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GROUND WATER LEVELS
in the
UPPER BLACK SQUIRREL CREEK
DESIGNATED GROUND WATER BASIN
1994



OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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State Engineer

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Project Manager

This report represents the results of water level measurements of wells in the Upper Black Squirrel Creek Designated Ground Water Basin made during the month of April 1994. This project was done in cooperation with the Upper Black Squirrel 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 sixteen wells were measured and seventeen sites visited. Changes in water level for the alluvial aquifer range from a decline of 2.95 feet in T13S, R62W, Sec. 18, to a rise of 2.6 feet in T13S R63W, Sec. 25. The average for the entire basin is a decline of 0.28 feet as compared to a decline of 0.74 feet during the period 1992-1993. A total change for the five year period of 1989 to 1994 ranges from a decline of 14.25 feet in T14S, R62W, Sec. 6 to a rise of 1.53 feet in T14S, R62W, Sec 16. The average decline for the five years is 4.04 feet or 0.81 feet per year.

Results of the measurements of Denver Basin bedrock wells will be published in the annual report for the bedrock aquifers which will be available in June of this year.

The table of water level measurements included in this report are organized by location. Information presented includes, location, water levels measured prior to the 1988 measurements made by this office, the 1988 through 1994 measurements and changes between 1993/1994 and 1989 to 1994. Also included are copies of well hydrographs for all wells measured in the basin.

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 for a cost of \$ 3.00.

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APRIL 1994

WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1993-94	CHANGE 1989-94	AQUIFER	REMARKS
BS-1	SC01206230BB	T12S	R62W	30	NWNW	25.40 26.33 28.95 29.65 31.09 31.90 32.16 33.35	04/15/87 03/07/88 03/28/89 04/12/90 04/15/91 04/24/92 04/06/93 03/18/94	-1.19	-4.40	ALLUV	
BS-2	SC01206231DC	T12S	R62W	31	SESW	12.80 11.58 0.00 0.00 14.56 15.30 14.55 14.60	04/15/87 03/07/88 / / / / 04/15/91 04/17/92 04/06/93 03/18/94	-0.05		ALLUV	NO ACCESS WELL NOT MEASURE
BS-6	SC01306218BC	T13S	R62W	18	NWSW	87.40 90.56 94.90 97.30 98.20 99.00 100.30 103.25	04/15/87 03/07/88 03/29/89 04/12/90 04/16/91 04/27/92 04/06/93 03/18/94	-2.95	-8.35	ALLUV	
BS-4	SC01306207CD	T13S	R62W	7	SWSE	58.50 60.87 63.70 65.50 66.62 67.55 68.52 69.30	04/15/87 03/07/88 03/29/89 04/12/90 04/16/91 04/24/92 04/06/93 03/18/94	-0.78	-5.60	ALLUV	
BS-15A	SC01306325AA	T13S	R63W	25	NENE	96.40 96.11 98.45 92.50 93.95 104.70 102.40 99.80	04/15/87 03/07/88 03/28/89 04/06/90 04/16/91 04/24/92 04/06/93 03/18/94	2.60	-1.35	ALLUV	
BS-12	SC01406216AC	T14S	R62W	16	NESW	36.20 0.00 40.70 38.71 38.97 39.32 39.77 39.17	04/15/87 / / 03/28/89 04/06/90 04/15/91 04/24/92 04/06/93 03/18/94	0.60	1.53	ALLUV	NO ACCESS WELL NOT MEASURE

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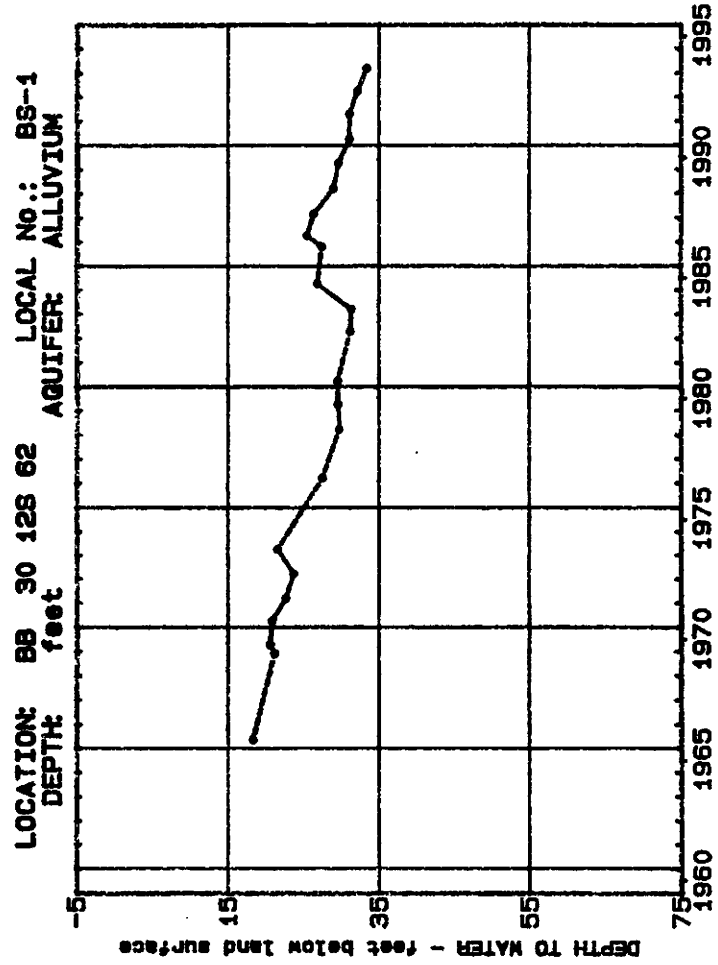
WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1993-94	CHANGE 1989-94	AQUIFER	REMARKS
BS-18	SC01406217AB	T14S	R62W	17	NENW	0.00 / / 0.00 / / 0.00 / / 0.00 / / 78.25 04/15/91 86.05 04/23/92 0.00 04/06/93 82.35 03/18/94				ALLUV	PUMPING--NO MEAS
BS-8	SC01406218CB	T14S	R62W	18	SWNW	101.50 04/15/87 100.76 03/07/88 0.00 / / 102.24 04/06/90 101.00 04/15/91 101.20 04/24/92 101.30 04/06/93 101.20 03/18/94	0.10			ALLUV	PUMPING 3/28/89
BS-13	SC01406221AB	T14S	R62W	21	NENW	36.00 04/15/87 37.02 03/07/88 37.70 03/28/89 37.24 04/06/90 37.40 04/15/91 38.07 04/23/92 38.45 04/06/93 37.87 03/18/94	0.58	-0.17		ALLUV	
BS-14	SC01406221BB	T14S	R62W	21	NWNW	44.20 04/15/87 44.10 03/07/88 44.90 03/28/89 45.03 04/06/90 44.90 04/15/91 45.70 04/23/92 46.30 04/06/93 45.50 03/18/94	0.80	-0.60		ALLUV	REMOVED
BS-15B	SC01406232BB	T14S	R62W	32	NWNW	64.50 04/15/87 0.00 / / 0.00 / / 68.20 04/06/90 69.75 04/15/91 71.40 04/23/92 0.00 04/06/93 71.35 03/18/94				ALLUV	NO MEASUREMENT I NO MEASUREMENT I WELL PUMPING--NO
BS-7	SC01406206DC	T14S	R62W	6	SESW	72.40 04/15/87 71.68 03/07/88 73.80 03/28/89 76.25 04/12/90 80.30 04/16/91 84.00 04/24/92 85.70 04/06/93 88.05 03/18/94	-2.35	-14.25		ALLUV	

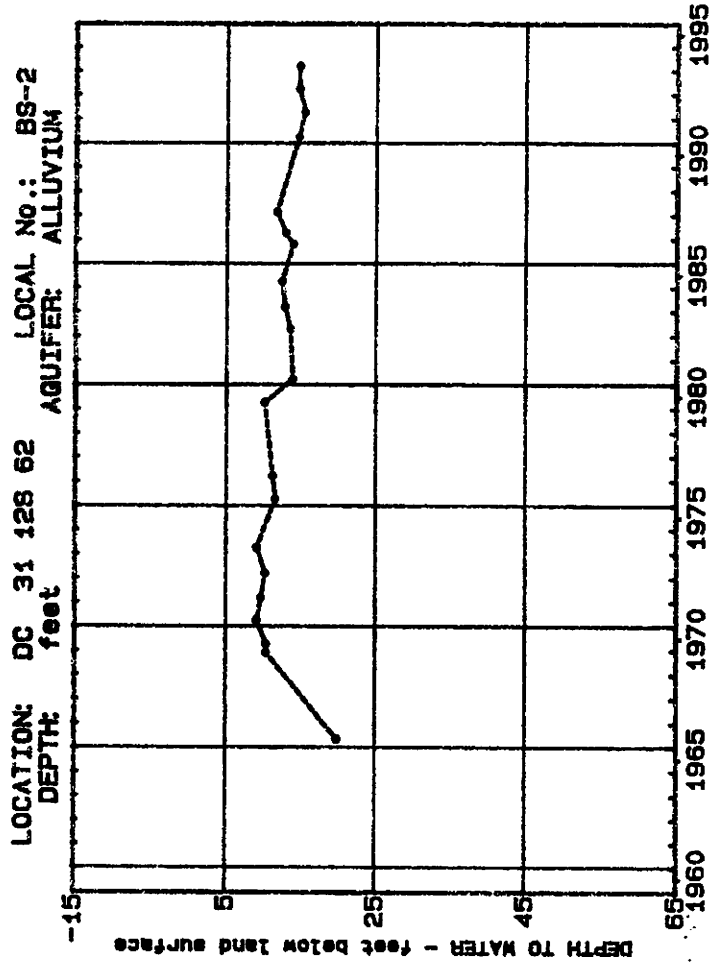
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WELL ID	WELL NUMBER	TWNS	RNG	SECTION	QUARTER	WATER LEVEL (feet) BLS	DATE	CHANGE 1993-94	CHANGE 1989-94	AQUIFER	REMARKS
BS-10	SC01406208AB	T14S	R62W	8	NENW	71.80	04/15/87	0.35	-3.96	ALLUV	
						75.18	03/07/88				
						76.09	03/28/89				
						76.60	04/12/90				
						77.33	04/16/91				
						78.45	04/24/92				
						80.40	04/06/93				
80.05	03/18/94										
BS-10A	SC01406208DA	T14S	R62W	8	SENE	69.55	04/15/87	-1.88	-5.28	ALLUV	
						73.28	03/07/88				
						74.65	03/28/89				
						75.30	04/12/90				
						75.95	04/16/91				
						76.80	04/24/92				
						78.05	04/06/93				
79.93	03/18/94										
BS-10B	SC01406208AC	T14S	R62W	8	NESW	70.00	04/15/87	-1.59	-4.15	ALLUV	
						73.27	03/07/88				
						75.35	03/28/89				
						75.15	04/12/90				
						75.77	04/16/91				
						77.50	04/24/92				
						77.91	04/06/93				
79.50	03/18/94										
BS-16	SC01506324AD	T15S	R63W	24	NESE	26.10	04/15/87			ALLUV	
						26.38	03/07/88				
						27.57	03/28/89				
						28.89	04/06/90				
						31.59	04/15/91				
						32.14	04/23/92				
						34.56	04/06/93				
0.00	/ /										
BS-17	SC01506324AD	T15S	R63W	24	NESE	26.10	04/15/87	1.78	-6.25	ALLUV	
						25.77	03/07/88				
						28.20	03/28/89				
						30.19	04/06/90				
						30.19	04/15/91				
						33.77	04/23/92				
						36.23	04/06/93				
34.45	03/18/94										

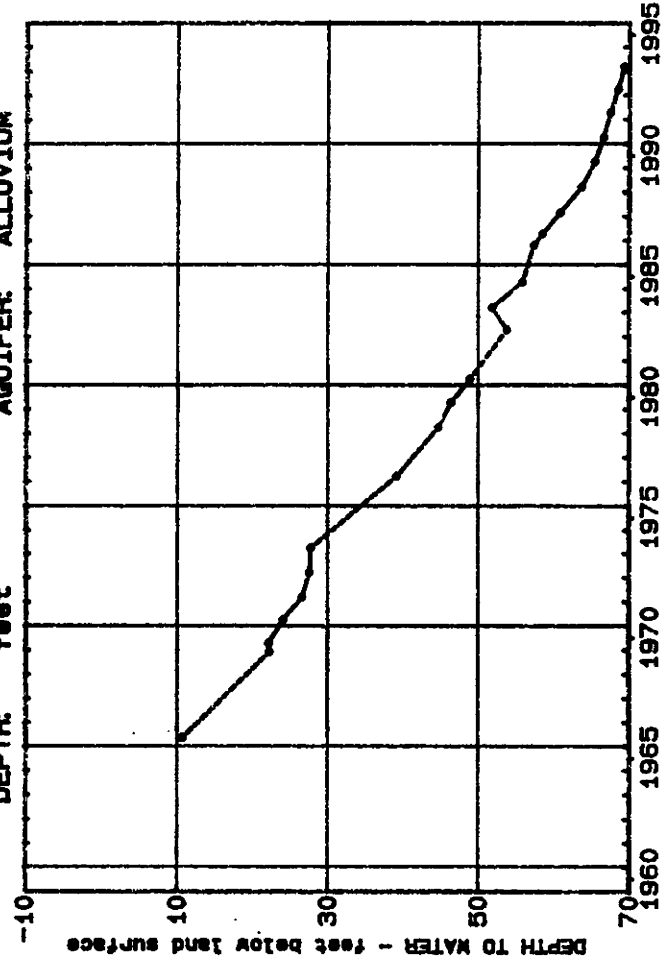
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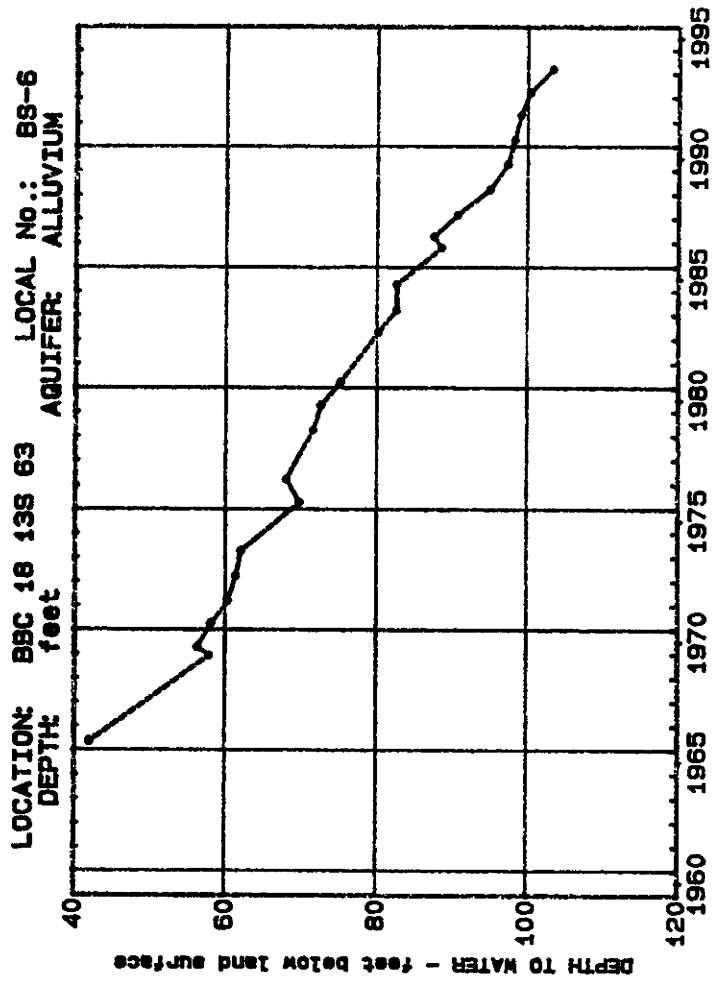
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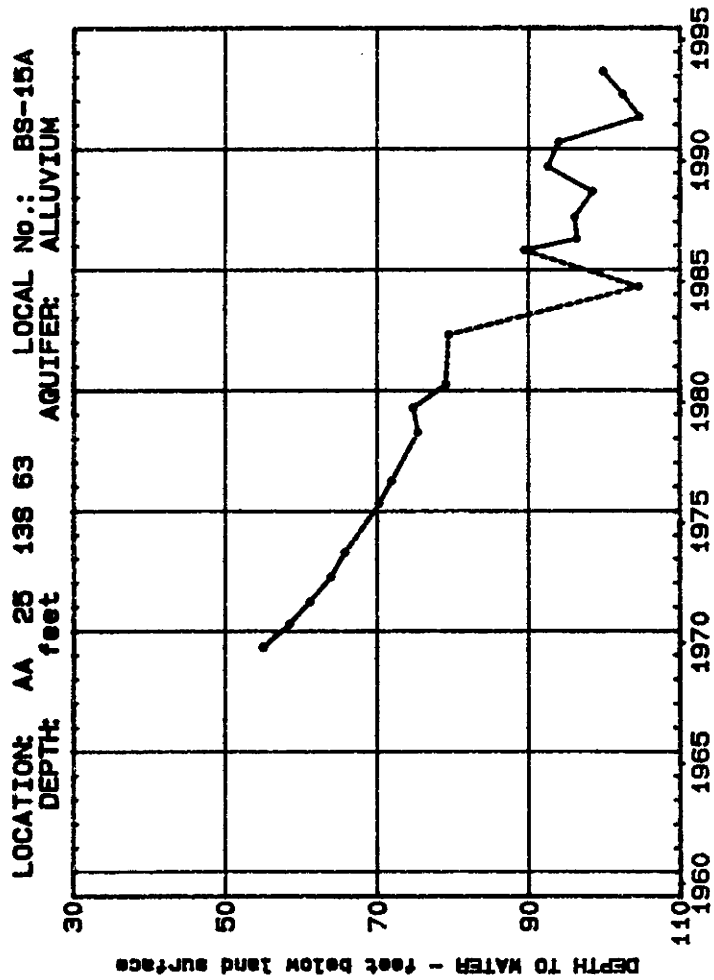




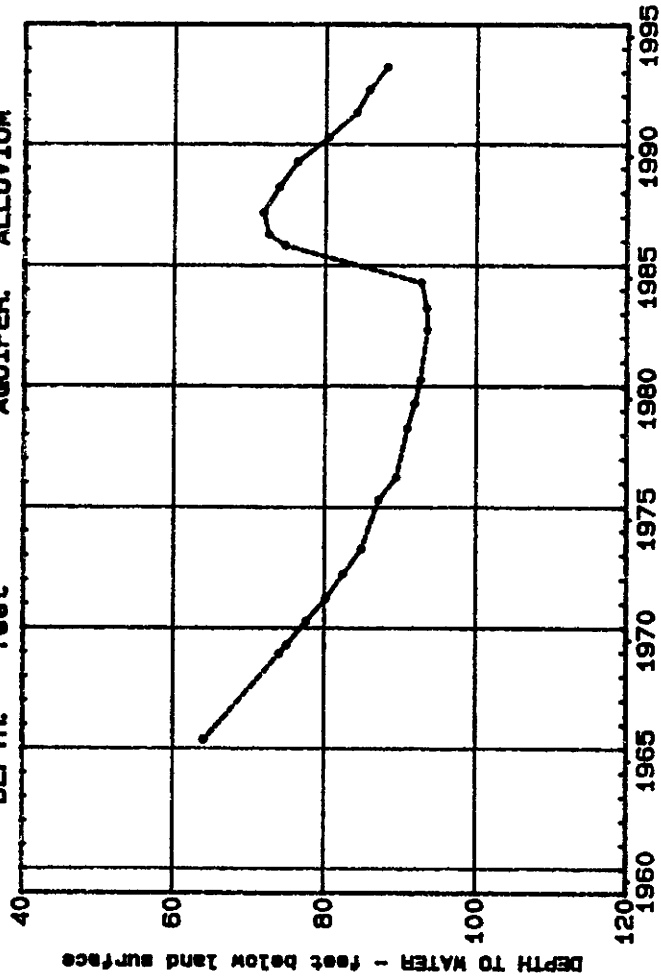
LOCATION: CD 07 138 62 LOCAL No.: BS-4
DEPTH: feet AQUIFER: ALLUVIUM

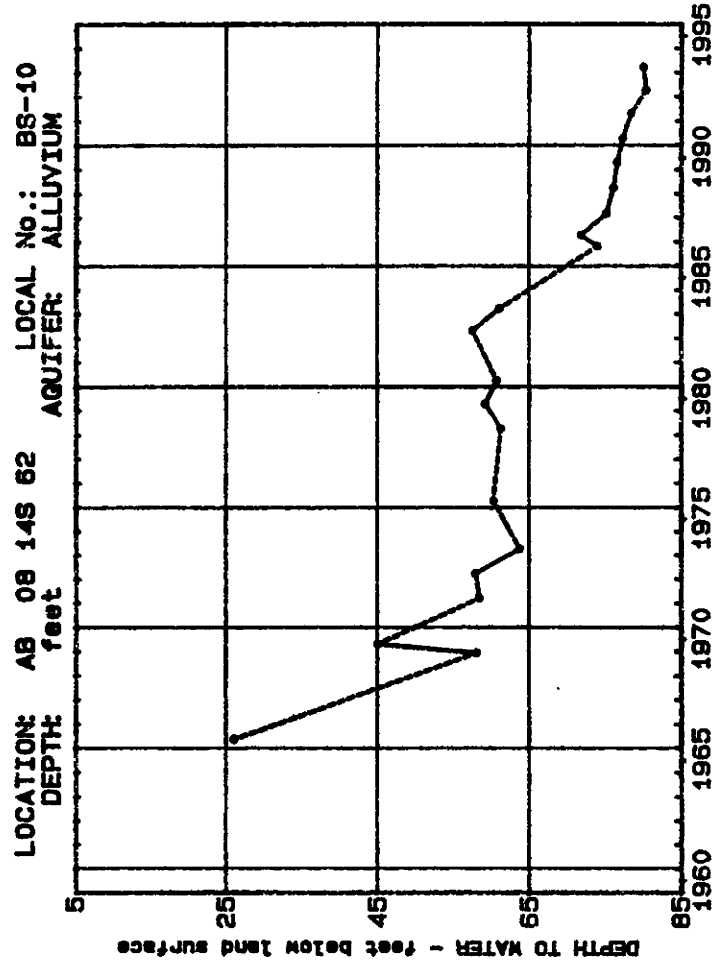




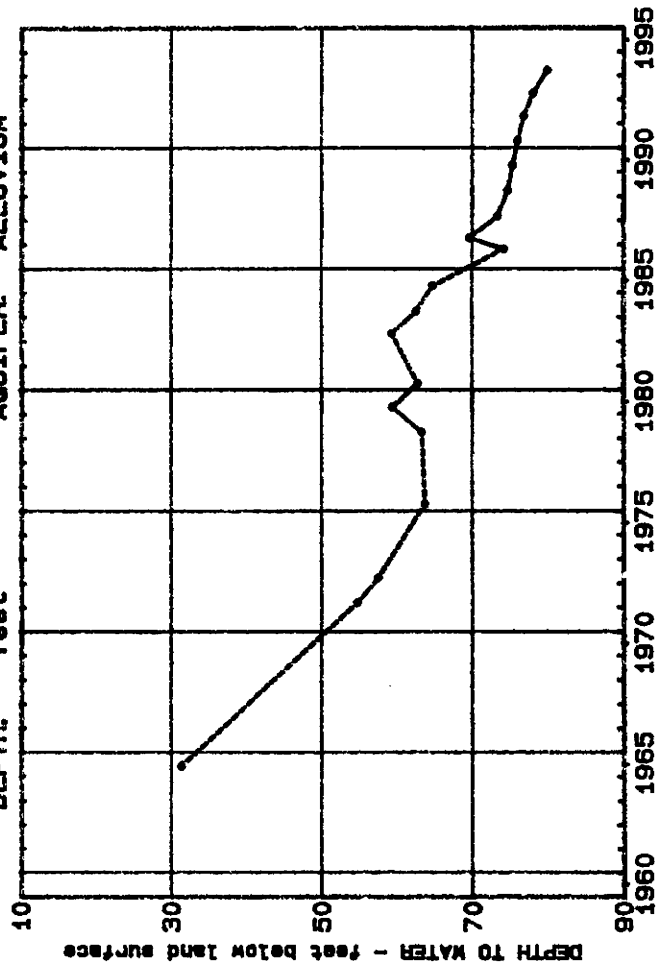


LOCATION: DC 08 14S 62 LOCAL No.: BS-7
DEPTH: feet AGQUIFER: ALLUVIUM

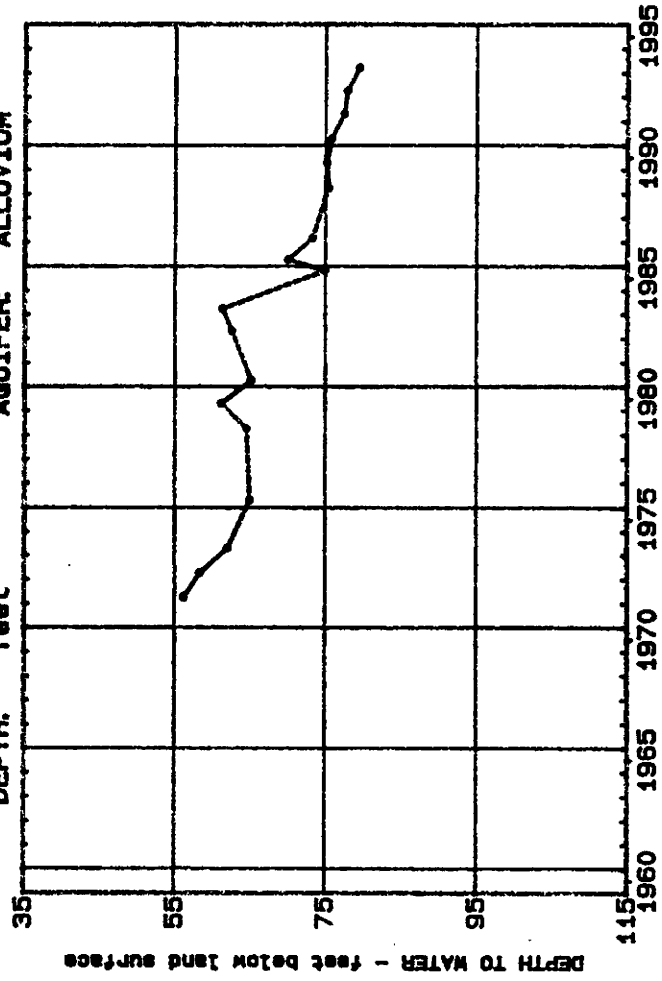


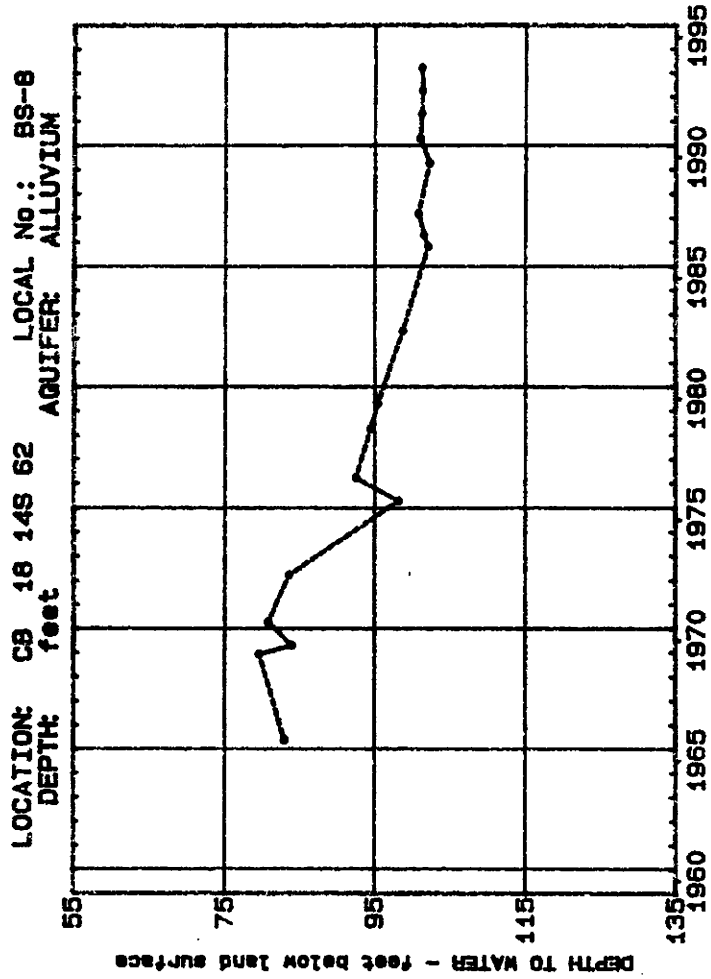


LOCATION: DA 08 148 62 LOCAL No.: BS-10A
DEPTH: feet AGUIFER: ALLUVIUM

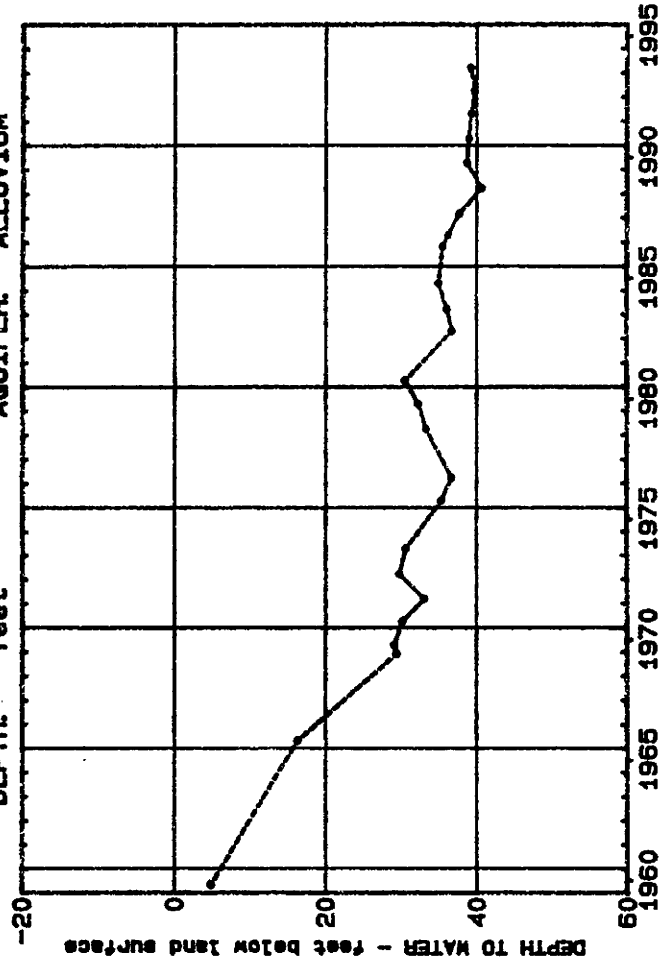


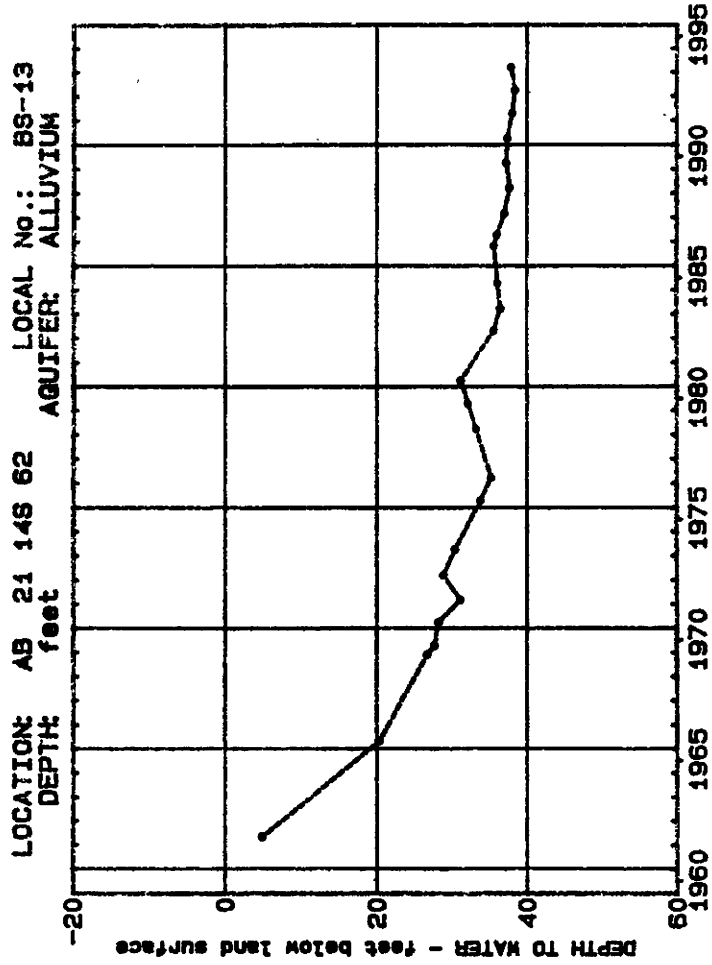
LOCATION: AC 08 14S 62 LOCAL No.: BS-10B
DEPTH: feet AGQUIFER: ALLUVIUM





LOCATION: AC 16 14S 62 LOCAL No.: BS-12
DEPTH: feet AGUIFER: ALLUVIUM





LOCATION: BB 21 14S 62 LOCAL No.: BS-14
DEPTH: feet AQUIFER: ALLUVIUM

