Discharge at Partial-Record Stations and Miscellaneous Sites

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 2003

[mi^2, square mile; ft, foot; ft^3/s, cubic feet per second]

Station number	Station name	Location	Drainage area (mi^2)	Period of record	Date	Annual maximum	
						Gage height (ft)	Dis-charge (ft^3/s)
Big Nemaha River Basin							
06814500	North Fork Big Nemaha River, at Humboldt, NE	Lat 40° 09' 25", long 095° 56' 40", in NW1/4 NE1/4 sec. 10, T. 2N., R. 13 E., Richardson County, on right bank on bridge on State Highway 105 at south edge of Humboldt	548	*1952-96 1997-2003	05-09-03	11.11	5,610
Kansas River Basin							
06838200	Coon Creek at Indianola, NE	Lat 40° 14' 03", long 100° 25' 37", in NW1/4 NE1/4 sec.13, T.3 N., R.28 W., Red Willow County, at bridge on U.S. Highways 6 and 34, 0.5 mile west of Indianola	69	1961-2003	05-14-03	4.96	[e]120
06838550	Dry Creek at Bartley, NE	Lat 40° 15' 02", long 100° 19' 02", in SW1/4 SE1/4 sec.1, T.3 N., R.27 W., Red Willow County, at bridge on U.S. Highway 6 and 34, 0.5 mile west of Bartley	42	1961-2003	05-14-03	10.83	[e] 20
06850000	Turkey Creek at Naponee, NE	Lat 40° 04' 34", long 099° 08' 17", in SW1/4 SW1/4 sec.4, T.1 N., R.16 W., Franklin County, on downstream side of county bridge at east side of Naponee	129	*1948-53 [a]1954-61 [b]1962-77 [a]1978-89 1991-2003	06-29-03	2.71	[c] 152
06881450	Indian Creek at Beatrice, NE	Lat 40° 17' 08", long 096° 44' 47", in SE1/4 NE1/4 sec. 28, T.4 N., R.6 E., Gage County, at bridge on U.S. Higway 77 at north edge of Beatrice	74.7	1960-89, 1991-2003	06-12-03	11.70	1,630

[*] Operated as a continuous-record gaging station.
[a] Discharge measurements published in table for miscellaneous sites.
[b] Discharge measurements published in table for low flow partial record sites.
[c] Data provided by Nebraska Department of Natural Resources.
[e] Estimate.

Measurements of streamflow at points other than gaging stations are given in the following table. Some measurements were made during periods of base flow when streamflow is primarily from ground-water storage and may be correlated with the simultaneous discharge of a nearby stream where continuous records are available to give a picture of the low-flow potentiality of the stream.

Discharge measurements made at miscellaneous sites during water year 2003

[mi^2, square miles; ft^3/s, cubic feet per second; lat, latitude; long, longitude; sec., section; mi, mile; Nebr., Nebraska

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements	
					Date	Dis-charge (ft^3/s)
Niobrara River Basin						
Niobrara River (06454100)	Missouri River	Lat 42° 25' 22" long 103° 47' 28", in SW 1/4 sec. 6, T.28N., R.55W., Sioux County, 300 ft upstream of bridge on State Highway 29, 0.2 mi northwest of Agate.	840	1957-91, 2002	04-10-03 05-27-03 08-04-03	18.1 7.05 2.27
Minnechaduza Creek (06461010)	Niobrara River	Lat 42° 53' 41" long 100° 30 '53", in NW 1/4 NW 1/4 sec. 29, T. 34 N., R. 27 W., Cherry County, at county bridge, 0.8 mi north of State Highway 12, and 1.6 mi northwest of Valentine.			06-03-03	35.8
Kansas River Basin						
Republican River (06850500)	Kansas River	Lat 40° 03' 58" long 99° 02' 14", in NW 1/4 SE 1/4 sec. 8, T. 1 N., R. 15 W., Franklin County, 2 mi south of Bloomington.	20,800	1929-52 1955 1957	05-27-03 06-19-03 08-26-03	26.3 149 13.0
Republican River (06851090)	Kansas River	Lat 40°05'26", long 98°46'03", in SE 1/4 SE 1/4 sec. 34, T. 2 N., R. 13 W., Franklin County, at bridge on county road 0.5 mi west of Riverton.	21,300	1963-67 1970-78	05-27-03	52.5
Republican River (06853200)	Kansas River	Lat 40° 01' 01", long 98° 05' 15", in SE 1/4 SE 1/4 sec. 27, T. 1 N., R. 7 W., Nuckolls County, on State Highway 8 bridge 0.5 mi west of Superior.	22,300	1961-65* 1967* 1971-75** 1977**	05-28-03 06-24-03	118 858

* Measured at site 2.0 mi upstream.

** Measured at site 1.0 mi upstream.

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

MISCELLANEOUS SURFACE-WATER QUALITY DATA

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

MISCELLANEOUS STATION ANALYSES

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
06803525 SALT CR BL STEVENS CR NR WAVERLY NEBR (LAT 40 54 18N LONG 096 35 09W)													
OCT 2002													
09...	1030	E101	736	--	5.7	59	7.5	4,790	12.5	15.0	260	69.0	21.7
NOV													
14...	1300	E82	731	--	6.5	53	7.6	7,120	9.0	4.0	340	86.8	30.1
DEC													
06...	1330	E76	734	17	8.1	64	7.5	6,910	5.0	3.0	360	91.9	30.6
JAN 2003													
08...	1000	E108	727	7.3	7.9	61	7.8	7,440	8.0	2.0	330	81.2	30.7
FEB													
04...	0930	E108	737	17	12.1	88	7.5	6,800	-3.0	0.0	320	77.2	31.0
MAR													
03...	1030	E95	727	5.5	10.1	81	8.1	6,190	1.5	3.0	340	89.7	28.8
APR													
04...	1100	E92	727	15	8.7	83	7.5	6,700	3.5	10.0	340	83.8	31.0
MAY													
01...	1230	E188	731	7.8	12.3	121	7.8	3,730	15.0	12.0	290	80.0	21.9
JUN													
03...	1030	E139	732	6.9	5.7	66	7.8	4,850	17.0	19.5	280	73.5	23.0
JUL													
01...	1100	E203	734	4.6	6.9	84	8.0	4,130	26.0	22.0	270	72.4	21.0
AUG													
20...	1000	E160	732	5.7	6.0	76	7.8	4,550	26.0	24.0	230	60.5	19.2
SEP													
10...	1130	E264	731	7.4	4.4	52	7.6	2,850	17.0	21.0	170	45.5	14.4

MISCELLANEOUS STATION ANALYSES

Date	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L (71846)
06803525 SALT CR BL STEVENS CR NR WAVERLY NEBR (LAT 40 54 18N LONG 096 35 09W)													
OCT 2002													
09...	15.8	22	834	87	E197	1,250	0.64	22.0	213	--	--	9.6	10.4
NOV													
14...	16.1	30	1,280	89	E270	1,840	0.73	22.4	294	--	--	11	12.4
DEC													
06...	17.1	31	1,350	89	263	1,850	0.79	24.6	307	3,850	5.24	12	14.2
JAN 2003													
08...	16.1	34	1,420	90	269	2,000	0.87	20.7	305	4,070	5.54	9.2	9.30
FEB													
04...	14.4	33	1,340	90	282	1,790	0.85	20.3	259	3,720	5.06	8.8	9.19
MAR													
03...	5.01	27	1,170	88	319	1,640	0.66	22.1	267	3,440	4.67	9.7	10.2
APR													
04...	18.2	30	1,280	89	261	1,740	0.71	20.1	270	3,620	4.92	13	14.0
MAY													
01...	5.82	18	690	83	256	911	<0.68	17.8	176	2,070	2.81	6.3	4.95
JUN													
03...	11.8	20	766	85	221	1,180	0.6	19.3	202	2,430	3.30	4.4	3.60
JUL													
01...	12.3	20	733	85	234	1,090	0.6	22.9	193	2,300	3.13	2.1	1.19
AUG													
20...	13.7	24	824	88	194	1,220	0.7	20.3	202	2,490	3.39	2.8	1.69
SEP													
10...	10.3	15	460	84	148	723	0.5	15.0	130	1,500	2.03	3.1	1.88

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

MISCELLANEOUS STATION ANALYSES

06803525 SALT CR BL STEVENS CR NR WAVERLY NEBR (LAT 40 54 18N LONG 096 35 09W)

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitro-gen, water, unfltrd mg/L (00605)	Ortho-phos-phate, water, fltrd, mg/L (00660)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Organic carbon, water, unfltrd mg/L (00680)	Fecal coli-form, M-FC 0.7u MF col/ 100 mL (31625)
OCT 2002													
09...	8.08	5.96	1.35	2.01	2.17	0.659	1.5	4.85	1.58	1.95	12	12.0	4,100
NOV													
14...	9.61	2.66	0.60	0.83	0.766	0.233	1.4	8.67	2.83	3.27	12	--	19,000
DEC													
06...	11.0	6.24	1.41	1.79	1.24	0.377	0.53	3.86	1.26	1.63	13	8.2	19,700
JAN 2003													
08...	7.22	13.5	3.05	3.58	1.74	0.530	1.9	3.86	1.26	1.67	13	12.0	1,030
FEB													
04...	7.14	7.63	1.72	1.91	0.611	0.186	1.7	1.02	0.33	0.89	11	14.8	S2800
MAR													
03...	7.90	5.79	1.31	1.47	0.536	0.163	1.8	1.43	0.47	1.15	11	12.5	1,470
APR													
04...	10.9	1.23	0.28	0.33	0.181	0.055	2.5	6.67	2.17	2.83	14	19.8	1,800
MAY													
01...	3.84	4.96	1.12	1.46	1.12	0.341	2.4	1.71	0.56	0.94	7.7	13.4	1,200
JUN													
03...	2.79	7.32	1.65	2.31	2.16	0.657	1.6	1.92	0.63	0.94	6.7	9.5	320
JUL													
01...	0.93	11.7	2.63	3.18	1.79	0.545	1.2	1.10	0.36	0.58	5.3	9.8	430
AUG													
20...	1.32	9.96	2.25	2.69	1.47	0.446	1.5	1.71	0.56	0.93	5.5	12.2	2,200
SEP													
10...	1.46	3.59	0.81	1.12	1.02	0.310	1.6	1.48	0.48	0.84	4.2	9.2	3,800

MISCELLANEOUS STATION ANALYSES

06803525 SALT CR BL STEVENS CR NR WAVERLY NEBR (LAT 40 54 18N LONG 096 35 09W)

Date	Fecal strep-tococci KF MF, col/ 100 mL (31673)	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd recover -able, ug/L (01007)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover -able, ug/L (01034)	Copper, water, unfltrd recover -able, ug/L (01042)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, unfltrd recover -able, ug/L (01051)	Mangan-ese, water, unfltrd recover -able, ug/L (01055)	Mercury water, unfltrd recover -able, ug/L (71900)	Selen-ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01077)	Zinc, water, unfltrd recover -able, ug/L (01092)
OCT 2002													
09...	2,200	--	--	--	--	--	--	--	--	--	--	--	--
NOV													
14...	28,000	4	86.8	<0.4	E.5	8.5	760	12	453	0.04	<3	E.1	<25
DEC													
06...	4,800	--	--	--	--	--	--	--	--	--	--	--	--
JAN 2003													
08...	6,100	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
04...	5,200	5	105	0.9	1.3	14.4	830	24	186	E.01	<5	0.4	E14
MAR													
03...	800	--	--	--	--	--	--	--	--	--	--	--	--
APR													
04...	6,400	--	--	--	--	--	--	--	--	--	--	--	--
MAY													
01...	208	7	134	<0.2	E2.9	6.3	--	5	662	E.01	<3	<0.3	52
JUN													
03...	460	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
01...	224	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
20...	2,480	8	188	E.1	1.9	7.0	--	5	428	E.02	E2	<0.3	36
SEP													
10...	10,800	--	--	--	--	--	--	--	--	--	--	--	--

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

JOHNSON LAKE WATER-QUALITY MONITORING

COUNTIES.--Dawson and Gosper

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Date	Time	Altitude of land surface feet (72000)
	DAWSON COUNTY					
404233099522608	LAKEVIEW ACRES JOHNSON LAKE	40 42 33 N	099 52 26 W	07-07-03	1430	2,671
	LAKEVIEW ACRES JOHNSON LAKE	40 42 33 N	099 52 26 W	08-18-03	1230	2,671
404253099515506	KIRBY POINT JOHNSON LAKE	40 41 59 N	099 50 46 W	07-07-03	1600	2,617
	KIRBY POINT JOHNSON LAKE	40 41 59 N	099 50 46 W	08-18-03	1400	2,617
404253099515507	NORTH END JOHNSON LAKE	40 42 54 N	099 51 56 W	07-07-03	1530	2,617
	NORTH END JOHNSON LAKE	40 42 54 N	099 51 56 W	08-18-03	1500	2,617
404318099562601	PLUM CREEK INLET JOHNSON LAKE	40 43 19 N	099 56 26 W	07-07-03	1500	2,617
	PLUM CREEK INLET JOHNSON LAKE	40 43 19 N	099 56 26 W	08-18-03	1600	2,617
	GOSPER COUNTY					
404030099502211	SW DAM	40 40 31 N	099 50 22 W	07-07-03	1300	2,617
	SW DAM	40 40 31 N	099 50 22 W	08-18-03	1830	2,617
404104099514810	MALLARD BAY JOHNSON LAKE	40 41 04 N	099 51 48 W	07-07-03	1330	2,617
	MALLARD BAY JOHNSON LAKE	40 41 04 N	099 51 48 W	08-18-03	1700	2,617
404147099521909	INLET CANAL AT JOHNSON LAKE	40 41 47 N	099 52 19 W	07-07-03	1400	2,617
	INLET CANAL AT JOHNSON LAKE	40 41 47 N	099 52 19 W	08-18-03	1130	2,617
404159099495304	SWIMMING BEACH JOHNSON LAKE	40 41 59 N	099 49 53 W	07-07-03	1230	2,716
	SWIMMING BEACH JOHNSON LAKE	40 41 59 N	099 49 53 W	08-18-03	1900	2,716

MULTIPLE STATION ANALYSES

Station number	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	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)
					DAWSON COUNTY							
404233099522608	693	7.0	98	8.5	668	E29.5	27.0	1.0	<0.04	<0.06	<0.008	<0.02
	--	5.9	--	7.8	737	E32.0	25.8	1.6	<0.04	<0.06	<0.008	<0.18
404253099515506	--	7.4	--	8.4	680	29.0	25.5	0.71	<0.04	<0.06	<0.008	<0.02
	--	10.0	--	8.6	739	E36.0	26.5	0.90	<0.04	<0.06	<0.008	<0.02
404253099515507	693	9.5	132	8.8	664	30.0	27.0	0.79	<0.04	<0.06	<0.008	<0.02
	--	6.8	--	8.7	702	37.0	26.7	0.95	<0.04	<0.06	<0.008	<0.02
404318099562601	693	6.6	92	8.4	788	E30.0	27.0	0.96	<0.04	0.07	E.004	<0.02
	--	7.9	--	8.6	736	37.0	24.9	0.99	<0.04	<0.06	<0.008	<0.02
					GOSPER COUNTY							
404030099502211	693	10.3	140	8.6	673	E30.0	25.5	0.84	<0.04	<0.06	<0.008	<0.02
	--	8.0	--	8.6	727	33.0	25.6	0.76	<0.04	<0.06	<0.008	<0.02
404104099514810	693	5.9	85	8.5	673	31.0	29.0	0.74	<0.04	<0.06	<0.008	<0.02
	--	5.2	--	8.7	741	36.0	26.3	1.3	<0.04	<0.06	<0.008	<0.02
404147099521909	693	6.9	96	8.3	756	31.0	27.0	0.97	<0.04	E.04	<0.008	<0.02
	--	8.4	--	8.4	738	E30.0	25.3	0.96	<0.04	<0.06	<0.008	<0.02
404159099495304	693	8.4	113	8.5	678	--	25.3	0.70	E.03	<0.06	E.004	<0.02
	--	10.0	--	8.7	726	--	26.0	0.75	<0.04	<0.06	<0.008	<0.02

JOHNSON LAKE WATER-QUALITY MONITORING

MULTIPLE STATION ANALYSES

Station number	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)
DAWSON COUNTY												
404233099522608	0.102	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.120	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
404253099515506	0.051	--	--	--	--	--	--	--	--	--	--	--
	0.066	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	E1
404253099515507	0.072	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.067	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
404318099562601	0.109	1.0	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.106	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
GOSPER COUNTY												
404030099502211	0.062	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.048	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
404104099514810	0.061	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.124	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
404147099521909	0.116	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.085	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
404159099495304	0.049	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5
	0.051	--	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5

MULTIPLE STATION ANALYSES

Station number	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)
DAWSON COUNTY												
404233099522608	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
404253099515506	--	--	--	--	--	--	--	--	--	--	--	--
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
404253099515507	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	<2	<2	<1	<0.5
404318099562601	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	M	<1	<0.5
GOSPER COUNTY												
404030099502211	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
404104099514810	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
404147099521909	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	<2	<2	<1	<0.5
404159099495304	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5
	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5

JOHNSON LAKE WATER-QUALITY MONITORING

MULTIPLE STATION ANALYSES

Station number	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)
DAWSON COUNTY												
404233099522608	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5
404253099515506	--	--	--	--	--	--	--	--	--	--	--	--
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5
404253099515507	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5
404318099562601	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	E1	<1	E.1	<0.5	<5	<1	<0.5
GOSPER COUNTY												
404030099502211	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5
404104099514810	M	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.2	<0.5	<5	<1	<0.5
404147099521909	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5
404159099495304	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5
	<0.5	<0.5	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5

MULTIPLE STATION ANALYSES

Station number	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
DAWSON COUNTY												
404233099522608	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1
404253099515506	--	--	--	--	--	--	--	--	--	--	--	--
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
404253099515507	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
404318099562601	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
GOSPER COUNTY												
404030099502211	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
404104099514810	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
404147099521909	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
404159099495304	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1
	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

JOHNSON LAKE WATER-QUALITY MONITORING

MULTIPLE STATION ANALYSES

Station number	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tribromomethane water, fltrd, ug/L (34288)	Tributyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)
DAWSON COUNTY												
404233099522608	<0.5	<1	<2	<0.5	E.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
404253099515506	--	--	--	--	--	--	--	--	--	--	--	--
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
404253099515507	<0.5	<1	<2	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
404318099562601	<0.5	<1	<2	<0.5	E.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
GOSPER COUNTY												
404030099502211	<0.5	<1	<2	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
404104099514810	<0.5	<1	<2	<0.5	E.3	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
404147099521909	<0.5	<1	<2	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
404159099495304	<0.5	<1	<2	<0.5	E.3	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
	<0.5	<1	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5

MULTIPLE STATION ANALYSES

Station number	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(dichloroi-Pr) phosphate, wat flt ug/L (62088)	Dichlorvos, water fltrd, ug/L (38775)
DAWSON COUNTY					
404233099522608	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00
404253099515506	--	--	--	--	--
	<0.5	<0.5	<0.5	<0.5	<1.00
404253099515507	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00
404318099562601	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00
GOSPER COUNTY					
404030099502211	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00
404104099514810	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00
404147099521909	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00
404159099495304	<0.5	<0.5	<0.5	<0.5	<1.00
	<0.5	<0.5	<0.5	<0.5	<1.00

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

ADAMS COUNTY

403403098244001. Local number 7N 10W 23AB.

LOCATION.--Lat 40° 34'03", long 098° 24'40", NW 1/4 NE 1/4 sec.23, T.7 N., R.10 W., Hydrologic Unit 10270206, 0.5 mi west of the west junction of Routes 281 and 6, in the south part of Hastings.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled unused irrigation water-table well, diameter 8 in., depth 155 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,927 ft. Measuring point: Top of casing 1.0 ft above land-surface datum.

REMARKS.--Large amounts of ground water are pumped from municipal and industrial wells located east and northeast of the well and from irrigation wells in other directions.

PERIOD OF RECORD.--August 1934 to October 1938; August 1948 to December 1950; January 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 99.95 ft below land-surface datum, Jan. 22, Mar.14, 1935; lowest, 128.82 ft below land-surface datum, July 10, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	112.55	JAN 14	111.70	APR 08	111.33	JUN 10	110.90	SEP 09	115.47		
NOV 06	112.16	FEB 17	111.40	22	111.33	JUL 02	111.52				
DEC 04	111.97	MAR 11	111.28	MAY 13	110.97	AUG 12	114.76				

WATER YEAR 2003 HIGHEST 110.90 JUN 10, 2003 LOWEST 115.47 SEP 09, 2003

BLAINE COUNTY

414958100061501. Local number 22N 24W 33CA.

LOCATION.--Lat 41° 49'58", long 100° 06'15", NE 1/4 SW 1/4 sec. 33, T. 22 N., R. 24 W., Hydrologic Unit 10210001, approxmately 500 ft west of junction of State Highways 91 and 2 north of Dunning.

AQUIFER.--Sand and gravel deposits, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 1 in., depth 13 ft, screened 11 to 13 ft.

DATUM.--Altitude of land-surface datum is 2,618 ft. Measuring point: Top of casing 1.40 ft above land-surface datum.

PERIOD OF RECORD.--December 1934 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.04 ft below land-surface datum, Mar. 8, 1950; lowest, 6.97 ft below land-surface datum, Aug. 8, 1951.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
JUN 02	4.31

BUFFALO COUNTY

404618098504401. Local number 9N 14W 1DC.

LOCATION.--Lat 40° 46'18", long 098° 50'44", SW 1/4 SE 1/4 sec.1, T.9 N., R.14 W., Hydrologic Unit 10200102, 1.3 mi north of the intersection of Route 30 and the North-South range-line road on the east side of Gibbon, then 0.5 mi west on section-line road. Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 38 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 2,060.43 ft. Measuring point: Top of casing 0.80 ft above land-surface datum.

REMARKS.--Water levels in well are affected by pumpage from nearby irrigation wells.

PERIOD OF RECORD.--July 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.17 ft below land-surface datum, July 13, 1999; lowest, 29.22 ft below land-surface datum, Aug. 10, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 25.69 ft, Sept. 18, 19, 20; minimum water-level depth below land surface, 21.79 ft, July 6.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.45	22.37	22.27	22.30	22.28	22.20	22.27	22.20	21.98	21.91	23.99	25.14
2	22.47	22.34	22.27	22.35	22.24	22.22	22.26	22.20	21.97	21.90	23.88	25.13
3	22.47	22.30	22.29	22.35	22.29	22.21	22.24	22.19	21.97	21.89	23.82	25.11
4	22.45	22.30	22.29	22.34	22.31	22.20	22.29	22.16	21.97	21.89	23.87	25.14
5	22.46	22.30	22.29	22.40	22.31	22.22	22.30	22.14	21.97	21.89	23.90	25.32
6	22.46	22.31	22.27	22.42	22.33	22.20	22.29	22.17	21.96	21.83	23.94	25.40
7	22.46	22.31	22.24	22.41	22.33	22.23	22.31	22.17	21.96	21.91	23.96	25.45
8	22.42	22.27	22.29	22.38	22.28	22.25	22.35	22.16	21.96	22.09	24.04	25.49
9	22.43	22.23	22.28	22.36	22.28	22.29	22.34	22.13	21.95	22.40	24.26	25.54
10	22.42	22.27	22.24	22.38	22.25	22.28	22.30	22.12	21.96	22.61	24.36	25.58
11	22.41	22.32	22.22	22.38	22.27	22.25	22.28	22.14	21.96	22.74	24.34	25.61
12	22.45	22.35	22.23	22.38	22.28	22.23	22.27	22.15	21.95	22.78	24.19	25.62
13	22.45	22.34	22.23	22.37	22.27	22.27	22.27	22.13	21.95	22.78	24.07	25.65
14	22.43	22.29	22.21	22.39	22.25	22.27	22.26	22.08	21.95	22.84	24.14	25.67
15	22.39	22.32	22.21	22.39	22.30	22.23	22.23	22.08	21.96	22.86	24.22	25.68
16	22.38	22.31	22.19	22.40	22.30	22.23	22.27	22.07	21.96	22.86	24.25	25.68
17	22.36	22.29	22.19	22.40	22.27	22.23	22.30	22.07	21.96	22.85	24.24	25.67
18	22.35	22.28	22.22	22.37	22.24	22.23	22.28	22.07	21.94	22.90	24.24	25.69
19	22.38	22.29	22.24	22.33	22.25	22.24	22.27	22.09	21.93	23.09	24.32	25.69
20	22.38	22.29	22.23	22.33	22.24	22.28	22.28	22.10	21.93	23.25	24.40	25.69
21	22.36	22.29	22.22	22.35	22.23	22.29	22.30	22.08	21.93	23.35	24.53	25.68
22	22.39	22.29	22.26	22.39	22.19	22.30	22.29	22.04	21.92	23.36	24.75	25.67
23	22.39	22.28	22.27	22.39	22.23	22.30	22.27	22.03	21.91	23.36	24.90	25.67
24	22.38	22.29	22.27	22.36	22.27	22.27	22.22	22.01	21.91	23.36	25.02	25.65
25	22.33	22.29	22.26	22.34	22.27	22.31	22.23	22.01	21.94	23.39	25.01	25.65
26	22.34	22.30	22.28	22.36	22.22	22.31	22.23	21.98	21.95	23.47	24.98	25.64
27	22.33	22.30	22.28	22.32	22.19	22.28	22.22	21.99	21.94	23.56	25.01	25.64
28	22.32	22.27	22.28	22.32	22.20	22.32	22.22	21.99	21.91	23.62	25.05	25.64
29	22.31	22.24	22.28	22.33	---	22.34	22.22	21.99	21.92	23.79	25.08	25.64
30	22.35	22.27	22.28	22.30	---	22.34	22.18	21.96	21.92	23.97	25.13	25.64
31	22.36	---	22.29	22.29	---	22.32	---	21.99	---	23.99	25.14	---
MEAN	22.40	22.30	22.25	22.36	22.26	22.26	22.27	22.09	21.95	22.85	24.42	25.55
MAX	22.47	22.37	22.29	22.42	22.33	22.34	22.35	22.20	21.98	23.99	25.14	25.69
MIN	22.31	22.23	22.19	22.29	22.19	22.20	22.18	21.96	21.91	21.83	23.82	25.11

BUFFALO COUNTY—Continued

404345098560001. Local number 9N 14W 19DD.

LOCATION.--Lat 40° 43'45", long 098° 56'10", SE 1/4 SE 1/4 sec. 19, T.9 N., R.14 W., Hydrologic Unit 10200102, 4.7 mi west-southwest of Gibbon on U.S. Highway 30.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled irrigation water-table well, diameter 24 in., depth 54 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 2,103.75 ft. Measuring point: Hole in pump base 0.33 ft above land-surface datum.

REMARKS.--Water levels in well are affected by pumping of well and of nearby wells for irrigation supplies.

PERIOD OF RECORD.--October 1930 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.55 ft below land-surface datum, June 9, 1931; lowest, 35.20 ft below land-surface datum, Aug. 30, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
APR 09	30.29

CHASE COUNTY

403220101384001. Local number 7N 38W 28CC.

LOCATION.--Lat 40° 32'20", long 101° 38'40", SW 1/4 SW 1/4 sec.28, T.7 N., R.38 W., Hydrologic Unit 10250005, about 0.5 mi north of Imperial.

AQUIFER.--Ogallala Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused observation water-table well, diameter 18 in., depth 143 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 3,284.6 ft. Measuring point: Top of casing 0.30 ft above land-surface datum.

REMARKS.--Recording gage was installed on this well from December 1948 to December 1963. Water levels in well are affected by irrigation pumpage in area.

PERIOD OF RECORD.--December 1944; December 1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 72.82 ft below land-surface datum, June 29, 1964; lowest measured, 114.66 ft below land-surface datum, April 22, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
APR 22	114.66

CHASE COUNTY—Continued

403235101395501. Local number 7N 38W 29CBB.

LOCATION.--Lat 40° 32'35", long 101° 39'55", NW 1/4 NW 1/4 SW 1/4 sec.29, T.7 N., R.38 W., Hydrologic Unit 10250005, 0.5 mi north and 1 mi west of Imperial on U.S. Highway 6, then 0.5 mi north on gravel road.

AQUIFER.--Ogallala Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 5.50 in., depth 230 ft, perforated 190 to 230 ft.

DATUM.--Altitude of land-surface datum is 3,290.30 ft. Measuring point: Top of casing 0.50 ft above land-surface datum.

REMARKS.--Water levels in well are affected by irrigation pumpage in area.

PERIOD OF RECORD.--June 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 55.87 ft below land-surface datum, July 4, 1964; lowest, 104.64 ft below land-surface datum, Sept. 7, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 107.95 ft, Aug. 28, 29; minimum water-level depth below land surface, 101.33 ft, Apr. 15, 16, 18.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103.62	103.26	102.92	102.60	102.17	101.87	101.48	101.58	102.19	103.62	105.84	106.48
2	103.63	103.22	102.82	102.60	102.08	101.87	101.48	101.58	101.97	103.65	106.11	107.20
3	103.63	103.16	102.83	102.59	102.17	101.76	101.50	101.58	101.96	103.71	106.14	107.84
4	103.51	103.16	102.83	102.59	102.17	101.76	101.52	101.42	102.45	104.05	106.11	107.92
5	103.51	103.07	102.83	102.60	102.17	101.76	101.52	101.49	102.48	104.08	106.49	107.88
6	103.54	103.08	102.83	102.60	102.18	101.76	101.53	101.53	102.44	104.15	106.58	107.70
7	103.54	103.08	102.81	102.60	102.18	101.77	101.60	101.53	101.77	103.95	106.60	107.70
8	103.50	103.01	102.82	102.54	102.01	101.81	101.60	101.51	101.75	104.07	106.63	106.78
9	103.52	103.01	102.82	---	102.01	101.81	101.59	101.47	101.65	104.41	106.74	106.55
10	103.52	103.04	102.81	---	102.01	101.81	---	101.51	102.10	104.48	106.81	106.42
11	103.52	103.12	102.79	---	102.01	101.76	---	101.52	102.15	104.48	106.61	106.50
12	103.58	103.12	102.79	---	102.01	101.74	---	101.52	102.20	104.37	106.65	106.44
13	103.58	103.12	102.79	---	102.01	101.74	---	101.50	102.06	104.36	106.89	106.37
14	103.44	103.02	102.79	---	102.02	101.74	---	101.48	102.18	104.98	106.95	106.37
15	103.39	103.04	102.79	102.57	102.08	101.68	---	101.48	102.28	104.99	106.99	106.22
16	103.39	103.04	102.75	102.59	102.08	101.68	---	101.48	102.24	105.05	106.99	106.11
17	103.40	103.01	102.68	102.59	101.91	101.64	---	101.49	102.21	105.26	106.91	106.26
18	103.40	103.01	102.73	102.32	101.91	101.64	---	101.48	102.12	105.31	107.43	106.36
19	103.42	103.01	102.73	102.32	101.91	101.66	---	102.11	101.99	105.38	107.43	106.27
20	103.42	103.02	102.73	102.40	101.91	101.66	---	102.11	101.95	105.41	107.24	106.03
21	103.44	103.02	102.73	102.41	101.89	101.66	---	101.69	101.77	105.46	107.40	106.12
22	103.48	103.02	102.72	102.52	101.89	101.66	---	101.80	101.77	104.52	107.32	106.08
23	103.48	102.92	102.72	102.52	101.94	101.66	101.60	101.80	101.77	104.11	107.83	106.01
24	103.43	102.94	102.72	102.25	101.96	101.63	101.66	101.77	102.16	105.30	107.86	106.10
25	103.30	102.94	102.69	102.33	101.96	101.63	101.66	101.64	102.15	105.66	107.81	106.10
26	103.28	102.93	102.69	102.33	101.86	101.62	101.66	101.60	102.55	105.84	107.90	105.93
27	103.28	102.93	102.69	102.18	101.85	101.62	101.66	101.61	103.06	105.90	107.92	105.94
28	103.28	102.92	102.69	102.27	101.85	101.63	101.66	102.28	103.60	105.80	107.95	105.95
29	103.25	102.92	102.61	102.27	---	101.63	101.65	102.32	103.72	105.77	107.95	105.92
30	103.25	102.92	102.64	102.25	---	101.63	101.59	102.16	103.72	105.92	107.22	105.91
31	103.25	---	102.64	102.18	---	101.55	---	102.20	---	105.92	106.74	---
MEAN	103.44	103.04	102.76	---	102.01	101.70	---	101.69	102.28	104.84	107.03	106.52
MAX	103.63	103.26	102.92	---	102.18	101.87	---	102.32	103.72	105.92	107.95	107.92
MIN	103.25	102.92	102.61	---	101.85	101.55	---	101.42	101.65	103.62	105.84	105.91

CHERRY COUNTY

423205100321501. Local number 30N 28W 36AAA.

LOCATION.--Lat 42° 32'05", long 100° 32'15", NE 1/4 NE 1/4 NE 1/4 sec. 36, T.30 N., R.28 W., Hydrologic Unit 10150004, 8 mi south of the intersection of U.S. Highway 83 and State Highway 483, south of Valentine.

AQUIFER.--Sand deposits of Pleistocene age.

WELL CHARACTERISTICS.--Bored observation water-table well, diameter 1.25 in., depth 12.25 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 2,897.26 ft. Measuring point: Top of casing 3.00 ft above land-surface datum.

REMARKS.--Water levels affected by evapotranspiration.

PERIOD OF RECORD.--October 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, +0.30 ft above land-surface datum, Feb. 6, 1985. Lowest, 1.99 ft below land-surface datum, Oct. 4, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
MAY 15	1.50

COLFAX COUNTY

412810097054501. Local number 17N 3E 4CC.

LOCATION.--Lat 41° 28'10", long 097° 05'45", SW 1/4 SW 1/4, sec. 4, T.17 N., R.3 E., Hydrologic Unit 10200201, 2 mi west and 1 mi north of intersection of U.S. Highway 30 and State Highway 15 in Schuyler.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Driven observation water-table well, diameter 1.25 in., depth 16 ft, screened 14 to 16 ft.

DATUM.--Altitude of land-surface datum is 1,370.58 ft. Measuring point: Top of casing 1.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.70 ft below land-surface datum, May. 9, 1995; lowest, 10.68 ft below land-surface datum, Oct. 29, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	10.00	APR 02	9.12

DAWSON COUNTY

404949099445701. Local number 10N 21W 18DDD.

LOCATION.--Lat 40° 49'49", long 099° 44'57", SE 1/4 SE 1/4 SE 1/4 sec. 18, T. 10 N., R. 21 W., Hydrologic Unit 10200101, 3.5 mi north of the intersection of Route 21 and U.S. Highway 30 in Lexington.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 120 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 2,420.58 ft. Measuring point: Top of casing 0.50 ft above land-surface datum.

REMARKS.--Water levels in well affected by pumpage from nearby irrigation wells and by seepage from irrigation canals.

PERIOD OF RECORD.--July 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.20 ft below land-surface datum, July 24-25, 1993; lowest, 21.50 ft below land-surface datum, July 16, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 14.77 ft, Aug. 31, Sept. 1; minimum water-level depth below land surface, 11.46 ft, June 27, 28.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.87	12.37	12.64	12.96	13.18	13.36	13.50	13.31	12.40	11.54	13.10	14.77
2	11.90	12.34	12.67	12.98	13.22	13.37	13.50	13.27	12.31	11.67	13.08	13.38
3	11.89	12.34	12.70	12.98	13.25	13.36	13.51	13.23	12.27	11.78	13.11	13.07
4	11.88	12.34	12.71	12.99	13.25	13.38	13.54	13.17	12.19	11.84	13.29	12.95
5	11.90	12.37	12.71	13.00	13.25	13.39	13.56	13.12	12.15	12.10	13.94	12.81
6	11.94	12.38	12.69	13.03	13.27	13.38	13.56	13.10	12.08	12.32	14.14	12.82
7	11.93	12.36	12.71	13.03	13.26	13.40	13.59	13.07	12.02	12.45	14.32	12.82
8	11.99	12.35	12.74	13.02	13.26	13.42	13.59	13.02	11.96	12.50	14.33	12.25
9	11.99	12.36	12.73	13.03	13.25	13.42	13.57	12.97	11.92	12.58	13.30	12.19
10	12.00	12.43	12.71	13.04	13.28	13.41	13.55	12.94	11.88	13.30	12.85	12.24
11	12.02	12.47	12.72	13.04	13.28	13.39	13.56	12.90	11.86	13.82	12.89	12.26
12	12.07	12.49	12.74	13.05	13.28	13.41	13.57	12.87	11.80	13.96	12.74	12.26
13	12.09	12.45	12.74	13.07	13.27	13.43	13.57	12.81	11.79	13.98	12.76	12.27
14	12.05	12.47	12.75	13.10	13.30	13.40	13.58	12.80	11.75	13.82	12.80	12.26
15	12.13	12.51	12.74	13.11	13.33	13.39	13.58	12.80	11.72	13.69	12.87	12.26
16	12.13	12.51	12.75	13.13	13.32	13.40	13.58	12.76	11.68	13.75	12.68	12.28
17	12.14	12.49	12.77	13.13	13.29	13.40	13.59	12.76	11.65	14.30	12.68	12.33
18	12.15	12.50	12.80	13.12	13.31	13.42	13.54	12.73	11.62	14.30	12.85	12.38
19	12.19	12.51	12.82	13.11	13.32	13.44	13.57	12.74	11.60	14.18	13.28	12.36
20	12.19	12.51	12.82	13.14	13.31	13.45	13.57	12.75	11.56	14.05	13.00	12.38
21	12.22	12.52	12.82	13.15	13.31	13.45	13.58	12.69	11.53	13.99	13.08	12.43
22	12.27	12.51	12.86	13.18	13.33	13.45	13.58	12.69	11.57	13.68	12.98	12.50
23	12.27	12.54	12.88	13.18	13.35	13.44	13.55	12.67	11.58	13.71	13.25	12.51
24	12.26	12.55	12.88	13.16	13.36	13.44	13.50	12.66	11.58	13.83	13.32	12.59
25	12.26	12.59	12.89	13.18	13.34	13.47	13.50	12.59	11.56	13.92	13.43	12.59
26	12.26	12.65	12.89	13.20	13.34	13.45	13.46	12.57	11.53	13.94	13.62	12.63
27	12.26	12.63	12.90	13.18	13.35	13.50	13.44	12.57	11.49	14.03	13.88	12.68
28	12.26	12.64	12.91	13.21	13.36	13.51	13.41	12.53	11.54	13.43	14.50	12.72
29	12.30	12.62	12.91	13.22	---	13.51	13.39	12.53	11.55	13.44	14.66	12.76
30	12.34	12.66	12.96	13.20	---	13.50	13.33	12.49	11.56	13.41	14.68	12.78
31	12.36	---	12.96	13.21	---	13.49	---	12.47	---	13.23	14.77	---
MEAN	12.11	12.48	12.79	13.10	13.29	13.43	13.53	12.83	11.79	13.31	13.43	12.62
MAX	12.36	12.66	12.96	13.22	13.36	13.51	13.59	13.31	12.40	14.30	14.77	14.77
MIN	11.87	12.34	12.64	12.96	13.18	13.36	13.33	12.47	11.49	11.54	12.68	12.19

DUNDY COUNTY

400155101521302. Local number 1N 40W 29BB2.

LOCATION.--Lat 40° 01'55", long 101° 52'13", NW 1/4 NW 1/4 sec.29, T.1 N., R.40 W., Hydrologic Unit 10250002, 3.5 mi east of Haigler on U.S. Highway 34 and 0.5 mi north. Well is within 0.5 mi of Republican River.

AQUIFER.--Sand and gravel deposits, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 48.8 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 3,205 ft. Measuring point: South side of casing 1.6 ft above land-surface datum.

REMARKS.--Replacement for well 400155101521301, local number 1N 40W 29BB1 with period of record from May 1946 to June 1975. Water levels in well are affected by pumping from nearby irrigation wells, evapotranspiration, and changes in stage of Republican River.

PERIOD OF RECORD.--October 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 15.41 ft below land-surface datum, June 21, 1984; lowest, 31.67 ft below land-surface datum, Aug. 12 and 13, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 30.24 ft, Aug. 6; minimum water-level depth below land surface, 19.93 ft, May 3, 4.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.82	22.92	21.91	21.36	20.76	20.53	20.30	20.06	20.45	23.77	29.76	28.70
2	26.60	22.84	21.94	21.31	20.80	20.52	20.29	20.03	20.40	25.90	29.27	29.44
3	---	22.82	21.93	21.25	20.80	20.44	20.32	20.00	20.31	26.38	29.31	30.02
4	---	22.76	21.89	21.24	20.77	20.46	20.29	20.09	20.26	27.16	29.71	29.03
5	---	22.73	21.85	21.26	20.75	20.43	20.27	20.18	20.23	27.54	30.17	25.78
6	---	22.71	21.82	21.25	20.79	20.45	20.25	20.27	20.19	23.37	30.24	25.06
7	---	22.64	21.81	21.16	20.74	20.45	20.29	20.33	20.17	22.62	26.56	24.75
8	23.56	22.57	21.83	21.10	20.70	20.46	20.28	20.39	20.14	22.37	25.41	27.99
9	23.57	22.56	21.74	21.15	20.68	20.43	20.20	20.41	20.11	26.85	24.88	29.53
10	23.57	22.56	21.72	21.11	20.69	20.36	20.18	20.48	20.14	27.39	24.59	29.62
11	27.44	22.54	21.69	21.09	20.69	20.34	20.16	20.45	20.21	27.95	24.44	26.35
12	25.09	22.53	21.70	21.06	20.69	20.38	20.15	20.30	20.22	24.20	28.54	25.25
13	23.84	22.43	21.66	21.10	20.65	22.78	20.12	20.20	20.19	23.11	29.41	24.79
14	23.51	22.42	21.65	21.09	20.68	23.49	22.69	20.18	20.16	26.83	29.91	24.47
15	23.42	22.42	21.64	21.07	20.70	24.16	23.66	20.14	20.12	27.76	29.92	28.28
16	23.28	22.38	21.61	21.07	20.66	24.59	23.64	20.11	20.09	28.52	26.17	29.31
17	23.24	22.30	21.55	21.00	20.61	22.86	21.02	20.08	20.08	28.58	29.04	29.45
18	27.12	22.34	21.59	20.97	20.61	21.46	20.64	20.07	20.13	28.65	29.71	26.06
19	26.53	22.28	21.59	20.94	20.61	21.17	20.54	20.10	20.23	24.43	27.80	25.15
20	26.53	22.25	21.52	20.97	20.57	20.98	20.46	20.09	20.29	23.65	25.41	24.80
21	27.65	22.21	21.52	20.97	20.55	20.86	20.38	19.99	20.41	26.80	24.74	24.47
22	26.53	22.19	21.51	21.00	20.56	20.76	20.29	20.10	20.58	28.41	24.41	24.30
23	23.82	22.19	21.51	20.94	20.61	20.66	20.20	20.21	20.66	28.93	24.19	24.09
24	23.50	22.17	21.45	20.90	20.61	20.61	20.19	20.26	20.73	29.09	24.03	24.22
25	23.31	22.13	21.45	20.92	20.52	20.57	20.17	20.33	23.57	27.12	27.57	24.23
26	23.25	22.12	21.43	20.90	20.50	20.49	20.11	20.38	21.85	28.36	28.87	24.31
27	23.15	22.04	21.41	20.82	20.50	20.48	20.13	20.44	20.96	28.94	29.24	24.34
28	23.07	22.03	21.37	20.88	20.49	20.46	20.09	20.46	20.99	29.38	29.77	24.34
29	23.03	22.00	21.34	20.87	---	20.45	20.06	20.35	21.07	29.38	29.99	24.37
30	23.02	22.00	21.42	20.87	---	20.40	20.05	20.49	22.18	28.87	28.52	24.33
31	22.95	---	21.34	20.86	---	20.35	---	20.49	---	29.58	25.69	---
MEAN	---	22.40	21.63	21.05	20.65	21.06	20.58	20.24	20.57	26.84	27.65	26.23
MAX	---	22.92	21.94	21.36	20.80	24.59	23.66	20.49	23.57	29.58	30.24	30.02
MIN	---	22.00	21.34	20.82	20.49	20.34	20.05	19.99	20.08	22.37	24.03	24.09

FILLMORE COUNTY

402504097432201. Local number 5N 4W 12BDC.

LOCATION.--Lat 40° 25'04", long 097° 43'22", SW 1/4 SE 1/4 NW 1/4 sec.12, T. 5 N., R. 4 W., Hydrologic Unit 10270206, one-half block south of fire station on principal north-south street in Shickley.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 5 in., depth 260.0 ft, perforated 100 to 260 ft.

DATUM.--Altitude of land-surface datum is 1651 ft. Measuring point: Top of casing 2.45 ft above land-surface datum.

REMARKS.--Replacement for 402450097434001, local number 5N 4W 12BC, period of record October 1956 to September 1977. Water levels in well affected by pumping from nearby municipal and irrigation wells.

PERIOD OF RECORD.--June 1977 to corrent year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 90.53 ft below land-surface datum, May 4, 1999; lowest, 101.45 ft (corrected) below land-surface datum, Sept. 15, 1991 (corrected).

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	96.60	DEC 03	96.11	FEB 19	95.06	APR 10	94.24	JUN 05	93.76	AUG 06	96.64
NOV 04	96.20	JAN 13	95.38	MAR 06	94.59	MAY 07	94.10	JUL 09	94.42	SEP 03	98.24

WATER YEAR 2003 HIGHEST 93.76 JUN 05, 2003 LOWEST 98.24 SEP 03, 2003

403800097300701. Local number 8N 2W 26AD.

LOCATION.--Lat 40° 38'00", long 097° 30'07", SE 1/4 NE 1/4 sec.26, T.8 N., R.2 W., Hydrologic Unit 10270203, 2.5 mi west on Route 6 from the principal street of Exeter, then 0.4 mi south.

AQUIFER.--Loess of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 40 ft, perforated 25 to 40 ft.

DATUM.--Altitude of land-surface datum is 1,610 ft. Measuring point: Top of casing at land-surface datum.

REMARKS.--Perched aquifer, water levels affected by infiltration and deep percolation of applied irrigation water pumped from deeper aquifer.

PERIOD OF RECORD.--October 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.03 ft below land-surface datum, Mar. 24, 1987; lowest, 24.16 ft below land-surface datum, July 10, 1958.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08	13.32	DEC 03	13.30	FEB 17	13.67	APR 14	13.57	JUN 05	11.70	AUG 06	11.84
NOV 06	13.34	JAN 13	13.50	MAR 06	13.59	MAY 12	12.99	JUL 08	10.68	SEP 03	13.71

WATER YEAR 2003 HIGHEST 10.68 JUL 08, 2003 LOWEST 13.71 SEP 03, 2003

GOSPER COUNTY

403626099451401. Local number 7N 21W 6BC.

LOCATION.--Lat 40° 36'26", long 099° 45'14", SW 1/4 NW 1/4 sec. 6, T.7 N., R.21 W., Hydrologic Unit 10200101, 1 mi west and 2 mi north of Smithfield.

AQUIFER.--Ogallala Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in., depth 132 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 2,466.95 ft. Measuring point: Top of casing 0.40 ft above land-surface datum.

REMARKS.--Water levels in well affected by pumping from nearby irrigation wells and by infiltration and deep percolation from nearby irrigation canal.

PERIOD OF RECORD.--September 1934 to July 1940; January 1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.92 ft below land-surface datum, May 10, 2000; lowest, 117.80 ft below land-surface datum, Sept. 26, 1935.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
MAY 05	32.01

HALL COUNTY

405315098304302. Local number 11N 11W 25CC2.

LOCATION.--Lat 40° 53'15", long 098° 30'43", SW 1/4 SW 1/4 sec.25, T.11 N., R.11 W., Hydrologic Unit 10200103, 1.0 mi north and 2.0 mi west of Alda.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 65 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,924.0 ft. Measuring point: Top of casing 2.00 ft above land-surface datum.

REMARKS.--Replacement for 405315098304301, local number 11N 11W 25° CC, period of record October 1946 to November 1977. Water levels in wells affected by pumping from nearby wells during irrigation season.

PERIOD OF RECORD.-- April 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.12 ft below land-surface datum, June 27, 29, 1999; lowest, 25.98 ft below land-surface datum, Aug. 31, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 23.30 ft, Sept. 7, 2003; minimum water-level depth below land surface, 20.55 ft, July 2, 3, 4.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.10	21.22	21.17	21.12	21.05	21.00	20.97	20.99	20.73	20.57	22.00	23.18
2	21.11	21.20	21.17	21.12	21.03	21.00	20.96	20.99	20.73	20.56	22.05	23.21
3	21.12	21.18	21.18	21.12	21.06	21.00	20.96	20.98	20.71	20.55	22.10	23.23
4	21.13	21.18	21.18	21.10	21.07	20.99	20.97	20.97	20.71	20.61	22.14	23.25
5	21.13	21.18	21.18	21.12	21.07	20.99	20.99	20.95	20.70	20.66	22.17	23.27
6	21.13	21.19	21.16	21.14	21.07	20.99	20.99	20.95	20.70	20.72	22.21	23.28
7	21.13	21.18	21.16	21.13	21.07	21.00	21.00	20.94	20.69	20.76	22.25	---
8	21.13	21.15	21.17	21.10	21.05	21.01	21.01	20.93	20.69	20.80	22.30	---
9	21.14	21.13	21.17	21.09	21.05	21.01	21.00	20.91	20.68	20.85	22.36	---
10	21.15	21.16	21.14	21.09	21.04	21.01	20.99	20.90	20.68	20.90	22.39	---
11	21.15	21.19	21.13	21.09	21.04	20.99	20.99	20.89	20.67	20.95	22.43	---
12	21.15	21.20	21.14	21.09	21.05	20.98	20.99	20.89	20.67	21.00	22.47	---
13	21.16	21.20	21.14	21.09	21.04	21.00	20.98	20.88	20.66	21.07	22.50	---
14	21.15	21.18	21.13	21.10	21.03	21.00	20.98	20.86	20.66	21.13	22.53	---
15	21.16	21.20	21.13	21.10	21.06	20.98	20.97	20.87	20.66	21.17	22.57	---
16	21.16	21.20	21.12	21.10	21.06	20.98	20.98	20.86	20.66	21.22	22.60	---
17	21.16	21.18	21.12	21.10	21.04	20.98	21.00	20.86	20.65	21.28	22.64	---
18	21.15	21.18	21.13	21.08	21.02	20.97	20.98	20.86	20.65	21.34	22.68	---
19	21.17	21.18	21.14	21.08	21.03	20.97	20.98	20.87	20.63	21.39	22.72	---
20	21.17	21.18	21.14	21.07	21.03	20.98	20.99	20.87	20.63	21.42	22.75	---
21	21.17	21.18	21.13	21.08	21.01	20.99	21.00	20.86	20.62	21.46	22.78	---
22	21.18	21.18	21.15	21.10	21.00	20.99	21.00	20.83	20.61	21.49	22.83	---
23	21.18	21.18	21.15	21.10	21.02	20.98	20.99	20.81	20.61	21.54	22.87	---
24	21.18	21.18	21.15	21.09	21.04	20.97	20.98	20.80	20.60	21.59	22.91	---
25	21.17	21.18	21.14	21.07	21.04	20.98	20.98	20.79	20.60	21.66	22.95	---
26	21.18	21.19	21.14	21.08	21.02	20.98	20.98	20.78	20.60	21.73	22.99	---
27	21.18	21.19	21.13	21.07	21.00	20.97	20.98	20.78	20.59	21.79	23.02	---
28	21.17	21.17	21.12	21.06	21.00	20.99	20.98	20.76	20.58	21.82	23.05	---
29	21.18	21.16	21.12	21.07	---	21.00	20.99	20.75	20.58	21.87	23.08	---
30	21.19	21.18	21.12	21.07	---	21.00	20.99	20.74	20.58	21.91	23.12	---
31	21.21	---	21.12	21.05	---	20.99	---	20.73	---	21.95	23.16	---
MEAN	21.16	21.18	21.14	21.09	21.04	20.99	20.98	20.87	20.65	21.22	22.60	---
MAX	21.21	21.22	21.18	21.14	21.07	21.01	21.01	20.99	20.73	21.95	23.16	---
MIN	21.10	21.13	21.12	21.05	21.00	20.97	20.96	20.73	20.58	20.55	22.00	---

HAMILTON COUNTY

404836097584101 Local number 10N 6W 27ACAA.

LOCATION.--Lat 40° 48'36", long 097° 58'41", NE 1/4 NE 1/4 SW 1/4 NE 1/4 sec.27, T.10 N., R.6 W., Hydrologic Unit 10270203, 4.0 mi south of junction of Route 14 and U.S. Highway 34 in Aurora, then 1.0 mi east and 0.3 mi south.

AQUIFER.--Sand and gravel deposits of the Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 170 ft, casing perforated below water-table.

DATUM.--Altitude of land surface datum is 1791.3 ft. Measuring point: Top of casing 1.5 ft above land surface datum.

REMARKS.--Replacement for well 404825097583301. Local number 10N-6W-26BC with period of record March 1956 to March 1982 located across the county road to the east.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.31 ft below land-surface datum, June 5, 2000; lowest, 107.40 ft below land-surface datum, Aug. 24, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	92.75	OCT 15	92.34	OCT 31	91.88	JAN 08	90.33	APR 09	89.22	JUL 02	88.50
05	92.68	20	92.10	NOV 06	91.73	FEB 18	89.78	MAY 05	89.04	AUG 12	96.11
10	92.43	25	91.97	DEC 02	91.19	MAR 11	89.45	JUN 10	88.78	SEP 15	96.94

WATER YEAR 2003 HIGHEST 88.50 JUL 02, 2003 LOWEST 96.94 SEP 15, 2003

405514097573901. Local number 11N 6W 13CB.

LOCATION.--Lat 40° 55'14", long 097° 57'39", NW 1/4 SW 1/4 sec.13, T.11 N., R.6 W., Hydrologic Unit 10270201, 2 mi east and 3.5 mi north of Aurora.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled irrigation water-table well, diameter 24 in., depth 194 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,812.2 ft. Measuring point: Hole in south side turbine base at land-surface datum.

REMARKS.--Water levels affected by pumping during irrigation season.

PERIOD OF RECORD.--September 1934 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.30 ft below land-surface datum, May 15, 1995; lowest, 117.18 ft below land-surface datum, Nov. 15, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
APR 15	99.61

HOLT COUNTY

421605098203001. Local number 27N 9W 34DA.

LOCATION.--Lat 42° 16'05", long 098° 20'30", NE 1/4 SE 1/4 sec.34, T.27 N., R.9 W., Hydrologic Unit 10220001, 0.5 mi north of Ewing.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 1 in., depth 17 ft, screened 15 to 17 ft.

DATUM.--Altitude of land-surface datum is 1,841 ft. Measuring point: Top of casing 1.10 ft above land-surface datum.

PERIOD OF RECORD.--December 1934 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.34 ft below land-surface datum, Apr. 9, 1984; lowest, 9.90 ft below land-surface datum, Sept. 1, 1948.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
MAY 06	7.79

HOLT COUNTY—Continued

423148098300601. Local number 30N 10W 32DAA.

LOCATION.--Lat 42° 31'48", long 098° 30'06", NE 1/4 NE 1/4 SE 1/4 sec.32, T.30 N., R.10 W., Hydrologic Unit 10150007, 2 mi east on paved road from O'Neill, then 2 mi north, 4 mi east, 2 mi north, 2 mi east, and 0.5 mi north.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 85 ft, perforated 25.5 to 85 ft.

DATUM.--Altitude of land-surface datum is 1,952 ft. Measuring point: Top of casing 1.00 ft above land-surface datum.

REMARKS.--Water levels in this well affected by withdrawals by nearby irrigation wells completed in this aquifer and withdrawals from a deeper aquifer which has resulted in water movement from the upper aquifer to the deeper aquifer.

PERIOD OF RECORD.--October 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 35.41 ft below land-surface datum, Oct. 21, 1966; lowest, 53.72 ft below land-surface datum, Sept. 15, 20, 25, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 49.16 ft, Sept. 29, 30; minimum water-level depth below land surface, 46.49 ft, Oct. 4.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46.53	46.72	46.78	46.80	46.71	46.70	46.60	46.57	46.58	46.77	47.49	48.48
2	46.54	46.71	46.81	46.81	46.72	46.71	46.60	46.58	46.58	46.76	47.52	48.51
3	46.53	46.72	46.81	46.80	46.74	46.68	46.61	46.57	46.59	46.80	47.55	48.55
4	46.55	46.72	46.81	46.79	46.75	46.68	46.62	46.54	46.59	46.81	47.58	48.57
5	46.56	46.72	46.81	46.83	46.75	46.68	46.64	46.56	46.59	46.83	47.61	48.62
6	46.58	46.73	46.79	46.83	46.77	46.68	46.62	46.58	46.59	46.82	47.65	48.65
7	46.58	46.72	46.81	46.80	46.76	46.69	46.64	46.58	46.60	46.85	47.69	48.69
8	46.58	46.69	46.83	46.76	46.72	46.71	46.65	46.57	46.61	46.85	47.72	48.73
9	46.58	46.71	46.81	46.79	46.72	46.71	46.64	46.57	46.61	46.86	47.75	48.76
10	46.58	46.74	46.77	46.80	46.72	46.70	46.60	46.57	46.63	46.87	47.77	48.81
11	46.60	46.76	46.77	46.80	46.73	46.66	46.60	46.58	46.63	46.89	47.80	48.83
12	46.62	46.76	46.79	46.79	46.74	46.68	46.60	46.58	46.64	46.90	47.84	48.88
13	46.62	46.75	46.79	46.80	46.73	46.68	46.59	46.56	46.65	46.91	47.86	48.90
14	46.62	46.75	46.78	46.81	46.73	46.66	46.57	46.56	46.66	46.92	47.89	48.93
15	46.63	46.77	46.76	46.80	46.76	46.64	46.56	46.56	46.66	46.95	47.92	48.95
16	46.63	46.77	46.77	46.81	46.76	46.64	46.60	46.56	46.66	46.97	47.94	48.97
17	46.63	46.74	46.75	46.80	46.70	46.64	46.60	46.56	46.66	47.00	47.97	49.02
18	46.65	46.77	46.77	46.76	46.72	46.65	46.59	46.55	46.65	47.02	48.00	49.02
19	46.65	46.77	46.78	46.75	46.72	46.65	46.60	46.58	46.67	47.04	48.03	49.04
20	46.65	46.77	46.78	46.78	46.70	46.65	46.61	46.59	46.66	47.08	48.06	49.06
21	46.66	46.78	46.79	46.79	46.70	46.65	46.61	46.58	46.66	47.12	48.10	49.07
22	46.68	46.77	46.82	46.81	46.70	46.65	46.61	46.56	46.69	47.13	48.13	49.08
23	46.69	46.78	46.82	46.81	46.72	46.64	46.58	46.57	46.70	47.16	48.17	49.09
24	46.68	46.79	46.81	46.76	46.74	46.64	46.57	46.57	46.73	47.19	48.21	49.11
25	46.68	46.79	46.80	46.79	46.72	46.64	46.58	46.58	46.75	47.23	48.23	49.11
26	46.69	46.81	46.80	46.79	46.69	46.64	46.57	46.59	46.75	---	48.27	49.12
27	46.69	46.79	46.80	46.73	46.69	46.63	46.58	46.59	46.76	---	48.29	49.14
28	46.69	46.78	46.78	46.76	46.69	46.65	46.59	46.59	46.77	---	48.34	49.14
29	46.70	46.79	46.76	46.77	---	46.67	46.57	46.58	46.78	47.39	48.38	49.16
30	46.71	46.80	46.80	46.73	---	46.66	46.57	46.59	46.78	47.41	48.39	49.16
31	46.72	---	46.80	46.74	---	46.62	---	46.59	---	47.45	48.44	---
MEAN	46.63	46.76	46.79	46.79	46.73	46.66	46.60	46.57	46.66	---	47.95	48.91
MAX	46.72	46.81	46.83	46.83	46.77	46.71	46.65	46.59	46.78	---	48.44	49.16
MIN	46.53	46.69	46.75	46.73	46.69	46.62	46.56	46.54	46.58	---	47.49	48.48

HOLT COUNTY—Continued

423730098560001. Local number 31N 14W 27DDD.

LOCATION.--Lat 42° 37'30", long 098° 56'00", SE 1/4 SE 1/4 SE 1/4 sec.27, T.31 N., R.14 W., Hydrologic Unit 10150007, 6 mi north from Atkinson on Route 11, then 2 mi east.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 72 ft, perforated 32 to 72 ft.

DATUM.--Altitude of land-surface datum is 2,080 ft. Measuring point: Top of casing at land-surface datum.

REMARKS.--Water levels in well affected by pumping of nearby wells during irrigation season.

PERIOD OF RECORD.--July 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 28.72 ft below land-surface datum, July 3, 1995; lowest, 43.30 ft below land-surface datum, Sept. 10, 1976.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 40.32 ft, Sept. 12, 13, 14, 15, 16; minimum water-level depth below land surface, 35.69 ft, on several days.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.07	36.70	36.44	36.23	36.05	35.92	35.81	35.74	35.82	35.96	38.14	39.96
2	37.06	36.69	36.43	36.23	36.04	35.92	35.81	35.74	35.85	36.04	38.20	40.02
3	37.04	36.68	36.43	36.22	36.04	35.91	35.80	35.74	35.88	36.13	38.27	40.08
4	37.02	36.67	36.43	36.21	36.04	35.90	35.81	35.73	35.89	36.17	38.34	40.09
5	37.01	36.65	36.42	36.20	36.04	35.90	35.81	35.72	35.90	36.18	38.42	40.11
6	36.99	36.64	36.41	36.21	36.04	35.89	35.81	35.73	35.90	36.20	38.49	40.12
7	36.98	36.63	36.40	36.20	36.04	35.90	35.80	35.73	35.89	36.22	38.57	40.16
8	36.97	36.62	36.39	36.19	36.02	35.90	35.81	35.73	35.89	36.29	38.64	40.21
9	36.95	36.61	36.39	36.18	36.02	35.91	35.81	35.71	35.88	36.36	38.72	40.27
10	36.94	36.60	36.38	36.18	36.00	35.91	35.79	35.71	35.86	36.43	38.73	40.30
11	36.92	36.59	36.36	36.18	36.00	35.89	35.78	35.72	35.86	36.51	38.74	40.31
12	36.91	36.59	36.36	36.17	36.00	35.88	35.78	35.72	35.85	36.59	38.75	40.32
13	36.90	36.59	36.35	36.16	36.00	35.89	35.77	35.72	35.85	36.68	38.79	40.32
14	36.89	36.57	36.34	36.16	35.99	35.88	35.77	35.71	35.88	36.77	38.85	40.32
15	36.88	36.57	36.34	36.16	36.00	35.87	35.77	35.70	35.93	36.85	38.92	40.32
16	36.87	36.56	36.33	36.15	36.00	35.86	35.77	35.70	36.01	36.95	38.98	40.32
17	36.85	36.55	36.32	36.15	35.98	35.86	35.77	35.70	36.06	37.04	39.04	40.31
18	36.83	36.54	36.30	36.14	35.97	35.85	35.77	35.70	36.08	37.13	39.09	40.30
19	36.82	36.54	36.30	36.13	35.97	35.85	35.76	35.71	36.09	37.21	39.14	40.30
20	36.81	36.53	36.30	36.12	35.96	35.85	35.76	35.72	36.09	37.31	39.19	40.30
21	36.80	36.52	36.29	36.12	35.96	35.85	35.76	35.71	36.08	37.39	39.25	40.29
22	36.79	36.52	36.29	36.12	35.95	35.85	35.76	35.70	36.06	37.49	39.32	40.28
23	36.79	36.50	36.29	36.12	35.95	35.84	35.75	35.69	36.05	37.57	39.39	40.26
24	36.78	36.50	36.28	36.11	35.95	35.84	35.74	35.69	36.03	37.65	39.46	40.24
25	36.77	36.50	36.28	36.10	35.95	35.84	35.74	35.69	36.01	37.73	39.53	40.22
26	36.75	36.49	36.27	36.10	35.94	35.84	35.74	35.69	36.01	37.81	39.60	40.20
27	36.74	36.49	36.26	36.09	35.93	35.83	35.73	35.69	35.99	37.87	39.66	40.18
28	36.73	36.48	36.25	36.08	35.92	35.83	35.73	35.69	35.97	37.88	39.72	40.16
29	36.72	36.47	36.24	36.08	---	35.84	35.73	35.70	35.96	37.92	39.76	40.13
30	36.71	36.45	36.24	36.07	---	35.84	35.73	35.74	35.94	38.00	39.82	40.12
31	36.71	---	36.24	36.06	---	35.83	---	35.79	---	38.06	39.90	---
MEAN	36.87	36.57	36.33	36.15	35.99	35.87	35.77	35.71	35.95	36.98	39.01	40.22
MAX	37.07	36.70	36.44	36.23	36.05	35.92	35.81	35.79	36.09	38.06	39.90	40.32
MIN	36.71	36.45	36.24	36.06	35.92	35.83	35.73	35.69	35.82	35.96	38.14	39.96

HOOKER COUNTY

420204101200502. Local number 24N 35W 23DC2.

LOCATION.--Lat 42° 02'04", long 101° 20'05", SW 1/4 SE 1/4 sec.23, T.24 N., R.35 W., Hydrologic Unit 10210001, Approximately 5.2 mi west of Heclaon the south side of State Highway 2.

AQUIFER.--Fine sand of Pleistocene age.

WELL CHARACTERISTICS.--Driven observation water-table well, diameter 2 in., depth 18 ft, perforated 15 to 18 ft.

DATUM.--Altitude of land-surface datum is 3,437 ft. Measuring point: Top of casing 1.90 ft above land-surface datum.

REMARKS.--Starting in December 1998, recorder instrument set to and read as depth below measuring point.

PERIOD OF RECORD.--December 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.64 ft below land-surface datum, April 29-30, 2001; lowest, 8.26 ft below land-surface datum, Nov. 2, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 8.26 ft, Nov. 2; minimum water-level depth below land surface, 4.01 ft, May 12, 19.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.86	8.25	6.27	---	---	---	5.19	5.08	4.97	5.25	---	7.55
2	7.87	8.26	6.26	---	---	---	5.22	5.00	4.99	5.28	---	7.59
3	7.88	8.21	6.26	---	---	---	5.27	4.95	5.01	5.29	---	7.60
4	7.90	7.80	6.24	---	---	---	5.31	4.79	5.03	5.28	---	7.64
5	7.92	7.57	6.23	---	---	---	5.32	4.54	5.04	5.28	6.76	7.66
6	7.94	7.45	6.21	---	---	---	5.33	4.49	5.07	5.32	6.80	7.69
7	7.95	7.33	6.18	---	---	---	5.37	4.45	5.06	5.38	6.84	7.71
8	7.97	7.21	6.15	---	---	5.35	5.37	4.40	5.03	5.37	6.88	7.73
9	7.98	7.10	6.12	---	---	5.31	5.25	4.34	5.06	5.42	6.90	7.76
10	7.99	7.01	6.09	---	---	5.29	5.17	4.30	5.09	5.44	6.86	7.78
11	8.01	6.94	6.07	---	---	5.29	5.17	4.11	5.09	5.46	6.92	7.80
12	8.03	6.88	6.06	---	---	5.33	5.14	4.07	5.11	5.46	6.96	7.82
13	8.04	6.81	---	---	---	5.35	5.13	4.17	5.09	5.47	6.99	7.85
14	8.06	6.75	---	---	---	5.33	5.15	4.21	5.01	5.53	7.02	7.87
15	8.07	6.70	---	---	---	5.34	5.16	4.26	5.02	5.59	7.05	7.89
16	8.08	6.66	---	---	---	5.34	5.22	4.32	5.04	5.67	7.07	7.91
17	8.09	6.62	---	---	---	5.32	5.22	4.40	5.06	5.76	7.11	7.95
18	8.11	6.59	---	---	---	5.30	5.20	4.47	5.08	5.84	7.15	7.96
19	8.12	6.56	---	---	---	5.26	5.18	4.18	5.10	5.87	7.18	7.99
20	8.14	6.55	---	---	---	5.19	5.22	4.30	5.09	5.94	7.22	8.02
21	8.15	6.52	---	---	---	5.17	5.22	4.44	5.10	6.07	7.25	8.03
22	8.17	6.49	---	---	---	5.17	5.21	4.54	5.11	6.13	7.28	8.05
23	8.18	6.45	---	---	---	5.17	5.21	4.60	5.10	6.14	7.31	8.06
24	8.17	6.43	---	---	---	5.18	5.24	4.66	5.12	6.11	7.35	8.08
25	8.17	6.40	---	---	---	5.19	5.25	4.71	5.14	6.29	7.38	8.09
26	8.18	6.37	---	---	---	5.18	5.27	4.76	5.15	6.40	7.41	8.11
27	8.19	6.33	---	---	---	5.18	5.30	4.81	5.18	6.44	7.43	8.13
28	8.20	6.31	---	---	---	5.21	5.31	4.85	5.21	6.47	7.45	8.15
29	8.21	6.30	---	---	---	5.24	5.31	4.87	5.23	---	7.49	8.17
30	8.23	6.29	---	---	---	5.24	5.23	4.93	5.24	---	7.51	8.19
31	8.24	---	---	---	---	5.20	---	4.94	---	---	7.53	---
MEAN	8.07	6.90	---	---	---	---	5.24	4.55	5.09	---	---	7.89
MAX	8.24	8.26	---	---	---	---	5.37	5.08	5.24	---	---	8.19
MIN	7.86	6.29	---	---	---	---	5.13	4.07	4.97	---	---	7.55

KEARNEY COUNTY

402625098594501. Local number 6N 15W 34DC.

LOCATION.--Lat 40° 26'16", long 098° 59'40", SW 1/4 SE 1/4 sec.34, T.6 N., R.15 W., Hydrologic Unit 10270206, 4.5 mi south and 2.5 mi west of the junction of Route 10 and U.S. Highway 34 near Minden.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 210 ft, cased with steel, perforated 190 to 210 ft.

DATUM.--Altitude of land-surface datum is 2,181 ft. Measuring point: Top of casing 1.00 ft above land-surface datum.

REMARKS.--Replacement for 402615099000001, local number 5N 15W 3BA1, period of record August 1947 to September 1967. Water levels in well affected by seepage losses from nearby canals and by pumping of nearby wells during irrigation season.

PERIOD OF RECORD.--October 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 62.82 ft below land-surface datum, June 2, 1999; lowest, 119.05 ft below land-surface datum, July 25, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
APR 24	66.78

KIMBALL COUNTY

411416103361101. Local number 15N 55W 26CCC.

LOCATION.--Lat 41° 14'10", long 103° 36'19", SW 1/4 SW 1/4 SW 1/4 sec.26, T.15 N., R.55 W., Hydrologic Unit 10190016, east of intersection of U.S. Highway 30 and State Highway 71 in Kimball.

AQUIFER.--Ogallala Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled irrigation water-table well, diameter 24 in., depth 124 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 4,658.3 ft. Measuring point: Top of casing 0.00 ft above land-surface datum.

REMARKS.--Local well number formerly listed as 15N 55W 26° CC. Replacement for 411600103393501, local number 15N 55W 17CC1, period of record January 1935 to November 1942; June 1950 to October 1975.

PERIOD OF RECORD.--January 1936 to October 1937; January 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.82 ft below land-surface datum, Jan. 2, 1936; lowest, 55.43 ft below land-surface datum, April 4, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 04	55.43	APR 29	40.6

LANCASTER COUNTY

403929096401001. Local number 8N 7E 18DDB.

LOCATION.--Lat 40° 39'29", long 096° 40'10", NW 1/4 SE 1/4 SE 1/4 sec.18, T.8 N., R.7 E., Hydrologic Unit 10200203, 0.6 mi west of Roca.

AQUIFER.--Sand and gravel deposits, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 41 ft, perforated 36 to 41 ft.

DATUM.--Altitude of land-surface datum is 1,215 ft. Measuring point: Top of casing 2.00 ft above land-surface datum.

REMARKS.--Water level not measured during 1984 water year.

PERIOD OF RECORD.--June 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.63 ft below land-surface datum, Aug. 25, 1954; lowest, 14.87 ft below land-surface datum, Oct. 18, 1991.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	12.38	SEP 29	13.39

LANCASTER COUNTY—Continued

403833096385501. Local number 8N 7E 20DDA.

LOCATION.--Lat 40° 38'33", long 096° 38'55", NE 1/4 SE 1/4 SE 1/4 sec.20, T.8 N., R.7 E., Hydrologic Unit 10200203, 0.5 mi east and 1.1 mi south of Roca.

AQUIFER.--Sand and gravel deposits, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 32.5 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,243 ft. Measuring point: Top of casing 1.00 ft above land-surface datum.

REMARKS.--Water level not measured during 1984 water year.

PERIOD OF RECORD.--June 1954 to current year.

REVISED RECORDS.--WDR NE-97: Highest water level above land-surface datum.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, +0.16 ft above land-surface datum, Mar. 27, 1960; lowest, 13.39 ft below land-surface datum, Sept. 29, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	8.05	SEP 29	13.39

404706096413001. Local number 10N 6E 36CDD.

LOCATION.--Lat 40° 47'06", long 096° 41'30", SE 1/4 SE 1/4 SW 1/4 sec.36, T.10 N., R.6 E., Hydrologic Unit 10200203, in Irvingdale Park on the north side of Van Dorn Street between 19th and 20th Streets in Lincoln.

AQUIFER.--Dakota Formation of Lower Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in., depth 170 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,200 ft. Measuring point: Top of casing 1.60 ft above land-surface datum.

REMARKS.--Recorder removed in January 1983. Well measured in spring and fall thereafter.

PERIOD OF RECORD.--August 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 45.07 ft below land-surface datum, Oct. 26, 1987; lowest 71.19 ft below land-surface datum, Sept. 5, 1956.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	46.96	APR 15	46.60	SEP 29	47.26

MC PHERSON COUNTY

413130100531201. Local number 18N 31W 16DD.

LOCATION.--Lat 41° 31'30", long 100° 53'18", SE 1/4 SE 1/4 sec.16, T.18 N., R.31 W., Hydrologic Unit 10210004, Approximately 4.0 mi east and 2.0 mi south of Tryon.

AQUIFER.--Fine sand of Pleistocene age.

WELL CHARACTERISTICS.--Observation water-table well, diameter 2 in., depth 120 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 3,219.6 ft. Measuring point: Top of casing 0.30 ft above land-surface datum.

PERIOD OF RECORD.--November 1934 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 103.93 ft below land-surface datum, May 28, 2003; lowest, 112.25 ft below land-surface datum, November 14, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
MAY 28	103.93

NUCKOLLS COUNTY

400240098111301. Local number 1N 8W 23AB.

LOCATION.--Lat 40° 02'40", long 098° 11'13", NW 1/4 NE 1/4 sec.23, T.1 N., R.8 W., Hydrologic Unit 10250016, 0.5 mi south and 0.5 mi west of Bostwick.

AQUIFER.--Loess of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 18 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,598.15 ft. Measuring point: Top of casing 1.50 ft above land-surface datum.

PERIOD OF RECORD.--April 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.02 ft below land-surface datum, July 29, 1951; lowest, 7.91 ft below land-surface datum, July 8-9, 1950.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
MAY 02	4.07

PHELPS COUNTY

403123099261501. Local number 6N 19W 2AA.

LOCATION.--Lat 40° 31'28", long 099° 26'13", NE 1/4 NE 1/4 sec.2, T.6 N., R.19 W., Hydrologic Unit 10200101, 10 mi east of Bertrand.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 1 in., depth 151 ft, screened 149 to 151 ft.

DATUM.--Altitude of land-surface datum is 2,359.1 ft. Measuring point: Top of casing 1.00 ft above land-surface datum.

REMARKS.--Water levels in well affected by seepage losses from nearby irrigation canal.

PERIOD OF RECORD.--March 1945 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.59 ft below land-surface datum, Oct. 15, 1996; lowest, 123.70 ft below land-surface datum, Mar. 9, 1945.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	39.8	APR 24	40.88

PLATTE COUNTY

412955097192001. Local number 18N 1E 28CD.

LOCATION.--Lat 41° 29'55", long 097° 19'20", SE 1/4 SW 1/4 sec.28, T.18 N., R.1 E., Hydrologic Unit 10200201, 3 mi south and 8.5 mi east of Platte Center.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 2 in., depth 99 ft, screened 97 to 99 ft.

DATUM.--Altitude of land-surface datum is 1,511.8 ft. Measuring point: Top of casing 3.50 ft above land-surface datum.

PERIOD OF RECORD.--November 1935 to August 1940; March 1942 to November 1953; November 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.30 ft (corrected) below land-surface datum, Mar. 27, Apr.24, 1940; lowest, 69.81 ft (corrected) below land-surface datum, Oct. 9, 1958.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
APR 28	66.74

SALINE COUNTY

403855097072501. Local number 8N 3E 19ADA.

LOCATION.--Lat 40° 38'55", long 097° 07'25", NE 1/4 SE 1/4 NE 1/4 sec.19, T.8 N., R.3 E., Hydrologic Unit 10270202, west edge of Dorchester, on west side of Route 15 between U.S. Highway and Route 33.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 5 in., depth 151 ft, perforated 142 to 151 ft.

DATUM.--Altitude of land-surface datum is 1,496 ft. Measuring point: Top of casing at land-surface datum.

REMARKS.--Water levels in well affected by pumping of nearby wells during irrigation season.

PERIOD OF RECORD.--October 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 93.26 ft below land-surface datum, May 4, 1999; lowest, 107.15 ft below land-surface datum, Aug. 05, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	101.62	JAN 13	100.51	APR 14	99.48	JUN 05	99.39	SEP 02	104.80		
NOV 06	101.42	FEB 17	99.85	22	99.48	JUL 08	100.43				
DEC 03	101.30	MAR 06	99.63	MAY 12	99.86	AUG 04	103.41				

WATER YEAR 2003 HIGHEST 99.39 JUN 05, 2003 LOWEST 104.80 SEP 02, 2003

SARPY COUNTY

410308096190701. Local number 13N 10E 32DBBA.

LOCATION.--Lat 41° 03'08", long 096° 19'07", NE 1/4 NW 1/4 NW 1/4 SE 1/4 sec.32, T.13N., R.10 E., Hydrologic Unit 10200202, 0.5 mi south of northern end of Platte River Island 2.5 mi northeast of Ashland and approximately 1 mi south of U.S. Highway 6 and Linoma Beach Road.

AQUIFER.--Alluvial sand and gravel deposits of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 83 ft, screened 43 to 83 ft., casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1056.4 ft. Measuring point: Top of casing 4.40 ft above land-surface datum.

REMARKS.--Water levels in well affected by Platte River stages. GOES system installed 1992.

PERIOD OF RECORD.--August 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, +2.13 ft above land-surface datum, July 25, 1993; lowest, 7.70 ft below land-surface datum, Nov. 4-5, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 5.55 ft, Sept. 2; minimum water-level depth below land surface, 1.63 ft, May 6.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.66	4.22	4.21	4.42	3.73	4.69	3.86	3.75	4.17	4.02	5.11	5.50
2	4.48	4.33	4.49	4.37	3.66	4.48	4.04	3.01	4.21	4.20	5.15	5.55
3	4.62	4.30	4.36	4.27	3.38	4.29	4.18	3.18	4.28	4.21	5.13	5.41
4	4.43	4.27	4.26	4.18	3.33	4.09	4.18	3.33	4.35	4.41	5.15	5.45
5	4.41	4.37	4.70	4.09	3.19	4.10	4.15	3.19	4.18	4.51	5.16	5.35
6	4.35	4.28	4.86	4.11	3.12	4.31	4.20	2.11	4.20	4.39	5.18	5.39
7	4.38	4.39	4.85	4.24	3.02	4.22	4.26	2.58	4.21	4.35	5.11	---
8	4.33	4.24	4.26	4.23	3.13	4.06	4.00	2.95	3.98	3.98	5.11	5.31
9	4.31	4.25	4.31	4.11	3.33	3.57	4.02	3.04	3.99	4.18	5.17	5.32
10	4.40	4.28	4.34	4.06	3.37	3.47	4.06	3.16	4.02	4.31	5.19	5.33
11	4.36	4.47	4.34	4.39	3.51	3.86	3.94	3.07	4.07	4.37	5.20	5.32
12	4.39	4.44	4.16	4.81	3.69	3.93	4.00	3.22	3.63	4.40	5.21	5.00
13	4.51	4.45	4.25	4.82	3.62	3.80	3.97	3.11	3.76	4.49	5.22	4.71
14	4.52	4.36	4.27	4.33	3.41	3.62	3.91	3.28	3.95	4.55	5.22	4.21
15	4.56	4.24	4.23	4.36	3.41	3.43	3.96	3.30	3.97	4.64	5.10	4.08
16	4.53	4.38	4.22	4.72	3.31	3.58	4.34	3.25	4.24	4.69	5.12	4.39
17	4.66	4.59	4.19	4.90	3.28	3.83	4.33	3.40	4.19	4.83	5.21	4.63
18	4.68	4.58	4.14	4.90	3.14	3.94	4.03	3.55	4.31	4.90	5.26	4.79
19	4.36	4.36	4.15	4.80	3.00	3.98	4.04	3.65	3.98	4.93	5.28	4.80
20	4.45	4.39	4.11	4.76	2.95	4.02	4.00	3.68	4.20	4.98	5.19	4.84
21	4.50	4.45	4.11	4.64	2.81	3.95	3.83	3.52	4.21	5.02	5.14	4.87
22	4.50	4.29	4.22	4.51	3.15	3.95	3.83	3.71	4.23	5.03	5.19	4.91
23	4.44	4.37	4.53	4.44	3.53	3.93	3.82	3.81	4.11	5.02	5.21	4.88
24	4.47	4.32	4.53	4.15	4.11	4.00	3.86	3.89	4.20	4.98	5.31	4.82
25	4.47	4.39	4.57	4.16	4.67	3.91	3.94	3.93	4.32	5.04	5.32	4.88
26	4.35	4.42	4.69	4.09	4.76	4.10	3.97	3.96	4.03	5.06	5.37	4.88
27	4.35	4.28	4.80	3.81	4.81	4.15	3.93	4.04	4.01	5.06	5.33	4.89
28	4.37	4.41	4.81	3.74	4.86	4.13	3.76	4.03	4.15	5.11	5.30	4.95
29	4.38	4.43	4.65	3.86	---	4.03	3.79	3.89	3.90	5.13	5.25	4.93
30	4.37	4.39	4.56	3.94	---	4.00	3.75	3.98	3.90	5.13	5.35	4.89
31	4.35	---	4.46	3.92	---	3.99	---	4.03	---	5.00	5.39	---
MEAN	4.45	4.36	4.41	4.33	3.55	3.98	4.00	3.44	4.10	4.67	5.21	---
MAX	4.68	4.59	4.86	4.90	4.86	4.69	4.34	4.04	4.35	5.13	5.39	---
MIN	4.31	4.22	4.11	3.74	2.81	3.43	3.75	2.11	3.63	3.98	5.10	---

SAUNDERS COUNTY

410558096210601. Local number 13N 9E 13ADBA.

LOCATION.--Lat 41° 05'58", long 096° 21'06", NE 1/4 NW 1/4 SE 1/4 NE 1/4 sec.13, T.13 N., R.9E., Hydrologic Unit 10200202, approximately 3.75 mi north and 0.85 mi east of Ashland.

AQUIFER.--Alluvial sand and gravel deposits of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in., depth 91 ft, screened 80 to 91 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,075 ft. Measuring point: Top of casing 4.40 ft above land-surface datum.

REMARKS.--Well drilled June 1990. Starting in April 1991, recorder instrument set to read depth below measuring point.

PERIOD OF RECORD.--August 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.77 ft below land-surface datum, Mar 13, 1993; lowest, 14.95 ft below land-surface datum, June 2, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 14.95 ft, June 2; minimum water-level depth below land surface, 11.63 ft, Mar. 18.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.33	12.79	12.69	12.82	12.46	11.86	12.18	12.80	14.94	12.95	13.21	13.45
2	13.31	12.77	12.74	12.82	12.44	11.85	12.19	12.79	14.95	12.89	13.33	13.48
3	13.25	12.78	12.74	12.81	12.44	11.81	12.19	12.80	14.90	12.84	13.42	13.45
4	13.20	12.78	12.75	12.78	12.42	11.81	12.20	12.80	14.77	12.97	13.49	13.36
5	13.14	12.75	12.75	12.77	12.40	11.79	12.19	12.76	14.60	13.06	13.53	13.30
6	13.10	12.74	12.76	12.76	12.39	11.77	12.19	12.73	14.36	13.09	13.50	13.26
7	13.10	12.72	12.78	12.75	12.37	11.77	12.18	12.68	14.10	13.13	13.40	13.36
8	13.09	12.68	12.79	12.75	12.35	11.76	12.24	12.64	13.91	13.08	13.32	13.39
9	13.09	12.66	12.78	12.77	12.35	11.76	12.28	12.51	13.83	13.01	13.26	13.35
10	13.09	12.66	12.78	12.78	12.33	11.74	12.34	12.43	13.67	12.93	13.37	13.23
11	13.08	12.65	12.80	12.78	12.31	11.72	12.40	12.40	13.46	12.92	13.41	13.19
12	13.08	12.65	12.81	12.78	12.31	11.72	12.45	12.40	13.24	13.05	13.39	13.15
13	13.07	12.63	12.80	12.78	12.30	11.71	12.50	12.33	13.04	13.16	13.36	13.20
14	13.05	12.61	12.81	12.77	12.26	11.70	12.55	12.26	12.90	13.18	13.31	13.29
15	13.05	12.60	12.81	12.75	12.20	11.68	12.58	12.10	12.92	13.14	13.28	13.35
16	13.04	12.59	12.82	12.71	12.14	11.66	12.62	11.97	12.93	13.07	13.22	13.34
17	13.01	12.56	12.82	12.68	12.11	11.65	12.64	11.90	12.86	13.07	13.25	13.25
18	12.99	12.58	12.83	12.65	12.09	11.67	12.67	11.99	12.78	13.09	13.33	13.16
19	12.99	12.59	12.84	12.64	12.08	11.72	12.70	12.01	12.71	13.20	13.35	13.26
20	12.97	12.60	12.85	12.62	12.05	11.77	12.73	11.94	12.68	13.27	13.27	13.34
21	12.96	12.59	12.86	12.61	12.02	11.84	12.77	12.86	12.78	13.30	13.19	13.38
22	12.95	12.59	12.86	12.61	12.00	11.88	12.79	13.42	12.86	13.27	13.15	13.41
23	12.95	12.59	12.84	12.58	11.98	11.90	12.81	13.67	12.88	13.22	13.12	13.43
24	12.92	12.60	12.82	12.56	11.95	11.95	12.82	13.90	12.80	13.17	13.23	13.39
25	12.89	12.61	12.82	12.54	11.93	12.02	12.84	14.10	12.71	13.14	13.27	13.27
26	12.88	12.63	12.83	12.54	11.90	12.06	12.86	14.28	12.66	13.26	13.27	13.16
27	12.87	12.63	12.83	12.52	11.89	12.11	12.88	14.43	12.67	13.34	13.25	13.12
28	12.84	12.65	12.81	12.51	11.88	12.15	12.90	14.57	12.82	13.36	13.21	13.25
29	12.82	12.67	12.80	12.50	---	12.16	12.90	14.67	12.94	13.34	13.20	13.28
30	12.82	12.69	12.81	12.49	---	12.16	12.83	14.77	12.97	13.27	13.31	13.25
31	12.79	---	12.81	12.47	---	12.16	---	14.86	---	13.22	13.39	---
MEAN	13.02	12.65	12.80	12.67	12.19	11.85	12.55	13.02	13.39	13.13	13.31	13.30
MAX	13.33	12.79	12.86	12.82	12.46	12.16	12.90	14.86	14.95	13.36	13.53	13.48
MIN	12.79	12.56	12.69	12.47	11.88	11.65	12.18	11.90	12.66	12.84	13.12	13.12

SAUNDERS COUNTY—Continued

410427096202501. Local number 13N 10E 19CDDD.

LOCATION.--Lat 41° 04'27", long 096° 20'25", SE 1/4 SE 1/4 SE 1/4 SW 1/4 sec.19, T.13 N., R.10E., Hydrologic Unit 10200202, 2 mi north and 1.4 mi east of Ashland. Located on Nebraska National Guard camp approximately 400 ft from right bank of Platte River.

AQUIFER.--Alluvial sand and gravel deposits of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in., depth 56 ft., screened 45 to 56 ft., casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,065 ft. Measuring point: Top of casing 4.0 ft above land-surface datum.

REMARKS.--Water levels affected by Platte River stage. Starting in April 1991, recorder instrument set to read depth below measuring point. GOES system installed in September 1992.

PERIOD OF RECORD.--August 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, +0.18 ft above land-surface datum, July 10, 1993; lowest, 17.38 ft below land-surface datum, Oct. 27, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 20.74 ft, on several days; minimum water-level depth below land surface, 6.97 ft, Feb. 23.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.50	8.85	8.63	8.83	8.11	8.11	7.70	9.23	9.46	9.01	11.30	11.79
2	10.46	8.83	8.79	8.87	8.03	8.12	7.81	9.11	9.50	9.08	11.33	11.79
3	10.44	8.77	8.76	8.84	7.92	7.99	7.90	9.19	9.44	9.10	11.41	11.66
4	10.35	8.74	8.65	8.84	7.86	7.91	7.92	9.35	9.39	9.17	11.52	11.55
5	10.19	8.72	8.86	8.76	7.79	7.80	7.93	9.33	9.37	9.28	11.55	11.47
6	10.05	8.69	9.01	8.78	7.69	7.82	7.92	8.83	9.35	9.36	11.62	11.56
7	9.92	8.71	9.01	8.77	7.64	7.92	7.85	8.48	9.32	9.35	11.70	11.73
8	9.79	8.65	8.75	8.73	7.58	7.94	7.74	8.64	9.18	9.19	11.69	11.81
9	9.92	8.65	8.73	8.73	7.61	7.91	7.72	8.70	9.10	9.27	11.50	11.85
10	10.00	8.73	8.68	8.77	7.66	7.87	7.72	8.73	9.03	9.34	11.46	11.85
11	10.09	8.85	8.66	8.91	7.67	7.81	7.76	8.65	8.99	9.34	11.53	11.73
12	10.13	8.86	8.60	9.13	7.76	7.77	7.84	8.59	8.73	9.40	11.52	11.63
13	10.01	8.87	8.60	9.19	7.72	7.64	7.85	8.62	8.86	9.57	11.39	11.42
14	9.88	8.84	8.58	9.03	7.57	7.55	7.94	8.70	9.06	9.74	11.37	11.11
15	9.78	8.78	8.55	9.00	7.53	7.44	8.08	8.77	9.26	9.80	11.25	10.84
16	9.70	8.80	8.54	8.99	7.43	7.40	8.26	8.94	9.44	9.79	11.23	10.69
17	9.67	8.92	8.51	8.75	7.37	7.57	8.26	9.07	9.47	9.81	11.38	10.70
18	9.69	8.93	8.49	8.67	7.30	7.69	8.38	9.18	9.43	9.91	11.54	10.86
19	9.62	8.81	8.52	8.63	7.23	7.72	8.57	9.28	9.31	9.94	11.56	10.86
20	9.67	8.77	8.47	8.60	7.13	7.69	8.71	9.31	9.21	10.03	11.49	10.75
21	9.70	8.78	8.46	8.58	7.06	7.65	8.90	9.31	9.18	10.15	11.35	10.67
22	9.73	8.71	8.53	8.54	7.12	7.66	9.08	9.29	9.21	10.19	11.25	10.62
23	9.66	8.75	8.68	8.51	7.25	7.61	9.23	9.21	9.25	10.29	11.24	10.56
24	9.53	8.72	8.69	8.42	7.59	7.67	9.30	9.19	9.26	10.45	11.48	10.49
25	---	8.73	8.58	8.40	7.86	7.67	9.30	9.20	9.24	10.65	11.63	10.43
26	---	8.79	8.65	8.40	7.99	7.73	9.23	9.21	9.14	10.85	11.67	10.59
27	---	8.73	8.72	8.29	8.08	7.78	9.15	9.25	9.09	11.07	11.61	10.73
28	---	8.72	8.72	8.21	8.14	7.79	9.04	9.27	9.06	11.29	11.50	10.80
29	---	8.74	8.69	8.22	---	7.81	9.05	9.09	9.04	11.34	11.40	10.86
30	8.93	8.73	8.79	8.21	---	7.80	9.23	9.23	9.02	11.35	11.51	10.97
31	8.95	---	8.80	8.18	---	7.76	---	9.32	---	11.28	11.69	---
MEAN	---	8.77	8.67	8.67	7.63	7.76	8.38	9.04	9.21	9.95	11.47	11.15
MAX	---	8.93	9.01	9.19	8.14	8.12	9.30	9.35	9.50	11.35	11.70	11.85
MIN	---	8.65	8.46	8.18	7.06	7.40	7.70	8.48	8.73	9.01	11.23	10.43

SAUNDERS COUNTY—Continued

410340096202201. Local number 13N 10E 30CDDA.

LOCATION.--Lat 41° 03'40", long 096° 20'22", NE 1/4 SE 1/4 SE 1/4 SW 1/4 sec.30, T.13 N., R.10E., Hydrologic Unit 10200202, 1.1 mi north and 1.5 mi east of Ashland on Lincoln north well field by Nebraska National Guard Camp.

AQUIFER.--Alluvial sand and gravel deposits of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in., depth 70 ft., screened 55 to 70 ft., casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,059 ft. Measuring point: Top of casing 6.6 ft above land-surface datum (changed from 4.10 ft on 04-25-94).

REMARKS.--Water levels in area affected by nearby pumping of municipal wells. Starting in April 1991, recorder instrument set to read depth below measuring point. GOES system installed in August 1994.

PERIOD OF RECORD.--August 1990 to current year.

REVISED RECORDS.--WDR NE-96: Water levels for 1995 water year,

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, +4.13 ft above land-surface datum, July 24, 1993; lowest, 26.00 ft below land-surface datum, Oct. 11, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 25.38 ft, July 24, 25; minimum water-level depth below land surface, 3.31 ft, Feb. 26.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.87	13.20	10.49	8.30	5.16	3.41	4.07	9.50	8.71	8.99	17.85	20.34
2	14.94	13.16	10.38	8.35	5.00	3.53	4.33	9.16	8.80	9.51	17.54	20.10
3	14.83	13.47	10.37	8.29	4.88	3.46	4.56	8.87	8.72	10.05	17.54	20.27
4	14.48	13.83	10.29	8.04	4.82	3.51	4.59	8.61	8.92	10.57	17.69	20.49
5	14.21	14.00	9.96	7.89	4.78	3.55	4.61	9.01	9.31	10.71	17.83	20.68
6	13.86	13.96	9.84	7.75	4.61	3.51	4.56	9.26	9.32	10.76	17.94	20.74
7	13.77	13.80	9.88	7.61	4.56	3.59	4.42	9.24	9.25	11.22	18.03	20.63
8	14.08	13.70	9.91	7.45	4.42	3.61	4.40	9.10	9.42	11.33	18.30	20.70
9	14.28	13.66	9.88	7.30	4.37	3.63	4.33	8.89	9.77	11.66	18.63	20.69
10	14.48	13.30	9.79	7.21	4.27	3.58	4.35	8.70	10.14	12.06	18.89	20.59
11	14.67	12.97	9.72	7.06	4.21	3.49	4.46	8.36	10.49	12.58	19.13	20.35
12	14.68	12.72	9.61	6.92	4.20	3.51	4.53	8.02	10.83	13.03	19.22	20.09
13	14.25	12.66	9.47	6.79	4.11	3.58	4.56	7.89	10.83	13.33	19.31	19.82
14	13.68	12.67	9.34	6.64	4.02	3.49	4.60	7.66	10.83	13.70	19.66	19.55
15	13.22	12.64	9.21	6.54	3.96	3.49	4.74	7.53	10.80	14.32	19.85	19.34
16	13.18	12.54	9.07	6.42	3.90	3.56	5.20	7.47	10.54	14.87	20.12	19.32
17	13.15	12.39	8.94	6.34	3.79	3.62	5.62	7.40	10.64	15.36	20.36	19.57
18	13.02	12.22	8.79	6.21	3.73	3.71	6.15	7.37	11.06	15.56	20.45	19.71
19	12.91	12.08	8.69	6.11	3.70	3.72	6.60	7.45	11.34	15.71	20.45	19.84
20	12.76	11.93	8.60	5.98	3.61	3.67	7.10	7.34	11.30	15.70	20.19	19.84
21	12.60	11.80	8.51	5.87	3.51	3.57	7.61	7.36	10.78	15.64	20.09	20.02
22	12.49	11.66	8.45	5.77	3.47	3.50	8.02	7.38	10.09	15.63	19.57	20.44
23	12.67	11.48	8.41	5.69	3.45	3.44	8.42	6.83	9.92	15.76	19.54	20.79
24	12.83	11.33	8.34	5.57	3.45	3.41	8.87	6.69	9.66	15.98	19.54	21.04
25	13.03	11.24	8.26	5.50	3.40	3.43	9.16	6.72	9.74	16.36	19.77	21.17
26	13.16	11.08	8.22	5.52	3.34	3.47	9.43	6.95	9.75	16.67	20.08	21.07
27	13.14	10.95	8.15	5.70	3.38	3.60	9.66	7.10	9.50	16.85	20.21	20.63
28	13.25	10.77	8.14	5.79	3.42	3.79	9.92	7.31	9.47	16.84	20.24	20.16
29	13.25	10.64	8.14	5.66	---	3.94	9.97	7.60	9.23	17.01	20.22	19.75
30	13.18	10.54	8.27	5.41	---	3.99	9.81	7.97	8.94	17.44	20.33	19.38
31	13.19	---	8.33	5.25	---	4.00	---	8.41	---	17.85	20.39	---
MEAN	13.62	12.41	9.14	6.61	4.05	3.59	6.29	7.97	9.94	13.97	19.32	20.24
MAX	14.94	14.00	10.49	8.35	5.16	4.00	9.97	9.50	11.34	17.85	20.45	21.17
MIN	12.49	10.54	8.14	5.25	3.34	3.41	4.07	6.69	8.71	8.99	17.54	19.32

SAUNDERS COUNTY—Continued

410303096192901. Local number 13N 10E 32CABC.

LOCATION.--Lat 41° 03'03", long 096° 19'29", SW 1/4 NW 1/4 NE 1/4 SW 1/4 sec.32, T.13 N., R.10E., Hydrologic Unit 10200202, 2.0 mi north and 0.6 mi south of Ashland. One-sixth mile south of highway 6 gate for Willow Point Community Housing. Northern end of Willow Point lake, approximately 400 feet from right bank of Platte River.

AQUIFER.--Alluvial sand and gravel deposits of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in., depth 86 ft., screened 51 to 86 ft., casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,056 ft. Measuring point: Top of casing 3.60 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping of municipal wells and Platte River stage. Starting in April 1991, recorder instrument set to read depth below measuring point. GOES unit installed in September 1992.

PERIOD OF RECORD.--December 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.18 ft below land-surface datum, July 25, 1993; lowest, 11.81 ft below land-surface datum, Oct 23, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum water-level depth below land surface, 9.70 ft, Sept. 8; minimum water-level depth below land surface, 5.79 ft, May 6.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.03	7.53	7.69	8.35	7.54	7.57	7.29	7.31	8.39	7.39	8.86	9.31
2	7.90	7.61	7.39	7.99	7.54	7.59	7.92	6.75	8.48	7.52	8.92	9.23
3	7.92	7.58	7.29	7.56	7.47	7.52	8.19	7.28	8.47	7.43	8.95	9.01
4	7.76	7.59	7.92	7.47	7.45	7.51	8.22	7.41	8.39	7.49	9.00	9.01
5	7.71	7.66	8.19	7.40	7.38	7.28	7.66	7.05	8.35	7.78	9.01	9.39
6	8.16	7.62	7.81	7.76	7.32	7.34	7.69	6.14	8.19	7.99	9.05	9.57
7	8.34	7.70	7.62	8.12	7.27	7.49	7.97	6.58	7.76	8.05	9.04	9.67
8	7.83	7.62	7.26	8.15	7.27	7.61	8.21	6.36	7.53	7.87	9.02	9.70
9	7.65	7.63	7.31	8.08	7.32	7.45	7.82	6.48	7.94	7.97	9.11	9.56
10	7.70	7.64	7.35	8.00	7.35	7.45	7.59	6.56	7.99	8.04	9.19	9.26
11	7.66	7.77	7.35	8.15	7.43	7.57	7.59	6.58	8.03	8.11	9.23	8.93
12	7.75	7.75	7.24	8.39	7.54	7.56	7.88	6.69	7.59	8.13	9.13	8.77
13	7.87	7.74	7.26	8.41	7.52	7.46	7.90	6.68	7.14	7.88	9.19	8.91
14	7.89	7.66	7.27	8.13	7.38	7.38	7.59	6.80	7.24	7.99	9.21	8.69
15	7.96	7.55	7.25	8.04	7.38	7.30	7.32	6.83	7.33	8.18	9.19	8.59
16	7.98	7.57	7.26	8.00	7.24	7.25	7.54	6.86	7.59	8.34	9.22	8.04
17	8.03	7.70	7.24	8.11	7.20	7.44	7.54	7.26	7.44	8.53	9.37	8.40
18	8.04	7.69	7.23	8.11	7.16	7.55	7.38	7.62	7.53	8.64	9.47	8.59
19	7.77	7.54	7.25	8.06	7.06	7.58	7.36	7.73	7.35	8.74	9.50	8.60
20	7.82	7.67	7.22	8.04	7.02	7.62	7.28	7.49	7.44	8.84	9.38	8.66
21	7.88	8.13	7.19	7.95	6.92	7.57	7.11	7.71	7.43	8.89	9.32	8.70
22	7.90	8.11	7.26	7.86	6.68	7.57	7.05	7.82	7.44	8.89	9.30	8.77
23	7.86	8.15	7.42	7.18	6.58	7.52	6.99	7.90	7.77	8.55	9.41	8.79
24	7.90	8.11	7.43	6.83	6.88	7.62	6.97	7.94	7.91	8.59	9.58	8.78
25	7.86	8.13	7.27	6.81	7.26	7.58	7.03	7.96	7.51	8.27	9.62	8.82
26	7.76	8.18	7.90	6.81	7.38	7.08	7.10	7.97	7.42	8.47	9.65	8.84
27	7.71	8.10	8.22	6.70	7.48	7.02	7.22	8.09	7.54	8.47	9.50	8.87
28	7.73	8.16	8.25	7.26	7.54	7.02	7.28	8.12	7.67	8.51	9.44	8.97
29	7.71	8.17	8.21	7.46	---	6.99	7.32	8.01	7.45	8.40	9.39	9.00
30	7.68	8.15	8.26	7.54	---	7.00	7.31	8.15	7.37	8.36	9.22	9.01
31	7.65	---	8.31	7.55	---	7.00	---	8.28	---	8.28	9.19	---
MEAN	7.85	7.81	7.55	7.75	7.27	7.40	7.51	7.30	7.72	8.21	9.25	8.95
MAX	8.34	8.18	8.31	8.41	7.54	7.62	8.22	8.28	8.48	8.89	9.65	9.70
MIN	7.65	7.53	7.19	6.70	6.58	6.99	6.97	6.14	7.14	7.39	8.86	8.04

SAUNDERS COUNTY—Continued

411005096281502. Local number 14N 8E 24ACD2.

LOCATION.--Lat 41° 10'05", long 096° 28'15", SE 1/4 SW 1/4 NE 1/4 sec.24, T.14 N., R.8 E., Hydrologic Unit 10200203, 4 mi south from the intersection of Routes 92 and 692 near Mead, then 0.65 mi east and 0.4 mi south to the south end of load line 2 of the Mead Field Station.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 80 ft, screened 60 to 80 ft.

DATUM.--Altitude of land-surface datum is 1,171 ft. Measuring point: Top of casing 0.5 ft above land-surface datum.

REMARKS.--Replacement for well 411005096281501, local number 14N-8E-24ACD1, with period of record July 1964 to November 1970. Water levels in well affected by pumping of nearby wells during irrigation season.

PERIOD OF RECORD.--April 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 39.22 ft below land-surface datum, Mar. 31, 1988; lowest, 46.98 ft below land-surface datum, Sept. 25, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	43.14	DEC 05	43.15	FEB 20	43.20	APR 15	43.25	JUN 11	43.36	AUG 11	43.83
NOV 05	43.07	JAN 14	43.19	MAR 17	43.19	MAY 14	43.31	JUL 10	43.45	SEP 21	44.53

WATER YEAR 2003 HIGHEST 43.07 NOV 05, 2002 LOWEST 44.53 SEP 21, 2003

SCOTTS BLUFF COUNTY

415325103392801. Local number 22N 55W 11DDC.

LOCATION.--Lat 41° 53'25", long 103° 39'28", SW 1/4 SE 1/4 SE 1/4 sec.11, T.22 N., R.55 W., Hydrologic Unit 10180009, 0.5 mi north of the west intersection of Routes 71 and 26 in Scottsbluff, then 0.8 mi east.

AQUIFER.--Sand and gravel deposits, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 6 in., depth 32 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 3,953 ft. Measuring point: Top of casing 0.00 ft above land-surface datum.

REMARKS.--Recorder removed in January 1984. Well measured monthly until recorder reinstalled January 1985.

PERIOD OF RECORD.--August 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 21.27 ft below land-surface datum, Sept. 9, 1986; lowest, 28.08 ft below land-surface datum, May 31, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	26.33	NOV 25	25.96	FEB 20	26.17	APR 10	26.40	MAY 31	26.86	JUL 20	27.14
10	26.27	30	25.95	25	26.19	15	26.43	JUN 05	26.91	25	27.27
15	26.25	DEC 05	25.95	28	26.20	20	26.47	10	26.96	31	27.27
20	26.20	10	25.95	MAR 05	26.22	25	26.50	15	26.98	AUG 05	27.26
25	26.17	15	25.94	10	26.26	30	26.54	20	27.05	10	27.26
31	26.13	20	25.95	15	26.28	MAY 05	26.58	25	27.09	SEP 20	27.33
NOV 05	26.07	25	25.97	20	26.28	10	26.60	30	27.16	25	27.31
10	26.02	31	26.01	25	26.30	15	26.65	JUL 05	27.20	30	27.33
15	26.00	FEB 10	26.14	31	26.35	20	26.70	10	27.19		
20	25.99	15	26.15	APR 05	26.37	25	26.78	15	27.22		

WATER YEAR 2003 HIGHEST 25.94 DEC 15, 2002 LOWEST 27.33 SEP 20, 2003 SEP 30, 2003

SEWARD COUNTY

405406097115001. Local number 11N 2E 21DD.

LOCATION.--Lat 40° 54'06", long 097° 11'50", SE 1/4 SE 1/4 sec.21, T.11 N., R.2 E., Hydrologic Unit 10270201, 4.5 mi west of Seward.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 5 in., depth 123 ft, perforated 112 to 123 ft.

DATUM.--Altitude of land-surface datum is 1,550 ft. Measuring point: Top of casing 0.00 ft above land-surface datum.

REMARKS.--Water levels in well affected by withdrawals from nearby irrigation wells.

PERIOD OF RECORD.--May 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 72.02 ft below land-surface datum, May 10, 2000; lowest, 90.17 ft below land-surface datum, Aug. 5, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	81.47	DEC 05	80.46	FEB 05	79.77	APR 09	79.66	JUN 05	79.87	AUG 05	85.18
09	81.42	10	80.44	10	79.78	10	79.70	09	79.76	10	85.77
10	81.42	15	80.23	15	79.76	15	79.56	10	79.80	11	85.80
15	81.34	20	80.04	20	79.80	20	79.46	15	79.77	15	86.21
20	81.15	25	80.19	25	79.84	22	79.66	20	79.73	20	86.22
25	81.12	31	80.08	28	79.77	25	79.45	25	79.56	25	86.15
31	80.92	JAN 05	80.12	MAR 03	79.65	30	79.45	30	79.59	31	86.40
NOV 05	80.80	10	80.10	05	79.66	MAY 05	79.36	JUL 05	79.91	SEP 05	86.47
10	80.50	13	80.07	10	79.76	10	79.35	09	80.36	10	86.15
15	80.56	15	80.12	15	79.66	12	79.36	10	80.76	15	85.81
20	80.56	20	79.97	20	79.50	15	79.44	15	82.22	16	85.70
25	80.55	25	80.03	25	79.59	20	79.56	20	83.32	20	85.45
30	80.48	31	79.85	31	79.70	25	79.52	25	84.10	25	85.13
DEC 02	80.40	FEB 04	79.72	APR 05	79.58	31	79.64	31	84.59	30	84.95

WATER YEAR 2003 HIGHEST 79.35 MAY 10, 2003 LOWEST 86.47 SEP 05, 2003

WEBSTER COUNTY

400423098314001. Local number 1N 11W 11AB.

LOCATION.--Lat 40° 04'23", long 098° 31'40", NW 1/4 NE 1/4 sec.11, T.1 N., R.11 W., Hydrologic Unit 10250016, 1 mi south and 0.25 mi west of intersection of U.S. Highways 136 and 281 in Red Cloud.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 16.9 ft, casing perforated below water table.

DATUM.--Altitude of land-surface datum is 1,686 ft. Measuring point: Top of casing 1.7 ft above land-surface datum.

PERIOD OF RECORD.--May 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.74 ft (corrected) below land-surface datum, July 11-12, 1951; lowest, 9.96 ft (corrected) below land-surface datum, Apr. 5, 1957.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
MAY 02	7.66

YORK COUNTY

405305097351503. Local number 11N 2W 31BA3.

LOCATION.--Lat 40° 53'05", long 097° 35'15", NE 1/4 NW 1/4 sec.31, T.11 N., R.2 W., Hydrologic Unit 10270203, south edge of York County Fairgrounds on the north side of York.

AQUIFER.--Sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 8 in., depth 165 ft, perforated below water table.

DATUM.--Altitude of land-surface datum is 1,659 ft. Measuring point: Top of casing 1.6 ft above land-surface datum.

REMARKS.--Replacement for well 405305097351501, local number 11N 2W 31BA1, with period of record October 1957 to January 1969. Water levels in well affected by withdrawals from nearby municipal well and by withdrawals from nearby irrigation wells.

PERIOD OF RECORD.--May 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 78.96 ft below land-surface datum, Mar. 1, 1999; lowest, 120.81 ft below land-surface datum, July 15, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 09	85.49	DEC 02	84.26	FEB 19	84.28	APR 09	84.30	JUN 10	84.59	AUG 06	101.29
NOV 07	83.83	JAN 08	84.14	MAR 12	83.81	MAY 12	84.04	JUL 01	88.19	SEP 16	89.93

WATER YEAR 2003 HIGHEST 83.81 MAR 12, 2003 LOWEST 101.29 AUG 06, 2003

NIOBRARA NATIONAL SCENIC RIVER WATER-QUALITY MONITORING—Continued

MISCELLANEOUS SURFACE-WATER QUALITY DATA

NIOBRARA NATIONAL SCENIC RIVER WATER-QUALITY MONITORING

COUNTIES.--Cherry and Keya Paha

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Date	Time	Barometric pressure, mm Hg (00025)
	CHERRY COUNTY					
06460800	NIOBRARA RIVER AT BORMAN BRIDGE NR VALENTINE, NE	42 51 08 N	100 31 16 W	06-03-03	0930	699
	NIOBRARA RIVER AT BORMAN BRIDGE NR VALENTINE, NE	42 51 08 N	100 31 16 W	06-25-03	1900	710
	NIOBRARA RIVER AT BORMAN BRIDGE NR VALENTINE, NE	42 51 08 N	100 31 16 W	07-08-03	1200	698
	NIOBRARA RIVER AT BORMAN BRIDGE NR VALENTINE, NE	42 51 08 N	100 31 16 W	08-20-03	1000	700
	NIOBRARA RIVER AT BORMAN BRIDGE NR VALENTINE, NE	42 51 08 N	100 31 16 W	09-09-03	1000	710
06461010	Minnechaduza Cr above Spring Cr	42 53 41 N	100 30 54 W	06-03-03	1300	--
	Minnechaduza Cr above Spring Cr	42 53 41 N	100 30 54 W	06-26-03	0800	703
	Minnechaduza Cr above Spring Cr	42 53 41 N	100 30 54 W	07-08-03	1400	698
	Minnechaduza Cr above Spring Cr	42 53 41 N	100 30 54 W	08-20-03	1230	710
	Minnechaduza Cr above Spring Cr	42 53 41 N	100 30 54 W	09-09-03	1330	710
06461500	NIOBRARA RIVER NEAR SPARKS, NEBR.	42 54 10 N	100 21 40 W	06-03-03	1500	700
	NIOBRARA RIVER NEAR SPARKS, NEBR.	42 54 10 N	100 21 40 W	06-26-03	1000	703
	NIOBRARA RIVER NEAR SPARKS, NEBR.	42 54 10 N	100 21 40 W	07-08-03	1500	698
	NIOBRARA RIVER NEAR SPARKS, NEBR.	42 54 10 N	100 21 40 W	08-20-03	1500	712
	NIOBRARA RIVER NEAR SPARKS, NEBR.	42 54 10 N	100 21 40 W	09-09-03	1500	710
06461600	NIOBRARA RIVER AT BREWER BRIDGE NR SPARKS, NE	42 52 34 N	100 15 59 W	06-04-03	0830	--
	KEYA PAHA COUNTY					
06462000	NIOBRARA RIVER NR NORDEN NEBR	42 47 13 N	100 02 06 W	06-04-03	1030	--
	NIOBRARA RIVER NR NORDEN NEBR	42 47 13 N	100 02 06 W	06-26-03	1200	706
	NIOBRARA RIVER NR NORDEN NEBR	42 47 13 N	100 02 06 W	07-08-03	1700	698
	NIOBRARA RIVER NR NORDEN NEBR	42 47 13 N	100 02 06 W	08-20-03	0900	710
	NIOBRARA RIVER NR NORDEN NEBR	42 47 13 N	100 02 06 W	09-10-03	0830	711

MULTIPLE STATION ANALYSES

Station number	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Sodium adsorption ratio (00931)	Sodium, percent (00932)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)
	CHERRY COUNTY											
06460800	8.3	93	8.3	210	17.0	16.8	84	0.4	17	0.52	--	<0.04
	8.3	94	8.2	200	18.5	17.5	80	0.4	15	0.70	--	<0.04
	7.8	102	8.1	215	27.0	24.5	94	0.4	16	0.56	--	<0.04
	7.8	106	8.0	199	19.8	26.0	87	0.4	15	0.22	--	<0.04
	8.8	100	7.9	198	20.0	18.0	86	0.4	15	0.15	--	<0.04
06461010	8.7	--	8.3	335	--	19.0	140	0.4	15	0.67	--	E.03
	8.3	91	8.1	304	19.0	16.2	130	0.4	14	0.74	0.08	0.07
	8.4	110	8.1	291	29.0	24.5	93	0.4	16	0.66	--	E.04
	9.7	127	8.4	281	29.5	25.2	130	0.4	14	0.52	--	<0.04
	9.7	122	8.4	294	20.0	23.2	120	0.4	15	0.40	--	<0.04
06461500	--	--	8.3	204	21.0	21.0	87	0.4	17	0.54	--	<0.04
	10.3	110	8.3	211	23.0	14.6	87	0.4	15	0.58	--	<0.04
	8.9	121	8.4	216	30.0	26.0	96	0.4	16	0.60	0.06	0.04
	10.2	137	8.3	201	30.0	26.8	89	0.4	15	0.26	--	<0.04
	10.9	139	8.7	229	22.0	24.0	87	0.4	15	0.18	--	<0.04
06461600	--	--	8.2	218	14.0	16.0	87	0.4	17	0.48	--	<0.04
	KEYA PAHA COUNTY											
06462000	--	--	8.0	198	19.0	18.5	90	0.4	16	0.52	--	<0.04
	8.7	99	8.2	215	25.0	17.6	93	0.4	15	0.63	--	<0.04
	8.1	111	8.3	221	30.0	27.0	95	0.4	15	0.66	--	<0.04
	8.1	100	8.1	205	24.0	22.2	92	0.4	14	0.28	--	<0.04
	8.6	101	8.1	206	20.2	20.2	89	0.4	15	0.21	--	<0.04

NIOBRARA NATIONAL SCENIC RIVER WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)
CHERRY COUNTY												
06460800	--	--	0.26	--	<0.008	--	--	0.178	0.06	0.166	0.43	0.78
	--	--	0.46	--	<0.008	--	--	0.285	0.09	0.23	0.67	1.2
	--	--	0.33	--	E.005	--	--	0.233	0.08	0.174	0.54	0.89
	--	--	0.24	--	<0.008	--	--	0.147	0.05	0.125	0.38	0.47
	--	--	0.26	--	E.004	--	--	0.129	0.04	0.081	0.40	0.41
06461010	3.05	0.69	0.70	0.039	0.012	--	--	0.408	0.13	0.184	1.2	1.4
	2.05	0.46	0.48	0.046	0.014	0.52	0.67	0.205	0.07	0.121	1.1	1.2
	3.32	0.75	0.77	0.049	0.015	--	--	0.362	0.12	0.168	1.2	1.4
	--	--	0.11	--	E.006	--	--	--	E.14	0.21	0.38	0.62
	0.478	0.11	0.12	0.026	0.008	--	--	0.334	0.11	0.172	0.36	0.51
06461500	--	--	0.21	--	E.004	--	--	0.166	0.05	0.176	0.37	0.75
	--	--	0.43	--	<0.008	--	--	0.270	0.09	0.19	0.67	1.0
	--	--	0.27	--	E.004	0.17	0.56	0.190	0.06	0.141	0.48	0.87
	--	--	0.18	--	<0.008	--	--	0.126	0.04	0.094	--	0.44
	--	--	0.19	--	E.004	--	--	0.123	0.04	0.076	0.30	0.37
06461600	--	--	0.27	--	<0.008	--	--	0.169	0.06	0.159	0.43	0.75
KEYA PAHA COUNTY												
06462000	--	--	0.23	--	<0.008	--	--	0.156	0.05	0.20	0.42	0.75
	--	--	0.50	--	<0.008	--	--	0.264	0.09	0.24	0.76	1.1
	--	--	0.21	--	<0.008	--	--	0.163	0.05	0.150	0.42	0.87
	--	--	0.18	--	<0.008	--	--	0.113	0.04	0.163	--	0.46
	--	--	0.23	--	E.004	--	--	0.107	0.04	0.171	0.36	0.44

MULTIPLE STATION ANALYSES

Station number	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)
CHERRY COUNTY												
06460800	<0.5	<0.5	<0.5	<0.5	<2	M	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	E1	<1	<2
	E.1	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	M	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
06461010	<0.5	<0.5	<0.5	<0.5	<2	M	<5	<1	<1	<6	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	M	<5	<1	<1	<5	<1	<2
06461500	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	E2	<1	<2
	E.1	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
06461600	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
KEYA PAHA COUNTY												
06462000	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<3	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2
	<0.5	<0.5	<0.5	<0.5	<2	<1	<5	<1	<1	<5	<1	<2

NIOBRARA NATIONAL SCENIC RIVER WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzophenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmastanol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
CHERRY COUNTY												
06460800	<0.5	E.1	M	<0.5	<0.5	M	<2	<2	M	<0.5	M	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	E.1	<0.5	<0.5	<0.5	E.1	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	M
06461010	<0.5	E.1	M	<0.5	<0.5	E.1	<2	<2	M	<0.5	M	M
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	M	<0.5
	<0.5	E.1	E.1	<0.5	<0.5	E.1	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	M	<0.5	<0.5	M	<2	<2	<1	<0.5	M	M
06461500	<0.5	E.1	<0.5	<0.5	<0.5	M	<2	<2	M	<0.5	<0.5	M
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
06461600	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
KEYA PAHA COUNTY												
06462000	<0.5	<0.5	<0.5	<0.5	<0.5	M	<2	<2	M	<0.5	<0.5	M
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<2	<1	<0.5	<0.5	<0.5

MULTIPLE STATION ANALYSES

Station number	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fluoranthene water, fltrd, ug/L (34377)
CHERRY COUNTY												
06460800	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	M	<0.5	E8	<1	<0.5	<1	<0.5
06461010	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5	<1	<0.5
	<1	M	<0.5	M	<1	M	<0.5	E6	<1	<0.5	<1	<0.5
06461500	<1	<0.5	<0.5	<2	<1	M	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	E.1	<0.5	<5	<1	<0.5	<1	<0.5
	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	E2	<1	<0.5	<1	<0.5
06461600	<1	<0.5	<0.5	<2	<1	<0.5	<0.5	<5	<1	<0.5	<1	<0.5
KEYA PAHA COUNTY												
06462000	<0.041	<0.5	<0.005	<2	<1	<0.5	<0.005	<5	<1	<0.5	<1	<0.5
	<0.041	<0.5	<0.005	<2	<1	<0.5	<0.005	<5	<1	<0.5	<1	<0.5
	<0.041	<0.5	<0.005	<2	<1	<0.5	<0.005	<5	<1	<0.5	<1	<0.5
	<0.041	<0.5	<0.005	<2	<1	E.1	<0.005	<5	<1	<0.5	<1	<0.5
	<0.041	<0.5	<0.005	<2	<1	<0.5	<0.005	E2	<1	<0.5	<1	<0.5

NIOBRARA NATIONAL SCENIC RIVER WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Isophorone water, fltrd, ug/L (34409)	Isopropylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metalaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
CHERRY COUNTY												
06460800	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.2	<0.5	E.1	<0.5	M	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
06461010	M	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	<0.5	E.1	E.1	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	E.1	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	<0.5	E.1	E.1	<0.5	<1
	M	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	M	<0.5	<1
06461500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.1	<0.5	E.1	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	<0.5	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
06461600	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	<0.5	<0.5	<1
KEYA PAHA COUNTY												
06462000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	E.004	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.008	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	E.005	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	M	<0.013	<0.5	<1
	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.013	<0.5	<1

MULTIPLE STATION ANALYSES

Station number	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tribromomethane water, fltrd, ug/L (34288)	Tributyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)
CHERRY COUNTY												
06460800	<2	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.3	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
06461010	<2	<0.5	E.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	M	<0.5
	<2	<0.5	E.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	1.6
	<2	<0.5	E.3	<0.5	<0.5	<0.5	<0.5	<0.5	M	<0.5	<0.5	<0.5
06461500	<2	<0.5	E.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.4	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.1	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
06461600	<2	<0.5	E.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
KEYA PAHA COUNTY												
06462000	<2	<0.5	E.3	<0.01	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.3	<0.01	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	<0.5	<0.01	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.4	<0.01	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
	<2	<0.5	E.5	<0.01	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5

NIOBRARA NATIONAL SCENIC RIVER WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)	Di-chlor-vos, water fltrd, ug/L (38775)
CHERRY COUNTY			
06460800	<0.5	<0.5	<1.00
	<0.5	<0.5	<1.00
	<0.5	<0.5	<1.00
	E.1	<0.5	<1.00
	<0.5	<0.5	<1.00
06461010	E.1	<0.5	<1.00
	E.5	<0.5	<1.00
	<0.5	<0.5	<1.00
	<0.5	E.1	<1.00
	<0.5	M	<1.00
06461500	<0.5	<0.5	<1.00
	E.1	<0.5	<1.00
	<0.5	<0.5	<1.00
	<0.5	<0.5	<1.00
	<0.5	<0.5	<1.00
06461600	<0.5	<0.5	<1.00
KEYA PAHA COUNTY			
06462000	<0.5	<0.5	<0.01
	<0.5	<0.5	<0.01
	<0.5	<0.5	<0.01
	<0.5	<0.5	<0.01
	<0.5	<0.5	<0.01

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

PAPIO-MISSOURI STUDY
WATER-QUALITY MONITORING

(Station Name: indicates location by township, range, and section. Geologic unit: 110QRNR, Quaternary system deposits, undifferentiated; 112SDGV, Pleistocene sand and gravel deposits.)

COUNTIES.--Burt, Douglas, and Sarpy

MULTIPLE STATION ANALYSES

Station number	Station name	Date	Time	Geologic unit	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Barometric pressure, mm Hg (00025)
		BURT COUNTY					
415835096190901	23N 10E 8DCBB1	02-06-03	1245	--	111	--	738
		DOUGLAS COUNTY					
411249096192901	14N 10E 5BDBB1	08-13-03	1140	112SDGV	79	--	739
411258096205801	14N 9E 1AADD2	08-07-03	1335	112SDGV	65	--	734
411324096181801	15N 10E33CDBA1	08-14-03	1230	112SDGV	59	--	740
411348096180401	15N 10E33ACBB1	08-14-03	1125	112SDGV	46	--	740
411413096194401	15N 10E29CCBA1	08-12-03	1830	112SDGV	46	--	736
411443096194201	15N 10E29BBCC1	08-12-03	1445	112SDGV	61	--	736
411507096154801	15N 10E23CADD1	08-11-03	1445	112SDGV	50	--	738
411620096164001	15N 10E15ACAD1	08-08-03	1230	112SDGV	87	--	733
411717096193501	15N 10E 8BDDD1	08-14-03	1345	112SDGV	61	--	740
411723096211601	15N 9E12ABAC1	09-26-03	1250	112SDGV	58	--	724
411741096173301	15N 10E 4DDAA1	08-12-03	1245	112SDGV	70	--	736
411755096162801	16N 10E34DDDC1	08-12-03	1605	112SDGV	55	--	736
411810096200901	15N 10E 6ACAA1	08-14-03	1500	112SDGV	97	--	740
411937096213701	16N 9E25CAAC1	08-08-03	1030	112SDGV	82	--	733
411945096200701	16N 10E30ADCB1	08-12-03	1730	112SDGV	90	--	736
412018096084501	16N 11E23DCBA1	02-03-03	1150	110QRNR	56	--	723
412126096232201	16N 9E15DAAA1	08-15-03	1740	112SDGV	60	--	741
412134096223901	16N 9E14BDAD1	08-15-03	1745	112SDGV	38	--	741
412230096214501	16N 9E12B 1	08-12-03	1035	112SDGV	39	--	736
412312096261601	16N 9E 5BDCA1	08-05-03	1550	112SDGV	91	--	724
412333096264801	16N 9E 6AABA1	08-05-03	1435	112SDGV	91	--	724
		SARPY COUNTY					
410228096083501	12N 11E 2ADB 1	08-11-03	1040	112SDGV	73	--	738
410327096061801	13N 12E31ABDA1	08-15-03	1230	112SDGV	68	--	741
410332095594701	13N 13E31BAAC1	08-06-03	1225	112SDGV	62	--	732
410334095595701	13N 13E31BABB1	08-06-03	1325	112SDGV	52	--	732
410337095593701	13N 13E30DCCC1	08-06-03	1415	112SDGV	46	--	732
410407096032701	13N 12E27BCDA1	08-05-03	1135	112SDGV	74	--	724
410411096175701	13N 10E28ACBA1	08-11-03	1220	112SDGV	43	--	738
410528096152301	13N 10E14DD 1	08-05-03	0940	112SDGV	259	169.50	724
410535096174501	13N 10E16DACC1	08-07-03	1615	112SDGV	84	--	734
410651096134801	13N 11E 7BCAA1	08-15-03	1350	112SDGV	198	--	741
410656096173901	13N 10E 9AAAC1	08-15-03	1545	112SDGV	65	--	741
410719096180601	13N 10E 4CDAA1	08-15-03	1450	112SDGV	51	--	741

PAPIO-MISSOURI STUDY
WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Dis-solved oxygen, mg/L (00300)	Dis-solved oxygen, percent of sat-uration (00301)	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)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)
BURT COUNTY												
415835096190901	3.9	36	6.9	670	-5.0	11.0	--	--	--	--	12.7	--
DOUGLAS COUNTY												
411249096192901	3.9	43	7.1	661	28.7	17.7	--	--	--	--	8.82	--
411258096205801	0.2	2	7.4	545	28.4	12.3	--	--	--	--	0.12	--
411324096181801	7.0	68	7.2	509	33.0	12.8	--	--	--	--	1.32	--
411348096180401	5.3	53	7.1	505	31.0	14.2	--	--	--	--	1.98	--
411413096194401	0.1	1	7.1	757	33.1	12.4	--	<0.04	107	24.1	24.1	0.089
411443096194201	0.7	7	7.1	543	29.5	12.4	--	--	--	--	4.06	--
411507096154801	1.8	18	7.0	667	32.2	13.3	--	--	--	--	<0.06	--
411620096164001	0.2	2	7.0	650	27.5	11.9	--	--	--	--	<0.06	--
411717096193501	0.4	4	6.8	484	33.0	12.0	--	--	--	--	2.33	--
411723096211601	5.7	57	7.1	505	23.4	12.9	--	--	--	--	E.05	--
411741096173301	9.5	96	7.2	711	27.5	14.0	--	--	--	--	<0.06	--
411755096162801	6.4	63	6.8	585	29.5	12.9	--	--	--	--	0.09	--
411810096200901	0.3	3	6.9	511	33.0	12.6	--	--	--	--	0.99	--
411937096213701	0.3	3	7.0	538	27.5	12.4	--	--	--	--	3.38	--
411945096200701	5.4	55	7.2	543	29.5	14.3	--	--	--	--	5.42	--
412018096084501	2.4	23	6.9	873	-0.1	11.0	--	--	--	--	12.5	--
412126096232201	2.1	21	6.8	513	32.0	12.5	--	--	--	--	7.32	--
412134096223901	--	--	--	--	32.0	--	--	--	--	--	<0.06	--
412230096214501	5.9	61	7.2	478	27.5	15.5	--	--	--	--	E.04	--
412312096261601	0.2	2	6.9	539	32.0	12.9	0.08	0.06	--	--	0.17	--
412333096264801	0.3	3	7.1	511	32.0	12.3	--	<0.04	--	--	0.97	--
SARPY COUNTY												
410228096083501	7.6	84	7.3	542	23.6	18.7	--	--	--	--	9.23	--
410327096061801	3.9	37	7.0	567	31.8	11.9	--	--	--	--	2.64	--
410332095594701	0.2	2	7.6	855	24.6	26.1	--	<0.04	--	--	<0.06	--
410334095595701	0.2	3	7.5	716	24.6	24.5	--	<0.04	--	--	E.04	--
410337095593701	0.9	8	7.3	533	24.6	11.6	--	<0.04	7.14	1.61	1.62	0.033
410407096032701	0.1	2	7.4	679	29.4	21.3	0.07	0.06	--	--	E.06	--
410411096175701	2.4	23	7.1	710	23.6	12.2	--	--	--	--	<0.06	--
410528096152301	4.9	50	6.9	568	25.5	13.7	--	<0.04	--	--	0.34	--
410535096174501	0.3	2	7.2	684	28.4	11.8	--	--	--	--	<0.06	--
410651096134801	13.2	127	6.8	570	31.8	12.3	--	--	--	--	12.7	--
410656096173901	7.5	75	7.5	883	32.0	13.8	--	--	--	--	<0.06	--
410719096180601	9.3	91	7.5	946	31.8	13.3	--	--	--	--	<0.06	--

PAPIO-MISSOURI STUDY
WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L (00660)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Atra-zine, water, fltrd, ug/L (39632)	Broma-cil, water, fltrd, ug/L (04029)	Buta-chlor, water, fltrd, ug/L (04026)	Butyl-ate, water, fltrd, ug/L (04028)
BURT COUNTY												
415835096190901	--	--	--	--	--	--	--	--	--	--	--	--
DOUGLAS COUNTY												
411249096192901	--	--	--	--	--	--	--	--	--	--	--	--
411258096205801	--	--	--	--	--	--	--	--	--	--	--	--
411324096181801	--	--	--	--	--	--	--	--	--	--	--	--
411348096180401	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<1.00	<0.05	<0.05
411413096194401	0.027	0.589	0.19	--	--	--	--	--	--	--	--	--
411443096194201	--	--	--	--	--	--	--	--	--	--	--	--
411507096154801	--	--	--	--	--	--	--	--	--	--	--	--
411620096164001	--	--	--	--	--	--	--	--	--	--	--	--
411717096193501	--	--	--	--	--	--	--	--	--	--	--	--
411723096211601	--	--	--	--	--	--	--	--	--	--	--	--
411741096173301	--	--	--	--	--	--	--	--	--	--	--	--
411755096162801	--	--	--	--	--	--	--	--	--	--	--	--
411810096200901	--	--	--	0.10	<0.05	<0.05	<0.05	<0.05	0.22	<1.00	<0.05	<0.05
411937096213701	--	--	--	--	--	--	--	--	--	--	--	--
411945096200701	--	--	--	--	--	--	--	--	--	--	--	--
412018096084501	--	--	--	--	--	--	--	--	--	--	--	--
412126096232201	--	--	--	0.13	<0.05	<0.05	<0.05	<0.05	0.12	<1.00	<0.05	<0.05
412134096223901	--	--	--	--	--	--	--	--	--	--	--	--
412230096214501	--	--	--	--	--	--	--	--	--	--	--	--
412312096261601	E.004	0.291	0.10	--	--	--	--	--	--	--	--	--
412333096264801	E.007	0.454	0.15	0.05	<0.05	<0.05	<0.05	<0.05	0.19	<1.00	<0.05	<0.05
SARPY COUNTY												
410228096083501	--	--	--	--	--	--	--	--	--	--	--	--
410327096061801	--	--	--	--	--	--	--	--	--	--	--	--
410332095594701	<0.008	0.730	0.24	--	--	--	--	--	--	--	--	--
410334095595701	E.004	0.656	0.21	--	--	--	--	--	--	--	--	--
410337095593701	0.010	0.598	0.20	0.15	<0.09	<0.14	<0.05	<0.05	1.18	<1.00	<0.05	<0.05
410407096032701	E.007	0.929	0.30	0.15	<0.05	<0.13	<0.05	<0.05	0.96	<1.00	<0.05	<0.05
410411096175701	--	--	--	--	--	--	--	--	--	--	--	--
410528096152301	<0.008	0.132	0.04	--	--	--	--	--	--	--	--	--
410535096174501	--	--	--	--	--	--	--	--	--	--	--	--
410651096134801	--	--	--	--	--	--	--	--	--	--	--	--
410656096173901	--	--	--	--	--	--	--	--	--	--	--	--
410719096180601	--	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<1.00	<0.05	<0.05

PAPIO-MISSOURI STUDY
WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Carboxin, water, fltrd, ug/L (04027)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Diphenamid, water, fltrd, ug/L (04033)	Hexazinone, water, fltrd, ug/L (04025)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)	Simazine, water, fltrd, ug/L (04035)
BURT COUNTY												
415835096190901	--	--	--	--	--	--	--	--	--	--	--	--
DOUGLAS COUNTY												
411249096192901	--	--	--	--	--	--	--	--	--	--	--	--
411258096205801	--	--	--	--	--	--	--	--	--	--	--	--
411324096181801	--	--	--	--	--	--	--	--	--	--	--	--
411348096180401	<0.05	<0.02	<0.05	<0.05	<0.05	E.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
411413096194401	--	--	--	--	--	--	--	--	--	--	--	--
411443096194201	--	--	--	--	--	--	--	--	--	--	--	--
411507096154801	--	--	--	--	--	--	--	--	--	--	--	--
411620096164001	--	--	--	--	--	--	--	--	--	--	--	--
411717096193501	--	--	--	--	--	--	--	--	--	--	--	--
411723096211601	--	--	--	--	--	--	--	--	--	--	--	--
411741096173301	--	--	--	--	--	--	--	--	--	--	--	--
411755096162801	--	--	--	--	--	--	--	--	--	--	--	--
411810096200901	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
411937096213701	--	--	--	--	--	--	--	--	--	--	--	--
411945096200701	--	--	--	--	--	--	--	--	--	--	--	--
412018096084501	--	--	--	--	--	--	--	--	--	--	--	--
412126096232201	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
412134096223901	--	--	--	--	--	--	--	--	--	--	--	--
412230096214501	--	--	--	--	--	--	--	--	--	--	--	--
412312096261601	--	--	--	--	--	--	--	--	--	--	--	--
412333096264801	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SARPY COUNTY												
410228096083501	--	--	--	--	--	--	--	--	--	--	--	--
410327096061801	--	--	--	--	--	--	--	--	--	--	--	--
410332095594701	--	--	--	--	--	--	--	--	--	--	--	--
410334095595701	--	--	--	--	--	--	--	--	--	--	--	--
410337095593701	<0.05	<0.02	<0.05	<0.05	<0.05	0.40	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
410407096032701	<0.05	<0.02	<0.05	<0.05	<0.05	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
410411096175701	--	--	--	--	--	--	--	--	--	--	--	--
410528096152301	--	--	--	--	--	--	--	--	--	--	--	--
410535096174501	--	--	--	--	--	--	--	--	--	--	--	--
410651096134801	--	--	--	--	--	--	--	--	--	--	--	--
410656096173901	--	--	--	--	--	--	--	--	--	--	--	--
410719096180601	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

PAPIO-MISSOURI STUDY
WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Simatryn, water, fltrd, ug/L (04030)	Terbacil, water, fltrd, ug/L (04032)	Trifluralin, water, fltrd, ug/L (04023)	Vernolate, water, fltrd, ug/L (04034)
BURT COUNTY				
415835096190901	--	--	--	--
DOUGLAS COUNTY				
411249096192901	--	--	--	--
411258096205801	--	--	--	--
411324096181801	--	--	--	--
411348096180401	<0.05	<0.05	<0.05	<0.05
411413096194401	--	--	--	--
411443096194201	--	--	--	--
411507096154801	--	--	--	--
411620096164001	--	--	--	--
411717096193501	--	--	--	--
411723096211601	--	--	--	--
411741096173301	--	--	--	--
411755096162801	--	--	--	--
411810096200901	<0.05	<0.05	<0.05	<0.05
411937096213701	--	--	--	--
411945096200701	--	--	--	--
412018096084501	--	--	--	--
412126096232201	<0.05	<0.05	<0.05	<0.05
412134096223901	--	--	--	--
412230096214501	--	--	--	--
412312096261601	--	--	--	--
412333096264801	<0.05	<0.05	<0.05	<0.05
SARPY COUNTY				
410228096083501	--	--	--	--
410327096061801	--	--	--	--
410332095594701	--	--	--	--
410334095595701	--	--	--	--
410337095593701	<0.05	<0.05	<0.05	<0.05
410407096032701	<0.05	<0.05	<0.05	<0.05
410411096175701	--	--	--	--
410528096152301	--	--	--	--
410535096174501	--	--	--	--
410651096134801	--	--	--	--
410656096173901	--	--	--	--
410719096180601	<0.05	<0.05	<0.05	<0.05

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

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

CHEMICAL ANALYSES OF GROUND WATER

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS

(Station Name: indicates location by township, range, and section. Geologic unit: 112SDGV, Pleistocene sand and gravel deposits; 211DKOT, Upper Cretaceous Dakota Formation deposits.)

COUNTIES.--Burt, Dakota, Douglas, Sarpy, Thurston, and Washington

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Geologic unit	Date	Time
		BURT COUNTY				
414700096134901	21N 11E19BBBC1	41 47 00 N	096 13 49 W	211DKOT	10-17-02	1915
	21N 11E19BBBC1	41 47 00 N	096 13 49 W	211DKOT	12-17-02	1950
	21N 11E19BBBC1	41 47 00 N	096 13 49 W	211DKOT	02-27-03	1855
	21N 11E19BBBC1	41 47 00 N	096 13 49 W	211DKOT	04-02-03	1905
	21N 11E19BBBC1	41 47 00 N	096 13 49 W	211DKOT	06-18-03	0755
	21N 11E19BBBC1	41 47 00 N	096 13 49 W	211DKOT	09-10-03	1020
414700096134902	21N 11E19BBBC2	41 47 00 N	096 13 49 W	211DKOT	10-17-02	1955
	21N 11E19BBBC2	41 47 00 N	096 13 49 W	211DKOT	12-17-02	2030
	21N 11E19BBBC2	41 47 00 N	096 13 49 W	211DKOT	02-27-03	1945
	21N 11E19BBBC2	41 47 00 N	096 13 49 W	211DKOT	04-02-03	1940
	21N 11E19BBBC2	41 47 00 N	096 13 49 W	211DKOT	06-18-03	0830
	21N 11E19BBBC2	41 47 00 N	096 13 49 W	211DKOT	09-10-03	1100
414700096134903	21N 11E19BBBC3	41 47 00 N	096 13 49 W	211DKOT	10-17-02	2015
	21N 11E19BBBC3	41 47 00 N	096 13 49 W	211DKOT	12-17-02	1850
	21N 11E19BBBC3	41 47 00 N	096 13 49 W	211DKOT	02-27-03	2010
	21N 11E19BBBC3	41 47 00 N	096 13 49 W	211DKOT	04-02-03	2010
	21N 11E19BBBC3	41 47 00 N	096 13 49 W	211DKOT	06-18-03	0855
	21N 11E19BBBC3	41 47 00 N	096 13 49 W	211DKOT	09-10-03	1135
		DAKOTA COUNTY				
422035096281901	27N 8E 1ACCC1	42 20 35 N	096 28 19 W	112SDGV	10-17-02	1545
	27N 8E 1ACCC1	42 20 35 N	096 28 19 W	112SDGV	12-17-02	1525
	27N 8E 1ACCC1	42 20 35 N	096 28 19 W	112SDGV	02-27-03	1535
	27N 8E 1ACCC1	42 20 35 N	096 28 19 W	112SDGV	04-02-03	1525
	27N 8E 1ACCC1	42 20 35 N	096 28 19 W	112SDGV	06-17-03	1410
	27N 8E 1ACCC1	42 20 35 N	096 28 19 W	112SDGV	09-09-03	1235
422035096281902	27N 8E 1ACCC2	42 20 35 N	096 28 19 W	112SDGV	10-17-02	1615
	27N 8E 1ACCC2	42 20 35 N	096 28 19 W	112SDGV	12-17-02	1555
	27N 8E 1ACCC2	42 20 35 N	096 28 19 W	112SDGV	02-27-03	1610
	27N 8E 1ACCC2	42 20 35 N	096 28 19 W	112SDGV	04-02-03	1555
	27N 8E 1ACCC2	42 20 35 N	096 28 19 W	112SDGV	06-17-03	1455
	27N 8E 1ACCC2	42 20 35 N	096 28 19 W	112SDGV	09-09-03	1310
422035096281903	27N 8E 1ACCC3	42 20 35 N	096 28 19 W	112SDGV	10-17-02	1630
	27N 8E 1ACCC3	42 20 35 N	096 28 19 W	112SDGV	12-17-02	1620
	27N 8E 1ACCC3	42 20 35 N	096 28 19 W	112SDGV	02-27-03	1630
	27N 8E 1ACCC3	42 20 35 N	096 28 19 W	112SDGV	04-02-03	1615
	27N 8E 1ACCC3	42 20 35 N	096 28 19 W	112SDGV	06-17-03	1535
	27N 8E 1ACCC3	42 20 35 N	096 28 19 W	112SDGV	09-09-03	1330
		DOUGLAS COUNTY				
411231096193201	14N 10E 5CBDD1	41 12 31 N	096 19 32 W	112SDGV	10-16-02	1700
	14N 10E 5CBDD1	41 12 31 N	096 19 32 W	112SDGV	12-19-02	1730
	14N 10E 5CBDD1	41 12 31 N	096 19 32 W	112SDGV	02-26-03	1555
	14N 10E 5CBDD1	41 12 31 N	096 19 32 W	112SDGV	04-01-03	1635
	14N 10E 5CBDD1	41 12 31 N	096 19 32 W	112SDGV	06-25-03	1445
	14N 10E 5CBDD1	41 12 31 N	096 19 32 W	112SDGV	09-11-03	1630
411231096193202	14N 10E 5CBDD2	41 12 31 N	096 19 32 W	112SDGV	10-16-02	1720
	14N 10E 5CBDD2	41 12 31 N	096 19 32 W	112SDGV	12-19-02	1805
	14N 10E 5CBDD2	41 12 31 N	096 19 32 W	112SDGV	02-26-03	1620
	14N 10E 5CBDD2	41 12 31 N	096 19 32 W	112SDGV	04-01-03	1655
	14N 10E 5CBDD2	41 12 31 N	096 19 32 W	112SDGV	06-25-03	1510
	14N 10E 5CBDD2	41 12 31 N	096 19 32 W	112SDGV	09-11-03	1655
411231096193203	14N 10E 5CBDB3	41 12 31 N	096 19 32 W	112SDGV	10-16-02	1740
	14N 10E 5CBDB3	41 12 31 N	096 19 32 W	112SDGV	12-19-02	1840
	14N 10E 5CBDB3	41 12 31 N	096 19 32 W	112SDGV	02-26-03	1640
	14N 10E 5CBDB3	41 12 31 N	096 19 32 W	112SDGV	04-01-03	1715
	14N 10E 5CBDB3	41 12 31 N	096 19 32 W	112SDGV	06-25-03	1530
	14N 10E 5CBDB3	41 12 31 N	096 19 32 W	112SDGV	09-11-03	1725
412151096180801	16N 10E16BAAA1	41 21 51 N	096 18 08 W	112SDGV	10-18-02	1450
	16N 10E16BAAA1	41 21 51 N	096 18 08 W	112SDGV	12-18-02	1500

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Depth of well, feet below LSD (72008)	Barometric pressure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
BURT COUNTY												
414700096134901	171	727	--	1.0	10	7.0	1,140	13.0	12.0	--	--	--
	171	717	--	0.4	4	6.9	1,230	4.0	12.0	--	--	--
	171	729	--	1.8	18	7.0	1,020	2.0	12.0	440	127	29.9
	171	718	--	2.1	20	7.0	1,060	26.5	11.0	--	--	--
	171	731	--	0.7	6	7.1	1,150	22.0	12.0	--	--	--
	171	728	--	E.3	--	7.0	1,020	18.0	12.1	--	--	--
414700096134902	139	727	--	0.4	4	7.0	1,170	13.0	12.0	--	--	--
	139	717	--	0.3	3	6.9	1,210	4.0	12.0	--	--	--
	139	729	--	0.2	2	7.0	1,180	2.0	12.0	510	145	34.8
	139	718	--	3.2	31	7.0	1,000	26.5	11.5	--	--	--
	139	731	--	0.1	1	7.1	1,090	22.0	12.0	--	--	--
	139	728	--	E.1	--	6.9	1,000	18.0	12.1	--	--	--
414700096134903	80	727	--	8.8	87	7.2	884	13.0	12.5	--	--	--
	80	717	--	8.6	86	7.2	921	4.0	12.5	--	--	--
	80	729	--	7.5	73	7.2	909	2.0	12.0	440	120	34.1
	80	718	--	8.9	89	7.1	923	26.5	12.5	--	--	--
	80	731	--	10.4	103	7.2	911	22.0	12.5	--	--	--
	80	728	--	E9.0	--	7.1	870	18.0	12.5	--	--	--
DAKOTA COUNTY												
422035096281901	129	727	--	0.1	1	7.0	1,180	13.0	11.5	--	--	--
	129	717	--	0.2	2	6.8	1,220	4.0	11.5	--	--	--
	129	729	--	0.4	4	7.0	1,200	3.0	11.5	--	--	--
	129	718	--	0.3	3	7.0	1,230	26.5	11.5	--	--	--
	129	733	67	0.2	2	7.0	1,250	33.0	11.5	540	155	37.2
	129	730	--	0.2	2	6.9	1,210	22.0	11.6	--	--	--
422035096281902	93	727	--	0.2	2	7.1	894	13.0	11.5	--	--	--
	93	717	--	1.6	16	7.0	923	4.0	11.5	--	--	--
	93	729	--	1.5	15	7.1	909	3.0	11.5	--	--	--
	93	718	--	0.6	6	7.0	927	26.5	11.5	--	--	--
	93	733	111	1.5	14	6.9	931	33.0	11.5	450	124	33.2
	93	730	--	0.8	8	6.9	896	22.0	11.6	--	--	--
422035096281903	53	727	--	1.5	15	7.1	1,070	13.0	11.5	--	--	--
	53	717	--	1.8	18	7.0	1,090	4.0	11.5	--	--	--
	53	729	--	1.7	16	7.0	1,050	3.0	11.5	--	--	--
	53	718	--	1.6	15	7.0	1,070	26.5	11.5	--	--	--
	53	733	127	1.8	17	6.9	1,100	33.0	11.5	580	172	37.7
	53	730	--	1.7	16	6.9	1,040	22.0	11.7	--	--	--
DOUGLAS COUNTY												
411231096193201	98	735	--	0.1	1	--	555	4.5	12.0	--	--	--
	98	727	--	0.2	2	7.2	560	7.0	12.0	230	71.2	11.9
	98	735	--	0.2	2	7.4	570	-3.0	12.0	--	--	--
	98	724	--	0.3	3	7.4	571	26.5	12.0	--	--	--
	98	736	--	0.2	2	7.3	565	29.0	12.0	--	--	--
	98	731	--	E.2	--	7.3	554	18.0	12.1	--	--	--
411231096193202	58	735	--	0.1	1	--	584	4.5	12.0	--	--	--
	58	727	--	0.1	0.0	7.1	586	7.0	12.0	240	74.3	12.3
	58	735	--	M	0.0	7.3	588	-3.0	12.0	--	--	--
	58	724	--	0.2	2	7.3	589	26.5	12.0	--	--	--
	58	736	--	0.2	2	7.3	575	29.0	12.0	--	--	--
	58	731	--	E.1	--	7.2	553	18.0	12.2	--	--	--
411231096193203	22	735	--	0.6	6	--	435	4.5	14.0	--	--	--
	22	727	--	0.5	5	6.6	410	7.0	13.5	160	52.0	7.98
	22	735	--	1.1	10	6.8	419	-3.0	12.0	--	--	--
	22	724	--	0.5	4	6.7	452	26.5	11.5	--	--	--
	22	736	--	0.5	4	7.0	431	29.0	11.5	--	--	--
	22	731	--	E.8	--	6.9	391	18.0	13.4	--	--	--
412151096180801	33	727	--	1.2	12	7.4	538	21.0	12.5	--	--	--
	33	719	--	0.8	7	6.9	570	5.0	12.0	--	--	--

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)
BURT COUNTY												
414700096134901	--	--	--	--	--	--	--	--	--	--	1.39	--
	--	--	--	--	--	--	--	--	--	--	0.77	--
	1	53.2	E286	24.0	17.8	183	--	--	--	--	8.91	--
	--	--	--	--	--	--	0.07	0.05	--	--	7.95	--
	--	--	--	--	--	--	--	--	--	--	1.61	--
	--	--	--	--	--	--	0.36	0.28	--	--	1.05	--
414700096134902	--	--	--	--	--	--	--	--	--	--	0.15	--
	--	--	--	--	--	--	--	--	--	--	0.30	--
	1	69.8	--	32.5	19.3	296	--	--	--	--	0.42	--
	--	--	--	--	--	--	--	<0.04	37.5	8.47	8.54	0.220
	--	--	--	--	--	--	--	--	--	--	0.19	--
	--	--	--	--	--	--	0.24	0.19	--	--	<0.06	--
414700096134903	--	--	--	--	--	--	--	--	--	--	22.1	--
	--	--	--	--	--	--	--	--	--	--	20.1	--
	0.5	21.9	E343	19.1	19.8	31.7	--	--	--	--	22.1	--
	--	--	--	--	--	--	--	<0.04	--	--	22.9	--
	--	--	--	--	--	--	--	--	--	--	21.3	--
	--	--	--	--	--	--	--	<0.04	--	--	18.9	--
DAKOTA COUNTY												
422035096281901	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	--	--	--	--	0.07	--
	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	0.60	0.47	--	--	<0.06	--
	1	60.7	325	39.5	29.3	296	--	--	--	--	<0.06	--
	--	--	--	--	--	--	0.61	0.47	--	--	<0.06	--
422035096281902	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	0.40	0.31	--	--	<0.06	--
	0.6	29.9	415	7.23	30.7	94.9	--	--	--	--	<0.06	--
	--	--	--	--	--	--	0.35	0.27	--	--	<0.06	--
422035096281903	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	0.15	0.12	--	--	<0.06	--
	0.4	20.2	543	5.61	29.4	74.5	--	--	--	--	<0.06	--
	--	--	--	--	--	--	0.13	0.10	--	--	<0.06	--
DOUGLAS COUNTY												
411231096193201	--	--	--	--	--	--	--	--	--	--	2.33	--
	0.8	28.3	E192	11.7	32.0	80.6	--	--	--	--	2.04	--
	--	--	--	--	--	--	--	--	--	--	1.82	--
	--	--	--	--	--	--	--	<0.04	--	--	1.85	--
	--	--	--	--	--	--	--	--	--	--	1.87	--
	--	--	--	--	--	--	--	<0.04	--	--	1.65	--
411231096193202	--	--	--	--	--	--	--	--	--	--	2.38	--
	0.8	27.8	E195	13.4	30.8	82.8	--	--	--	--	1.01	--
	--	--	--	--	--	--	--	--	--	--	1.42	--
	--	--	--	--	--	--	--	<0.04	6.61	1.49	1.51	0.053
	--	--	--	--	--	--	--	--	--	--	0.99	--
	--	--	--	--	--	--	--	<0.04	--	--	0.31	--
411231096193203	--	--	--	--	--	--	--	--	--	--	1.61	--
	0.4	11.0	E121	13.8	27.4	52.7	--	--	--	--	2.68	--
	--	--	--	--	--	--	--	--	--	--	2.48	--
	--	--	--	--	--	--	--	<0.04	7.49	1.69	1.75	0.197
	--	--	--	--	--	--	--	--	--	--	1.64	--
	--	--	--	--	--	--	--	<0.04	11.5	2.61	2.68	0.233
412151096180801	--	--	--	--	--	--	--	--	--	--	<0.06	--
	--	--	--	--	--	--	--	--	--	--	<0.06	--

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L (00660)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)
BURT COUNTY					
414700096134901	--	--	--	--	--
	--	--	--	--	--
	--	--	--	11	630
	<0.008	--	E.01	--	--
	--	--	--	--	--
	<0.008	--	E.01	--	--
414700096134902	--	--	--	--	--
	--	--	--	--	--
	--	--	--	32	273
	0.067	0.077	0.03	--	--
	--	--	--	--	--
	<0.008	0.083	0.03	--	--
414700096134903	--	--	--	--	--
	--	--	--	--	--
	--	--	--	<10	<2.0
	<0.008	0.267	0.09	--	--
	--	--	--	--	--
	<0.008	0.276	0.09	--	--
DAKOTA COUNTY					
422035096281901	--	--	--	--	--
	--	--	--	--	--
	--	--	--	--	--
	<0.008	0.077	0.03	--	--
	--	--	--	5,910	389
	<0.008	--	<0.02	--	--
422035096281902	--	--	--	--	--
	--	--	--	--	--
	--	--	--	--	--
	<0.008	--	E.01	--	--
	--	--	--	5,280	489
	<0.008	--	<0.02	--	--
422035096281903	--	--	--	--	--
	--	--	--	--	--
	--	--	--	--	--
	<0.008	0.123	0.04	--	--
	--	--	--	7,390	995
	<0.008	--	<0.02	--	--
DOUGLAS COUNTY					
411231096193201	--	--	--	--	--
	--	--	--	11	38.1
	--	--	--	--	--
	E.005	0.291	0.10	--	--
	--	--	--	--	--
	E.007	--	E.12	--	--
411231096193202	--	--	--	--	--
	--	--	--	77	224
	--	--	--	--	--
	0.016	0.227	0.07	--	--
	--	--	--	--	--
	E.007	--	E.10	--	--
411231096193203	--	--	--	--	--
	--	--	--	11	286
	--	--	--	--	--
	0.060	0.113	0.04	--	--
	--	--	--	--	--
	0.071	--	<0.18	--	--
412151096180801	--	--	--	--	--
	--	--	--	--	--

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Geologic unit	Date	Time
		DOUGLAS COUNTY				
412151096180801	16N 10E16BAAA1	41 21 51 N	096 18 08 W	112SDGV	02-28-03	1640
	16N 10E16BAAA1	41 21 51 N	096 18 08 W	112SDGV	04-03-03	1555
	16N 10E16BAAA1	41 21 51 N	096 18 08 W	112SDGV	06-25-03	1245
	16N 10E16BAAA1	41 21 51 N	096 18 08 W	112SDGV	09-11-03	1410
412151096180802	16N 10E16BAAA2	41 21 51 N	096 18 08 W	112SDGV	10-18-02	1505
	16N 10E16BAAA2	41 21 51 N	096 18 08 W	112SDGV	12-18-02	1520
	16N 10E16BAAA2	41 21 51 N	096 18 08 W	112SDGV	02-28-03	1655
	16N 10E16BAAA2	41 21 51 N	096 18 08 W	112SDGV	04-03-03	1625
	16N 10E16BAAA2	41 21 51 N	096 18 08 W	112SDGV	06-25-03	1310
	16N 10E16BAAA2	41 21 51 N	096 18 08 W	112SDGV	09-11-03	1440
		SARPY COUNTY				
410243096082001	12N 11E 1BBBB1	41 02 43 N	096 08 20 W	112SDGV	10-16-02	1405
	12N 11E 1BBBB1	41 02 43 N	096 08 20 W	112SDGV	12-19-02	1400
	12N 11E 1BBBB1	41 02 43 N	096 08 20 W	112SDGV	02-26-03	1315
	12N 11E 1BBBB1	41 02 43 N	096 08 20 W	112SDGV	04-01-03	1355
	12N 11E 1BBBB1	41 02 43 N	096 08 20 W	112SDGV	06-25-03	1720
	12N 11E 1BBBB1	41 02 43 N	096 08 20 W	112SDGV	09-12-03	1525
410243096082002	12N 11E 1BBBB2	41 02 43 N	096 08 20 W	112SDGV	10-16-02	1435
	12N 11E 1BBBB2	41 02 43 N	096 08 20 W	112SDGV	12-19-02	1500
	12N 11E 1BBBB2	41 02 43 N	096 08 20 W	112SDGV	02-26-03	1345
	12N 11E 1BBBB2	41 02 43 N	096 08 20 W	112SDGV	04-01-03	1420
	12N 11E 1BBBB2	41 02 43 N	096 08 20 W	112SDGV	06-25-03	1740
	12N 11E 1BBBB2	41 02 43 N	096 08 20 W	112SDGV	09-12-03	1550
410243096082003	12N 11E 1BBBB3	41 02 43 N	096 08 20 W	112SDGV	10-16-02	1500
	12N 11E 1BBBB3	41 02 43 N	096 08 20 W	112SDGV	12-19-02	1535
	12N 11E 1BBBB3	41 02 43 N	096 08 20 W	112SDGV	02-26-03	1410
	12N 11E 1BBBB3	41 02 43 N	096 08 20 W	112SDGV	04-01-03	1440
	12N 11E 1BBBB3	41 02 43 N	096 08 20 W	112SDGV	06-25-03	1805
	12N 11E 1BBBB3	41 02 43 N	096 08 20 W	112SDGV	09-12-03	1630
410334096182801	13N 10E33BBAB1	41 03 34 N	096 18 28 W	112SDGV	10-16-02	1105
	13N 10E33BBAB1	41 03 34 N	096 18 28 W	112SDGV	12-19-02	1035
	13N 10E33BBAB1	41 03 34 N	096 18 28 W	112SDGV	02-26-03	1025
	13N 10E33BBAB1	41 03 34 N	096 18 28 W	112SDGV	04-01-03	1055
	13N 10E33BBAB1	41 03 34 N	096 18 28 W	112SDGV	06-20-03	1205
	13N 10E33BBAB1	41 03 34 N	096 18 28 W	112SDGV	09-12-03	1155
410334096182802	13N 10E33BBAB2	41 03 34 N	096 18 28 W	112SDGV	10-16-02	1130
	13N 10E33BBAB2	41 03 34 N	096 18 28 W	112SDGV	12-19-02	1120
	13N 10E33BBAB2	41 03 34 N	096 18 28 W	112SDGV	02-26-03	1100
	13N 10E33BBAB2	41 03 34 N	096 18 28 W	112SDGV	04-01-03	1125
	13N 10E33BBAB2	41 03 34 N	096 18 28 W	112SDGV	06-20-03	1300
	13N 10E33BBAB2	41 03 34 N	096 18 28 W	112SDGV	09-12-03	1230
410334096182803	13N 10E33BBAB3	41 03 34 N	096 18 28 W	112SDGV	10-16-02	1150
	13N 10E33BBAB3	41 03 34 N	096 18 28 W	112SDGV	12-19-02	1155
	13N 10E33BBAB3	41 03 34 N	096 18 28 W	112SDGV	02-26-03	1120
	13N 10E33BBAB3	41 03 34 N	096 18 28 W	112SDGV	04-01-03	1145
	13N 10E33BBAB3	41 03 34 N	096 18 28 W	112SDGV	06-20-03	1345
	13N 10E33BBAB3	41 03 34 N	096 18 28 W	112SDGV	09-12-03	1305
		THURSTON COUNTY				
420840096290901	25N 8E14ADBA1	42 08 40 N	096 29 09 W	211DKOT	10-17-02	1155
	25N 8E14ADBA1	42 08 40 N	096 29 09 W	211DKOT	12-17-02	1120
	25N 8E14ADBA1	42 08 40 N	096 29 09 W	211DKOT	02-27-03	1125
	25N 8E14ADBA1	42 08 40 N	096 29 09 W	211DKOT	04-02-03	1210
	25N 8E14ADBA1	42 08 40 N	096 29 09 W	211DKOT	06-17-03	1810
	25N 8E14ADBA1	42 08 40 N	096 29 09 W	211DKOT	09-09-03	1550
420840096290902	25N 8E14ADBA2	42 08 40 N	096 29 09 W	211DKOT	10-17-02	1240
	25N 8E14ADBA2	42 08 40 N	096 29 09 W	211DKOT	12-17-02	1235
	25N 8E14ADBA2	42 08 40 N	096 29 09 W	211DKOT	02-27-03	1205
	25N 8E14ADBA2	42 08 40 N	096 29 09 W	211DKOT	04-02-03	1255

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Depth of well, feet below LSD (72008)	Barometric pressure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
					DOUGLAS COUNTY							
412151096180801	33	737	--	0.4	4	7.3	571	5.0	12.0	--	--	--
	33	716	57	0.4	4	6.9	575	23.0	12.0	280	83.6	16.2
	33	736	--	0.7	7	7.0	575	29.0	11.5	--	--	--
	33	731	--	E.4	--	7.2	561	18.0	11.7	--	--	--
412151096180802	25	727	--	0.2	2	7.2	564	21.0	11.9	--	--	--
	25	719	--	1.4	14	7.2	545	5.0	12.5	--	--	--
	25	737	--	1.2	11	7.5	553	5.0	12.0	--	--	--
	25	716	28	1.2	12	7.2	558	23.0	12.0	260	79.4	15.4
	25	736	--	1.5	14	7.0	562	29.0	11.5	--	--	--
	25	731	--	E1.3	--	7.2	553	18.0	11.7	--	--	--
					SARPY COUNTY							
410243096082001	83	735	--	6.2	60	--	500	4.5	12.5	--	--	--
	83	727	--	7.2	71	7.1	507	7.0	12.5	230	64.1	16.6
	83	735	--	7.1	69	7.2	513	-3.0	12.5	--	--	--
	83	724	--	6.7	66	7.2	514	26.5	12.5	--	--	--
	83	736	--	8.5	83	7.2	511	29.0	12.5	--	--	--
	83	730	--	E6.7	--	7.0	503	28.0	12.6	--	--	--
410243096082002	70	735	--	5.5	54	--	489	4.5	12.5	--	--	--
	70	727	--	5.7	56	7.0	509	7.0	12.5	230	64.0	17.0
	70	735	--	6.3	62	7.1	519	-3.0	12.5	--	--	--
	70	724	--	6.2	61	7.1	522	26.5	12.5	--	--	--
	70	736	--	8.1	78	7.1	523	29.0	12.5	--	--	--
	70	730	--	E6.0	--	6.9	516	28.0	12.6	--	--	--
410243096082003	55	735	--	3.8	37	--	495	4.5	12.5	--	--	--
	55	727	--	3.7	36	7.0	503	7.0	12.5	230	64.7	16.8
	55	735	--	4.2	41	7.2	511	-3.0	12.5	--	--	--
	55	724	--	3.5	35	7.2	512	26.5	12.5	--	--	--
	55	736	--	4.5	43	7.1	509	29.0	12.5	--	--	--
	55	730	--	E3.9	--	7.0	500	28.0	12.6	--	--	--
410334096182801	55	735	--	0.2	2	--	476	4.5	12.5	--	--	--
	55	727	--	0.4	4	7.5	478	7.0	12.5	190	53.1	12.9
	55	735	--	0.3	3	7.6	481	-3.0	12.5	--	--	--
	55	724	--	0.2	2	7.4	483	26.5	12.5	--	--	--
	55	735	--	0.4	4	7.3	472	30.5	12.5	--	--	--
	55	730	--	E.2	--	7.2	476	28.0	12.7	--	--	--
410334096182802	37.5	735	--	0.1	1	--	476	4.5	12.5	--	--	--
	37.5	727	--	0.7	6	7.4	470	7.0	12.5	180	50.5	12.4
	37.5	735	--	1.0	10	7.5	470	-3.0	12.5	--	--	--
	37.5	724	--	0.5	5	7.3	472	26.5	12.5	--	--	--
	37.5	735	--	0.6	6	7.2	461	30.5	12.5	--	--	--
	37.5	730	--	E.3	--	7.2	458	28.0	12.6	--	--	--
410334096182803	21	735	--	0.4	4	--	675	4.5	14.0	--	--	--
	21	727	--	0.3	4	6.9	741	7.0	14.0	260	77.6	17.1
	21	735	--	0.7	7	6.9	791	-3.0	12.5	--	--	--
	21	724	--	1.1	11	6.8	783	26.5	11.5	--	--	--
	21	735	--	0.5	5	7.0	645	30.5	11.5	--	--	--
	21	730	--	E.5	--	6.9	732	28.0	13.0	--	--	--
					THURSTON COUNTY							
420840096290901	162	727	--	0.1	1	7.1	940	10.5	11.0	--	--	--
	162	717	--	0.8	8	7.0	964	4.0	11.0	--	--	--
	162	729	--	0.1	1	7.0	938	-0.5	11.0	400	124	22.9
	162	718	--	0.3	3	7.1	959	26.5	11.0	--	--	--
	162	733	--	0.2	2	6.8	955	32.0	11.0	--	--	--
	162	730	--	0.2	2	6.9	915	22.0	11.1	--	--	--
420840096290902	133	727	--	0.2	2	7.1	840	10.5	11.0	--	--	--
	133	717	--	0.9	9	6.9	868	4.0	11.0	--	--	--
	133	729	--	0.2	2	7.0	845	-0.5	11.0	390	119	22.1
	133	718	--	0.4	4	7.1	869	26.5	11.0	--	--	--

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L (71846)	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 (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)
DOUGLAS COUNTY												
412151096180801	--	--	--	--	--	--	--	--	E.03	--	--	--
	0.4	16.6	240	3.51	27.0	66.6	0.36	0.28	<0.06	<0.008	0.254	0.08
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.27	0.21	<0.06	<0.008	0.724	0.24
412151096180802	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	0.4	16.7	242	3.10	23.6	58.1	0.28	0.22	<0.06	<0.008	0.386	0.13
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.28	0.22	<0.06	<0.008	0.779	0.25
SARPY COUNTY												
410243096082001	--	--	--	--	--	--	--	--	6.27	--	--	--
	0.5	18.5	E232	3.90	29.2	18.1	--	--	5.87	--	--	--
	--	--	--	--	--	--	--	--	6.10	--	--	--
	--	--	--	--	--	--	--	<0.04	6.27	<0.008	0.408	0.13
	--	--	--	--	--	--	--	--	6.57	--	--	--
	--	--	--	--	--	--	--	<0.04	6.40	<0.008	0.429	0.14
410243096082002	--	--	--	--	--	--	--	--	5.72	--	--	--
	0.5	17.8	E230	3.88	30.9	21.1	--	--	4.35	--	--	--
	--	--	--	--	--	--	--	--	5.84	--	--	--
	--	--	--	--	--	--	--	<0.04	5.28	<0.008	0.457	0.15
	--	--	--	--	--	--	--	--	4.57	--	--	--
	--	--	--	--	--	--	--	<0.04	6.31	<0.008	0.481	0.16
410243096082003	--	--	--	--	--	--	--	--	3.09	--	--	--
	0.5	17.7	E234	4.79	35.2	25.6	--	--	3.05	--	--	--
	--	--	--	--	--	--	--	--	3.32	--	--	--
	--	--	--	--	--	--	0.07	0.05	3.46	<0.008	1.55	0.50
	--	--	--	--	--	--	--	--	2.94	--	--	--
	--	--	--	--	--	--	0.14	0.11	2.81	<0.008	1.97	0.64
410334096182801	--	--	--	--	--	--	--	--	<0.06	--	--	--
	0.8	26.0	E205	13.6	30.5	23.8	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	E.04	--	--	--
	--	--	--	--	--	--	0.52	0.41	0.10	<0.008	0.383	0.12
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.64	0.50	<0.06	<0.008	0.159	0.05
410334096182802	--	--	--	--	--	--	--	--	E.04	--	--	--
	0.9	27.4	E190	14.0	27.5	34.2	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	0.09	--	--	--
	--	--	--	--	--	--	0.29	0.23	0.07	<0.008	0.181	0.06
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.24	0.19	<0.06	<0.008	--	<0.02
410334096182803	--	--	--	--	--	--	--	--	<0.06	--	--	--
	2	59.3	E356	7.45	31.6	36.4	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.31	0.24	<0.06	<0.008	0.212	0.07
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.32	0.25	<0.06	<0.008	0.113	0.04
THURSTON COUNTY												
420840096290901	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	0.9	43.2	E304	27.7	12.6	167	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.44	0.34	<0.06	<0.008	--	E.02
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.51	0.40	<0.06	<0.008	--	<0.02
420840096290902	--	--	--	--	--	--	--	--	<0.06	--	--	--
	--	--	--	--	--	--	--	--	<0.06	--	--	--
	0.7	32.4	E319	22.1	13.9	122	--	--	<0.06	--	--	--
	--	--	--	--	--	--	0.36	0.28	<0.06	<0.008	--	E.01

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
DOUGLAS COUNTY		
412151096180801	--	--
	1,400	1,580
	--	--
	--	--
412151096180802	--	--
	--	--
	--	--
	1,670	1,150
	--	--
	--	--
SARPY COUNTY		
410243096082001	--	--
	<10	<2.0
	--	--
	--	--
	--	--
	--	--
410243096082002	--	--
	16	3.1
	--	--
	--	--
	--	--
	--	--
410243096082003	--	--
	234	237
	--	--
	--	--
	--	--
	--	--
410334096182801	--	--
	918	550
	--	--
	--	--
	--	--
	--	--
410334096182802	--	--
	1,380	657
	--	--
	--	--
	--	--
	--	--
410334096182803	--	--
	3,310	1,050
	--	--
	--	--
	--	--
	--	--
THURSTON COUNTY		
420840096290901	--	--
	--	--
	857	158
	--	--
	--	--
	--	--
420840096290902	--	--
	--	--
	768	182
	--	--

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Geologic unit	Date	Time
		THURSTON COUNTY				
420840096290902	25N 8E14ADBA2	42 08 40 N	096 29 09 W	211DKOT	06-17-03	1855
	25N 8E14ADBA2	42 08 40 N	096 29 09 W	211DKOT	09-09-03	1635
420840096290903	25N 8E14ADBA3	42 08 40 N	096 29 09 W	211DKOT	10-17-02	1320
	25N 8E14ADBA3	42 08 40 N	096 29 09 W	211DKOT	12-17-02	1315
	25N 8E14ADBA3	42 08 40 N	096 29 09 W	211DKOT	02-27-03	1250
	25N 8E14ADBA3	42 08 40 N	096 29 09 W	211DKOT	04-02-03	1330
	25N 8E14ADBA3	42 08 40 N	096 29 09 W	211DKOT	06-17-03	1935
	25N 8E14ADBA3	42 08 40 N	096 29 09 W	211DKOT	09-09-03	1830
		WASHINGTON COUNTY				
412527096081201	17N 11E24CCBC1	41 25 27 N	096 08 12 W	112SDGV	10-18-02	1255
	17N 11E24CCBC1	41 25 27 N	096 08 12 W	112SDGV	12-18-02	1215
	17N 11E24CCBC1	41 25 27 N	096 08 12 W	112SDGV	02-28-03	1355
	17N 11E24CCBC1	41 25 27 N	096 08 12 W	112SDGV	04-03-03	0850
	17N 11E24CCBC1	41 25 27 N	096 08 12 W	112SDGV	06-18-03	1200
	17N 11E24CCBC1	41 25 27 N	096 08 12 W	112SDGV	09-10-03	1550
412527096081202	17N 11E24CCBC2	41 25 27 N	096 08 12 W	112SDGV	10-18-02	1330
	17N 11E24CCBC2	41 25 27 N	096 08 12 W	112SDGV	12-18-02	1255
	17N 11E24CCBC2	41 25 27 N	096 08 12 W	112SDGV	02-28-03	1430
	17N 11E24CCBC2	41 25 27 N	096 08 12 W	112SDGV	04-03-03	0925
	17N 11E24CCBC2	41 25 27 N	096 08 12 W	112SDGV	06-18-03	1310
	17N 11E24CCBC2	41 25 27 N	096 08 12 W	112SDGV	09-10-03	1620
412527096081203	17N 11E24CCBC3	41 25 27 N	096 08 12 W	112SDGV	12-18-02	1310
	17N 11E24CCBC3	41 25 27 N	096 08 12 W	112SDGV	02-28-03	1445
	17N 11E24CCBC3	41 25 27 N	096 08 12 W	112SDGV	04-03-03	1005
	17N 11E24CCBC3	41 25 27 N	096 08 12 W	112SDGV	06-18-03	1330
412637095565901	17N 13E16BDAA1	41 26 37 N	095 56 59 W	112SDGV	10-18-02	0915
	17N 13E16BDAA1	41 26 37 N	095 56 59 W	112SDGV	12-18-02	0905
	17N 13E16BDAA1	41 26 37 N	095 56 59 W	112SDGV	02-28-03	1055
	17N 13E16BDAA1	41 26 37 N	095 56 59 W	112SDGV	04-03-03	1325
	17N 13E16BDAA1	41 26 37 N	095 56 59 W	112SDGV	06-18-03	1600
	17N 13E16BDAA1	41 26 37 N	095 56 59 W	112SDGV	09-11-03	1100
412637095565902	17N 13E16DBAA2	41 26 37 N	095 56 59 W	112SDGV	10-18-02	0940
	17N 13E16DBAA2	41 26 37 N	095 56 59 W	112SDGV	12-18-02	0930
	17N 13E16DBAA2	41 26 37 N	095 56 59 W	112SDGV	02-28-03	1120
	17N 13E16DBAA2	41 26 37 N	095 56 59 W	112SDGV	04-03-03	1400
	17N 13E16DBAA2	41 26 37 N	095 56 59 W	112SDGV	06-18-03	1620
	17N 13E16DBAA2	41 26 37 N	095 56 59 W	112SDGV	09-11-03	1125
412637095565903	17N 13E16DBAA3	41 26 37 N	095 56 59 W	112SDGV	10-18-02	1010
	17N 13E16DBAA3	41 26 37 N	095 56 59 W	112SDGV	12-18-02	0950
	17N 13E16DBAA3	41 26 37 N	095 56 59 W	112SDGV	02-28-03	1145
	17N 13E16DBAA3	41 26 37 N	095 56 59 W	112SDGV	04-03-03	1415
	17N 13E16DBAA3	41 26 37 N	095 56 59 W	112SDGV	06-18-03	1730
	17N 13E16DBAA3	41 26 37 N	095 56 59 W	112SDGV	09-11-03	1210

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Depth of well, feet below LSD (72008)	Barometric pressure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
					THURSTON COUNTY							
420840096290902	133	733	--	0.2	2	6.9	867	32.0	11.0	--	--	--
	133	730	--	0.3	3	6.9	831	22.0	10.9	--	--	--
420840096290903	104.5	727	--	0.3	3	7.0	772	10.5	11.0	--	--	--
	104.5	717	--	0.7	6	7.0	794	4.0	11.0	--	--	--
	104.5	729	--	0.8	8	7.0	774	-0.1	11.0	370	112	21.2
	104.5	718	--	0.3	3	7.1	791	26.5	11.0	--	--	--
	104.5	733	--	0.2	2	7.0	790	32.0	11.0	--	--	--
	104.5	730	--	0.4	4	6.9	763	22.0	10.9	--	--	--
					WASHINGTON COUNTY							
412527096081201	225	727	--	3.8	38	7.3	726	21.0	14.0	--	--	--
	225	719	--	3.9	39	7.2	734	5.0	13.0	--	--	--
	225	737	--	3.7	37	7.5	737	5.0	13.0	--	--	--
	225	716	36	4.4	45	7.3	747	23.0	13.5	360	99.7	26.2
	225	731	--	4.0	40	7.5	749	34.0	13.5	--	--	--
	225	728	--	E3.8	--	7.2	729	20.0	13.7	--	--	--
412527096081202	193.5	727	--	2.7	27	7.5	571	21.0	13.5	--	--	--
	193.5	719	--	2.9	29	7.4	576	5.0	13.0	--	--	--
	193.5	737	--	2.6	25	7.7	582	5.0	13.0	--	--	--
	193.5	716	16	3.2	32	7.6	594	23.0	13.0	240	65.5	18.2
	193.5	731	--	2.8	29	7.5	593	34.0	14.0	--	--	--
	193.5	728	--	E2.9	--	7.3	568	20.0	13.7	--	--	--
412527096081203	168	719	--	4.0	40	7.4	578	5.0	12.5	--	--	--
	168	737	--	2.8	28	7.7	572	5.0	12.5	--	--	--
	168	716	20	4.2	42	7.5	571	23.0	13.0	240	64.4	19.2
	168	731	--	4.0	40	7.8	579	34.0	13.5	--	--	--
412637095565901	100	727	--	0.1	1	7.0	1,200	10.0	12.5	--	--	--
	100	719	--	0.2	2	7.0	1,200	5.0	12.5	--	--	--
	100	737	--	0.3	3	7.3	1,190	3.0	12.5	--	--	--
	100	716	123	0.2	2	7.0	1,230	23.0	12.5	610	159	52.1
	100	731	--	0.3	3	7.2	1,260	34.0	12.5	--	--	--
	100	731	--	E.2	--	7.1	1,220	18.0	12.4	--	--	--
412637095565902	60	727	--	0.1	1	7.1	1,090	10.0	12.5	530	140	43.4
	60	719	--	0.1	1	7.1	1,080	5.0	12.5	--	--	--
	60	737	--	0.3	3	7.4	1,080	3.0	12.5	--	--	--
	60	716	--	0.3	3	7.1	1,120	23.0	12.5	--	--	--
	60	731	--	0.1	1	7.3	1,100	34.0	12.5	--	--	--
	60	731	--	E.2	--	7.1	1,060	18.0	12.5	--	--	--
412637095565903	25	727	--	1.0	10	6.8	1,000	10.0	13.5	540	135	48.6
	25	719	--	1.0	11	6.8	933	5.0	13.5	--	--	--
	25	737	--	1.2	11	7.2	969	3.0	12.5	--	--	--
	25	716	--	1.0	10	7.0	936	23.0	12.0	--	--	--
	25	731	--	1.1	11	6.8	1,020	24.0	11.5	--	--	--
	25	731	--	E1.0	--	7.0	1,020	18.0	12.7	--	--	--

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
THURSTON COUNTY												
420840096290902	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	0.45	0.35	<0.06
420840096290903	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	0.7	28.7	--	E352	15.7	--	14.2	86.0	--	--	<0.06
	--	--	--	--	--	--	--	--	--	0.37	0.29	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	0.46	0.36	<0.06
WASHINGTON COUNTY												
412527096081201	--	--	--	--	--	--	--	--	--	--	--	0.09
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	0.7	30.9	--	394	1.48	--	22.5	33.3	0.52	0.40	<0.06
	--	--	--	--	--	--	--	--	--	--	--	0.09
	--	--	--	--	--	--	--	--	--	0.58	0.45	<0.06
412527096081202	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	1	41.8	--	307	1.42	--	22.5	23.9	0.62	0.48	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	0.56	0.43	<0.06
412527096081203	--	--	--	--	--	--	--	--	--	--	--	0.07
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	1	36.8	--	289	1.48	--	22.4	30.0	0.50	0.39	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
412637095565901	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	0.8	45.9	--	664	7.77	--	30.8	43.0	1.07	0.83	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	1.64	1.27	<0.06
412637095565902	6.32	0.9	48.1	16	E469	2.86	0.32	32.7	27.3	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	0.08
	--	--	--	--	--	--	--	--	--	1.52	1.18	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	1.52	1.18	<0.06
412637095565903	4.77	0.5	27.9	10	E329	3.21	0.22	21.7	58.2	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	0.14	0.11	<0.06
	--	--	--	--	--	--	--	--	--	--	--	<0.06
	--	--	--	--	--	--	--	--	--	0.24	0.19	<0.06

PAPIO-MISSOURI STUDY
WATER QUALITY FROM WELL NESTS—Continued

MULTIPLE STATION ANALYSES

Station number	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L (00660)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)
THURSTON COUNTY					
420840096290902	--	--	--	--	--
	<0.008	--	<0.02	--	--
420840096290903	--	--	--	--	--
	--	--	--	--	--
	--	--	--	1,010	231
	<0.008	--	E.01	--	--
	--	--	--	--	--
	<0.008	--	<0.02	--	--
WASHINGTON COUNTY					
412527096081201	--	--	--	--	--
	--	--	--	--	--
	--	--	--	--	--
	<0.008	--	E.01	301	236
	--	--	--	--	--
	<0.008	--	<0.02	--	--
412527096081202	--	--	--	--	--
	--	--	--	--	--
	--	--	--	--	--
	<0.008	0.178	0.06	210	200
	--	--	--	--	--
	<0.008	0.163	0.05	--	--
412527096081203	--	--	--	--	--
	--	--	--	--	--
	<0.008	0.199	0.07	18	132
	--	--	--	--	--
412637095565901	--	--	--	--	--
	--	--	--	--	--
	--	--	--	--	--
	<0.008	--	E.01	4,100	323
	--	--	--	--	--
	<0.008	--	<0.18	--	--
412637095565902	--	--	--	7,860	253
	--	--	--	--	--
	--	--	--	--	--
	<0.008	0.132	0.04	--	--
	--	--	--	--	--
	<0.008	0.601	0.20	--	--
412637095565903	--	--	--	1,330	1,860
	--	--	--	--	--
	--	--	--	--	--
	<0.008	--	<0.02	--	--
	--	--	--	--	--
	<0.008	--	E.01	--	--

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

UPPER ELKHORN NATURAL RESOURCES DISTRICT
WATER-QUALITY MONITORING

(Station Name: indicates location by township, range, and section.)

COUNTIES.--Antelope and Holt

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Date	Time	Depth of well, feet below LSD (72008)
ANTELOPE COUNTY						
421547097592601	27N 6W34DD1	42 15 47 N	097 59 26 W	07-02-03	0900	69
421547097592602	27N 6W34DD2	42 15 47 N	097 59 26 W	07-02-03	1000	190
421902097592401	27N 6W14BB1	42 19 02 N	097 59 24 W	07-01-03	1530	135
421902097592402	27N 6W14BB2	42 19 02 N	097 59 24 W	07-01-03	1700	200
421902097592403	27N 6W14BB3	42 19 02 N	097 59 24 W	07-01-03	1600	315
422010097522701	27N 5W 3DD1	42 20 10 N	097 52 27 W	06-30-03	1700	92
422010097522702	27N 5W 3DD2	42 20 10 N	097 52 27 W	06-30-03	1600	170
422010097522703	27N 5W 3DD3	42 20 10 N	097 52 27 W	06-30-03	1500	300
422033098062301	27N 7W 2BC1	42 20 33 N	098 06 23 W	07-01-03	1130	90
422033098062302	27N 7W 2BC2	42 20 33 N	098 06 23 W	07-01-03	1300	180
422033098062303	27N 7W 2BC3	42 20 33 N	098 06 23 W	07-01-03	1230	287
HOLT COUNTY						
422758098263201	29N 10W24CC1	42 27 58 N	098 26 32 W	07-01-03	0800	70
422758098263202	29N 10W24CC2	42 27 58 N	098 26 32 W	07-01-03	1000	120
422758098263203	29N 10W24CC3	42 27 58 N	098 26 32 W	07-01-03	0930	211

MULTIPLE STATION ANALYSES

Station number	Altitude of land surface feet (72000)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)
ANTELOPE COUNTY												
421547097592601	1,854	27	11.4	7.1	543	12.5	240	70.5	15.2	0.4	12.6	191
421547097592602	1,854	30	9.8	7.1	394	13.0	190	59.7	9.35	0.2	7.84	205
421902097592401	1,894	13	6.3	7.3	345	13.5	150	48.7	7.64	0.2	6.59	137
421902097592402	1,894	22	13.8	7.2	361	14.0	170	56.6	7.62	0.2	6.55	189
421902097592403	1,894	32	7.0	7.1	411	14.5	190	60.4	8.28	0.4	11.8	213
422010097522701	1,820	45	5.7	6.8	523	12.5	200	60.7	12.4	0.5	17.7	138
422010097522702	1,820	34	4.8	7.0	367	13.5	170	53.8	7.91	0.4	11.3	193
422010097522703	1,820	48	1.1	7.0	561	14.5	220	69.9	11.2	1	32.7	265
422033098062301	1,847	39	12.1	6.9	565	13.0	240	74.3	13.1	0.3	11.0	152
422033098062302	1,847	49	7.8	7.0	444	14.0	220	69.9	10.1	0.3	9.56	224
422033098062303	1,847	46	6.6	7.0	478	14.5	230	75.3	10.6	0.3	9.92	238
HOLT COUNTY												
422758098263201	1,935	130	6.4	5.7	424	12.5	150	45.5	9.01	0.5	12.8	35
422758098263202	1,935	3.7	5.8	7.7	207	13.0	86	27.5	4.28	0.3	5.36	97
422758098263203	1,935	3.1	5.8	7.7	182	14.0	73	23.1	3.64	0.3	5.88	86

UPPER ELKHORN NATURAL RESOURCES DISTRICT
WATER-QUALITY MONITORING—Continued

MULTIPLE STATION ANALYSES

Station number	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
ANTELOPE COUNTY						
421547097592601	5.03	47.1	16.6	17.2	<8	E.2
421547097592602	1.09	62.0	3.8	0.48	<8	<0.4
421902097592401	2.58	46.2	7.0	8.16	<8	E.2
421902097592402	1.13	56.0	2.1	0.44	<8	E.2
421902097592403	1.09	64.9	6.1	0.55	<8	17.6
422010097522701	6.83	47.2	16.7	26.4	<8	E.3
422010097522702	1.38	56.3	3.0	0.44	<8	E.3
422010097522703	2.02	64.1	35.7	1.55	<8	1.3
422033098062301	8.28	47.7	17.5	27.1	<8	E.4
422033098062302	1.53	60.1	11.2	0.90	<8	E.2
422033098062303	1.54	61.8	16.4	1.09	<8	E.3
HOLT COUNTY						
422758098263201	10.1	28.5	25.1	32.3	<8	1.1
422758098263202	0.61	66.3	6.5	0.40	<8	<0.4
422758098263203	0.60	66.5	4.7	0.31	<8	E.2

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

ASHLAND GROUND-WATER QUALITY STUDY—Continued

CHEMICAL ANALYSES OF GROUND WATER

ASHLAND GROUND-WATER QUALITY STUDY

(Station Name: indicates location by township, range, and section. Geologic unit: 110QRNR, Quaternary system deposits, undifferentiated; 110SDGV, Quaternary sand and gravel deposits, undifferentiated; 112SDGV, Pleistocene sand and gravel deposits.)

COUNTIES.-- Sarpy and Saunders

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Date	Time	Geologic unit
SARPY COUNTY						
410159096181001	12N 10E 4CDAA1	41 01 59 N	096 18 10 W	08-28-03	1030	112SDGV
410233096181801	12N 10E 4BADB1	41 02 33 N	096 18 18 W	08-28-03	0900	--
410312096183901	13N 10E32ADDD1	41 03 12 N	096 18 39 W	08-27-03	1400	110SDGV
410324096191801	13N 10E32BADC1	41 03 24 N	096 19 18 W	08-28-03	1200	112SDGV
SAUNDERS COUNTY						
410303096192901	13N 10E32CABC1	41 03 03 N	096 19 29 W	08-28-03	1330	112SDGV
410427096202501	13N 10E19CDDD1	41 04 27 N	096 20 25 W	08-27-03	1230	110SDGV
410612096220601	13N 9E14AAAA1	41 06 11 N	096 22 06 W	08-27-03	0900	110QRNR
410703096205301	13N 10E 7BBBB1	41 07 03 N	096 20 53 W	08-27-03	1130	110QRNR

MULTIPLE STATION ANALYSES

Station number	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Pump or flow period prior to sampling, minutes (72004)	Barometric pressure, mm Hg (00025)	Carbon dioxide water, unfltrd mg/L (00405)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
SARPY COUNTY												
410159096181001	--	1,052.	45	732	4.4	0.1	0.0	8.0	597	11.0	230	63.3
410233096181801	--	1,052	45	732	3.4	0.1	1	8.1	554	12.0	210	59.5
410312096183901	46.00	1,056.	45	734	2.3	0.1	0.0	8.1	468	10.5	160	39.3
410324096191801	--	1,060.	55	732	4.8	0.1	0.0	7.9	561	11.5	210	61.5
SAUNDERS COUNTY												
410303096192901	86.	1,056.	45	732	2.2	0.1	0.0	8.2	418	17.0	150	39.3
410427096202501	56.	1,065.	40	734	2.8	0.1	0.0	8.0	465	14.0	170	45.0
410612096220601	98.00	1,075.	55	734	--	0.1	1	7.6	700	12.0	--	--
410703096205301	96.00	1,075.	45	734	--	0.1	0.0	7.8	517	20.0	--	--

MULTIPLE STATION ANALYSES

Station number	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)
SARPY COUNTY												
410159096181001	16.8	8.21	0.9	32.3	23	208	15.1	0.4	32.2	79.2	373	0.51
410233096181801	15.0	7.88	0.8	26.9	21	203	13.2	0.4	27.7	62.9	337	0.46
410312096183901	14.0	7.82	0.9	26.7	26	159	14.8	0.3	12.5	50.9	263	0.36
410324096191801	13.7	7.74	0.9	31.5	24	198	13.9	0.4	30.2	68.0	346	0.47
SAUNDERS COUNTY												
410303096192901	11.9	8.54	0.9	24.0	25	161	9.75	0.4	39.2	37.5	268	0.36
410427096202501	13.3	8.48	0.8	23.6	22	155	11.6	0.3	26.7	58.8	281	0.38
410612096220601	--	--	--	--	--	--	--	--	--	--	--	--
410703096205301	--	--	--	--	--	--	--	--	--	--	--	--

ASHLAND GROUND-WATER QUALITY STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)
SARPY COUNTY												
410159096181001	9	145	<0.4	72	<2	<5	<3	<7	10	E.06	19	239
410233096181801	8	185	<0.4	71	<2	<5	<3	E3	128	<0.08	17	925
410312096183901	2	168	<0.4	51	<2	<5	<3	<7	416	<0.08	13	806
410324096191801	5	165	<0.4	62	<2	<5	<3	<7	E4	E.07	16	18.3
SAUNDERS COUNTY												
410303096192901	8	65.9	<0.4	64	<2	<5	<3	<7	34	E.08	19	29.3
410427096202501	4	80.2	<0.4	46	<2	<5	<3	<7	13	0.09	14	85.9
410612096220601	--	--	--	--	--	--	--	--	--	--	--	--
410703096205301	--	--	--	--	--	--	--	--	--	--	--	--

MULTIPLE STATION ANALYSES

Station number	Mercury water, fltrd, ug/L (71890)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)
SARPY COUNTY												
410159096181001	<0.02	<4	<7	E2	<5	424	E5	3	0.05	<0.05	<0.05	<0.05
410233096181801	<0.02	<4	<7	3	<5	379	E5	4	0.10	<0.05	<0.05	<0.05
410312096183901	<0.02	E3	<7	<3	<5	306	<6	4	<0.05	<0.05	<0.05	<0.05
410324096191801	<0.02	<4	<7	E1	<5	385	E4	5	0.07	<0.05	<0.05	<0.05
SAUNDERS COUNTY												
410303096192901	<0.02	<4	<7	<3	<5	334	9	E2	0.16	0.07	<0.05	<0.05
410427096202501	<0.02	E2	<7	<3	<5	377	E5	E2	0.13	<0.05	<0.05	<0.05
410612096220601	--	--	--	--	--	--	--	--	--	--	--	--
410703096205301	--	--	--	--	--	--	--	--	--	--	--	--

MULTIPLE STATION ANALYSES

Station number	Ametryn water, fltrd, ug/L (38401)	Atra-zine, water, fltrd, ug/L (39632)	Broma-cil, water, fltrd, ug/L (04029)	Buta-chlor, water, fltrd, ug/L (04026)	Butyl-ate, water, fltrd, ug/L (04028)	Car-boxin, water, fltrd, ug/L (04027)	Cyana-zine, water, fltrd, ug/L (04041)	Cyclo-ate, water, fltrd, ug/L (04031)	Diphen-amid, water, fltrd, ug/L (04033)	Hexa-zinone, water, fltrd, ug/L (04025)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)
SARPY COUNTY												
410159096181001	<0.05	0.20	<1.00	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
410233096181801	<0.05	0.80	<1.00	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	0.08	<0.05
410312096183901	<0.05	0.20	<1.00	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
410324096191801	<0.05	0.36	E.14	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
SAUNDERS COUNTY												
410303096192901	<0.05	0.77	<1.00	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	0.16	<0.05
410427096202501	<0.05	1.11	<1.00	<0.05	<0.05	<0.05	<0.02	<0.05	<0.05	<0.05	0.36	<0.05
410612096220601	--	--	--	--	--	--	--	--	--	--	--	--
410703096205301	--	--	--	--	--	--	--	--	--	--	--	--

ASHLAND GROUND-WATER QUALITY STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)	Simazine, water, fltrd, ug/L (04035)	Simatryn, water, fltrd, ug/L (04030)	Terbacil, water, fltrd, ug/L (04032)	Trifluralin, water, fltrd, ug/L (04023)	Vernolate, water, fltrd, ug/L (04034)	Xylenes water unfltrd ug/L (81551)	1,1,1,2-Tetrachloroethane, water, unfltrd ug/L (77562)	1,1,1-Trichloroethane, water, unfltrd ug/L (34506)
SARPY COUNTY												
410159096181001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
410233096181801	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
410312096183901	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
410324096191801	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
SAUNDERS COUNTY												
410303096192901	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
410427096202501	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
410612096220601	--	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2
410703096205301	--	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2

MULTIPLE STATION ANALYSES

Station number	1,1,2,2-Tetrachloroethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2-Trichloroethane, water, unfltrd ug/L (34511)	1,1-Dichloroethane, water unfltrd ug/L (34496)	1,1-Dichloroethene, water, unfltrd ug/L (34501)	1,1-Dichloropropene water unfltrd ug/L (77168)	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)
SARPY COUNTY												
410159096181001	--	--	--	--	--	--	--	--	--	--	--	--
410233096181801	--	--	--	--	--	--	--	--	--	--	--	--
410312096183901	--	--	--	--	--	--	--	--	--	--	--	--
410324096191801	--	--	--	--	--	--	--	--	--	--	--	--
SAUNDERS COUNTY												
410303096192901	--	--	--	--	--	--	--	--	--	--	--	--
410427096202501	--	--	--	--	--	--	--	--	--	--	--	--
410612096220601	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2
410703096205301	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2

MULTIPLE STATION ANALYSES

Station number	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	4-Chlorotoluene water unfltrd ug/L (77277)	4-Isopropyltoluene water unfltrd ug/L (77356)	Acrylonitrile water unfltrd ug/L (34215)
SARPY COUNTY												
410159096181001	--	--	--	--	--	--	--	--	--	--	--	--
410233096181801	--	--	--	--	--	--	--	--	--	--	--	--
410312096183901	--	--	--	--	--	--	--	--	--	--	--	--
410324096191801	--	--	--	--	--	--	--	--	--	--	--	--
SAUNDERS COUNTY												
410303096192901	--	--	--	--	--	--	--	--	--	--	--	--
410427096202501	--	--	--	--	--	--	--	--	--	--	--	--
410612096220601	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5
410703096205301	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2.5

ASHLAND GROUND-WATER QUALITY STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Benzene water unfltrd ug/L (34030)	Bromo-benzene water unfltrd ug/L (81555)	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-methane water unfltrd ug/L (34413)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)
SARPY COUNTY												
410159096181001	--	--	--	--	--	--	--	--	--	--	--	--
410233096181801	--	--	--	--	--	--	--	--	--	--	--	--
410312096183901	--	--	--	--	--	--	--	--	--	--	--	--
410324096191801	--	--	--	--	--	--	--	--	--	--	--	--
SAUNDERS COUNTY												
410303096192901	--	--	--	--	--	--	--	--	--	--	--	--
410427096202501	--	--	--	--	--	--	--	--	--	--	--	--
410612096220601	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
410703096205301	<0.2	<0.2	<0.2	<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

MULTIPLE STATION ANALYSES

Station number	Di-chloro-di-fluoro-methane wat unf ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Iso-propyl-benzene water unfltrd ug/L (77223)	Naphth-alene, water, unfltrd ug/L (34696)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)
SARPY COUNTY												
410159096181001	--	--	--	--	--	--	--	--	--	--	--	--
410233096181801	--	--	--	--	--	--	--	--	--	--	--	--
410312096183901	--	--	--	--	--	--	--	--	--	--	--	--
410324096191801	--	--	--	--	--	--	--	--	--	--	--	--
SAUNDERS COUNTY												
410303096192901	--	--	--	--	--	--	--	--	--	--	--	--
410427096202501	--	--	--	--	--	--	--	--	--	--	--	--
410612096220601	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
410703096205301	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

MULTIPLE STATION ANALYSES

Station number	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Vinyl chlor-ide, water, unfltrd ug/L (39175)
SARPY COUNTY										
410159096181001	--	--	--	--	--	--	--	--	--	--
410233096181801	--	--	--	--	--	--	--	--	--	--
410312096183901	--	--	--	--	--	--	--	--	--	--
410324096191801	--	--	--	--	--	--	--	--	--	--
SAUNDERS COUNTY										
410303096192901	--	--	--	--	--	--	--	--	--	--
410427096202501	--	--	--	--	--	--	--	--	--	--
410612096220601	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
410703096205301	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

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

GROUND-WATER PROTECTION AREA

MIDDLE REPUBLICAN NATURAL RESOURCES DISTRICT

(Station Name: indicates location by township, range, and section. Geologic unit: 112SDGV, Pleistocene sand and gravel deposits; 121OGLL, Tertiary Ogallala Formation.)

COUNTIES.--Hitchcock and Red Willow

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Geologic unit	Date	Time
HITCHCOCK COUNTY						
400818101124001	2N 35W13AAAD1	40 08 18 N	101 12 40 W	112SDGV	09-10-03	1430
400818101124002	2N 35W13AAAD2	40 08 18 N	101 12 40 W	112SDGV	09-10-03	1500
401655100583201	4N 32W30DCBB1	40 16 55 N	100 58 32 W	112SDGV	09-10-03	1600
401655100583202	4N 32W30DCBB2	40 16 55 N	100 58 32 W	112SDGV	09-10-03	1630
RED WILLOW COUNTY						
400357100135201	1N 26W11CBBB1	40 03 57 N	100 13 52 W	112SDGV	09-11-03	1030
401016100391801	2N 30W 1ACDD1	40 10 16 N	100 39 18 W	112SDGV	09-10-03	1800
401016100391802	2N 30W 1ACDD2	40 10 16 N	100 39 18 W	112SDGV	09-10-03	1830
401016100391803	2N 30W 1ACDD3	40 10 16 N	100 39 18 W	112SDGV	09-10-03	1900
401412100364201	3N 29W 8DDBA1	40 14 12 N	100 36 42 W	121OGLL	09-10-03	1130
401412100364202	3N 29W 8DDBA2	40 14 12 N	100 36 42 W	121OGLL	09-10-03	1200
401412100364203	3N 29W 8DDBA3	40 14 12 N	100 36 42 W	112SDGV	09-10-03	1230
401454100215401	3N 27W 9AAAA1	40 14 54 N	100 21 54 W	112SDGV	09-11-03	0900

MULTIPLE STATION ANALYSES

Station number	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Nitrite + nitrate water fltrd, mg/L as N (00631)
HITCHCOCK COUNTY										
400818101124001	46.00	2,788	695	0.8	8	7.3	1,400	26.0	14.5	16.7
400818101124002	30.00	2,788	695	0.9	10	7.2	1,580	25.0	14.0	13.2
401655100583201	61.00	2,867	695	2.6	28	7.2	1,220	26.5	14.5	14.7
401655100583202	45.00	2,867	695	2.6	29	7.2	1,300	26.5	15.0	15.7
RED WILLOW COUNTY										
400357100135201	64.00	2,366	689	0.1	1	7.2	706	20.0	13.5	<0.06
401016100391801	72.00	2,493	695	0.3	3	7.2	1,320	25.0	15.0	26.0
401016100391802	55.00	2,493	695	0.2	2	7.1	1,200	26.0	15.0	17.5
401016100391803	36.00	2,493	695	3.0	33	7.1	1,180	26.0	16.0	11.4
401412100364201	174.00	2,605	695	7.3	83	7.4	522	21.0	16.5	4.77
401412100364202	159.00	2,605	695	8.2	92	7.4	763	21.0	16.5	17.4
401412100364203	135.00	2,605	695	8.2	92	7.4	1,030	23.0	16.5	27.3
401454100215401	40.00	2,368	689	6.3	67	7.3	563	18.0	13.5	0.76

Remark codes used in this table:
< -- Less than

CENTRAL NEBRASKA BASINS STUDY UNIT

ECOLOGICAL TRENDS SAMPLING

COUNTIES.--Douglas, Sarpy, and Thomas

MISCELLANEOUS STATION ANALYSES

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sample location, distanc upstream, feet (72105)	Biomass periphyton, ashfree drymass g/m2 (49954)	Periphyton biomass ash weight, g/m2 (00572)	Periphyton biomass dry weight, g/m2 (00573)	Biomass chlorophyll ratio, periphyton, number (70950)	Pheophytin a, periphyton, mg/m2 (62359)	Pheophytin a, phytoplankton, ug/L (62360)	Chlorophyll a periphyton, chromofluoro, mg/m2 (70957)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Suspended sediment load, tons/d (80155)
06800500 ELKHORN RIVER AT WATERLOO, NE (LAT 41 17 37N LONG 096 17 00W)													
NOV 2002													
13...	0900	3.02	655	23,820	--	--	--	--	--	--	--	--	--
13...	1000	3.02	655	24,800	--	--	--	--	--	--	--	--	--
13...	1100	3.02	655	38,970	--	--	--	--	--	--	--	--	--
13...	1200	3.02	655	39,620	--	--	--	--	--	--	--	--	--
13...	1300	3.02	655	32,610	--	--	--	--	--	--	--	--	--
13...	1400	3.02	655	33,590	--	--	--	--	--	--	--	--	--
MAY 2003													
29...	1301	4.00	1,490	--	--	--	--	--	--	--	--	--	805
29...	1302	4.00	1,490	--	--	--	--	--	--	--	--	--	856
29...	1303	4.00	1,490	--	--	--	--	--	--	--	--	--	1,210
29...	1304	4.00	1,490	--	--	--	--	--	--	--	--	--	1,130
29...	1305	4.00	1,490	--	--	--	--	--	--	--	--	--	1,300
29...	1306	4.00	1,490	--	--	--	--	--	--	--	--	--	1,740
29...	1307	4.00	1,490	--	--	--	--	--	--	--	--	--	2,810
29...	1308	4.00	1,490	--	--	--	--	--	--	--	--	--	1,730
29...	1309	4.00	1,490	--	--	--	--	--	--	--	--	--	1,290
29...	1310	4.00	1,490	--	--	--	--	--	--	--	--	--	1,110
29...	1330	4.00	1,490	--	--	--	--	--	--	40.1	--	162	--
29...	1331	4.00	1,490	--	--	--	--	--	--	43.1	--	143	--
29...	1332	4.00	1,490	--	--	--	--	--	--	42.8	--	153	--
29...	1401	4.00	1,490	--	--	--	--	--	--	--	--	--	1,460
29...	1402	4.00	1,490	--	--	--	--	--	--	--	--	--	1,240
29...	1403	4.00	1,490	--	--	--	--	--	--	--	--	--	1,010
29...	1404	4.00	1,490	--	--	--	--	--	--	--	--	--	819
29...	1405	4.00	1,490	--	--	--	--	--	--	--	--	--	1,560
29...	1406	4.00	1,490	--	--	--	--	--	--	--	--	--	1,710
29...	1407	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1408	4.00	1,490	--	--	--	--	--	--	--	--	--	1,290
29...	1409	4.00	1,490	--	--	--	--	--	--	--	--	--	1,100
29...	1410	4.00	1,490	--	--	--	--	--	--	--	--	--	916
AUG													
18...	1000	--	--	--	22.4	420	447.4	594	19	--	37.7	--	--
06805500 PLATTE R AT LOUISVILLE NE (LAT 41 00 55N LONG 096 09 28W)													
NOV 2002													
12...	1000	3.35	3,300	20,390	--	--	--	--	--	--	--	--	--
12...	1100	3.35	3,300	20,720	--	--	--	--	--	--	--	--	--
AUG 2003													
19...	1100	--	--	--	35.6	450	483.1	1,320	14	--	27.1	--	--
06775900 DISMAL RIVER NEAR THEDFORD, NE (LAT 41 46 45N LONG 100 31 30W)													
NOV 2002													
14...	0900	0.49	213	961.0	--	--	--	--	--	--	--	--	--

CENTRAL NEBRASKA BASINS STUDY UNIT
ECOLOGICAL TRENDS SAMPLING—Continued

MISCELLANEOUS STATION ANALYSES

Date	Bed sediment, dry svd sve dia percent <.063mm (80164)	Bed sediment, dry svd sve dia percent <.125mm (80165)	Bed sediment, dry svd sve dia percent <.25mm (80166)	Bed sediment, dry svd sve dia percent <.5 mm (80167)	Bed sediment, dry svd sve dia percent <1 mm (80168)	Bed sediment, dry svd sve dia percent <2 mm (80169)	Bed sediment, dry svd sve dia percent <4 mm (80170)	Bed sediment, dry svd sve dia percent <8 mm (80171)	Bed sediment, dry svd sve dia percent <16 mm (80172)	Bed sediment, dry svd sve dia percent <32 mm (80173)	Number of sampling points, count (00063)
06800500 ELKHORN RIVER AT WATERLOO, NE (LAT 41 17 37N LONG 096 17 00W)											
NOV 2002											
13...	2	7	50	87	96	99	100	100	100	100	3
13...	0.1	0.4	13	69	92	98	100	100	100	100	3
13...	0.1	0.8	30	79	91	95	98	99	100	100	3
13...	0.0	1	37	75	90	96	99	100	100	100	3
13...	0.1	3	28	60	77	87	94	99	100	100	3
13...	0.2	4	76	95	98	99	100	100	100	100	3
MAY 2003											
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
06805500 PLATTE R AT LOUISVILLE NE (LAT 41 00 55N LONG 096 09 28W)											
NOV 2002											
12...	0.0	0.8	12	51	77	91	97	100	100	100	5
12...	0.2	2	20	65	85	94	98	100	100	100	5
AUG 2003											
19...	--	--	--	--	--	--	--	--	--	--	--
06775900 DISMAL RIVER NEAR THEDFORD, NE (LAT 41 46 45N LONG 100 31 30W)											
NOV 2002											
14...	0.2	3	34	88	100	100	100	100	100	100	3

CENTRAL NEBRASKA BASINS STUDY UNIT
ECOLOGICAL TRENDS SAMPLING—Continued

MISCELLANEOUS STATION ANALYSES

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sample location, distanc down stream, feet (72104)	Sample location, distanc upstream, feet (72105)	Dissolved oxygen, percent of saturation (00301)	Biomass periphyton, ashfree drymass g/m2 (49954)	Periphyton biomass ash weight, g/m2 (00572)	Periphyton biomass dry weight, g/m2 (00573)	Biomass chlorophyll ratio, periphyton, number (70950)	Pheophytin a, periphyton, mg/m2 (62359)	Chlorophyll a periphyton, chromofluoro, mg/m2 (70957)	Bed sediment, dry svd sve dia percent <.063mm (80164)
06775900 DISMAL RIVER NEAR THEDFORD, NE (LAT 41 46 45N LONG 100 31 30W)													
NOV 2002													
14...	1000	0.49	213	--	676.0	--	--	--	--	--	--	--	2
14...	1100	0.49	213	853.0	--	--	--	--	--	--	--	--	0.0
14...	1200	0.49	213	626.0	--	--	--	--	--	--	--	--	5
14...	1300	0.49	213	2,891	--	--	--	--	--	--	--	--	0.1
14...	1400	0.49	213	2,694	--	--	--	--	--	--	--	--	0.1
AUG 2003													
14...	1430	--	--	--	--	--	58.0	970	1,032	370	67	157	--
06800000 MAPLE CREEK NEAR NICKERSON, NE (LAT 41 33 39N LONG 096 32 27W)													
NOV 2002													
12...	1400	4.18	19	--	5,072	--	--	--	--	--	--	--	0.5
12...	1500	4.18	19	--	5,368	--	--	--	--	--	--	--	0.6
15...	1200	4.18	19	--	3,110	--	--	--	--	--	--	--	0.2
15...	1300	4.18	19	--	3,396	--	--	--	--	--	--	--	0.1
15...	1400	4.18	19	--	843.0	--	--	--	--	--	--	--	0.2
15...	1500	4.18	19	--	1,139	--	--	--	--	--	--	--	0.3
JUL 2003													
31...	1310	--	--	--	--	113	2.8	49	51.60	671	2.2	4.2	--

MISCELLANEOUS STATION ANALYSES

Date	Bed sediment, dry svd sve dia percent <.125mm (80165)	Bed sediment, dry svd sve dia percent <.25mm (80166)	Bed sediment, dry svd sve dia percent <.5 mm (80167)	Bed sediment, dry svd sve dia percent <1 mm (80168)	Bed sediment, dry svd sve dia percent <2 mm (80169)	Bed sediment, dry svd sve dia percent <4 mm (80170)	Bed sediment, dry svd sve dia percent <8 mm (80171)	Bed sediment, dry svd sve dia percent <16 mm (80172)	Bed sediment, dry svd sve dia percent <32 mm (80173)	Number of sampling points, count (00063)
06775900 DISMAL RIVER NEAR THEDFORD, NE (LAT 41 46 45N LONG 100 31 30W)										
NOV 2002										
14...	3	24	81	99	100	100	100	100	100	3
14...	0.6	19	85	99	100	100	100	100	100	3
14...	12	36	85	97	99	100	100	100	100	3
14...	2	34	90	100	100	100	100	100	100	3
14...	3	38	82	99	100	100	100	100	100	3
AUG 2003										
14...	--	--	--	--	--	--	--	--	--	--
06800000 MAPLE CREEK NEAR NICKERSON, NE (LAT 41 33 39N LONG 096 32 27W)										
NOV 2002										
12...	1	14	63	86	95	99	100	100	100	3
12...	1	9	30	46	61	81	91	100	100	3
15...	0.4	14	61	78	88	94	96	100	100	3
15...	0.4	18	59	76	85	94	98	100	100	3
15...	0.9	21	59	73	81	86	90	92	100	3
15...	0.9	25	65	78	86	94	98	100	100	3
JUL 2003										
31...	--	--	--	--	--	--	--	--	--	--

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY

(Station Name: indicates location by township, range, and section. Geologic unit: 111ALVM, Holocene Alluvium; 112PLSC, Pleistocene Series, undifferentiated; 112LOSS, Pleistocene Loess; 112SDGV, Pleistocene sand and gravel deposits; 112TILL, Pleistocene Till.)

COUNTIES.--Burt, Cedar, Colfax, Cuming, Dixon, Dodge, Douglas, Knox, Pierce, Stanton, and Wayne

MULTIPLE STATION ANALYSES

Station number	Station name	Geologic unit	Date	Time	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Sampling depth, feet (00003)
		BURT COUNTY					
414931096321101	21N 8E 4BBDD1	112LOSS	06-05-03	0900	25	1,395	12.0
415220096214801	22N 9E24BBAB1	112LOSS	04-28-03	1530	17	1,328	13.0
		CEDAR COUNTY					
422802097031601	29N 3E23CCCC1	111ALVM	05-19-03	1530	20	1,465	12.0
422947097142701	29N 2E18BAAA1	112PLSC	05-20-03	0930	23.5	1,620	12.0
		COLFAX COUNTY					
414343096595801	20N 4E 5CCDC1	111ALVM	06-04-03	0900	25	1,450	23.0
		CUMING COUNTY					
415558096434501	23N 6E28DDAD1	112LOSS	04-29-03	1130	45	1,391	45.0
415918096350501	23N 7E 2CDDD1	112TILL	04-30-03	1130	32	1,350	30.0
420024096485901	24N 5E35CDAA1	111ALVM	05-28-03	1600	22	1,380	20.0
420248096300901	24N 7E18DDDD1	112TILL	05-29-03	0830	30	1,405	29.0
		DIXON COUNTY					
422011096595401	27N 4E 7AAAA1	112SDGV	05-05-03	1630	65	1,500	59.0
		DODGE COUNTY					
413340096402701	18N 7E 6BCCC1	111ALVM	05-15-03	1500	24.5	1,290	23.0
413853096483801	19N 5E 2ADDC1	112LOSS	06-04-03	1230	32	1,450	31.0
414141096371701	20N 7E21AACD1	112LOSS	06-04-03	1700	57	1,395	56.0
414401096531301	20N 5E 6DADA1	112LOSS	06-02-03	1400	29.5	1,450	23.0
		DOUGLAS COUNTY					
411733096185501	15N 10E 5DDCB1	111ALVM	06-09-03	1200	15	1,126	10.0
		KNOX COUNTY					
422756097334901	29N 2W28BBCB1	112PLSC	05-20-03	1400	45	1,735	35.0
		PIERCE COUNTY					
421357097243201	26N 1W15AADC1	112TILL	05-27-03	1600	25	1,725	23.0
422156097314301	28N 2W34ABAA1	112TILL	05-21-03	1000	39	1,760	37.0
422441097404601	28N 3W 8DDAD1	112TILL	05-20-03	1700	60	1,715	55.0
		STANTON COUNTY					
414527097094101	21N 2E35ABAA1	112TILL	06-03-03	1630	65	1,580	52.0
414948097212601	22N 1E31DCC 1	112SDGV	05-13-03	1530	35	1,670	34.0
415458097142201	22N 2E 6ABAA1	111ALVM	06-03-03	0900	29	1,470	22.0
420425097101301	24N 2E11BBDA1	112LOSS	05-07-03	1700	30	1,600	27.0

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
BURT COUNTY												
414931096321101	0.2	725	5.3	52	7.2	695	14.0	11.5	330	78	83.4	30.4
415220096214801	14	762	8.2	75	7.3	711	18.0	11.6	360	60	104	24.7
CEDAR COUNTY												
422802097031601	0.3	725	0.8	7	6.9	1,040	20.0	10.5	510	80	154	31.3
422947097142701	0.7	730	0.6	6	7.0	814	12.0	9.5	410	26	108	34.7
COLFAX COUNTY												
414343096595801	4.6	720	0.5	5	6.5	1,610	15.0	12.0	940	--	261	68.6
CUMING COUNTY												
415558096434501	67	762	5.4	51	6.5	552	10.0	12.5	230	74	63.5	17.6
415918096350501	8.8	717	5.7	57	7.3	577	12.0	12.4	290	--	73.7	24.4
420024096485901	1.6	725	0.3	3	6.9	1,130	20.0	12.6	500	150	135	39.4
420248096300901	--	723	--	--	7.3	1,040	20.0	--	300	--	90.0	18.2
DIXON COUNTY												
422011096595401	0.1	709	9.0	93	7.2	702	15.0	13.5	360	--	104	23.1
DODGE COUNTY												
413340096402701	0.1	723	3.5	34	7.0	1,220	18.0	12.5	570	100	161	40.5
413853096483801	140	720	0.4	4	6.7	1,890	--	13.5	920	300	274	57.3
414141096371701	85	720	7.0	72	7.0	985	--	13.7	270	--	82.2	14.8
414401096531301	0.3	717	2.6	26	6.9	1,130	15.0	12.0	450	57	135	26.3
DOUGLAS COUNTY												
411733096185501	230	725	0.8	8	7.0	773	26.0	13.5	360	67	98.2	26.6
KNOX COUNTY												
422756097334901	0.1	725	9.6	94	7.1	1,540	11.0	12.0	760	460	223	50.1
PIERCE COUNTY												
421357097243201	59	717	2.9	28	6.9	1,140	19.0	11.5	550	210	158	36.4
422156097314301	1.2	720	7.1	72	7.2	997	11.0	13.0	350	--	101	24.0
422441097404601	1.2	725	14.2	140	7.3	858	11.0	12.5	290	--	89.3	16.0
STANTON COUNTY												
414527097094101	5.4	716	6.4	66	7.1	687	13.5	13.5	310	--	97.2	17.1
414948097212601	6.4	714	8.2	--	7.2	1,100	22.0	--	330	--	96.5	20.9
415458097142201	1.8	720	7.9	79	6.5	100	13.0	12.5	38	6	11.2	2.49
420425097101301	3.5	713	5.1	51	7.1	704	20.0	12.5	340	--	90.9	27.5

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
BURT COUNTY												
414931096321101	7.46	0.3	11.6	7	256	311	0.0	0.05	3.56	0.6	33.6	19.6
415220096214801	1.41	0.2	8.96	5	304	370	0.0	0.05	4.00	0.36	21.6	19.8
CEDAR COUNTY												
422802097031601	9.05	0.5	26.2	10	435	530	0.0	0.07	33.6	0.4	20.7	95.2
422947097142701	1.64	0.5	23.3	11	386	471	0.0	0.05	3.48	0.5	19.4	42.9
COLFAX COUNTY												
414343096595801	9.12	0.1	10.2	2	1,020	1,240	0.0	0.50	7.08	0.2	42.1	7.5
CUMING COUNTY												
415558096434501	7.07	0.5	18.1	14	158	192	0.0	0.06	3.50	<0.17	24.9	53.6
415918096350501	4.05	0.7	26.7	17	305	371	0.0	0.02	1.73	0.63	31.1	19.2
420024096485901	3.62	0.7	35.4	13	352	428	0.0	0.09	4.01	0.3	33.8	154
420248096300901	4.03	2	87.4	38	451	549	0.0	0.04	5.48	0.4	20.7	63.2
DIXON COUNTY												
422011096595401	3.77	0.5	22.7	12	366	445	0.0	0.05	2.98	0.26	32.2	<0.2
DODGE COUNTY												
413340096402701	5.79	0.8	41.2	13	467	569	0.0	0.37	42.9	0.34	29.2	114
413853096483801	29.0	0.6	41.7	9	628	764	0.0	0.88	72.7	0.4	36.5	80.5
414141096371701	4.37	3	126	50	438	534	0.0	0.22	6.88	0.4	22.7	56.2
414401096531301	15.8	0.9	43.6	17	389	474	0.0	0.19	22.9	0.6	31.4	79.7
DOUGLAS COUNTY												
411733096185501	19.0	0.4	18.4	10	288	351	0.0	0.10	19.6	0.6	26.1	93.9
KNOX COUNTY												
422756097334901	6.63	1	71.8	17	303	369	0.0	0.13	18.3	0.3	36.3	524
PIERCE COUNTY												
421357097243201	11.2	0.4	23.4	8	340	414	0.0	0.19	26.9	0.3	36.4	120
422156097314301	16.4	2	83.7	33	356	433	0.0	0.06	22.8	0.6	40.1	94.2
422441097404601	22.2	2	80.8	36	394	479	0.0	0.08	11.0	0.7	33.1	75.2
STANTON COUNTY												
414527097094101	6.73	0.6	25.9	15	346	421	0.0	0.04	2.92	0.4	32.2	19.2
414948097212601	19.0	3	109	40	488	592	1.0	0.04	58.0	0.84	41.1	32.3
415458097142201	2.12	0.3	4.50	19	33	40	0.0	0.02	1.04	<0.2	32.5	6.9
420425097101301	13.8	0.4	17.6	10	368	448	0.0	0.03	3.40	1.15	35.5	25.2

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitro-gen, water, fltrd, mg/L (00607)
BURT COUNTY												
414931096321101	445	0.45	331	0.11	--	<0.04	--	--	22.8	--	<0.008	--
415220096214801	443	0.58	426	E.06	--	<0.04	--	--	16.9	--	<0.008	--
CEDAR COUNTY												
422802097031601	636	0.89	657	E.07	--	E.02	--	--	0.88	--	<0.008	--
422947097142701	508	0.70	513	0.13	--	<0.04	--	--	9.60	--	<0.008	--
COLFAX COUNTY												
414343096595801	1,040	1.41	1,040	1.3	1.16	0.90	--	--	<0.06	--	<0.008	0.36
CUMING COUNTY												
415558096434501	360	0.48	354	0.28	--	<0.04	--	--	17.2	--	<0.008	--
415918096350501	369	0.51	374	<0.10	--	<0.04	--	--	0.91	--	<0.008	--
420024096485901	748	1.09	802	0.51	--	<0.04	--	--	29.5	--	E.005	--
420248096300901	571	0.81	592	E.09	--	<0.04	--	--	2.27	--	<0.008	--
DIXON COUNTY												
422011096595401	--	--	446	E.08	--	<0.04	--	--	6.35	--	<0.008	--
DODGE COUNTY												
413340096402701	768	1.09	799	0.30	--	<0.04	--	--	11.4	--	<0.008	--
413853096483801	1,280	1.78	1,310	0.36	--	E.03	308	69.5	69.5	0.056	0.017	--
414141096371701	627	0.84	620	0.12	--	<0.04	--	--	11.3	--	<0.008	--
414401096531301	710	1.01	740	0.18	--	<0.04	--	--	27.0	--	<0.008	--
DOUGLAS COUNTY												
411733096185501	479	0.65	479	0.24	0.10	0.08	--	--	0.28	--	E.004	0.16
KNOX COUNTY												
422756097334901	1,150	1.72	1,270	0.31	--	<0.04	--	--	8.90	--	<0.008	--
PIERCE COUNTY												
421357097243201	746	0.99	727	0.17	--	<0.04	--	--	28.9	--	<0.008	--
422156097314301	669	0.90	663	0.15	--	<0.04	--	--	16.2	--	<0.008	--
422441097404601	575	0.78	576	E.07	--	<0.04	--	--	1.96	--	<0.008	--
STANTON COUNTY												
414527097094101	422	0.57	423	E.06	--	<0.04	--	--	2.75	--	<0.008	--
414948097212601	677	0.94	689	0.14	--	<0.04	--	--	1.07	--	<0.008	--
415458097142201	89	0.13	95	E.06	--	<0.04	--	--	1.71	--	<0.008	--
420425097101301	442	0.59	434	E.07	--	<0.04	--	--	1.14	--	<0.008	--

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Ortho-phos-phate, water, fltrd, mg/L (00660)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Total nitro-gen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)
BURT COUNTY												
414931096321101	--	--	23	0.8	E2	E.19	0.5	270	<0.06	39	E.03	5.1
415220096214801	--	E.01	--	0.7	M	<0.30	0.5	514	<0.06	39	<0.04	3.5
CEDAR COUNTY												
422802097031601	0.340	0.11	--	1.0	<2	<0.30	1.6	103	<0.06	97	0.05	<0.8
422947097142701	--	E.01	9.7	1.0	<2	E.24	0.8	185	<0.06	56	E.02	<0.8
COLFAX COUNTY												
414343096595801	--	--	--	4.8	E1	<0.30	45.8	664	<0.06	71	0.08	<0.8
CUMING COUNTY												
415558096434501	0.389	0.13	17	2.0	<2	<0.30	1.1	206	<0.06	41	0.10	1.4
415918096350501	0.110	0.04	--	0.4	M	<0.30	0.8	26	<0.06	108	<0.04	2.3
420024096485901	0.362	0.12	30	3.6	<2	E.23	5.3	92	<0.06	79	0.16	<0.8
420248096300901	0.089	0.03	--	3.0	M	E.20	1.3	108	<0.06	243	E.02	1.4
DIXON COUNTY												
422011096595401	0.178	0.06	--	0.6	E1	<0.30	2.2	89	<0.06	99	<0.04	2.0
DODGE COUNTY												
413340096402701	0.736	0.24	12	2.3	<2	E.28	3.6	137	<0.06	62	0.04	E.7
413853096483801	0.717	0.23	70	2.6	E1	0.30	8.3	519	<0.06	138	0.27	0.8
414141096371701	--	--	11	1.0	28	<0.30	1.7	91	<0.06	60	<0.04	2.5
414401096531301	0.626	0.20	27	3.0	<2	E.22	3.3	272	<0.06	122	0.07	3.3
DOUGLAS COUNTY												
411733096185501	0.141	0.05	0.52	2.1	E1	0.30	10.1	120	<0.06	73	0.04	<0.8
KNOX COUNTY												
422756097334901	0.184	0.06	9.2	2.9	<2	<0.30	5.1	32	<0.06	75	<0.04	2.9
PIERCE COUNTY												
421357097243201	0.123	0.04	29	1.2	<2	E.17	2.7	52	<0.06	63	E.02	1.7
422156097314301	0.135	0.04	16	1.0	<2	<0.30	3.3	90	<0.06	237	<0.04	5.3
422441097404601	0.307	0.10	--	1.3	<2	<0.30	7.6	211	<0.06	302	<0.04	4.5
STANTON COUNTY												
414527097094101	0.132	0.04	--	0.6	2	<0.30	1.3	74	<0.06	99	<0.04	4.2
414948097212601	0.233	0.08	1.2	2.1	<2	E.29	1.6	311	<0.06	273	E.03	1.5
415458097142201	1.11	0.36	--	0.6	<2	E.24	2.4	30	<0.06	17	E.04	E.7
420425097101301	--	E.01	--	0.8	E1	E.18	0.7	159	<0.06	124	E.02	9.1

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Thall-ium, water, fltrd, ug/L (01057)
BURT COUNTY												
414931096321101	0.241	0.7	<8	<0.08	26.7	E.1	4.0	1.12	4.0	<0.2	395	<0.04
415220096214801	0.231	1.0	<10	0.09	15.8	0.4	1.4	4.09	5.2	<0.2	404	E.02
CEDAR COUNTY												
422802097031601	0.366	1.7	<10	E.05	28.9	32.0	0.6	4.01	6.6	<0.2	430	<0.04
422947097142701	0.221	0.9	<10	<0.08	19.0	3.9	0.9	4.19	11.2	<0.2	566	<0.04
COLFAX COUNTY												
414343096595801	9.11	1.1	5,810	<0.08	15.4	18,300	15.3	16.2	0.7	<0.2	949	E.02
CUMING COUNTY												
415558096434501	0.234	3.2	<10	<0.08	27.7	2.1	2.5	6.26	4.5	<0.2	187	<0.04
415918096350501	0.174	0.5	<10	0.10	37.9	3.9	3.5	3.70	2.0	<0.2	469	<0.04
420024096485901	0.455	2.2	<8	<0.08	33.9	122	3.3	8.65	84.2	<0.2	605	<0.04
420248096300901	0.238	2.4	<8	<0.08	16.3	2.8	4.5	4.45	6.9	<0.2	496	<0.04
DIXON COUNTY												
422011096595401	0.291	0.7	<10	<0.08	22.9	1.0	2.2	2.09	13.8	<0.2	470	<0.04
DODGE COUNTY												
413340096402701	0.552	2.2	<10	E.05	34.0	0.3	2.5	4.79	8.1	<0.2	762	<0.04
413853096483801	0.975	2.5	9	<0.08	118	9.3	3.5	10.8	1.1	<0.2	1,480	<0.04
414141096371701	0.249	1.2	17	<0.08	12.6	1.5	1.1	2.01	44.5	<0.2	412	<0.04
414401096531301	0.388	1.6	<8	<0.08	71.2	0.4	6.0	3.03	30.7	<0.2	801	<0.04
DOUGLAS COUNTY												
411733096185501	0.525	1.4	45	E.06	34.1	1,150	8.9	2.90	<0.5	<0.2	555	<0.04
KNOX COUNTY												
422756097334901	0.446	2.2	<10	<0.08	37.7	0.6	1.8	7.12	63.6	<0.2	594	<0.04
PIERCE COUNTY												
421357097243201	0.343	1.5	<8	E.05	43.2	1.6	1.3	6.73	30.2	<0.2	746	<0.04
422156097314301	0.192	0.9	<10	E.06	83.0	0.4	5.3	3.33	55.9	<0.2	381	<0.04
422441097404601	0.177	0.9	<10	<0.08	105	0.9	4.3	2.92	129	<0.2	532	<0.04
STANTON COUNTY												
414527097094101	0.304	11.5	E6	<0.08	29.3	2.4	0.9	3.21	22.5	<0.2	605	<0.04
414948097212601	0.261	1.7	<10	0.18	89.1	0.8	4.6	4.14	8.6	<0.2	707	E.03
415458097142201	0.045	0.5	<8	<0.08	3.9	E.1	E.3	0.76	1.0	<0.2	50.0	<0.04
420425097101301	0.296	2.1	<10	E.05	66.7	E.1	2.6	2.46	10.9	<0.2	582	<0.04

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	Acetochlor, water, fltrd, ug/L (49260)
BURT COUNTY												
414931096321101	1.2	M	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
415220096214801	4.8	1	<0.009	<0.02	<0.02	<0.006	E.020	<0.04	<0.008	<0.006	<2	<0.006
CEDAR COUNTY												
422802097031601	1.0	1	<0.009	<0.02	<0.02	<0.006	<0.006	M	<0.008	<0.006	<2	<0.006
422947097142701	0.8	M	<0.009	<0.02	<0.02	<0.006	<0.006	E.02	<0.008	<0.006	<2	<0.006
COLFAX COUNTY												
414343096595801	5.6	3	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
CUMING COUNTY												
415558096434501	3.7	2	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
415918096350501	3.7	14	<0.009	<0.02	<0.02	<0.006	E.003	<0.04	<0.008	<0.006	<2	<0.006
420024096485901	6.7	1	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
420248096300901	5.2	5	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
DIXON COUNTY												
422011096595401	4.4	M	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
DODGE COUNTY												
413340096402701	3.3	1	<0.009	<0.02	<0.02	<0.006	E.004	<0.04	<0.008	<0.006	<2	<0.006
413853096483801	9.2	2	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
414141096371701	3.4	2	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
414401096531301	3.9	2	<0.009	<0.02	<0.02	<0.006	E.004	<0.04	<0.008	<0.006	<2	<0.006
DOUGLAS COUNTY												
411733096185501	3.9	1	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
KNOX COUNTY												
422756097334901	5.4	2	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
PIERCE COUNTY												
421357097243201	6.3	2	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
422156097314301	3.9	M	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
422441097404601	0.9	M	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
STANTON COUNTY												
414527097094101	2.1	4	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
414948097212601	3.5	2	<0.009	<0.02	<0.02	<0.006	E.008	M	<0.008	<0.006	<2	<0.006
415458097142201	2.7	M	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006
420425097101301	0.5	1	<0.009	<0.02	<0.02	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)
BURT COUNTY												
414931096321101	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
415220096214801	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	0.018	<0.050	<0.03	<0.010	<0.004	<0.02
CEDAR COUNTY												
422802097031601	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
422947097142701	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
COLFAX COUNTY												
414343096595801	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
CUMING COUNTY												
415558096434501	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
415918096350501	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	E.004	<0.050	<0.03	<0.010	<0.004	<0.02
420024096485901	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
420248096300901	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
DIXON COUNTY												
422011096595401	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
DODGE COUNTY												
413340096402701	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
413853096483801	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
414141096371701	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
414401096531301	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	0.009	<0.050	<0.03	<0.010	<0.004	<0.02
DOUGLAS COUNTY												
411733096185501	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
KNOX COUNTY												
422756097334901	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
PIERCE COUNTY												
421357097243201	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
422156097314301	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
422441097404601	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
STANTON COUNTY												
414527097094101	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
414948097212601	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	E.003	<0.050	<0.03	<0.010	<0.004	<0.02
415458097142201	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02
420425097101301	<0.007	<0.004	<0.02	<0.008	<0.04	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Butylate, water, fltrd, ug/L (04028)	Caffeine, water, fltrd, ug/L (50305)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chloro-di-amino-s-triazine, wat flt ug/L (04039)
BURT COUNTY												
414931096321101	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
415220096214801	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.01
CEDAR COUNTY												
422802097031601	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.05
422947097142701	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.76
COLFAX COUNTY												
414343096595801	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
CUMING COUNTY												
415558096434501	<0.01	<0.03	<0.02	<0.002	0.014	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
415918096350501	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
420024096485901	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
420248096300901	<0.01	<0.03	<0.02	<0.002	E.007	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
DIXON COUNTY												
422011096595401	<0.01	<0.03	<0.02	<0.002	E.004	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
DODGE COUNTY												
413340096402701	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.01
413853096483801	E.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.01
414141096371701	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
414401096531301	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.02
DOUGLAS COUNTY												
411733096185501	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
KNOX COUNTY												
422756097334901	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
PIERCE COUNTY												
421357097243201	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
422156097314301	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
422441097404601	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
STANTON COUNTY												
414527097094101	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.03
414948097212601	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.14
415458097142201	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01
420425097101301	<0.01	<0.03	<0.02	<0.002	<0.010	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.01

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Dacthal monoacid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dichlorprop, water, fltrd 0.7u GF ug/L (49302)
BURT COUNTY												
414931096321101	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
415220096214801	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
CEDAR COUNTY												
422802097031601	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
422947097142701	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
COLFAX COUNTY												
414343096595801	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
CUMING COUNTY												
415558096434501	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
415918096350501	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
420024096485901	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
420248096300901	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
DIXON COUNTY												
422011096595401	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
DODGE COUNTY												
413340096402701	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
413853096483801	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
414141096371701	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
414401096531301	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
DOUGLAS COUNTY												
411733096185501	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
KNOX COUNTY												
422756097334901	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
PIERCE COUNTY												
421357097243201	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
422156097314301	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
422441097404601	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
STANTON COUNTY												
414527097094101	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
414948097212601	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
415458097142201	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01
420425097101301	<0.04	<0.005	<0.006	<0.01	<0.018	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Dieldrin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphenamid, water, fltrd, ug/L (04033)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethalfluralin, water, fltrd 0.7u GF ug/L (82663)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)
BURT COUNTY												
414931096321101	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
415220096214801	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
CEDAR COUNTY												
422802097031601	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
422947097142701	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
COLFAX COUNTY												
414343096595801	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
CUMING COUNTY												
415558096434501	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
415918096350501	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
420024096485901	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
420248096300901	<0.005	<0.01	<0.03	<0.02	E.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
DIXON COUNTY												
422011096595401	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
DODGE COUNTY												
413340096402701	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
413853096483801	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
414141096371701	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
414401096531301	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
DOUGLAS COUNTY												
411733096185501	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
KNOX COUNTY												
422756097334901	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
PIERCE COUNTY												
421357097243201	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
422156097314301	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
422441097404601	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
STANTON COUNTY												
414527097094101	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
414948097212601	<0.005	<0.01	<0.03	<0.02	M	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
415458097142201	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005
420425097101301	<0.005	<0.01	<0.03	<0.02	<0.01	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imaza-quin, water, fltrd, ug/L (50356)	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (38478)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala-thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)
BURT COUNTY												
414931096321101	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
415220096214801	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
CEDAR COUNTY												
422802097031601	<0.007	E.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
422947097142701	<0.007	<0.01	<0.03	<0.003	<0.02	E.01	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
COLFAX COUNTY												
414343096595801	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
CUMING COUNTY												
415558096434501	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
415918096350501	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
420024096485901	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
420248096300901	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	E.006	<0.02
DIXON COUNTY												
422011096595401	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
DODGE COUNTY												
413340096402701	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
413853096483801	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
414141096371701	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
414401096531301	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
DOUGLAS COUNTY												
411733096185501	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
KNOX COUNTY												
422756097334901	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
PIERCE COUNTY												
421357097243201	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
422156097314301	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
422441097404601	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
STANTON COUNTY												
414527097094101	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
414948097212601	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
415458097142201	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02
420425097101301	<0.007	<0.01	<0.03	<0.003	<0.02	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	MCPB, water, fltrd 0.7u GF ug/L (38487)	Metalaxyl, water, fltrd, ug/L (50359)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Metsulfuron, water, fltrd, ug/L (61697)	Molinate, water, fltrd 0.7u GF ug/L (82671)	N-(4-Chlorophenyl)-N-'methylurea, ug/L (61692)	Napropamide, water, fltrd 0.7u GF ug/L (82684)	Neburon water, fltrd 0.7u GF ug/L (49294)
BURT COUNTY												
414931096321101	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
415220096214801	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
CEDAR COUNTY												
422802097031601	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
422947097142701	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
COLFAX COUNTY												
414343096595801	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
CUMING COUNTY												
415558096434501	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
415918096350501	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
420024096485901	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
420248096300901	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
DIXON COUNTY												
422011096595401	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
DODGE COUNTY												
413340096402701	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
413853096483801	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
414141096371701	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
414401096531301	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
DOUGLAS COUNTY												
411733096185501	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
KNOX COUNTY												
422756097334901	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
PIERCE COUNTY												
421357097243201	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
422156097314301	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
422441097404601	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
STANTON COUNTY												
414527097094101	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
414948097212601	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
415458097142201	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01
420425097101301	<0.01	<0.02	<0.008	<0.004	<0.006	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p,p-' DDE, water, fltrd, ug/L (34653)	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Pronamide, water, fltrd 0.7u GF ug/L (82676)
BURT COUNTY												
414931096321101	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
415220096214801	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
CEDAR COUNTY												
422802097031601	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
422947097142701	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
COLFAX COUNTY												
414343096595801	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
CUMING COUNTY												
415558096434501	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
415918096350501	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
420024096485901	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
420248096300901	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	M	<0.004
DIXON COUNTY												
422011096595401	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
DODGE COUNTY												
413340096402701	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
413853096483801	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
414141096371701	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
414401096531301	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
DOUGLAS COUNTY												
411733096185501	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
KNOX COUNTY												
422756097334901	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
PIERCE COUNTY												
421357097243201	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
422156097314301	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
422441097404601	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
STANTON COUNTY												
414527097094101	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
414948097212601	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
415458097142201	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004
420425097101301	<0.01	<0.02	<0.02	<0.01	<0.003	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbacil, water, fltrd, ug/L (04032)
BURT COUNTY												
414931096321101	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
415220096214801	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
CEDAR COUNTY												
422802097031601	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
422947097142701	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
COLFAX COUNTY												
414343096595801	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
CUMING COUNTY												
415558096434501	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
415918096350501	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
420024096485901	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
420248096300901	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
DIXON COUNTY												
422011096595401	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
DODGE COUNTY												
413340096402701	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
413853096483801	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
414141096371701	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
414401096531301	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
DOUGLAS COUNTY												
411733096185501	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
KNOX COUNTY												
422756097334901	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
PIERCE COUNTY												
421357097243201	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
422156097314301	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
422441097404601	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
STANTON COUNTY												
414527097094101	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
414948097212601	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
415458097142201	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010
420425097101301	<0.010	<0.011	<0.02	<0.010	<0.02	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Uranium natural water, fltrd, ug/L (22703)
BURT COUNTY						
414931096321101	<0.02	<0.005	<0.002	<0.02	<0.009	2.85
415220096214801	<0.02	<0.005	<0.002	<0.02	<0.009	4.20
CEDAR COUNTY						
422802097031601	<0.02	<0.005	<0.002	<0.02	<0.009	6.82
422947097142701	<0.02	<0.005	<0.002	<0.02	<0.009	12.8
COLFAX COUNTY						
414343096595801	<0.02	<0.005	<0.002	<0.02	<0.009	8.38
CUMING COUNTY						
415558096434501	<0.02	<0.005	<0.002	<0.02	<0.009	0.76
415918096350501	<0.02	<0.005	<0.002	<0.02	<0.009	9.29
420024096485901	<0.02	<0.005	<0.002	<0.02	<0.009	11.4
420248096300901	<0.02	<0.005	<0.002	<0.02	<0.009	23.9
DIXON COUNTY						
422011096595401	<0.02	<0.005	<0.002	<0.02	<0.009	13.2
DODGE COUNTY						
413340096402701	<0.02	<0.005	<0.002	<0.02	<0.009	25.7
413853096483801	<0.02	<0.005	<0.002	<0.02	<0.009	31.8
414141096371701	<0.02	<0.005	<0.002	<0.02	<0.009	2.93
414401096531301	<0.02	<0.005	<0.002	<0.02	<0.009	44.8
DOUGLAS COUNTY						
411733096185501	<0.02	<0.005	<0.002	<0.02	<0.009	13.1
KNOX COUNTY						
422756097334901	<0.02	<0.005	<0.002	<0.02	<0.009	19.3
PIERCE COUNTY						
421357097243201	<0.02	<0.005	<0.002	<0.02	<0.009	32.4
422156097314301	<0.02	<0.005	<0.002	<0.02	<0.009	95.2
422441097404601	<0.02	<0.005	<0.002	<0.02	<0.009	162
STANTON COUNTY						
414527097094101	<0.02	<0.005	<0.002	<0.02	<0.009	13.2
414948097212601	<0.02	<0.005	<0.002	<0.02	<0.009	53.3
415458097142201	<0.02	<0.005	<0.002	<0.02	<0.009	0.02
420425097101301	<0.02	<0.005	<0.002	<0.02	<0.009	39.0

MULTIPLE STATION ANALYSES

Station number	Station name	Geologic unit	Date	Time	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Sampling depth, feet (00003)
WAYNE COUNTY							
420526096543901	25N 4E36CDDD1	112SDGV	05-01-03	0930	35	1,470	33.0
420922096514401	25N 5E 8ADDD1	112LOSS	05-05-03	1130	39	1,442	36.0
421149097121301	26N 2E28CADD1	112LOSS	05-07-03	1400	37	1,675	35.0
421303097011601	26N 3E24AACD1	111ALVM	05-07-03	0900	34.80	1,449	30.0
421445097123801	26N 2E 9BCBA1	112LOSS	05-28-03	0900	52	1,721	51.0
421829097112401	27N 2E15CCDC1	112LOSS	05-08-03	0930	35	1,645	30.0
422031097043501	27N 3E 4DAAD1	112PLSC	05-06-03	1000	73	1,540	70.0

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
WAYNE COUNTY												
420526096543901	240	719	1.0	10	6.9	2,930	10.0	12.0	1,400	990	406	90.5
420922096514401	0.3	709	4.8	48	7.2	856	11.0	12.0	360	--	105	23.9
421149097121301	0.7	715	5.8	62	7.2	1,030	23.0	15.5	400	10	117	27.0
421303097011601	0.3	719	3.1	31	7.3	801	15.0	12.0	340	61	95.3	25.8
421445097123801	--	720	--	--	7.3	1,710	18.0	13.5	880	450	290	37.7
421829097112401	36	712	4.6	46	7.0	1,020	14.0	12.0	560	79	175	29.9
422031097043501	1.9	713	9.5	95	7.2	766	16.0	12.0	340	34	102	21.4

MULTIPLE STATION ANALYSES

Station number	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
WAYNE COUNTY												
420526096543901	10.9	3	281	30	400	488	0.0	0.12	14.8	0.38	20.7	1,390
420922096514401	13.9	1	44.7	21	392	477	0.0	0.04	5.26	0.61	34.8	38.0
421149097121301	7.14	2	78.2	29	395	481	0.0	0.08	7.34	0.34	28.0	167
421303097011601	5.06	0.9	39.4	20	283	343	1.0	0.08	7.41	0.34	30.3	70.2
421445097123801	19.8	2	124	23	431	524	0.0	0.11	8.35	0.5	19.9	620
421829097112401	26.9	0.5	26.7	9	484	589	0.0	0.05	1.24	0.69	34.3	118
422031097043501	4.25	0.8	34.5	18	309	376	0.0	0.07	5.99	0.24	31.1	37.3

MULTIPLE STATION ANALYSES

Station number	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	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 (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)	Aluminum, water, fltrd, ug/L (01106)
WAYNE COUNTY												
420526096543901	2,470	3.60	2,640	0.18	E.03	4.91	<0.008	0.193	0.06	5.1	2.7	<3
420922096514401	548	0.75	554	0.14	<0.04	10.5	<0.008	--	E.01	11	1.0	E2
421149097121301	701	0.95	698	0.13	<0.04	6.71	<0.008	0.147	0.05	6.8	1.0	E2
421303097011601	518	0.73	537	0.20	<0.04	16.6	<0.008	0.356	0.12	17	1.4	M
421445097123801	1,420	2.02	1,480	0.21	<0.04	8.96	<0.008	0.377	0.12	9.2	2.1	E1
421829097112401	747	1.04	768	E.08	<0.04	9.46	<0.008	--	<0.02	--	0.8	E1
422031097043501	490	0.69	506	E.09	<0.04	15.1	<0.008	0.681	0.22	--	0.7	<2

MULTIPLE STATION ANALYSES

Station number	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)
WAYNE COUNTY												
420526096543901	<0.60	9.6	14	<0.12	198	<0.07	<0.8	0.730	5.1	<30	E.14	82.9
420922096514401	E.15	0.9	316	<0.06	167	E.03	6.5	0.293	1.4	<10	0.09	72.5
421149097121301	E.27	3.1	38	<0.06	224	E.02	2.5	0.343	4.3	<10	0.10	46.5
421303097011601	E.15	1.3	199	<0.06	104	0.06	3.0	0.314	1.7	<10	<0.08	29.7
421445097123801	E.29	8.1	55	<0.06	379	0.06	5.8	0.644	4.4	<10	E.06	63.6
421829097112401	E.19	0.9	258	<0.06	148	E.02	5.6	0.567	2.1	<10	E.05	126
422031097043501	E.18	3.2	224	<0.06	130	<0.04	4.0	0.286	0.9	<10	<0.08	25.1

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Thallium, water, fltrd, ug/L (01057)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D water, fltrd, ug/L (39732)	2,4-DB water, fltrd 0.7u GF ug/L (38746)
WAYNE COUNTY												
420526096543901	10.5	2.2	14.3	223	<0.4	2,160	E.05	9.6	4	<0.009	<0.02	<0.02
420922096514401	0.3	2.4	2.01	13.5	<0.2	493	<0.04	0.9	2	<0.009	<0.02	<0.02
421149097121301	2.8	4.1	3.30	85.7	<0.2	605	E.02	4.5	6	<0.009	<0.02	<0.02
421303097011601	28.3	10.3	2.59	12.7	<0.2	373	E.03	4.4	M	<0.009	<0.02	<0.02
421445097123801	3.8	7.4	12.7	81.8	<0.2	1,340	E.03	8.1	6	<0.009	<0.02	<0.02
421829097112401	5.8	1.9	4.93	12.0	<0.2	1,090	<0.04	1.5	2	<0.009	<0.02	<0.02
422031097043501	0.9	1.3	2.58	9.3	<0.2	319	<0.04	8.9	M	<0.009	<0.02	<0.02

MULTIPLE STATION ANALYSES

Station number	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	3-Ketocarbofuran, water, fltrd, ug/L (50295)	Acetochlor, water, fltrd, ug/L (49260)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Alachlor, water, fltrd, ug/L (46342)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)
WAYNE COUNTY												
420526096543901	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006	<0.007	<0.004	<0.02	<0.008	<0.04
420922096514401	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006	<0.007	<0.004	<0.02	<0.008	<0.04
421149097121301	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006	<0.007	<0.004	<0.02	<0.008	<0.04
421303097011601	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006	<0.007	<0.004	<0.02	<0.008	<0.04
421445097123801	<0.006	E.003	<0.04	<0.008	<0.006	<2	E.006	<0.007	<0.004	<0.02	<0.008	<0.04
421829097112401	<0.006	<0.006	<0.04	<0.008	<0.006	<2	<0.006	<0.007	<0.004	<0.02	<0.008	<0.04
422031097043501	<0.006	<0.006	E.01	<0.008	<0.006	<2	<0.006	<0.007	<0.004	<0.02	<0.008	<0.04

MULTIPLE STATION ANALYSES

Station number	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azinphos-methyl, water, fltrd 0.7u GF ug/L (82686)	Bendiocarb, water, fltrd, ug/L (50299)	Benflurralin, water, fltrd 0.7u GF ug/L (82673)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Butylate, water, fltrd, ug/L (04028)	Caffeine, water, fltrd, ug/L (50305)
WAYNE COUNTY												
420526096543901	<0.005	E.004	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010
420922096514401	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010
421149097121301	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010
421303097011601	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010
421445097123801	<0.005	E.007	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010
421829097112401	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010
422031097043501	<0.005	<0.007	<0.050	<0.03	<0.010	<0.004	<0.02	<0.01	<0.03	<0.02	<0.002	<0.010

MULTIPLE STATION ANALYSES

Station number	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)	Chlorodiamino-s-triazine, wat flt ug/L (04039)	Chlorothalonil, water, fltrd 0.7u GF ug/L (49306)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyanazine, water, fltrd, ug/L (04041)
WAYNE COUNTY												
420526096543901	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01	<0.04	<0.005	<0.006	<0.01	<0.018
420922096514401	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	M	<0.04	<0.005	<0.006	<0.01	<0.018
421149097121301	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01	<0.04	<0.005	<0.006	<0.01	<0.018
421303097011601	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.01	<0.04	<0.005	<0.006	<0.01	<0.018
421445097123801	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	<0.01	<0.04	<0.005	<0.006	<0.01	<0.018
421829097112401	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.71	<0.04	<0.005	<0.006	<0.01	<0.018
422031097043501	<0.03	<0.041	<0.006	<0.020	<0.02	<0.010	E.06	<0.04	<0.005	<0.006	<0.01	<0.018

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Cyclo-ate, water, fltrd, ug/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Diel-drin, water, fltrd, ug/L (39381)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Diuron, water, fltrd 0.7u GF ug/L (49300)
WAYNE COUNTY												
420526096543901	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	<0.01
420922096514401	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	<0.01
421149097121301	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	<0.01
421303097011601	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	<0.01
421445097123801	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	0.05
421829097112401	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	<0.01
422031097043501	<0.01	<0.01	<0.003	<0.004	<0.005	<0.01	<0.01	<0.005	<0.01	<0.03	<0.02	<0.01

MULTIPLE STATION ANALYSES

Station number	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal-flur-alin, water, fltrd 0.7u GF ug/L (82663)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluo-meturon water fltrd 0.7u GF ug/L (38811)	Fonofos water, fltrd, ug/L (04095)	Imaza-quin, water, fltrd, ug/L (50356)
WAYNE COUNTY												
420526096543901	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005	<0.007	<0.01	<0.03	<0.003	<0.02
420922096514401	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005	<0.007	<0.01	<0.03	<0.003	<0.02
421149097121301	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005	<0.007	<0.01	<0.03	<0.003	<0.02
421303097011601	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005	<0.007	<0.01	<0.03	<0.003	<0.02
421445097123801	<0.002	<0.009	<0.005	<0.03	E.006	<0.005	E.003	<0.007	<0.01	<0.03	<0.003	<0.02
421829097112401	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005	<0.007	<0.01	<0.03	<0.003	<0.02
422031097043501	<0.002	<0.009	<0.005	<0.03	<0.009	<0.005	<0.005	<0.007	<0.01	<0.03	<0.003	<0.02

MULTIPLE STATION ANALYSES

Station number	Imaze-thapyr, water, fltrd, ug/L (50407)	Imida-cloprid water, fltrd, ug/L (61695)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (38478)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala-thion, water, fltrd, ug/L (39532)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Meta-laxyl, water, fltrd, ug/L (50359)	Methio-carb, water, fltrd 0.7u GF ug/L (38501)	Meth-omyl, water, fltrd 0.7u GF ug/L (49296)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)
WAYNE COUNTY												
420526096543901	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006
420922096514401	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006
421149097121301	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006
421303097011601	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006
421445097123801	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006
421829097112401	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006
422031097043501	<0.02	<0.007	<0.004	<0.01	<0.035	<0.027	<0.02	<0.01	<0.02	<0.008	<0.004	<0.006

MULTIPLE STATION ANALYSES

Station number	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Metsul-furon, water, fltrd, ug/L (61697)	Moli-nate, water, fltrd 0.7u GF ug/L (82671)	N-(4-Chloro-phenyl) -N-' methyl-urea, ug/L (61692)	Naprop-amide, water, fltrd 0.7u GF ug/L (82684)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nico-sul-furon, water, fltrd, ug/L (50364)	Norflur azon, water, fltrd 0.7u GF ug/L (49293)	Ory-zalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	p,p-' DDE, water, fltrd, ug/L (34653)
WAYNE COUNTY												
420526096543901	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003
420922096514401	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003
421149097121301	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003
421303097011601	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003
421445097123801	E.002	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003
421829097112401	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003
422031097043501	<0.013	<0.006	<0.03	<0.002	<0.02	<0.007	<0.01	<0.01	<0.02	<0.02	<0.01	<0.003

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL LAND-USE STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Parathion, water, fltrd, ug/L (39542)	Pebulate, water, fltrd 0.7u GF ug/L (82669)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Prometon, water, fltrd, ug/L (04037)	Pronamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Propham water fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)
WAYNE COUNTY												
420526096543901	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02
420922096514401	<0.010	<0.004	<0.022	<0.011	0.02	<0.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02
421149097121301	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02
421303097011601	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02
421445097123801	<0.010	<0.004	<0.022	<0.011	<0.02	E.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02
421829097112401	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02
422031097043501	<0.010	<0.004	<0.022	<0.011	<0.02	<0.01	<0.004	<0.010	<0.011	<0.02	<0.010	<0.02

MULTIPLE STATION ANALYSES

Station number	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Simazine, water, fltrd, ug/L (04035)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd 0.7u GF ug/L (82665)	Terbacil, water, fltrd, ug/L (04032)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Thiobencarb water fltrd 0.7u GF ug/L (82681)	Triallate, water, fltrd 0.7u GF ug/L (82678)	Triclopyr, water, fltrd 0.7u GF ug/L (49235)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)
WAYNE COUNTY												
420526096543901	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009
420922096514401	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009
421149097121301	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009
421303097011601	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009
421445097123801	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009
421829097112401	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009
422031097043501	<0.008	<0.02	<0.005	<0.009	<0.02	<0.034	<0.010	<0.02	<0.005	<0.002	<0.02	<0.009

MULTIPLE STATION ANALYSES

Station number	Uranium natural water, fltrd, ug/L (22703)
WAYNE COUNTY	
420526096543901	56.8
420922096514401	70.3
421149097121301	23.8
421303097011601	10.9
421445097123801	83.8
421829097112401	77.6
422031097043501	13.4

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY

(Station Name: indicates location. Geologic unit: 111ALVM, Holocene Alluvium; 112LOSS, Pleistocene Loess; 112TILL, Pleistocene Till.)

COUNTIES.--Colfax, Dodge, and Stanton

MULTIPLE STATION ANALYSES

Station number	Station name	Latitude	Longitude	Geologic unit	Date	Time
	COLFAX COUNTY					
06799750	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	05-08-03	1005
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	05-08-03	1130
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	05-08-03	1350
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	06-18-03	1200
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	08-18-03	1805
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	08-18-03	1840
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	08-18-03	1925
	TRIBUTARY TO SOUTH FORK DRY CREEK, NR SCHUYLER	41 32 21 N	097 08 14 W	--	08-18-03	2025
413236097090501	18W 2E12CCAA-Ground-water well	41 32 36 N	097 09 05 W	--	08-26-03	0900
413247097084801	18W 2E12CADA1-Spring	41 32 46 N	097 08 48 W	--	08-26-03	1000
413302097090595	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	04-22-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	04-29-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	05-06-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	05-27-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	06-03-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	06-24-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	07-15-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	07-29-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	08-12-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	09-02-03	1000
	RAIN SAMPLER ACTRS1-1 NEAR SCHUYLER, NE	41 33 02 N	097 09 05 W	--	09-09-03	1000
414343096595801	20N 4E 5CCDC1	41 43 43 N	096 59 58 W	111ALVM	11-05-02	1600
	20N 4E 5CCDC1	41 43 43 N	096 59 58 W	111ALVM	03-06-03	1000
	20N 4E 5CCDC1	41 43 43 N	096 59 58 W	111ALVM	08-27-03	0930
	DODGE COUNTY					
413340096402701	18N 7E 6BCCC1	41 33 39 N	096 40 27 W	111ALVM	11-04-02	1500
	18N 7E 6BCCC1	41 33 39 N	096 40 27 W	111ALVM	03-04-03	1500
	18N 7E 6BCCC1	41 33 39 N	096 40 27 W	111ALVM	08-25-03	1700
413853096483801	19N 5E 2ADDC1	41 38 53 N	096 48 37 W	112LOSS	11-06-02	1300
	19N 5E 2ADDC1	41 38 53 N	096 48 37 W	112LOSS	03-12-03	1330
	19N 5E 2ADDC1	41 38 53 N	096 48 37 W	112LOSS	08-27-03	1300
414401096531301	20N 5E 6DADA1	41 44 01 N	096 53 13 W	112LOSS	11-06-02	1100
	20N 5E 6DADA1	41 44 01 N	096 53 13 W	112LOSS	03-07-03	1200
	20N 5E 6DADA1	41 44 01 N	096 53 13 W	112LOSS	08-26-03	1030
	STANTON COUNTY					
414527097094101	21N 2E35ABAA1	41 45 27 N	097 09 41 W	112TILL	11-05-02	1300
	21N 2E35ABAA1	41 45 27 N	097 09 41 W	112TILL	03-06-03	1500
	21N 2E35ABAA1	41 45 27 N	097 09 41 W	112TILL	08-26-03	1730

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Depth of well, feet below LSD (72008)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sampling depth, feet (00003)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
COLFAX COUNTY												
06799750	--	--	--	--	--	713	7.5	74	8.4	826	14.0	11.5
	--	--	--	--	--	713	12.2	126	7.1	312	14.0	13.5
	--	--	--	--	--	713	7.3	76	7.5	520	14.0	14.0
	--	--	--	--	--	--	--	--	E7.5	E193	--	--
	--	0.25	0.05	--	--	--	--	--	7.9	619	--	--
	--	0.31	0.09	--	--	--	--	--	7.6	456	--	--
	--	0.54	0.34	--	--	--	--	--	7.6	426	--	--
	--	0.30	0.08	--	--	--	--	--	7.3	257	--	--
413236097090501	--	--	--	--	--	722	--	--	6.9	731	25.0	17.0
413247097084801	--	--	--	--	--	722	6.6	80	7.6	1,050	25.0	21.6
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
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414343096595801	25	--	--	19.0	4.0	--	0.5	--	6.8	1,590	2.0	13.5
	25	--	--	19.0	34	717	1.7	17	6.5	1,590	5.0	12.0
	25	--	--	23.0	5.9	721	--	--	6.6	1,660	27.0	14.3
DODGE COUNTY												
413340096402701	24.5	--	--	21.0	5.4	729	4.0	40	7.3	1,100	8.0	13.0
	24.5	--	--	22.0	1.0	727	3.9	39	7.3	1,310	-5.0	13.0
	24.5	--	--	22.5	2.4	724	3.3	34	6.8	1,170	35.0	15.0
413853096483801	32	--	--	27.0	9.6	715	0.9	10	6.8	1,820	10.0	13.2
	32	--	--	31.0	17	737	3.4	35	6.9	1,860	2.0	15.5
	32	--	--	31.0	--	721	5.2	54	6.8	1,930	32.0	14.6
414401096531301	29.5	--	--	21.0	10	714	2.5	25	7.0	1,120	7.0	12.5
	29.5	--	--	22.0	1.2	725	3.6	39	6.8	1,110	6.0	15.5
	29.5	--	--	27.5	12	721	3.5	37	7.0	1,160	28.0	14.4
STANTON COUNTY												
414527097094101	65	--	--	60.0	3.9	--	7.8	--	7.2	661	3.0	13.0
	65	--	--	55.0	6.5	717	6.6	68	6.9	680	5.0	14.0
	65	--	--	63.0	20	721	7.0	73	7.0	712	33.0	14.8

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Noncarb hardness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)
COLFAX COUNTY												
06799750	390	43	--	112	27.2	6.88	0.7	29.6	14	--	348	418
	120	22	--	34.1	9.21	5.62	0.4	9.66	14	--	101	123
	210	50	--	58.1	14.8	7.51	0.5	15.4	13	--	156	188
	71	--	10	18.9	5.72	5.63	0.3	6.52	15	61	--	--
	250	--	--	61.2	24.2	11.3	0.8	27.4	18	262	--	--
	170	--	--	43.2	15.5	19.8	0.6	17.1	16	180	--	--
	160	--	--	41.7	13.1	18.8	0.5	14.2	15	171	--	--
	84	--	--	22.4	6.90	9.56	0.4	9.00	17	94	--	--
413236097090501	370	--	--	105	24.9	6.97	0.4	19.4	10	--	--	--
413247097084801	470	--	--	136	31.2	5.83	0.8	39.0	15	--	--	--
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
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414343096595801	890	--	--	250	63.7	8.25	0.1	9.74	2	--	970	1,180
	880	--	--	250	63.0	8.15	0.1	8.81	2	--	966	1,180
	910	--	--	252	67.6	8.09	0.1	8.73	2	--	972	1,180
DODGE COUNTY												
413340096402701	530	120	--	150	37.0	4.94	0.8	40.9	14	--	403	491
	660	210	--	187	47.4	5.88	0.7	43.6	12	--	453	551
	550	97	--	154	39.5	5.17	0.7	38.2	13	--	452	551
413853096483801	870	280	--	256	55.5	23.6	0.5	36.8	8	--	590	720
	880	300	--	262	55.0	24.9	0.6	40.3	9	--	582	710
	920	320	--	273	56.7	26.4	0.6	40.7	9	--	600	731
414401096531301	470	92	--	140	29.4	17.3	1	54.9	20	--	378	461
	490	93	--	145	30.0	16.4	0.9	45.9	16	--	393	479
	480	94	--	141	30.5	17.1	0.9	46.4	17	--	384	468
STANTON COUNTY												
414527097094101	320	--	--	97.8	17.2	6.07	0.6	25.6	15	--	352	429
	310	--	--	97.0	17.2	6.24	0.7	26.5	15	--	346	421
	330	--	--	103	18.4	6.77	0.6	25.9	14	--	338	412

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)
COLFAX COUNTY												
06799750	3	--	11.2	0.39	18.9	51.0	520	0.73	--	539	--	2.2
	0.2	--	3.92	0.45	7.81	16.8	177	0.25	--	182	--	12
	1	--	7.59	0.49	11.1	34.2	293	0.41	--	302	--	6.4
	--	--	2.45	0.5	7.23	10.6	114	0.16	--	120	--	23
	--	--	9.18	0.4	18.6	46.6	375	0.55	0.05	404	--	1.2
	--	--	7.62	0.3	14.8	34.6	271	0.43	0.08	319	--	3.1
	--	--	5.81	0.4	16.0	32.4	254	0.39	0.26	286	--	2.6
	--	--	3.47	0.5	9.30	17.6	142	0.23	0.04	167	--	7.5
413236097090501	--	--	2.77	0.3	38.2	46.1	--	--	--	440	--	0.26
413247097084801	--	--	27.6	0.4	25.6	66.7	--	--	--	663	--	1.1
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
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414343096595801	0.0	0.60	4.78	0.21	41.1	9.1	997	1.37	--	1,010	1.3	--
	0.0	0.55	5.76	0.21	38.0	7.3	986	1.31	--	962	1.2	--
	0.0	0.50	6.62	0.2	38.1	7.1	996	1.37	--	1,000	1.1	--
DODGE COUNTY												
413340096402701	0.0	0.29	35.0	0.37	29.7	104	685	0.98	--	721	0.20	--
	0.0	0.45	54.2	0.37	30.1	128	872	1.22	--	896	0.31	--
	0.0	0.33	37.9	0.4	30.8	112	724	1.02	--	754	0.27	--
413853096483801	0.0	0.78	64.9	0.43	34.9	83.6	1,200	1.62	--	1,190	0.35	--
	0.0	0.78	71.5	0.39	34.2	84.4	1,210	1.43	--	1,050	0.34	--
	0.0	0.82	76.4	0.3	34.9	75.7	1,260	1.84	--	1,350	0.44	--
414401096531301	0.0	0.18	20.5	0.53	32.1	86.6	736	1.02	--	747	0.15	--
	0.0	0.19	21.9	0.51	30.9	81.0	742	1.03	--	759	0.16	--
	0.0	0.19	24.0	0.5	30.9	79.1	732	1.03	--	759	0.18	--
STANTON COUNTY												
414527097094101	0.0	0.04	2.45	0.35	31.5	18.9	422	0.55	--	407	<0.10	--
	0.0	0.04	2.71	0.35	30.7	20.0	421	0.52	--	384	E.09	--
	0.0	0.04	2.58	0.4	32.1	19.0	424	0.57	--	417	E.08	--

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Orthophosphate, water, fltrd, mg/L (00660)	Orthophosphate, water, fltrd, mg/L as P (00671)	Particulate nitrogen, susp, water, mg/L (49570)
COLFAX COUNTY												
06799750	0.89	0.69	52.9	11.9	12.0	0.309	0.094	--	1.5	0.466	0.15	1.12
	1.56	1.21	27.3	6.16	6.23	0.240	0.073	--	10	0.184	0.06	19.1
	1.67	1.30	46.8	10.6	10.9	1.01	0.308	--	5.1	0.392	0.13	3.95
	1.04	0.81	17.8	4.03	4.11	0.276	0.084	--	22	0.101	0.03	19.6
	--	<0.04	18.1	4.09	4.18	0.302	0.092	--	--	0.509	0.17	3.98
	--	<0.04	9.12	2.06	2.13	0.223	0.068	--	--	1.13	0.37	6.11
	0.13	0.10	7.74	1.75	1.82	0.237	0.072	--	2.5	1.21	0.40	3.14
	--	E.02	6.02	1.36	1.40	0.145	0.044	--	--	0.555	0.18	13.4
413236097090501	0.25	0.20	--	--	<0.06	--	<0.008	--	0.06	0.101	0.03	<0.02
413247097084801	0.05	0.04	28.1	6.35	6.37	0.085	0.026	--	1.0	0.374	0.12	0.17
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
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414343096595801	1.33	1.03	--	--	<0.06	--	<0.008	0.23	--	1.89	0.62	--
	1.19	0.93	--	--	<0.06	--	<0.008	0.28	--	0.438	0.14	--
	0.99	0.77	--	--	<0.06	--	<0.008	0.38	--	3.11	1.01	--
DODGE COUNTY												
413340096402701	--	<0.04	--	--	9.23	--	E.004	--	--	0.773	0.25	--
	--	<0.04	--	--	23.2	--	<0.008	--	--	0.721	0.23	--
	0.05	0.04	33.8	7.62	7.63	0.026	0.008	0.23	--	0.724	0.24	--
413853096483801	--	E.03	291	65.6	65.7	0.069	0.021	--	--	0.598	0.20	--
	--	E.04	283	63.9	64.0	0.049	0.015	--	--	0.583	0.19	--
	0.06	0.04	319	72.1	72.1	0.033	0.010	0.40	--	0.770	0.25	--
414401096531301	--	<0.04	--	--	28.9	--	E.006	--	--	0.537	0.17	--
	--	<0.04	--	--	30.1	--	<0.008	--	--	0.604	0.20	--
	0.05	0.04	131	29.6	29.6	0.026	0.008	0.14	--	0.555	0.18	--
STANTON COUNTY												
414527097094101	--	<0.04	--	--	2.43	--	<0.008	--	--	0.135	0.04	--
	--	<0.04	--	--	2.79	--	<0.008	--	--	0.150	0.05	--
	--	<0.04	--	--	3.06	--	<0.008	--	--	0.138	0.04	--

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline water fltrd 0.7u GF ug/L (82660)	2-[(2-Et-6-Me-Ph)--amino]propan-1-ol, ug/L (61615)	2-Chloro-2,6'-'diethyl acetanilide wat flt ug/L (61618)
COLFAX COUNTY												
06799750	--	--	14	8.2	<0.1	8.1	<10	26.8	<0.09	<0.006	<0.1	<0.005
	--	--	18	156	1.6	155	<10	11.2	<0.09	<0.006	<0.1	<0.005
	--	--	17	27.2	0.9	26.3	<10	16.7	<0.09	<0.006	<0.1	<0.005
	6.94	--	27	150	1.8	148	E6	34.7	<0.09	<0.006	<0.1	<0.005
	0.34	--	5.4	32.0	0.4	31.6	16	7.1	<0.09	<0.006	<0.1	<0.005
	0.71	--	5.2	34.9	0.2	34.7	15	4.3	<0.09	<0.006	<0.1	<0.005
	0.66	--	4.4	20.4	0.2	20.2	20	2.8	<0.09	<0.006	<0.1	<0.005
	2.58	--	8.9	95.0	1.4	93.6	17	2.7	<0.09	<0.006	<0.1	<0.005
413236097090501	0.124	--	--	0.2	<0.1	0.2	258	281	<0.09	<0.006	<0.1	<0.005
413247097084801	0.199	--	7.4	1.6	<0.1	1.5	9	360	<0.09	<0.006	<0.1	<0.005
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	<0.09	<0.006	<0.1	<0.005
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	--	--	--	--	--	--	--	--	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	--	--	E.01	<0.006	<0.1	<0.005
	--	--	--	--	--	--	--	--	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	--	--	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	--	--	<0.09	<0.006	<0.1	<0.005
414343096595801	--	--	--	--	--	--	5,970	19,500	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	4,120	18,700	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	3,710	16,800	<0.09	<0.006	<0.1	<0.005
DODGE COUNTY												
413340096402701	--	9.4	--	--	--	--	<10	E1.1	<0.09	<0.006	<0.1	<0.005
	--	23	--	--	--	--	<10	<2.0	<0.09	<0.006	<0.1	<0.005
	--	7.9	--	--	--	--	<8	1.1	<0.09	<0.006	<0.1	<0.005
413853096483801	--	66	--	--	--	--	<10	11.4	<0.09	<0.006	<0.1	<0.005
	--	64	--	--	--	--	54	12.7	<0.09	<0.006	<0.1	<0.005
	--	73	--	--	--	--	9	8.1	<0.09	<0.006	<0.1	<0.005
414401096531301	--	29	--	--	--	--	<10	E2.1	<0.09	<0.006	<0.1	<0.005
	--	30	--	--	--	--	E8	2.0	<0.09	<0.006	<0.1	<0.005
	--	30	--	--	--	--	<8	1.1	<0.09	<0.006	<0.1	<0.005
STANTON COUNTY												
414527097094101	--	--	--	--	--	--	22	12.4	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	E5	6.6	<0.09	<0.006	<0.1	<0.005
	--	--	--	--	--	--	<8	3.0	<0.09	<0.006	<0.1	<0.005

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620)	3,4-Di-chloro-aniline water fltrd, ug/L (61625)	4-Chloro 2-methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor, water, fltrd, ug/L (46342)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)
COLFAX COUNTY												
06799750	E.120	<0.004	<0.004	<0.006	0.34	0.58	4.62	0.09	<0.05	0.017	4.81	<0.02
	E.956	<0.007	<0.004	<0.006	2.87	6.41	19.6	<0.05	<0.05	0.020	21.3	<0.02
	E.748	<0.007	<0.004	<0.006	3.42	8.36	19.4	<0.05	0.12	0.032	19.4	<0.02
	E.747	<0.004	<0.004	<0.006	0.71	1.23	1.40	0.05	<0.05	0.020	5.16	<0.02
	E.025	<0.004	<0.004	<0.006	0.36	0.55	<0.025	0.05	<0.05	<0.004	0.045	<0.02
	E.036	<0.004	<0.004	<0.006	0.59	0.90	<0.050	<0.05	<0.05	<0.004	0.058	<0.02
	E.049	<0.004	<0.004	<0.006	0.58	1.01	<0.075	<0.05	<0.05	<0.004	0.070	<0.02
	E.050	<0.004	<0.004	<0.006	0.60	0.97	<0.065	<0.05	<0.05	<0.004	0.136	<0.02
413236097090501	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.007	<0.02
413247097084801	E.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.16	<0.05	<0.004	0.007	<0.02
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
	E.068	<0.004	<0.004	<0.006	<0.05	<0.05	0.741	<0.05	<0.05	0.093	0.562	<0.02
	E.042	<0.004	<0.004	<0.006	<0.05	<0.05	0.319	<0.05	<0.05	E.021	0.239	<0.02
	E.065	<0.004	<0.004	<0.006	<0.05	<0.05	0.543	<0.05	<0.05	0.074	0.249	<0.03
	E.033	<0.004	<0.004	<0.006	<0.05	<0.05	0.252	<0.05	<0.05	0.031	0.243	<0.02
	E.046	<0.004	<0.004	<0.006	--	--	0.046	--	--	<0.009	0.309	<0.02
	E.015	<0.004	<0.004	<0.006	--	--	0.020	--	--	0.011	0.041	<0.02
	E.022	<0.004	<0.004	<0.006	<0.05	<0.05	0.013	<0.05	<0.05	0.013	0.028	<0.03
	E.009	<0.004	<0.004	<0.006	--	--	0.009	--	--	0.006	0.027	<0.02
	<0.006	<0.004	<0.004	<0.006	--	--	<0.006	--	--	0.005	<0.007	<0.02
	E.003	<0.004	<0.004	<0.006	--	--	<0.006	--	--	<0.004	0.007	<0.02
414343096595801	E.003	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	E.005	<0.02
	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.007	<0.02
	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.05	<0.05	<0.004	<0.007	<0.02
DODGE COUNTY												
413340096402701	E.004	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.09	<0.05	<0.004	<0.007	<0.02
	E.004	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.14	<0.05	<0.004	<0.007	<0.02
	E.004	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.12	<0.05	<0.004	<0.007	<0.02
413853096483801	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	4.63	<0.05	<0.004	<0.007	<0.02
	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	4.79	<0.05	<0.004	<0.007	<0.02
	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	2.16	<0.05	<0.004	<0.007	<0.02
414401096531301	E.006	<0.004	<0.004	<0.006	0.05	<0.05	<0.006	0.30	<0.05	<0.004	0.019	<0.02
	E.005	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.17	<0.05	<0.004	0.017	<0.02
	E.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.24	<0.05	<0.004	0.011	<0.02
STANTON COUNTY												
414527097094101	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.007	<0.02
	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	<0.05	<0.05	<0.004	<0.007	<0.02
	<0.006	<0.004	<0.004	<0.006	<0.05	<0.05	<0.006	0.06	<0.05	<0.004	<0.007	<0.02

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Azinphos-methyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyfluthrin, water, fltrd, ug/L (61585)	Cypermethrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)
COLFAX COUNTY												
06799750	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.015	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.015	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.015
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
413236097090501	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
413247097084801	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
	<0.050	<0.010	E.004	<0.06	E.004	<0.006	<0.008	<0.009	E.001	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	E.011	<0.06	0.009	<0.006	<0.008	<0.009	0.003	<0.004	<0.01	0.005
	<0.050	<0.010	<0.041	<0.06	0.024	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.03	0.021	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	0.017	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	0.009	<0.006	<0.008	<0.009	E.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	E.003	<0.004	<0.01	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	E.003	<0.004	<0.01	<0.005
414343096595801	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
DODGE COUNTY												
413340096402701	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
413853096483801	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
414401096531301	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005
STANTON COUNTY												
414527097094101	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	--	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.04	<0.005
	<0.050	<0.010	<0.041	<0.06	<0.005	<0.006	<0.008	<0.009	<0.003	<0.004	<0.01	<0.005

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Dicrotophos, water fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)
COLFAX COUNTY												
06799750	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	E.003
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	E.003
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	E.045	<0.03	<0.005	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.045	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.015	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
413236097090501	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
413247097084801	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	--	--	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	--	--	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	--	--	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	--	--	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	--	--	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
414343096595801	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
DODGE COUNTY												
413340096402701	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
413853096483801	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
414401096531301	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
STANTON COUNTY												
414527097094101	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005
	<0.08	<0.005	<0.05	<0.05	<0.006	<0.03	<0.004	<0.008	<0.03	<0.03	<0.009	<0.005

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)
COLFAX COUNTY												
06799750	E.007	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	E.008	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	E.009	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.010
	<0.009	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.007	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
413236097090501	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
413247097084801	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.007	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	--	--	<0.002	<0.003	<0.013	<1	<0.003	<0.025	<0.027	<0.005
	<0.005	<0.007	--	--	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	0.011	E.006	<0.005
	<0.005	<0.008	--	--	<0.002	<0.003	<0.013	<1	<0.003	<0.010	<0.027	<0.005
	<0.005	<0.007	--	--	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	--	--	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
414343096595801	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
DODGE COUNTY												
413340096402701	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
413853096483801	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
414401096531301	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005
STANTON COUNTY												
414527097094101	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	--	<1	<0.003	<0.008	<0.027	<0.005
	<0.005	<0.007	<0.05	<0.05	<0.002	<0.003	<0.013	<1	<0.003	<0.008	<0.027	<0.005

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Methi-althion water, fltrd, ug/L (61598)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd 0.7u GF ug/L (82667)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Myclo-butanil water, fltrd, ug/L (61599)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)
COLFAX COUNTY												
06799750	<0.006	<0.03	<0.006	0.10	<0.05	0.037	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	0.058	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	0.11	0.09	0.071	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	0.056	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	0.15	0.07	E.010	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.007	0.12	0.08	0.016	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	0.10	0.07	E.012	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	0.07	0.06	E.012	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
413236097090501	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
413247097084801	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
413302097090595	--	--	--	--	--	--	--	--	--	--	--	--
	<0.006	<0.03	<0.006	<0.05	<0.05	0.186	<0.006	<0.008	0.037	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	0.073	<0.006	<0.008	E.015	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	0.057	<0.006	<0.008	0.046	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	0.056	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	--	--	0.028	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	E.04	0.056	--	--	E.010	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	E.01	0.038	<0.05	<0.05	E.006	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	--	--	E.006	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	--	--	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	--	--	E.004	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
414343096595801	<0.006	<0.03	<0.006	<0.05	<0.05	E.004	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
DODGE COUNTY												
413340096402701	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
413853096483801	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
414401096531301	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
STANTON COUNTY												
414527097094101	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	E.002	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06
	<0.006	<0.03	<0.006	<0.05	<0.05	<0.013	<0.006	<0.008	<0.022	<0.10	<0.011	<0.06

CENTRAL NEBRASKA BASINS STUDY UNIT
AGRICULTURAL CHEMICAL TRANSPORT STUDY—Continued

MULTIPLE STATION ANALYSES

Station number	Phosmet water, fltrd, ug/L (61601)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Pronamide, water, fltrd 0.7u GF ug/L (82676)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water fltrd 0.7u GF ug/L (82670)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Dichlorvos, water fltrd, ug/L (38775)
COLFAX COUNTY											
06799750	<0.008	<0.01	E.003	<0.004	<0.021	<0.02	<0.07	<0.02	E.01	0.022	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.021	<0.02	<0.07	<0.02	<0.02	0.059	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.021	<0.02	<0.07	<0.02	<0.02	0.029	<0.01
	<0.008	<0.01	<0.005	<0.004	0.031	<0.02	<0.07	<0.02	E.01	0.041	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.003	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.003	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.005	<0.01
413236097090501	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
413247097084801	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.005	<0.01
413302097090595	--	--	--	--	--	--	--	--	--	--	--
	<0.008	<0.01	<0.005	<0.004	E.004	<0.02	<0.07	<0.02	<0.01	0.022	<0.01
	<0.008	<0.01	E.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	0.148	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	0.060	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	0.019	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	0.013	<0.01
	<0.008	<0.01	<0.005	<0.004	E.004	<0.02	<0.07	<0.02	<0.01	0.015	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.006	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.006	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	E.004	<0.01
414343096595801	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
DODGE COUNTY											
413340096402701	<0.008	M	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
413853096483801	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
414401096531301	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
STANTON COUNTY											
414527097094101	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01
	<0.008	<0.01	<0.005	<0.004	<0.005	<0.02	<0.07	<0.02	<0.01	<0.009	<0.01

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified