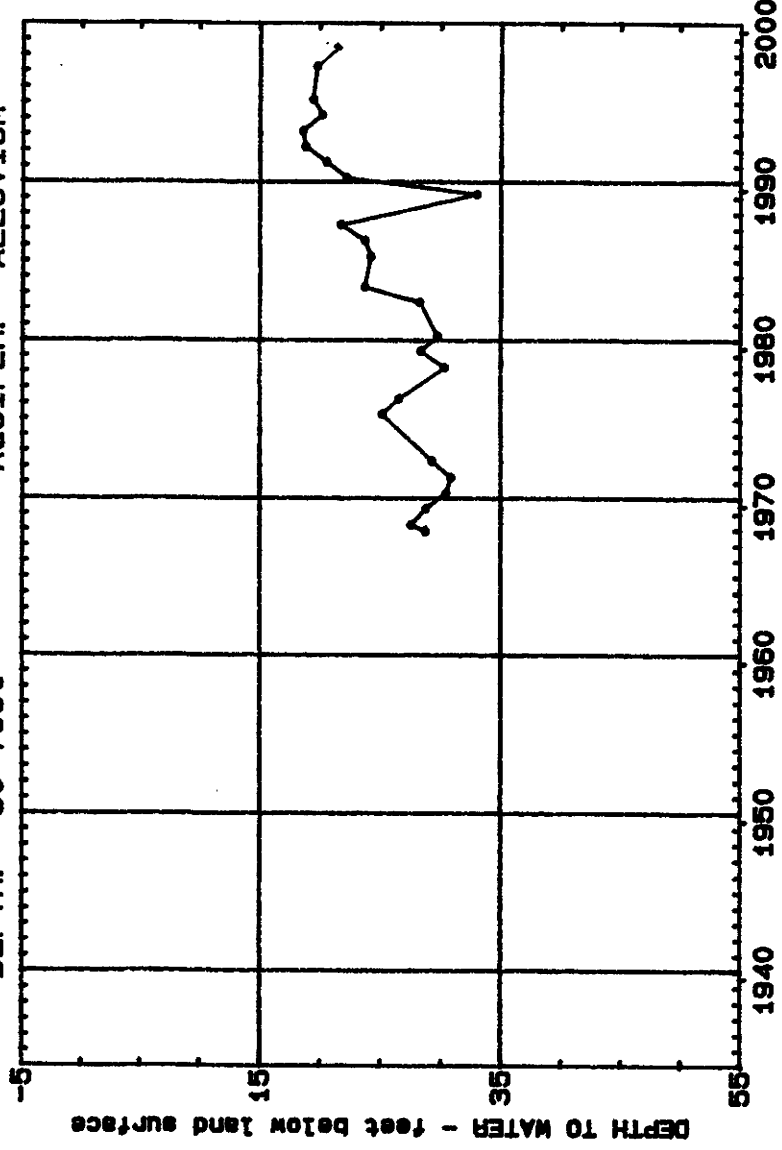
LOCATION: CBC 18 2N 62 LOCAL No.: S-10
DEPTH: 90 feet AQUIFER: ALLUVIUM



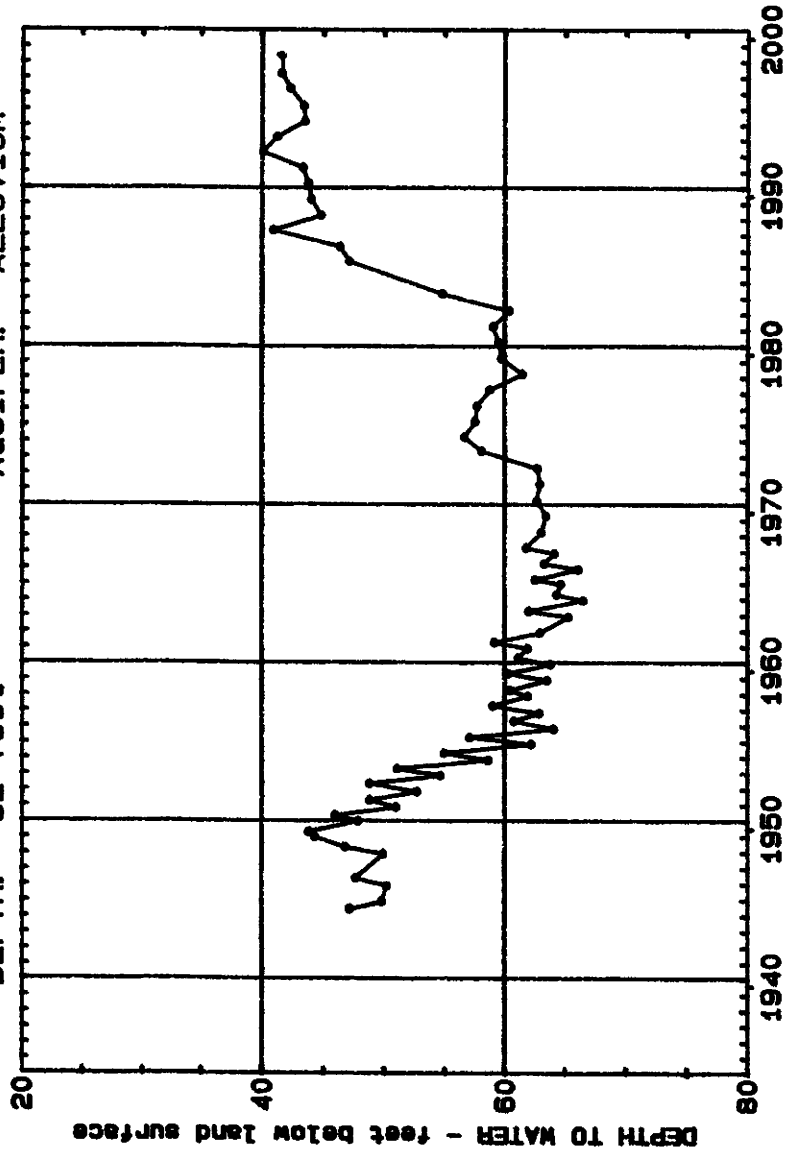
LOCATION: DBA 02 2N 63 LOCAL No.: S-18
DEPTH: feet AQUIFER: ALLUVIUM



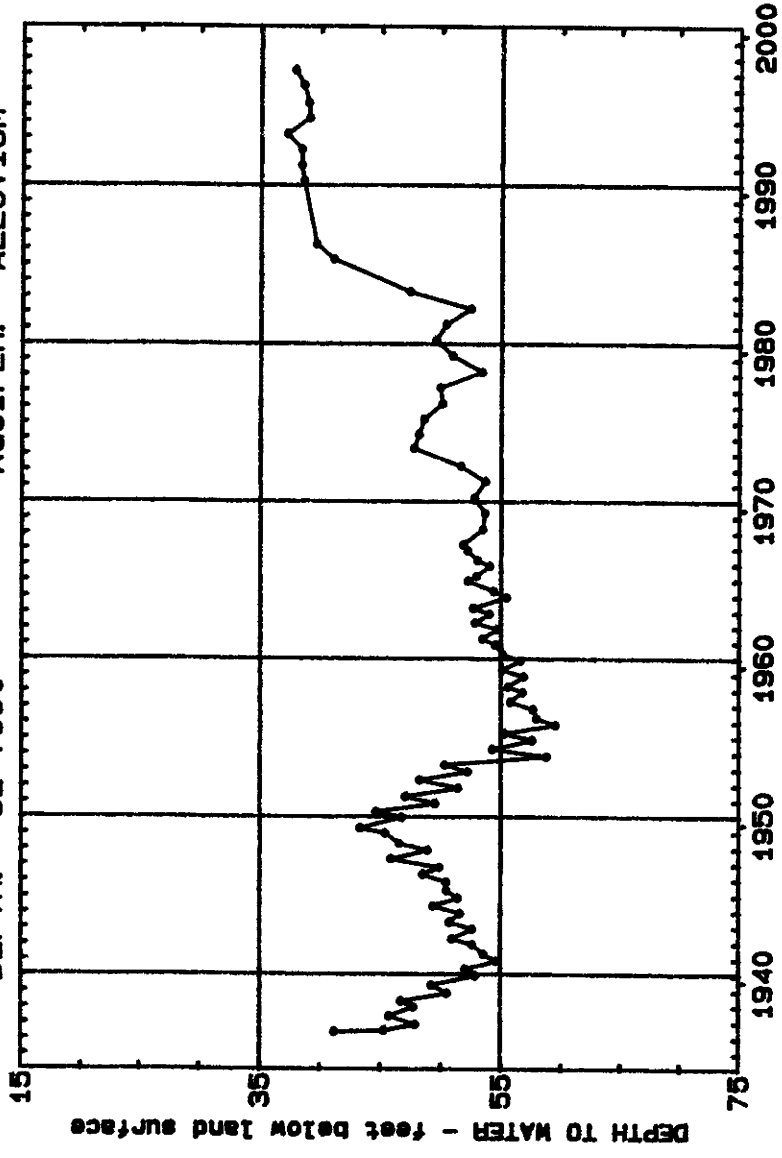
LOCATION: CDD 11 2N 63 LOCAL No.: S-12 10477-F
DEPTH: 90 feet AGUIFER: ALLUVIUM

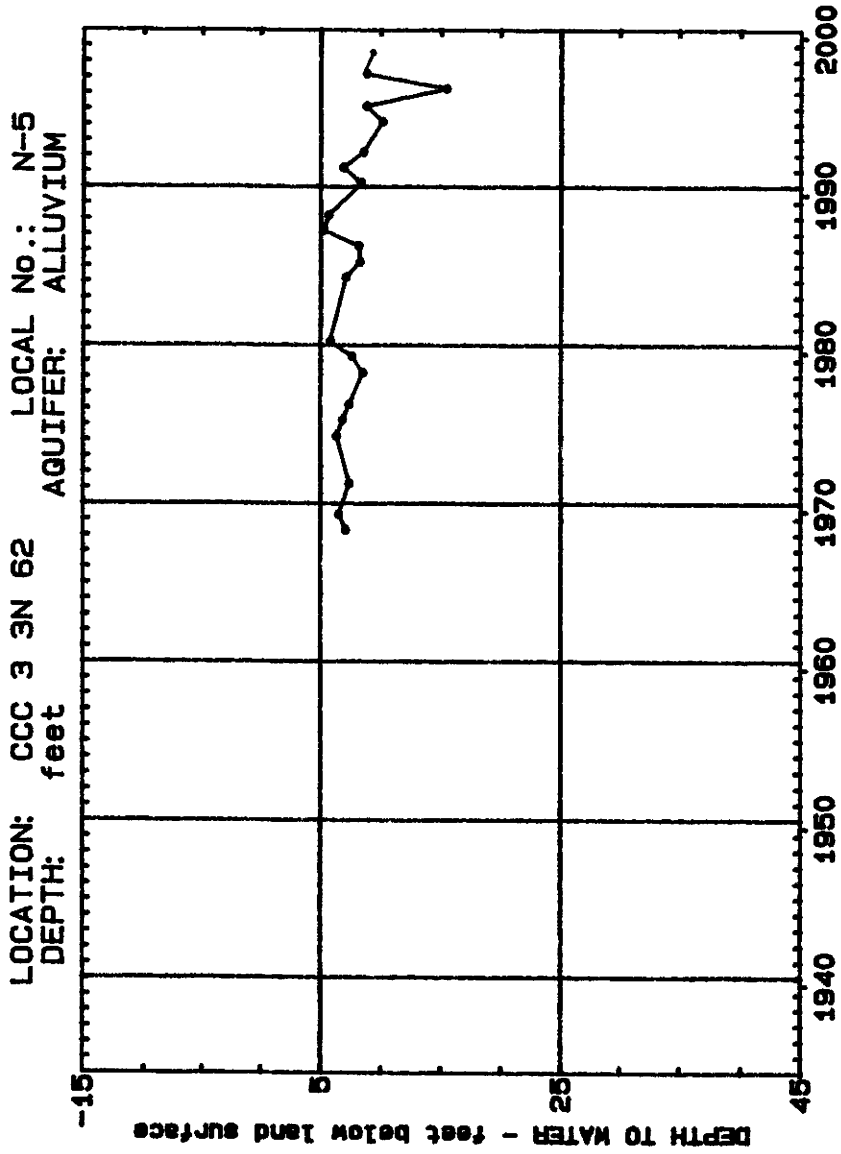


LOCATION: DCD 23 2N 63 LOCAL No.: GS-1
DEPTH: 82 feet AQUIFER: ALLUVIUM

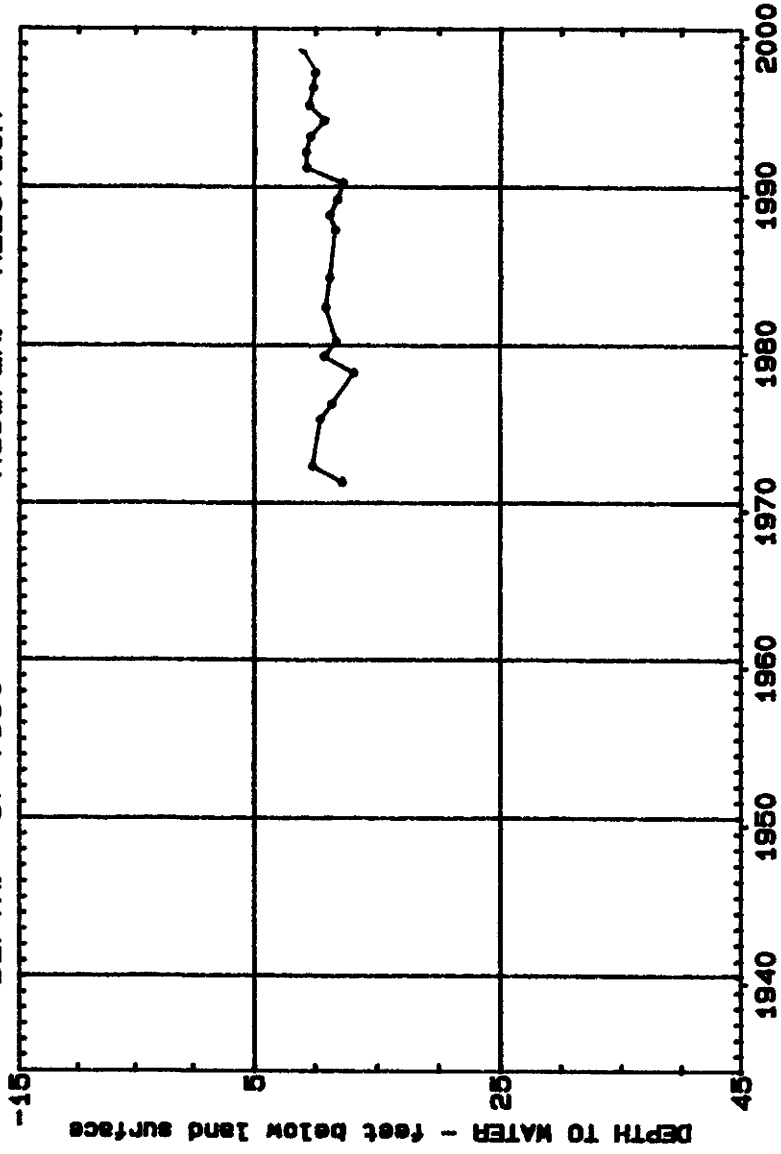


LOCATION: BCB 36 2N 63W LOCAL No.: GS-2
DEPTH: 82 feet AGUIFER: ALLUVIUM

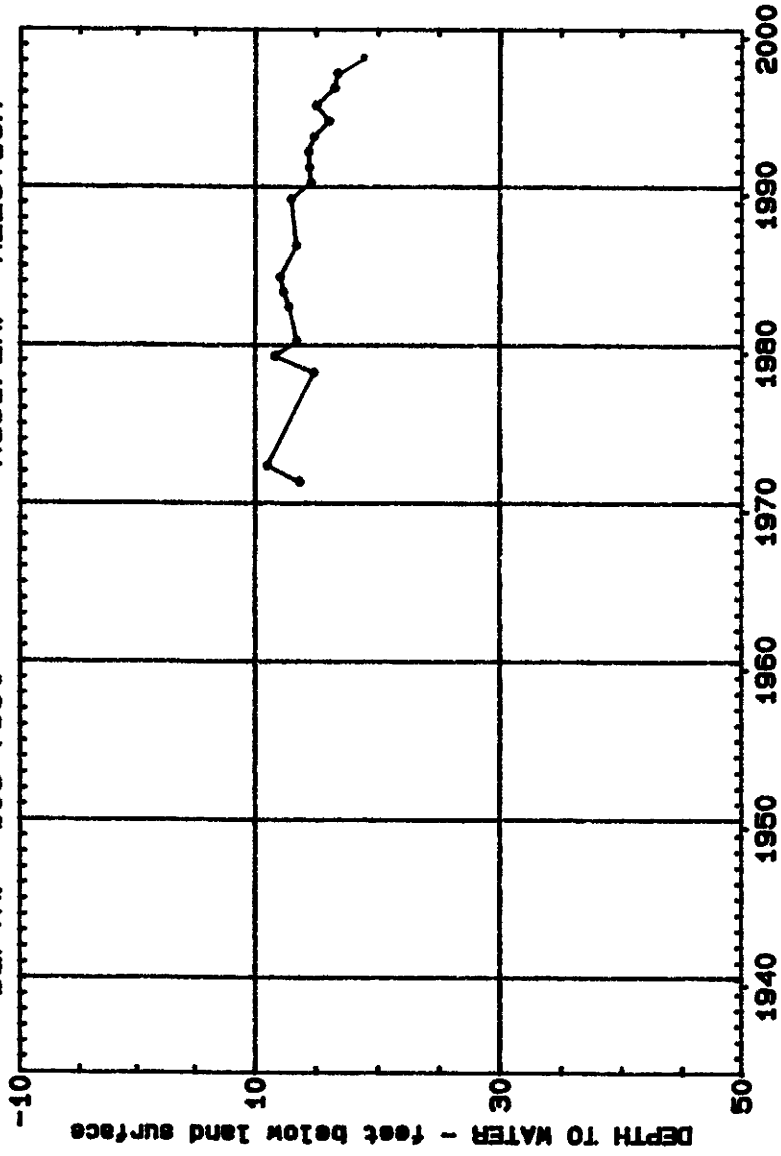


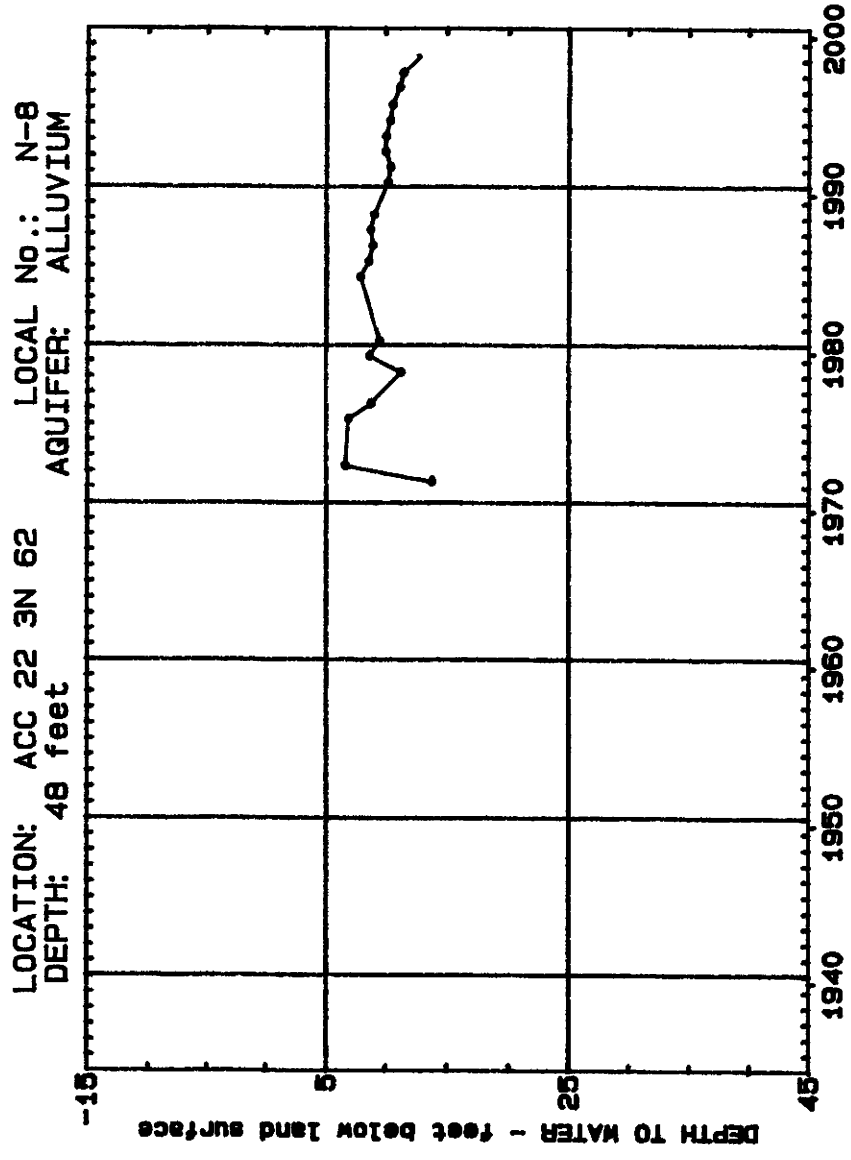


LOCATION: BCA 14 3N 62 LOCAL No.: N-6 12174-F
DEPTH: 87 feet AQUIFER: ALLUVIUM

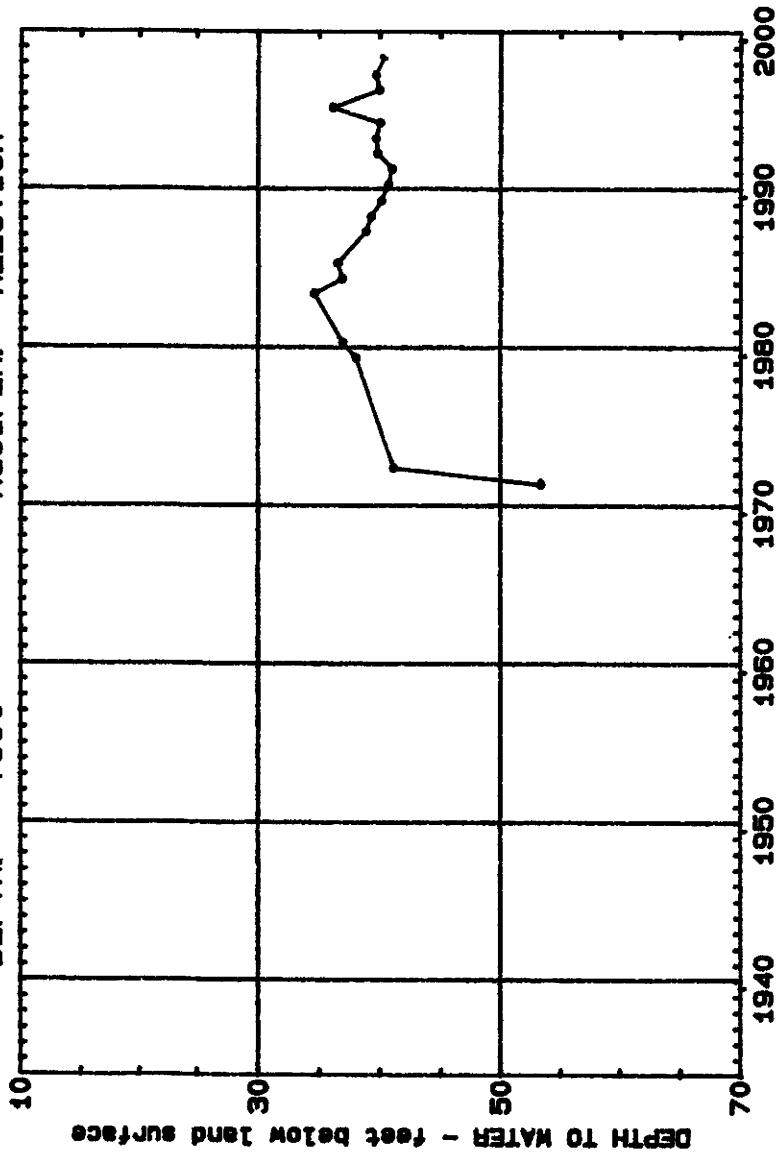


LOCATION: DAD 17 3N 62 LOCAL No.: N-7 12225-F
DEPTH: 109 feet AQUIFER: ALLUVIUM

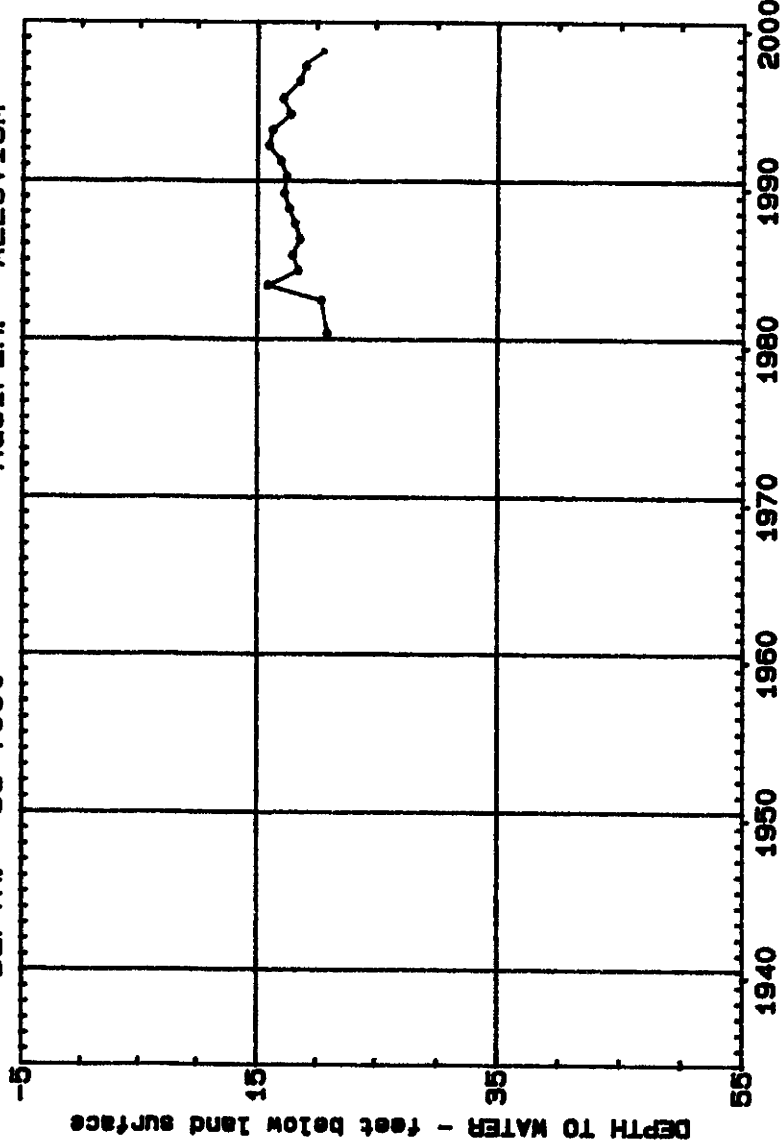




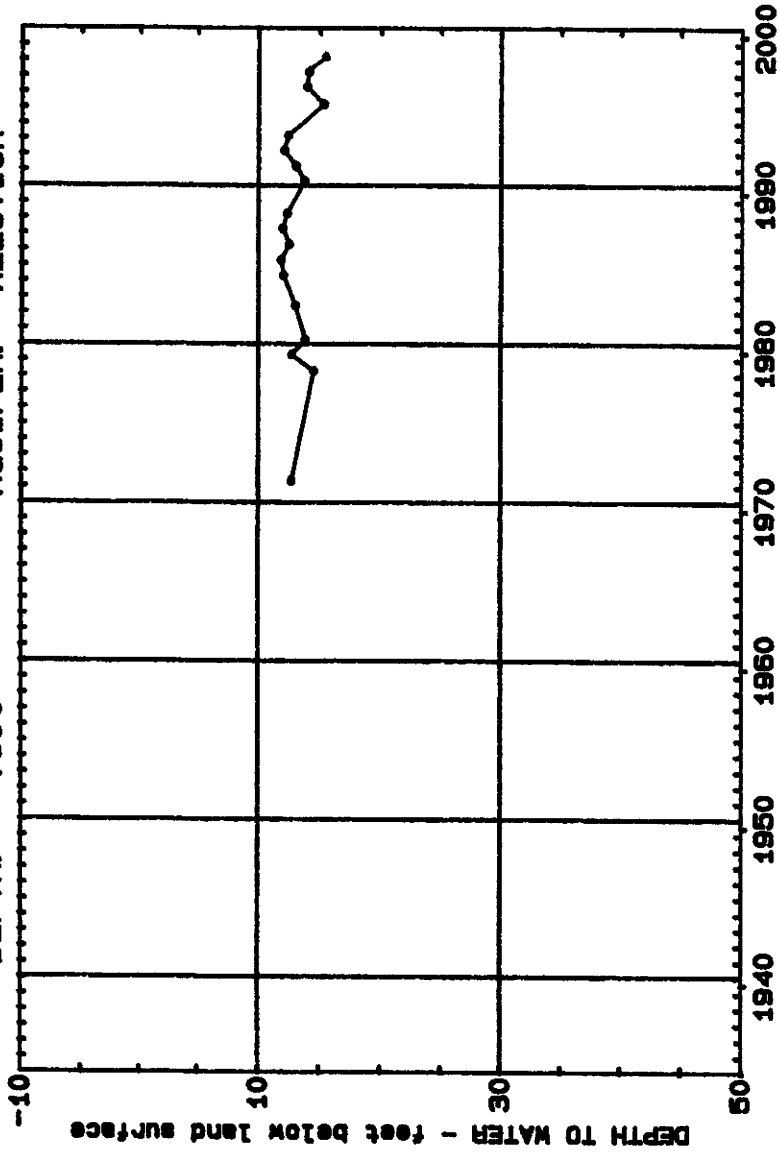
LOCATION: DCD 26 3N 62 LOCAL No.: N-11
DEPTH: feet AQUIFER: ALLUVIUM



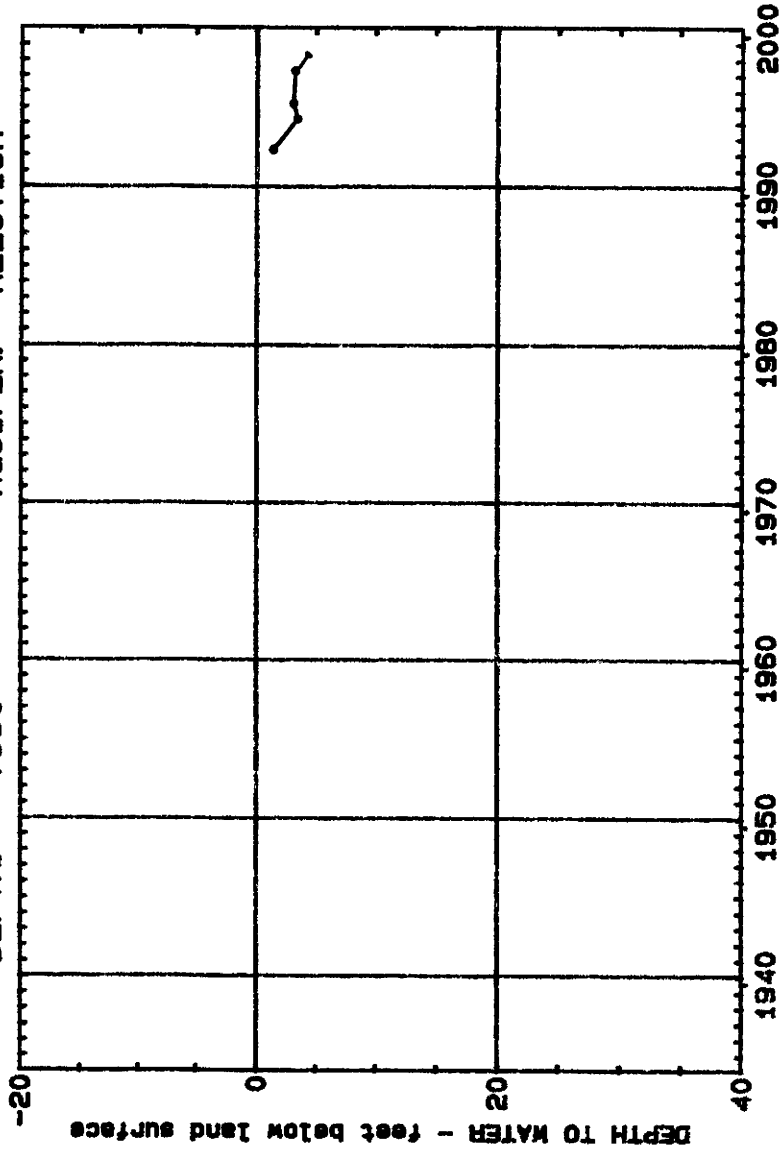
LOCATION: CDD 32 3N 62 LOCAL No.: S-1A 9595-F
DEPTH: 98 feet AQUIFER: ALLUVIUM



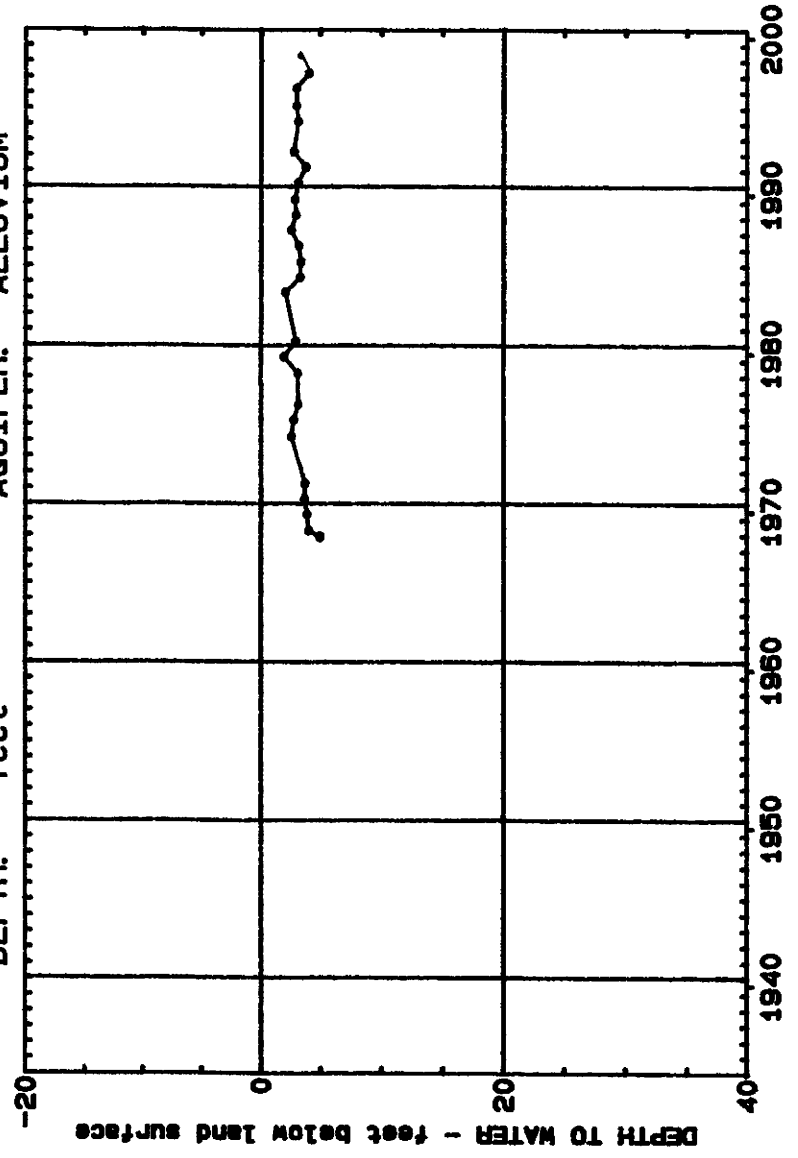
LOCATION: DDD 25 3N 63 LOCAL No.: S-24
DEPTH: feet AQUIFER: ALLUVIUM



LOCATION: ACA 26 3N 63 LOCAL No.: S-26A
DEPTH: feet AQUIFER: ALLUVIUM



LOCATION: BAC 35 4N 62W LOCAL No.: N-1
DEPTH: feet AQUIFER: ALLUVIUM



LOCATION: BBB 10 1S 63W LOCAL No.: GS-6
DEPTH: 180 feet AQUIFER: ALLUVIUM

