Water-quality measurements in the following table were made in cooperation with the Carson Water Subconservancy District to establish background information in Douglas County to determine if changes in water quantity and quality occur.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD). Quality-assurance samples are defined in the introductory text section titled "Water Quality-Control Data.".

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Station number	Local identifier	Date	Time	Sample type	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)
385255119482301	N12 E19 23DDD 1	10-04-04	1445	Environmental	141.	--	8.5	109	16.0	16.2	5.37
		10-04-04	1505	**Field Blank**	*141.*	--	--	--	--	--	*<.02*
385300119405702	N12 E20 24DCDB2	03-10-04	1040	Environmental	180.	--	7.5	599	18.0	15.6	57.8
		09-20-04	1310	Environmental	180.	--	7.3	592	12.0	15.0	58.8
385321119405002	N12 E20 24ADCC2	09-22-04	1040	Environmental	145.	105.70	7.6	553	10.0	13.5	71.9
385326119490101	N12 E19 23BDDB1	10-06-04	1005	Environmental	112.	--	6.9	83	13.0	15.0	--
385339119490501	N12 E19 23BACA1	10-06-04	1035	Environmental	--	--	6.2	134	15.0	11.7	--
385342119490201	N12 E19 23BAAC1	10-06-04	1120	Environmental	--	--	6.2	159	15.0	11.7	--
385343119491001	N12 E19 23BABB1	10-07-04	1310	Environmental	--	52.41	6.2	76	19.0	11.7	--
385352119455401	N12 E20 17CCDA1	09-30-04	1410	Environmental	91.	32.47	6.5	205	--	14.7	18.7
385353119491901	N12 E19 14CCAC2	10-06-04	1345	Environmental	--	--	6.2	76	16.5	11.4	--
385354119491601	N12 E19 14CCAC1	10-07-04	1355	Environmental	--	--	6.8	54	20.5	14.0	--
385405119492801	N12 E19 15DADA1	10-06-04	1250	Environmental	--	--	6.3	71	16.0	10.8	--
385423119494301	N12 E19 15ADBB2	10-06-04	1450	Environmental	--	--	6.5	84	16.9	12.5	--
385424119494401	N12 E19 15ADBB1	10-06-04	1415	Environmental	183.	--	6.8	79	16.5	11.4	--
385441119495501	N12 E19 10DCDB1	10-07-04	1205	Environmental	107.	40.00	6.0	125	16.5	12.1	--
385509119414801	N12 E20 11ADD 1	09-22-04	1320	Environmental	125.	--	7.5	385	20.0	14.7	49.3
385530119501501	N12 E19 03CDCB1	10-07-04	1050	Environmental	112.	40.09	6.4	117	14.0	--	--
385654119431801	N13 E20 34ACC 1	09-22-04	1150	Environmental	80.	--	7.3	524	24.0	14.7	56.8
385801119421501	N13 E20 26ABBB1	03-10-04	1140	Environmental	130.	--	7.5	282	18.0	15.4	30.9
		09-22-04	1500	Environmental	130.	--	7.3	307	22.0	15.7	30.7
390015119500101	N13 E19 10DBB 1	10-04-04	1220	Environmental	115.	--	7.2	222	15.5	13.5	27.7
390017119455901	N13 E20 08CBAB1	09-30-04	1540	Environmental	332.	--	7.9	162	--	16.2	10.9
390021119504301	N13 E19 09ADCA1	10-04-04	1315	Environmental	180.	--	7.0	266	16.0	12.5	38.5
390055119421901	N13 E20 02CDAA1	03-08-04	1300	Environmental	176.	127.39	8.0	344	18.5	18.9	13.6
		09-30-04	1020	Environmental	176.	--	7.6	261	--	21.0	14.3
390106119424301	N13 E20 02CBB 1	09-30-04	1132	Environmental	176.	--	7.6	314	--	19.8	9.18
390208119433201	N14 E20 34BDBD1	03-08-04	1120	Environmental	100.	34.24	7.5	445	19.5	15.3	20.0
		09-23-04	1505	Environmental	100.	36.71	7.3	436	--	16.0	21.0
390230119480001	N14 E19 25BA 1	03-10-04	1300	Environmental	239.	--	7.1	601	18.0	18.2	33.3
		09-20-04	1040	Environmental	239.	--	7.0	667	8.0	14.6	48.0
390232119443201	N14 E20 28CDC 1	03-08-04	0930	Environmental	88.	--	7.4	659	19.0	15.1	53.7
		09-23-04	1350	Environmental	88.	--	7.4	667	24.0	16.9	54.6
390446119451401	N14 E20 17ADCA1	03-11-04	1043	Environmental	27.	8.15	6.6	4,080	18.0	13.7	265
		03-11-04	1100	**Field Blank**	*27.*	--	--	--	--	--	*<.01*
		09-23-04	1150	Environmental	27.	5.83	6.7	4,470	21.0	14.8	348
		09-23-04	1230	**Field Blank**	*27.*	--	--	--	--	--	*<.01*
390457119491301	N14 E19 14BBD 1	10-04-04	1055	Environmental	100.	--	8.4	120	--	15.1	13.6
390542119472001	N14 E19 12ADAB1	10-04-04	1005	Environmental	155.	--	7.5	246	12.5	15.7	23.2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)
10-04-04	.164	.64	17.3	32	32	1.04	.8	17.1	81	<.010	.043	<.002	.014	11
10-04-04	*<.008*	*<.16*	*<.20*	*<2*	--	*<.20*	*<.1*	*<.2*	*<10*	*<.010*	*<.016*	*<.002*	*<.006*	*<6*
03-10-04	22.6	6.32	32.2	167	--	26.8	<.2	67.9	395	<.04	8.16	<.008	.04	15
09-20-04	23.5	6.50	33.7	163	162	25.1	<.2	70.5	393	<.04	8.21	<.008	.04	<6
09-22-04	11.9	2.50	25.5	176	175	18.4	<.2	62.8	361	<.010	3.80	<.002	.057	<6
10-06-04	--	--	--	--	--	.49	.3	3.4	66	<.04	.20	<.008	.03	--
10-06-04	--	--	--	--	--	5.70	E.1	5.9	113	<.04	6.08	<.008	E.01	--
10-06-04	--	--	--	--	--	7.84	E.1	6.1	115	<.04	6.44	<.008	E.01	--
10-07-04	--	--	--	--	--	2.68	.1	1.4	61	<.04	1.61	<.008	<.02	--
09-30-04	7.83	2.50	10.2	67	68	5.28	<.2	12.3	177	<.010	5.00	<.002	.097	7
10-06-04	--	--	--	--	--	.50	.2	2.3	70	<.04	.35	<.008	.02	--
10-07-04	--	--	--	--	--	.27	E.1	.8	62	<.04	.07	<.008	.04	--
10-06-04	--	--	--	--	--	.39	.1	3.6	66	<.04	.40	<.008	E.01	--
10-06-04	--	--	--	--	--	.58	.1	2.8	80	<.04	.70	<.008	.03	--
10-06-04	--	--	--	--	--	.28	.1	4.2	48	<.04	.20	<.008	.04	--
10-07-04	--	--	--	--	--	.79	.1	3.7	101	<.04	.94	<.008	.02	--
09-22-04	8.79	2.70	19.4	147	147	12.7	<.2	23.7	254	<.010	3.17	<.002	.064	<6
10-07-04	--	--	--	--	--	1.44	.8	3.6	91	<.04	1.23	<.008	.02	--
09-22-04	12.4	1.97	34.5	221	219	11.1	.2	22.7	315	<.010	1.74	<.002	.126	<6
03-10-04	8.50	3.04	24.3	125	125	6.07	<.2	26.7	228	<.010	1.04	<.002	.061	7
09-22-04	8.57	2.97	25.6	125	124	5.51	<.2	26.0	228	E.006	1.22	<.002	.061	<6
10-04-04	5.49	1.35	10.4	107	108	2.36	<.1	2.4	144	<.010	1.61	<.002	.075	16
09-30-04	.961	3.48	24.4	69	69	4.71	.7	16.4	169	.013	<.016	<.002	.026	18
10-04-04	5.02	2.73	14.9	139	140	1.41	.2	13.3	183	E.007	.230	E.001	.017	17
03-08-04	2.24	2.47	70.3	137	138	13.5	2.8	22.0	281	<.010	1.30	<.002	E.004	<6
09-30-04	2.31	2.56	59.1	138	138	13.6	2.7	22.8	285	<.010	1.22	<.002	E.003	9
09-30-04	2.94	4.39	57.1	117	117	9.30	1.4	35.1	292	<.010	1.57	<.002	.007	10
03-08-04	6.58	4.27	65.2	123	123	19.5	1.4	54.1	320	<.010	2.33	<.002	.033	E4
09-23-04	6.76	4.03	60.9	122	123	20.9	1.4	55.9	329	<.010	2.85	<.002	.031	<6
03-10-04	5.96	2.78	105	120	100	62.4	3.4	117	410	.059	.339	.002	.198	E4
09-20-04	8.54	4.20	104	162	161	61.2	2.5	97.7	448	.022	1.29	E.001	.098	8
03-08-04	7.61	5.06	77.8	194	199	25.8	1.6	69.2	450	E.006	5.93	<.002	.024	<6
09-23-04	7.76	4.76	73.2	202	202	28.0	1.6	70.2	464	<.010	6.93	<.002	.021	<6
03-11-04	7.52	7.01	831	177	177	230	6.7	1,760	3,340	E.138	<.016	.002	E.031	9,280
03-11-04	*<.008*	*<.16*	*<.10*	*<2*	--	*<.20*	*<.2*	*<.2*	*<10*	*<.010*	*<.016*	*<.002*	*<.006*	*<6*
09-23-04	29.6	8.88	810	191	194	237	6.9	1,860	3,500	.140	E.009	E.001	.075	5,350
09-23-04	*<.008*	*E.09*	*<.10*	*<2*	--	*<.20*	*<.2*	*<.2*	*<10*	*<.010*	*<.016*	*<.002*	*<.006*	*<6*
10-04-04	.063	.80	14.2	61	62	1.11	<.1	.9	93	<.010	1.25	E.001	E.004	<6
10-04-04	3.66	1.22	27.0	111	111	7.64	.3	7.8	188	<.010	2.01	E.001	.009	<6

Remark codes used in this table:
< -- Less than
E -- Estimated value