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**WATER LEVELS IN THE ALLUVIAL AQUIFERS
OF THE LOWER
SOUTH PLATTE RIVER BASIN, COLORADO**



by

JOHN C. ROMERO

AUGUST 1991

**OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES**

Roy Romer
Governor



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State Engineer

**WATER LEVELS IN THE ALLUVIAL AQUIFERS
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1991

By John C. Romero

The purpose of this report is to provide measurements of depth to water in 69 wells within the Lower South Platte River Basin for the spring of 1991. The data presented in this report is a result of cooperation between local well owners and the Central Colorado Water Conservancy District. Funding for this project is 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.

The table in this report includes data on up to seven water level measurements, including the measurement at the time of well construction and water level change data for three time periods. The measurements are expressed in feet below land surface and were made with either an electric sounder or a steel tape by irrigation Division 1 water commissioners (DWR) and the Central Colorado Water Conservancy District (CCWCD). All of the monitoring wells are completed in unconsolidated gravel, sand, silt, and clay of predominantly alluvial origin.

A cursory evaluation of the data reveals that since their construction, approximately 67 percent of the wells have experienced a water level decline, and 33 percent have experienced a water level rise. The declines, however, have been generally quite low, ranging from 0.005 feet per year to 1.1 feet per year. Declines less than 0.01 feet, for example, can be insignificant since such changes can be caused by wind, earth movement, and the effect of evapotranspiration and phreatic consumption, and may even be a result of erroneous data recording. Water level rises are in the same general scale as the declines, 0.08 feet/per year to 0.3 feet per year.

JCR/clf:alluvial

WATER LEVELS IN THE ALLUVIAL AQUIFERS
OF THE
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1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV LAND SURF	WATER LEVEL	DATE	MEAS BY	REMARKS	CHANGE FALL89 TO FALL90	CHANGE FIRST PREWL TO SPR 91	CHANGE SPR90 TO SPR91
T01N	R55W	31	SWSESW	Uhlenhopp,S.& R.	11802 R	Gal	4465	28.80 33.60 36.00 34.70 34.70 37.80 33.70	04/17/42 03/21/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		-3.10	-4.90	1.00
T01N	R62W	13	SESENE	Roark,C.M.	4874 F	Gal	4821	20.90 45.10 44.00 43.80 42.70 0.00 38.15	03/11/42 03/21/88 03/21/89 12/17/89 03/14/90 / / 03/12/91	DWR			-17.20	4.55
T01N	R63W	02	SWSWSW	U.S.G.S. Obs. Well	0	Qoa	4842	62.00 47.40 49.60 53.20 51.40 58.20 53.95	03/29/62 03/22/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		-5.00	8.05	-2.55
T01N	R63W	34	NWNWNW	Blood,C.	14860 R	Qoa	4963	109.00 97.20 98.20 100.00 99.80 100.06 98.69	03/09/60 03/22/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		-0.06	10.31	1.11
T01N	R65W	01	SWSWSE	Taoka Bros.	11709 F	Qoav	4959	30.00 0.00 8.80 9.04 8.90 9.88 15.65	11/30/37 / / 04/20/89 10/13/89 04/10/90 10/17/90 04/18/91	CCWC Well E9		-0.84	14.35	-6.75
T01N	R65W	25	SESWSW	Hoffner,F.	11875 F	Qoa	5045	34.60 36.20 42.40 50.50 40.20 41.75 39.20	05/08/41 03/22/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		8.75	-4.60	1.00

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TWN	RNG	SEC	BTR	OWNER	PERMIT	AQUIFER	ELEV LAND SURF	WATER LEVEL	DATE	MEAS BY	REMARKS	CHANGE FALL89 TO FALL90	CHANGE FIRST PREWL TO SPR 91	CHANGE SPR90 TO SPR91
T01N	R66W	30	NESWNE	Saski,T.	18769 R	Qt	4951	18.40	03/27/89	DWR		1.75	-1.85	0.25
								20.30	03/24/88					
								20.10	03/24/89					
								17.55	10/30/89					
								20.50	03/20/90					
								15.80	11/12/90					
20.25	03/13/91													
T02N	R56W	13	NWSWE	Peterson,C.	8822 F	Qoa	4320	32.10	04/04/62	DWR		0.65	-7.50	2.10
								41.60	03/21/88					
								41.70	03/21/89					
								42.50	12/17/89					
								41.70	03/14/90					
								41.85	10/25/90					
39.60	03/12/91													
T02N	R61W	11	SWSWSW	Calvert,R.	8309 R	Gal	4670	23.40	03/30/62	DWR		-1.80	-19.40	2.15
								40.40	03/22/88					
								42.20	03/21/89					
								43.00	12/17/89					
								44.90	03/14/90					
								44.80	10/25/90					
42.75	03/12/91													
T02N	R63W	01	NWSWE	Sargent,B.	13963 R	Qoa	4715	13.20	03/29/62	DWR		-1.50	-5.80	1.75
								20.00	03/22/88					
								20.00	03/21/89					
								21.10	12/17/89					
								20.75	03/14/90					
								23.00	10/25/90					
19.00	03/12/91													
T02N	R65W	04	NWNWSW	Hill,D	5 R	Qoav	4880	50.00	04/01/49	CCWC	Well D1	-2.39	7.45	-3.07
								0.00	/ /					
								39.30	03/29/89					
								40.27	10/19/89					
								39.48	03/27/90					
								42.66	10/17/90					
42.55	04/10/91													
T02N	R65W	32	NWNENE	Kerbs,E.	12683 R	Qoav	4920	30.60	04/30/64	DWR		-1.50	-0.38	-1.08
								25.60	03/24/88					
								27.00	03/24/89					
								35.00	09/22/89					
								29.90	03/20/90					
								36.50	11/12/90					
30.98	03/13/91													

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1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV LAND SURF	WATER LEVEL	DATE	MEAS BY	REMARKS	CHANGE FALL89 TO FALL90	CHANGE FIRST PREWL TO SPR 91	CHANGE SPR90 TO SPR91
T02N	R65W	32	NENWNE	Bergston,R.	12683 R	Goav	4920	38.00 0.00 27.00 38.13 32.65 32.65 34.25	06/01/35 / / 03/23/89 10/19/89 03/27/90 10/17/90 04/10/91	CCWC	Well D2	5.48	3.75	-1.60
T02N	R66W	07	NESESE	Brandenburg,C.W.	4490 R	Qt	4860	14.70 15.10 15.00 11.00 15.43 11.38 15.05	03/19/63 03/24/88 03/24/89 10/30/89 03/20/90 11/12/90 03/13/91	DWR		-0.38	-0.35	0.38
T02N	R66W	31	SESWE	Sakata, B.	6818 R	Qt	4894	17.00 0.00 21.60 17.99 19.65 19.57 20.05	05/01/35 / / 04/06/89 10/13/89 03/26/90 10/09/90 04/01/91	CCWC	Well F4	-1.58	-3.05	-0.40
T03N	R58W	11	SWSWSW	Shepard,D.	6256 R	Goa	4365	53.20 59.40 60.70 62.10 61.12 62.10 59.70	05/27/41 03/21/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		0.00	-6.50	1.42
T03N	R60W	22	SWSWSW	Holden,B.A.	4422 R	Gal	4568	48.40 103.00 104.40 0.00 0.00 0.00 106.60	04/11/38 03/22/88 03/21/89 / / / / / / 03/12/91	DWR			-58.20	
T03N	R64W	08	SESWSW	L.D.S. Farms	0	Goa	4743	19.60 17.30 18.20 20.50 19.80 23.30 17.95	03/20/64 03/21/88 03/31/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		-2.80	1.55	1.85

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TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV LAND SURF	WATER LEVEL	DATE	MEAS BY	REMARKS	CHANGE FALL89 TO FALL90	CHANGE FIRST PREWL TO SPR 91	CHANGE SPR90 TO SPR91
T03N	R65W	22	SESWW	Frank, Wm.	0	Gal	4810	4.60	03/28/82	DWR		-3.14	-3.55	-1.26
								6.70	03/24/88					
								7.00	03/24/89					
								13.75	10/30/89					
								6.89	03/27/90					
								16.89	10/17/90					
8.15	03/13/91													
T03N	R66W	18	SWNESW	Boulter, Wm.	0	Gt	4805	0.00	/ /	CCWC		-0.01		-0.68
								0.00	/ /	Well F5				
								23.00	05/11/89					
								21.51	10/16/89					
								22.20	03/26/90					
								21.52	10/10/90					
22.88	04/01/91													
T03N	R66W	18	SWNESW	Boulter, W.	0	Gt	4805	0.00	/ /	CCWC		-0.34		-0.61
								0.00	/ /	Well F6				
								23.30	05/11/89					
								21.43	10/16/89					
								22.64	03/26/90					
								21.77	10/10/90					
23.25	04/01/91													
T04N	R55W	09	SWSWSE	Schooley, R.	0	Gal	4175	11.10	04/23/80	DWR		2.00	-15.70	2.80
								26.70	03/18/88					
								29.20	03/21/89					
								29.80	12/17/89					
								29.60	03/14/90					
								27.80	10/25/90					
26.80	03/12/91													
T04N	R59W	31	SESENE	Frank, E.	13994 F	Boav	4505	97.00	04/28/45	CCWC		-0.60	-14.70	-0.51
								0.00	/ /	Well A1				
								111.20	04/11/89					
								113.30	10/16/89					
								111.14	04/10/90					
								113.90	10/22/90					
111.65	04/01/91													
T04N	R61W	28	NESWNE	Eqqus Farms	0	Gal	4480	30.30	03/02/48	DWR		-4.35		1.10
								34.00	03/21/88					
								35.30	03/21/89					
								0.00	/ /					
								35.75	03/14/90					
								29.35	10/25/90					
34.65	03/12/91													

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1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV LAND SURF	WATER LEVEL	DATE	MEAS BY	REMARKS	CHANGE FALL89 TO FALL90	CHANGE FIRST PREWL TO SPR 91	CHANGE SPR70 TO SPR91
T04N	R63W	13	SWNE	USGS	0	Gal	4510	5.60 4.60 6.90 7.00 6.20 6.90 3.65	03/21/67 03/22/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		0.10	1.95	2.55
T04N	R64W	01	SWSW	Amigo Farms	6230	R	Goav	4615	18.00 0.00 8.40 10.04 9.08 9.25 12.60	01/01/46 / / 03/30/89 10/20/89 03/27/90 10/18/90 04/17/91	CCWC Well E2	0.79	5.40	-3.62
T04N	R64W	10	SESE	Dwyer, T.E.	13072	R	Goav	4637	22.56 0.00 0.00 0.00 0.00 0.00 10.75	06/13/57 / / / / / / / / / / 03/12/91	DWR		11.81	
T04N	R64W	12	SWSW	Watkins Trust	12912	R	Goav	4635	21.00 0.00 17.50 16.97 16.67 18.50 18.70	05/23/77 / / 03/30/89 10/20/89 03/27/90 10/18/90 04/17/91	CCWC Well E4	-1.53	2.30	-2.03
T04N	R64W	22	SESE	Herbst, E.	0	Goav	4668	0.00 0.00 9.90 8.01 9.40 9.05 10.48	/ / / / 03/30/89 10/20/89 03/27/90 10/18/90 04/17/91	CCWC Well E5	-1.04		-1.38	
T04N	R64W	34	SWSE	Haddix, E. and H.	0	Goav	4695	0.00 0.00 14.10 15.37 13.72 16.10 15.10	/ / / / 03/30/89 10/20/89 03/27/90 10/18/90 04/17/91	CCWC Well E6	-0.73		-1.38	

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1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV	WATER	DATE	MEAS	REMARKS	CHANGE	CHANGE	CHANGE
							LAND	LEVEL		BY		FALL89	FIRST	SPR90
							SURF					TO	PREVL TO	TO
												FALL90	SPR 91	SPR91
T04N	R64W	34	SWSENE	Haddix, E. and H.	2177 F	Grav	4691	24.00	06/02/59	CCWC		0.10	7.97	
								0.00	/ /		Well E12			
								14.70	03/30/89					
								17.10	10/20/89					
								0.00	/ /					
								17.00	10/18/90					
								16.03	04/17/91					
T04N	R65W	06	SENESE	Goodner, G.I.	651 R	Gt	4685	15.00	06/01/45	CCWC		0.85		
								0.00	/ /		Well C1			
								16.50	03/29/89					
								12.60	10/16/89					
								17.50	03/26/90					
								11.75	10/10/90					
								0.00	/ /					
T04N	R65W	18	NENESE	Root, S.	14189	Gt	4710	0.00	/ /	CCWC		0.51		-1.90
								0.00	/ /		Well C2			
								9.20	03/29/89					
								6.64	10/16/89					
								7.88	03/26/90					
								6.13	10/10/90					
								9.78	04/09/91					
T04N	R66W	01	SENWNE	Reeves, R.	0	Gt	4700	0.00	/ /	CCWC				
								0.00	/ /					
								20.80	05/12/89					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
T04N	R66W	09	SWSESW	Monfort Feed Lots	12010 R	Gt	4735	25.30	04/28/47	DWR		1.25	-4.85	2.55
								32.20	03/16/88					
								33.00	03/11/89					
								32.00	10/15/89					
								32.70	03/12/90					
								30.75	10/22/90					
								30.15	03/05/91					
T04N	R66W	14	NENENW	Ewing, W.H.	12040 R	Grav	4725	16.00	04/01/51	CCWC		0.65	-12.60	-0.27
								0.00	/ /		Well C3			
								28.70	03/29/89					
								27.69	10/16/89					
								28.33	03/26/90					
								27.04	10/10/90					
								28.60	04/09/91					

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1991

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T04N	R66W	27	SESENE	Lorenz, J.O.	0	Goav	4755	0.00 0.00 6.90 5.98 5.48 5.67 0.00	/ / / / 03/29/89 10/16/89 03/26/90 10/10/90 / /	CCWC Well C4		0.21		
T05N	R59W	34	NENESW	Williams, G.	0	Gal	4360	14.10 15.10 17.20 15.00 17.25 13.40 14.40	03/02/48 03/21/88 03/21/89 12/17/89 03/14/90 10/25/90 03/12/91	DWR		1.60	-0.30	2.85
T05N	R65W	14		Lorenz Farms	0	Goav	4612	0.00 0.00 4.90 0.00 3.05 0.00 0.00	/ / / / 03/29/89 / / 03/27/90 / / / /	Well B4				
T06N	R63W	29	NWNWNW	Wells, J.	12768 R	Goav	4655	11.30 9.60 11.80 10.80 12.40 11.40 11.18	03/21/62 03/16/88 03/11/89 10/15/89 03/12/90 10/22/90 03/05/91	DWR		-0.60	0.12	1.22
T06N	R65W	17	SWNWNW	Farr, H.W.	13423 R	Goa	4763	25.20 23.60 27.00 22.90 25.80 26.50 24.70	04/21/36 03/16/88 03/11/89 10/15/89 03/12/90 10/22/90 03/05/91	DWR		-3.60	0.50	1.10
T06N	R67W	12	NWNWNW	Felte, F.	11267 RF	Goav	4850	9.70 8.40 9.40 13.10 10.50 9.75 8.45	03/24/42 03/16/88 03/11/89 10/15/89 03/12/90 10/22/90 03/05/91	DWR		3.35	1.25	2.35

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							LAND	LEVEL		BY		FALL89	FIRST	SPR90
							SURF					TO	PREWL TO	TO
												FALL90	SPR 91	SPR91
T08N	R65W	29	NENWNW	Pettit,L.	9127 F	Gal	4983	8.40	03/07/76	DWR		1.65	-0.90	1.90
								8.40	03/16/88					
								9.60	03/11/89					
								10.40	10/15/89					
								11.20	03/12/90					
								8.75	10/22/90					
								9.30	03/05/91					
T08N	R66W	01	NWNENW		0	Goa	5123	20.10	05/22/57	DWR		-0.30	-3.60	0.90
								21.90	03/16/88					
								23.80	03/11/89					
								24.70	10/15/89					
								24.60	03/12/90					
								25.00	10/22/90					
								23.70	03/05/91					
T08N	R66W	22	NENENE	Jones,T.	11303 R	Goa	5070	20.20	04/13/51	DWR		-0.45	-0.20	0.90
								16.50	03/16/88					
								20.00	03/11/89					
								20.90	10/15/89					
								21.20	03/12/90					
								21.35	10/22/90					
								20.40	03/05/91					
T09N	R51W	10	SWSWSW	Stieb Bros. Inc.	5316 F	Gal	3830	8.00	03/01/64	DWR			-1.45	
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								9.45	03/28/91					
T09N	R51W	31	NWNWNW	MacNiel, N.	9322 F	Gal	3865	4.50	03/18/48	DWR		-1.00	-1.32	1.98
								5.70	03/18/88					
								7.20	03/30/89					
								6.00	11/14/89					
								7.80	04/02/90					
								7.00	10/31/90					
								5.82	03/29/91					
T10N	R49W	02	SWNWSW	Longman,M.& E.	11125 R	Gal	3711	7.00	03/07/60	DWR		0.75	0.67	0.37
								6.00	01/18/88					
								7.00	03/30/89					
								8.00	11/14/89					
								6.70	04/02/90					
								7.25	10/31/90					
								6.33	03/28/91					

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1991

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							LAND	LEVEL		BY		FALL89	FIRST	SPR90
							SURF					TO	PREVL TO	TO
												FALL90	SPR 91	SPR91
T11N	R45W	05	NENWNW	Hilderman,F.G.	8325 R	Gal	3540	15.50	03/22/89	DWR		0.05	-1.53	0.97
								16.00	03/18/88					
								17.40	03/31/89					
								17.80	10/31/89					
								18.00	04/02/90					
								17.75	10/31/90					
								17.03	03/28/91					
T11N	R45W	06	NWNESE	Williamson,L.	2087 F	Gal	3542	20.00	05/04/89	DWR		-0.30	0.75	1.20
								18.70	03/18/88					
								19.96	03/31/89					
								19.90	11/14/89					
								20.45	04/02/90					
								20.20	10/31/90					
								19.25	03/28/91					
T11N	R47W	28	NWNNW	Davidson,W.C.	7034 R	Gal	3624	3.70	03/02/89	DWR		1.95	-0.20	2.10
								3.30	03/18/88					
								5.20	03/31/89					
								7.45	11/14/89					
								6.00	04/02/90					
								5.50	10/31/90					
								3.90	03/28/91					
T12N	R44W	22	SWNESE	USGS Obs.Well	0	Gal	3450	9.20	03/20/88	DWR		0.10	-0.51	-1.51
								9.30	03/18/88					
								7.80	03/31/89					
								8.05	11/14/89					
								8.20	03/22/90					
								7.95	10/31/90					
								9.71	03/28/91					
T12N	R44W	26	NESESW	Tranel,L.	2574 F	Gal	3455	0.00	/ /	DWR		-0.95		0.50
								26.70	03/18/88					
								27.40	03/31/89					
								28.40	11/14/89					
								27.20	03/22/90					
								29.35	10/31/90					
								26.70	03/29/91					
T01S	R66W	11	SWSESE	Wenzel	0	Boav	5050	0.00	/ /	CCWC		3.24		0.72
								0.00	/ /	Well D4				
								13.40	04/20/89					
								16.59	10/16/89					
								14.42	04/12/90					
								13.35	10/17/90					
								13.70	04/10/91					

WATER LEVELS IN THE ALLUVIAL AQUIFERS
OF THE
LOWER SOUTH PLATTE RIVER BASIN, CO
1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV	WATER	DATE	MEAS	REMARKS	CHANGE	CHANGE	CHANGE
							LAND	LEVEL		BY		FALL89	FIRST	SPR90
							SURF					TO	PREVL TO	TO
												FALL90	SPR 91	SPR91
T01S	R67W	34	SWNE	USGS Obs.Well	0	Gal	5015	7.71	10/31/67	CCWC		-2.02		
								0.00	/ /		Well F7			
								10.50	03/30/89					
								9.69	10/13/89					
								10.45	03/26/90					
								11.71	10/09/90					
								0.00	/ /					
T02S	R65W	23	SWS	Stapleton Airport	18380	F Gal	5300	0.00	/ /	CCWC		1.09		0.52
								0.00	/ /		Well E7			
								17.00	04/20/89					
								17.79	10/13/89					
								17.42	04/10/90					
								16.70	10/17/90					
								16.90	04/18/91					
T02S	R65W	35	SES	Stapleton Airport	18380	R Gal	5360	0.00	/ /	CCWC		2.24		-4.40
								0.00	/ /		Well E8			
								20.20	04/20/89					
								22.07	10/13/89					
								18.08	04/10/90					
								19.83	10/17/90					
								22.48	04/18/91					
T02S	R67W	01	SEN	Squires,G.	14784	R Boav	5065	29.00	06/23/53	CCWC		-1.34	-2.90	2.00
								0.00	/ /		Well F8			
								33.40	04/06/89					
								31.26	10/13/89					
								33.90	03/26/90					
								32.60	10/09/90					
								31.90	04/10/91					
T04S	R65W	28	NES	USGS Obs. Well	0	Gal	5640	5.80	05/01/75	DWR		-0.30	-4.66	2.34
								9.50	03/25/88					
								12.70	03/15/89					
								13.40	10/24/89					
								12.80	03/22/90					
								13.70	10/25/90					
								10.46	03/21/91					
T04S	R67S	28	SEN	Denver Water Dept.	27286	F Gal	5410	0.00	/ /	DWR				
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								28.56	03/21/91					

WATER LEVELS IN THE ALLUVIAL AQUIFERS
OF THE
LOWER SOUTH PLATTE RIVER BASIN, CO
1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV LAND SURF	WATER LEVEL	DATE	MEAS BY	REMARKS	CHANGE FALL89 TO FALL90	CHANGE FIRST PREWL TO SPR 91	CHANGE SPR90 TO SPR91
T05S	R66W	18	SESWSE	Colo. Div. Parks	0	Gal	5632	35.50 19.30 19.80 24.20 22.50 24.44 25.52	03/07/57 03/25/88 03/15/89 10/24/89 03/22/90 10/25/90 03/21/91	DWR		-0.24	9.98	-3.02
T05S	R66W	17	NESESW	Denver Water Dept.	11555	R Gal	5313	11.00 0.00 0.00 0.00 0.00 13.20	04/12/52 / / / / / / / / 03/21/91	DWR			-2.20	
T05S	R66W	31	NENWNE	Denver Water Dept.	2188	F Gal	5351	14.00 0.00 0.00 0.00 0.00 17.88	08/02/59 / / / / / / / / 03/21/91	DWR			-3.88	
T06S	R66W	04	SESWNW	Cottonwood Est.	0	Gal	5715	0.00 6.00 5.80 6.30 5.78 6.38 6.00	/ / 03/25/88 03/15/89 10/24/89 03/22/90 10/25/90 03/21/91	DWR		-0.08		-0.22
T06S	R66W	08	NENENE	Cottonwood Est.	0	Gal	5748	0.00 26.80 28.00 28.50 26.50 27.83 27.27	/ / 03/25/88 03/15/89 10/24/89 03/22/90 10/25/90 03/21/91	DWR	North Well	0.67		-0.77
T06S	R66W	08	NENENE	Cottonwood Est.	0	Gal	5748	0.00 27.70 29.00 29.30 27.30 28.18 28.02	/ / 03/25/88 03/15/89 10/24/89 03/22/90 10/25/90 03/21/91	DWR	South Well	1.12		-0.72

WATER LEVELS IN THE ALLUVIAL AQUIFERS
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1991

TWN	RNG	SEC	QTR	OWNER	PERMIT	AQUIFER	ELEV	WATER	DATE	MEAS	REMARKS	CHANGE	CHANGE	CHANGE
							LAND	LEVEL		BY		FALL89	FIRST	SPR90
							SURF					TO	PREWL TO	TO
												FALL90	SPR 91	SPR91
T07S	R68W	10	NENWSE	Clapp,F.	0	Gal	5680	4.00	03/14/80	DWR		-0.03	-1.71	-0.21
								5.40	03/25/88					
								5.40	03/15/89					
								5.80	10/24/89					
								5.50	03/22/90					
								5.83	10/25/90					
								5.71	04/21/91					
T08S	R66W	03	NWSESE		20706 R	Gal	6120	8.99	06/01/56	DWR			-3.16	-12.20
								11.05	03/25/88					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								0.00	/ /					
								12.15	04/12/91					
T08S	R67W	27	SESWNE	Lowell,J.	7262 P	Gal	6340	17.80	06/03/76	DWR		0.80	10.24	-0.56
								6.40	03/25/88					
								7.00	03/15/89					
								7.30	10/24/89					
								7.00	03/22/90					
								6.50	10/25/90					
								7.56	04/12/91					