

2009

HYDROGRAPHIC REPORT

STATE OF NEBRASKA

DEPARTMENT OF NATURAL RESOURCES

STATE OF NEBRASKA

**DEPARTMENT OF NATURAL
RESOURCES**

**DISCHARGE RECORDS OF STREAMS, CANALS, PUMPS
AND STORAGE IN RESERVOIRS**

2009

**Prepared Under the Direction of Brian Dunnigan, Director
Department of Natural Resources**

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INTRODUCTION and EXPLANATION OF DATA

Most stream gaging data in Nebraska are published in the Nebraska Department of Natural Resource's Hydrographic Report and the Water Resources Data for Nebraska compiled by the U.S. Geological Survey.

The Water Resources Data for Nebraska, an online publication by the U.S. Geological Survey, includes stream and river data for gaging stations operated by the U.S. Geological Survey and its cooperators, including the Department of Natural Resources. Information can be obtained by contacting the Director, U.S. Geological Survey, Nebraska Water Science Center, 5231 South 19th Street, Lincoln, Nebraska 68512-1271. These data are not published in this report.

The Hydrographic Report for water year 2009 provides a record of stream flow, reservoir storage, and diversions for irrigation and power in Nebraska for gages operated by the Nebraska Department of Natural Resources according to statutory authority granted under Statutes 61-208, 61-209, 61-211, 46-227, 46-256, and 46-261. This report also includes some records for gages operated by agencies other than the Department of Natural Resources and U.S. Geological Survey. These sites and the operating agency are identified in the station headings. Stations are listed in order from upstream to downstream (downstream order) according to the river basin map on the next page. Multiple gages on a canal system are also in downstream order on the canal. The data presented include mean daily discharges for streams and canals and both daily and monthly reservoir storage values. Instantaneous and daily discharge values are expressed in cubic feet per second (cfs), monthly and annual totals are cubic foot per second-days (cfs-days) and acre-feet. Reservoir storage values are in acre-feet. Zero means there is no flow; a blank indicates no record was made. An "e" next to a daily record indicates an estimated value. Estimated values usually result from either a poor stage-discharge relationship due to a backwater condition or a missing or poor gage height record. Headings describe the period of record, type of gage and locations of gage sites by legal coordinates of Section, Township, and Range, East or West of the 6th Principal Meridian. The "Remarks" section for stations operated year round includes a statement on the accuracy of daily records. U.S. Geological Survey criteria are adopted for these accuracy ratings: If 95 percent of daily discharges are within 5 percent of true values the record is rated "excellent," if they are within 10 percent, the rating is "good," within 15 percent is "fair," and more than 15 percent is "poor."

Data may be converted to other common units of measurement using the table of equivalents listed below:

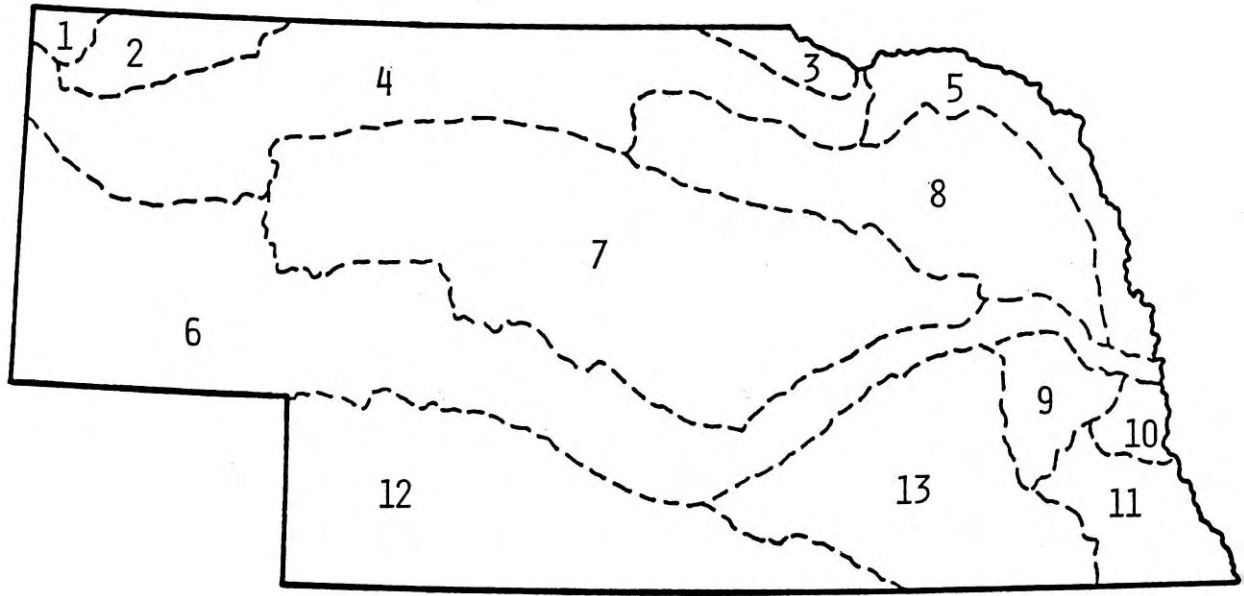
1 cubic foot	7.48 gallons or 62.4 lbs. of water
1 cubic foot	0.02832 cubic meters
1 acre-foot	43,560 cubic feet or 325,851 gallons
1 cubic foot per second (cfs)	448.8 gallons per minute
1 cfs for 24 hours	1.983 acre-feet
1,000 gallons per minute	2.23 cfs
1,000 gallons per minute	4.42 acre-feet per day

The Hydrographic Report is available on the internet at the department's web page address www.dnr.ne.gov. The last ten years of the Report are located on the DNR web page under Surface Water, Gage/Hydrographic Data. Questions can be directed to the Stream Gaging section at (402) 471-2363.

Gage records from this and previous year's publications are also provided on the Nebraska Department of Natural Resources' computerized Data Bank. There is also a link to the USGS National Water Information System.



<p>Bridgeport Field Office 729 Main Street P.O. Box 787 Bridgeport, NE 69336-0787 Telephone: (308) 262-1930 Fax: (308) 262-1939</p>	<p>Lincoln Field Office 301 Centennial Mall South P.O. Box 94676 Lincoln, NE 68509-4676 Telephone: (402) 471-0589 Fax: (402) 471-6598</p>	<p>Ord Field Office 1608 North 28th Street P.O. Box 251 Ord, NE 68862 Telephone: (308) 728-3325 Fax: (308) 728-9967</p>
<p>Cambridge Field Office 622 Patterson St P.O. Box 426 Cambridge, NE 69022 Telephone: (308) 697-3730 Fax: (308) 697-3200</p>	<p>Norfolk Field Office 601 East Benjamin Ave., Suite 101 P.O. Box 1451 Norfolk, NE 68701 Telephone: (402) 370-3377 Fax: (402) 371-0653</p>	



Data in each section of this report is listed in the following basin order:

1. Hat Creek
2. White River
3. Ponca Creek
4. Niobrara River
5. Missouri River Tributaries (Niobrara to Platte)
6. Platte River
7. Loup River
8. Elkhorn River
9. Salt Creek
10. Missouri River Tributaries (Platte to Nemaha)
11. Nemaha Rivers
12. Republican River
13. Blue Rivers

**STATION LISTING IN DOWNSTREAM ORDER
NEBRASKA DEPARTMENT OF NATURAL RESOURCES
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NUMBER	STATION NAME	PAGE NUMBER
06444000	White River at Crawford	1
00410000	Whitney Reservoir from White River	2
06454000	Niobrara River at Wyoming-Nebraska State Line	3
00072000	Johnson Canal	4
00079000	Lakotah Canal	5
00038100	Earnest Canal (South)	6
00038200	Earnest Canal (North)	7
00084000	McGinley-Stover Canal	8
06454100	Niobrara River at Agate	9
00029000	Cook Canal No. 1	10
00062000	Harris-Neece Canal	11
00078000	Labelle Canal	12
00089000	Mettlen Canal	13
00013000	Bennett-Kay Canal	14
00104000	Moore-Kay Canal	15
00063000	Geo. Hitshew Canal	16
00086000	McLaughlin Canal	17
00046000	Excelsior Canal	18
00069000	Hughes Canal	19
00123000	Pioneer Canal	20
06454500	Niobrara River above Box Butte Reservoir	21
06455000	Box Butte Reservoir	22
06455500	Niobrara River below Box Butte Reservoir	23
00102000	Montague Canal	24
00081000	Lichte Canal	25
00100000	Mirage Flats Canal	26
00124000	Potmesil Canal	27
06459025	Niobrara River near Nenzel	28
06459175	Snake River at Doughby	29
06459300	Merritt Reservoir	30
00001000	Ainsworth Canal	31
06459500	Snake River near Burge	32
06464900	Keya Paha River near Naper	33
00052000	Ft. Laramie Canal	34
00052200	Ft. Laramie Canal at Mile Post 85.3	35
00071000	Interstate Canal	36
00400300	Lake Alice	37
00405200	Little Lake Alice	38
00406300	Lake Minatare	39
00412000	Winters Creek Lake	40
00101100	Mitchell & Gering Canal	41
00056000	Gering Canal	42
00145100	Tri-State Canal from North Platte River	43
00144700	Tri-State Canal from Sheep Creek	44
00144500	Tri-State Canal from Akers Draw	45
00144600	Tri-State Canal from Dry Spottedtail Creek	46
00144900	Tri-State Canal from Wet Spottedtail Creek	47
00144800	Tri-State Canal from Tub Springs	48
00115100	Northport Canal	49

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NUMBER	STATION NAME	PAGE NUMBER
06677500	Horse Creek near Lyman	50
06678000	Sheep Creek near Morrill	51
00040000	Enterprise Canal from North Platte River	52
06679000	Dry Spottedtail Creek at Mitchell	53
06679500	North Platte River at Mitchell	54
06680000	Tub Springs near Scottsbluff	55
00148000	Winters Creek Canal from North Platte River	56
00149000	Winters Creek Canal from Winters Creek	57
00022000	Central Canal	58
06681000	Winters Creek near Scottsbluff	59
00099000	Minatare Canal	60
06681500	Gering Creek near Gering	61
00021000	Castle Rock-Steamboat Canal	62
06682000	North Platte River near Minatare	63
00106000	Nine Mile Canal from North Platte River	64
00106100	Nine Mile Canal from Nine Mile Creek	65
06682500	Nine Mile Creek near McGrew	66
00133000	Short Line Canal	67
00024000	Chimney Rock Canal	68
00002000	Alliance Canal from Bayard Sugar Factory Drain	69
00003000	Alliance Canal from Red Willow Creek	70
06683000	Bayard Creek near Bayard	71
06684000	Red Willow Creek near Bayard	72
00009000	Belmont Canal from North Platte River	73
00010000	Belmont Canal from Cedar Creek	74
00039000	Empire Canal	75
06684500	North Platte River at Bridgeport	76
00019000	Browns Creek Canal	77
00030000	Courthouse Rock Canal	78
00080000	Last Chance Canal	79
00144200	Trinnier Canal	80
00105500	Nelson Canal	81
00088000	Meredith-Ammer Canal	82
06685000	Pumpkin Creek near Bridgeport	83
00007000	Beerline Canal	84
00082000	Lisco Canal from North Platte River	85
06686000	North Platte River at Lisco	86
00098000	Midland-Overland Canal	87
00120000	Paisley Canal	88
00017100	Blue Creek & Hooper Canal	89
00067000	Hooper Canal	90
00146000	Union Canal	91
06687000	Blue Creek near Lewellen	92
06687500	North Platte River at Lewellen	93
06690000	Kingsley Reservoir	94
00138000	Sutherland Canal from N. Platte R. & Kingsley Res.	95
06764900	South Platte Supply (Korty) Canal	96
00409100	Sutherland Reservoir	97
00405500	Maloney Reservoir	98

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NUMBER	STATION NAME	PAGE NUMBER
00140000	Sutherland Power Return	99
06690500	North Platte River near Keystone	100
00076000	Keith-Lincoln Canal	101
00114000	North Platte Canal	102
00121000	Paxton-Hershey Canal	103
06691000	North Platte River near Sutherland	104
00016000	Birdwood Canal	105
06692000	Birdwood Creek near Hershey	106
00136000	Suburban Canal	107
00027000	Cody-Dillon Canal	108
06692500	Lincoln County Drain No. 1 at North Platte	109
06693000	North Platte River at North Platte	110
06762500	Lodgepole Creek above Oliver Reservoir	111
00407000	Oliver Reservoir	112
00147000	Western Canal	113
06765500	South Platte River at North Platte	114
00142000	Tri-County Canal	115
00403700	Jeffrey Reservoir	116
00143000	Jeffery Power Return	117
00403300	Elwood Reservoir	118
00403800	Johnson Reservoir	119
00122000	Phelps County Canal	120
00144000	Johnson Power Return	121
00228500	Platte River near Maxwell	122
06766000	Platte River at Brady	123
00141000	Thirty Mile Canal	124
00057000	Gothenburg Canal	125
00019500	Buffalo Creek (B-1) Reservoir Supply Canal	126
00134000	Six Mile Canal	127
00033000	Cozad Canal	128
00117000	Orchard-Alfalfa Canal	129
00037000	Dawson County Canal	130
06766500	Platte River near Cozad	131
06767500	Plum Creek near Smithfield	132
00073000	Kearney Canal	133
00075000	Kearney Power Return	134
06770000	Platte River near Odessa	135
06772000	Wood River near Alda	136
00130000	Sargent Canal	137
00090000	Middle Loup Canal No. 1	138
00090200	Middle Loup Canal No. 1 Pump	139
00091000	Middle Loup Canal No. 2	140
00092000	Middle Loup Canal No. 3	141
00093000	Middle Loup Canal No. 4	142
00047000	Farwell (Sherman Feeder) Canal	143
00093200	Middle Loup Canal No. 4 from Sherman Feeder Canal	144
06784200	Sherman Reservoir	145
00048000	Farwell Main Canal	146
00049000	Farwell South Canal	147

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06783500	Mud Creek near Sweetwater	148
06784800	Turkey Creek near Dannebrog	149
00107000	Taylor-Ord Canal	150
00107100	Taylor-Ord Canal inlet to Mirdan Canal	151
00107200	Taylor_Ord Canal outlet from Mirdan Canal	152
00076500	Kent Canal	153
06787000	Calamus River near Harrop	154
06787300	Calamus Reservoir	155
00100500	Mirdan Canal	156
00019800	Calamus Fish Hatchery Inlet from Calamus Reservoir	157
00088500	Inlet to Davis Creek Reservoir from Mirdan Canal	158
06789400	Davis Creek Reservoir	159
00054700	Fullerton Canal	160
06787500	Calamus River near Burwell	161
00108000	Burwell-Sumter Canal	162
06788500	North Loup River at Ord	163
00109000	Ord-North Loup Canal	164
06788988	Mira Creek near North Loup	165
06791500	Cedar River near Spalding	166
06792000	Cedar River near Fullerton	167
00082100	Loup River Power Canal Return at Columbus	168
06793500	Beaver Creek at Loretto	169
06794500	Loup River at Columbus	170
06796973	Elkhorn River near Atkinson	171
06798000	South Fork Elkhorn River near Ewing	172
06798500	Elkhorn River at Neligh	173
06798780	Elkhorn River near Tilden	174
06798080	Willow Creek near Foster	175
00410300	Willow Creek Reservoir near Pierce	176
00232500	Willow Creek near Pierce	177
06799230	Union Creek at Madison	178
06799385	Pebble Creek at Scribner	179
06799450	Logan Creek at Pender	180
06799510	Elkhorn River near Winslow	181
00061000	Haigler Canal	182
00061400	Haigler Canal at NE-CO State Line	183
00061500	Haigler Canal Spillback to Arikaree River	184
06829000	Swanson Lake near Trenton	185
00126700	Republican River near Trenton	186
00087000	Meeker-Driftwood Canal	187
06831500	Frenchman Creek near Imperial	188
06832000	Enders Reservoir near Enders	189
06832500	Frenchman Creek near Enders	190
06835000	Stinking Water Creek near Palisade	191
00035000	Culbertson Canal	192
00127000	Riverside Canal	193
06837300	Red Willow Creek above Hugh Butler Lake	194
06837390	Hugh Butler Lake near McCook	195
06837500	Red Willow Creek near McCook	196

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NUMBER	STATION NAME	PAGE NUMBER
00126000	Red Willow Canal	197
00006000	Bartley Canal	198
06840000	Fox Creek at Curtis	199
06841000	Medicine Creek above Harry Strunk Lake	200
06842000	Harry Strunk Lake near Cambridge	201
06842500	Medicine Creek below Harry Strunk Lake	202
00020000	Cambridge Canal	203
00224600	Muddy Creek at Gosper-Furnas County Line	204
06844000	Muddy Creek at Arapahoe	205
00231700	Turkey Creek at Gosper-Furnas County Line	206
06844210	Turkey Creek at Edison	207
06847000	Beaver Creek near Beaver City	208
06849000	Harlan County Lake near Republican City	209
00105000	Naponee Canal	210
00053000	Franklin Canal	211
06850000	Turkey Creek at Naponee	212
06851000	Center Creek at Franklin	213
00054000	Franklin Pump Canal	214
06851090	Republican River at Riverton	215
06851500	Thompson Creek at Riverton	216
06852000	Elm Creek at Amboy	217
00031000	Courtland Canal	218
00137000	Superior Canal	219
06853000	Republican River near Guide Rock	220
06879900	Big Blue River at Surprise	221
06880000	Lincoln Creek near Seward	222
06880500	Big Blue River at Seward	223
06881200	Turkey Creek near Wilber	224
06881500	Big Blue River at Beatrice	225
06883940	Big Sandy Creek at Alexandria	226

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WHITE RIVER BASIN

WHITE RIVER at Crawford, 06444000

LOCATION.--SE1/4SW1/4 Sec. 3-31-52 W., Dawes County, Lat. 42° 41' 12", Long. 103° 25' 02", on right bank 15 feet downstream from bridge in city park at Crawford.

DRAINAGE AREA.--313 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,659.85 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Feb. 1931 to Sep. 1943, Oct. 1947 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 13,300 cubic feet per second May 10, 1991, gage height 16.32 feet from flood mark. Discharge calculated by indirect method from road overflow and contracted bridge opening. Minimum daily discharge 0.29 cubic feet per second August 31, and September 2, 2007.

EXTREMES FOR CURRENT YEAR.--Peak discharge 104 cubic feet per second July 3, gage height 3.58 feet; maximum gage height 4.01 feet January 5 due to backwater from ice or slush; minimum daily discharge 13 cubic feet per second October 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	18	17	19e	22e	22	28	32	25	21	22	19
2	13	18	18e	19e	22e	23	26	30	49	20	21	18
3	13	18	18e	19e	23	24	27	29	34	50	21	17
4	14	17	17e	19e	24	24	27	29	31	46	22	16
5	15	17	17e	19e	24	24	22	29	29	34	20	17
6	15	18	17e	19e	24	23	28	29	31	30	19	17
7	15	19	17e	20e	24	23	29	29	30	31	20	17
8	15	19	17e	21e	23	23	34	28	30	28	21	16
9	15	18	17e	22e	23	23	35	28	30	26	21	15
10	16	18	16	21e	24	22	31	28	36	26	21	15
11	17	18	19	21e	23	21e	32	28	41	27	20	16
12	22	18	20e	21e	22	22e	30	28	43	28	19	17
13	19	18	19e	21e	23	23	30	28	35	25	16	21
14	17	17	18e	21e	23	23	29	26	37	24	17	20
15	16	16	18e	21e	22	23	29	26	35	22	16	19
16	16	17	18e	21e	22	23	30	25	31	24	21	19
17	16	17	18e	20e	23	23	40	25	28	23	22	18
18	15	17	19e	20e	23	23	36	25	29	22	21	18
19	16	17	20e	21e	22	23	34	24	35	22	20	17
20	15	17	20e	21e	23	23	32	23	33	23	20	18
21	16	17	20e	21	21	23	31	25	32	22	19	19
22	16	17	20e	23	22	23	30	24	31	25	20	20
23	16	17	19e	24	22	27	30	23	35	24	19	20
24	16	17	20e	23	23	23	29	23	32	23	17	19
25	17	17	20e	22e	24	26	31	25	29	23	19	19
26	16	18	20	21e	23	29	32	25	31	22	20	18
27	16	18	19	20e	23	25	30	25	29	21	19	19
28	17	17	19	20e	22	26	29	24	28	26	19	19
29	17	18	19e	21e	---	28	28	23	25	26	19	19
30	17	18	19e	21e	---	31	29	22	22	24	19	19
31	17	---	19e	21e	---	29	---	22	---	22	19	---
TOTAL	495	526	574	643	639	748	908	810	966	810	609	541
MEAN	15.9	17.5	18.5	20.7	22.8	24.1	30.2	26.1	32.3	26.0	19.6	18.0
MAX	22	19	20	24	24	31	40	32	49	50	22	21
MIN	13	16	16	19	21	21	22	22	22	20	16	15
AC-FT	982	1043	1139	1275	1267	1484	1801	1607	1916	1607	1208	1073
CAL YEAR 2008 TOTAL			7095	MEAN	19.4	MAX	48.0	MIN	5.8	AC-FT	14070	
WTR YEAR 2009 TOTAL			8269	MEAN	22.7	MAX	50.0	MIN	13.0	AC-FT	16400	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Wyoming-Nebraska State Line, 06454000

LOCATION.--NE1/4NE1/4 Sec. 19-31-57 W., Sioux County, Nebraska, Lat. 42° 39' 10", Long. 104° 03' 07", on right bank 1 mile downstream from Van Tassel Creek on county road, 0.1 mile downstream from Wyoming-Nebraska State Line, and 2 miles east of Van Tassel, WY.

DRAINAGE AREA.--Approximately 455 square miles.

GAGE.--Continuous stage recorder. Gage datum is 4,682.70 feet National Geodetic Vertical Datum of 1929. Present gage moved 3/4 mile downstream September 17, 1996. Datum at previous gage location was 4,687.70 feet. Discharge at present site about one cubic foot per second greater than at old site.

PERIOD OF RECORD.--1955 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,120 cubic feet per second August 16, 1977, gage height 8.28 feet; minimum daily discharge 0.54 cubic feet per second August 9, 1975.

EXTREMES FOR CURRENT YEAR.--Peak discharge 11.2 cubic feet per second July 2, gage height 4.56 feet; minimum daily discharge 1.59 cubic feet per second September 12.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5e	2.1e	2.3e	3.7e	2.7	3.5e	3.5e	3.3	3.9	3.2	2.2	2.0
2	1.6e	2.2e	2.3e	3.7e	2.6	3.6e	3.7e	3.2	4.9	3.9	2.2	1.9
3	1.7e	2.2e	2.2e	1.9	2.6e	4.3e	3.9e	3.1	4.2	5.8	2.2	1.8
4	1.8e	2.3e	2.5e	1.9	2.1e	4.6e	4.4e	3.1	3.9	6.7	2.3	1.8
5	1.8e	2.6e	2.3e	2.0	2.5e	5.2e	4.7e	3.0	3.8	5.5	2.3	1.8
6	1.8e	2.3e	2.5e	2.3	2.8e	5.5e	4.1e	3.0	3.8	4.8	2.3	1.7
7	1.9e	2.3e	2.4e	2.3	2.8e	6.2e	3.8e	2.9	3.7	4.4	2.3	1.7
8	1.9e	2.4e	2.2e	2.2	2.7e	7.3e	3.8e	2.9	3.7	4.6e	2.3	1.6
9	1.9e	2.4e	2.2e	2.2	2.9e	7.7e	3.6e	2.9	3.6	4.1e	2.4	1.7
10	1.9e	2.5e	3.3e	2.2	3.0e	7.3e	3.5e	3.0	4.2	3.9e	2.2	1.6
11	2.0e	2.4e	2.8e	2.2	3.3e	7.1e	3.7e	3.0	4.1	3.9e	2.2	1.6
12	2.3e	2.5e	2.8e	2.3	3.3e	7.2e	3.5e	2.9	4.6	3.8e	2.1	1.6
13	2.3e	2.6e	2.6e	2.3	3.3e	7.2e	3.5e	2.9	4.0	3.6e	2.1	1.7
14	2.4e	2.8e	2.5e	2.4	3.8e	7.2e	3.9e	2.9	4.3	3.5e	2.2	1.7
15	2.4e	2.4e	2.3e	2.5	3.8e	7.2e	3.9e	3.0	4.1	3.5e	2.3	1.7
16	2.4e	2.5e	2.4e	2.6	3.8e	7.2e	3.7e	3.0	4.0	3.2e	2.3	1.6
17	2.4e	2.4e	2.5e	2.6	3.7e	7.1e	3.6e	3.0	3.7	3.2e	2.3	1.6
18	2.5e	2.4e	2.5e	2.6	3.8e	6.5e	3.5e	3.1	3.6	3.0e	2.2	1.6
19	2.5e	2.4e	2.6e	2.6	3.7e	5.4e	3.5e	3.1	3.5	2.8e	2.1	1.6
20	2.5e	2.3e	2.5e	2.6	3.4e	5.6e	3.8e	3.2	3.4	2.7e	2.1	1.7
21	2.5e	2.3e	2.5e	2.6	3.5e	10e	3.3e	3.4	3.4	2.3e	2.0	1.9
22	2.0e	2.3e	2.7e	2.6	3.6e	12e	3.6e	3.4	3.3	2.2e	2.0	1.9
23	1.7e	2.3e	2.7e	2.6	3.3e	8.2e	3.6e	3.4	4.1	2.0	2.1	1.9
24	1.7e	2.3e	2.6e	2.6	3.0e	8.1e	3.6e	3.5	3.6	2.0	2.3	1.9
25	1.9e	2.3e	2.7e	2.8	3.2e	7.8e	3.4e	4.2	3.4	2.1	2.5	1.9
26	1.9e	2.3e	2.9e	2.9	3.2e	7.3e	3.6e	4.4	2.3	2.1	2.3	1.9
27	2.0e	2.4e	2.9e	2.8	3.3e	7.1e	3.2e	4.5	3.3	2.3	2.3	1.9
28	2.0e	2.3e	3.0e	2.9	3.2e	6.3e	3.2e	4.2	3.2	2.7	2.2	1.9
29	2.0e	2.3e	2.9e	3.0	---	5.2e	3.1	3.9	3.2	2.4	2.1	1.9
30	2.1e	2.3e	2.6e	2.8	---	4.3e	3.0	3.8	3.2	2.3	2.1	1.9
31	2.1e	---	3.0e	2.8	---	3.8e	---	3.7	---	2.2	2.0	---
TOTAL	63.4	71.1	80.2	79.5	88.9	203	109.2	102.9	112	104.7	68.5	53
MEAN	2.0	2.4	2.6	2.6	3.2	6.6	3.6	3.3	3.7	3.4	2.2	1.8
MAX	2.5	2.8	3.3	3.7	3.8	12	4.7	4.5	4.9	6.7	2.5	2.0
MIN	1.5	2.1	2.2	1.9	2.1	3.5	3.0	2.9	2.3	2.0	2.0	1.6
AC-FT	126	141	159	158	176	403	217	204	222	208	136	105
CAL YEAR 2008 TOTAL			945	MEAN	2.6	MAX	6.9	MIN	1.1	AC-FT	1874	
WTR YEAR 2009 TOTAL			1136	MEAN	3.1	MAX	12.0	MIN	1.5	AC-FT	2254	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River, 00072000

LOCATION.--NE1/4NE1/4 Sec. 1-30-57 W. near Harrison

GAGE.--Continuous stage recorder and 1.5 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.76	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	6.2	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	12	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	14	4.5	0.00
5	---	---	---	---	---	---	---	0.00	0.00	18	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	8.8	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.00	3.4	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	9.8	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.50	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.07	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	5.2	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	4.5	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	4.2	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	3.3	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	3.4	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	3.4	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	12	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	12	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	3.5	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	3.6	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	4.1	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	6.8	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	8.9	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	2.9	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.23	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.06	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	78.09	0	73.53	4.5	0
MEAN	---	---	---	---	---	---	0.000	2.5	0.000	2.4	0.14	0.000
MAX	---	---	---	---	---	---	0.00	12	0.00	18	4.5	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155	0.00	146	8.9	0.00
CAL YEAR 2008	MAX	7.4	MIN	0.000	AC-FT	144						
WTR YEAR 2009	MAX	18.0	MIN	0.000	AC-FT	310						

NIOBRARA RIVER BASIN

LAKOTAH CANAL from Niobrara River, 00079000

LOCATION.--NE1/4NE1/4 Sec. 12-30-57 W. near Harrison

GAGE.--Continuous stage recorder and 2 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.83	---	---	---	---	---	---	4.5	3.1	1.2	0.34	1.2
2	0.83	---	---	---	---	---	---	4.4	4.6	1.1	0.30	1.2
3	0.83	---	---	---	---	---	---	4.5	3.8	0.41	0.27	1.2
4	0.89	---	---	---	---	---	---	4.3	4.0	0.18	0.24	1.1
5	0.94	---	---	---	---	---	---	3.9	3.9	0.14	0.10	1.1
6	1.00	---	---	---	---	---	---	3.6	3.8	0.21	0.10	1.00
7	1.1	---	---	---	---	---	---	3.3	3.1	0.83	0.10	1.1
8	1.1	---	---	---	---	---	---	3.0	3.1	0.27	0.10	1.1
9	1.1	---	---	---	---	---	---	2.9	3.2	0.37	0.10	1.1
10	1.1	---	---	---	---	---	---	2.8	4.3	0.54	0.30	1.2
11	1.2	---	---	---	---	---	---	2.7	4.7	0.50	0.34	1.2
12	1.3	---	---	---	---	---	---	2.8	5.8	0.41	0.34	1.2
13	1.4	---	---	---	---	---	---	2.7	5.0	0.34	0.27	1.4
14	1.4	---	---	---	---	---	---	2.7	4.8	0.30	0.27	1.5
15	1.5	---	---	---	---	---	---	0.63	4.7	0.24	0.27	1.5
16	1.8	---	---	---	---	---	---	0.00	3.9	0.24	0.34	1.5
17	1.8	---	---	---	---	---	---	0.00	3.5	0.21	0.34	1.6
18	1.3	---	---	---	---	---	---	0.00	3.1	0.21	0.34	1.5
19	1.3	---	---	---	---	---	---	0.00	3.0	0.21	0.61	1.4
20	1.3	---	---	---	---	---	---	0.00	2.8	0.21	1.4	1.4
21	1.3	---	---	---	---	---	---	0.00	2.1	0.21	1.2	1.5
22	1.4	---	---	---	---	---	---	0.00	1.8	0.21	1.1	1.6
23	---	---	---	---	---	---	---	0.00	2.0	0.21	1.0	1.7
24	---	---	---	---	---	---	---	0.00	2.4	0.21	0.97	1.8
25	---	---	---	---	---	---	---	0.00	2.0	0.21	1.2	1.9
26	---	---	---	---	---	---	---	0.00	1.9	0.21	1.3	1.9
27	---	---	---	---	---	---	---	0.03	1.9	0.21	1.3	1.9
28	---	---	---	---	---	---	5.0	1.5	1.5	0.30	1.3	1.9
29	---	---	---	---	---	---	4.6	2.8	1.4	0.37	1.4	1.9
30	---	---	---	---	---	---	4.0	2.7	1.2	0.34	1.3	1.9
31	---	---	---	---	---	---	---	2.7	---	0.34	1.2	---
TOTAL	26.72	0	0	0	0	0	13.6	58.46	96.4	10.94	19.74	43.5
MEAN	1.2	---	---	---	---	---	4.5	1.9	3.2	0.35	0.63	1.4
MAX	1.8	---	---	---	---	---	5.0	4.5	5.8	1.2	1.4	1.9
MIN	0.83	---	---	---	---	---	4.0	0.00	1.2	0.14	0.10	1.00
AC-FT	53	0.00	0.00	0.00	0.00	0.00	27	116	191	22	39	86
CAL YEAR 2008	MAX		11.0	MIN	0.000	AC-FT	627					
WTR YEAR 2009	MAX		5.8	MIN	0.000	AC-FT	534					

NIOBRARA RIVER BASIN

EARNEST CANAL (SOUTH) from Niobrara River, 00038100

LOCATION.--SW1/4SE1/4 Sec. 9-29-56 W. near Harrison

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	1.5	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	2.5	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	2.4	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	2.2	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00
7	0.00	---	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00
8	0.00	---	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	1.9	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	2.6	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	1.0	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.39	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.21	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	1.8	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	2.2	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	10	30.1	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.32	1.0	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	2.2	3.7	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	60	0.00	0.00	0.00
CAL YEAR 2008	MAX	6.8	MIN	0.000	AC-FT	342						
WTR YEAR 2009	MAX	3.7	MIN	0.000	AC-FT	80						

NIOBRARA RIVER BASIN

EARNEST CANAL (NORTH) from Niobrara River, 00038200

LOCATION.--NE1/4SE1/4 Sec. 9-29-56 W. near Harrison

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	4.2	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	5.1	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	4.9	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	5.1	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	4.6	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	4.5	0.00	0.00	0.00
7	0.00	---	---	---	---	---	---	0.00	4.4	0.00	0.00	0.00
8	0.00	---	---	---	---	---	---	0.00	4.5	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	4.7	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	5.1	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	5.2	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	4.8e	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	4.2e	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	3.7e	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	3.1e	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	2.9	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	2.9	0.00	0.00	0.00
18	---	---	---	---	---	---	---	1.8	2.7	0.00	0.00	0.00
19	---	---	---	---	---	---	---	3.8	2.5	0.00	0.00	0.00
20	---	---	---	---	---	---	---	4.6	2.5	0.00	0.00	0.00
21	---	---	---	---	---	---	---	5.0	2.4	0.00	0.00	0.00
22	---	---	---	---	---	---	---	5.0	2.3	0.00	0.00	0.00
23	---	---	---	---	---	---	---	4.8	2.2	0.00	0.00	0.00
24	---	---	---	---	---	---	---	4.5	2.0	0.00	0.00	0.00
25	---	---	---	---	---	---	---	4.8	1.9	0.00	0.00	0.00
26	---	---	---	---	---	---	---	5.0	1.8	0.00	0.00	0.00
27	---	---	---	---	---	---	---	3.8	1.8	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	2.4	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	2.9	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	4.1	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	54.6	96	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	1.8	3.2	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	5.0	5.2	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108	190	0.00	0.00	0.00

CAL YEAR 2008 MAX 6.7 MIN 0.000 AC-FT 369
WTR YEAR 2009 MAX 5.2 MIN 0.000 AC-FT 299

e indicates estimated discharge.

NIOBRARA RIVER BASIN

McGINLEY-STOVER CANAL from Niobrara River, 00084000

LOCATION.--NE1/4SE1/4 Sec. 25-29-56 W. near Agate

GAGE.--Continuous stage recorder and 2 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	3.2	2.4	0.00
2	0.00	---	---	---	---	---	---	---	0.00	2.9	2.3	0.00
3	0.00	---	---	---	---	---	---	---	0.00	3.1	2.3	0.00
4	0.00	---	---	---	---	---	---	---	0.00	3.0	2.3	0.00
5	0.00	---	---	---	---	---	---	---	0.00	2.9	2.2	0.00
6	0.00	---	---	---	---	---	---	---	0.00	2.9	2.1	0.00
7	0.00	---	---	---	---	---	---	---	0.00	2.9	2.1	0.00
8	0.00	---	---	---	---	---	---	---	0.00	2.9	2.1	0.00
9	---	---	---	---	---	---	---	---	0.00	2.2	0.70	0.00
10	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	4.4	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	6.7	0.00	1.3	0.00	0.00
28	---	---	---	---	---	---	---	6.7	2.1	2.6	0.00	0.00
29	---	---	---	---	---	---	---	1.5	2.6	2.6	0.00	0.00
30	---	---	---	---	---	---	---	0.00	3.2	2.4	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	2.4	0.00	---
TOTAL	0	0	0	0	0	0	0	19.3	7.9	37.3	18.5	0
MEAN	0.000	---	---	---	---	---	---	1.5	0.26	1.2	0.60	0.000
MAX	0.00	---	---	---	---	---	---	6.7	3.2	3.2	2.4	0.00
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38	16	74	37	0.00
CAL YEAR 2008	MAX	7.1	MIN	0.000	AC-FT	451						
WTR YEAR 2009	MAX	6.7	MIN	0.000	AC-FT	165						

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Agate, 06454100

LOCATION.--SW1/4 Sec. 6-28-55 W., Sioux County, Lat. 42° 25' 22", Long. 103° 47' 28", 0.2 mile north-west of Agate, and 14.5 miles upstream from Whistle Creek.

DRAINAGE AREA.--Approximately 840 square miles.

GAGE.--Continuous stage recorder. Gage datum 4,012.47 feet above sea level.

PERIOD OF RECORD.--Oct. 1957 - 1992 , 2007

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1992. Records are fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 63 cubic feet per second June 14, gage height 6.18 feet; minimum daily discharge 5.1 cubic feet per second December 27.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.4	8.5	8.0e	5.4	7.3e	15e	19e	19	12	8.9	7.1	9.1
2	7.5	8.7	7.8e	6.2	7.4e	15e	19e	19	19	8.9	6.6	8.8
3	7.5	8.7	7.8e	5.6e	7.6	15e	18e	18	22	11	5.7	8.4
4	7.7	8.6	7.5e	5.5	7.5e	16e	18e	17	25	14	5.9	7.9
5	7.9	8.3	7.5e	5.3	7.5e	15e	15e	17	25	15	6.2	7.8
6	7.9	7.6	8.8	5.2	7.8e	15e	15e	16	27	12	6.7	7.9
7	7.9	7.0	9.4	5.2	8.0e	15e	17e	16	22	12	6.3	7.9
8	8.0	7.6	10	5.6e	8.0e	15e	18e	16	19	13	6.7	7.9
9	7.8	11	10.0	5.6e	8.3e	15e	18e	15	18	12	7.4	7.8
10	7.8	10	9.5	5.8e	8.3e	15e	18e	15	20	11	7.3	7.8
11	7.9	9.0	9.7	5.3	8.5e	15e	20e	14	22	10	7.8	7.8
12	8.8	8.6	9.5	5.7	8.4e	15e	26e	13	24	11	8.0	7.4
13	9.0	8.7	9.3	6.0	8.5e	15e	29	13	31	11	7.9	8.8
14	9.2	9.1	9.8	6.1	9.0e	15e	28e	12	55	11	7.7	9.4
15	9.0	10.0	7.9	5.9	9.0e	15e	21	11	38	10	8.2	9.7
16	8.9	11	6.4	6.2	9.2e	15e	21	11	30	9.5	9.2	8.7
17	8.9	10	6.0	6.3e	9.5e	15e	24	11	25	9.1	9.2	8.2
18	9.1	10	5.9	6.3e	9.5e	15e	25	11	22	8.9	8.6	8.0
19	9.0	9.9	6.0	6.5e	10e	15e	25	9.2	20	9.4	8.0	8.1
20	8.9	9.9	5.9	6.5e	11e	15e	22	8.9	19	9.0	8.1	8.4
21	9.0	9.6	5.6	6.7e	12e	15e	21	8.8	18	8.6	8.2	9.0
22	7.7	8.3e	5.4	6.7e	12e	15e	19	7.7	16	8.0	8.3	9.2
23	7.0	8.3e	5.3	6.8e	13e	15e	18	7.0	16	7.3	8.1	9.4
24	6.8	8.3e	5.2	7.0e	15	15e	16	7.5	15	6.5	8.5	9.3
25	7.4	8.3e	5.2	7.0e	15e	15e	17	11	14	6.7	11	9.3
26	7.3	8.3e	5.2	7.0e	15e	15e	18	12	14	7.5	11	9.3
27	7.4	8.0e	5.1	7.0e	15e	15e	18	11	14	8.2	11	9.3
28	7.7	8.0e	5.2	7.0e	15e	16e	17	7.5	13	9.8	9.4	8.9
29	8.0	8.0e	5.2	7.3e	---	17e	16	5.6	12	10	9.0	8.9
30	8.2	8.0e	5.2	7.3e	---	18	16	5.3	9.4	9.3	8.9	8.9
31	8.3	---	5.3	7.3e	---	18e	---	8.4	---	8.1	9.1	---
TOTAL	250.9	265.3	220.6	193.3	282.3	475	592	373.9	636.4	306.7	251.1	257.3
MEAN	8.1	8.9	7.1	6.2	10.0	15.3	19.6	12.1	21.1	9.9	8.1	8.6
MAX	9.2	11	10	7.3	15	18	29	19	55	15	11	9.7
MIN	6.8	7.0	5.1	5.2	7.3	15	15	5.3	9.4	6.5	5.7	7.4
AC-FT	498	526	438	383	560	942	1174	742	1262	608	498	510
CAL YEAR 2008 TOTAL			3143	MEAN	8.6	MAX	18.0	MIN	3.0	AC-FT	6234	
WTR YEAR 2009 TOTAL			4105	MEAN	11.2	MAX	55.0	MIN	5.1	AC-FT	8142	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

COOK CANAL NO. 1 from Niobrara River, 00029000

LOCATION.--SE1/4NE1/4 Sec. 2-28-56 W.

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - 1982, 1985 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2008	MAX	2.3	MIN	0.000	AC-FT	102						
WTR YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						

NIOBRARA RIVER BASIN

HARRIS-NEECE CANAL from Niobrara River, 00062000

LOCATION.--NW1/4SE1/4 Sec. 3-28-55 W. near Agate

GAGE.--Continuous stage recorder and 30 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.5	---	---	---	---	---	---	0.00	10	9.4	0.00	0.00
2	8.0	---	---	---	---	---	---	0.00	14	8.8	0.00	0.00
3	7.1	---	---	---	---	---	---	0.00	16	8.8	0.00	0.00
4	7.0	---	---	---	---	---	---	0.00	16	8.3	4.1	0.00
5	6.0	---	---	---	---	---	---	0.00	14	8.3	6.1	0.00
6	5.4	---	---	---	---	---	---	0.00	14	4.4	6.4	0.00
7	5.4	---	---	---	---	---	---	0.00	14	7.9	6.2	0.00
8	5.8	---	---	---	---	---	---	0.00	14	10	6.3	0.00
9	5.4	---	---	---	---	---	---	0.00	13	9.7	5.8	0.00
10	5.1	---	---	---	---	---	---	0.00	14	10	7.3	0.00
11	5.1	---	---	---	---	---	---	0.00	14	11	8.0	0.00
12	5.1	---	---	---	---	---	---	0.00	7.9	11	7.4	0.00
13	8.7	---	---	---	---	---	---	0.00	0.00	11	7.4	0.00
14	15	---	---	---	---	---	---	0.00	0.00	9.0	9.4	0.00
15	15	---	---	---	---	---	---	0.00	0.00	8.5	9.1	0.00
16	15	---	---	---	---	---	---	0.00	0.00	7.3	8.2	0.00
17	15	---	---	---	---	---	---	0.00	0.00	0.00	8.3	0.00
18	15	---	---	---	---	---	---	0.00	0.00	0.00	8.2	0.00
19	15	---	---	---	---	---	---	5.1	0.00	0.00	7.5	0.00
20	15	---	---	---	---	---	---	7.1	0.00	0.00	6.6	0.00
21	4.7	---	---	---	---	---	---	6.7	5.1	0.00	6.0	0.00
22	0.00	---	---	---	---	---	---	6.3	7.1	0.00	6.6	0.00
23	---	---	---	---	---	---	---	6.1	0.00	0.00	7.8	0.00
24	---	---	---	---	---	---	---	6.3	0.00	0.00	9.4	0.00
25	---	---	---	---	---	---	---	6.8	0.00	0.00	9.4	0.00
26	---	---	---	---	---	---	---	7.1	0.00	0.00	7.8	0.00
27	---	---	---	---	---	---	---	8.9	5.4	0.00	4.7	0.00
28	---	---	---	---	---	---	0.00	9.5	7.1	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	9.5	6.7	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	8.9	8.5	0.00	0.00	0.00
31	---	---	---	---	---	---	---	8.1	---	0.00	0.00	---
TOTAL	191.3	0	0	0	0	0	0	96.4	200.8	143.4	174	0
MEAN	8.7	---	---	---	---	---	0.000	3.1	6.7	4.6	5.6	0.000
MAX	15	---	---	---	---	---	0.00	9.5	16	11	9.4	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	379	0.00	0.00	0.00	0.00	0.00	0.00	191	398	284	345	0.00
CAL YEAR 2008	MAX	18.0	MIN	0.000	AC-FT	2255						
WTR YEAR 2009	MAX	16.0	MIN	0.000	AC-FT	1598						

NIOBRARA RIVER BASIN

LABELLE CANAL from Niobrara River, 00078000

LOCATION.--NW1/4NW1/4 Sec. 6-28-54 W. near Agate

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2008	MAX	5.4	MIN	0.000	AC-FT	205						
WTR YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						

NIOBRARA RIVER BASIN

METTLEN CANAL from Niobrara River, 00089000

LOCATION.--NW1/4NE1/4 Sec. 4-28-54 W. near Agate

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	5.0
2	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.9
3	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.7
4	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.1
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.6
6	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.7
7	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.7
8	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.6
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.6
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.6
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.6
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.5
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.0
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.2
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.0
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.8
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.9
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.9
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.9
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.8
21	---	---	---	---	---	---	0.00	0.00	0.00	1.8	0.00	2.3
22	---	---	---	---	---	---	0.00	0.00	0.00	9.3	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	9.4	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	9.0	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	8.9	2.1	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	8.8	3.3	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	7.0	2.9	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	6.9	2.9	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	7.5	3.7	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	7.3	4.2	0.00
31	---	---	---	---	---	---	---	0.00	---	5.6	4.8	---
TOTAL	0	0	0	0	0	0	0	0	0	81.5	23.9	81.4
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	2.6	0.77	2.7
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	9.4	4.8	5.0
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162	47	161
CAL YEAR 2008	MAX		7.8	MIN	0.000	AC-FT	371					
WTR YEAR 2009	MAX		9.4	MIN	0.000	AC-FT	371					

NIOBRARA RIVER BASIN

BENNETT-KAY CANAL from Niobrara River, 00013000

LOCATION.--SE1/4SE1/4 Sec. 1-28-54 W. near Agate

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1958 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.32
2	0.00	---	---	---	---	---	---	0.00	0.00	0.84	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	0.00	0.77	0.99	0.00
4	0.00	---	---	---	---	---	---	0.00	0.00	0.00	1.7	0.00
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	1.7	0.00
6	0.00	---	---	---	---	---	---	0.00	0.00	0.00	1.8	0.00
7	0.00	---	---	---	---	---	---	0.00	0.00	0.00	1.6	0.00
8	0.00	---	---	---	---	---	---	0.00	0.00	0.00	1.6	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	1.3	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	1.1	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.78	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.35	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	2.1	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	2.1	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	2.0	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	1.5	0.63	0.00
20	---	---	---	---	---	---	---	0.00	0.00	1.2	1.2	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	1.2	1.2	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	1.3	0.56	0.00
23	---	---	---	---	---	---	0.00	0.00	1.7	1.0	0.66	0.00
24	---	---	---	---	---	---	0.00	0.00	1.6	0.00	1.3	0.00
25	---	---	---	---	---	---	0.00	0.00	1.5	0.00	1.3	0.00
26	---	---	---	---	---	---	0.00	0.00	1.6	0.00	1.2	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.87	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.65	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	1.1	---
TOTAL	0	0	0	0	0	0	0	0	6.4	14.36	25.44	0.32
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.21	0.47	0.82	0.011
MAX	0.00	---	---	---	---	---	0.00	0.00	1.7	2.1	1.8	0.32
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	28	50	0.6
CAL YEAR 2008	MAX		3.3	MIN	0.000	AC-FT	174					
WTR YEAR 2009	MAX		2.1	MIN	0.000	AC-FT	92					

NIOBRARA RIVER BASIN

MOORE - KAY CANAL from Niobrara River, 00104000

LOCATION.--SE1/4NE1/4 Sec. 9-28-53 W. near Marsland

GAGE.--Continuous stage recorder and 2 ft. flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00e	0.02	0.00	0.00
2	0.00	---	---	---	---	---	---	---	0.04	0.88	0.00	0.00
3	0.00	---	---	---	---	---	---	---	0.07	2.6	0.00	0.00
4	0.00	---	---	---	---	---	---	---	0.61	1.6	0.00	0.00
5	0.00	---	---	---	---	---	---	2.5	0.88	1.4	0.00	0.00
6	0.00	---	---	---	---	---	---	2.2e	3.3	2.6	0.00	0.00
7	0.00	---	---	---	---	---	---	2.1e	2.3	1.7	0.00	0.00
8	0.00	---	---	---	---	---	---	2.0e	2.2	0.93	0.00	0.00
9	---	---	---	---	---	---	---	1.8e	1.8	0.05	0.00	0.00
10	---	---	---	---	---	---	---	1.6e	1.8	0.00	0.00	0.00
11	---	---	---	---	---	---	---	1.4e	1.9	0.00	0.00	0.00
12	---	---	---	---	---	---	---	1.2e	2.3	0.00	0.00	0.00
13	---	---	---	---	---	---	---	1.2e	2.2	0.00	0.00	0.00
14	---	---	---	---	---	---	---	1.1	2.1	0.00	0.00	0.00
15	---	---	---	---	---	---	---	1.3	1.9	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.96	1.5	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.87	1.1	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.95	1.4	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.42	3.1	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.38	2.8	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.31	2.2	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.32	2.3	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.54	1.6	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.70	1.1	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.37	0.97	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.89	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00e	0.60	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00e	0.63	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00e	0.19	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00e	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	24.22	45.58	11.78	0	0
MEAN	0.000	---	---	---	---	---	---	0.90	1.5	0.38	0.000	0.000
MAX	0.00	---	---	---	---	---	---	2.5	3.3	2.6	0.00	0.00
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48	90	23	0.00	0.00

CAL YEAR 2008 MAX 13.0 MIN 0.000 AC-FT 237
WTR YEAR 2009 MAX 3.3 MIN 0.000 AC-FT 162

e indicates estimated discharge.

NIOBRARA RIVER BASIN

GEO. HITSHEW CANAL from Niobrara river, 00063000

LOCATION.--NE1/4SE1/4 Sec. 6-28-52 W. near Marsland

GAGE.--Continuous stage recorder and 30 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.16	0.00	0.00
26	---	---	---	---	---	---	---	0.00	0.00	0.17	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.17	0.00	0.00
28	---	---	---	---	---	---	---	0.00	0.00	0.18	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.18	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0.86	0	0
MEAN	0.000	---	---	---	---	---	---	0.000	0.000	0.028	0.000	0.000
MAX	0.00	---	---	---	---	---	---	0.00	0.00	0.18	0.00	0.00
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.7	0.00	0.00
CAL YEAR 2008	MAX		0.18	MIN	0.000	AC-FT		0.7				
WTR YEAR 2009	MAX		0.18	MIN	0.000	AC-FT		1.7				

NIOBRARA RIVER BASIN

McLAUGHLIN CANAL from Niobrara River, 00086000

LOCATION.--NW1/4SE1/4 Sec. 9-28-52 W. near Marsland

GAGE.--Continuous stage recorder and 30 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	4.2	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	4.2	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	5.1	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	5.3	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	5.8	0.00	0.00	0.00
7	0.00	---	---	---	---	---	---	0.00	5.9	0.00	0.00	0.00
8	0.00	---	---	---	---	---	---	0.00	6.0	0.00	0.00	0.00
9	0.00	---	---	---	---	---	---	0.00	5.9	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	5.9	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	5.2	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	5.0	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	5.0	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	4.9	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	3.4	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	1.0	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	5.2	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	2.7	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	2.5	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	---	4.4	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	4.1	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	24.2	76.1	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.78	2.5	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	5.2	6.0	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48	151	0.00	0.00	0.00
CAL YEAR 2008	MAX	6.7	MIN	0.000	AC-FT	312						
WTR YEAR 2009	MAX	6.0	MIN	0.000	AC-FT	199						

NIOBRARA RIVER BASIN

EXCELSIOR CANAL from Niobrara River, 00046000

LOCATION.--SE1/4NE1/4 Sec. 10-28-52 W. near Marsland

GAGE.--Continuous stage recorder and 28 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	---	---	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2008	MAX	2.9	MIN	0.000	AC-FT	151						
WTR YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						

NIOBRARA RIVER BASIN

HUGHES CANAL from Niobrara River, 00069000

LOCATION.--SW1/4SE1/4 Sec. 1-28-52 W. near Marsland

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	---	---	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2008	MAX		1.4	MIN	0.000	AC-FT	63					
WTR YEAR 2009	MAX		0.000	MIN	0.000	AC-FT	0.00					

NIOBRARA RIVER BASIN

PIONEER CANAL from Niobrara River, 00123000

LOCATION.--NE1/4NE1/4 Sec. 36-29-51 W. near Marsland

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - 1982, 1986 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	3.4	0.00	0.00	0.37
2	0.00	---	---	---	---	---	---	---	4.0	0.00	0.35	0.37
3	0.00	---	---	---	---	---	---	---	3.9	0.00	1.0	0.36
4	0.00	---	---	---	---	---	---	---	3.9	0.00	1.0	0.34
5	0.00	---	---	---	---	---	---	---	3.9	0.00	1.0	0.37
6	0.00	---	---	---	---	---	---	---	4.8	0.00	1.0	0.37
7	0.00	---	---	---	---	---	---	0.00	4.7	0.00	1.0	0.37
8	0.00	---	---	---	---	---	---	0.00	4.8	0.00	1.1	0.37
9	0.00	---	---	---	---	---	---	0.00	4.8	0.00	0.73	0.37
10	---	---	---	---	---	---	---	0.00	5.3	0.00	0.00	0.37
11	---	---	---	---	---	---	---	0.00	5.6	0.00	0.00	0.27
12	---	---	---	---	---	---	---	0.00	5.5	0.00	0.55	0.00
13	---	---	---	---	---	---	---	0.00	5.4	0.00	1.2	0.00
14	---	---	---	---	---	---	---	0.00	5.4	0.00	1.0	0.00
15	---	---	---	---	---	---	---	0.00	5.3	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	5.2	0.00	0.00	0.22
17	---	---	---	---	---	---	---	0.00	5.2	0.00	0.00	0.90
18	---	---	---	---	---	---	---	0.00	5.2	0.00	0.00	0.90
19	---	---	---	---	---	---	---	0.55	5.2	0.00	0.00	0.90
20	---	---	---	---	---	---	---	3.1	5.1	0.00	0.00	0.92
21	---	---	---	---	---	---	---	3.2	4.9	0.00	0.34	0.48
22	---	---	---	---	---	---	---	3.4	4.9	0.30	0.39	0.00
23	---	---	---	---	---	---	---	3.3	2.2	1.5	0.40	0.00
24	---	---	---	---	---	---	---	3.4	0.00	1.8	0.42	0.00
25	---	---	---	---	---	---	---	3.6	0.00	1.3	0.43	0.00
26	---	---	---	---	---	---	---	3.6	0.00	0.00	0.43	0.00
27	---	---	---	---	---	---	---	3.6	0.00	0.00	0.42	0.00
28	---	---	---	---	---	---	---	3.4	0.00	0.00	0.40	0.00
29	---	---	---	---	---	---	---	3.4	0.00	0.00	0.40	0.00
30	---	---	---	---	---	---	---	3.4	0.00	0.00	0.39	0.00
31	---	---	---	---	---	---	---	3.3	---	0.00	0.37	---
TOTAL	0	0	0	0	0	0	0	41.25	108.6	4.9	14.32	8.25
MEAN	0.000	---	---	---	---	---	---	1.7	3.6	0.16	0.47	0.28
MAX	0.00	---	---	---	---	---	---	3.6	5.6	1.8	1.2	0.92
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82	215	9.7	28	16
CAL YEAR 2008	MAX		6.2	MIN	0.000	AC-FT	488					
WTR YEAR 2009	MAX		5.6	MIN	0.000	AC-FT	352					

NIOBRARA RIVER BASIN

NIOBRARA RIVER above Box Butte Reservoir, 06454500

LOCATION.--NE1/4 Sec. 27-29-50 W., Dawes County, Lat. 42° 27' 35", Long. 103° 10' 16", on right bank 1 mile upstream from high-water line of Box Butte Reservoir and 6 miles east of Marsland.

DRAINAGE AREA.--Approximately 1,400 square miles.

GAGE.--Continuous stage recorder. Gage datum 4,012.47 feet above sea level.

PERIOD OF RECORD.--Oct. 1946 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,950 cubic feet per second July 28, 1951, gage height 10.30 feet; minimum daily discharge 1.6 cubic feet per second September 26, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 187 cubic feet per second July 3, gage height 5.78 feet; minimum daily discharge 8.5 cubic feet per second August 21.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.7	13	13	10e	13	22e	28e	37	9.3	22	21	11
2	9.7	13	12	10e	13	22e	47	41	27	21	21	11
3	9.8	13	12	9.8e	14e	23e	45	36	22	92	12	11
4	9.8	13	11	10e	14	23	63	35	17	43	14	10
5	10.0	14	13e	11e	14	26	128	36	16	40	14	11
6	10	14e	12	12e	14	21	129	34	32	52	14	11
7	10	15e	13	12e	14	23e	119	32	36	50	14	11
8	10	16e	13	12e	14	23e	66	29	25	46	17	11
9	10	17e	13e	12e	15	25e	30	26	24	47	19	11
10	10	18e	14e	12e	15	25e	60	25	33	46	28	11
11	11	17e	14e	12e	15	23e	82	25	50	44	18	11
12	12	16e	12e	12e	15	23e	80	25	50	43	16	19
13	12	12	12e	12e	18	21e	63	24	43	38	11	14
14	12	15	13e	12e	19e	23e	50	24	39	29	12	14
15	11	16	13e	11e	19	25e	43	24	34	23	22	14
16	12	16	14e	12e	17	24e	44	23	27	21	16	14
17	12	14	13e	12	17	24e	59	23	23	20	15	9.3
18	12	14	13e	13	16	25e	68	22	21	19	15	11
19	12	13	12e	13	17	24e	65	22	23	19	14	12
20	12	14	10e	13	17e	24e	62	13	21	18	13	12
21	11	14	10e	13	17e	23e	56	14	19	18	8.5	17
22	12	14	9.9e	13	18e	23e	50	16	17	17	10	19
23	11	14	9.6e	14	18e	22e	45	17	18	11	10	15
24	11	14	10e	15e	18e	22e	42	19	33	12	11	16
25	11	14	11e	16e	19e	26e	36	26	29	13	12	17
26	12	14	11e	14e	19e	27e	28	30	33	23	13	16
27	13	14	12e	14e	20e	28e	32	25	35	16	13	16
28	13	14	12e	14e	20e	30e	34	18	32	17	13	16
29	13	14	12e	13e	---	29e	30	15	28	19	13	16
30	13	15	11e	14e	---	27e	28	13	23	20	13	15
31	13	---	9.6e	14	---	27e	---	9.8	---	19	12	---
TOTAL	350	434	370.1	386.8	459	753	1712	758.8	839.3	918	454.5	402.3
MEAN	11.3	14.5	11.9	12.5	16.4	24.2	57.1	24.5	28.0	29.6	14.7	13.4
MAX	13	18	14	16	20	30	129	41	50	92	28	19
MIN	9.7	12	9.6	9.8	13	21	28	9.8	9.3	11	8.5	9.3
AC-FT	694	861	734	767	910	1494	3396	1505	1665	1821	901	798
CAL YEAR 2008	TOTAL		5723	MEAN	15.6	MAX	110.0	MIN	9.0	AC-FT	11350	
WTR YEAR 2009	TOTAL		7838	MEAN	21.5	MAX	129.0	MIN	8.5	AC-FT	15550	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR from Niobrara River, 06455000

LOCATION.--SW1/4NE1/4 Sec. 28-29-49 W., Dawes County, near Dunlap, Lat. 42° 27' 30", Long. 103° 04' 03"

GAGE.--Reference point

PERIOD OF RECORD.--1946 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains web page.

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4546	---	5821	6394	7020	7816	8992	11400	12170	12950	8562	6158
2	4563	---	5846	6414	7047	7852	9048	11460	12180	13090	8119	6177
3	4573	5125	5870	6433	7067	7889	9114	11510	12220	13220	7237	6190
4	4584	5153	5877	6446	7094	7933	9220	11570	12240	13270	6893	6209
5	4600	5252	5908	6459	7115	7970	9220	11630	12280	13300	7787	6222
6	4617	5264	5932	6472	7142	8014	9245	11670	12330	13350	7340	6241
7	4628	5235	5957	6498	7162	8051	9303	11710	12370	13400	7237	6260
8	4633	5223	5989	6517	7183	8089	9403	11730	12380	13410	7258	6279
9	4633	5240	6007	6537	7224	8119	9445	11770	12420	13430	8361	6196
10	4660	5275	6026	6556	7244	8141	9521	11800	12480	13460	8392	6165
11	4687	5310	6057	6576	7265	8171	9639	11830	12530	13490	8415	6215
12	4737	5352	6083	6589	7292	8209	9802	11850	12570	13500	8430	6247
13	4748	5393	6120	6609	7326	8247	9915	11870	12610	13510	8438	6266
14	4764	5410	6108	6628	7354	8277	9975	11880	12650	11740	8454	6285
15	4781	5440	6133	6648	7389	8308	10050	11890	12690	11480	8500	6311
16	4809	5470	6152	6674	7417	8346	10200	11900	12710	11190	7368	6247
17	4831	5500	6171	6694	7445	8384	10360	11920	12730	10850	6127	6203
18	4847	5524	6190	6707	7473	8423	10500	11930	12750	10750	6356	6247
19	4870	5548	6215	6727	7501	8461	10600	11950	12780	10350	6661	6266
20	4875	5566	6222	6740	7529	8500	10690	11960	12780	10010	6879	6292
21	---	5590	6234	6767	7543	8531	10780	11960	12800	9837	6920	6324
22	---	5620	6247	6786	7572	8570	10860	11970	12800	9353	6382	6349
23	---	5638	6266	6820	7607	8680	10920	11980	12830	9065	5729	6298
24	---	5662	6273	6853	7636	8641	10980	12010	12850	8911	5542	6279
25	---	5687	6285	6873	7664	8664	11030	12040	12860	8735	5416	6324
26	---	5711	6311	6906	7693	8704	11100	12060	12890	8254	5240	6349
27	---	5729	6317	6933	7736	8735	11130	12080	12890	7852	5177	6362
28	---	5754	6330	6946	7765	8767	11180	12080	12910	7955	6076	6388
29	---	5790	6343	6966	---	8831	11240	12090	12920	8508	6095	6407
30	---	5797	6362	6980	---	8895	11310	12090	12950	8855	6114	6446
31	---	---	6375	7000	---	8943	---	12100	---	8743	6133	---
TOTAL	93986	153258	190027	207148	206505	259161	304772	367690	378570	345818	217638	188202
MEAN	4699	5474	6130	6682	7375	8360	10160	11860	12620	11160	7021	6273
MAX	4875	5797	6375	7000	7765	8943	11310	12100	12950	13510	8562	6446
MIN	4546	5125	5821	6394	7020	7816	8992	11400	12170	7852	5177	6158
AC-FT	186400	304000	376900	410900	409600	514000	604500	729300	750900	685900	431700	373300
CAL YEAR 2008	TOTAL		437271	MEAN	5535	MAX	6375	MIN	4546	AC-FT	867300	
WTR YEAR 2009	TOTAL		2912775	MEAN	8275	MAX	13510	MIN	4546	AC-FT	5777000	

NIOBRARA RIVER BASIN

NIOBRARA RIVER below Box Butte Reservoir, 06455500

LOCATION.--SE1/4 Sec. 28-29-49 W., Dawes County, Lat. 42° 27' 23", Long. 103° 04' 10", on left bank 0.2 mile downstream from Box Butte Reservoir and nine miles north of Hemingford.

DRAINAGE AREA.--Approximately 460 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,950.08 feet above sea level.

PERIOD OF RECORD.--Oct. 1946 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Flow completely regulated from Box Butte Reservoir. Records are good, except discharges below 2.0 cfs are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 616 cubic feet per second July 2, 1968, gage height 5.04 feet; minimum daily discharge 0.10 cubic feet per second for many days in 1947 and 1951.

EXTREMES FOR CURRENT YEAR.--Peak discharge 157 cubic feet per second July 17, gage height 4.29 feet; minimum daily discharge 0.56 cubic feet per second on November 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.63	0.62	0.72	0.63	0.65	0.68	0.79	0.99	1.1	0.98	84	0.86
2	0.63	0.62	0.70	0.63	0.65	0.68	0.79	0.92	1.1	1.1	90	0.84
3	0.63	0.61	0.78	0.64	0.66	0.68	0.79	0.88	1.1	1.3	103	0.83
4	0.62	0.61	0.68	0.63	0.66	0.69	0.77	0.94	1.1	1.1	115	0.81
5	0.62	0.68	0.66	0.64	0.66	0.69	0.88	0.99	1.1	1.0	102	0.79
6	0.63	0.80	0.66	0.66	0.66	0.70	0.82	1.00	1.2	1.0	88	0.77
7	0.62	0.71	0.69	0.69	0.66	0.71	0.87	0.98	1.1	1.0	91	0.74
8	0.63	0.70	0.72	0.64	0.66	0.71	0.90	0.96	1.1	0.97	90	0.72
9	0.64	0.67	0.70	0.62	0.67	0.71	0.87	0.96	1.1	0.92	51	17
10	0.62	0.66	0.74	0.62	0.66	0.71	0.84	0.97	1.2	0.90	1.1	27
11	0.64	0.69	0.70	0.64	0.67	0.71	0.83	0.98	1.1	0.90	0.96	12
12	0.74	0.66	0.68	0.62	0.66	0.71	0.83	0.98	1.1	0.91	0.92	0.84
13	0.67	0.66	0.67	0.62	0.66	0.71	0.81	0.97	1.1	0.90	0.88	0.84
14	0.64	0.63	0.74	0.62	0.66	0.71	0.80	0.97	1.1	2.2	0.85	0.80
15	0.64	0.63	0.67	0.64	0.67	0.71	0.80	0.96	1.0	80	0.89	0.78
16	0.64	0.63	0.70	0.64	0.67	0.70	0.90	0.98	1.0	84	48	16
17	0.65	0.62	0.71	0.64	0.67	0.71	1.1	0.98	1.0	94	117	28
18	0.64	0.66	0.65	0.64	0.67	0.72	1.0	0.99	1.0	101	132	12
19	0.63	0.69	0.65	0.62	0.67	0.75	0.96	0.99	1.0	103	116	0.87
20	0.63	0.70	0.65	0.63	0.67	0.72	0.88	1.0	1.0	108	92	0.84
21	0.63	0.72	0.64	0.62	0.68	0.72	1.2	1.0	1.0	113	77	0.90
22	0.63	0.76	0.65	0.64	0.67	0.73	1.2	1.0	1.0	116	85	0.86
23	0.63	0.78	0.63	0.65	0.67	0.75	1.3	1.0	1.0	121	107	16
24	0.63	0.81	0.60	0.65	0.67	0.77	1.3	1.0	1.0	123	118	29
25	0.63	0.83	0.60	0.68	0.65	0.75	1.2	1.1	1.0	122	114	13
26	0.62	0.78	0.62	0.68	0.68	0.75	1.2	1.0	1.0	125	114	0.87
27	0.62	0.65	0.60	0.66	0.68	0.75	1.1	1.0	0.99	135	111	0.81
28	0.62	0.66	0.61	0.62	0.68	0.75	1.0	1.0	0.96	132	87	0.82
29	0.62	0.65	0.63	0.62	---	0.76	0.95	1.0	0.96	114	1.0	0.81
30	0.62	0.68	0.61	0.63	---	0.78	0.96	0.99	0.96	95	0.94	0.81
31	0.62	---	0.61	0.65	---	0.80	---	0.99	---	85	0.88	---
TOTAL	19.66	20.57	20.67	19.81	18.64	22.42	28.64	30.47	31.47	1866.18	2140.42	187.21
MEAN	0.63	0.69	0.67	0.64	0.67	0.72	0.96	0.99	1.1	60.1	69.1	6.2
MAX	0.74	0.83	0.78	0.69	0.68	0.80	1.3	1.1	1.2	135	132	29
MIN	0.62	0.61	0.60	0.62	0.65	0.68	0.77	0.88	0.96	0.90	0.85	0.72
AC-FT	39	41	41	39	37	44	57	60	62	3702	4245	371
CAL YEAR 2008	TOTAL		3347	MEAN	9.1	MAX	157.0	MIN	0.59	AC-FT	6639	
WTR YEAR 2009	TOTAL		4406	MEAN	12.1	MAX	135.0	MIN	0.60	AC-FT	8739	

NIOBRARA RIVER BASIN

MONTAGUE CANAL from Niobrara River, 00102000

LOCATION.--SW1/4NW1/4 Sec. 27-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - 1957, 1959 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2008	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00
WTR YEAR 2009	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River, 00081000

LOCATION.--NW1/4SW1/4 Sec. 26-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	1.4	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	3.1	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	3.1	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	1.1	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	8.7	0	0	0	0
MEAN	0.000	---	---	---	---	---	---	0.35	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	---	3.1	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00
CAL YEAR 2008	MAX	4.2	MIN	0.000	AC-FT	126						
WTR YEAR 2009	MAX	3.1	MIN	0.000	AC-FT	17						

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River, 00100000

LOCATION.--SE1/4NW1/4 Sec 26-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1948 - present

REMARKS.--Values furnished by United States Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	0.00	0.00
2	---	---	---	---	---	---	---	---	---	---	0.00	0.00
3	---	---	---	---	---	---	---	---	---	---	0.00	0.00
4	---	---	---	---	---	---	---	---	---	---	0.00	0.00
5	---	---	---	---	---	---	---	---	---	---	0.00	0.00
6	---	---	---	---	---	---	---	---	---	---	0.00	0.00
7	---	---	---	---	---	---	---	---	---	---	0.00	0.00
8	---	---	---	---	---	---	---	---	---	---	0.00	0.00
9	---	---	---	---	---	---	---	---	---	---	0.00	0.00
10	---	---	---	---	---	---	---	---	---	---	0.00	0.00
11	---	---	---	---	---	---	---	---	---	---	0.00	0.00
12	---	---	---	---	---	---	---	---	---	---	0.00	0.00
13	---	---	---	---	---	---	---	---	---	---	0.00	0.00
14	---	---	---	---	---	---	---	---	---	---	0.00	0.00
15	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	---	0.00	141	0.00
19	---	---	---	---	---	---	---	---	---	0.00	131	0.00
20	---	---	---	---	---	---	---	---	---	0.00	115	0.00
21	---	---	---	---	---	---	---	---	---	0.00	104	0.00
22	---	---	---	---	---	---	---	---	---	0.00	105	0.00
23	---	---	---	---	---	---	---	---	---	0.00	120	0.00
24	---	---	---	---	---	---	---	---	---	0.00	137	0.00
25	---	---	---	---	---	---	---	---	---	0.00	129	0.00
26	---	---	---	---	---	---	---	---	---	0.00	133	0.00
27	---	---	---	---	---	---	---	---	---	0.00	136	0.00
28	---	---	---	---	---	---	---	---	---	0.00	131	0.00
29	---	---	---	---	---	---	---	---	---	0.00	65	0.00
30	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	1447	0
MEAN	---	---	---	---	---	---	---	---	---	0.000	46.7	0.000
MAX	---	---	---	---	---	---	---	---	---	0.00	141	0.00
MIN	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2870	0.00
CAL YEAR 2008	MAX	168.0	MIN	0.000	AC-FT	5784						
WTR YEAR 2009	MAX	141.0	MIN	0.000	AC-FT	2870						

NIOBRARA RIVER BASIN

POTMESIL CANAL from Niobrara River, 00124000

LOCATION.--SE1/4 NW1/4 Sec. 26-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	7.2	3.2	4.6
2	0.00	---	---	---	---	---	---	---	0.00	6.3	3.9	4.1
3	0.00	---	---	---	---	---	---	---	0.00	0.00	5.3	3.4
4	0.00	---	---	---	---	---	---	---	0.00	0.00	5.8	3.0
5	0.00	---	---	---	---	---	---	---	0.00	0.00	5.3	2.5
6	0.00	---	---	---	---	---	---	---	0.00	5.0e	4.5	2.4
7	0.00	---	---	---	---	---	---	---	0.00	5.0e	5.3	0.63
8	0.00	---	---	---	---	---	---	---	0.00	6.0e	5.0	0.00
9	0.00	---	---	---	---	---	---	---	0.00	7.0e	5.0	0.00
10	---	---	---	---	---	---	---	---	0.00	6.5	6.6	0.00
11	---	---	---	---	---	---	---	---	0.00	6.1	6.3	0.00
12	---	---	---	---	---	---	---	---	0.00	6.0e	6.3	0.00
13	---	---	---	---	---	---	---	---	0.00	6.0e	6.3	0.00
14	---	---	---	---	---	---	---	---	0.00	6.0e	6.3	0.00
15	---	---	---	---	---	---	---	---	0.00	6.0e	6.1	0.00
16	---	---	---	---	---	---	---	---	0.00	6.0e	5.0	0.00
17	---	---	---	---	---	---	---	---	0.00	5.7	4.8	0.00
18	---	---	---	---	---	---	---	---	0.00	6.6	5.1	---
19	---	---	---	---	---	---	---	---	0.00	6.3	4.8	---
20	---	---	---	---	---	---	---	---	0.00	6.4	4.1	---
21	---	---	---	---	---	---	---	---	0.00	6.3	3.4	---
22	---	---	---	---	---	---	---	---	0.00	6.1	3.4	---
23	---	---	---	---	---	---	---	---	0.00	6.1	4.4	---
24	---	---	---	---	---	---	---	---	0.00	6.0	5.0	---
25	---	---	---	---	---	---	---	---	0.00	6.0	4.7	---
26	---	---	---	---	---	---	---	---	0.00	6.0	4.4	---
27	---	---	---	---	---	---	---	---	2.9	6.0	4.1	---
28	---	---	---	---	---	---	---	0.00	7.8	5.0	3.9	---
29	---	---	---	---	---	---	---	0.00	7.5	4.0	4.0	---
30	---	---	---	---	---	---	---	0.00	7.2	4.0	4.6	---
31	---	---	---	---	---	---	---	0.00	---	3.3	4.6	---
TOTAL	0	0	0	0	0	0	0	0	25.4	162.9	151.5	20.63
MEAN	0.000	---	---	---	---	---	---	0.000	0.85	5.3	4.9	1.2
MAX	0.00	---	---	---	---	---	---	0.00	7.8	7.2	6.6	4.6
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	3.2	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	323	300	41
CAL YEAR 2008	MAX		6.3	MIN	0.000	AC-FT	798					
WTR YEAR 2009	MAX		7.8	MIN	0.000	AC-FT	715					

e indicates estimated discharge.

NIOBRARA RIVER BASIN

NIOBRARA RIVER near Nenzel, 06459025

LOCATION.--NW1/4NW1/4 Sec. 30-33-32 W., Cherry County, Lat. 42°48'17", Long. 101°07'23", near left bank about 50 feet upstream from centerline of Nebraska Spur 16F bridge, about 16 miles south of Nenzel.

DRAINAGE AREA.--Unknown.

GAGE.--Continuous stage recorder. Elevation of gage about 2,690 ft. above sea level from Cody SE 7.5' topographic map.

PERIOD OF RECORD.--July 2, 2008 - present

REMARKS.--Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,360 cubic feet per second June 14, gage height 3.83 feet; maximum gage height 4.39 feet January 7 due to backwater from ice conditions; minimum daily discharge 213 cubic feet per second estimated December 15.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	286	315	327	324e	392e	319e	390	440	348e	360	340e	313e
2	284	318	343	337e	384e	342e	401	443	349e	369	339e	316
3	282	323	348	350e	368e	357	426	445	350e	468	338e	336
4	283	319	321e	324e	380	363	488	439	350e	436	337e	330
5	288	332	326e	334e	383	373	426	428	352e	409	339e	330
6	294	394	309	347e	382	366	372	418	401	410	340	327
7	294	388	304	346e	387	366	372	414	414	374	419	353
8	289	344	308	360e	383	357	443	418	407	358	357	387
9	290	321	284e	372e	472	347e	552	402	406	353	336e	335
10	286	350	259	350e	443	332e	581	396	375	350e	356	316
11	292	352	258	372e	413	311e	563	392	379	374e	331e	311
12	382	357	246	363e	401	320e	539	391	395	349e	330e	312
13	390	364	223	371e	393	323e	495	388	496	347e	329e	311
14	348	373	217e	357e	386	337e	511	370	686	347e	334e	328
15	326	371	213e	349e	373	360e	514	359	484	346e	406	335
16	318	374	225e	354e	371	392	511	353	440	346e	437	331
17	308	368	259e	382e	376	400	527	351	415	351e	359	313
18	308	360	304e	395e	370	393	584	348	444	345e	331	315
19	311	355	287e	385e	346	392	589	342	422	345e	326e	317
20	311	355	276e	377e	365	401	569	340	396	344e	323e	311
21	311	345	261e	379e	324	397	538	340	377	344e	323e	324
22	315	351	281e	393e	322	394	504	340e	379	344e	322e	348
23	312	347	287e	349e	349	419	484	341e	375	342e	320e	353
24	313	348	280e	334e	339	462	474	342e	369	342e	319e	348
25	309	348	297e	343e	355	389	464	343e	367	342e	318e	348
26	307	346	328e	352e	337e	391	466	343e	376	342e	318e	342
27	298	349	318e	338e	327e	382	458	347e	387	341e	317e	336
28	307	337	310e	348e	321e	404	438	349e	373	351e	316e	329
29	310	351	328e	360e	---	405	434	346e	362	341e	316e	337
30	311	341	335e	358e	---	445	434	347e	368	341e	315e	332
31	313	---	327e	369e	---	419	---	347e	---	340e	314e	---
TOTAL	9576	10496	8989	11072	10442	11658	14547	11662	12042	11151	10505	9924
MEAN	308.8	349.8	290.0	357.2	372.9	376.1	484.9	376.1	401.4	359.7	338.9	330.8
MAX	390	394	348	395	472	462	589	445	686	468	437	387
MIN	282	315	213	324	321	311	372	340	348	340	314	311
AC-FT	18990	20820	17830	21960	20710	23120	28850	23130	23880	22120	20840	19680
CAL YEAR 2008	TOTAL		55177	MEAN	303.2	MAX	394.0	MIN	213.0	AC-FT	109400	
WTR YEAR 2009	TOTAL		132064	MEAN	361.8	MAX	686.0	MIN	213.0	AC-FT	261900	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

SNAKE RIVER at Doughboy, 06459175

LOCATION.--NE1/4NW1/4 Sec. 2-30-34 W., Cherry County, Lat. 42°36'51", Long. 101°16'38", on left bank 21 feet downstream from centerline of Doughboy bridge, 24 miles southwest of Nenzel.

DRAINAGE AREA.--Approximately 405 square miles, about 26 square miles of contributing drainage area.

GAGE.--Continuous stage recorder. Datum of gage is 3,095.92 ft. above National Geodetic Vertical Datum of 1929. Gage Datum was 3097.92 ft. from October 1, 1988 to May 17, 1994. Before October 1, 1988, gage datum was 3,098.92 ft.

PERIOD OF RECORD.--1981 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 469 cubic feet per second June 18, 2003, gage height 2.08 feet; maximum gage height 5.92 feet, present datum, January 7, 1982, due to backwater from ice; minimum daily discharge 79 cubic feet per second March 12, 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharge 360 cubic feet per second July 3, gage height 1.22 feet; maximum gage height 1.34 feet due to backwater from ice conditions; minimum daily discharge 123 cubic feet per second estimated January 4.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	160	166	153	135	155	160	174	198	151	145	159	158
2	163	167	159	136	151	175	178	197	146	146	158	158
3	162	171	159	133	149	180	189	198	142	281	160	159
4	162	171	151	123e	156	192	208	193	145	194	171	160
5	163	172	151	126e	160	196	161	186	150	165	191	159
6	164	182	152	133	167	184	153	185	162	155	191	159
7	161	169	157	148	164	178	165	182	162	151	179	163
8	161	165	161	150	167	178	182	181	158	152	178	182
9	162	167	152	152	192	177	231	172	156	152	179	174
10	157	167	152	138e	194	161	261	172	153	146	183	165
11	158	171	158	144	195	166	259	171	151	147	176	163
12	190	175	154	144	181	173	242	168	153	145	170	162
13	214	182	156	141	175	176	221	164	156	147	167	163
14	192	184	146e	142	163	178	224	158	186	145	166	164
15	177	172	137e	138e	169	177	204	157	169	143	190	166
16	171	174	136e	143	167	180	193	154	157	164	183	165
17	167	169	136e	149	175	177	202	155	156	163	179	166
18	166	164	140e	150	173	178	236	155	174	152	178	165
19	165	165	142e	153	169	175	265	157	173	152	195	165
20	164	160	130e	151	173	174	281	150	162	152	177	164
21	162	156	124e	153	161	178	238	150	154	157	169	165
22	161	155	131e	155	161	177	209	147	154	155	167	163
23	160	160	140e	152	167	184	198	156	153	153	165	173
24	163	159	134e	147	170	181	192	155	153	151	164	175
25	166	159	141e	150	178	169	186	156	149	150	162	176
26	162	160	133e	137	181	173	190	157	147	151	167	173
27	155	158	129e	147	170	175	193	148	153	154	165	169
28	161	155	126e	143e	162	186	190	154	149	179	163	160
29	164	156	131e	150	---	216	195	153	148	181	161	161
30	166	156	134	151	---	211	196	149	151	170	160	161
31	165	---	131	154	---	184	---	147	---	162	159	---
TOTAL	5164	4987	4436	4468	4745	5569	6216	5125	4673	4960	5332	4956
MEAN	166.6	166.3	143.1	144.1	169.5	179.6	207.2	165.3	155.8	159.9	172.1	165.1
MAX	214	184	161	155	195	216	281	198	186	281	195	182
MIN	155	155	124	123	149	160	153	147	142	143	158	158
AC-FT	10240	9892	8799	8862	9412	11050	12330	10170	9269	9838	10580	9830
CAL YEAR 2008	TOTAL		58855	MEAN	160.8	MAX	304.0	MIN	119.0	AC-FT	116700	
WTR YEAR 2009	TOTAL		60631	MEAN	166.1	MAX	281.0	MIN	123.0	AC-FT	120300	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

MERRITT RESERVOIR from Snake River, 06459300

LOCATION.--SW1/4NW1/4 Sec. 29-31-30 W.

GAGE.--Reference point

PERIOD OF RECORD.--1965 - present

REMARKS.--Values furnished by Ainsworth Irrigation District

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	2946.0	74,486
Top of dead storage	2875.0	1,614

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	46630	60300	60830	61100	61370	61370	61910	66730	66730	66730	56470	52280
2	47030	60560	60830	61370	61640	61370	61910	66730	66730	66730	56230	51410
3	47430	60830	60830	61370	61370	61370	62190	66730	66730	66730	55980	51190
4	47840	61100	60830	61100	61370	61370	62190	66730	66730	67020	55260	50760
5	48250	61100	60830	61100	61370	61370	62740	66730	66730	67310	54560	50550
6	48660	61100	60830	61100	61370	61370	63020	66730	66730	67310	53860	50550
7	49080	61100	60830	61100	61370	61370	63860	66730	66730	67020	53860	50340
8	49490	61100	61100	61100	61370	61370	63860	66730	67020	67020	54320	50130
9	49920	61100	61100	61100	61640	61370	64140	66730	67020	66730	55030	49700
10	50130	61100	61100	61100	61910	61370	64430	66440	67020	66150	55500	49490
11	50550	61100	61100	61100	62190	61100	65000	66440	67020	65860	56230	49490
12	51190	61100	61100	61370	62190	61100	65570	66440	67020	65860	56230	49490
13	51840	61100	61100	61370	62190	61100	66150	66440	67020	65570	55980	49490
14	52500	61100	61100	61370	62190	61100	66440	66440	67600	65280	55260	49490
15	52950	61100	60830	61100	62190	61100	66440	66440	67600	65000	54790	49490
16	53400	61100	60560	61100	61910	61100	66730	66440	67600	65000	55260	49080
17	53860	61100	60560	61100	61910	61100	66730	66440	67310	65000	55500	48870
18	54320	61100	60560	61100	61640	61100	66730	66440	67310	64710	55740	48870
19	54790	60830	60560	61100	61640	61100	67020	66440	67310	64140	56230	48660
20	55030	61100	60830	61100	61640	61100	67310	66440	67310	63860	56470	48660
21	55500	61100	60830	61100	61370	61100	67020	66440	67310	63020	56720	48660
22	55740	61100	60830	61100	61370	61100	67020	66730	67020	62190	56720	48870
23	56470	61100	60830	61100	61370	61100	67020	66730	67020	61640	56960	49080
24	56960	61100	60830	60830	61370	61100	66730	67020	66730	60830	56720	49490
25	57210	61100	60830	60830	61370	61100	66730	67020	66730	59770	56470	49920
26	57710	61100	60830	60830	61370	61370	66730	67310	66730	59250	55740	50340
27	58220	61100	60830	60830	61370	61370	66730	67020	66730	58220	55030	50760
28	58730	61100	60830	60830	61370	61370	66730	67020	66730	57710	54320	51190
29	59250	61100	60830	61100	---	61370	66730	67020	66730	56960	53860	51620
30	59510	60830	61100	61100	---	61370	66730	66730	66730	56960	53400	52060
31	59770	---	61100	61370	---	61640	---	66730	---	56720	52720	---
MEAN	53220	61030	60870	61110	61620	61250	65420	66680	66990	63620	55400	50000
MAX	59770	61100	61100	61370	62190	61640	67310	67310	67600	67310	56960	52280
MIN	46630	60300	60560	60830	61370	61100	61910	66440	66730	56720	52720	48660
CAL YEAR 2008	MEAN	58350	MAX	61100	MIN	46630						
WTR YEAR 2009	MEAN	60590	MAX	67600	MIN	46630						

NIOBRARA RIVER BASIN

AINSWORTH CANAL from Merritt Reservoir, 00001000

LOCATION.--NW1/4NE1/4 Sec. 29-31-30 W. near Valentine

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1965 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	60	77	349	493
2	---	---	---	---	---	---	---	0.00	60	100	395	524
3	---	---	---	---	---	---	---	0.00	60	102	517	509
4	---	---	---	---	---	---	---	0.00	60	96	624	406
5	---	---	---	---	---	---	---	0.00	60	118	618	265
6	---	---	---	---	---	---	---	0.00	60	171	490	265
7	---	---	---	---	---	---	---	0.00	60	232	7.8	337
8	---	---	---	---	---	---	---	0.00	57	294	7.5	424
9	---	---	---	---	---	---	---	0.00	50	330	7.5	418
10	---	---	---	---	---	---	---	11	50	342	7.5	307
11	---	---	---	---	---	---	---	127	50	337	86	265
12	---	---	---	---	---	---	---	101	50	332	283	195
13	---	---	---	---	---	---	---	97	50	359	527	237
14	---	---	---	---	---	---	---	70	50	264	601	291
15	---	---	---	---	---	---	---	79	50	213	169	334
16	---	---	---	---	---	---	---	87	40	241	101	375
17	---	---	---	---	---	---	---	87	32	279	116	364
18	---	---	---	---	---	---	---	99	55	346	131	299
19	---	---	---	---	---	---	---	124	50	382	98	211
20	---	---	---	---	---	---	---	127	50	472	81	209
21	---	---	---	---	---	---	---	90	50	518	114	144
22	---	---	---	---	---	---	---	75	50	542	150	96
23	---	---	---	---	---	---	---	75	50	562	226	83
24	---	---	---	---	---	---	---	75	50	577	356	77
25	---	---	---	---	---	---	---	75	50	549	481	37
26	---	---	---	---	---	---	---	75	51	569	581	0.95
27	---	---	---	---	---	---	---	73	51	615	617	1.9
28	---	---	---	---	---	---	---	60	50	611	572	2.4
29	---	---	---	---	---	---	---	60	55	403	465	0.00
30	---	---	---	---	---	---	---	60	60	296	475	0.00
31	---	---	---	---	---	---	---	60	---	313	504	---
TOTAL	0	0	0	0	0	0	0	1787	1571	10642	9757.3	7170.25
MEAN	---	---	---	---	---	---	---	57.6	52.5	343.3	314.7	239.0
MAX	---	---	---	---	---	---	---	127	60	615	624	524
MIN	---	---	---	---	---	---	---	0.00	32	77	7.5	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3544	3116	21110	19350	14220
CAL YEAR 2008	MAX	578.0	MIN	0.000	AC-FT	62630						
WTR YEAR 2009	MAX	624.0	MIN	0.000	AC-FT	61340						

NIOBRARA RIVER BASIN

SNAKE RIVER near Burge, 06459500

LOCATION.--NE1/4 Sec. 20, T. 31N, R. 30 W., Cherry County, Lat. 42° 39' 15", Long. 100° 51' 28", at right bank 150 ft. downstream from Nebraska National Forest boundary, 2.1 miles downstream from Merritt Dam, 6.5 miles southwest of Burge, and 22 miles southwest of Valentine.

DRAINAGE AREA.--Approximately 660 square miles, of which 44 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder, datum of gage is 2,805.36 ft. above sea level (levels by U. S. Bureau of Reclamation).

PERIOD OF RECORD.--June 1947 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Record are good. Natural flow affected since February 1964 by storage in Merritt Reservoir (station 06459300) 2.1 miles upstream.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,170 cubic feet per second February 7, 1963, gage height 6.96 feet from release of storage behind a temporary construction dike. Determined from extending rating curve above 520 cubic feet per second on basis of slope-area measurement at gage height 5.39 feet. Minimum daily discharge 5.8 cubic feet per second May 24-27, 1964.

EXTREMES FOR CURRENT YEAR.--Peak discharge 382 cubic feet per second April 20, gage height 2.49 feet; minimum daily discharge 12 cubic feet per second September 30.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	80	232	219	267	271	242	305	191	178	14	14
2	15	81	220	232	266	270	201	311	164	154	15	14
3	14	118	219	242	266	308	185	315	149	160	15	14
4	14	202	219	242	265	343	185	324	148	189	15	14
5	15	229	217	250	264	316	184	317	149	178	15	14
6	15	247	219	261	264	265	182	320	157	128	15	14
7	15	258	219	261	263	265	181	320	162	86	15	14
8	14	257	219	259	263	264	179	324	198	77	15	14
9	14	257	219	244	263	263	178	324	237	67	15	14
10	15	256	219	237	262	262	176	265	238	59	15	14
11	15	256	236	250	306	262	178	162	235	62	15	14
12	18	255	248	262	331	261	178	172	233	61	15	14
13	17	255	248	263	335	260	214	157	237	60	15	14
14	17	254	251	263	334	259	244	168	300	60	16	13
15	18	254	241	265	336	259	264	163	317	60	16	14
16	19	253	223	264	335	259	295	159	308	60	15	14
17	19	253	223	263	334	259	348	164	306	59	15	14
18	19	252	223	264	337	260	375	106	301	58	15	14
19	20	236	223	264	335	260	390	70	296	58	15	14
20	20	225	223	264	335	259	368	65	290	58	15	14
21	21	224	223	264	299	260	350	60	279	58	14	13
22	21	223	223	263	271	260	355	65	270	58	14	13
23	23	223	223	265	271	261	355	104	263	58	14	14
24	23	242	222	252	270	265	349	131	262	58	14	14
25	23	254	221	240	270	264	301	195	253	58	14	13
26	23	254	221	241	269	264	281	271	238	58	14	13
27	24	253	221	241	270	263	287	275	226	59	14	13
28	24	253	221	241	270	263	300	260	222	60	14	14
29	55	252	219	241	---	263	301	248	214	44	14	13
30	78	252	218	240	---	264	298	216	205	13	14	12
31	79	---	219	255	---	264	---	200	---	14	14	---
TOTAL	721	6908	6972	7812	8151	8316	7924	6536	7048	2410	455	411
MEAN	23.1	230.3	224.8	252.0	291.1	268.2	264.1	210.8	234.9	77.8	14.7	13.7
MAX	79	258	251	265	337	343	390	324	317	189	16	14
MIN	14	80	217	219	262	259	176	60	148	13	14	12
AC-FT	1430	13700	13830	15490	16170	16490	15720	12960	13980	4780	902	815
CAL YEAR 2008	TOTAL		60699	MEAN	165.8	MAX	379.0	MIN	13.0	AC-FT	120400	
WTR YEAR 2009	TOTAL		63664	MEAN	174.4	MAX	390.0	MIN	12.0	AC-FT	126300	

NIOBRARA RIVER BASIN

KEYA PAHA RIVER near Naper, 06464900

LOCATION.--SE1/4SE1/4 Sec. 17-34-15 W., Boyd County, Lat. 42°55'00", Long. 99°05'50", on left upstream bank near highway bridge abutment, 3.3 miles south of Naper, and 8.8 miles upstream from mouth.

DRAINAGE AREA.--1,690 square miles (as revised in 1994 by U. S. Geological Survey).

GAGE.--Continuous stage recorder. Datum of gage is 1,680 feet above sea level, from topographic map. Non-recording gage at same site and datum before May 2, 1958.

PERIOD OF RECORD.--1957 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,280 cubic feet per second July 1, 1962, gage height 10.91 feet; maximum gage height 13.34 feet March 23, 1960, due to backwater from ice jam; no flow July 22-30, August 10, 11, 1976, August 3, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 963 cubic feet per second April 20, gage height 7.09 feet; maximum gage height 10.45 feet March 8 due to backwater from ice conditions; minimum daily discharge 44 cubic feet per second estimated December 6.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	61	122	114e	75e	114e	147e	230	259	152	125	73	60
2	62	118	120e	77e	108e	170e	216	257	138	110	69	58
3	65	116	109e	76e	110e	201e	355	244	124	109	65	62
4	62	113	106e	67e	112e	287e	568	234	119	110	263	64
5	60	110	54e	83e	122e	248e	580	225	114	123	156	64
6	71	118	44e	64e	146e	302e	402	219	129	150	240	62
7	80	123	96e	57e	142e	287e	365	225	145	131	378	60
8	77	121	78e	57e	138e	426e	542	250	160	113	238	58
9	73	106	70e	73e	151e	229e	838	244	175	100	169	57
10	72	99	80e	92e	150e	217e	834	230	179	87	133	55
11	74	112	101e	102e	139e	173e	748	219	178	82	114	56
12	111	118	76e	96e	157e	194e	796	214	178	89	100	57
13	149	134	95e	90e	132e	218e	861	206	174	94	88	56
14	153	148	72e	93e	150e	285e	832	197	178	123	77	55
15	146	165	76e	72e	154e	574	760	189	209	117	122	54
16	141	176	101e	94e	135e	373	676	177	226	149	123	54
17	131	180	88e	114e	148e	297	592	163	227	160	121	56
18	118	185	103e	122e	152e	250	585	151	380	126	114	55
19	107	191	89e	130e	133e	240	802	150	282	112	121	53
20	100	189	93e	114e	157e	234	871	135	290	103	129	51
21	112	172	81e	134e	141e	247	679	177	252	100	124	57
22	184	160	84e	119e	158e	236	550	151	244	93	115	63
23	302	180	70e	120e	145e	258	461	167	241	88	102	63
24	281	172	93e	132e	187e	290	430	198	202	82	89	64
25	246	166	101e	130e	167e	226	372	204	213	77	81	67
26	212	153	77e	88e	163e	256	367	311	203	71	75	66
27	172	140e	91e	96e	149e	273	377	412	227	67	71	67
28	148	135e	103e	100e	143e	257	313	310	210	67	69	69
29	136	130e	111e	138e	---	256	290	241	171	71	65	69
30	132	126e	88e	129e	---	301	268	201	149	77	64	67
31	128	---	63e	129e	---	317	---	177	---	75	64	---
TOTAL	3966	4278	2727	3063	4003	8269	16560	6737	5869	3181	3812	1799
MEAN	128.0	142.7	88.0	98.8	143.0	266.8	552.1	217.2	195.6	102.5	123.0	60.0
MAX	302	191	120	138	187	574	871	412	380	160	378	69
MIN	60	99	44	57	108	147	216	135	114	67	64	51
AC-FT	7866	8485	5409	6075	7940	16400	32850	13360	11640	6309	7561	3568
CAL YEAR 2008 TOTAL			69354	MEAN	189.5	MAX	3050	MIN	36.0	AC-FT	137600	
WTR YEAR 2009 TOTAL			64264	MEAN	176.1	MAX	871.0	MIN	44.0	AC-FT	127500	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River, 00052000

LOCATION.--SW1/4NW1/4 Sec. 11-26-65 W., Wyo.

GAGE.--Continuous stage recorder and parshall flume

PERIOD OF RECORD.--1918 - 1928, 1933 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	422	0.00	915	1400	1390
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	705	0.00	949	1400	1390
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	762	0.00	949	1440	1390
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	755	0.00	1010	1450	1390
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	698	0.00	1080	1450	1420
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	0.00	1120	1450	1420
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	755	0.00	1200	1450	1420
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	818	0.00	1200	1450	1380
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	846	0.00	1250	1440	1350
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	843	0.00	1280	1450	1320
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	841	0.00	1320	1450	1300
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	864	0.00	1340	1450	1300
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957	0.00	1340	1450	1300
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	954	0.00	1350	1450	1290
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	962	0.00	1390	1450	1070
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999	0.00	1400	1460	668
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1020	0.00	1440	1460	134
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1030	0.00	1450	1470	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1110	0.00	1450	1470	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1170	331	1450	1480	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	595	1450	1490	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1220	702	1450	1500	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	654	1450	1500	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1170	585	1450	1500	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1170	589	1450	1490	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1120	576	1450	1450	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1020	567	1450	1450	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	991	567	1440	1410	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	994	642	1400	1400	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	721	828	1400	1400	0.00
31	0.00	---	0.00	0.00	---	0.00	---	267	---	1400	1400	---
TOTAL	0	0	0	0	0	0	0	28284	6636	40673	44960	20932
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	912.3	221.2	1312	1450	697.5
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1220	828	1450	1500	1420
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	267	0.00	915	1400	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56100	13160	80670	89180	41520
CAL YEAR 2008	TOTAL	140858	MEAN	574.9	MAX	1500	MIN	0.000	AC-FT	279400		
WTR YEAR 2009	TOTAL	141485	MEAN	387.6	MAX	1500	MIN	0.000	AC-FT	280600		

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River @ Mile Post 85.3, 00052200

LOCATION.--NE1/4NE1/4 Sec. 10-21-60 W. near Wyo. - Neb. State line

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1981 - present

REMARKS.--Values furnished by the U.S. Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268	299	603	608
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161	396	601	603
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	416	592	605
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96	0.00	453	594	603
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	461	0.00	489	588	599
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	398	0.00	527	590	601
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	341	0.00	546	590	601
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335	0.00	590	588	603
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	370	0.00	596	590	601
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	370	0.00	601	588	594
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	353	0.00	612	590	561
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	377	0.00	603	590	542
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	414	0.00	599	588	538
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	417	0.00	599	592	531
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	410	0.00	601	594	510
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	406	0.00	599	592	459
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	404	0.00	596	594	334
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400	0.00	599	592	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	402	0.00	594	590	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	406	0.00	594	590	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	449	0.00	603	594	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	451	0.00	605	601	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	465	76	603	608	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	457	400	603	605	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	461	363	608	608	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	467	312	605	612	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	469	293	608	605	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	457	278	610	610	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	417	263	605	608	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	406	267	599	605	0.00
31	0.00	---	0.00	0.00	---	0.00	---	385	---	599	612	---
TOTAL	0	0	0	0	0	0	0	11244	2681	17557	18504	9493
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	362.7	89.4	566.4	596.9	316.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	469	400	612	612	608
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	299	588	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22300	5318	34820	36700	18830
CAL YEAR 2008	TOTAL		57528	MEAN	234.8	MAX	623.0	MIN	0.000	AC-FT	114100	
WTR YEAR 2009	TOTAL		59479	MEAN	163.0	MAX	612.0	MIN	0.000	AC-FT	118000	

NORTH PLATTE RIVER BASIN

INTERSTATE CANAL from North Platte River, 00071000

LOCATION.--SW1/4 Sec. 12-26-65 W., Wyo.

GAGE.--Continuous stage recorder and concrete siphon

PERIOD OF RECORD.--1915 - present

REMARKS.--Values furnished by the U.S. Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	942	0.00	79	1490	1600
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	952	0.00	938	1490	1600
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	962	0.00	1000	1490	1610
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	962	0.00	1000	1500	1610
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	960	0.00	1040	1560	1610
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	955	0.00	1250	1590	1610
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957	0.00	1520	1590	1600
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957	0.00	1600	1590	1600
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	972	0.00	1610	1590	1600
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	960	0.00	1700	1590	1600
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	960	0.00	1710	1590	1600
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	964	0.00	1700	1590	1600
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	962	0.00	1700	1590	1600
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	972	0.00	1700	1590	1600
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1020	0.00	1650	1590	1300
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	0.00	1600	1590	618
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1260	0.00	1600	1590	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1260	0.00	1600	1580	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1290	0.00	1600	1590	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	579	1360	0.00	1600	1600	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	904	1360	0.00	1600	1600	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	960	1360	0.00	1600	1600	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	982	1360	0.00	1600	1590	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	987	1360	0.00	1600	1600	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	987	1360	0.00	1590	1600	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	1000	1360	0.00	1590	1590	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	1000	1360	0.00	1600	1600	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	994	1350	0.00	1590	1600	0.00
29	0.00	0.00	0.00	0.00	---	0.00	962	1310	0.00	1560	1590	0.00
30	0.00	0.00	0.00	0.00	---	0.00	961	969	0.00	1490	1600	0.00
31	0.00	---	0.00	0.00	---	0.00	---	195	---	1490	1600	---
TOTAL	0	0	0	0	0	0	10316	34171	0	45507	48950	24358
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	344.0	1102	0.000	1468	1579	811.6
MAX	0.00	0.00	0.00	0.00	0.00	0.00	1000	1360	0.00	1710	1600	1610
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195	0.00	79	1490	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	20460	67780	0.00	90260	97090	48310
CAL YEAR 2008	TOTAL	177701	MEAN	646.2	MAX	1820	MIN	0.000	AC-FT	352500		
WTR YEAR 2009	TOTAL	163302	MEAN	447.4	MAX	1710	MIN	0.000	AC-FT	323900		

LAKE ALICE RESERVOIR from North Platte, 00400300

LOCATION.--Sec. 8 & 15-23-54 W. near Scottsbluff

GAGE.--Reference point

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4192.0	11,100
Top of dead storage pool	4159.0	0

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	631	446	392	392	392	392	392	3857	5058	4392	6717	2248
2	643	446	392	392	392	392	392	4214	5396	4329	6625	2106
3	646	434	392	392	392	392	392	4562	5490	4294	6519	2165
4	625	434	392	392	392	392	392	4943	5490	4871	6323	2051
5	623	484	392	392	392	392	392	5322	5465	5584	6017	1953
6	646	449	392	392	392	392	392	5515	5415	5895	5729	1852
7	655	415	392	392	392	392	392	5666	5396	6095	5496	1848
8	620	397	392	392	392	392	392	5767	5347	6368	5322	1800
9	620	388	392	392	392	392	392	5882	5322	6671	5205	1753
10	588	385	392	392	392	392	392	6043	5309	6863	5168	1766
11	580	394	392	392	392	392	392	6303	5260	7037	5028	1783
12	603	392	392	392	392	392	392	6362	5211	7171	4793	1783
13	588	392	392	392	392	392	392	6362	5180	7225	4638	1958
14	594	392	392	392	392	392	392	6251	5143	7332	4462	2042
15	569	392	392	392	392	392	392	6069	5107	7447	4242	2083
16	600	392	392	392	392	392	392	5812	5052	7651	4060	1865
17	591	392	392	392	392	392	392	5640	5022	7672	3919	1766
18	591	392	392	392	392	392	392	5596	4973	7719	3779	1935
19	572	392	392	392	392	392	392	5502	4913	7719	3620	1865
20	539	392	392	392	392	392	392	5322	4865	7685	3473	1800
21	550	392	392	392	392	392	392	5266	4817	7583	3243	1206
22	534	392	392	392	392	392	392	5131	4769	7610	3075	1037
23	518	392	392	392	392	392	1334	4985	4733	7501	3070	1103
24	520	392	392	392	392	392	989	4895	4692	7299	2804	1081
25	510	392	392	392	392	392	1466	4817	4644	7204	2655	1040
26	494	392	392	392	392	392	1927	4823	4615	7077	2432	1063
27	492	392	392	392	392	392	2346	4865	4556	7010	2323	1063
28	484	392	392	392	392	392	2744	4937	4503	6990	2197	989
29	476	392	392	392	---	392	3149	4991	4451	6917	2170	996
30	469	392	392	392	---	392	3511	5028	4404	6997	2262	960
31	464	---	392	392	---	392	---	5028	---	6810	2147	---
MEAN	569	404	392	392	392	392	870	5347	5020	6743	4178	1632
MAX	655	484	392	392	392	392	3511	6362	5490	7719	6717	2248
MIN	464	385	392	392	392	392	392	3857	4404	4294	2147	960
CAL YEAR 2008	MEAN	2112	MAX	7863	MIN	25						
WTR YEAR 2009	MEAN	2211	MAX	7719	MIN	385						

NORTH PLATTE RIVER BASIN

LITTLE LAKE ALICE RESERVOIR from North Platte River, 00405200

LOCATION.-- Sec.15 & 16-23-54 w.

GAGE.--Slope gage

PERIOD OF RECORD.--1992 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (FEET)	CONTENT (Acre-feet)
Top of conservation pool	4140	1605
Top of dead storage pool	4127	0

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	42	35	35	35	35	35	35	362	353	339	408	396
2	42	35	35	35	35	35	35	360	342	338	408	393
3	42	35	35	35	35	35	35	362	339	336	408	393
4	42	35	35	35	35	35	35	365	336	335	408	391
5	40	35	35	35	35	35	35	366	336	408	406	390
6	37	35	35	35	35	35	35	360	336	443	409	390
7	38	35	35	35	35	35	35	354	337	456	404	392
8	38	35	35	35	35	35	35	355	335	455	404	391
9	43	35	35	35	35	35	35	358	341	453	402	393
10	36	35	35	35	35	35	35	359	349	455	402	391
11	37	35	35	35	35	35	35	364	345	463	399	390
12	39	35	35	35	35	35	35	365	342	457	398	393
13	37	35	35	35	35	35	35	366	341	448	398	393
14	47	35	35	35	35	35	35	365	342	432	397	394
15	47	35	35	35	35	35	35	350	341	430	394	408
16	51	35	35	35	35	35	35	350	338	416	393	388
17	56	35	35	35	35	35	35	346	346	414	392	376
18	63	35	35	35	35	35	35	345	344	411	391	330
19	66	35	35	35	35	35	35	344	341	410	394	315
20	35	35	35	35	35	35	35	346	339	410	398	307
21	35	35	35	35	35	35	35	343	339	411	398	354
22	35	35	35	35	35	35	35	344	337	409	398	235
23	35	35	35	35	35	35	58	341	341	411	399	182
24	35	35	35	35	35	35	270	345	338	414	394	171
25	35	35	35	35	35	35	299	338	337	416	391	166
26	35	35	35	35	35	35	326	337	338	416	390	164
27	35	35	35	35	35	35	337	338	336	415	388	160
28	35	35	35	35	35	35	347	341	334	412	385	160
29	35	35	35	35	---	35	354	339	333	410	388	160
30	35	35	35	35	---	35	357	341	338	412	393	161
31	35	---	35	35	---	35	---	343	---	411	397	---
MEAN	41	35	35	35	35	35	104	351	340	414	398	318
MAX	66	35	35	35	35	35	357	366	353	463	409	408
MIN	35	35	35	35	35	35	35	337	333	335	385	160
CAL YEAR 2008	MEAN	37	MAX	66	MIN	35						
WTR YEAR 2009	MEAN	179	MAX	463	MIN	35						

LAKE MINATARE RESERVOIR from North Platte, 00406300

LOCATION.--Sec. 32-23-53 W. near Scottsbluff

GAGE.--Staff gage

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4125.0	60,770
Top of dead storage pool	4075.0	300

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37840	36960	36340	35800	35460	35080	34510	39730	54150	53800	45210	34140
2	37820	36940	36340	35780	35450	35060	34490	40470	54090	53760	44900	33810
3	37780	36910	36310	35760	35430	35060	34510	41200	54030	53690	44560	33510
4	37760	36890	36270	35740	35430	35040	34610	41910	54010	53650	44210	33180
5	37730	36890	36250	35730	35410	35010	34570	42770	53970	53530	43830	32840
6	37690	36870	36240	35730	35410	35010	34540	43530	53920	53530	43450	32530
7	37660	36840	36240	35710	35390	34970	34520	44400	53940	53470	43070	32230
8	37620	36820	36250	35690	35390	34960	34510	45290	53940	53470	42690	31940
9	37590	36780	36200	35670	35390	34920	34470	46130	53900	53380	42320	31670
10	37510	36770	36180	35660	35380	34900	34450	47070	54010	53260	41950	31420
11	37500	36770	36170	35660	35360	34870	34440	47960	54010	53280	41550	31210
12	37530	36750	36150	35620	35340	34850	34440	48900	53970	52990	41150	31060
13	37480	36730	36200	35620	35340	34840	34420	49560	53920	52740	40760	30870
14	37500	36710	36200	35620	35320	34840	34400	50060	53940	52450	40360	30820
15	37430	36700	36240	35600	35310	34800	34400	50530	53920	52080	39990	30860
16	37410	36680	36080	35600	35310	34780	34470	50850	53840	51730	39570	31120
17	37390	36680	36030	35590	35290	34780	34660	51200	54050	51390	39130	31660
18	37370	36680	36030	35590	35270	34780	34700	51510	53990	51000	38720	32140
19	37340	36590	36010	35530	35250	34750	34680	51710	53970	50570	38320	32400
20	37300	36550	36040	35520	35220	34730	34660	51920	53920	50100	37930	32670
21	37280	36540	35950	35520	35200	34710	34640	52060	53860	49700	37590	32970
22	37250	36540	35950	35500	35180	34710	34640	52310	53820	49240	37280	33270
23	37180	36500	35940	35480	35170	34770	34640	52490	54010	48780	36980	33320
24	37140	36480	35920	35500	35170	34700	34780	52720	53990	48300	36730	33400
25	37120	36470	35920	35530	35150	34680	35340	52890	53920	47820	36450	33370
26	37070	36470	35880	35530	35110	34660	36030	52990	53900	47380	36150	33370
27	37030	36430	35870	35530	35110	34630	36710	53130	53820	46990	35850	33330
28	37030	36410	35850	35520	35080	34610	37430	53320	53760	46590	35520	33280
29	37020	36400	35850	35500	---	34610	38230	53470	53690	46200	35180	33270
30	36980	36360	35810	35500	---	34630	38970	53630	53760	45850	34870	33250
31	36980	---	35800	35480	---	34510	---	53940	---	45520	34440	---
MEAN	37400	36670	36080	35610	35300	34810	35060	49020	53930	50850	39700	32500
MAX	37840	36960	36340	35800	35460	35080	38970	53940	54150	53800	45210	34140
MIN	36980	36360	35800	35480	35080	34510	34400	39730	53690	45520	34440	30820
CAL YEAR 2008	MEAN	36720	MAX	37840	MIN	35800						
WTR YEAR 2009	MEAN	39780	MAX	54150	MIN	30820						

NORTH PLATTE RIVER BASIN

WINTERS CREEK RESERVOIR, 00412000

LOCATION.--Sec. 13 &24-23-54 W.

GAGE.--Reference point

PERIOD OF RECORD.--1992 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4130	3474
Top of dead storage pool		

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	624	594	532	449	391	391	392	391	1191	1159	982	740
2	624	594	530	447	391	391	391	391	1184	1159	975	732
3	626	590	527	442	392	391	391	391	1181	1159	968	726
4	624	588	525	439	391	391	391	391	1184	1159	961	718
5	622	581	522	438	391	391	391	411	1184	1159	955	710
6	620	587	520	434	391	392	392	459	1184	1157	946	910
7	620	585	518	431	391	392	391	506	1186	1157	939	696
8	620	585	516	430	391	391	391	555	1189	1157	932	732
9	618	583	513	427	391	391	391	611	1186	1157	926	730
10	615	581	511	423	392	391	391	670	1196	1157	917	728
11	618	579	508	420	391	392	391	728	1196	1157	908	726
12	622	576	506	419	391	392	391	785	1196	1157	902	724
13	622	576	504	414	391	392	391	837	1191	1131	895	722
14	622	572	501	412	391	391	391	888	1194	1131	884	720
15	622	570	499	411	392	391	391	939	1191	1131	878	718
16	620	568	494	411	391	391	391	991	1186	1131	871	744
17	622	566	494	406	391	391	391	1048	1203	1131	865	744
18	620	563	490	405	392	391	391	1104	1208	1131	858	744
19	620	561	487	402	391	391	391	1157	1203	1131	852	744
20	618	565	485	399	391	391	391	1208	1198	1131	843	744
21	617	557	480	396	391	391	391	1246	1191	1131	822	744
22	611	554	479	394	391	391	391	1233	1186	1131	814	744
23	611	552	477	392	391	392	391	1223	1203	1131	805	744
24	609	550	474	391	391	391	391	1218	1198	1048	797	744
25	605	548	470	392	391	391	391	1211	1194	1043	791	781
26	603	545	467	392	392	391	391	1198	1189	1039	783	781
27	600	543	464	389	391	392	391	1189	1179	1034	774	781
28	600	541	460	431	392	391	391	1186	1174	1029	766	781
29	598	536	459	457	---	391	391	1176	1169	1002	762	781
30	596	534	454	391	---	392	391	1169	1159	995	756	781
31	596	---	452	391	---	392	---	1186	---	988	748	---
MEAN	615	567	494	415	391	391	391	893	1189	1113	867	747
MAX	626	594	532	457	392	392	392	1246	1208	1159	982	910
MIN	596	534	452	389	391	391	391	391	1159	988	748	696
CAL YEAR 2008	MEAN	559	MAX	626	MIN	452						
WTR YEAR 2009	MEAN	675	MAX	1246	MIN	389						

NORTH PLATTE RIVER BASIN

MITCHELL & GERING CANAL from North Platte River, 00101100

LOCATION.--SW1/4NE1/4 Sec. 10-23-60 W. near Henry

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1916 - present

REMARKS.--Values shown here are the total headgate diversions for Mitchell and Gering District lands.
 Values published before 1985 for this diversion site did not include the delivery and carriage losses charged to the Gering Irrigation District.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.82	---	---	---	---	---	0.00	0.00	195	165	315	276
2	0.82	---	---	---	---	---	0.00	0.00	194	166	313	275
3	0.82	---	---	---	---	---	0.00	0.00	186	168	316	262
4	0.82	---	---	---	---	---	0.00	0.00	180	166	315	262
5	0.82	---	---	---	---	---	0.00	0.00	190	163	315	262
6	0.82	---	---	---	---	---	0.00	0.00	192	199	316	262
7	0.82	---	---	---	---	---	0.00	0.00	194	226	316	264
8	0.82	---	---	---	---	---	0.00	0.00	195	262	317	137
9	0.82	---	---	---	---	---	0.00	0.00	195	286	316	133
10	0.82	---	---	---	---	---	0.00	0.00	176	287	315	122
11	0.82	---	---	---	---	---	0.00	0.00	166	286	316	118
12	0.82	---	---	---	---	---	0.00	107	164	309	316	118
13	0.82	---	---	---	---	0.00	0.00	149	164	319	316	118
14	0.82	---	---	---	---	0.00	0.00	149	164	320	315	118
15	---	---	---	---	---	0.00	0.00	149	125	320	297	82
16	---	---	---	---	---	0.00	0.00	150	101	320	295	0.00
17	---	---	---	---	---	0.00	0.00	150	101	322	297	0.00
18	---	---	---	---	---	0.00	0.00	153	101	321	297	0.00
19	---	---	---	---	---	0.00	0.00	183	100	324	297	0.00
20	---	---	---	---	---	0.00	0.00	202	100	342	296	0.00
21	---	---	---	---	---	0.00	0.00	207	101	343	297	0.00
22	---	---	---	---	---	0.00	0.00	230	100	340	298	0.00
23	---	---	---	---	---	0.00	0.00	235	98	341	296	0.00
24	---	---	---	---	---	0.00	0.00	236	98	342	296	0.00
25	---	---	---	---	---	0.00	0.00	233	99	341	297	0.00
26	---	---	---	---	---	0.00	0.00	234	99	342	296	0.00
27	---	---	---	---	---	0.00	0.00	220	96	342	294	0.00
28	---	---	---	---	---	0.00	0.00	195	128	340	292	0.00
29	---	---	---	---	---	0.00	0.00	194	166	341	277	0.00
30	---	---	---	---	---	0.00	0.00	195	166	340	278	0.00
31	---	---	---	---	---	0.00	---	196	---	330	276	---
TOTAL	11.48	0	0	0	0	0	0	3767	4334	9013	9393	2809
MEAN	0.82	---	---	---	---	0.000	0.000	121.6	144.5	290.7	303.1	93.6
MAX	0.82	---	---	---	---	0.00	0.00	236	195	343	317	276
MIN	0.82	---	---	---	---	0.00	0.00	0.00	96	163	276	0.00
AC-FT	23	0.00	0.00	0.00	0.00	0.00	0.00	7472	8596	17880	18630	5572
CAL YEAR 2008	MAX	339.0	MIN	0.000	AC-FT	59540						
WTR YEAR 2009	MAX	343.0	MIN	0.000	AC-FT	58170						

NORTH PLATTE RIVER BASIN

GERING CANAL from North Platte River via Mitchell and Gering Canal, 00056000

LOCATION.--SW1/4NE1/4 Sec. 29-22-55 W. near Gering

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1916 - present

REMARKS.--Values published before 1985 were adjusted to include carriage losses between the Mitchell & Gering canal and Gering canal flumes.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	---	---	---	---	---	0.00	107	116	178	157
2	0.00	0.00	---	---	---	---	---	0.00	103	121	176	156
3	0.00	0.00	---	---	---	---	---	0.00	99	120	171	154
4	0.00	0.00	---	---	---	---	---	0.00	102	120	174	150
5	0.00	0.00	---	---	---	---	---	0.00	104	121	180	146
6	0.00	0.00	---	---	---	---	---	0.00	110	134	175	142
7	0.00	0.00	---	---	---	---	---	0.00	115	174	172	140
8	0.00	0.00	---	---	---	---	---	0.00	119	172	171	151
9	0.00	0.00	---	---	---	---	---	0.00	118	161	179	157
10	0.00	0.00	---	---	---	---	---	0.00	143	161	170	151
11	0.00	0.00	---	---	---	---	---	0.00	66	179	173	128
12	0.00	0.00	---	---	---	---	---	0.00	38	177	176	126
13	0.00	0.00	---	---	---	---	---	0.00	45	185	173	128
14	0.00	0.00	---	---	---	---	---	83	121	172	169	131
15	0.00	0.00	---	---	---	---	0.00	105	73	179	181	119
16	0.00	0.00	---	---	---	---	0.00	109	20	173	191	74
17	0.00	0.00	---	---	---	---	0.00	110	47	168	191	67
18	0.00	0.00	---	---	---	---	0.00	96	101	170	185	28
19	0.00	0.00	---	---	---	---	0.00	97	59	169	181	0.00
20	0.00	0.00	---	---	---	---	0.00	96	57	173	179	0.00
21	0.00	0.00	---	---	---	---	0.00	93	58	175	177	0.00
22	0.00	---	---	---	---	---	0.00	104	57	175	176	0.00
23	0.00	---	---	---	---	---	0.00	99	66	173	176	0.00
24	0.00	---	---	---	---	---	0.00	100	27	176	176	0.00
25	0.00	---	---	---	---	---	0.00	104	61	180	173	0.00
26	0.00	---	---	---	---	---	0.00	100	66	181	171	0.00
27	0.00	---	---	---	---	---	0.00	99	64	180	170	0.00
28	0.00	---	---	---	---	---	0.00	96	63	188	167	0.00
29	0.00	---	---	---	---	---	0.00	92	90	187	165	0.00
30	0.00	---	---	---	---	---	0.00	95	108	183	161	0.00
31	0.00	---	---	---	---	---	---	99	---	184	159	---
TOTAL	0	0	0	0	0	0	0	1777	2407	5127	5416	2305
MEAN	0.000	0.000	---	---	---	---	0.000	57.3	80.3	165.5	174.7	76.8
MAX	0.00	0.00	---	---	---	---	0.00	110	143	188	191	157
MIN	0.00	0.00	---	---	---	---	0.00	0.00	20	116	159	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3525	4774	10170	10740	4572
CAL YEAR 2008	MAX	185.0	MIN	0.000	AC-FT	28080						
WTR YEAR 2009	MAX	191.0	MIN	0.000	AC-FT	33780						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from North Platte River, 00145100

LOCATION.--NE1/4NE1/4 SEC. 10-23-58 W. Near Henry

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1916, 1919 - present

REMARKS.--Total diversion from North Platte River for both Farmers and Northport Irrigation Districts. Deliveries to Northport District shown separately in this report. Values published before 1985 for this diversion site did not include the delivery and carriage losses charged to Northport Irrigation District.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365	700	1230	1110
2	250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215	700	1230	1070
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215	700	1190	1040
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187	700	1190	1040
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150	680	1220	1060
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150	700	1230	1090
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130	700	1240	1100
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115	970	1240	1100
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94	1040	1240	1040
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119	1080	1170	956
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	567	108	1180	1150	927
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	556	101	1180	1150	900
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	578	94	1180	1150	913
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	104	1180	1100	940
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	115	1180	1130	940
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	126	1180	1200	850
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	115	1150	1200	850
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	111	1220	1240	850
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	104	1220	1240	741
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	657	108	1170	1220	707
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	669	130	1180	1180	462
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	155	1240	1200	297
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	176	1250	1210	389
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	193	1270	1240	404
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	205	1280	1240	448
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	251	1280	1190	431
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	400	1280	1190	230
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	400	1280	1100	68
29	0.00	0.00	0.00	0.00	---	0.00	0.00	700	400	1280	1070	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	700	400	1220	1060	0.00
31	0.00	---	0.00	0.00	---	0.00	---	515	---	1220	1140	---
TOTAL	500	0	0	0	0	0	0	13442	5536	33590	36780	21953
MEAN	16.1	0.000	0.000	0.000	0.000	0.000	0.000	433.6	184.5	1082	1186	731.9
MAX	250	0.00	0.00	0.00	0.00	0.00	0.00	700	400	1280	1240	1110
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94	680	1060	0.00
AC-FT	992	0.00	0.00	0.00	0.00	0.00	0.00	26660	10980	66620	72950	43540
CAL YEAR 2008	TOTAL	117580	MEAN	479.9	MAX	1400	MIN	0.000	AC-FT	233200		
WTR YEAR 2009	TOTAL	111801	MEAN	306.3	MAX	1280	MIN	0.000	AC-FT	221800		

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Sheep Creek, 00144700

LOCATION.--NE1/4NW1/4 Sec. 17-23-57 W. near Morrill

GAGE.--Continuous Stage Recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	38	38
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	37	38
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	34	31
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	32	31
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	31	31
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	30	34
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	29	34
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	31	37
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	32	37
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	33	38
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	12	32	38
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	54	32	38
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	25	31	40
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	27	30	41
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	30	33	41
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	29	31	44
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	27	31	43
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	27	32	41
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	26	32	40
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	25	32	41
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	27	32	44
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	25	32	44
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	27	32	44
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	28	36	43
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	28	38	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	30	39	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	29	36	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	33	36	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	17	38	36	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	16	40	35	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	40	36	---
TOTAL	0	0	0	0	0	0	0	0	391	776	1031	931
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13.0	25.0	33.3	31.0
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	54	39	44
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	29	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	776	1539	2045	1847
CAL YEAR 2008	TOTAL		3452	MEAN	14.1	MAX	50.0	MIN	0.000	AC-FT	6847	
WTR YEAR 2009	TOTAL		3129	MEAN	8.6	MAX	54.0	MIN	0.000	AC-FT	6206	

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Akers Draw, 00144500

LOCATION.--NE1/4SE1/4 Sec. 11-23-57 W. near Morrill

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	4.0	8.0	7.0
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	4.0	7.0	7.0
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	3.0	7.0	6.0
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	0.00	7.0	8.0
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	0.00	8.0	6.0
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	0.00	8.0	7.0
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	0.00	9.0	7.0
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.00	8.0	8.0
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	6.0	0.00	8.0	7.0
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	7.0	0.00	8.0	7.0
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	5.0	4.0	8.0	8.0
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	4.0	8.0	9.0	7.0
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	4.0	9.0	8.0	7.0
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	4.0	8.0	9.0	6.0
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	4.0	8.0	9.0	6.0
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	4.0	6.0	9.0	7.0
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	4.0	6.0	8.0	6.0
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	5.0	5.0	7.0	5.0
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	5.0	5.0	7.0	5.0
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	5.0	7.0	7.0	5.0
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	7.0	7.0	6.0
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	8.0	7.0	6.0
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	6.0	8.0	6.0
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	7.0	8.0	6.0
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	8.0	8.0	6.0
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	8.0	9.0	6.0
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	9.0	8.0	6.0
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	8.0	8.0	6.0
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	4.0	9.0	7.0	7.0
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	4.0	8.0	8.0	7.0
31	0.00	---	0.00	0.00	---	0.00	---	3.0	---	8.0	7.0	---
TOTAL	0	0	0	0	0	0	0	65	144	163	244	194
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.1	4.8	5.3	7.9	6.5
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	7.0	9.0	9.0	8.0
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	0.00	7.0	5.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129	286	323	484	385
CAL YEAR 2008	TOTAL		1201	MEAN	4.9	MAX	20.0	MIN	0.000	AC-FT	2382	
WTR YEAR 2009	TOTAL		810	MEAN	2.2	MAX	9.0	MIN	0.000	AC-FT	1607	

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Dry Spotted Tail Creek, 00144600

LOCATION.--SW1/4SW1/4 Sec. 4-23-56 W. near Mitchell

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	8.0
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	8.0
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	8.0	5.0
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	5.0
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	10	5.0
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	5.0
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	10	5.0
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	11	5.0
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	13	5.0
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	5.0	11	7.0
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	6.0	10	8.0
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	16	9.0	10
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	8.0	9.0	15
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	8.0	9.0	14
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	7.0	9.0	14
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	9.0	10	13
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	10	10	7.0
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	11	6.0
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	9.0	11	5.0
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	8.0	9.0	4.0
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	9.0	5.0
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	10	5.0
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	9.0	10	4.0
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	9.0	10	4.0
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	8.0	10	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	8.0	10	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	8.0	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	8.0	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	10	8.0	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	9.0	8.0	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	10	10	---
TOTAL	0	0	0	0	0	0	0	0	73	222	296	172
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.4	7.2	9.5	5.7
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	16	13	15
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145	440	587	341
CAL YEAR 2008	MAX		20.0	MIN	0.000	AC-FT	1825					
WTR YEAR 2009	MAX		16.0	MIN	0.000	AC-FT	1513					

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Wet Spotted Tail Creek, 00144900

LOCATION.--NW1/4NE1/4 Sec. 10-23-56 W. near Mitchell

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	5.0	7.0	8.0
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	5.0	6.0	8.0
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	5.0	6.0	5.0
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	5.0	7.0	4.0
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	3.0	9.0	4.0
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	2.0	11	5.0
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	2.0	13	5.0
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	2.0	13	4.0
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	4.0	2.0	13	7.0
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	9.0	1.0	13	9.0
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	9.0	1.0	13	9.0
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	7.0	4.0	12	9.0
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	7.0	5.0	11	10
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	8.0	6.0	11	11
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	9.0	6.0	11	13
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	8.0	5.0	11	13
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	7.0	4.0	10	14
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	6.0	4.0	10	14
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	6.0	3.0	12	14
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	6.0	3.0	13	13
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	5.0	3.0	13	13
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	5.0	2.0	13	13
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	7.0	2.0	13	13
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	14	2.0	13	13
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	8.0	3.0	14	14
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	7.0	3.0	14	14
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	8.0	3.0	9.0	14
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	7.0	4.0	15	13
29	0.00	0.00	0.00	0.00	---	0.00	0.00	6.0	5.0	5.0	15	12
30	0.00	0.00	0.00	0.00	---	0.00	0.00	6.0	5.0	6.0	16	13
31	0.00	---	0.00	0.00	---	0.00	---	6.0	---	7.0	16	---
TOTAL	0	0	0	0	0	0	0	150	206	113	363	311
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.8	6.9	3.6	11.7	10.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	14	7.0	16	14
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	1.0	6.0	4.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298	409	224	720	617
CAL YEAR 2008	TOTAL		865	MEAN	3.5	MAX	38.0	MIN	0.000	AC-FT	1716	
WTR YEAR 2009	TOTAL		1143	MEAN	3.1	MAX	16.0	MIN	0.000	AC-FT	2267	

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Tub Springs, 00144800

LOCATION.--SE1/4SW1/4 Sec. 27-23-55 W. near Scottsbluff

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	18	28
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	19	26
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	19	26
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	18	26
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	18	26
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	18	27
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	19	28
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	18	26
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	16	17	25
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32	16	18	25
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	17	18	24
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	21	23	24
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	19	20	25
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	19	24	25
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	19	25	25
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	19	24	24
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	19	25	23
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	18	25	20
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	18	25	20
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	19	25	20
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	19	25	19
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	20	26	19
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	20	28	19
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	20	27	19
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	20	27	11
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	20	28	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	20	28	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	19	28	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	15	18	28	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	15	18	27	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	17	27	---
TOTAL	0	0	0	0	0	0	0	0	342	543	715	580
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.4	17.5	23.1	19.3
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32	21	28	28
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	17	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	678	1077	1418	1150
CAL YEAR 2008	TOTAL		2456	MEAN	10.0	MAX	31.0	MIN	0.000	AC-FT	4871	
WTR YEAR 2009	TOTAL		2180	MEAN	6.0	MAX	32.0	MIN	0.000	AC-FT	4324	

NORTH PLATTE RIVER BASIN

NORTHPORT CANAL from North Platte River and Drains via Tri-State Canal, 00115100

LOCATION.--SW1/4SW1/4 Sec. 14-21-51 W. near Bayard

GAGE.--Continuous stage recorder and 12 ft. Parshall flume with modified rating

PERIOD OF RECORD.--1920, 1922 - present

REMARKS.--Published record before 1985 was for Northport Canal from North Platte River. Values published were adjusted to include carriage losses and contributions from drains between the Tri-State diversion from the North Platte River and the Northport Canal gage.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	79	---	---	---	---	---	0.00	0.00	165	152	261	244
2	77	---	---	---	---	---	0.00	0.00	166	183	259	227
3	72	---	---	---	---	---	0.00	0.00	125	209	251	222
4	66	---	---	---	---	---	0.00	0.00	91	182	259	223
5	60	---	---	---	---	---	0.00	0.00	82	157	257	232
6	64	---	---	---	---	---	0.00	0.00	48	170	262	230
7	71	---	---	---	---	---	0.00	0.00	29	203	262	226
8	74	---	---	---	---	---	0.00	0.00	25	209	267	231
9	115	---	---	---	---	---	0.00	0.00	12	246	256	225
10	129	---	---	---	---	---	0.00	0.00	54	260	256	228
11	64	---	---	---	---	---	0.00	0.00	85	252	259	222
12	4.5	---	---	---	---	---	0.00	0.00	33	263	267	200
13	2.8	---	---	---	---	---	0.00	0.00	65	253	254	188
14	1.7	---	---	---	---	---	0.00	96	49	249	261	188
15	0.00	---	---	---	---	---	0.00	111	44	261	259	183
16	0.00	---	---	---	---	---	0.00	120	45	258	251	173
17	0.00	---	---	---	---	---	0.00	112	45	271	267	173
18	0.00	---	---	---	---	---	0.00	102	59	260	257	179
19	0.00	---	---	---	---	---	0.00	103	57	261	265	173
20	---	---	---	---	---	---	0.00	114	34	256	266	172
21	---	---	---	---	---	---	0.00	138	28	267	268	162
22	---	---	---	---	---	---	0.00	159	26	255	258	164
23	---	---	---	---	---	---	0.00	162	43	259	251	122
24	---	---	---	---	---	---	0.00	164	54	259	251	124
25	---	---	---	---	---	---	0.00	169	71	258	253	135
26	---	---	---	---	---	0.00	0.00	161	92	263	251	117
27	---	---	---	---	---	0.00	0.00	161	102	265	259	115
28	---	---	---	---	---	0.00	0.00	153	148	270	248	106
29	---	---	---	---	---	0.00	0.00	149	170	256	254	42
30	---	---	---	---	---	0.00	0.00	152	117	266	259	7.3
31	---	---	---	---	---	0.00	---	152	---	262	264	---
TOTAL	880	0	0	0	0	0	0	2478	2164	7435	8012	5233.3
MEAN	46.3	---	---	---	---	0.000	0.000	79.9	72.1	239.8	258.5	174.4
MAX	129	---	---	---	---	0.00	0.00	169	170	271	268	244
MIN	0.00	---	---	---	---	0.00	0.00	0.00	12	152	248	7.3
AC-FT	1745	0.00	0.00	0.00	0.00	0.00	0.00	4915	4292	14750	15890	10380
CAL YEAR 2008	MAX	273.0	MIN	0.000	AC-FT	56620						
WTR YEAR 2009	MAX	271.0	MIN	0.000	AC-FT	51970						

NORTH PLATTE RIVER BASIN

HORSE CREEK near Lyman, 06677500

LOCATION.--SE1/4NE1/4 Sec. 25-23-58 W., Scotts Bluff County, Lat. 41° 56' 21", Long. 103° 59' 13", on right bank 50 feet upstream from county highway bridge, 1.8 miles upstream from mouth, 2.2 miles downstream from Owl Creek and 3.2 miles northeast of Lyman.

DRAINAGE AREA.--1,707 square miles, approximately 1,667 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 3,992.84 feet above mean sea level.

PERIOD OF RECORD.--Feb. 1931 to present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,110 cubic feet per second June 6, 1967, gage height 10.82 feet; minimum daily discharge 0.40 cubic feet per second February 1, 1949.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,350 cubic feet per second June 15, gage height 7.12 feet; minimum daily discharge 8.7 cubic feet per second on March 22.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44	25	18	13e	14	14	20	19	164	95	101	133
2	43	25	18	13e	14	15	21	19	429	127	101	127
3	42	23	17	13e	16	15	20	19	323	237	102	114
4	40	22	15	13e	16	13	16	30	223	200	95	96
5	40	24	17	13e	18	12	11	343	143	206	96	90
6	39	25	15	13e	24	11	12	492	110	228	110	90
7	36	25	14	13e	29	11	24	371	96	252	111	100
8	36	24	14	13e	27	10	36	210	80	305	107	126
9	36	24	15e	13e	30	10	49	216	84	358	111	146
10	36	22	15e	13e	28	9.7	37	317	159	206	102	154
11	35	22	15e	13e	26	9.9	33	434	213	143	101	164
12	41	25	15e	13e	20	10	28	384	95	195	97	175
13	35	27	15e	13e	20	9.8	24	245	80	186	98	194
14	31	26	15e	11	17	9.9	22	222	93	148	104	230
15	30	24	15e	10	16	9.8	21	218	343	108	104	301
16	30	22	15e	11	16	9.9	32	173	73	109	101	393
17	31	20	14e	13	18	9.6	68	119	45	112	104	436
18	32	18	14e	12	17	9.4	113	91	43	79	101	423
19	34	20	14e	12	16	9.3	99	85	34	80	96	351
20	35	19	14e	13	16	9.2	53	62	29	95	101	286
21	34	19	14e	13	14	9.1	34	52	27	92	101	171
22	33	19	14e	14	15	8.7	28	60	24	98	99	115
23	31	18	14e	13	16	24	25	92	19	99	95	96
24	29	17	14e	15e	16	69	23	119	217	98	100	89
25	30	21	14e	15e	17	44	22	146	358	104	127	81
26	30	21	14e	15e	16	9.0	23	174	256	104	119	74
27	24	21	14e	15e	15	18	22	222	183	103	115	67
28	26	19	13e	15e	13	17	21	239	170	108	116	62
29	26	17	13e	15e	---	21	19	191	150	102	139	60
30	26	18	13e	15e	---	26	18	142	104	102	144	57
31	25	---	13e	15e	---	20	---	126	---	102	137	---
TOTAL	1040	652	454	411	520	483.3	974	5632	4367	4581	3335	5001
MEAN	33.6	21.7	14.7	13.3	18.5	15.6	32.6	181.6	145.5	147.8	107.5	166.7
MAX	44	27	18	15	30	69	113	492	429	358	144	436
MIN	24	17	13	10	13	8.7	11	19	19	79	95	57
AC-FT	2063	1293	900	815	1031	959	1932	11170	8662	9086	6615	9919
CAL YEAR 2008	TOTAL		19439	MEAN	53.1	MAX	410.0	MIN	2.0	AC-FT	38560	
WTR YEAR 2009	TOTAL		27450	MEAN	75.2	MAX	492.0	MIN	8.7	AC-FT	54450	

e indicates estimate discharge.

SHEEP CREEK near Morrill, 06678000

LOCATION.--NW1/4SW1/4 Sec. 16-23-57 W., Scotts Bluff County, Lat. 41° 57' 50", Long. 103° 56' 20", on left bank 40 feet upstream from Burlington Northern Inc. railroad bridge, 50 feet downstream and 20 feet east from bridge on U.S. Highway 26, one mile west of Morrill and 1.5 miles upstream from the mouth.

DRAINAGE AREA.--362 square miles, approximately 337 square miles contributes to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 3,995.04 feet above sea level.

PERIOD OF RECORD.--Oct. 1931 to present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 516 cubic feet per second July 21, 1978, gage height 6.62 feet; minimum daily discharge 0.1 cubic feet per second December 16, 23, 1956, January 18, March 12, 1957, result of diversion for construction upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharge 219 cubic feet per second September 25, gage height 2.89 feet; minimum daily discharge 5.9 cubic feet per second October 7.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.4	51	42	40	39	36	38	37	43	16	12	15
2	6.0	50	42	41	39	39	37	37	56	16	12	15
3	6.3	50	43	39	39	41	37	37	48	16	12	16
4	6.4	50	43	39	39	39	43	36	47	16	11	16
5	6.4	51	43	40	39	38	41	34	48	15	11	18
6	6.1	53	44	40	40	39	38	33	52	15	12	18
7	5.9	52	44	40	40	40	40	32	48	15	12	18
8	5.9	52	43	41	40	39	41	29	48	15	12	18
9	34	53	42	39	42	39	40	27	51	15	13	19
10	51	53	42	40	41	40	40	28	37	15	13	19
11	51	54	42	41	39	38	40	28	24	16	13	20
12	55	54	43	41	39	38	40	24	22	29	13	20
13	53	57	44	41	39	38	40	22	20	18	13	20
14	52	57	44e	40	40	39	39	22	18	16	13	20
15	51	54	43e	41	39	38	40	21	18	15	13	20
16	52	55	43e	41	39	38	41	21	18	16	12	22
17	52	54	43	40	40	38	45	21	18	16	11	22
18	52	54	43	40	39	39	44	28	18	16	12	22
19	52	52	43	39	39	40	40	31	17	16	12	23
20	52	51	43	39	38	40	39	31	17	16	11	22
21	53	51	42	40	38	41	40	30	16	15	11	19
22	52	51	43	41	37	43	42	31	16	15	11	18
23	52	50	43	40	37	48	40	33	16	15	12	18
24	52	46	43	40	37	47	40	35	14	14	13	19
25	51	42	43	41	37	44	39	39	14	15	13	47
26	52	42	43	41	37	41	40	42	15	14	13	57
27	52	42	43	44	37	40	37	44	15	14	14	53
28	53	42	43	41	36	39	37	43	15	13	13	49
29	52	42	42	41	---	39	37	41	15	12	13	49
30	52	42	40	40	---	39	35	41	15	12	13	48
31	51	---	40	40	---	38	---	42	---	12	14	---
TOTAL	1228.4	1507	1324	1251	1085	1235	1190	1000	819	479	383	760
MEAN	39.6	50.2	42.7	40.4	38.7	39.9	39.6	32.2	27.3	15.4	12.3	25.2
MAX	55	57	44	44	42	48	45	44	56	29	14	57
MIN	5.9	42	40	39	36	36	35	21	14	12	11	15
AC-FT	2436	2989	2626	2481	2152	2450	2360	1983	1624	950	760	1507
CAL YEAR 2008	TOTAL		11155	MEAN	30.5	MAX	57.0	MIN	5.9	AC-FT	22130	
WTR YEAR 2009	TOTAL		12261	MEAN	33.6	MAX	57.0	MIN	5.9	AC-FT	24320	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River, 00040000

LOCATION.--NE1/4NW1/4 Sec. 27-23-57 W. near Morrill

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1919 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	---	---	---	---	---	0.00	60	85	52	114	99
2	22	---	---	---	---	---	0.00	60	92	51	115	97
3	17	---	---	---	---	---	0.00	61	90	53	112	95
4	7.3	---	---	---	---	---	0.00	83	69	53	107	90
5	0.00	---	---	---	---	---	0.00	113	67	51	105	87
6	12	---	---	---	---	---	0.00	106	65	74	110	86
7	21	---	---	---	---	---	0.00	96	63	87	109	86
8	21	---	---	---	---	---	0.00	92	63	88	113	84
9	21	---	---	---	---	---	0.00	90	63	87	119	81
10	21	---	---	---	---	---	0.00	94	65	89e	112	78
11	21	---	---	---	---	---	0.00	100	54	93e	104	78
12	20	---	---	---	---	---	0.00	89	49	96e	100	78
13	20	---	---	---	---	0.00	0.00	84	49	100	96	78
14	20	---	---	---	---	0.00	0.00	83	49	98	94	80
15	20	---	---	---	---	0.00	0.00	89	49	97	96	75
16	20	---	---	---	---	0.00	0.00	91	46	109	102	71
17	20	---	---	---	---	0.00	0.00	90	46	114	105	68
18	20	---	---	---	---	0.00	0.00	86	47	110	107	65
19	20	---	---	---	---	0.00	0.00	87	47	108	106	62
20	20	---	---	---	---	0.00	0.00	86	48	115	103	60
21	20	---	---	---	---	0.00	0.00	84	48	120	92	60
22	20	---	---	---	---	0.00	0.00	83	48	125	90	58
23	20	---	---	---	---	0.00	0.00	87	52	124	89	51
24	20	---	---	---	---	0.00	0.00	96	55	121	95	48
25	20	---	---	---	---	0.00	0.00	94	58	122	97	52
26	20	---	---	---	---	0.00	0.00	91	57	121	99	56
27	20	---	---	---	---	0.00	0.00	91	54	125	94	55
28	20	---	---	---	---	0.00	63	92	54	130	85	58
29	---	---	---	---	---	0.00	63	90	55	126	84	57
30	---	---	---	---	---	0.00	60	88	54	122	91	57
31	---	---	---	---	---	0.00	---	84	---	115	101	---
TOTAL	528.3	0	0	0	0	0	186	2720	1741	3076	3146	2150
MEAN	18.9	---	---	---	---	0.000	6.2	87.8	58.1	99.2	101.4	71.8
MAX	25	---	---	---	---	0.00	63	113	92	130	119	99
MIN	0.00	---	---	---	---	0.00	0.00	60	46	51	84	48
AC-FT	1048	0.00	0.00	0.00	0.00	0.00	369	5395	3453	6101	6240	4264
CAL YEAR 2008	MAX	150.0	MIN	0.000	AC-FT	25150						
WTR YEAR 2009	MAX	130.0	MIN	0.000	AC-FT	26870						

e indicates estimated discharge.

DRY SPOTTED TAIL CREEK at Mitchell, 06679000

LOCATION.--SE1/4SE1/4 SEC. 20-23-56 W., Scotts Bluff County, Lat. 41° 56' 45", Long. 103° 49' 35", on right bank 5 feet upstream from bridge on county road, 0.8 mile upstream from mouth, and 1 mile west of the intersection of U.S. Highway 26 and State Highway 29 in Mitchell.

DRAINAGE AREA.--77.2 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,943.75 feet National Geodetic Vertical Datum. Datum 1.00 foot higher before October 1, 1958.

PERIOD OF RECORD.--1948 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1979. Records are fair through January 1; poor after January 1 due to instrument and orifice problems.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,010 cubic feet per second June 24, 1951, gage height 8.55 feet; minimum daily discharge 1.6 cubic feet per second June 28, 1966.

EXTREMES FOR CURRENT YEAR.--Peak discharge 316 cubic feet per second May 4, gage height 2.88 feet; minimum daily discharge, 6.6 cubic feet per second March 4.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	18	15	16	14	15	11	103	35	46	79	74
2	17	18	15	16	14	11	13	108	47	48	82	70
3	17	17	15	15	14	8.6	14	116	54	49	79	70
4	17	17	15	14	14	6.6	16	131	50	49	80	72
5	17	17	15	13	14	6.9	18	143	48	58	71	73
6	16	18	15	11	14	8.1	21	135	49	63	74	75
7	16	18	15	7.5	15	9.8	23	130	39	56	78	77
8	16	18	15	8.1	15	9.8	25	110	39	58	84	71
9	18	19	14	8.0	16	11	24	106	38	54	110	75
10	44	20	14	7.7	16	11	26	96	39	61	95	74
11	23	20	14	8.0	15	11	28	96	35	58	89	77
12	24	19	13	8.2	15	12	30	93	31	130	79	80
13	21	20	13	7.8	15	12	32	77	26	105	76	90
14	28	19	13	8.6	14	12	35	77	22	101	81	94
15	35	18	14	8.3	14	11	37	68	19	93	86	85
16	28	18	14	8.7	17	11	38	64	20	85	111	90
17	27	17	16	9.3	16	9.5	42	64	24	94	115	68
18	27	17	16	10	16	9.0	45	64	24	82	99	29
19	26	17	16	10	15	9.5	47	76	24	75	91	25
20	24	17	14	11	14	9.7	50	86	24	76	93	24
21	24	17	14	11	14	10	53	73	26	75	88	24
22	22	16	15	11	14	11	56	72	30	116	81	23
23	21	16	15	11	14	10.0	58	57	31	117	79	23
24	19	16	15	11	14	17	58	58	37	123	86	33
25	19	16	15	11	15	10	61	52	37	126	89	46
26	19	16	15	11	11	12	64	46	37	125	105	47
27	19	16	15	11	15	13	71	49	35	119	103	46
28	18	15	15	12	15	12	95	47	39	115	97	60
29	18	15	15	11	---	11	114	52	41	101	95	25
30	18	16	16	12	---	10	104	44	43	91	95	24
31	18	---	16	13	---	12	---	42	---	81	91	---
TOTAL	673	521	457	331.2	409	332.5	1309	2535	1043	2630	2761	1744
MEAN	21.7	17.4	14.7	10.6	14.7	10.7	43.6	81.9	34.8	84.9	89.1	58.2
MAX	44	20	16	16	17	17	114	143	54	130	115	94
MIN	16	15	13	7.5	11	6.6	11	42	19	46	71	23
AC-FT	1335	1033	906	657	811	660	2596	5028	2069	5217	5476	3459
CAL YEAR 2008	TOTAL		9246	MEAN	25.3	MAX	98.0	MIN	2.2	AC-FT	18340	
WTR YEAR 2009	TOTAL		14746	MEAN	40.4	MAX	143.0	MIN	6.6	AC-FT	29250	

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Mitchell, 06679500

LOCATION.--NE1/4NE1/4 Sec. 33-23-56 W., Scotts Bluff County, Lat. 41° 55' 38", Long. 103° 48' 48", on right bank 10 feet downstream from bridge on County Highway, 0.5 mile south of Mitchell.

DRAINAGE AREA.--24,300 square miles, approximately 22,300 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 3,928.3 feet above sea level.

PERIOD OF RECORD.--June 1901 to September 1910, periodic record 1911 to 1918, continuous May 1920 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 27,500 cubic feet per second June 3, 1909, gage height 6.45 feet, datum then in use; maximum gage height 7.80 feet May 29, 1984; minimum daily discharge 54 cubic feet per second May 3, 1965.

EXTREMES FOR CURRENT YEAR.--Peak discharge 917 cubic feet per second September 11, gage height 2.81 feet; maximum gage height 4.34 feet January 16 due to backwater from ice; minimum daily discharge 80 cubic feet per second May 28.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	211	413	350	313	292	242	269	303	322	300	301	289
2	210	403	353	311	288	243	271	305	451	307	313	276
3	207	400	346	307	286	244	274	307	431	405	294	266
4	206	398	342	295	285	243	290	308	347	454	282	256
5	204	396	330e	290e	285	240	278	361	293	392	258	255
6	201	395	344	292	289	238	274	559	296	385	267	280
7	200	393	342	292	292	238	289	553	255	369	276	311
8	200	392	341	293	292	238	317	523	251	380	299	355
9	207	389	335	294	294	237	341	495	259	389	366	416
10	282	388	331	288	290	237	343	568	407	356	353	402
11	343	390	333	288	284	237	339	666	590	297	300e	398
12	400	388	331	288	275	239	330	487	418	548	250e	408
13	398	387	332	285	274	239	323	439	351	465	260e	444
14	414	386	240e	286	269	240	313	387	341	424	280e	477
15	421	374	270e	283	265	242	309	336	480	327	270e	524
16	409	373	270e	283	263	243	326	321	339	291	320e	574
17	408	370	295e	286	264	242	374	295	269	282	330e	589
18	407	370	300e	285	262	243	457	246	239	277	340e	575
19	403	365	315	282	259	238	489	225	240	241	318e	452
20	397	361	300e	281	255	237	421	209	250	244	300e	439
21	399	362	300e	280	248	236	381	204	220	253	290e	547
22	396	360	291	281	250	236	359	206	250	267	290e	677
23	400	360	296	279	250	246	342	230	300	248	265e	501
24	410	359	295	275	251	248	328	337	350	250	340e	410
25	420	359	293	240e	250	247	319	429	354	271	410e	359
26	408	359	301	190e	249	248	322	375	389	267	460e	312
27	403	357	292	200e	247	248	322	414	361	283	485	320
28	408	356	290	260e	242	257	325	444	370	355	376	488
29	408	355	303	270e	---	266	318	410	382	366	326	584
30	408	352	318	287	---	276	307	357	318	357	321	591
31	404	---	313	299	---	266	---	319	---	323	316	---
TOTAL	10592	11310	9692	8683	7550	7574	9950	11618	10123	10373	9856	12775
MEAN	341.7	377.1	312.6	280.1	269.6	244.2	331.6	374.8	337.4	334.6	317.9	425.9
MAX	421	413	353	313	294	276	489	666	590	548	485	677
MIN	200	352	240	190	242	236	269	204	220	241	250	255
AC-FT	21010	22430	19220	17220	14980	15020	19740	23040	20080	20570	19550	25340
CAL YEAR 2008	TOTAL		112650	MEAN	307.8	MAX	1500	MIN	117.0	AC-FT	223400	
WTR YEAR 2009	TOTAL		120096	MEAN	329.0	MAX	677.0	MIN	190.0	AC-FT	238200	

e indicates estimated discharge.

TUB SPRINGS near Scottsbluff, 06680000

LOCATION.--SW1/4SW1/4 Sec. 33-23-55 W., Scotts Bluff County, Lat. 41° 54' 55", Long. 103° 42' 55", upstream from bridge, 0.2 miles downstream from headgates of Enterprise Canal, 1.5 miles upstream from mouth, and 3.5 miles northwest of Scottsbluff.

DRAINAGE AREA.--Undetermined, channel serves as a drain for return flow from irrigation districts.

GAGE.--Continuous stage recorder; datum of gage is 3,926.54 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - present

REMARKS.--Published by United States Geological Survey from 1948 - 1979. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1610 cubic feet per second, June 21, 1952 on basis of slope-area measurement of peak flow caused by break in Interstate Canal, no gage height determined; minimum daily discharge 0.70 cubic feet per second May 7, 1965.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 571 cubic feet per second June 10, gage height 4.30 feet; minimum daily discharge 15 cubic feet per second March 21,23 and April 24,30.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	28	22	20	19	16	17	16	50	27	45	37
2	20	28	22	20	19	16	17	16	48	28	47	35
3	21	28	22	20	19	16	16	16	49	25	50	34
4	21	28	22	20	19	16	16	16	45	24	52	32
5	21	28	22	19	19	16	17	25	44	23	50	30
6	22	28	22	19	19	16	16	66	49	25	49	32
7	26	27	22	19	19	16	17	36	44	34	52	37
8	31	27	21	20	19	16	17	31	44	40	51	37
9	34	27	21	20	19	16	17	33	35	42	68	35
10	39	27	21	19	18	16	16	37	76	39	56	37
11	41	27	21	19	18	16	16	46	60	36	57	35
12	46	27	21	19	18	16	16	42	49	50	51	36
13	42	27	21	19	18	16	16	41	53	37	41	39
14	40	26	21	18	18	16	16	40	45	37	37	40
15	30	25	20	18	18	16	16	42	37	36	39	39
16	30	25	20	19	18	16	16	42	42	34	40	35
17	29	25	21	19	18	16	20	43	35	36	38	33
18	29	25	21	18	18	16	19	43	29	35	38	26
19	29	25	21	18	18	16	18	42	32	43	38	24
20	29	25	20	18	17	16	17	39	32	46	38	23
21	29	25	20	18	17	15	16	39	32	48	36	28
22	28	24	20	18	18	15	16	41	32	51	36	31
23	29	24	20	18	17	16	16	42	31	49	32	28
24	29	24	20	18	17	16	15	46	32	49	31	25
25	29	23	20	18	16	17	16	48	35	47	34	27
26	28	24	20	19	16	16	16	46	37	47	40	32
27	28	24	20	18	16	16	16	44	35	48	41	34
28	27	23	20	18	16	17	16	43	32	56	37	44
29	27	23	21	18	---	18	16	43	35	52	34	42
30	28	23	20	19	---	17	15	43	30	46	35	37
31	28	---	20	19	---	16	---	44	---	46	41	---
TOTAL	910	770	645	582	501	499	494	1191	1229	1236	1334	1004
MEAN	29.4	25.7	21.0	18.9	17.8	16.1	16.4	38.4	41.0	39.8	43.0	33.5
MAX	46	28	22	20	19	18	20	66	76	56	68	44
MIN	20	23	20	18	16	15	15	16	29	23	31	23
AC-FT	1805	1527	1279	1154	994	990	980	2362	2438	2452	2646	1991
CAL YEAR 2008	TOTAL		9993	MEAN	27.3	MAX	97.0	MIN	15.0	AC-FT	19820	
WTR YEAR 2009	TOTAL		10395	MEAN	28.5	MAX	76.0	MIN	15.0	AC-FT	20620	

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from North Platte River, 00148000

LOCATION.--NE1/4SE1/4 Sec. 17-22-55 W. near Scottsbluff

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	11	4.7	36	34
2	0.00	---	---	---	---	---	0.00	0.00	24	6.1	36	33
3	0.00	---	---	---	---	---	0.00	0.00	21	14	30	31
4	0.00	---	---	---	---	---	0.00	0.00	7.0	27	20	30
5	0.00	---	---	---	---	---	0.00	0.00	5.3	17	30	28
6	0.00	---	---	---	---	---	0.00	0.00	6.7	18	29	30
7	---	---	---	---	---	---	0.00	0.00	4.9	17	32	33
8	---	---	---	---	---	---	0.00	0.00	7.3	20	32	35
9	---	---	---	---	---	---	0.00	0.00	7.9	23	38	38
10	---	---	---	---	---	---	0.00	0.00	13	21	37	38
11	---	---	---	---	---	---	0.00	0.00	15	12	34	37
12	---	---	---	---	---	---	0.00	0.00	3.4	36	30	37
13	---	---	---	---	---	---	0.00	0.00	1.9	31	30	39
14	---	---	---	---	---	---	0.00	0.00	1.8	22	30	29
15	---	---	---	---	---	---	0.00	0.00	4.1	25	31	15
16	---	---	---	---	---	---	0.00	0.00	2.8	17	34	16
17	---	---	---	---	---	---	0.00	0.00	1.7	25	38	16
18	---	---	---	---	---	---	0.00	0.00	1.6	33	38	16
19	---	---	---	---	---	---	0.00	0.00	1.6	29	36	13
20	---	---	---	---	---	---	0.00	0.00	1.6	29	34	12
21	---	---	---	---	---	---	0.00	0.00	1.6	30	31	12
22	---	---	---	---	---	---	0.00	0.00	1.4	32	28	13
23	---	---	---	---	---	0.00	0.00	0.00	1.4	29	26	5.9
24	---	---	---	---	---	0.00	0.00	0.00	1.4	29	27	1.1
25	---	---	---	---	---	0.00	0.00	0.00	1.3	32	32	0.97
26	---	---	---	---	---	0.00	0.00	3.2	1.4	32	38	0.89
27	---	---	---	---	---	0.00	0.00	0.67	1.4	33	44	0.87
28	---	---	---	---	---	0.00	0.00	5.9	1.4	38	39	0.84
29	---	---	---	---	---	0.00	0.00	7.6	1.3	39	35	0.82
30	---	---	---	---	---	0.00	0.00	6.4	1.2	40	35	0.79
31	---	---	---	---	---	0.00	---	5.6	---	38	36	---
TOTAL	0	0	0	0	0	0	0	29.37	157.4	798.8	1026	597.18
MEAN	0.000	---	---	---	---	0.000	0.000	0.95	5.3	25.8	33.1	19.9
MAX	0.00	---	---	---	---	0.00	0.00	7.6	24	40	44	39
MIN	0.00	---	---	---	---	0.00	0.00	0.00	1.2	4.7	20	0.79
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	312	1584	2035	1184
CAL YEAR 2008	MAX		32.0	MIN	0.000	AC-FT	6410					
WTR YEAR 2009	MAX		44.0	MIN	0.000	AC-FT	5174					

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from Winters Creek, 00149000

LOCATION.--SW1/4NE1/4 SEC. 19-22-54 W. near Scottsbluff

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	11	14	51	37
2	0.00	---	---	---	---	---	0.00	0.00	11	15	51	37
3	0.00	---	---	---	---	---	0.00	0.00	13	14	50	47
4	0.00	---	---	---	---	---	0.00	0.00	11	14	47	61
5	0.00	---	---	---	---	---	0.00	0.00	10	14	44	62
6	0.00	---	---	---	---	---	0.00	0.00	10	14	44	61
7	0.00	---	---	---	---	---	0.00	0.00	11	14	46	62
8	---	---	---	---	---	---	0.00	0.00	9.0	14	46	61
9	---	---	---	---	---	---	0.00	0.00	9.5	13	48	55
10	---	---	---	---	---	---	0.00	0.00	12	13	46	51
11	---	---	---	---	---	---	0.00	0.00	0.00	36	46	50
12	---	---	---	---	---	---	0.00	0.00	0.00	59	45	39
13	---	---	---	---	---	---	0.00	0.00	0.00	52	46	32
14	---	---	---	---	---	---	0.00	0.00	0.00	55	47	42
15	---	---	---	---	---	---	0.00	0.00	0.00	53	49	45
16	---	---	---	---	---	---	0.00	0.00	0.00	54	51	30
17	---	---	---	---	---	---	0.00	0.00	0.00	53	52	23
18	---	---	---	---	---	---	0.00	0.00	6.6	51	53	21
19	---	---	---	---	---	0.00	0.00	0.00	5.1	55	55	19
20	---	---	---	---	---	0.00	0.00	0.00	4.9	55	54	14
21	---	---	---	---	---	0.00	0.00	0.00	4.9	55	53	10
22	---	---	---	---	---	0.00	0.00	0.00	4.9	55	53	9.7
23	---	---	---	---	---	0.00	0.00	0.00	4.9	58	53	9.9
24	---	---	---	---	---	0.00	0.00	0.00	4.6	58	52	7.5
25	---	---	---	---	---	0.00	0.00	0.00	4.6	57	51	7.1
26	---	---	---	---	---	0.00	0.00	0.00	4.6	54	52	6.9
27	---	---	---	---	---	0.00	0.00	9.7	4.6	52	53	7.2
28	---	---	---	---	---	0.00	0.00	12	4.5	65	50	12
29	---	---	---	---	---	0.00	0.00	12	4.4	51	50	11
30	---	---	---	---	---	0.00	0.00	11	17	51	52	7.0
31	---	---	---	---	---	0.00	---	11	---	50	44	---
TOTAL	0	0	0	0	0	0	0	55.7	183.1	1268	1534	937.3
MEAN	0.000	---	---	---	---	0.000	0.000	1.8	6.2	41.0	49.4	31.2
MAX	0.00	---	---	---	---	0.00	0.00	12	17	65	55	62
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	13	44	6.9
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110	363	2515	3043	1859
CAL YEAR 2008	MAX	95.0	MIN	0.000	AC-FT	6846						
WTR YEAR 2009	MAX	65.0	MIN	0.000	AC-FT	7890						

NORTH PLATTE RIVER BASIN

CENTRAL CANAL from North Platte River, 00022000

LOCATION.--NW1/4NW1/4 Sec. 36-22-55 W. near Gering

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	24	27	16	34	30
2	0.00	---	---	---	---	---	0.00	27	28	16	33	30
3	0.00	---	---	---	---	---	0.00	26	28	16	33	30
4	0.00	---	---	---	---	---	0.00	26	28	17	33	29
5	0.00	---	---	---	---	---	0.00	26	27	17	32	26
6	---	---	---	---	---	---	0.00	28	27	18	32	27
7	---	---	---	---	---	---	0.00	30	27	17	33	27
8	---	---	---	---	---	---	0.00	25	26	22	33	23
9	---	---	---	---	---	---	0.00	25	26	22	34	21
10	---	---	---	---	---	---	0.00	25	25	23	34	27
11	---	---	---	---	---	---	0.00	25	21	23	33	27
12	---	---	---	---	---	---	0.00	25	20	22	33	27
13	---	---	---	---	---	---	0.00	24	19	23	33	28
14	---	---	---	---	---	---	0.00	20	20	25	32	27
15	---	---	---	---	---	---	0.00	16	20	25	32	26
16	---	---	---	---	---	---	0.00	27	20	27	33	26
17	---	---	---	---	---	---	0.00	27	20	28	33	23
18	---	---	---	---	---	---	0.00	27	21	30	32	21
19	---	---	---	---	---	0.00	0.00	27	16	33	32	21
20	---	---	---	---	---	0.00	0.00	27	0.00	34	32	21
21	---	---	---	---	---	0.00	0.00	27	0.00	34	31	22
22	---	---	---	---	---	0.00	0.00	27	0.00	34	31	23
23	---	---	---	---	---	0.00	0.00	28	0.00	34	31	21
24	---	---	---	---	---	0.00	0.00	29	0.00	35	31	18
25	---	---	---	---	---	0.00	0.00	28	0.00	35	31	17
26	---	---	---	---	---	0.00	0.00	28	0.00	35	32	17
27	---	---	---	---	---	0.00	0.00	28	0.00	35	32	17
28	---	---	---	---	---	0.00	0.00	28	0.00	35	32	18
29	---	---	---	---	---	0.00	0.00	28	2.4	35	31	18
30	---	---	---	---	---	0.00	1.3	28	15	35	31	16
31	---	---	---	---	---	0.00	---	27	---	34	31	---
TOTAL	0	0	0	0	0	0	1.3	813	463.4	835	1000	704
MEAN	0.000	---	---	---	---	0.000	0.045	26.2	15.5	26.9	32.2	23.5
MAX	0.00	---	---	---	---	0.00	1.3	30	28	35	34	30
MIN	0.00	---	---	---	---	0.00	0.00	16	0.00	16	31	16
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2.6	1613	919	1656	1983	1396
CAL YEAR 2008	MAX	37.0	MIN	0.000	AC-FT	6839						
WTR YEAR 2009	MAX	35.0	MIN	0.000	AC-FT	7570						

NORTH PLATTE RIVER BASIN

WINTERS CREEK near Scottsbluff, 06681000

LOCATION.--NW1/4SE1/4 Sec. 30-22-54 W., Scotts Bluff County, Lat. 41° 51' 08", Long. 103° 37' 35", on right bank 700 feet downstream from bridge on U.S. Highway 26, one mile upstream from mouth, 1.5 miles east of Scottsbluff.

GAGE.--Continuous stage recorder. Gage datum is 3,859.8 feet National Geodetic Datum of 1929.

PERIOD OF RECORD.--1931 - present

REMARKS.--Published by U.S. Geological Survey up to October 1, 1979. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,160 cubic feet per second June 21, 1977, gage height 8.07 feet; maximum gage height 9.34 feet, present datum, January 7, 1949 due to backwater from snow drifts; minimum daily discharge 0.9 cubic feet per second July 5, 1961.

EXTREMES FOR CURRENT YEAR.--Peak discharge 569 cubic feet per second June 10, gage height 6.38 feet; minimum daily discharge 14 cubic feet per second August 4.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	59	40	44	34	31	27	26	35	49	46	22	57
2	60	41	43	36	31	29	23	35	52	55	24	56
3	60	40	41	35	32	33	19	35	57	52	22	49
4	61	46	41	34	32	39	21	36	49	61	14	41
5	59	48	41	33	29	39	22	35	43	58	17	43
6	58	50	40	35	29	41	24	35	47	58	19	43
7	56	49	40	34	29	42	27	38	43	58	24	45
8	55	49	40	33	30	41	30	50	47	55	26	45
9	55	49	40	32	30	40	32	52	48	56	30	48
10	72	50	39	32	30e	38	33	53	183	55	26	51
11	86	51	38	33	30e	38	35	54	141	53	25	53
12	62	51	38	32	30e	37	35	57	53	38	23	67
13	53	52	38	31	29e	37	34	96	49	33	23	77
14	52	51	38	30	29e	40	33	96	60	31	25	101
15	52	51	38	30	29e	39	32	101	53	27	28	127
16	53	52	37	30	29e	37	33	101	48	26	29	148
17	53	42	36	29	29	38	44	103	46	21	32	161
18	55	38	36	28	29	38	42	94	147	25	32	148
19	56	39	35	28	28	37	39	49	51	26	32	139
20	56	41	34	28	28	35	37	52	49	28	31	106
21	58	43	34	29	29	37	36	51	48	28	30	86
22	50	42	35	28	29	37	36	52	47	25	29	83
23	49	42	34	29	29	40	35	53	50	21	30	83
24	49	42	34	29	30	42	35	56	50	15	32	76
25	50	43	35	32	28	33	35	53	54	17	34	76
26	53	43	35	31	28	22	36	43	57	19	36	75
27	57	43	35	30	27	21	35	43	56	20	36	75
28	57	43	34	31	26	19	35	43	56	43	38	102
29	54	43	35	30	---	22	35	46	81	34	39	100
30	42	43	35	32	---	25	34	49	105	31	38	74
31	39	---	34	33	---	27	---	45	---	26	50	---
TOTAL	1731	1357	1157	971	819	1070	973	1741	1919	1141	896	2435
MEAN	55.8	45.2	37.2	31.4	29.3	34.5	32.4	56.2	64.1	36.8	28.9	81.2
MAX	86	52	44	36	32	42	44	103	183	61	50	161
MIN	39	38	34	28	26	19	19	35	43	15	14	41
AC-FT	3433	2692	2295	1926	1624	2122	1930	3453	3806	2263	1777	4830
CAL YEAR 2008	TOTAL		17439	MEAN	47.6	MAX	265.0	MIN	10.0	AC-FT	34590	
WTR YEAR 2009	TOTAL		16210	MEAN	44.4	MAX	183.0	MIN	14.0	AC-FT	32150	

NORTH PLATTE RIVER BASIN

MINATARE CANAL from North Platte River, 00099000

LOCATION.--NW1/4SW1/4 Sec. 33-22-54 W. near Scottsbluff

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	55	---	---	---	---	---	0.50	0.00	63	44	79	90
2	53	---	---	---	---	---	0.44	0.00	69	44	76	90
3	53	---	---	---	---	---	0.44	0.00	75	50	76	91
4	53	---	---	---	---	---	0.44	0.00	72	56	75	84
5	53	---	---	---	---	---	0.44	0.00	66	54	75	78
6	53	---	---	---	---	---	0.44	0.00	65	54	72	80
7	54	---	---	---	---	---	0.35	0.00	64	54	75	83
8	56	---	---	---	---	---	0.33	0.00	77	53	77	86
9	56	---	---	---	---	---	0.33	0.00	74	60	73	86
10	52	---	---	---	---	---	0.33	0.00	62	63	73	80
11	48	---	---	---	---	---	0.33	3.2	44	59	76	75
12	46	---	---	---	---	---	0.00	23	36	70	82	77
13	41	---	---	---	---	---	0.33	16	34	73	86	73
14	31	---	---	---	---	---	0.33	14	35	73	86	68
15	28	---	---	---	---	---	0.33	15	39	72	88	72
16	28	---	---	---	---	0.00	0.29	13	37	72	92	73
17	29	---	---	---	---	0.00	0.30	13	33	74	84	67
18	30	---	---	---	---	0.00	0.39	11	40	76	76	64
19	30	---	---	---	---	0.00	0.56	25	33	80	82	62
20	31	---	---	---	---	0.00	0.56	35	33	85	80	58
21	31	---	---	---	---	0.00	0.22	37	29	80	79	57
22	12	---	---	---	---	0.00	0.00	39	35	78	78	59
23	0.00	---	---	---	---	0.00	0.00	38	38	85	77	56
24	0.00	---	---	---	---	0.71	0.00	48	40	87	77	51
25	0.00	---	---	---	---	0.69	0.00	58	45	88	79	49
26	0.00	---	---	---	---	0.69	0.00	56	49	88	77	49
27	0.00	---	---	---	---	0.69	0.00	56	48	92	70	48
28	0.00	---	---	---	---	0.69	0.00	59	47	101	70	53
29	---	---	---	---	---	0.64	0.00	60	51	89	77	59
30	---	---	---	---	---	0.56	0.00	59	51	83	77	63
31	---	---	---	---	---	0.56	---	57	---	83	83	---
TOTAL	923	0	0	0	0	5.23	7.68	735.2	1484	2220	2427	2081
MEAN	32.9	---	---	---	---	0.33	0.25	23.7	49.4	71.6	78.3	69.3
MAX	56	---	---	---	---	0.71	0.56	60	77	101	92	91
MIN	0.00	---	---	---	---	0.00	0.00	0.00	29	44	70	48
AC-FT	1831	0.00	0.00	0.00	0.00	10	15	1458	2943	4403	4814	4128
CAL YEAR 2008	MAX	103.0	MIN	0.000	AC-FT	23160						
WTR YEAR 2009	MAX	101.0	MIN	0.000	AC-FT	19600						

GERING CREEK near Gering, 06681500

LOCATION.--SE1/4NE1/4 Sec. 6-21-54 W., Scotts Bluff County, Lat. 41° 49' 20", Long 103° 37' 02", on right bank 200 feet downstream from county road bridge, 0.2 mile downstream from bridge on State Highway 92, one mile upstream from the mouth, and two miles east of Gering.

GAGE.--Continuous stage recorder. Gage datum is 3,850.62 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Feb. 1931 - Sep. 1945, Oct. 1948 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,560 cubic feet per second June 8, 1958, gage height 18.3 ft. from high water mark; minimum daily discharge 5.0 cubic feet per second August 13, 16, 19, 1940.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,120 cubic feet per second June 14, gage height 7.55 feet; minimum daily discharge 14 cubic feet per second April 7.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27	22	17	20e	16e	16	19	18	116	133	111	121
2	27	22	18	20e	15	16	18	19	69	168	115	106
3	27	22	17	20e	17	16	19	20	30	142	110	91
4	26	21	16	20e	17	17	20	21	26	167	102	96
5	26	21	16	20e	17	19	17	22	25	163	147	99
6	26	21	18	20e	16	17	16	147	24	176	124	109
7	25	20	19	20e	16	15	14	156	53	169	104	118
8	25	20	19	19e	16	16	16	152	49	145	99	126
9	25	19	18	19e	17	16	20	158	39	127	105	136
10	25	19	18	19e	17	15	19	175	55	114	113	149
11	25	19	19	19e	17	15	19	143	82	101	112	159
12	32	32	19	19e	17	16	19	100	39	98	108	157
13	24	19	20	19e	17	16	19	135	26	92	104	160
14	24	19	18	19e	17	17	19	142	219	95	104	178
15	24	19	17	19e	17	17	19	139	124	99	109	191
16	24	19	15	19e	17	17	18	152	50	99	116	166
17	24	18	15	18e	18	18	38	137	46	96	116	144
18	24	18	15	18e	17	18	30	143	71	105	117	147
19	24	18	15	18e	17	18	27	94	61	116	109	132
20	23	18	14	18e	17	20	21	68	61	116	106	48
21	24	18	14	18e	16	19	20	53	61	108	102	36
22	23	17	16	18e	17	20	20	66	37	101	100	33
23	23	17	15	17e	17	23	20	69	51	97	100	33
24	23	17	15	17e	17	50	17	84	42	99	100	33
25	23	17	16	17e	16	20	16	92	189	102	97	31
26	23	17	16	17e	16	19	17	80	160	107	106	30
27	22	17	15	16e	15	18	17	90	145	115	101	29
28	23	18	16	16e	15	19	17	92	140	125	103	29
29	23	18	17	16e	---	21	17	92	133	120	110	29
30	22	18	16	16e	---	21	18	108	146	123	109	29
31	22	---	16	16e	---	18	---	122	---	117	117	---
TOTAL	758	580	515	567	464	583	586	3089	2369	3735	3376	2945
MEAN	24.5	19.3	16.7	18.3	16.6	18.8	19.6	99.7	78.9	120.5	108.9	98.1
MAX	32	32	20	20	18	50	38	175	219	176	147	191
MIN	22	17	14	16	15	15	14	18	24	92	97	29
AC-FT	1503	1150	1021	1125	920	1156	1162	6127	4699	7408	6696	5841
CAL YEAR 2008 TOTAL			18903	MEAN	51.6	MAX	246.0	MIN	13.0	AC-FT	37490	
WTR YEAR 2009 TOTAL			19567	MEAN	53.6	MAX	219.0	MIN	14.0	AC-FT	38810	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

CASTLE ROCK - STEAMBOAT CANAL from North Platte River, 00021000

LOCATION.--NE1/4SE1/4 Sec. 14-21-54 W. near Melbeta

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	---	---	---	---	---	0.00	49	62	54	72	73
2	34	---	---	---	---	---	0.00	54	62	55	74	79
3	33	---	---	---	---	---	0.00	58	61	58	81	76
4	31	---	---	---	---	---	0.00	59	57	61	80	74
5	31	---	---	---	---	---	0.00	74	54	59	80	75
6	31	---	---	---	---	---	0.00	72	52	58	80	77
7	30	---	---	---	---	---	0.00	64	52	59	82	74
8	31	---	---	---	---	---	0.00	42	53	55	83	71
9	30	---	---	---	---	---	0.00	51	55	54	89	70
10	33	---	---	---	---	---	0.00	54	57	70	84	63
11	38	---	---	---	---	---	0.00	44	51	75	83	64
12	39	---	---	---	---	---	0.00	45	33	79	82	65
13	26	---	---	---	---	---	0.00	44	31	80	80	66
14	18	---	---	---	---	---	0.00	48	37	81	87	66
15	18	---	---	---	---	---	0.00	47	29	87	86	66
16	17	---	---	---	---	0.00	0.00	44	26	83	89	67
17	18	---	---	---	---	0.00	0.00	46	31	83	91	66
18	18	---	---	---	---	0.00	0.00	54	39	83	87	64
19	0.00	---	---	---	---	0.00	0.00	53	32	81	78	63
20	0.00	---	---	---	---	0.00	0.00	64	31	79	80	56
21	0.00	---	---	---	---	0.00	0.00	63	30	83	79	55
22	0.00	---	---	---	---	0.00	0.00	62	43	88	79	56
23	0.00	---	---	---	---	0.00	0.00	63	35	85	79	52
24	0.00	---	---	---	---	0.00	0.00	66	30	77	81	45
25	0.00	---	---	---	---	0.00	0.00	75	30	87	84	44
26	0.00	---	---	---	---	0.00	0.00	70	29	80	89	41
27	0.00	---	---	---	---	0.00	0.00	70	29	84	94	38
28	0.00	---	---	---	---	0.00	14	62	29	78	88	37
29	---	---	---	---	---	0.00	22	62	41	80	72	42
30	---	---	---	---	---	0.00	43	62	52	81	71	40
31	---	---	---	---	---	0.00	---	62	---	77	72	---
TOTAL	510	0	0	0	0	0	79	1783	1253	2294	2536	1825
MEAN	18.2	---	---	---	---	0.000	2.7	57.5	41.8	73.9	81.8	60.8
MAX	39	---	---	---	---	0.00	43	75	62	88	94	79
MIN	0.00	---	---	---	---	0.00	0.00	42	26	54	71	37
AC-FT	1012	0.00	0.00	0.00	0.00	0.00	157	3537	2485	4550	5030	3620
CAL YEAR 2008	MAX	99.0	MIN	0.000	AC-FT	21760						
WTR YEAR 2009	MAX	94.0	MIN	0.000	AC-FT	20390						

NORTH PLATTE RIVER near Minatare, 06682000

LOCATION.--Main channel gage: SW1/4SW1/4 Sec. 18-21-53 W., Scotts Bluff County, Lat. 41° 47' 24", Long. 103° 31' 08", on right bank 15 feet downstream from bridge on State Highway 326, 1.8 mile southwest of Minatare; Nine Mile channel gage: NE1/4SE1/4 Sec. 13-21-54 W., Scotts Bluff County, Lat. 41° 47' 32", Long. 103° 31' 08", on left bank 20 feet upstream from bridge on State Highway 326 and 750 feet north of main channel bridge.

GAGE.--Continuous stage recorders operated on Main and Nine Mile channels. Main channel gage datum 3,807.0 feet above sea level; Nine Mile Channel gage datum 3,812.3 feet above sea level.

PERIOD OF RECORD.--Irrigation season 1916 - 1919 & 1922, June 1923 - present (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 19,500 cubic feet per second July 2, 1917, combined channel discharge; minimum daily discharge 11 cubic feet per second August 16 - 18, 1940, combined channel discharge.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,060 cubic feet per second June 4, combined channel discharge; minimum daily discharge 47 cubic feet per second May 29, combined channel discharge.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	357	601	540	467	474	400	396	363	548	602	527	547
2	357	602	546	470	468	395	399	372	511	621	499	505
3	347	602	538	469	470	399	399	365	525	606	464	482
4	346	597	532e	456	451	400	426	365	491	675	453	460
5	344	595	528e	455	448	399	413	375	447	643	484	456
6	336	594	527	447	450	399	404	561	415	626	473	455
7	329	587	533	445	451	400	413	699	424	698	533	491
8	333	593	529	455	452	378	430	721	409	631	448	507
9	332	592	521	460	453	372	445	679	401	582	548	619
10	357	586	519	456	447	374	457	739	459	539	547	694
11	493	582	520	460	442	376	457	777	875	498	515e	685
12	577	593	525	460	435	393	454	722	635	619	437e	683
13	562	593	528	461	430	415	449	674	516	642	393e	755
14	564	584	519e	456	425	423	443	681	555	586	376e	839
15	570	571	520e	457	422	428	434	683	868	526	384e	926
16	578	573	515e	472	416	433	430	652	628	460	415e	917
17	591	567	515e	475	413	434	552	655	499	406	434e	936
18	580	569	510e	476	412	433	580	632	667	414	445e	920
19	578	567	510e	476	410	427	613	499	467	386	441e	800
20	586	558	505e	475	407	397	580	411	434	373	416e	608
21	564	556	505e	477	405	397	536	365	418	370	396e	609
22	564	549	495e	483	407	390	505	367	374	364	389e	707
23	602	548	490e	485	409	420	488	386	449	351	390e	748
24	622	545	480e	480	412	419	467	432	410	338	397e	639
25	611	550	469e	478e	408	401	445	564	595	351	424e	589
26	599	551	465e	480e	409	392	450	517	683	367	482e	521
27	602	545	469e	480e	406	388	438	520	682	397	598	489
28	607	551	461e	480e	402	387	424	553	651	527	585	573
29	603	549	459e	480e	---	395	417	550	664	567	541	751
30	606	545	468	485e	---	405	385	546	694	595	516	748
31	598	---	462	474e	---	399	---	545	---	533	557	---
TOTAL	15695	17195	15703	14530	12034	12468	13729	16970	16394	15893	14507	19659
MEAN	506.3	573.2	506.6	468.7	429.7	402.1	457.6	547.4	546.4	512.6	467.9	655.3
MAX	622	602	546	485	474	434	613	777	875	698	598	936
MIN	329	545	459	445	402	372	385	363	374	338	376	455
AC-FT	31130	34110	31150	28820	23870	24730	27230	33660	32520	31520	28770	38990
CAL YEAR 2008	TOTAL		168972	MEAN	461.7	MAX	1430	MIN	155.0	AC-FT	335200	
WTR YEAR 2009	TOTAL		184777	MEAN	506.2	MAX	936.0	MIN	329.0	AC-FT	366500	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from North Platte River, 00106000

LOCATION.--SW1/4SW1/4 SEC. 16-21-53 W. near Minatare

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1918 - 1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	19	---	---	---	---	0.00	0.00	31	18	26	24
2	35	19	---	---	---	---	0.00	0.00	35	17	25	24
3	30	17	---	---	---	---	0.00	0.00	49	20	25	23
4	28	15	---	---	---	---	0.00	7.0	51	23	24	23
5	23	17	---	---	---	---	0.00	22	28	22	27	22
6	24	13	---	---	---	---	0.00	23	33	20	26	23
7	27	12	---	---	---	---	0.00	31	29	20	23	25
8	31	11	---	---	---	---	0.00	37	27	19	24	23
9	31	11	---	---	---	---	0.00	35	25	19	26	24
10	28	10	---	---	---	---	0.00	29	31	17	26	26
11	29	10	---	---	---	---	0.00	30	17	17	26	25
12	33	10	---	---	---	---	0.00	33	16	23	25	24
13	33	10	---	---	---	0.00	0.00	38	15	25	23	25
14	32	10	---	---	---	0.00	0.00	48	13	27	21	25
15	32	10	---	---	---	0.00	0.00	52	12	25	21	25
16	32	10	---	---	---	0.00	0.00	49	11	25	22	23
17	31	10	---	---	---	0.00	0.00	42	9.7	23	23	22
18	31	10	---	---	---	0.00	0.00	38	9.9	22	23	22
19	30	3.0	---	---	---	0.00	0.00	36	10	21	23	21
20	21	0.00	---	---	---	0.00	0.00	36	11	20	23	26
21	15	0.00	---	---	---	0.00	0.00	36	11	21	22	27
22	13	0.00	---	---	---	0.00	0.00	36	11	18	22	28
23	13	---	---	---	---	0.00	0.00	37	12	21	22	27
24	16	---	---	---	---	0.00	0.00	38	13	23	22	17
25	18	---	---	---	---	0.00	0.00	47	16	24	22	17
26	19	---	---	---	---	0.00	0.00	48	17	24	23	16
27	16	---	---	---	---	0.00	0.00	49	15	24	24	15
28	15	---	---	---	---	0.00	0.00	51	15	29	26	15
29	14	---	---	---	---	0.00	0.00	52	15	30	25	18
30	14	---	---	---	---	0.00	0.00	47	19	29	25	18
31	14	---	---	---	---	0.00	---	41	---	28	24	---
TOTAL	765	227	0	0	0	0	0	1068	607.6	694	739	673
MEAN	24.6	10.4	---	---	---	0.000	0.000	34.4	20.3	22.3	23.8	22.4
MAX	37	19	---	---	---	0.00	0.00	52	51	30	27	28
MIN	13	0.00	---	---	---	0.00	0.00	0.00	9.7	17	21	15
AC-FT	1517	450	0.00	0.00	0.00	0.00	0.00	2118	1205	1377	1466	1335
CAL YEAR 2008	MAX	67.0	MIN	0.000	AC-FT	11920						
WTR YEAR 2009	MAX	52.0	MIN	0.000	AC-FT	9468						

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from Ninemile Creek, 00106100

LOCATION.--SE1/4SW1/4 SEC. 10-21-53 W. near Minatare

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1988 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	45	---	---	---	---	---	0.00	0.00	5.2	42	55	44
2	44	---	---	---	---	---	0.00	0.00	15	34	64	33
3	42	---	---	---	---	---	0.00	0.00	23	29	64	41
4	46	---	---	---	---	---	0.00	0.00	26	32	46	43
5	41	---	---	---	---	---	0.00	0.00	4.2	31	45	47
6	39	---	---	---	---	---	0.00	0.00	18	33	47	53
7	39	---	---	---	---	---	0.00	0.00	17	42	54	51
8	36	---	---	---	---	---	0.00	0.20	11	43	39	40
9	44	---	---	---	---	---	0.00	0.07	8.6	53	23	49
10	39	---	---	---	---	---	0.00	0.09	15	55	40	41
11	24	---	---	---	---	---	0.00	1.6	22	53	38	42
12	32	---	---	---	---	---	0.00	0.90	0.59	41	40	39
13	37	---	---	---	---	0.00	0.00	2.5	0.00	31	50	32
14	43	---	---	---	---	0.00	0.00	5.6	0.00	45	44	31
15	49	---	---	---	---	0.00	0.00	16	0.00	53	45	34
16	49	---	---	---	---	0.00	0.00	13	0.00	44	50	39
17	49	---	---	---	---	0.00	0.00	13	0.00	40	58	37
18	50	---	---	---	---	0.00	0.00	19	0.00	45	60	37
19	50	---	---	---	---	0.00	0.00	19	0.00	50	58	36
20	45	---	---	---	---	0.00	0.00	32	0.00	40	50	30
21	31	---	---	---	---	0.00	0.00	33	0.00	49	50	16
22	16	---	---	---	---	0.00	0.00	38	0.00	57	58	24
23	0.00	---	---	---	---	0.00	0.00	42	2.8	59	53	33
24	0.00	---	---	---	---	0.00	0.00	39	2.3	59	50	35
25	0.00	---	---	---	---	0.00	0.00	27	2.6	59	53	36
26	0.00	---	---	---	---	0.00	0.00	38	5.2	59	48	35
27	0.00	---	---	---	---	0.00	0.00	42	7.8	44	43	34
28	0.00	---	---	---	---	0.00	0.00	42	8.6	48	29	34
29	---	---	---	---	---	0.00	0.00	41	17	60	29	38
30	---	---	---	---	---	0.00	0.00	37	54	56	34	39
31	---	---	---	---	---	0.00	---	29	---	53	45	---
TOTAL	890	0	0	0	0	0	0	530.96	265.89	1439	1462	1123
MEAN	31.7	---	---	---	---	0.000	0.000	17.2	8.8	46.5	47.1	37.4
MAX	50	---	---	---	---	0.00	0.00	42	54	60	64	53
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	29	23	16
AC-FT	1765	0.00	0.00	0.00	0.00	0.00	0.00	1053	527	2854	2900	2227
CAL YEAR 2008	MAX		74.0	MIN	0.000	AC-FT	12300					
WTR YEAR 2009	MAX		64.0	MIN	0.000	AC-FT	11330					

NORTH PLATTE RIVER BASIN

NINE MILE CREEK near McGrew, 06682500

LOCATION.--SE1/4SE1/4 Sec. 23-21-53 W., Scotts Bluff County, Lat. 41° 46' 15", Long. 103° 25' 18", on right bank 65 feet upstream from county highway bridge, 0.5 mile upstream from mouth, and 1.5 miles north of McGrew.

PERIOD OF RECORD.--1932 - present

GAGE.--Continuous stage recorder. Altitude of gage is 3,780 feet from topographic map.

REMARKS.--Published by the U. S. Geological Survey up to October 1, 1979. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,470 cubic feet per second, May 24, 1987, gage height 6.69 feet; minimum daily discharge 12 cubic feet per second May 13 & 14, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 644 cubic feet per second June 10, gage height 6.62 feet; minimum daily discharge 28 cubic feet per second May 2 & 3.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	113	98	64	56	48	47	48	31	79	79	142	143
2	114	99	63	54	49	48	48	28	86	75	133	145
3	110	94	60	53	48	49	48	28	72	105	121	135
4	105	90	60	51	49	50	48	30	74	138	119	136
5	91	88	64	53	49	50	48	46	75	118	115	140
6	93	81	65	56	54	49	49	55	71	91	113	153
7	105	77	62	55	52	50	51	60	93	90	112	154
8	115	78	64	56	52	51	52	62	87	93	121	159
9	105	77	61	55	54	51	51	58	79	87	176	156
10	116	81	63	56	54	51	49	55	211	87	161	157
11	166	81	64	54	54	50	50	51	279	86	138	150
12	109	81	64	53	54	50	47	54	153	119	117	161
13	94	77	66	55	56	49	45	91	113	184	109	177
14	86	75	62	57	54	49	44	69	102	171	117	177
15	79	75	73	55	54	50	44	112	100	168	121	163
16	79	81	60	55	53	52	46	132	96	159	122	147
17	79	81	60	55	51	52	64	160	98	122	124	140
18	78	81	59	53	53	52	62	141	99	118	124	137
19	75	80	59	53	51	52	59	86	90	112	130	136
20	65	76	58	56	48	52	58	61	93	129	131	137
21	64	77	54	57	44	53	54	63	94	120	130	142
22	76	74	55	56	45	53	52	52	91	115	119	141
23	74	71	54	57	46	61	53	49	160	109	123	136
24	75	67	53	56	47	96	54	55	88	107	124	119
25	83	64	50	55	47	64	57	79	82	97	126	118
26	80	61	49	54	48	54	56	82	87	97	136	109
27	83	60	48	56	47	49	50	78	76	122	139	107
28	88	61	49	58	46	48	42	71	72	152	151	112
29	88	65	49	54	---	48	41	59	81	165	151	127
30	86	66	51	50	---	47	34	61	99	167	150	89
31	90	---	54	47	---	46	---	62	---	156	145	---
TOTAL	2864	2317	1817	1691	1407	1623	1504	2121	3080	3738	4040	4203
MEAN	92.5	77.2	58.7	54.6	50.3	52.4	50.2	68.4	102.6	120.5	130.2	140.2
MAX	166	99	73	58	56	96	64	160	279	184	176	177
MIN	64	60	48	47	44	46	34	28	71	75	109	89
AC-FT	5681	4596	3604	3354	2791	3219	2983	4207	6109	7414	8013	8337
CAL YEAR 2008	TOTAL		27437	MEAN	75.0	MAX	362.0	MIN	7.1	AC-FT	54420	
WTR YEAR 2009	TOTAL		30405	MEAN	83.3	MAX	279.0	MIN	28.0	AC-FT	60310	

NORTH PLATTE RIVER BASIN

SHORT LINE CANAL from North Platte River, 00133000

LOCATION.--NW1/4SE1/4 Sec. 25-21-53 W. near McGrew

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1916, 1920 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	11	---	---	---	---	0.00	0.00	37	12	25	30
2	17	11	---	---	---	---	0.00	0.00	35	14	24	30
3	16	10	---	---	---	---	0.00	0.00	30	18	25	28
4	16	8.9	---	---	---	---	0.00	0.00	24	24	26	28
5	14	9.1	---	---	---	---	0.00	9.3	21	21	27	28
6	14	7.8	---	---	---	---	0.00	18	21	17	29	31
7	15	0.00	---	---	---	---	0.00	17	24	28	30	32
8	16	0.00	---	---	---	---	0.00	14	21	33	28	32
9	16	0.00	---	---	---	---	0.00	13	17	33	29	33
10	16	0.00	---	---	---	---	0.00	12	15	33	27	33
11	22	---	---	---	---	---	0.00	11	0.00	32	25	30
12	15	---	---	---	---	0.00	0.00	11	0.00	28	28	27
13	8.4	---	---	---	---	0.00	0.00	12	0.00	29	25	25
14	7.4	---	---	---	---	0.00	0.00	10	0.00	27	28	24
15	7.0	---	---	---	---	0.00	0.00	14	0.00	30	28	24
16	7.1	---	---	---	---	0.00	0.00	17	0.00	30	27	23
17	7.1	---	---	---	---	0.00	0.00	22	0.00	31	28	25
18	7.0	---	---	---	---	0.00	0.00	21	0.00	32	29	26
19	7.1	---	---	---	---	0.00	0.00	18	0.00	32	28	26
20	6.7	---	---	---	---	0.00	0.00	25	0.00	33	28	26
21	6.6	---	---	---	---	0.00	0.00	27	0.00	30	29	23
22	8.7	---	---	---	---	0.00	0.00	29	0.00	31	27	21
23	10	---	---	---	---	0.00	0.00	32	0.00	32	29	20
24	9.8	---	---	---	---	0.00	0.00	39	0.00	33	29	19
25	10	---	---	---	---	0.00	0.00	38	0.00	31	30	19
26	10	---	---	---	---	0.00	0.00	36	0.00	33	33	18
27	10	---	---	---	---	0.00	0.00	35	0.00	36	32	18
28	11	---	---	---	---	0.00	0.00	37	0.00	36	30	19
29	9.6	---	---	---	---	0.00	0.00	36	7.6	33	31	21
30	8.1	---	---	---	---	0.00	0.00	35	11	32	31	17
31	8.9	---	---	---	---	0.00	---	34	---	28	30	---
TOTAL	354.5	57.8	0	0	0	0	0	622.3	263.6	892	875	756
MEAN	11.5	5.8	---	---	---	0.000	0.000	20.1	8.8	28.8	28.3	25.3
MAX	22	11	---	---	---	0.00	0.00	39	37	36	33	33
MIN	6.6	0.00	---	---	---	0.00	0.00	0.00	0.00	12	24	17
AC-FT	703	115	0.00	0.00	0.00	0.00	0.00	1234	523	1769	1736	1500
CAL YEAR 2008	MAX	52.0	MIN	0.000	AC-FT	10230						
WTR YEAR 2009	MAX	39.0	MIN	0.000	AC-FT	7579						

NORTH PLATTE RIVER BASIN

CHIMNEY ROCK CANAL from North Platte River, 00024000

LOCATION.--NE1/4SE1/4 Sec. 1-20-53 W. near Bayard

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54	25	---	---	---	---	0.00	0.00	52	35	79	59
2	53	25	---	---	---	---	0.00	0.00	52	35	80	58
3	53	24	---	---	---	---	0.00	0.00	51	35	79	58
4	51	24	---	---	---	---	0.00	0.00	51	41	70	57
5	45	24	---	---	---	---	0.00	2.0	51	41	65	58
6	40	24	---	---	---	---	0.00	3.3	47	37	64	60
7	39	0.00	---	---	---	---	0.00	2.9	49	50	63	58
8	38	0.00	---	---	---	---	0.00	9.0	53	55	63	59
9	38	0.00	---	---	---	---	0.00	9.7	52	53	66	59
10	37	0.00	---	---	---	---	0.00	15	42	53	66	59
11	39	---	---	---	---	---	0.00	19	33	53	61	60
12	30	---	---	---	---	---	0.00	15	28	58	58	60
13	29	---	---	---	---	0.00	0.00	15	23	65	57	62
14	28	---	---	---	---	0.00	0.00	30	22	62	56	64
15	27	---	---	---	---	0.00	0.00	37	28	59	55	60
16	27	---	---	---	---	0.00	0.00	40	24	57	56	57
17	27	---	---	---	---	0.00	0.00	41	32	63	56	58
18	27	---	---	---	---	0.00	0.00	42	37	70	56	58
19	29	---	---	---	---	0.00	0.00	43	25	70	56	57
20	31	---	---	---	---	0.00	0.00	50	25	70	56	53
21	31	---	---	---	---	0.00	0.00	52	25	72	57	57
22	31	---	---	---	---	0.00	0.00	53	25	73	58	60
23	30	---	---	---	---	0.00	0.00	59	21	71	59	61
24	30	---	---	---	---	0.00	0.00	66	18	69	62	58
25	29	---	---	---	---	0.00	0.00	57	20	68	64	56
26	28	---	---	---	---	0.00	0.00	58	32	68	64	59
27	27	---	---	---	---	0.00	0.00	56	39	71	64	62
28	27	---	---	---	---	0.00	0.00	57	37	78	64	67
29	26	---	---	---	---	0.00	0.00	56	36	81	63	69
30	26	---	---	---	---	0.00	0.00	54	41	80	62	63
31	25	---	---	---	---	0.00	---	53	---	79	61	---
TOTAL	1052	146	0	0	0	0	0	994.9	1071	1872	1940	1786
MEAN	34.0	14.6	---	---	---	0.000	0.000	32.1	35.6	60.3	62.6	59.5
MAX	54	25	---	---	---	0.00	0.00	66	53	81	80	69
MIN	25	0.00	---	---	---	0.00	0.00	0.00	18	35	55	53
AC-FT	2087	290	0.00	0.00	0.00	0.00	0.00	1973	2124	3713	3848	3542
CAL YEAR 2008	TOTAL	10847	MEAN	46.2	MAX	95.0	MIN	0.000	AC-FT	21510		
WTR YEAR 2009	TOTAL	8862	MEAN	36.5	MAX	81.0	MIN	0.000	AC-FT	17580		

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Bayard Creek, 00002000

LOCATION.--NW1/4SW1/4 Sec. 4-20-52 W. near Bayard

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1924 - 1926, 1928 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	14	---	---	---	---	0.00	20	24	0.00	16	34
2	20	15	---	---	---	---	0.00	20	23	0.00	15	34
3	19	21	---	---	---	---	3.0	19	23	0.00	13	33
4	18	21	---	---	---	---	11	18	24	0.00	12	34
5	17	19	---	---	---	---	15	20	23	0.00	10	35
6	17	16	---	---	---	0.00	8.7	20	23	0.00	9.6	36
7	16	7.2	---	---	---	0.00	11	18	24	0.00	20	37
8	16	5.6	---	---	---	0.00	11	18	25	0.00	21	36
9	16	4.0	---	---	---	0.00	10	19	25	6.2	26	36
10	15	3.3	---	---	---	0.00	9.6	19	21	20	27	35
11	17	4.1	---	---	---	0.00	8.8	18	12	20	25	33
12	22	5.0	---	---	---	0.00	8.9	16	0.35	20	26	32
13	23	5.6	---	---	---	0.00	8.9	18	0.00	22	26	32
14	20	6.5	---	---	---	0.00	8.9	24	8.0	19	28	31
15	19	7.1	---	---	---	0.00	9.0	27	20	19	31	31
16	23	8.2	---	---	---	0.00	9.3	26	18	17	30	31
17	22	1.1	---	---	---	0.00	19	27	19	21	30	30
18	22	---	---	---	---	0.00	20	25	21	21	31	29
19	23	---	---	---	---	0.00	18	24	20	16	31	29
20	24	---	---	---	---	0.00	14	27	18	9.3	31	30
21	23	---	---	---	---	0.00	12	27	18	7.8	29	31
22	21	---	---	---	---	0.00	11	24	18	8.5	31	30
23	17	---	---	---	---	0.00	11	24	17	10	32	29
24	16	---	---	---	---	0.00	11	25	1.3	11	32	29
25	17	---	---	---	---	0.00	10	29	0.00	16	33	30
26	17	---	---	---	---	0.00	11	31	0.00	19	33	28
27	19	---	---	---	---	0.00	10	31	0.00	18	32	26
28	20	---	---	---	---	0.00	10	29	0.00	19	30	24
29	17	---	---	---	---	0.00	11	27	0.00	17	30	20
30	16	---	---	---	---	0.00	19	26	0.00	15	32	18
31	15	---	---	---	---	0.00	---	24	---	16	33	---
TOTAL	586	163.7	0	0	0	0	320.1	720	425.65	367.8	805.6	923
MEAN	19.0	9.6	---	---	---	0.000	10.7	23.3	14.2	11.8	26.0	30.8
MAX	24	21	---	---	---	0.00	20	31	25	22	33	37
MIN	15	1.1	---	---	---	0.00	0.00	16	0.00	0.00	9.6	18
AC-FT	1162	325	0.00	0.00	0.00	0.00	635	1428	844	730	1598	1831
CAL YEAR 2008	MAX	30.0	MIN	0.000	AC-FT	7040						
WTR YEAR 2009	MAX	37.0	MIN	0.000	AC-FT	8552						

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Red Willow Creek, 00003000

LOCATION.--NW1/4SW1/4 Sec. 6-20-51 W. near Bayard

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1918 - 1926, 1928 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.5	4.7	---	---	---	---	0.00	0.00	31	7.2	39	33
2	11	5.0	---	---	---	---	0.00	0.00	38	11	35	35
3	9.0	5.2	---	---	---	---	0.00	1.0	27	18	33	34
4	8.3	5.4	---	---	---	---	0.00	12	31	20	31	30
5	6.7	5.6	---	---	---	---	0.00	14	28	18	32	30
6	2.5	6.4	---	---	---	0.00	0.00	11	6.3	18	34	35
7	1.8	6.2	---	---	---	0.00	0.00	9.5	5.3	13	33	35
8	2.8	6.1	---	---	---	0.00	0.00	12	5.3	15	34	35
9	2.4	5.8	---	---	---	0.00	0.00	13	5.2	19	37	36
10	3.2	5.5	---	---	---	0.00	0.00	11	9.5	29	30	35
11	1.2	5.7	---	---	---	0.00	0.00	12	8.1	31	33	30
12	2.2	5.8	---	---	---	0.00	0.00	14	7.4	29	34	30
13	0.32	5.8	---	---	---	0.00	0.00	13	6.7	32	35	34
14	0.00	5.6	---	---	---	0.00	0.00	1.0	3.9	30	33	32
15	3.6	3.7	---	---	---	0.00	0.00	0.99	0.00	33	31	31
16	4.2	1.4	---	---	---	0.00	0.00	1.4	0.00	33	31	28
17	4.1	0.00	---	---	---	0.00	0.00	3.5	0.00	31	37	29
18	3.7	---	---	---	---	0.00	0.00	14	0.00	32	38	29
19	2.6	---	---	---	---	0.00	0.00	46	0.00	35	34	27
20	1.0	---	---	---	---	0.00	0.00	50	0.00	28	35	27
21	1.4	---	---	---	---	0.00	0.00	37	0.00	48	36	26
22	1.5	---	---	---	---	0.00	0.00	22	0.00	51	39	25
23	1.6	---	---	---	---	0.00	0.00	28	0.00	48	38	19
24	1.8	---	---	---	---	0.00	0.00	31	0.00	47	36	6.9
25	1.2	---	---	---	---	0.00	0.00	25	0.00	49	35	5.3
26	0.35	---	---	---	---	0.00	0.00	14	0.00	49	33	13
27	1.5	---	---	---	---	0.00	0.00	18	0.00	47	33	9.2
28	3.6	---	---	---	---	0.00	0.00	21	0.00	48	33	7.0
29	4.0	---	---	---	---	0.00	0.00	22	0.00	46	31	1.8
30	4.3	---	---	---	---	0.00	0.00	26	3.6	42	31	1.2
31	4.5	---	---	---	---	0.00	---	30	---	42	31	---
TOTAL	104.87	83.9	0	0	0	0	0	513.39	216.3	999.2	1055	749.4
MEAN	3.4	4.9	---	---	---	0.000	0.000	16.6	7.2	32.3	34.0	25.0
MAX	11	6.4	---	---	---	0.00	0.00	50	38	51	39	36
MIN	0.00	0.00	---	---	---	0.00	0.00	0.00	0.00	7.2	30	1.2
AC-FT	208	166	0.00	0.00	0.00	0.00	0.00	1018	429	1982	2093	1486
CAL YEAR 2008	MAX	50.0	MIN	0.000	AC-FT	7666						
WTR YEAR 2009	MAX	51.0	MIN	0.000	AC-FT	7383						

BAYARD CREEK near Bayard, 06683000

LOCATION.--NW1/4SW1/4 Sec. 4-20-52 W., Morrill County, Lat. 41° 44' 10", Long. 103° 19' 53", on left bank 600 feet upstream from mouth and 1.2 mile south of Bayard. Reached by driving one mile south of railroad tracks at Bayard on Highway 26 to access right-of-way road where Alliance Canal crosses highway. Then west on right-of-way along canal access road to abandoned canal siphon. Gage on left bank of stream in center of concrete box flume.

DRAINAGE AREA.--No definite drainage area. Flows affected by ground water withdrawals and irrigation diversion return flows.

GAGE.--Continuous stage recorder. Gage datum is 3,746.28 feet above sea level.

PERIOD OF RECORD.--1931 - present

REMARKS.--Published by U.S. Geological Survey up to October 1, 1979 as Bayard Sugar Factory Drain near Bayard. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 391 cubic feet per second July 3, 1956, gage height 4.32 feet; no flow June 1, 2, July 4 - 8, 1934, May 16, 17, 1936, August 8, 9, 1960, April 29, 30, May 4, 5, 1962, May 23 - 31, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharge 196 cubic feet per second June 11, gage height 3.16 feet; minimum daily discharge 0.81 cubic feet per second April 15.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	17	14	12	12	11	9.7	3.5	15	25	51	39
2	23	12	14	12	12	11	9.8	3.7	13	31	51	37
3	23	6.7	14	12	13	11	7.1	3.4	15	34	47	36
4	22	6.6	14	11	13	11	2.9	2.7	16	38	42	37
5	22	6.1	14	11	13	11	3.7	4.9	16	39	39	39
6	22	16	14	12	13	11	1.7	4.3	14	39	30	43
7	22	20	15	12	13	11	1.7	2.3	19	40	24	47
8	21	19	15	12	13	11	1.7	2.2	22	36	23	44
9	21	18	14	12	13	11	1.6	2.7	20	29	30	47
10	20	17	14e	11	12	9.7	1.6	2.3	47	17	29	50
11	22	18	14e	11	12	9.2	1.6	2.1	111	22	25	43
12	26	17	14e	11	11	8.9	1.6	1.8	80	25	25	41
13	26	17	14e	12	11	11	1.1	2.1	42	28	26	43
14	23	16	14e	12	11	12	0.85	4.6	22	24	30	42
15	24	16	14e	11	12	12	0.81	8.4	8.5	24	37	38
16	27	16	14	12	12	12	0.82	6.5	6.8	18	36	36
17	25	16	12	12	12	13	4.4	7.8	6.9	16	34	32
18	25	16	12	12	12	13	3.2	3.4	7.3	16	36	31
19	26	15	12	12	12	13	1.9	2.8	6.0	29	34	30
20	26	15	11	13	12	14	1.3	6.8	5.3	39	34	31
21	26	15	12e	13	12	14	1.1	7.6	5.2	36	30	30
22	24	15	12	13	12	14	0.96	3.4	5.2	36	35	28
23	21	15	11	12	12	32	0.84	3.7	60	38	35	27
24	20	15	11	12	12	92	0.85	3.5	46	38	36	27
25	21	15	11	12	12	11	0.94	11	19	45	38	28
26	21	15	11	13	12	11	0.92	15	19	51	37	27
27	21	15	11	12e	11	11	0.93	14	18	49	34	27
28	22	15	12	13e	11	12	1.00	12	18	55	30	25
29	20	14	12	13e	---	12	1.1	12	19	51	31	24
30	19	14	12	13	---	11	2.3	11	20	47	33	23
31	18	---	12	13	---	10	---	12	---	49	37	---
TOTAL	703	448.4	400	374	338	456.8	70.02	183.5	722.2	1064	1059	1052
MEAN	22.7	14.9	12.8	12.0	12.1	14.6	2.3	5.9	24.0	34.3	34.2	35.0
MAX	27	20	15	13	13	92	9.8	15	111	55	51	50
MIN	18	6.1	11	11	11	8.9	0.81	1.8	5.2	16	23	23
AC-FT	1394	889	793	742	670	906	139	364	1432	2110	2100	2087
CAL YEAR 2008 TOTAL			6499	MEAN	17.8	MAX	95.0	MIN	0.33	AC-FT	12890	
WTR YEAR 2009 TOTAL			6871	MEAN	18.8	MAX	111.0	MIN	0.81	AC-FT	13630	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

RED WILLOW CREEK near Bayard, 06684000

LOCATION.--NE1/4NE1/4 SEC. 13-20-52 W., Morrill County, Lat. 41° 42' 51", Long. 103° 15' 10", on left bank 30 feet upstream from timber bridge, 0.2 mile downstream from Wild Horse Creek, 0.8 mile upstream from mouth, and 4.5 miles southeast of Bayard.

GAGE.--Continuous stage recorder. Gage datum is 3,717.29 feet above sea level.

PERIOD OF RECORD.--1931 - present

REMARKS.--Published by U.S. Geological Survey up to October 1, 1979. Records are good, except except estimated records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,320 cubic feet per second July 3, 1956, gage height 8.33 feet, present datum; maximum gage height 8.8 feet May 10, 1942, from flood mark, present datum; minimum daily discharge 15 cubic feet per second April 23, 1935, April 26, 1962.

EXTREMES FOR CURRENT YEAR.--Peak discharge 653 cubic feet per second June 10, gage height 8.54 feet; minimum daily discharge 20 cubic feet per second May 10.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	97	66	55	53	47	44	42	45	94	122	156	150
2	105	61	58	52	46	44	41	43	112	135	147	152
3	113	61	58	51	46	44	41	41	73	170	125	151
4	107	62	58	50	47	44	44	40	50	201	103	140
5	109	62	58	50	45	44	43	38	54	195	107	136
6	111	67	58	50	46	44	42	32	71	184	111	141
7	104	67	59	49	47	44	45	28	94	147	124	145
8	105	66	58	49	46	44	45	25	89	119	125	141
9	103	63	57	49	47	43	46	21	67	114	174	144
10	102	61	57	48	46	43	45	20	198	131	159	156
11	90	63	57	48	44	43	45	24	319	135	148	153
12	101	62	58	47	44	43	48	27	155	127	150	153
13	91	60	58	47	47	43	50	25	96	145	146	171
14	97	59	58e	47	46	43	50	108	86	123	137	186
15	91	62	57e	47	44	43	46	131	84	111	136	193
16	87	62	57	48	44	42	49	150	77	111	141	189
17	88	61	55	49	44	42	79	145	82	104	154	192
18	90	61	56	49	44	42	74	139	78	102	164	202
19	81	60	56	49	44	42	76	110	71	92	157	202
20	81	59	55	49	44	42	71	106	69	104	160	207
21	77	59	56	49	43	42	64	92	68	92	156	218
22	75	57	55	49	43	42	61	80	67	111	161	206
23	74	56	54	49	44	46	59	87	156	100	160	203
24	75	55	53	49	44	43	55	103	74	94	156	194
25	75	56	53	50	44	46	52	120	68	110	152	193
26	71	55	53	50	44	44	51	146	69	112	150	190
27	71	54	52	50	44	42	49	156	67	115	149	175
28	73	54	51	49	43	43	51	153	68	146	146	162
29	72	54	52	48	---	44	51	130	128	164	144	118
30	69	53	54	47	---	42	47	109	138	165	145	94
31	67	---	53	48	---	41	---	98	---	168	147	---
TOTAL	2752	1798	1729	1519	1257	1338	1562	2572	2922	4049	4490	5057
MEAN	88.9	59.9	55.7	49.0	45.0	43.2	52.1	83.0	97.4	130.6	144.8	168.5
MAX	113	67	59	53	47	46	79	156	319	201	174	218
MIN	67	53	51	47	43	41	41	20	50	92	103	94
AC-FT	5459	3566	3429	3013	2493	2654	3098	5101	5796	8031	8906	10030
CAL YEAR 2008	TOTAL		26137	MEAN	71.4	MAX	266.0	MIN	16.0	AC-FT	51840	
WTR YEAR 2009	TOTAL		31045	MEAN	85.1	MAX	319.0	MIN	20.0	AC-FT	61580	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River, 00009000

LOCATION.--NW1/4SW1/4 Sec. 20-20-51 W. near Bridgeport

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1916 - 1950, 1962 - present

REMARKS.--Published as Belmont - Empire Canal from 1951 - 1961

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	72	---	---	---	---	---	---	46	81	62	88	85
2	74	---	---	---	---	---	---	42	83	71	86	81
3	82	---	---	---	---	---	---	42	81	72	86	78
4	77	---	---	---	---	---	---	53	82	81	92	86
5	77	---	---	---	---	---	---	55	85	76	96	91
6	72	---	---	---	---	---	100	62	76	69	96	95
7	67	---	---	---	---	---	66	83	74	83	90	95
8	65	---	---	---	---	---	58	75	83	87	97	94
9	63	---	---	---	---	---	61	72	71	85	104	94
10	65	---	---	---	---	---	64	73	61	86	100	89
11	88	---	---	---	---	---	66	74	77	88	93	85
12	82	---	---	---	---	---	66	74	63	89	88	85
13	67	---	---	---	---	---	66	63	50	104	82	96
14	64	---	---	---	---	---	63	57	53	100	83	95
15	43	---	---	---	---	---	60	57	60	103	83	94
16	---	---	---	---	---	---	60	56	49	98	85	86
17	---	---	---	---	---	---	79	58	38	91	85	84
18	---	---	---	---	---	---	85	68	50	107	78	84
19	---	---	---	---	---	---	83	70	53	93	81	82
20	---	---	---	---	---	---	81	64	49	92	78	72
21	---	---	---	---	---	---	75	80	48	90	79	65
22	---	---	---	---	---	---	69	83	48	95	78	68
23	---	---	---	---	---	---	63	88	61	96	75	76
24	---	---	---	---	---	---	59	89	65	92	79	68
25	---	---	---	---	---	---	55	94	57	37	79	58
26	---	---	---	---	---	---	54	85	62	1.2	83	46
27	---	---	---	---	---	---	51	80	63	61	88	48
28	---	---	---	---	---	---	46	81	63	94	89	57
29	---	---	---	---	---	---	44	82	61	94	87	74
30	---	---	---	---	---	---	46	82	62	94	86	75
31	---	---	---	---	---	---	---	80	---	89	85	---
TOTAL	1058	0	0	0	0	0	1620	2168	1909	2580.2	2679	2386
MEAN	70.6	---	---	---	---	---	64.8	70.0	63.7	83.3	86.5	79.6
MAX	88	---	---	---	---	---	100	94	85	107	104	96
MIN	43	---	---	---	---	---	44	42	38	1.2	75	46
AC-FT	2099	0.00	0.00	0.00	0.00	0.00	3213	4300	3786	5118	5314	4733
CAL YEAR 2008	MAX	118.0	MIN	0.000	AC-FT	26100						
WTR YEAR 2009	MAX	107.0	MIN	1.2	AC-FT	28560						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from Cedar Creek, 00010000

LOCATION.--NE1/4SW1/4 Sec. 23-18-48 W. near Broadwater

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1919, 1922 - 1923, 1926 - 1927, 1929 - 1943, 1948 - 1952, 1955 - 1964, 1966 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.2	---	---	---	---	---	0.01	1.5	0.91	1.1	1.9	2.5
2	1.2	---	---	---	---	---	0.03	1.6	1.3	0.88	2.5	2.0
3	1.3	---	---	---	---	---	0.04	1.6	0.96	0.87	2.6	1.6
4	1.4	---	---	---	---	---	0.06	1.5	0.92	0.89	2.9	2.1
5	1.3	---	---	---	---	---	0.09	1.5	1.1	1.5	3.4	3.7
6	1.4	---	---	---	---	---	0.12	1.5	1.6	2.1	2.7	5.4
7	1.3	---	---	---	---	---	0.16	1.4	1.2	2.3	2.5	3.9
8	1.1	---	---	---	---	---	0.22	1.4	1.2	2.2	2.9	3.8
9	1.1	---	---	---	---	---	0.28	1.4	1.4	3.9	3.0	3.2
10	1.3	---	---	---	---	---	0.35	1.7	1.3	2.0	3.9	2.5
11	1.4	---	---	---	---	---	0.44	1.4	1.5	1.7	3.2	2.8
12	1.5	---	---	---	---	---	0.54	1.3	1.7	1.3	3.6	2.8
13	1.3	---	---	---	---	---	0.65	1.4	1.2	3.1	2.4	2.6
14	1.5	---	---	---	---	---	0.78	1.4	1.1	4.9	3.2	3.5
15	1.3	---	---	---	---	---	9.3	1.3	1.1	4.6	4.5	3.1
16	0.00	---	---	---	---	---	8.8	1.3	1.0	4.7	5.7	2.5
17	0.00	---	---	---	---	---	9.5	1.2	1.0	4.7	3.8	2.2
18	0.00	---	---	---	---	---	9.6	1.2	1.0	3.9	2.9	2.4
19	0.00	---	---	---	---	---	9.8	0.82	1.0	2.5	3.4	2.0
20	0.00	---	---	---	---	---	4.4	1.0	1.2	1.5	3.7	2.0
21	0.00	---	---	---	---	---	4.2	1.1	1.3	1.8	4.0	2.4
22	0.00	---	---	---	---	---	2.8	1.2	1.4	2.4	2.5	2.3
23	0.00	---	---	---	---	---	1.3	1.2	1.3	2.2	2.2	2.3
24	---	---	---	---	---	---	1.4	1.2	1.2	2.5	1.8	2.2
25	---	---	---	---	---	---	1.4	1.2	1.1	3.3	2.8	2.2
26	---	---	---	---	---	---	1.5	1.2	1.2	3.7	4.0	2.2
27	---	---	---	---	---	---	2.2	1.1	1.2	3.8	2.7	2.2
28	---	---	---	---	---	---	1.5	0.93	1.1	3.1	1.8	2.2
29	---	---	---	---	---	---	1.6	0.99	1.0	3.4	2.1	2.3
30	---	---	---	---	---	---	1.5	0.92	1.00	3.0	3.0	2.3
31	---	---	---	---	---	0.01	---	0.88	---	1.4	2.8	---
TOTAL	19.6	0	0	0	0	0.01	74.57	39.34	35.49	81.24	94.4	79.2
MEAN	0.86	---	---	---	---	0.006	2.5	1.3	1.2	2.6	3.0	2.6
MAX	1.5	---	---	---	---	0.01	9.8	1.7	1.7	4.9	5.7	5.4
MIN	0.00	---	---	---	---	0.01	0.01	0.82	0.91	0.87	1.8	1.6
AC-FT	39	0.00	0.00	0.00	0.00	0.02	148	78	70	161	187	157
CAL YEAR 2008	MAX		13.0	MIN	0.000	AC-FT	731					
WTR YEAR 2009	MAX		9.8	MIN	0.000	AC-FT	841					

NORTH PLATTE RIVER BASIN

EMPIRE CANAL from North Platte River, 00039000

LOCATION.--SE1/4NE1/4 Sec. 19-20-51 W. near Bridgeport

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - 1919, 1921 - 1926, 1929 - 1945, 1948 - 1950, 1962 - present

REMARKS.--Published as Belmont - Empire Canal, 1951 - 1961

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.9	---	---	---	---	---	0.00	0.89	32	2.3	23	7.5
2	8.5	---	---	---	---	---	0.00	0.89	32	2.4	22	7.5
3	17	---	---	---	---	---	0.00	0.98	32	2.4	17	7.2
4	17	---	---	---	---	---	0.00	1.3	32	2.4	16	19
5	16	---	---	---	---	---	0.00	1.6	44	2.3	16	25
6	15	---	---	---	---	---	2.6	1.7	50	2.2	16	25
7	20	---	---	---	---	---	2.4	2.3	50	2.2	16	25
8	27	---	---	---	---	---	1.8	7.0	52	2.1	16	25
9	27	---	---	---	---	---	1.5	10	42	2.2	16	25
10	27	---	---	---	---	---	1.5	11	26	2.3	16	24
11	28	---	---	---	---	---	1.5	11	29	2.4	16	28
12	28	---	---	---	---	0.00	1.2	11	27	2.4	16	31
13	27	---	---	---	---	0.00	1.1	6.6	25	2.3	15	32
14	26	---	---	---	---	0.00	1.1	1.6	8.6	2.3	15	32
15	14	---	---	---	---	0.00	0.93	1.6	1.8	2.3	15	31
16	---	---	---	---	---	0.00	0.75	1.6	1.6	7.1	15	31
17	---	---	---	---	---	0.00	1.2	1.6	1.5	14	12	31
18	---	---	---	---	---	0.00	1.5	1.6	1.5	14	2.7	28
19	---	---	---	---	---	0.00	1.4	1.5	1.6	13	2.6	26
20	---	---	---	---	---	0.00	1.4	1.2	1.6	13	2.4	24
21	---	---	---	---	---	0.00	1.4	1.3	1.6	13	2.4	23
22	---	---	---	---	---	0.00	1.4	17	1.7	13	2.5	24
23	---	---	---	---	---	0.00	1.3	27	1.7	13	2.5	25
24	---	---	---	---	---	0.00	1.2	28	1.8	24	2.5	24
25	---	---	---	---	---	0.00	1.1	29	1.8	13	2.4	21
26	---	---	---	---	---	0.00	1.0	29	1.9	0.72	2.3	19
27	---	---	---	---	---	0.00	1.0	28	2.0	14	2.2	19
28	---	---	---	---	---	0.00	0.91	29	2.1	23	6.0	27
29	---	---	---	---	---	0.00	0.79	31	2.2	23	7.9	36
30	---	---	---	---	---	0.00	0.78	32	2.3	24	7.6	36
31	---	---	---	---	---	0.00	---	32	---	23	7.5	---
TOTAL	301.4	0	0	0	0	0	32.76	360.26	510.3	279.32	331.5	738.2
MEAN	20.1	---	---	---	---	0.000	1.1	11.7	17.0	9.1	10.7	24.6
MAX	28	---	---	---	---	0.00	2.6	32	52	24	23	36
MIN	3.9	---	---	---	---	0.00	0.00	0.89	1.5	0.72	2.2	7.2
AC-FT	598	0.00	0.00	0.00	0.00	0.00	65	715	1012	554	658	1464
CAL YEAR 2008	MAX	37.0	MIN	0.000	AC-FT	5515						
WTR YEAR 2009	MAX	52.0	MIN	0.000	AC-FT	5065						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Bridgeport, 06684500

LOCATION.--Main channel gage: NW1/4SW1/4 Sec. 28-20-50 W., Morrill County, Lat. 41° 40' 37", Long. 103° 05' 44", on the right bank 75 feet downstream from the U.S. Highway 26 bridge, 0.8 miles north of Bridgeport.
 Browns Creek channel gage: NW1/4NW1/4 Sec. 28-20-50 W., Morrill County, Lat. 41° 40' 55", Long. 103° 05' 53", on right bank 0.2 miles upstream from culvert on U.S. Highway 26, 0.8 miles north of Bridgeport.

DRAINAGE AREA.--25,300 square miles, of which approximately 23,300 square miles contributes directly to surface runoff.

GAGE.--Main channel: Continuous stage recorder. Datum is 3,656.14 feet National Geodetic Vertical Datum of 1929. Browns Creek channel: Continuous stage recorder. Datum is 3,662.51 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1896 - Oct. 1900, May 1902 - Nov. 1906, June to Aug. 1915, May 1916 - present. Published as "near Camp Clark" 1896 - 1900, (some years did not have winter record and some years only had a monthly record).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 24,900 cubic feet per second June 26, 1899, gage height 5.39 feet at site and datum then in use, from graph based on gage readings; minimum daily discharge 55 cubic feet per second May 28, 1934, August 15, 1940, but may have been less for periods of no record for Browns Creek channel.

EXTREMES FOR CURRENT YEAR.--Peak discharge 4,710 cubic feet per second June 10, combined flow for both channels; minimum daily discharge 465 cubic feet per second April 7, combined flow for both channels.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	520	810	726	710e	640e	560	524	516	640	876	865	830
2	538	780	754	710e	640e	583	524	514	689	980	835	750
3	595	781	761	705e	640e	606	536	521	641	958	808	680
4	620	785	778	700e	645e	603	554	501	569	1070	731	633
5	625	763	795	700e	645e	644	542	486	594	1120	694	611
6	633	804	827	690e	650e	636	496	504	646	1050	702	670
7	592	812	843	686	660e	580	465	617	586	1010	693	787
8	568	839	829	723	675e	562	489	663	692	947	688	863
9	585	889	794	733	685	557	520	664	641	852	875	890
10	620	877	782	715	651	581	549	681	999	835	925	987
11	680	858	787	706	650	574	571	717	1600	787	846	1000
12	795	855	802	702	645	516	573	755	1190	786	814	948
13	825	857	795	688	679	513	566	716	858	920	761	951
14	872	843	736	687	699	519	559	763	805	892	697	999
15	906	826	730e	688	683	518	544	836	992	839	660	1030
16	938	836	730e	680	676	510	516	874	902	811	686	1070
17	907	817	730e	712	716	514	578	882	800	750	780	1040
18	912	788	725e	715	706	517	668	853	858	704	838	1060
19	907	767	725e	711	688	532	708	736	922	704	855	1070
20	910	752	725e	712	666	554	730	622	809	685	824	1080
21	926	768	725e	686	649	556	696	572	740	671	762	1070
22	933	741	720e	660	641	553	678	530	707	690	698	1060
23	936	735	720e	661	639	571	638	522	879	673	654	1110
24	929	715	720e	605	635	579	596	551	833	648	635	1040
25	920	733	720e	624	639	558	560	679	741	681	641	1010
26	891	752	715e	625e	619	532	556	727	861	785	691	959
27	863	750	715e	625e	615	495	559	731	857	700	774	887
28	883	762	715e	630e	588	499	614e	734	821	755	850	829
29	888	748	715e	630e	---	524	567e	699	874	837	851	825
30	868	733	710e	630e	---	541	536e	647	890	918	835	805
31	835	---	710e	640e	---	538	---	637	---	921	842	---
TOTAL	24420	23776	23259	21089	18364	17125	17212	20450	24636	25855	23810	27544
MEAN	787.7	792.5	750.3	680.3	655.9	552.4	573.7	659.7	821.4	833.7	768.0	918.3
MAX	938	889	843	733	716	644	730	882	1600	1120	925	1110
MIN	520	715	710	605	588	495	465	486	569	648	635	611
AC-FT	48440	47160	46130	41830	36420	33970	34140	40560	48860	51280	47230	54630
CAL YEAR 2008	TOTAL		245249	MEAN	670.1	MAX	1490	MIN	221.0	AC-FT	486400	
WTR YEAR 2009	TOTAL		267540	MEAN	733.0	MAX	1600	MIN	465.0	AC-FT	530700	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BROWNS CREEK CANAL from North Platte River, 00019000

LOCATION.--NW1/4SE1/4 Sec. 28-20-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 8 ft. Parshall flume with modified rating

PERIOD OF RECORD.--1916 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	---	---	---	---	---	0.00	0.00	25	24	39	50
2	38	---	---	---	---	---	0.00	0.00	26	23	50	49
3	37	---	---	---	---	---	0.00	0.00	25	25	70	48
4	34	---	---	---	---	---	0.00	0.00	23	26	79	49
5	34	---	---	---	---	---	0.00	0.00	25	28	79	51
6	33	---	---	---	---	---	0.00	29	24	41	81	52
7	34	---	---	---	---	---	0.00	22	21	51	81	53
8	34	---	---	---	---	---	0.00	24	23	51	83	54
9	15	---	---	---	---	---	0.00	29	23	54	18	44
10	0.00	---	---	---	---	---	0.00	36	19	54	14	32
11	---	---	---	---	---	---	0.00	37	8.4	56	37	28
12	---	---	---	---	---	---	0.00	40	8.3	61	44	24
13	---	---	---	---	---	---	0.00	42	8.2	41	50	22
14	---	---	---	---	---	---	0.00	44	8.0	27	62	23
15	---	---	---	---	---	---	0.00	46	7.7	39	53	23
16	---	---	---	---	---	---	0.00	48	7.6	42	47	23
17	---	---	---	---	---	---	0.00	51	7.5	47	51	22
18	---	---	---	---	---	---	0.00	52	7.4	50	40	22
19	---	---	---	---	---	---	0.00	53	7.3	67	37	22
20	---	---	---	---	---	---	0.00	49	7.3	78	44	22
21	---	---	---	---	---	---	0.00	45	15	80	45	20
22	---	---	---	---	---	---	0.00	42	17	78	52	18
23	---	---	---	---	---	0.00	0.00	39	15	76	55	17
24	---	---	---	---	---	0.00	0.00	37	13	69	53	16
25	---	---	---	---	---	0.00	0.00	36	11	61	50	16
26	---	---	---	---	---	0.00	0.00	35	10	63	50	15
27	---	---	---	---	---	0.00	0.00	31	9.4	62	52	15
28	---	---	---	---	---	0.00	0.00	29	14	59	53	15
29	---	---	---	---	---	0.00	0.00	28	18	50	52	15
30	---	---	---	---	---	0.00	0.00	28	19	42	52	19
31	---	---	---	---	---	0.00	---	27	---	38	51	---
TOTAL	296	0	0	0	0	0	0	979	453.1	1563	1624	879
MEAN	29.6	---	---	---	---	0.000	0.000	31.6	15.1	50.4	52.3	29.3
MAX	38	---	---	---	---	0.00	0.00	53	26	80	83	54
MIN	0.00	---	---	---	---	0.00	0.00	0.00	7.3	23	14	15
AC-FT	587	0.00	0.00	0.00	0.00	0.00	0.00	1942	899	3100	3221	1743
CAL YEAR 2008	MAX	94.0	MIN	0.000	AC-FT	15690						
WTR YEAR 2009	MAX	83.0	MIN	0.000	AC-FT	11490						

NORTH PLATTE RIVER BASIN

COURTHOUSE ROCK CANAL from Pumpkin Creek, 00030000

LOCATION.--SE1/4SW1/4 Sec. 30-19-50 W. near Bridgeport

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1917 - 1927, 1930 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.78	---	---	---	---	---	0.00	0.00	0.13	0.12	0.97	0.77
2	0.43	---	---	---	---	---	0.00	0.00	0.13	0.12	0.93	0.86
3	0.00	---	---	---	---	---	0.00	0.00	0.12	0.12	0.83	0.92
4	0.00	---	---	---	---	---	0.00	0.00	0.12	0.12	0.87	0.96
5	0.00	---	---	---	---	---	0.00	0.00	0.12	0.12	1.00	0.95
6	0.00	---	---	---	---	---	0.00	0.00	0.12	0.12	1.1	0.87
7	0.00	---	---	---	---	---	0.00	0.29	0.12	0.12	1.2	0.86
8	---	---	---	---	---	---	0.00	0.72	0.12	0.12	1.2	0.83
9	---	---	---	---	---	---	0.00	0.74	0.12	0.13	1.2	0.71
10	---	---	---	---	---	---	0.00	0.57	0.12	0.13	1.2	0.73
11	---	---	---	---	---	---	0.00	0.55	0.12	0.14	1.1	0.73
12	---	---	---	---	---	---	0.00	0.31	0.12	0.15	1.0	0.76
13	---	---	---	---	---	---	0.00	0.23	0.12	4.0	1.1	0.54
14	---	---	---	---	---	---	0.00	0.15	0.12	3.5	1.1	0.35
15	---	---	---	---	---	---	0.00	0.14	0.12	1.0	1.1	0.33
16	---	---	---	---	---	---	0.00	0.15	0.12	0.98	1.1	0.34
17	---	---	---	---	---	---	0.00	0.14	0.12	1.0	1.0	0.36
18	---	---	---	---	---	---	0.00	0.14	0.12	1.00	1.1	0.33
19	---	---	---	---	---	---	0.00	0.14	0.12	0.99	0.95	0.41
20	---	---	---	---	---	---	0.00	0.14	0.12	0.96	0.80	0.53
21	---	---	---	---	---	---	0.00	0.14	0.12	1.0	0.74	0.30
22	---	---	---	---	---	---	0.00	0.13	0.12	1.0	0.91	0.24
23	---	---	---	---	---	---	0.00	0.13	0.12	0.92	0.79	0.38
24	---	---	---	---	---	---	0.00	0.13	0.12	0.93	0.75	0.17
25	---	---	---	---	---	---	0.00	0.13	0.12	0.87	0.81	0.15
26	---	---	---	---	---	---	0.00	0.13	0.12	0.80	0.82	0.14
27	---	---	---	---	---	---	0.00	0.13	0.12	0.77	0.83	0.14
28	---	---	---	---	---	---	0.00	0.13	0.12	0.84	0.82	0.20
29	---	---	---	---	---	---	0.00	0.13	0.12	1.00	0.84	0.30
30	---	---	---	---	---	0.00	0.00	0.13	0.12	0.86	0.83	0.42
31	---	---	---	---	---	0.00	---	0.13	---	0.97	0.75	---
TOTAL	1.21	0	0	0	0	0	0	5.85	3.62	24.9	29.74	15.58
MEAN	0.17	---	---	---	---	0.000	0.000	0.19	0.12	0.81	0.96	0.52
MAX	0.78	---	---	---	---	0.00	0.00	0.74	0.13	4.0	1.2	0.96
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.12	0.12	0.74	0.14
AC-FT	2.4	0.00	0.00	0.00	0.00	0.00	0.00	12	7.2	49	59	31
CAL YEAR 2008	MAX	0.92	MIN	0.000	AC-FT	18						
WTR YEAR 2009	MAX	4.0	MIN	0.000	AC-FT	160						

NORTH PLATTE RIVER BASIN

LAST CHANCE CANAL from Pumpkin Creek, 00080000

LOCATION.--SE1/4NW1/4 Sec. 27-19-50 W. near Bridgeport

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1921 - 1922, 1931 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	---	0.00	0.00	0.01
2	0.00	---	---	---	---	---	---	---	---	0.00	0.00	0.01
3	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
4	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
5	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
7	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
8	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
9	---	---	---	---	---	---	---	---	---	0.00	0.01	0.01
10	---	---	---	---	---	---	---	---	---	0.00	0.01	0.00
11	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	---	0.22	0.00	0.00
14	---	---	---	---	---	---	---	---	---	0.14	0.00	0.00
15	---	---	---	---	---	---	---	---	---	0.01	0.30	0.00
16	---	---	---	---	---	---	---	---	---	0.00	1.0	0.00
17	---	---	---	---	---	---	---	---	0.00	0.00	0.58	0.00
18	---	---	---	---	---	---	---	---	0.00	0.00	0.24	0.00
19	---	---	---	---	---	---	---	---	0.00	0.00	0.06	0.00
20	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
21	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
22	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
23	---	---	---	---	---	---	---	---	1.0	0.00	0.01	0.00
24	---	---	---	---	---	---	---	---	0.88	0.00	0.01	0.00
25	---	---	---	---	---	---	---	---	0.45	0.04	0.01	0.00
26	---	---	---	---	---	---	---	---	0.27	0.01	0.01	0.00
27	---	---	---	---	---	---	---	---	0.15	0.00	0.01	0.00
28	---	---	---	---	---	---	---	---	0.04	0.00	0.01	0.00
29	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
30	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
31	---	---	---	---	---	---	---	---	---	0.00	0.01	---
TOTAL	0	0	0	0	0	0	0	0	2.79	0.42	2.32	0.09
MEAN	0.000	---	---	---	---	---	---	---	0.20	0.014	0.074	0.002
MAX	0.00	---	---	---	---	---	---	---	1.0	0.22	1.0	0.01
MIN	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.5	0.8	4.6	0.2
CAL YEAR 2008	MAX		1.3	MIN	0.000	AC-FT	78					
WTR YEAR 2009	MAX		1.0	MIN	0.000	AC-FT	11					

NORTH PLATTE RIVER BASIN

TRINNIER CANAL from Greenwood Creek, 00144200

LOCATION.--SE1/4NE1/4 Sec. 28-18-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 3 ft. Cipolletti weir

PERIOD OF RECORD.--1998 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	5.3	---	---	---	---	---	0.00	0.00	0.00	0.00	---	---	
2	5.2	---	---	---	---	---	0.00	0.00	0.00	0.00	---	---	
3	5.2	---	---	---	---	---	0.00	0.05	0.00	0.00	---	---	
4	5.2	---	---	---	---	---	0.00	0.00	0.57	0.00	---	---	
5	5.2	---	---	---	---	---	0.00	0.00	---	0.00	---	---	
6	5.2	---	---	---	---	---	0.00	0.00	---	---	---	---	
7	5.2	---	---	---	---	---	---	0.00	---	---	---	---	
8	5.1	---	---	---	---	---	---	---	---	---	---	---	
9	5.2	---	---	---	---	---	---	---	---	---	---	---	
10	5.3	---	---	---	---	---	---	---	---	---	---	1.8	
11	5.3	---	---	---	---	---	---	---	---	---	---	1.4	
12	2.8	---	---	---	---	---	---	---	---	---	---	1.2	
13	0.00	---	---	---	---	---	---	---	---	1.2	---	1.5	
14	0.00	---	---	---	---	---	---	0.00	---	1.2	---	1.6	
15	0.00	---	---	---	---	---	---	0.00	---	1.2	---	1.5	
16	0.00	---	---	---	---	---	---	0.00	---	1.2	---	1.3	
17	0.00	---	---	---	---	---	---	0.00	0.00	1.2	---	1.3	
18	0.00	---	---	---	---	---	---	0.00	0.00	1.2	---	1.3	
19	0.00	---	---	---	---	---	---	0.00	0.00	1.2	---	1.3	
20	0.00	---	---	---	---	---	---	0.00	0.00	1.2	---	1.5	
21	0.00	---	---	---	---	---	---	0.00	0.00	1.2	---	1.1	
22	0.00	---	---	---	---	---	---	---	0.00	---	---	1.0	
23	---	---	---	---	---	---	---	---	---	1.2	---	1.1	
24	---	---	---	---	---	---	---	---	0.00	1.2	---	1.2	
25	---	---	---	---	---	---	---	---	0.00	1.2	---	1.3	
26	---	---	---	---	---	---	---	0.00	0.00	1.2	---	1.5	
27	---	---	---	---	---	0.17	---	0.00	0.00	1.2	---	1.4	
28	---	---	---	---	---	3.7	---	0.00	0.00	2.7	---	1.1	
29	---	---	---	---	---	4.4	0.66	0.00	0.00	2.7	---	1.3	
30	---	---	---	---	---	4.2	0.00	0.00	0.00	---	---	---	
31	---	---	---	---	---	2.8	---	0.00	---	---	---	---	
TOTAL	60.2	0	0	0	0	15.27	0.66	0.05	0.57	22.2	0	26.7	
MEAN	2.7	---	---	---	---	3.1	0.082	0.003	0.034	1.1	---	1.3	
MAX	5.3	---	---	---	---	4.4	0.66	0.05	0.57	2.7	---	1.8	
MIN	0.00	---	---	---	---	0.17	0.00	0.00	0.00	0.00	---	1.0	
AC-FT	119	0.00	0.00	0.00	0.00	30	1.3	0.10	1.1	44	0.00	53	
CAL YEAR 2008	MAX	5.7	MIN	0.000	AC-FT	825							
WTR YEAR 2009	MAX	5.3	MIN	0.000	AC-FT	249							

NELSON CANAL from Greenwood Creek, 00105500

LOCATION.--SE1/4SE1/4 Sec. 33-18-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 4 ft. Cipolletti weir

PERIOD OF RECORD.--1998 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.01	0.29	0.00	3.0	3.2
2	---	---	---	---	---	---	0.23	0.00	0.10	0.00	3.2	3.2
3	---	---	---	---	---	---	---	0.06	0.48	0.00	3.2	3.1
4	---	---	---	---	---	---	---	0.54	0.77	0.00	3.3	3.0
5	---	---	---	---	---	---	---	0.65	0.75	0.00	3.4	3.2
6	---	---	---	---	---	---	---	0.86	0.86	8.0	3.4	3.3
7	---	---	---	---	---	---	---	0.91	0.15	12	3.6	3.3
8	---	---	---	---	---	---	---	0.86	0.30	11	3.4	3.2
9	---	---	---	---	---	---	---	0.39	1.3	11	3.7	3.1
10	---	---	---	---	---	---	0.10	0.12	0.59	6.7	3.5	3.8
11	---	---	---	---	---	---	0.03	0.46	4.5	3.7	3.6	3.5
12	---	---	---	---	---	---	0.00	0.87	2.6	4.0	3.6	3.1
13	---	---	---	---	---	---	0.55	0.20	0.67	4.3	3.3	3.5
14	---	---	---	---	---	---	0.49	0.00	1.7	3.6	3.2	3.7
15	---	---	---	---	---	---	0.34	0.01	1.5	3.4	3.1	3.5
16	---	---	---	---	---	---	0.01	0.00	1.1	3.5	2.5	2.8
17	---	---	---	---	---	---	0.00	0.12	1.1	3.4	3.1	2.2
18	---	---	---	---	---	---	0.00	0.42	3.5	3.4	3.3	2.5
19	---	---	---	---	---	---	0.22	0.16	1.1	3.4	3.2	1.6
20	---	---	---	---	---	---	0.53	0.21	0.61	3.3	3.2	1.3
21	---	---	---	---	---	---	0.82	0.00	1.2	3.1	3.4	0.79
22	---	---	---	---	---	---	0.91	0.01	1.5	---	3.3	0.00
23	---	---	---	---	---	---	0.93	0.00	---	3.2	3.5	0.00
24	---	---	---	---	---	---	0.33	0.00	1.6	3.2	3.4	0.00
25	---	---	---	---	---	---	0.01	0.00	1.5	3.4	3.4	0.00
26	---	---	---	---	---	---	0.23	0.00	0.00	3.2	3.4	0.00
27	---	---	---	---	---	0.19	---	0.13	0.00	3.3	3.3	0.00
28	---	---	---	---	---	0.38	---	0.06	0.00	3.4	3.2	0.00
29	---	---	---	---	---	0.30	0.88	0.24	0.00	3.3	3.1	---
30	---	---	---	---	---	0.00	0.44	0.09	0.00	2.9	3.1	---
31	---	---	---	---	---	0.03	---	0.20	---	3.1	3.0	---
TOTAL	0	0	0	0	0	0.9	7.05	7.58	29.77	116.8	101.9	60.89
MEAN	0.000	---	---	---	---	0.18	0.34	0.24	1.0	3.9	3.3	2.2
MAX	0.00	---	---	---	---	0.38	0.93	0.91	4.5	12	3.7	3.8
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.5	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	1.8	14	15	59	232	202	121
CAL YEAR 2008	MAX	4.9	MIN	0.000	AC-FT	407						
WTR YEAR 2009	MAX	12.0	MIN	0.000	AC-FT	644						

NORTH PLATTE RIVER BASIN

MEREDITH-AMMER CANAL from Pumpkin Creek, 00088000

LOCATION.--NE1/4NE1/4 Sec. 23-19-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 2.5 ft. Parshall flume

PERIOD OF RECORD.--1931 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2008	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						

PUMPKIN CREEK near Bridgeport, 06685000

LOCATION.--SE1/4SW1/4 Sec. 12-19-50 W., Morrill County, Lat. 41° 37' 38", Long. 103° 02' 10", on right bank 250 feet downstream from bridge on U.S. Highway 385 and State Highway 92, 0.5 mile upstream from mouth, and 4 miles southeast of Bridgeport.

DRAINAGE AREA.--Approximately 1,020 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,635.99 feet above sea level.

PERIOD OF RECORD.--Feb. 1931 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are fair, except estimated records and records below 1.0 cubic feet per second are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 7,880 cubic feet per second June 9, 1965, gage height 9.98 feet, present datum; no flow many years since 1975.

EXTREMES FOR CURRENT YEAR.--Peak discharge 86 cubic feet per second June 12, gage height 4.03 feet; no flow many days in October through March and May through August.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.0	0.00	0.00	0.00	0.00	0.00	3.0	3.5e	0.00	1.6	0.00	1.4
2	6.3	0.00	0.00	0.00	0.00	0.00	2.4	3.5e	0.43	1.7	0.00	1.5
3	6.9	0.00	0.00	0.00	0.00	0.00	2.3e	3.5e	1.7	1.6	0.00	1.6
4	7.4	0.00	0.00	0.00	0.00	0.00	2.3e	3.5e	0.31	1.5	0.00	1.7
5	9.7	0.00	0.00	0.00	0.00	0.00	2.3e	3.5e	2.1	1.4	0.00	1.9
6	4.6	0.00	0.00	0.00	0.00	0.00	2.3e	3.9	0.90	1.3	0.00	2.0
7	3.1	0.00	0.00	0.00	0.00	0.00	2.3e	0.23	0.14	1.3	0.00	2.2
8	1.1	0.00	0.00	0.00	0.00	0.00	2.3e	0.12	0.08	1.3	0.00	2.4
9	0.43	0.00	0.00	0.00	0.00	0.00	2.0e	0.06	0.05	1.1	0.00	2.5
10	0.06	0.00	0.00	0.00	0.00	0.00	2.0e	0.33	0.10	1.1	0.00	2.7
11	0.08	0.00	0.00	0.00	0.00	0.00	2.0e	0.47	1.8	1.0	0.00	2.9
12	0.79	0.00	0.00	0.00	0.00	0.00	2.0e	0.50	38	1.0	0.00	3.1
13	0.95	0.00	0.00	0.00	0.00	0.00	2.0e	0.81	35e	1.00	0.00	3.3
14	0.63	0.00	0.00	0.00	0.00	0.00	2.0e	1.0	35e	0.96	0.00	3.6
15	0.42	0.00	0.00	0.00	0.00	0.00	2.0e	1.2	30e	0.98	0.00	3.8
16	0.05	0.00	0.00	0.00	0.00	0.00	2.0e	1.4	30e	0.00	0.00	4.0
17	0.00	0.00	0.00	0.00	0.00	0.00	2.0e	1.2	20e	0.00	0.00	4.3
18	0.00	0.00	0.00	0.00	0.00	0.00	2.0e	0.85	17	0.00	0.00	4.5
19	0.00	0.00	0.00	0.00	0.00	0.00	2.0e	1.1	0.02	0.00	1.9	4.8
20	0.00	0.00	0.00	0.00	0.00	0.00	2.0e	0.52	0.00	0.00	1.8	5.1
21	0.00	0.00	0.00	0.00	0.00	0.00	2.0e	0.32	0.00	0.00	1.6	5.4
22	0.00	0.00	0.00	0.00	0.00	0.00	2.5e	0.13	0.00	0.00	1.5	5.7
23	0.00	0.00	0.00	0.00	0.00	0.00	2.5e	0.21	0.12	0.00	1.4	6.0
24	0.00	0.00	0.00	0.00	0.00	0.02	2.5e	0.13	0.47	0.00	1.3	6.5
25	0.00	0.00	0.00	0.00	0.00	0.03	2.5e	0.01	0.39	0.00	1.2	6.3
26	0.00	0.00	0.00	0.00	0.00	0.00	3.0e	0.00	12	0.00	1.1	4.8
27	0.00	0.00	0.00	0.00	0.00	0.01	3.0e	0.00	17	0.00	0.99	4.0
28	0.00	0.00	0.00	0.00	0.00	0.43	3.0e	0.00	0.03	0.00	0.95	4.0
29	0.00	0.00	0.00	0.00	---	0.23	3.5e	0.00	0.10	0.00	1.0	4.0
30	0.00	0.00	0.00	0.00	---	0.15	3.5e	0.00	0.54	0.00	1.1	4.0
31	0.00	---	0.00	0.00	---	0.46	---	0.00	---	0.00	1.2	---
TOTAL	48.51	0	0	0	0	1.33	71.2	31.99	243.28	18.84	17.04	110
MEAN	1.6	0.000	0.000	0.000	0.000	0.043	2.4	1.0	8.1	0.61	0.55	3.7
MAX	9.7	0.00	0.00	0.00	0.00	0.46	3.5	3.9	38	1.7	1.9	6.5
MIN	0.00	0.00	0.00	0.00	0.00	0.00	2.0	0.00	0.00	0.00	0.00	1.4
AC-FT	96	0.00	0.00	0.00	0.00	2.6	141	63	483	37	34	218
CAL YEAR 2008	TOTAL		417	MEAN	1.1	MAX	24.0	MIN	0.000	AC-FT	828	
WTR YEAR 2009	TOTAL		542	MEAN	1.5	MAX	38.0	MIN	0.000	AC-FT	1075	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BEERLINE CANAL from North Platte River, 00007000

LOCATION.--SE1/4NE1/4 Sec. 24-19-49 W. near Broadwater

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1919 - 1922, 1924 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.0	---	---	---	---	---	0.00	0.00	0.00	4.3	8.9	7.0
2	7.0	---	---	---	---	---	0.00	0.00	0.54	5.7	8.8	7.0
3	7.1	---	---	---	---	---	0.00	0.00	0.05	5.7	8.5	6.9
4	7.2	---	---	---	---	---	0.00	0.00	0.00	5.8	8.0	6.6
5	7.3	---	---	---	---	---	0.00	0.00	3.9	6.0	7.7	6.6
6	7.3	---	---	---	---	---	0.00	0.00	5.8	7.7	7.7	6.6
7	7.2	---	---	---	---	---	0.00	0.00	5.3	7.2	7.9	6.7
8	7.2	---	---	---	---	---	0.00	0.00	5.3	7.3	8.0	6.9
9	7.2	---	---	---	---	---	0.00	0.00	5.1	6.9	9.1	7.1
10	7.5	---	---	---	---	---	0.00	0.00	4.3	6.9	9.4	7.2
11	7.6	---	---	---	---	---	0.00	0.00	1.9	6.7	9.5	7.4
12	8.2	---	---	---	---	---	0.00	0.00	1.6	6.5	9.3	7.4
13	8.1	---	---	---	---	---	0.00	0.00	1.5	7.0	9.1	7.4
14	7.9	---	---	---	---	---	0.00	0.00	1.3	6.8	8.8	7.4
15	8.1	---	---	---	---	---	0.00	0.00	1.3	7.1	8.7	7.5
16	8.6	---	---	---	---	---	0.00	0.00	1.9	6.9	8.9	7.7
17	8.6	---	---	---	---	---	0.00	0.00	2.3	6.9	9.3	7.8
18	8.2	---	---	---	---	---	0.00	0.00	2.6	6.8	9.6	7.9
19	0.00	---	---	---	---	---	0.00	0.00	2.6	6.9	10.0	7.8
20	0.00	---	---	---	---	---	0.00	0.00	2.5	7.1	10	7.6
21	0.00	---	---	---	---	---	0.00	0.00	2.5	7.3	10	7.3
22	0.00	---	---	---	---	---	0.00	0.00	2.5	7.6	10	7.2
23	0.00	---	---	---	---	0.00	0.00	0.00	1.9	7.8	9.8	7.2
24	---	---	---	---	---	0.00	0.00	0.00	1.8	7.8	9.5	7.2
25	---	---	---	---	---	0.00	0.00	0.00	1.7	8.1	9.3	7.0
26	---	---	---	---	---	0.00	0.00	0.00	1.7	8.5	7.0	6.8
27	---	---	---	---	---	0.00	0.00	0.00	1.7	8.4	6.8	6.6
28	---	---	---	---	---	0.00	0.00	0.00	1.9	8.4	6.9	6.3
29	---	---	---	---	---	0.00	0.00	0.00	1.9	8.9	7.0	6.1
30	---	---	---	---	---	0.00	0.00	0.00	2.3	9.1	6.9	6.1
31	---	---	---	---	---	0.00	---	0.00	---	9.1	6.9	---
TOTAL	137.3	0	0	0	0	0	0	0	69.69	223.2	267.3	212.3
MEAN	6.0	---	---	---	---	0.000	0.000	0.000	2.3	7.2	8.7	7.1
MAX	8.6	---	---	---	---	0.00	0.00	0.00	5.8	9.1	10	7.9
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	4.3	6.8	6.1
AC-FT	272	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138	443	530	421
CAL YEAR 2008	MAX	12.0	MIN	0.000	AC-FT	2182						
WTR YEAR 2009	MAX	10.0	MIN	0.000	AC-FT	1805						

LISCO CANAL from North Platte River, 00082000

LOCATION.--NW1/4NW1/4 Sec. 24-18-47 W. near Lisco

GAGE.--Continuous stage recorder and weir

PERIOD OF RECORD.--1918 - 1927, 1929 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	---	---	---	---	---	0.00	0.00	22	35	33	36
2	20	---	---	---	---	---	0.00	0.00	24	36	21	37
3	18	---	---	---	---	---	0.00	0.00	19	34	39	36
4	17	---	---	---	---	---	0.00	0.00	20	29	32	36
5	16	---	---	---	---	---	0.00	0.00	24	31	28	29
6	14	---	---	---	---	---	0.00	0.00	35	28	40	24
7	13	---	---	---	---	---	0.00	0.00	20	22	39	26
8	11	---	---	---	---	---	0.00	0.00	23	25	36	32
9	12	---	---	---	---	---	0.00	0.00	30	35	43	36
10	17	---	---	---	---	---	0.00	0.00	19	33	33	34
11	22	---	---	---	---	---	0.00	0.00	0.00	31	33	35
12	33	---	---	---	---	---	0.00	0.00	0.00	31	29	32
13	33	---	---	---	---	---	0.00	0.00	0.00	39	28	24
14	31	---	---	---	---	---	0.00	0.00	0.00	31	35	27
15	0.00	---	---	---	---	---	0.00	0.00	0.00	39	34	24
16	0.00	---	---	---	---	---	0.00	0.00	0.00	44	36	23
17	---	---	---	---	---	---	0.00	0.00	0.00	40	28	23
18	---	---	---	---	---	---	0.00	0.00	0.00	42	28	22
19	---	---	---	---	---	---	0.00	0.00	0.00	47	28	21
20	---	---	---	---	---	0.00	0.00	0.00	0.00	47	24	20
21	---	---	---	---	---	0.00	0.00	0.00	0.00	42	19	17
22	---	---	---	---	---	0.00	0.00	0.00	0.00	43	30	14
23	---	---	---	---	---	0.00	0.00	0.00	14	44	32	15
24	---	---	---	---	---	0.00	0.00	0.00	24	43	33	15
25	---	---	---	---	---	0.00	0.00	0.00	28	36	36	15
26	---	---	---	---	---	0.00	0.00	0.00	25	36	34	14
27	---	---	---	---	---	0.00	0.00	0.72	20	35	27	9.3
28	---	---	---	---	---	0.00	0.00	5.3	28	32	44	4.6
29	---	---	---	---	---	0.00	0.00	12	29	44	44	2.7
30	---	---	---	---	---	0.00	0.00	23	32	52	36	4.4
31	---	---	---	---	---	0.00	---	27	---	55	35	---
TOTAL	279	0	0	0	0	0	0	68.02	436	1161	1017	688
MEAN	17.5	---	---	---	---	0.000	0.000	2.2	14.6	37.5	32.8	22.9
MAX	33	---	---	---	---	0.00	0.00	27	35	55	44	37
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	22	19	2.7
AC-FT	553	0.00	0.00	0.00	0.00	0.00	0.00	135	865	2303	2017	1365
CAL YEAR 2008	MAX	187.0	MIN	0.000	AC-FT	9132						
WTR YEAR 2009	MAX	55.0	MIN	0.000	AC-FT	7238						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Lisco, 06686000

LOCATION.--SW1/4NE1/4 Sec. 33-18-46 W., Garden County, Lat. 41° 29' 24", Long. 102° 37' 29", on left bank 40 feet downstream of highway bridge, and 0.5 mile south of Lisco.

DRAINAGE AREA.--Approximately 26,700 square miles.

GAGE.--Continuous stage recorder. Gage datum 3,475.5 feet above sea level.

PERIOD OF RECORD.--May to September 1916, June to October 1917, September 1931 - present. Monthly discharge only some periods, published in WSP 1310.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 20,100 cubic feet per second June 27, 29 1917 from rating extended above 15.0 ft. Minimum daily discharge 8 cubic feet per second August 4, 1934.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,650 cubic feet per second June 12, gage height 2.78 feet; minimum daily discharge 457 cubic feet per second May 22.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	663	906	874	760e	700e	666	639	639	776	970	1040	842
2	662	890	875	720e	720e	686	642	624	873	966	1010	883
3	668	871	873	700e	790e	700	653	643	820	992	899	822
4	662	838	881	660e	820e	699	690	616	680	1060	778	761
5	649	865	759	650e	840e	705	682	574	593	1140	674	714
6	648	858	906	650e	820e	671	631	556	741	1180	647	715
7	664	858	944	650e	764	678	583	547	607	1130	674	767
8	669	873	981	670e	746	686	583	719	533	1070	639	837
9	654	911	962	670e	784	687	596	781	694	934	887	988
10	678	914	967	650e	777	663	614	902	588	865	1080	1020
11	715	938	954	650e	735	570	617	899	1340	835	1080	1100
12	898	933	932	650e	706	629	627	891	2400	823	993	1110
13	882	899	927	640e	725	632	635	880	1740	974	890	1120
14	829	867	820e	640e	742	656	624	829	1300	1130	745	1190
15	832	837	700e	635e	742	661	620	883	1250	997	690	1250
16	936	830	600e	635e	740	654	606	1010	1320	877	717	1300
17	969	822	600e	625e	744	657	796	1070	1170	786	789	1290
18	954	829	635e	625e	721	640	1010	1100	973	668	863	1270
19	956	833	635e	625e	708	607	1050	1020	997	601	862	1250
20	920	835	635e	622e	687	611	938	754	917	553	854	1270
21	936	856	635e	610e	661	626	852	516	842	509	821	1250
22	910	885	630e	600e	676	628	774	457	783	489	788	1160
23	906	903	630e	550e	688	635	731	510	814	485	735	1220
24	906	895	630e	515e	704	662	688	501	1030	476	723	1280
25	909	913	640e	500e	696	664	660	562	816	492	705	1180
26	893	943	640e	534e	682	668	661	695	743	567	709	1110
27	878	968	650e	535e	662	635	644	749	869	654	725	1020
28	890	976	625e	535e	582	612	631	769	854	671	764	925
29	909	961	625e	600e	---	623	654	774	872	786	817	910
30	930	914	620e	650e	---	634	649	729	930	900	812	974
31	922	---	620e	650e	---	634	---	703	---	995	811	---
TOTAL	25497	26621	23405	19406	20362	20179	20780	22902	28865	25575	25221	31528
MEAN	822.5	887.4	755.0	626.0	727.2	650.9	692.4	738.4	962.3	824.9	813.5	1051
MAX	969	976	981	760	840	705	1050	1100	2400	1180	1080	1300
MIN	648	822	600	500	582	570	583	457	533	476	639	714
AC-FT	50570	52800	46420	38490	40390	40020	41220	45430	57250	50730	50030	62530
CAL YEAR 2008	TOTAL		260900	MEAN	712.8	MAX	1750	MIN	151.0	AC-FT	517500	
WTR YEAR 2009	TOTAL		290341	MEAN	795.5	MAX	2400	MIN	457.0	AC-FT	575900	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

MIDLAND-OVERLAND CANAL from North Platte River, 00098000

LOCATION.--NE1/4SE1/4 Sec. 2-16-44 W. near Oshkosh

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1924 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.7	---	---	---	---	---	0.00	0.00	0.00	0.00	7.0	0.00
2	1.7	---	---	---	---	---	0.00	0.00	0.01	0.00	7.2	0.54
3	1.8	---	---	---	---	---	0.00	0.00	0.02	0.00	6.9	3.0
4	2.3	---	---	---	---	---	0.00	0.00	0.03	0.00	6.2	3.9
5	2.7	---	---	---	---	---	0.00	0.00	0.05	0.00	5.4	3.4
6	2.6	---	---	---	---	---	0.00	0.00	0.07	0.00	5.1	2.4
7	2.4	---	---	---	---	---	0.00	0.00	0.09	0.00	5.4	2.3
8	2.2	---	---	---	---	---	0.00	0.00	0.11	0.00	5.1	2.3
9	2.3	---	---	---	---	---	0.00	0.00	0.14	0.00	6.8	2.5
10	2.6	---	---	---	---	---	0.00	0.00	0.17	0.00	5.8	2.6
11	3.3	---	---	---	---	---	0.00	0.00	0.20	0.00	0.00	2.6
12	4.9	---	---	---	---	---	0.00	0.00	0.23	0.00	0.00	2.7
13	3.9	---	---	---	---	---	0.00	0.00	0.26	0.00	0.00	2.7
14	3.1	---	---	---	---	---	0.00	0.00	0.29	0.00	0.00	4.6
15	2.7	---	---	---	---	---	0.00	0.00	0.32	3.9	0.00	5.9
16	2.7	---	---	---	---	---	0.00	0.00	0.29	6.3	0.00	6.2
17	3.0	---	---	---	---	---	0.00	0.00	0.26	6.1	0.00	6.6
18	3.0	---	---	---	---	---	0.00	0.00	0.23	5.6	0.00	7.0
19	3.1	---	---	---	---	---	0.00	0.00	0.20	4.7	0.00	7.3
20	3.0	---	---	---	---	---	0.00	0.00	0.18	4.2	0.00	7.6
21	2.4	---	---	---	---	---	0.00	0.00	0.15	4.7	3.3	6.8
22	1.7	---	---	---	---	---	0.00	0.00	0.13	4.4	5.1	6.0
23	1.4	---	---	---	---	---	0.00	0.00	0.11	1.6	5.4	5.7
24	0.03	---	---	---	---	---	0.00	0.00	0.09	3.2	0.00	7.4
25	---	---	---	---	---	---	0.00	0.00	0.07	2.9	0.00	7.5
26	---	---	---	---	---	---	0.00	0.00	0.05	3.1	0.00	3.0
27	---	---	---	---	---	0.00	0.00	0.00	0.04	3.9	0.00	0.61
28	---	---	---	---	---	0.00	0.00	0.00	0.02	5.5	0.00	1.2
29	---	---	---	---	---	0.00	0.00	0.00	0.01	5.9	0.00	1.7
30	---	---	---	---	---	0.00	0.00	0.00	0.00	6.5	0.00	1.7
31	---	---	---	---	---	0.00	---	0.00	---	6.8	0.00	---
TOTAL	60.53	0	0	0	0	0	0	0	3.82	79.3	74.7	117.75
MEAN	2.5	---	---	---	---	0.000	0.000	0.000	0.13	2.6	2.4	3.9
MAX	4.9	---	---	---	---	0.00	0.00	0.00	0.32	6.8	7.2	7.6
MIN	0.03	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.6	157	148	234
CAL YEAR 2008	MAX		17.0	MIN	0.000	AC-FT	907					
WTR YEAR 2009	MAX		7.6	MIN	0.000	AC-FT	667					

NORTH PLATTE RIVER BASIN

PAISLEY CANAL from Blue Creek, 00120000

LOCATION.--SE1/4NW1/4 Sec. 6-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 4 ft. Parshall flume with modified rating

PERIOD OF RECORD.--1917 - 1919, 1921, 1923, 1925 - 1927, 1931 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.6	---	---	---	---	---	0.00	0.00	0.00	0.00	8.2	0.46
2	9.8	---	---	---	---	---	0.00	0.00	0.00	0.00	8.8	0.13
3	9.6	---	---	---	---	---	0.00	0.00	0.00	0.00	9.2	0.00
4	9.6	---	---	---	---	---	0.00	0.00	0.00	0.00	9.0	0.00
5	9.7	---	---	---	---	---	0.00	0.00	0.00	0.00	8.9	0.00
6	9.9	---	---	---	---	---	0.00	0.00	0.00	0.00	8.9	0.00
7	10	---	---	---	---	---	0.00	0.00	0.00	0.00	11	0.00
8	10	---	---	---	---	---	0.00	0.00	0.00	0.00	14	0.00
9	11	---	---	---	---	---	0.00	0.00	0.00	0.00	14	0.00
10	10	---	---	---	---	---	0.00	0.00	0.00	0.00	12	0.00
11	7.7	---	---	---	---	---	0.00	0.00	0.00	5.8	12	0.00
12	3.9	---	---	---	---	---	0.00	0.00	0.00	10	11	0.00
13	1.0	---	---	---	---	---	0.00	0.00	0.00	12	10	0.00
14	0.00	---	---	---	---	---	0.00	0.00	0.00	12	10	0.00
15	0.00	---	---	---	---	---	0.00	0.00	0.00	12	11	0.00
16	0.00	---	---	---	---	---	0.00	0.00	0.00	11	11	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	12	12	1.7
18	---	---	---	---	---	---	0.00	0.00	0.00	11	12	17
19	---	---	---	---	---	---	0.00	0.00	0.00	3.6	12	23
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.3	24
21	---	---	---	---	---	---	0.00	0.00	0.00	7.9	0.22	25
22	---	---	---	---	---	---	0.00	0.00	0.00	7.8	0.04	26
23	---	---	---	---	---	---	0.00	0.00	0.00	8.2	0.00	27
24	---	---	---	---	---	---	0.00	0.00	0.00	7.6	0.00	26
25	---	---	---	---	---	---	0.00	0.00	0.00	7.9	0.00	25
26	---	---	---	---	---	0.00	0.00	0.00	0.00	7.9	8.9	24
27	---	---	---	---	---	0.00	0.00	0.00	0.00	8.3	12	24
28	---	---	---	---	---	0.00	0.00	0.00	0.00	10	11	24
29	---	---	---	---	---	0.00	0.00	0.00	0.00	9.3	11	24
30	---	---	---	---	---	0.00	0.00	0.00	0.00	8.4	11	23
31	---	---	---	---	---	0.00	---	0.00	---	8.1	3.5	---
TOTAL	111.8	0	0	0	0	0	0	0	0	180.8	270.96	314.29
MEAN	7.0	---	---	---	---	0.000	0.000	0.000	0.000	5.8	8.8	10.5
MAX	11	---	---	---	---	0.00	0.00	0.00	0.00	12	14	27
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	222	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	359	537	623
CAL YEAR 2008	MAX	16.0	MIN	0.000	AC-FT	1313						
WTR YEAR 2009	MAX	27.0	MIN	0.000	AC-FT	1741						

NORTH PLATTE RIVER BASIN

BLUE CREEK & HOOPER CANAL from Blue Creek, 00017200

LOCATION.--SW1/4NE1/4 Sec. 6-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 8 ft. Parshall Flume with modified rating

PERIOD OF RECORD.--1917 - 1919, 1921 - present

REMARKS.--Total diversion from Blue Creek for both Blue Creek Canal and Hooper Canal. Diversion at this site before 1996 was for Blue Creek Canal only. Starting in 1996 Blue Creek Canal also started diverting water for the Hooper Canal. Hooper Canal has a separate measuring device. Deliveries to Hooper Canal shown separately in this report. Starting in 2003, the Blue Creek Canal also delivers water to lands formerly served by the Graf Canal. There is no longer a Graf Canal diversion.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.3	---	---	---	---	---	0.00	0.00	12	11	55	36
2	7.3	---	---	---	---	---	0.00	0.00	13	11	55	37
3	5.8	---	---	---	---	---	0.00	0.00	13	13	54	37
4	5.1	---	---	---	---	---	0.00	0.00	14	14	54	37
5	5.8	---	---	---	---	---	0.00	0.00	15	14	54	37
6	6.8	---	---	---	---	---	0.00	0.00	15	17	42	36
7	7.6	---	---	---	---	---	0.00	0.00	16	20	0.00	35
8	7.8	---	---	---	---	---	0.00	0.00	9.8	29	0.00	34
9	8.1	---	---	---	---	---	0.00	0.00	0.07	40	0.00	32
10	8.3	---	---	---	---	---	0.00	0.00	0.00	47	0.00	31
11	8.6	---	---	---	---	---	0.00	0.00	0.00	47	12	28
12	8.9	---	---	---	---	---	0.00	0.00	0.00	47	49	28
13	9.8	---	---	---	---	---	0.00	0.00	0.00	47	50	28
14	11	---	---	---	---	---	0.00	0.00	0.00	44	49	28
15	10.0	---	---	---	---	---	0.00	0.00	0.00	42	50	28
16	9.5	---	---	---	---	---	0.00	0.00	0.00	44	50	28
17	5.0	---	---	---	---	---	0.00	0.00	0.00	47	52	26
18	0.00	---	---	---	---	---	0.00	0.00	0.00	44	52	22
19	0.00	---	---	---	---	---	0.00	0.00	0.00	42	55	23
20	0.00	---	---	---	---	---	0.00	0.00	0.00	42	55	24
21	---	---	---	---	---	---	0.00	0.00	0.00	43	56	27
22	---	---	---	---	---	---	0.00	0.00	0.00	51	57	28
23	---	---	---	---	---	---	0.00	0.00	0.00	53	57	30
24	---	---	---	---	---	---	0.00	0.00	0.00	53	57	30
25	---	---	---	---	---	---	0.00	0.00	0.00	54	56	27
26	---	---	---	---	---	0.00	0.00	0.00	0.00	54	55	20
27	---	---	---	---	---	0.00	0.00	0.00	4.7	55	52	17
28	---	---	---	---	---	0.00	0.00	3.7	12	58	46	17
29	---	---	---	---	---	0.00	0.00	12	11	59	41	16
30	---	---	---	---	---	0.00	0.00	12	11	58	30	16
31	---	---	---	---	---	0.00	---	12	---	57	32	---
TOTAL	132.7	0	0	0	0	0	0	39.7	146.57	1257	1327	843
MEAN	6.6	---	---	---	---	0.000	0.000	1.2	4.9	40.4	42.9	28.1
MAX	11	---	---	---	---	0.00	0.00	12	16	59	57	37
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	11	0.00	16
AC-FT	263	0.00	0.00	0.00	0.00	0.00	0.00	79	291	2493	2632	1672
CAL YEAR 2008	MAX		55.0	MIN	0.000	AC-FT	8617					
WTR YEAR 2009	MAX		59.0	MIN	0.000	AC-FT	7430					

NORTH PLATTE RIVER BASIN

HOOPER CANAL from Blue Creek via Blue Creek Canal, 00067000

LOCATION.--SE1/4NE1/4 Sec. 7-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 4 ft. rectangular weir

PERIOD OF RECORD.--1917 - 1919, 1921 - 1923, 1925 - 1927, 1931 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	6.5	0.00
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	5.1	0.00
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	8.0	0.99
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	8.7	1.7
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	8.6	1.6
6	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	6.1	0.00
7	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.44
9	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	1.4
10	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	1.1
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.87	1.7	2.6
12	0.00	---	---	---	---	---	0.00	0.00	0.00	10	8.3	3.6
13	0.00	---	---	---	---	---	0.00	0.00	0.00	9.3	7.7	3.6
14	0.00	---	---	---	---	---	0.00	0.00	0.00	6.7	7.4	3.5
15	0.00	---	---	---	---	---	0.00	0.00	0.00	7.2	6.8	3.4
16	0.00	---	---	---	---	---	0.00	0.00	0.00	8.2	5.8	3.4
17	0.00	---	---	---	---	---	0.00	0.00	0.00	9.4	5.1	5.2
18	0.00	---	---	---	---	---	0.00	0.00	0.00	3.0	3.7	6.0
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.02	1.1	6.2
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.86	4.4
21	---	---	---	---	---	---	0.00	0.00	0.00	0.82	0.00	4.7
22	---	---	---	---	---	---	0.00	0.00	0.00	6.1	0.82	4.0
23	---	---	---	---	---	---	0.00	0.00	0.00	7.4	3.0	3.0
24	---	---	---	---	---	---	0.00	0.00	0.00	7.2	7.7	3.0
25	---	---	---	---	---	---	0.00	0.00	0.00	7.1	7.4	1.8
26	---	---	---	---	---	0.00	0.00	0.00	0.00	4.7	5.5	0.00
27	---	---	---	---	---	0.00	0.00	0.00	0.00	4.7	2.0	0.00
28	---	---	---	---	---	0.00	0.00	0.00	0.00	5.1	0.00	0.00
29	---	---	---	---	---	0.00	0.00	0.00	0.00	5.6	0.00	0.00
30	---	---	---	---	---	0.00	0.00	0.00	0.00	6.6	0.00	0.00
31	---	---	---	---	---	0.00	---	0.00	---	6.8	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	116.81	117.88	65.63
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	0.000	3.8	3.8	2.2
MAX	0.00	---	---	---	---	0.00	0.00	0.00	0.00	10	8.7	6.2
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	232	234	130
CAL YEAR 2008	MAX		9.8	MIN	0.000	AC-FT	1013					
WTR YEAR 2009	MAX		10.0	MIN	0.000	AC-FT	596					

NORTH PLATTE RIVER BASIN

UNION CANAL from Blue Creek, 00146000

LOCATION.--NE1/4SW1/4 Sec. 18-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1917 - 1919, 1921 - 1927, 1930 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	1.0	4.4	6.0
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	4.8	4.4
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	4.3	4.3
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	6.2	5.1
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	5.9	3.7
6	0.00	---	---	---	---	---	0.00	0.00	0.00	3.5	5.6	2.4
7	---	---	---	---	---	---	0.00	0.00	0.00	1.0	6.2	2.6
8	---	---	---	---	---	---	0.00	0.00	0.00	0.04	6.3	3.1
9	---	---	---	---	---	---	0.00	0.00	0.00	1.8	6.2	3.8
10	---	---	---	---	---	---	0.00	0.00	0.00	2.4	4.9	3.8
11	---	---	---	---	---	---	0.00	0.00	0.00	5.9	5.0	3.9
12	---	---	---	---	---	---	0.00	0.00	0.00	5.3	5.6	2.7
13	---	---	---	---	---	---	0.00	0.00	0.00	5.4	6.3	2.4
14	---	---	---	---	---	---	0.00	0.00	0.00	6.3	6.8	1.8
15	---	---	---	---	---	---	0.00	0.00	0.00	6.0	6.9	1.5
16	---	---	---	---	---	---	0.00	0.00	0.00	9.7	6.6	0.96
17	---	---	---	---	---	---	0.00	0.00	0.00	7.9	6.8	0.85
18	---	---	---	---	---	---	0.00	0.00	0.00	6.9	6.2	1.0
19	---	---	---	---	---	---	0.00	0.00	0.00	7.7	7.6	1.7
20	---	---	---	---	---	---	0.00	0.00	0.00	8.9	4.7	3.5
21	---	---	---	---	---	---	0.00	0.00	0.00	4.2	4.5	2.7
22	---	---	---	---	---	---	0.00	0.00	0.00	1.9	4.7	2.6
23	---	---	---	---	---	---	0.00	0.00	0.00	4.7	6.1	4.0
24	---	---	---	---	---	---	0.00	0.00	0.00	8.1	6.4	5.3
25	---	---	---	---	---	---	0.00	0.00	0.00	7.3	4.9	4.7
26	---	---	---	---	---	---	0.00	0.00	0.01	5.3	5.4	3.3
27	---	---	---	---	---	0.00	0.00	0.00	0.86	5.7	7.4	3.5
28	---	---	---	---	---	0.00	0.00	0.00	0.79	6.1	6.8	3.1
29	---	---	---	---	---	0.00	0.00	0.00	2.4	5.6	6.4	1.3
30	---	---	---	---	---	0.00	0.00	0.00	3.6	6.0	6.4	1.2
31	---	---	---	---	---	0.00	---	0.00	---	4.9	5.7	---
TOTAL	0	0	0	0	0	0	0	0	7.66	139.54	182	91.21
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	0.25	4.5	5.9	3.0
MAX	0.00	---	---	---	---	0.00	0.00	0.00	3.6	9.7	7.6	6.0
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.3	0.85
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	277	361	181
CAL YEAR 2008	MAX		12.0	MIN	0.000	AC-FT	1565					
WTR YEAR 2009	MAX		9.7	MIN	0.000	AC-FT	834					

NORTH PLATTE RIVER BASIN

BLUE CREEK near Lewellen, 06687000

LOCATION.--NE1/4 Sec. 30-16-42 W., Garden County, Lat. 41° 20' 08", Long. 102° 10' 21", on left bank five feet downstream from county highway bridge, 0.5 mile downstream from bridge on U.S. Highway 26, 0.8 mile upstream from mouth, and 1.5 miles west of Lewellen.

DRAINAGE AREA.--1,120 square miles, of which approximately 80 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 3,310.04 feet above sea level.

PERIOD OF RECORD.--Oct. 1930 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records good, except records below 5 cubic feet per second are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 720 cubic feet per second May 20, 1938, gage height 6.46 feet; maximum gage height 7.28 feet December 17, 1985, backwater from ice; no flow for short periods many years since 1940.

EXTREMES FOR CURRENT YEAR.--Peak discharge 176 cubic feet per second June 25, gage height 4.15 feet; minimum daily discharge zero August 4 - 6.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	57	82	85	85e	96	82	83	87	68	70	3.8	34
2	57	81	86	85e	90	85	85	88	72	73	1.0	38
3	59	81	86	80e	86	84	82	91	73	70	0.37	35
4	61	81	84	75e	88	84	88	90	70	68	0.00	35
5	61	84	83e	80e	87	84	89	86	67	68	0.00	38
6	60	88	85e	90e	88	82	83	84	68	63	0.00	41
7	57	88	88	85e	88	81	95	83	69	61	47	43
8	56	86	87	86	88	84	95	81	74	53	45	42
9	55	85	85	90	92	87	91	79	97	38e	55	47
10	55	85	83	88	97	83	91	85	110	28e	57	51
11	58	87	84	84	95	78	91	89	108	20e	50	52
12	83	87	83	88	91	79	88	87	130	12e	7.5	52
13	98	87	83	86	91	79	89	82	138	12e	1.5	49
14	94	87	75e	83e	90	84	87	79	109	13	0.85	52
15	90	85	70e	83e	90	82	85	77	107	19	0.43	54
16	84	85	75e	82e	91	82	88	77	96	14	0.88	53
17	87	86	80e	90	93	82	107	77	91	6.1	2.7	51
18	89	86	85e	89	94	81	134	77	87	9.3	2.0	49
19	84	86	85e	89	93	80	147	75	86	20	5.6	41
20	86	85	90e	89	94	79	121	74	88	25	7.7	36
21	89	84	85e	87	93	80	102	75	83	26	13	36
22	88	84	80e	87	93	88	92	75	85	15	9.8	33
23	87	86	80e	87	95	83	89	88	90	10	8.7	38
24	86	86	80e	80e	94	81	87	89	119	6.6	9.2	44
25	86	85	85e	75e	95	78	85	89	154	6.1	6.8	45
26	86	85	85e	75e	94	78	84	96	109	6.0	5.2	48
27	86	85	80e	70e	90	77	84	98	99	4.8	1.7	51
28	84	86	80e	90e	85	75	84	85	90	6.5	8.8	52
29	84	88	80e	125e	---	79	84	70	76	10.0	16	52
30	84	87	85e	130e	---	78	85	67	67	9.2	29	51
31	83	---	85e	110e	---	82	---	65	---	8.3	35	---
TOTAL	2374	2558	2567	2723	2561	2521	2795	2545	2780	850.9	431.53	1343
MEAN	76.6	85.3	82.8	87.9	91.5	81.4	93.1	82.0	92.6	27.4	13.9	44.7
MAX	98	88	90	130	97	88	147	98	154	73	57	54
MIN	55	81	70	70	85	75	82	65	67	4.8	0.00	33
AC-FT	4709	5074	5092	5401	5080	5000	5544	5048	5514	1688	856	2664
CAL YEAR 2008 TOTAL			24550	MEAN	67.1	MAX	110.0	MIN	0.14	AC-FT	48690	
WTR YEAR 2009 TOTAL			26049	MEAN	71.4	MAX	154.0	MIN	0.000	AC-FT	51670	

e indicates estimated discharge.

NORTH PLATTE RIVER at Lewellen, 06687500

LOCATION.--SE1/4NW1/4 Sec. 34-16-42 W., Garden County, Lat. 41° 19' 01", Long. 102° 07' 32", on left bank 19 feet downstream from bridge on State Highway 26, one mile southeast of Lewellen and approximately 0.5 mile upstream from highwater line of Lake McConaughy.

DRAINAGE AREA.--28,600 square miles, approximately 25,400 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 3285.88 feet above sea level.

PERIOD OF RECORD.--1931 irrigation season, 1940 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 13,500 cubic feet per second June 4, 1971, at different datum; minimum daily discharge 38 cubic feet per second June 24, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,950 cubic feet per second June 13, gage height 7.31 feet; minimum daily discharge 557 cubic feet per second July 24.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	748	1060	1000	860e	990e	744	743	805	852	1090	923	837
2	736	1070	988	800e	1000e	762	751	774	966	1140	928	864
3	718	1050	967	800e	1000e	777	737	822	1020	1150	868	849
4	712	1010	904	800e	1100e	766	786	810	974	1190	796	794
5	724	1020	869	800e	1200e	752	833	734	854	1210	707	745
6	723	1050	895	820e	1100	725	881	668	905	1300	637	691
7	704	1050	962	820e	929	703	851	594	1040	1340	655	664
8	709	1030	976	840e	913	730	836	577	976	1230	652	674
9	715	1030	967	840e	964	754	824	682	1170	1120	751	728
10	732	1020	924	860e	1000	732	854	825	1130	1010	842	816
11	782	1020	954	860e	928	701	842	935	1300	946	919	833
12	1070	1030	956	880e	874	698	822	886	2040	893	888	920
13	1220	992	961	880e	842	706	819	866	2630	863	838	990
14	1090	944	900e	860e	811	723	785	803	1890	991	784	1030
15	1020	920	900e	860e	783	717	764	778	1500	1020	771	1070
16	989	932	900e	860e	799	702	793	829	1500	915	735	1120
17	1040	970	880e	880e	801	679	1060	911	1540	829	741	1170
18	1040	989	880e	880e	813	660	1430	933	1370	775	747	1200
19	1010	998	880e	880e	802	633	1590	913	1230	691	780	1200
20	992	1000	880e	880e	800	632	1400	831	1210	640	783	1220
21	1010	1000	860e	900e	803	655	1240	697	1110	625	808	1330
22	1050	1020	860e	900e	795	669	1120	613	1110	583	780	1360
23	1040	1030	860e	900e	822	675	1030	748	1010	565	730	1450
24	1030	1020	860e	940e	847	712	987	729	1270	557	740	1460
25	1030	990	840e	940e	853	738	931	738	1350	576	748	1540
26	999	960	840e	940e	840	737	893	876	1180	577	794	1420
27	969	962	840e	940e	806	736	855	895	1270	620	745	1360
28	962	986	840e	940e	751	735	819	874	1160	713	721	1280
29	989	1010	840e	980e	---	751	799	855	1080	755	750	1180
30	1030	1040	860e	980e	---	760	791	830	1030	821	798	1110
31	1050	---	860e	980e	---	774	---	796	---	882	829	---
TOTAL	28633	30203	27903	27300	24966	22238	27866	24627	37667	27617	24188	31905
MEAN	923.0	1007	900.3	880.6	891.9	717.3	928.7	794.4	1255	891.2	780.3	1064
MAX	1220	1070	1000	980	1200	777	1590	935	2630	1340	928	1540
MIN	704	920	840	800	751	632	737	577	852	557	637	664
AC-FT	56790	59910	55340	54150	49520	44110	55270	48850	74710	54780	47980	63280
CAL YEAR 2008	TOTAL		296471	MEAN	810.0	MAX	1760	MIN	144.0	AC-FT	588000	
WTR YEAR 2009	TOTAL		335113	MEAN	918.1	MAX	2630	MIN	557.0	AC-FT	664700	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

KINGSLEY RESERVOIR from North Platte River, 06690000

LOCATION.--NW1/4SW1/4 Sec. 3-14-38 W. near Ogallala

GAGE.--Electric tape gage read once daily

PERIOD OF RECORD.--1941 - 1988, 1990

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of flood pool	3277.5	2,179,800
Top of conservation pool	3270.0	1,948,000
Dead storage	3130.0	Negligible

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	604000	655800	707800	735400	780400	832500	872000	860100	892100	947400	910300	858100
2	605700	657500	709600	735400	782300	834400	872000	860100	892100	947400	910300	856100
3	605700	659300	711400	739000	784200	836400	872000	862100	892100	947400	908300	856100
4	607400	661100	711400	740900	788000	838400	876000	864100	894100	947400	906200	856100
5	609100	666300	713200	740900	790000	838400	874000	864100	894100	945300	904200	854100
6	610800	668100	713200	742800	793800	840300	878000	866000	894100	945300	904200	852200
7	610800	666300	715100	744600	793800	842300	878000	866000	896100	947400	902200	852200
8	612500	668100	716900	746500	797600	842300	876000	866000	896100	945300	900200	850200
9	612500	669900	718700	748400	801500	844300	876000	866000	898100	945300	898100	850200
10	614200	671700	718700	750200	803400	844300	872000	868000	900200	943200	890100	848200
11	615900	675300	720600	752100	803400	846200	870000	868000	902200	941200	888100	848200
12	619300	677000	722400	754000	805300	846200	866000	868000	906200	941200	888100	850200
13	621100	678800	726100	755900	809200	848200	860100	870000	908300	937000	886000	848200
14	622800	680600	724200	755900	809200	850200	856100	870000	916400	934900	886000	848200
15	624500	682400	722400	757700	811100	848200	852200	872000	918500	934900	886000	848200
16	626200	684200	722400	759600	813000	852200	854100	872000	922600	932900	886000	850200
17	627900	686000	724200	759600	815000	852200	854100	874000	926700	932900	882000	852200
18	631400	687800	724200	763400	816900	854100	856100	874000	930800	930800	878000	852200
19	631400	689600	724200	765300	818800	854100	856100	876000	930800	930800	876000	852200
20	631400	689600	724200	767200	820800	856100	854100	876000	934900	928800	874000	852200
21	636600	693200	724200	769000	820800	856100	854100	878000	934900	926700	874000	854100
22	638300	695000	722400	770900	822800	858100	854100	878000	937000	924600	874000	856100
23	640100	696900	724200	772800	824700	858100	856100	880000	937000	922600	872000	860100
24	641800	696900	726100	772800	826600	858100	856100	882000	941200	920500	870000	862100
25	643500	698700	728000	774700	828600	866000	856100	882000	941200	920500	868000	864100
26	645300	700500	728000	774700	828600	866000	858100	884000	943200	918500	868000	866000
27	647000	702300	729800	774700	830600	868000	858100	884000	943200	916400	868000	866000
28	648800	704100	729800	774700	832500	868000	858100	886000	943200	916400	866000	868000
29	650500	704100	731600	774700	---	868000	858100	888100	941200	914400	862100	870000
30	652300	707800	731600	776600	---	872000	858100	888100	945300	912300	862100	872000
31	654000	---	733500	778500	---	874000	---	890100	---	912300	858100	---
MEAN	627200	682500	721900	759000	809000	852100	863100	873600	918500	932600	884100	855800
MAX	654000	707800	733500	778500	832500	874000	878000	890100	945300	947400	910300	872000
MIN	604000	655800	707800	735400	780400	832500	852200	860100	892100	912300	858100	848200
CAL YEAR 2008	MEAN	681200	MAX	803400	MIN	565500						
WTR YEAR 2009	MEAN	814800	MAX	947400	MIN	604000						

NORTH PLATTE RIVER BASIN

SUTHERLAND CANAL from North Platte River and Kingsley Reservoir, 00138000

LOCATION.--NW1/4NW1/4 Sec. 7-14-37 W. near Keystone

GAGE.--Continuous stage recorder and concrete control section

PERIOD OF RECORD.--1936 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	197	223	40	32	350	520	357	727	1040	1150
2	0.00	0.00	198	216	40	31	395	418	364	693	1210	1010
3	0.00	0.00	207	208	40	31	389	370	361	679	1270	863
4	0.00	0.00	201	200	40	31	395	334	359	682	1290	856
5	0.00	0.00	200	183	40	31	396	270	356	677	1310	857
6	0.00	0.00	200	40	40	31	449	284	359	673	1330	853
7	0.00	0.00	206	40	40	31	590	326	358	709	1500	844
8	0.00	0.00	203	40	40	31	1040	323	279	791	1500	845
9	0.00	0.00	199	40	40	31	1310	332	225	941	1500	848
10	0.00	0.00	223	40	40	31	1440	334	193	1100	1440	851
11	0.00	0.00	204	40	40	31	1500	336	197	1200	1320	826
12	0.00	0.00	214	40	38	31	1500	332	140	1280	1290	740
13	0.00	0.00	211	40	38	31	1510	331	141	1360	1220	697
14	0.00	0.00	274	40	38	31	1570	334	141	1360	1190	693
15	0.00	0.00	463	40	38	31	1500	333	142	1360	1190	692
16	0.00	0.00	363	40	36	31	1410	334	143	1290	1200	695
17	0.00	0.00	383	40	36	31	1310	332	143	1170	1200	699
18	0.00	0.00	299	40	36	31	1200e	328	144	1060	1170	700
19	0.00	0.00	226	40	36	31	1100e	328	144	1140	963	704
20	0.00	0.00	313	40	36	31	1000e	354	145	1200	823	639
21	0.00	0.00	370	40	34	31	832	488	146	1230	766	439
22	0.00	0.00	361	40	34	31	746	529	162	1090	730	339
23	0.00	0.00	288	40	34	31	750e	511	376	985	709	211
24	0.00	154	217	40	34	31	750e	491	641	939	721	0.00e
25	0.00	194	209	40	34	31	750e	433	819	940	805	0.00e
26	0.00	198	200	40	32	203	700e	301	918	932	1160	0.00e
27	0.00	208	210	40	32	252	700e	321	901	980	1310	0.00e
28	0.00	195	205	40	32	246	681	360	897	1010	1360	0.00e
29	0.00	203	212	40	---	245	672	355	836	890	1360	0.00e
30	0.00	206	207	40	---	266	649	352	758	653	1370	0.00e
31	0.00	---	213	40	---	311	---	356	---	829	1280	---
TOTAL	0	1358	7676	2070	1038	2299	27584	11350	11145	30570	36527	17051
MEAN	0.000	45.3	247.6	66.8	37.1	74.2	919.2	366.2	371.5	985.8	1179	568.2
MAX	0.00	208	463	223	40	311	1570	529	918	1360	1500	1150
MIN	0.00	0.00	197	40	32	31	350	270	140	653	709	0.00
AC-FT	0.00	2694	15230	4106	2059	4560	54710	22510	22110	60630	72450	33820

CAL YEAR 2008 TOTAL 135307 MEAN 369.7 MAX 1750 MIN 0.000 AC-FT 268400
WTR YEAR 2009 TOTAL 148668 MEAN 407.3 MAX 1570 MIN 0.000 AC-FT 294900

e indicates estimated discharge.

SOUTH PLATTE RIVER BASIN

SOUTH PLATTE SUPPLY CANAL (Korty) from South Platte River, 06764900

LOCATION.--SE1/4 Sec. 8-13-36 W. near Paxton

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD OF RECORD.--1947 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	1.3	0.00e	0.00e	0.00e	120e	62	511	61	1010	215	99
2	0.00	0.00e	0.00e	0.00e	0.00e	122e	75	473	72	1050	213	95
3	0.00	0.00e	0.00e	0.00e	0.00e	124e	79	442	82	1080	212	89
4	0.00	0.00e	0.00e	0.00e	0.00e	113e	105	413	93	1070	205	80
5	0.00	0.00e	0.00e	0.00e	0.00e	107e	129	387	104	1020	196	74
6	0.00	0.00e	0.00e	155e	0.00e	115e	150	357	117	945	182	78
7	0.00	0.00e	0.00e	141e	199e	0.00e	182	329	129	865	176	82
8	0.00	0.00e	0.00e	140e	203e	0.00e	217	302	142	804	213	43
9	0.00	0.00e	0.00e	207e	189e	0.00e	261	270	281	758	246	12
10	0.00	0.00e	0.00e	122e	175e	0.00e	309	249	865	757	237	12
11	0.00	0.00e	0.00e	120e	155e	0.00e	354	219	1040	760	225	12
12	0.00	0.00e	0.00e	130e	158e	0.00e	384	199	1130	742	189	12
13	0.00	0.00e	0.00e	130e	158e	0.00e	412	177	1170	755	173	11
14	0.00	0.00e	0.00e	120e	155e	0.00e	439	153	1140	730	171	10
15	0.00	0.00e	0.00e	0.00e	146e	0.00e	458	140	1090	663	166	9.8
16	33	0.00e	0.00e	0.00e	129e	0.00e	484	127	1040	561	158	9.2
17	71	0.00e	0.00e	0.00e	120e	0.00e	543	115	1030	471	159	10
18	60	0.00e	0.00e	0.00e	0.00e	57	642	105	1040	301	167	9.9
19	51	0.00e	0.00e	0.00e	0.00e	53	681	94	1030	305	156	9.9
20	40	0.00e	0.00e	127e	0.00e	51	726	83	1000	296	215	10.0
21	35	0.00e	0.00e	122e	0.00e	49	774	75	968	285	240	9.6
22	43	0.00e	0.00e	117e	0.00e	46	431	65	907	281	14	9.4
23	37	0.00e	0.00e	125e	0.00e	46	472	59	891	279	6.7	8.7
24	31	0.00e	0.00e	129e	0.00e	43	505	50	892	277	4.6	82
25	24	0.00e	0.00e	96e	0.00e	46	534	43	917	276	7.1	132
26	19	0.00e	0.00e	56e	0.00e	49	566	38	952	270	9.3	132
27	13	0.00e	0.00e	40e	0.00e	47	632	26	998	271	43	129
28	9.9	0.00e	0.00e	36e	137e	47	611	28	1000	264	96	127
29	9.0e	0.00e	0.00e	40e	---	48	583	34	1020	251	93	123
30	6.0e	0.00e	0.00e	86e	---	49	555	42	1010	234	89	122
31	2.5	---	0.00e	0.00e	---	58	---	51	---	225	93	---
TOTAL	484.4	1.3	0	2239	1924	1390	12355	5656	22211	17856	4569.7	1642.5
MEAN	15.7	0.042	0.000	72.2	68.7	44.9	411.9	182.4	740.6	576.5	147.4	54.7
MAX	71	1.3	0.00	207	203	124	774	511	1170	1080	246	132
MIN	0.00	0.00	0.00	0.00	0.00	0.00	62	26	61	225	4.6	8.7
AC-FT	961	2.6	0.00	4441	3816	2757	24510	11220	44050	35420	9064	3258
CAL YEAR 2008	TOTAL		12257	MEAN	33.5	MAX	266.0	MIN	0.000	AC-FT	24310	
WTR YEAR 2009	TOTAL		70329	MEAN	192.7	MAX	1170	MIN	0.000	AC-FT	139500	

e indicates estimated discharge.

NORTH & SOUTH PLATTE RIVER BASIN

SUTHERLAND RESERVOIR from North & South Platte Rivers, 00409100

LOCATION.--NE1/4 Township 13, Range 33 W. near Sutherland

GAGE.--Staff gage

PERIOD OF RECORD.--1936 - present

REMARKS.--Published as combined total of Sutherland and Maloney Reservoirs before 1988. Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Normal maximum operating level	3055.0	64,720
Normal minimum operating level	3041.6	28,350

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44290	39900	37800	44240	46980	47700	46460	45620	48900	60380	50000	41340
2	44030	39870	38060	44690	47040	47610	46790	45970	48990	61210	49720	42130
3	43760	39820	38450	44460	47150	47450	46950	46080	49190	61690	48940	42580
4	43460	39770	38650	44320	47280	47530	46950	46300	49410	62240	47230	43250
5	43540	39770	38270	44590	47450	47280	47370	46430	49550	62110	46380	43950
6	43300	39510	38400	44510	47640	47120	47940	46540	49800	62900	45400	44590
7	43220	39350	38450	45050	47750	47150	48030	46570	49940	63110	44670	45560
8	42930	39250	38580	44780	48000	47010	47920	46490	49970	63020	44080	46820
9	42640	39090	38680	44860	48110	46870	47610	46540	50160	62660	43920	47940
10	42320	39070	38890	45020	48300	46710	46930	46650	50560	62150	44270	48970
11	42580	38990	39220	45080	48360	46600	46900	46630	50720	61210	44400	50050
12	42850	38890	39250	45160	48360	46490	46760	46760	50580	59750	44510	50890
13	42720	38860	39350	45970	48470	46430	46380	46650	50250	59840	44590	51770
14	42500	38780	39250	46130	48360	46330	46190	46740	50050	59930	44480	52530
15	42320	38500	39250	46460	48550	46270	45860	46740	49800	60140	45000	53360
16	42080	38060	40000	46630	48550	46220	45810	46760	49220	60080	45480	54370
17	41920	37960	40260	46760	48520	46050	46430	46760	48800	60500	45620	55320
18	41790	37880	40680	46930	48500	46000	46950	46790	48440	60530	46000	56130
19	41520	37700	40810	46840	48380	45940	47560	46710	48000	60620	46030	56980
20	41210	37470	41100	47280	48270	45700	47940	46520	47780	60530	45620	57710
21	41230	37340	41520	47370	48250	45650	48250	46520	47830	60530	45130	58150
22	41020	37140	42270	47340	48160	45350	48140	46650	48140	59660	44540	58570
23	40870	36860	42850	47170	48140	45460	47830	46760	48770	58480	43860	58570
24	40680	36630	42850	46950	48110	45160	47280	46900	49940	55990	42640	58420
25	40580	36930	42800	47200	48220	45000	46930	47480	52110	54510	41660	58360
26	40450	37140	42880	47170	48140	45080	46790	48000	53930	52880	40500	58330
27	40450	36990	42900	47150	47780	45240	46330	48160	55670	51630	39870	58090
28	40210	37390	43120	46930	47720	45080	46130	48380	57360	51260	39350	57860
29	40000	37550	43570	46820	---	45560	45670	48610	58710	51460	39270	57680
30	40030	37420	44110	46840	---	45890	45590	48800	59750	50700	39170	57620
31	39980	---	44270	46790	---	46050	---	48940	---	50250	40320	---
MEAN	41950	38330	40530	46050	48020	46260	46960	46950	50740	58770	44280	52260
MAX	44290	39900	44270	47370	48550	47700	48250	48940	59750	63110	50000	58570
MIN	39980	36630	37800	44240	46980	45000	45590	45620	47780	50250	39170	41340
CAL YEAR 2008	MAX	52330	MIN	33090	AC-FT	30710000						
WTR YEAR 2009	MAX	63110	MIN	36630	AC-FT	33840000						

NORTH & SOUTH PLATTE RIVER BASIN

MALONEY RESERVOIR from North & South Platte Rivers, 00405500

LOCATION.--NW1/4NW1/4 Sec. 5-12-30 W. near North Platte

GAGE.--Staff gage

PERIOD OF RECORD.--1936 - present

REMARKS.--Published as combined total of Sutherland and Maloney Reservoirs before 1988. Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Maximum normal operating level	3006.0	19,450
Normal operating level	3005.0	17,800

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16050	13780	11800	11540	6475	8560	6580	18130	17480	17640	17800	17480
2	15890	13930	11800	11540	6475	8560	6580	18130	17320	17640	17800	17480
3	15740	13780	11800	11540	6475	8560	6580	17970	17320	17640	17800	17480
4	15740	13640	11800	11540	6475	8560	6580	17800	17320	17800	17800	17640
5	15580	13640	11800	11540	8905	8560	6370	17640	17480	17800	17800	17640
6	15580	13640	11800	10250	8905	8560	6370	17480	17480	17970	17970	17640
7	15430	13640	11800	10250	8905	8560	7550	17480	17480	18130	17970	17480
8	15430	13490	11540	10250	8905	8560	7440	17320	17480	18130	17970	17640
9	15270	13490	11540	10250	8905	8560	8560	17320	17480	17970	17970	17480
10	15120	13200	11540	10250	8905	8560	9750	17320	17320	17640	17970	17320
11	15430	13200	11540	10250	8905	8560	14650	17320	17320	17320	17970	17160
12	15430	13060	11540	10250	8905	8560	16840	17480	17320	17320	18130	17160
13	15270	13060	11540	10250	8905	8560	17320	17480	17320	17640	18130	17000
14	15270	13060	11410	10250	8905	8560	17320	17480	17320	17970	18130	16840
15	15120	13060	11410	10250	8905	8560	17320	17480	17320	17970	18130	16520
16	14960	12780	11410	10250	8905	7330	17000	17640	17480	17970	18130	16200
17	14960	12780	11280	10250	8560	7330	17160	17640	17480	18130	18300	15740
18	14810	12780	11540	10250	8560	7330	17480	17640	17640	18130	18300	15430
19	10500	12640	11540	6475	8560	7330	17970	17640	17640	17800	18300	15120
20	14650	12500	11540	6475	8560	7330	17970	17640	17640	17800	18130	14810
21	14650	12360	11540	6475	8560	7330	17970	17800	17640	17800	18300	14360
22	14650	12220	11540	6475	8560	7330	17970	17800	17320	17970	18130	14220
23	14510	12220	11540	6475	8560	7330	17160	17970	17480	17800	18130	13780
24	14510	12220	11540	6475	8560	7330	17320	17970	17480	17640	18130	13490
25	14510	12220	11540	6475	8560	7330	17320	18130	18130	17800	17800	13060
26	14510	12220	11540	6475	8560	7330	17320	18130	18130	17800	17800	12780
27	14510	12360	11540	6475	8560	7330	17320	17970	17800	17970	17640	12360
28	13930	12360	11540	6475	8560	7330	17000	17800	17800	17970	17640	11940
29	13930	12220	11540	6475	---	7330	16680	17640	17640	17970	17480	11540
30	14070	12220	11540	6475	---	6685	17480	17640	17640	17970	17640	11150
31	13780	---	11540	6475	---	6685	---	17480	---	17800	17640	---
MEAN	14830	12920	11580	8875	8410	7884	13900	17690	17520	17830	17960	15530
MAX	16050	13930	11800	11540	8905	8560	17970	18130	18130	18130	18300	17640
MIN	10500	12220	11280	6475	6475	6685	6370	17320	17320	17320	17480	11150
CAL YEAR 2008	MAX	18790	MIN	8445	AC-FT	10300000						
WTR YEAR 2009	MAX	18300	MIN	6370	AC-FT	9973000						

NORTH & SOUTH PLATTE RIVER BASIN

SUTHERLAND POWER RETURN to the South Platte River, 00140000

LOCATION.--NE1/4 Sec. 21-13-30 W. at North Platte

GAGE.--Differential pressure recorder

PERIOD OF RECORD.--1939 - present

REMARKS.--Values furnished by the Nebraska Public Power District

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	772	107	620	883	412
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	387	114	620	979	412
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	383	115	629	1290	413
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	238	109	627	1500	235
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	186	817	1490	248
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215	179	817	1640	238
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215	179	818	1630	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213	229	1070	1630	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	217	331	1330	1480	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490	1550	1290	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	222	590	1700	1110	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	610	219	745	1550	1100	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	1390	279	745	1400	1100	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	1400	108	742	1210	1050	73
15	0.00	0.00	0.00	0.00	0.00	0.00	1390	118	741	1210	897	138
16	0.00	0.00	0.00	0.00	0.00	0.00	1400	110	737	1210	724	138
17	0.00	0.00	0.00	0.00	0.00	0.00	1020	100	735	1020	725	141
18	0.00	0.00	0.00	0.00	0.00	0.00	891	113	744	1020	731	142
19	0.00	0.00	0.00	0.00	0.00	0.00	686	109	735	1020	737	148
20	0.00	0.00	0.00	0.00	0.00	0.00	691	153	702	1020	738	135
21	0.00	0.00	0.00	0.00	0.00	0.00	830	293	619	1020	738	141
22	0.00	0.00	0.00	0.00	0.00	0.00	825	305	395	1280	740	140
23	0.00	0.00	0.00	0.00	0.00	0.00	830	289	395	1470	941	157
24	0.00	0.00	0.00	0.00	0.00	0.00	831	151	213	1610	1070	176
25	0.00	0.00	0.00	0.00	0.00	0.00	831	209	310	1680	1170	186
26	0.00	0.00	0.00	0.00	0.00	0.00	832	212	325	1690	1350	214
27	0.00	0.00	0.00	0.00	0.00	0.00	1050	241	314	1580	1340	213
28	0.00	0.00	0.00	0.00	0.00	0.00	1050	142	324	1230	1340	216
29	0.00	0.00	0.00	0.00	---	0.00	1050	112	466	936	1260	221
30	0.00	0.00	0.00	0.00	---	0.00	536	107	495	883	1000	180
31	0.00	---	0.00	0.00	---	0.00	---	113	---	850	723	---
TOTAL	0	0	0	0	0	0	18143	6553	13111	35487	34396	4717
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	605.0	211.4	437.0	1144	1109	157.2
MAX	0.00	0.00	0.00	0.00	0.00	0.00	1400	772	745	1700	1640	413
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107	620	723	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	35990	13000	26010	70390	68220	9356
CAL YEAR 2008	TOTAL	67884	MEAN	185.5	MAX	1590	MIN	0.000	AC-FT	134600		
WTR YEAR 2009	TOTAL	112407	MEAN	308.0	MAX	1700	MIN	0.000	AC-FT	223000		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Keystone, 06690500

LOCATION.--SW1/4 Sec. 1-14-38 W., Keith County, Lat. 41°12'40", Long. 101°37'56", on right bank 0.2 miles downstream from diversion dam of Sutherland Reservoir supply canal and 2.3 miles southwest of Keystone.

DRAINAGE AREA.--29,300 square miles; approximately 25,800 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 3,105.59 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Periodic records 1917, 1939, 1940 - 1941, continuous record March 1942 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except records below 10 cubic feet per second are variable fair to poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 20,300 cubic feet per second June 30, 1917; no flow during many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,540 cubic feet per second April 13, gage height 4.45 feet; zero discharge October 7 - 12, 16 - 26, 31 - April 7, 17 - May 18.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140	145	274	346
2	159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145	196	307	355
3	207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150	356	394	391
4	199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131	439	448	391
5	198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115	441	477	401
6	46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115	392	459	413
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112	401	473	407
8	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	116	479	477	303
9	0.00	0.00	0.00	0.00	0.00	0.00	652	0.00	115	512	457	256
10	0.00	0.00	0.00	0.00	0.00	0.00	1260	0.00	119	575	372	208
11	0.00	0.00	0.00	0.00	0.00	0.00	1280	0.00	121	638	340	155
12	0.00	0.00	0.00	0.00	0.00	0.00	1430	0.00	85	684	365	123
13	52	0.00	0.00	0.00	0.00	0.00	1530	0.00	64	593	401	120
14	165	0.00	0.00	0.00	0.00	0.00	1470	0.00	63	535	348	99
15	86	0.00	0.00	0.00	0.00	0.00	1410	0.00	60	417	328	76
16	0.00	0.00	0.00	0.00	0.00	0.00	5.3	0.00	38	384	305	71
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	234	290	67
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	151	346	66
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31	25	167	381	65
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148	25	305	459	67
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145	26	365	476	64
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149	24	453	445	31
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147	25	523	454	5.8
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145	32	564	468	235
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147	66	546	474	522
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154	93	497	471	416
27	3.6	0.00	0.00	0.00	0.00	0.00	0.00	135	93	461	433	30
28	43	0.00	0.00	0.00	0.00	0.00	0.00	97	95	414	378	202
29	50	0.00	0.00	0.00	---	0.00	0.00	94	84	329	379	251
30	39	0.00	0.00	0.00	---	0.00	0.00	130	71	306	374	73
31	0.00	---	0.00	0.00	---	0.00	---	144	---	291	349	---
TOTAL	1386.6	0	0	0	0	0	9038.12	1666	2399	12793	12402	6209.8
MEAN	44.7	0.000	0.000	0.000	0.000	0.000	301.1	53.8	79.9	412.7	400.0	206.9
MAX	207	0.00	0.00	0.00	0.00	0.00	1530	154	150	684	477	522
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	145	274	5.8
AC-FT	2750	0.00	0.00	0.00	0.00	0.00	17930	3304	4758	25370	24600	12320
CAL YEAR 2008	TOTAL		63559	MEAN	173.7	MAX	2230	MIN	0.000	AC-FT	126100	
WTR YEAR 2009	TOTAL		45895	MEAN	125.7	MAX	1530	MIN	0.000	AC-FT	91030	

NORTH PLATTE RIVER BASIN

KEITH - LINCOLN COUNTY CANAL from North Platte River, 00076000

LOCATION.--NE1/4SE1/4 Sec. 18-14-36 W. near Roscoe

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	35	22	64	66
2	0.00	---	---	---	---	---	---	0.00	35	22	62	67
3	0.00	---	---	---	---	---	---	0.00	57	22	60	66
4	0.00	---	---	---	---	---	---	0.00	77	22	60	63
5	0.00	---	---	---	---	---	---	0.00	72	23	75	59
6	0.00	---	---	---	---	---	---	0.00	69	24	86	59
7	0.00	---	---	---	---	---	---	0.00	64	25	89	58
8	0.00	---	---	---	---	---	---	0.00	61	45	89	43
9	0.00	---	---	---	---	---	---	0.00	52	71	74	33
10	0.00	---	---	---	---	---	---	0.00	55	73	76	0.00
11	0.00	---	---	---	---	---	---	0.00	53	80	82	0.00
12	0.00	---	---	---	---	---	---	0.00	50	80	87	0.00
13	0.00	---	---	---	---	---	---	0.00	47	79	86	0.00
14	0.00	---	---	---	---	---	---	0.00	44	80	83	0.00
15	---	---	---	---	---	---	---	0.00	41	79	101	0.00
16	---	---	---	---	---	---	---	0.00	24	77	101	0.00
17	---	---	---	---	---	---	---	0.00	15	60	101	0.00
18	---	---	---	---	---	---	---	0.00	13	43	79	0.00
19	---	---	---	---	---	---	---	0.02	12	55	77	0.00
20	---	---	---	---	---	---	---	0.32	9.9	61	75	0.00
21	---	---	---	---	---	---	---	0.90	8.8	51	71	0.00
22	---	---	---	---	---	---	0.00	4.5	7.5	43	70	0.00
23	---	---	---	---	---	---	0.00	6.3	6.3	45	70	0.00
24	---	---	---	---	---	---	0.00	3.8	3.4	47	70	0.00
25	---	---	---	---	---	---	0.00	5.0	0.05	49	70	0.00
26	---	---	---	---	---	---	0.00	6.4	16	54	71	0.00
27	---	---	---	---	---	---	0.00	7.9	18	64	73	0.00
28	---	---	---	---	---	---	0.00	9.5	19	66	73	0.00
29	---	---	---	---	---	---	0.00	11	20	67	72	0.00
30	---	---	---	---	---	---	0.00	14	21	67	69	0.00
31	---	---	---	---	---	---	---	34	---	65	66	---
TOTAL	0	0	0	0	0	0	0	103.64	1005.95	1661	2382	514
MEAN	0.000	---	---	---	---	---	0.000	3.4	33.5	53.6	76.8	17.1
MAX	0.00	---	---	---	---	---	0.00	34	77	80	101	67
MIN	0.00	---	---	---	---	---	0.00	0.00	0.05	22	60	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	1995	3295	4725	1020
CAL YEAR 2008	MAX	94.0	MIN	0.000	AC-FT	10850						
WTR YEAR 2009	MAX	101.0	MIN	0.000	AC-FT	11240						

NORTH PLATTE RIVER BASIN

NORTH PLATTE CANAL from North Platte River, 00114000

LOCATION.--SE1/4NE1/4 Sec. 18-14-33 W. near Sutherland

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	51	78	168	195
2	0.00	---	---	---	---	---	---	0.00	63	99	163	197
3	0.00	---	---	---	---	---	---	0.00	75	112	167	206
4	0.00	---	---	---	---	---	---	0.00	75	151	190	202
5	0.00	---	---	---	---	---	---	0.00	75	159	220	171
6	0.00	---	---	---	---	---	---	0.00	89	193	229	156
7	0.00	---	---	---	---	---	0.00	0.00	97	228	229	169
8	---	---	---	---	---	---	0.00	2.5	97	229	214	184
9	---	---	---	---	---	---	0.00	36	90	245	207	176
10	---	---	---	---	---	---	0.00	37	88	260	205	143
11	---	---	---	---	---	---	0.00	34	89	254	201	113
12	---	---	---	---	---	---	0.00	27	90	229	185	90
13	---	---	---	---	---	---	0.00	45	89	211	169	89
14	---	---	---	---	---	---	0.00	44	87	187	153	89
15	---	---	---	---	---	---	0.00	44	84	171	151	88
16	---	---	---	---	---	---	0.00	43	83	153	162	83
17	---	---	---	---	---	---	0.00	43	82	140	172	80
18	---	---	---	---	---	---	0.00	42	79	135	176	79
19	---	---	---	---	---	---	0.00	43	80	137	194	78
20	---	---	---	---	---	---	0.00	54	66	136	206	70
21	---	---	---	---	---	---	0.00	56	65	150	230	63
22	---	---	---	---	---	---	0.00	57	63	191	236	69
23	---	---	---	---	---	---	0.00	56	61	223	221	53
24	---	---	---	---	---	---	0.00	57	60	230	225	27
25	---	---	---	---	---	---	0.00	56	59	235	229	15
26	---	---	---	---	---	---	0.00	57	58	244	208	18
27	---	---	---	---	---	---	0.00	56	60	240	193	6.9
28	---	---	---	---	---	---	0.00	55	67	219	176	5.5
29	---	---	---	---	---	---	0.00	52	73	197	168	5.9
30	---	---	---	---	---	---	0.00	55	71	175	174	6.7
31	---	---	---	---	---	---	---	56	---	171	184	---
TOTAL	0	0	0	0	0	0	0	1107.5	2266	5782	6005	2928
MEAN	0.000	---	---	---	---	---	0.000	35.6	75.5	186.5	193.8	97.7
MAX	0.00	---	---	---	---	---	0.00	57	97	260	236	206
MIN	0.00	---	---	---	---	---	0.00	0.00	51	78	151	5.5
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2197	4495	11470	11910	5808
CAL YEAR 2008	MAX	269.0	MIN	0.000	AC-FT	36690						
WTR YEAR 2009	MAX	260.0	MIN	0.000	AC-FT	35880						

NORTH PLATTE RIVER BASIN

PAXTON-HERSHEY CANAL from North Platte River, 00121000

LOCATION.--SE1/4SE1/4 Sec. 7-14-33 W. near Sutherland

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	34	16	72	84
2	0.00	---	---	---	---	---	---	0.00	34	16	59	86
3	0.00	---	---	---	---	---	---	0.00	34	31	74	89
4	0.00	---	---	---	---	---	---	0.00	34	50	100	100
5	0.00	---	---	---	---	---	---	0.00	33	58	103	73
6	0.00	---	---	---	---	---	---	0.00	32	69	102	40
7	0.00	---	---	---	---	---	---	0.00	33	73	100	35
8	---	---	---	---	---	---	---	0.00	33	87	100	42
9	---	---	---	---	---	---	---	0.00	36	99	100	61
10	---	---	---	---	---	---	---	0.00	36	106	96	60
11	---	---	---	---	---	---	---	0.00	36	112	81	50
12	---	---	---	---	---	---	---	0.00	36	117	83	43
13	---	---	---	---	---	---	---	0.00	35	118	86	41
14	---	---	---	---	---	---	---	0.00	26	117	71	39
15	---	---	---	---	---	---	---	0.00	12	115	58	36
16	---	---	---	---	---	---	---	0.00	36	101	50	33
17	---	---	---	---	---	---	---	0.00	36	77	41	31
18	---	---	---	---	---	---	---	0.00	33	67	55	29
19	---	---	---	---	---	---	---	0.00	30	46	79	27
20	---	---	---	---	---	---	---	0.00	30	44	94	28
21	---	---	---	---	---	---	---	6.6	31	83	101	32
22	---	---	---	---	---	---	0.00	13	31	94	101	33
23	---	---	---	---	---	---	0.00	27	32	75	95	25
24	---	---	---	---	---	---	0.00	36	30	79	92	11
25	---	---	---	---	---	---	0.00	36	29	84	89	7.4
26	---	---	---	---	---	---	0.00	34	30	100	88	11
27	---	---	---	---	---	---	0.00	32	18	103	88	11
28	---	---	---	---	---	---	0.00	31	0.00	100	87	9.0
29	---	---	---	---	---	---	0.00	29	3.0	80	86	8.0
30	---	---	---	---	---	---	0.00	27	19	70	85	3.9
31	---	---	---	---	---	---	---	30	---	75	84	---
TOTAL	0	0	0	0	0	0	0	301.6	872	2462	2600	1178.3
MEAN	0.000	---	---	---	---	---	0.000	9.8	29.1	79.4	83.9	39.3
MAX	0.00	---	---	---	---	---	0.00	36	36	118	103	100
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	16	41	3.9
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	598	1730	4883	5157	2337
CAL YEAR 2008	MAX	100.0	MIN	0.000	AC-FT	13790						
WTR YEAR 2009	MAX	118.0	MIN	0.000	AC-FT	14710						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Sutherland, 06691000

LOCATION.--SW1/4SW1/4 Sec. 4-14-33 W., Lincoln County, Lat. 41° 12' 37", Long. 101° 06' 53", on right bank 200 feet south and 75 feet west of right end of bridge on county road, 2.5 miles upstream from Birdwood Creek and 3.5 miles north of Sutherland.

GAGE.--Continuous stage recorder. Elevation of gage 2,920 feet, from topographic map, Hershey West Quadrangle, 7.5 minute series.

PERIOD OF RECORD.--1917, 1931 - 1933, 1935, Irrigation season only, 1936 - 1992, all year record, 1993 - 1999, May - September partial year record. All year record October 1999 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 20,300 cubic feet per second June 29, 1917, from discharge graph based on daily gage readings, from rating curve extended above 16,000 cubic feet per second; no flow July 24 - 28, 30, 31, 1931, August 7, 1934, July 20 - 28, 1940.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,670 cubic feet per second April 14, gage height 5.18 feet; minimum daily flow 47 cubic feet per second May 20 and July 20.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	156	142	103	125e	120e	143	108	148	100	49	89	111
2	248	131	103	125e	129	150	110	146	94	49	80	104
3	270	128	98	130e	126	155	113	155	100	52	77	82
4	303	125	96	130e	126	161	114	162	104	103	95	102
5	299	125	89	130e	128	160	110	140	89	175	101	178
6	333	130	104	130e	130	138	112	136	85	146	114	252
7	216	123	102	129e	131	123	119	133	62	74	124	260
8	153	117	103	125e	125	123	126	123	60	68	145	258
9	134	120	105e	125e	174	122	157	101	118	75	165	213
10	124	122	105e	120e	193	112	619	105	117	99	164	178
11	123	123	110e	120e	166	105	1080	93	120	155	106	174
12	207	126	110e	110e	150	104	1260	109	150	245	88	163
13	292	125	110e	110e	150	113	1500	58	115	307	120	137
14	216	123	110e	100e	138	118	1580	55	86	232	192	129
15	256	117	110e	95e	135	123	1540	55	113	204	182	115
16	224	116	110e	135e	133	125	1340	53	105	200	155	100
17	167	113	110e	150e	144	125	590	53	100	207	130	94
18	148	114	110e	121	151	123	500	55	69	157	93	85
19	140	115	120e	122	154	122	388	55	89	84	83	79
20	132	108	120e	121	161	120	277	47	80	47	89	79
21	136	102	120e	120	152	123	230	109	71	80	126	84
22	175	106	120e	121	150	125	207	134	64	91	133	78
23	174	108	120e	117	150	122	193	99	58	180	142	114
24	171	107	120e	105e	161	116	171	146	60	307	167	139
25	158	108	120e	104e	165	113	157	136	57	267	173	239
26	151	110	120e	92e	160	109	156	170	55	221	198	457
27	140	108	120e	117e	147	107	146	178	95	154	221	417
28	134	105	120e	130e	132	111	142	149	117	174	183	185
29	147	105	120e	135e	---	116	149	123	98	163	156	250
30	165	104	125e	111e	---	113	157	112	68	129	165	278
31	167	---	125e	117e	---	111	---	92	---	94	153	---
TOTAL	5859	3506	3458	3722	4081	3831	13451	3430	2699	4588	4209	5134
MEAN	189.0	116.8	111.5	120.1	145.7	123.6	448.0	110.6	89.9	148.0	135.7	171.1
MAX	333	142	125	150	193	161	1580	178	150	307	221	457
MIN	123	102	89	92	120	104	108	47	55	47	77	78
AC-FT	11620	6954	6859	7382	8095	7599	26680	6803	5353	9100	8348	10180
CAL YEAR 2008	TOTAL		74758	MEAN	204.3	MAX	2120	MIN	30.0	AC-FT	148300	
WTR YEAR 2009	TOTAL		57968	MEAN	158.8	MAX	1580	MIN	47.0	AC-FT	115000	

e indicates estimated discharge.

BIRDWOOD CANAL from Birdwood Creek, 00016000

LOCATION.--SE1/4SW1/4 Sec. 35-15-33 W. near Hershey

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1921 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	---	---	---	---	---	0.00	0.00	25	19	11	28
2	17	---	---	---	---	---	0.00	0.00	32	23	19	31
3	17	---	---	---	---	---	0.00	0.00	30	26	20	25
4	16	---	---	---	---	---	0.00	0.00	29	32	21	23
5	18	---	---	---	---	---	0.00	0.00	32	36	22	25
6	20	---	---	---	---	---	0.00	0.00	22	32	30	27
7	18	---	---	---	---	---	0.00	0.00	16	28	30	20
8	18	---	---	---	---	---	0.00	0.00	15	30	25	14
9	18	---	---	---	---	---	0.00	0.00	20	32	17	15
10	19	---	---	---	---	---	0.00	0.00	18	33	25	14
11	20	---	---	---	---	---	0.00	0.00	12	40	27	13
12	14	---	---	---	---	---	0.00	0.00	13	44	28	14
13	5.5	---	---	---	---	---	0.00	6.1	11	43	27	13
14	0.00	---	---	---	---	---	0.00	15	9.0	47	19	13
15	0.00	---	---	---	---	---	0.00	18	9.7	41	21	13
16	0.00	---	---	---	---	---	0.00	18	10	27	21	13
17	0.00	---	---	---	---	---	0.00	19	9.5	20	17	13
18	0.00	---	---	---	---	---	0.00	20	9.2	19	18	13
19	0.00	---	---	---	---	---	0.00	20	6.4	20	24	13
20	0.00	---	---	---	---	---	0.00	20	5.7	22	20	13
21	0.00	---	---	---	---	---	0.00	19	5.7	24	21	13
22	0.00	---	---	---	---	---	0.00	20	5.6	20	29	13
23	---	---	---	---	---	---	0.00	23	9.4	18	30	15
24	---	---	---	---	---	---	0.00	14	14	20	27	15
25	---	---	---	---	---	---	0.00	5.7	14	20	29	14
26	---	---	---	---	---	---	0.00	6.2	14	22	29	13
27	---	---	---	---	---	---	0.00	6.9	18	22	31	12
28	---	---	---	---	---	---	0.00	11	20	19	31	12
29	---	---	---	---	---	---	0.00	12	19	12	35	12
30	---	---	---	---	---	---	0.00	13	19	5.7	34	13
31	---	---	---	---	---	---	---	16	---	5.7	24	---
TOTAL	217.5	0	0	0	0	0	0	282.9	473.2	802.4	762	485
MEAN	9.9	---	---	---	---	---	0.000	9.2	15.8	25.9	24.6	16.1
MAX	20	---	---	---	---	---	0.00	23	32	47	35	31
MIN	0.00	---	---	---	---	---	0.00	0.00	5.6	5.7	11	12
AC-FT	431	0.00	0.00	0.00	0.00	0.00	0.00	561	939	1592	1511	962
CAL YEAR 2008	MAX	57.0	MIN	0.000	AC-FT	6813						
WTR YEAR 2009	MAX	47.0	MIN	0.000	AC-FT	5996						

NORTH PLATTE RIVER BASIN

BIRDWOOD CREEK near Hershey, 06692000

LOCATION.--NE1/4NW1/4 Sec. 2-14-33 W., Lincoln County, Lat. 41° 13' 20", Long. 101° 04' 12"

GAGE.--Continuous stage recorder. Gage Elevation is 2,920 feet above National Geodetic Vertical Datum of 1929 from topographic map.

PERIOD OF RECORD.-- May - September partial year record 1994 - 1999, full time operation May 1931 - 1993, 2000 - present. Records are good, except estimated records are poor.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 244 cubic feet per second October 13, gage height 1.84 feet; maximum gage height 3.38 feet December 12 due to ice conditions; minimum daily discharge 115 cubic feet per second September 1 & 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	129	159	150	155e	170	164	156	160	126	133	140	115
2	132	160	155	161	166	166	157	159	123	130	127	115
3	133	166	157	163	169	173	150	159	119	127	125	118
4	135	157	151	160e	171	174	154	156	118	127	125	119
5	137	164	146	158e	171	174	149	150	118	125	124	120
6	157	153	158	157	174	170	147	150	147	122	125	118
7	147	155	160	157	172	166	160	152	149	120	135	123
8	142	161	156	166	175e	172	176	152	142	118	136	125
9	140	165	150	168	173e	170	174	145	174	116	136	134
10	139	163	143	158	175e	150	175	149	180	116	132	131
11	141	164	149	159	172e	145	169	153	151	120	130	129
12	202	165	148	165	171	155	174	153	165	124	133	128
13	233	175	146	158	173	161	178	140	158	125	133	128
14	196	172	146e	162	172	166	168	129	148	139	136	130
15	182	157	147e	165e	171	167	166	132	148	126	140	129
16	183	167	145e	168	166	167	168	129	148	133	141	127
17	184	165	145e	169	176	164	183	129	147	139	141	127
18	186	161	145e	170	180	164	199	129	149	146	138	127
19	186	166	145e	169	173	163	184	128	165	141	142	128
20	193	159	143e	166	176	162	168	127	158	141	139	129
21	199	147	142e	169	167	164	162	130	158	135	133	131
22	201	158	140e	172	171	165	158	126	157	154	128	134
23	185	161	142e	166	171	164	158	130	150	159	127	140
24	181	162	144e	168e	174	158	164	152	148	144	127	135
25	184	158	142e	166e	178	155	159	158	144	140	128	132
26	181	162	143e	165e	175	160	160	197	147	133	125	135
27	172	161	144e	165e	162	152	157	175	165	133	123	133
28	169	159	145e	166	164e	155	153	145	149	137	121	130
29	168	162	148e	168	---	156	155	137	138	146	119	131
30	166	157	150e	173	---	160	162	134	136	151	120	132
31	166	---	155e	175	---	155	---	131	---	148	118	---
TOTAL	5249	4841	4580	5107	4808	5037	4943	4496	4425	4148	4047	3833
MEAN	169.3	161.2	147.8	164.6	171.7	162.5	164.7	145.0	147.5	133.8	130.6	127.7
MAX	233	175	160	175	180	174	199	197	180	159	142	140
MIN	129	147	140	155	162	145	147	126	118	116	118	115
AC-FT	10410	9602	9084	10130	9537	9991	9804	8918	8777	8227	8027	7603
CAL YEAR 2008 TOTAL			55180	MEAN	150.8	MAX	233.0	MIN	105.0	AC-FT	109400	
WTR YEAR 2009 TOTAL			55514	MEAN	152.1	MAX	233.0	MIN	115.0	AC-FT	110100	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

SUBURBAN CANAL from North Platte River, 00136000

LOCATION.--SE1/4SE1/4 SEC. 7-14-32 W. near Hershey

GAGE.--Continuous stage recorder and 12 ft. Parshall flume

PERIOD OF RECORD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	39	45	63	81
2	0.00	---	---	---	---	---	---	0.00	39	45	66	83
3	0.00	---	---	---	---	---	---	0.00	39	45	68	82
4	0.00	---	---	---	---	---	---	0.00	39	46	69	82
5	0.00	---	---	---	---	---	---	0.00	39	60	86	88
6	0.00	---	---	---	---	---	---	0.00	39	66	88	93
7	0.00	---	---	---	---	---	---	0.00	39	66	87	88
8	0.00	---	---	---	---	---	---	0.00	39	85	82	71
9	0.00	---	---	---	---	---	---	0.00	40	95	75	75
10	0.00	---	---	---	---	---	---	0.00	41	101	70	69
11	0.00	---	---	---	---	---	---	0.00	40	106	66	69
12	0.00	---	---	---	---	---	---	0.00	41	97	69	65
13	0.00	---	---	---	---	---	---	0.00	39	94	73	63
14	0.00	---	---	---	---	---	---	0.00	36	94	73	57
15	0.00	---	---	---	---	---	---	0.00	37	96	72	49
16	0.00	---	---	---	---	---	---	0.00	38	92	70	48
17	0.00	---	---	---	---	---	---	0.00	37	75	70	48
18	0.00	---	---	---	---	---	---	0.00	36	70	81	48
19	0.00	---	---	---	---	---	---	0.00	35	73	82	46
20	0.00	---	---	---	---	---	---	1.1	33	74	82	46
21	0.00	---	---	---	---	---	---	9.2	32	74	84	45
22	0.00	---	---	---	---	---	0.00	46	33	72	82	45
23	---	---	---	---	---	---	0.00	52	34	88	82	46
24	---	---	---	---	---	---	0.00	40	33	90	84	43
25	---	---	---	---	---	---	0.00	40	33	90	85	15
26	---	---	---	---	---	---	0.00	34	17	86	85	2.7
27	---	---	---	---	---	---	0.00	0.71	3.3	85	87	2.2
28	---	---	---	---	---	---	0.00	25	2.3	82	85	1.8
29	---	---	---	---	---	---	0.00	44	8.3	69	83	1.4
30	---	---	---	---	---	---	0.00	44	45	67	83	1.4
31	---	---	---	---	---	---	---	42	---	62	83	---
TOTAL	0	0	0	0	0	0	0	378.01	1005.9	2390	2415	1554.5
MEAN	0.000	---	---	---	---	---	0.000	12.1	33.5	77.1	77.9	51.8
MAX	0.00	---	---	---	---	---	0.00	52	45	106	88	93
MIN	0.00	---	---	---	---	---	0.00	0.00	2.3	45	63	1.4
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	750	1995	4740	4790	3083
CAL YEAR 2008	MAX	110.0	MIN	0.000	AC-FT	15620						
WTR YEAR 2009	MAX	106.0	MIN	0.000	AC-FT	15360						

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River, 00027000

LOCATION.--SE1/4NE1/4 Sec. 9-14-31 W. near North Platte

GAGE.--Continuous stage recorder and concrete control

PERIOD OF RECORD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	12	5.8	11	23
2	0.00	---	---	---	---	---	---	0.00	17	9.7	10	21
3	0.00	---	---	---	---	---	---	0.00	21	18	8.7	22
4	0.00	---	---	---	---	---	---	0.00	22	17	8.7	25
5	0.00	---	---	---	---	---	---	0.00	22	19	10	27
6	0.00	---	---	---	---	---	---	0.00	16	21	12	27
7	0.00	---	---	---	---	---	---	0.00	4.3	21	14	29
8	0.00	---	---	---	---	---	0.00	0.00	4.3	20	15	30
9	0.00	---	---	---	---	---	0.00	0.00	8.0	19	14	30
10	0.00	---	---	---	---	---	0.00	0.00	9.6	20	14	31
11	0.00	---	---	---	---	---	0.00	0.00	9.0	21	12	30
12	0.00	---	---	---	---	---	0.00	0.00	9.5	16	9.4	24
13	0.00	---	---	---	---	---	0.00	0.00	9.4	11	12	18
14	0.00	---	---	---	---	---	0.00	0.00	7.8	11	14	16
15	0.00	---	---	---	---	---	0.00	0.00	8.0	10	15	15
16	0.00	---	---	---	---	---	0.00	0.00	9.2	11	14	15
17	0.00	---	---	---	---	---	0.00	0.00	9.0	11	12	14
18	---	---	---	---	---	---	0.00	0.00	8.1	10	11	14
19	---	---	---	---	---	---	0.00	0.00	7.9	8.2	12	15
20	---	---	---	---	---	---	0.00	0.00	8.0	8.1	19	15
21	---	---	---	---	---	---	0.00	0.00	8.1	8.6	24	16
22	---	---	---	---	---	---	0.00	0.00	8.2	12	24	15
23	---	---	---	---	---	---	0.00	0.00	7.8	11	22	15
24	---	---	---	---	---	---	0.00	0.00	7.6	13	17	18
25	---	---	---	---	---	---	0.00	0.00	7.2	13	19	21
26	---	---	---	---	---	---	0.00	0.00	8.3	12	26	20
27	---	---	---	---	---	---	0.00	0.00	9.0	12	28	17
28	---	---	---	---	---	---	0.00	9.7	8.9	12	27	10
29	---	---	---	---	---	---	0.00	12	7.9	13	20	7.0
30	---	---	---	---	---	---	0.00	13	5.8	12	22	12
31	---	---	---	---	---	---	---	13	---	11	24	---
TOTAL	0	0	0	0	0	0	0	47.7	300.9	417.4	500.8	592
MEAN	0.000	---	---	---	---	---	0.000	1.5	10.0	13.5	16.2	19.7
MAX	0.00	---	---	---	---	---	0.00	13	22	21	28	31
MIN	0.00	---	---	---	---	---	0.00	0.00	4.3	5.8	8.7	7.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95	597	828	993	1174
CAL YEAR 2008	MAX	39.0	MIN	0.000	AC-FT	3037						
WTR YEAR 2009	MAX	31.0	MIN	0.000	AC-FT	3687						

LINCOLN COUNTY DRAIN NO. 1 at North Platte, 06692500

LOCATION.--NE1/4NE1/4 Sec. 30-14-30 W., Lat. 41° 09' 40", Long. 100° 47' 25"

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Partial year record 1993 - 1999. Continuous record 1931 - 1932, 1955 - 1992, 2000 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1979. Records are good, except estimated records are fair.

EXTREMES FOR CURRENT YEAR.--Peak discharge 122 cubic feet per second September 5, gage height 1.85 feet; maximum gage height 2.08 feet October 13; minimum daily discharge 18 cubic feet per second April 14 & 15.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	55	54	38	30	25	22	20	22	33	53	92	94
2	54	54	38	30	25	22	20	22	31	57	90	83
3	53	53	37	30	25	22	21	23	45	68	86	93
4	52	53	36	29	25	22	21	22	49	70	78	95
5	52	53	36	29	24	22	19	22	42	71	74	114
6	57	52	37	29	24	22	20	21	45	63	78	90
7	52	51	37	29	24	22	20	21	49	61	87	89
8	51	50	37	29	24	22	19	21	52	44	91	87
9	50	50	36	29	25	22	20	21	52	39	92	94
10	50	50	35	28	24	21	19	21	48	43	92	98
11	49	50	35	29	24	21	19	21	47	48	80	100
12	63	49	35	28	24	21	19	21	56	60	78	93
13	90	48	36	28	24	20	19	25	52	75	94	91
14	85	47	36e	28	23	20	18	32	49	82	94	83
15	76	46	36e	27	23	20	18	30	46	81	94	75
16	67	46	35	28	23	20	19	27	52	91	101	71
17	61	45	33	28	23	20	20	27	50	94	97	67
18	59	45	33	28	23	20	21	25	49	91	80	68
19	58	44	33	27	23	20	22	23	62	87	72	68
20	56	43	33	27	23	20	21	26	59	92	74	68
21	56	42	33e	27	22	20	22	28	62	86	92	68
22	58	42	32	27	22	20	22	35	60	70	97	84
23	60	42	32	27	22	20	22	37	58	72	102	90
24	61	41	31	26	22	20	22	38	59	71	100	76
25	61	41	31	25	22	20	22	39	61	65	94	68
26	59	40	31	25	22	20	22	43	60	68	100	60
27	57	40	31	25	22	20	21	44	59	68	100	59
28	57	39	31	25	22	20	21	39	57	75	95	55
29	57	39	31	25	---	20	22	33	61	79	99	54
30	56	39	31	25	---	20	22	33	56	80	107	53
31	54	---	30	25	---	20	---	37	---	84	97	---
TOTAL	1826	1388	1056	852	654	641	613	879	1561	2188	2807	2388
MEAN	58.9	46.3	34.1	27.5	23.5	20.8	20.4	28.3	52.1	70.6	90.5	79.7
MAX	90	54	38	30	25	22	22	44	62	94	107	114
MIN	49	39	30	25	22	20	18	21	31	39	72	53
AC-FT	3622	2753	2095	1690	1297	1271	1216	1743	3096	4340	5568	4737
CAL YEAR 2008 TOTAL			15396	MEAN	42.1	MAX	128.0	MIN	16.0	AC-FT	30540	
WTR YEAR 2009 TOTAL			16853	MEAN	46.2	MAX	114.0	MIN	18.0	AC-FT	33430	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at North Platte, 06693000

LOCATION.--Sec. 28-14-30 W., Lincoln County, Lat. 41° 09' 13", Long. 100° 45' 16", on right bank 150 feet downstream from bridge on U.S. Highway 83, 0.5 mile north of North Platte and 4.5 miles upstream from confluence with South Platte River.

DRAINAGE AREA.--30,900 square miles, approximately 26,300 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 2,792.14 feet above sea level.

PERIOD OF RECORD.--February 1895 - present, Monthly discharge only for some periods published by USGS in WSP 1310.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 29,600 cubic feet per second June 11, 1909. Minimum daily discharge 20 cubic feet per second September 20, 1904. Minimum daily since 1943, 97 cubic feet per second June 16, 1959.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,750 cubic feet per second April 16, gage height 6.07 feet; minimum daily discharge 216 cubic feet per second July 9.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	313	442	344	360e	380e	387	324	397	252	257	346	311
2	356	438	350	360e	380e	385	340	384	244	256	320	272
3	376	423	361	360e	380e	390	347	399	249	261	306	258
4	389	405	379	360e	390e	398	354	425	256	268	294	238
5	402	392	374	360e	390e	400	358	421	237	306	299	268
6	468	380	359	350e	390e	376	354	395	256	320	301	310
7	437	374	356	350e	390e	349	368	389	270e	299	331	341
8	374	360	363	350e	400e	362	396	375	285e	238	328	363
9	340	362	367	350e	400e	368	410	346	325e	216	337	401
10	326	363	366	350e	400e	381	544	340	352	221	364	378
11	335	375	361	350e	417	372	988	344	324	239	326	378
12	504	372	358	350e	386	398	1240	328	363	300	287	364
13	728	369	358	350e	389	350	1370	324	367	417	315	348
14	672	367	360e	350e	379	358	1500	268	327	431	324	332
15	573	366	360e	350e	366	357	1620	274	306	415	359	327
16	552	375	360e	350e	361	361	1670	268	325	435	340	314
17	467	383	360e	350e	367	356	1230	262	317	453	330	300
18	418	383	360e	350e	399	349	896	264	302	437	314	300
19	423	398	360e	350e	391	337	891	258	329	365	277	295
20	418	393	360e	350e	404	341	700	231	336	323	267	291
21	415	382	360e	350	396	340	581	239	321	295	282	289
22	486	385	360e	350e	392	338	535	269	300	332	301	312
23	519	386	360e	350e	396	335	518	260	281	374	314	351
24	533	384	360e	350e	405	328	487	267	262	396	326	371
25	498	391	360e	350e	412	319	446	305	249	453	319	400
26	450	379	360e	350e	405	295	430	360	294	423	329	509
27	429	362	360e	350e	387	304	418	447	323	392	357	612
28	406	345	360e	380e	373	310	402	362	344	410	369	512
29	411	344	360e	380e	---	313	408	308	335	400	344	438
30	432	343	360e	380e	---	299	412	286	275	393	339	518
31	439	---	360e	380e	---	317	---	273	---	364	334	---
TOTAL	13889	11421	11176	11020	10925	10873	20537	10068	9006	10689	9979	10701
MEAN	448.0	380.7	360.5	355.5	390.1	350.8	684.8	324.8	300.1	344.8	321.9	356.6
MAX	728	442	379	380	417	400	1670	447	367	453	369	612
MIN	313	343	344	350	361	295	324	231	237	216	267	238
AC-FT	27550	22650	22170	21860	21670	21570	40730	19970	17860	21200	19790	21230
CAL YEAR 2008	TOTAL		144802	MEAN	395.6	MAX	1850	MIN	163.0	AC-FT	287200	
WTR YEAR 2009	TOTAL		140284	MEAN	384.3	MAX	1670	MIN	216.0	AC-FT	278200	

e indicates estimated discharge.

SOUTH PLATTE RIVER BASIN

LOGEPOLE CREEK above Oliver Reservoir, 00219500

LOCATION.--NE1/4NE1/4 Sec. 33-15-57 W., Kimball County, Lat 41° 13' 43", Long. 103° 48' 03", on the left bank approximately two miles southeast of Bushnell and 1.5 miles west of Oliver Reservoir.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1931 - 1992, monthly discharges only for some periods, 1993 - present, May - September. Station moved to present site in 1994. Previously station was located two miles upstream on Highway 53c and referred to as "at Bushnell". Called "at Tomich Ranch" from 1994 - 1996.

REMARKS.--Published using the U. S. Geological Survey number 06762500 from 1992 to 2002. Published by U.S.G.S. up to Oct. 1, 1991 and restarted in 2003 at the Highway 53c site at Bushnell, station number 06762500.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.8	1.5	1.8	2.3	4.2	1.8	2.6	1.7	1.4	2.6	1.1	0.45
2	1.7	1.6	1.8	2.3	4.8	1.8	2.5	1.8	1.4	2.8	1.2	0.42
3	1.7	1.6	1.8	2.2	4.9	1.9	2.6	1.9	1.3	2.8	1.1	0.44
4	1.8	1.7	1.8	2.0	5.3	1.8	4.8	1.8	1.3	2.7	0.98	0.52
5	1.8	1.7	1.8	1.9	6.1	1.7	15	1.8	1.3	2.8	0.95	0.52
6	1.7	1.4	1.8	1.9	8.3	1.7	5.4	1.6	1.3	2.8	1.1	0.58
7	1.7	1.1	1.9	1.9	15	1.8	3.3	1.6	1.5	2.7	0.92	0.57
8	1.7	1.3	1.9	2.0	2.0	1.8	2.6	1.6	1.6	2.6	1.0	0.62
9	1.7	1.4	1.8	1.9	1.9	1.7	2.5	1.7	1.9	2.7	1.3	0.71
10	1.7	1.5	1.8	1.7	1.9	1.7	2.4	2.1	2.0	2.7	0.96	1.6
11	1.7	1.5	1.8	1.7	1.9	1.8	2.4	1.9	2.4	2.6	1.2	0.80
12	1.9	1.5	1.7	1.7	1.9	1.8	2.2	1.9	2.1	2.4	1.3	1.2
13	1.5	1.6	1.7	1.8	1.9	1.8	2.2	1.7	1.8	2.0	1.3	2.6
14	1.4	1.6	2.0	1.7	1.9	1.9	2.2	1.8	1.8	1.7	1.4	2.2
15	1.5	1.5	2.2	1.7	1.8	1.8	2.2	1.8	1.9	1.7	1.4	0.99
16	1.4	1.8	2.0	1.8	1.9	1.8	2.1	1.9	2.0	1.5	1.4	1.1
17	1.4	1.9	2.2	1.9	2.0	1.8	3.0	1.8	2.0	1.3	1.4	1.2
18	1.4	1.8	2.5	1.8	1.9	1.8	3.2	1.5	2.0	1.4	1.3	0.99
19	1.4	1.6	2.8	1.8	1.9	1.8	2.1	1.3	2.0	1.5	0.76	0.94
20	1.4	1.7	3.0	1.7	1.9	1.8	1.9	1.1	2.0	1.2	0.65	1.1
21	1.4	1.9	3.0	1.8	1.8	1.9	1.8	0.96	2.1	0.82	0.70	0.87
22	1.3	1.7	3.0	1.8	1.8	1.9	1.8	0.98	2.1	0.81	0.75	0.72
23	1.5	1.7	3.0	1.7	1.9	1.9	1.8	0.92	3.1	0.92	0.71	0.60
24	1.5	1.6	2.9	1.8	1.9	7.4	1.8	1.2	2.8	0.77	0.69	1.4
25	1.5	1.8	2.8	1.9	1.9	3.7	1.8	1.3	2.0	0.78	1.00	1.2
26	1.5	1.7	2.5	2.8	1.8	2.7	1.8	1.3	1.9	0.89	1.2	0.74
27	1.5	1.7	2.5	2.3	1.8	2.7	1.8	1.3	1.9	0.67	1.2	0.72
28	1.7	1.8	2.3	3.0	1.8	2.7	1.8	1.2	2.0	0.66	1.2	0.75
29	1.6	1.8	2.3	2.6	---	2.8	1.7	1.2	2.4	0.61	1.0	1.2
30	1.5	1.8	2.3	2.8	---	2.5	1.7	1.1	2.5	0.99	0.56	0.99
31	1.4	---	2.3	3.1	---	2.7	---	1.1	---	1.1	0.55	---
TOTAL	48.7	48.8	69	63.3	88.1	68.7	85	46.86	57.8	53.52	32.28	28.74
MEAN	1.6	1.6	2.2	2.0	3.1	2.2	2.8	1.5	1.9	1.7	1.0	0.95
MAX	1.9	1.9	3.0	3.1	15	7.4	15	2.1	3.1	2.8	1.4	2.6
MIN	1.3	1.1	1.7	1.7	1.8	1.7	1.7	0.92	1.3	0.61	0.55	0.42
AC-FT	97	97	137	126	175	136	169	93	115	106	64	57
CAL YEAR 2008	TOTAL		464	MEAN	1.6	MAX	3.0	MIN	0.61	AC-FT	920	
WTR YEAR 2009	TOTAL		691	MEAN	1.9	MAX	15.0	MIN	0.42	AC-FT	1370	

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River, 00147000

LOCATION.--NE1/4NW1/4 Sec. 13-12-43 W. near Julesburg, CO

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	13	---	---	---	---	0.00	2.5	29	99	118	67
2	43	22	---	---	---	---	0.00	3.1	31	92	133	68
3	41	24	---	---	---	---	0.00	10	23	89	135	62
4	42	15	---	---	---	---	0.00	11	31	103	130	68
5	44	7.5	---	---	---	---	0.00	7.1	30	93	125	71
6	45	5.1	---	---	---	---	0.00	5.9	42	83	122	73
7	43	10	---	---	---	---	0.00	13	51	79	137	78
8	43	20	---	---	---	---	0.00	13	65	77	121	75
9	43	18	---	---	---	---	0.00	13	0.00	72	138	87
10	44	15	---	---	---	---	0.00	13	0.00	64	119	67
11	47	15	---	---	---	---	0.00	13	0.00	66	101	47
12	52	21	---	---	---	---	0.00	9.6	0.00	65	122	51
13	46	0.00	---	---	---	---	0.00	8.7	0.00	64	138	55
14	45	0.00	---	---	---	---	0.00	11	0.00	47	113	52
15	42	0.00	---	---	---	---	0.00	11	0.00	45	102	50
16	36	0.00	---	---	---	---	0.00	9.2	30	0.00e	96	46
17	29	0.00	---	---	---	---	0.00	8.1	42	0.00e	92	42
18	27	0.00	---	---	---	---	0.00	5.6	30	0.00e	89	44
19	19	0.00	---	---	---	---	0.00	4.6	33	0.00e	89	40
20	19	0.00	---	---	---	---	0.00	3.7	31	81	90	40
21	22	---	---	---	---	---	0.00	1.9	17	99	90	37
22	23	---	---	---	---	---	0.00	1.8	52	95e	80	26
23	20	---	---	---	---	---	0.00	1.1	87	95e	75	35
24	22	---	---	---	---	---	0.00	1.3	90	95e	65	35
25	23	---	---	---	---	0.00	0.00	6.2	89	100e	50	20
26	22	---	---	---	---	0.00	0.00	19	85	100e	61	23
27	22	---	---	---	---	0.00	55	20	73	100e	64	27
28	26	---	---	---	---	0.00	49	21	85	100e	58	27
29	25	---	---	---	---	0.00	18	23	94	115e	60	29
30	25	---	---	---	---	0.00	6.2	22	96	115e	67	32
31	25	---	---	---	---	0.00	---	22	---	115e	66	---
TOTAL	1039	185.6	0	0	0	0	128.2	315.4	1236	2348	3046	1474
MEAN	33.5	9.2	---	---	---	0.000	4.3	10.2	41.3	75.8	98.2	49.1
MAX	52	24	---	---	---	0.00	55	23	96	115	138	87
MIN	19	0.00	---	---	---	0.00	0.00	1.1	0.00	0.00	50	20
AC-FT	2061	368	0.00	0.00	0.00	0.00	254	626	2452	4657	6042	2924

CAL YEAR 2008 MAX 125.0 MIN 0.000 AC-FT 20120
WTR YEAR 2009 MAX 138.0 MIN 0.000 AC-FT 19380

e indicates estimated discharge.

SOUTH PLATTE RIVER BASIN

SOUTH PLATTE RIVER at North Platte, 06765500

LOCATION.--NE1/4NE1/4 Sec. 8-13-30 W., Lincoln County, Lat. 41° 07' 05", Long. 100° 46' 22", on left bank 0.5 mile upstream of bridge on U.S. Highway 83, 5.5 miles upstream from confluence with North Platte River.

DRAINAGE AREA.--Approximately 24,300 square miles.

GAGE.--Continuous stage recorder. Datum of gage is 2,787.73 feet above mean sea level of datum established by City of North Platte Engineer in 1928.

PERIOD OF RECORD.--May 1917 - present, periodic record June 1897 - September 1915. Monthly discharge only for some periods published by USGS in WSP 1310.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 37,100 cubic feet per second observed June 3, 1935, gage height 14.02 feet; minimum daily discharge 35 cubic feet per second January 4, 1949.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,840 cubic feet per second June 22, gage height 9.70 feet; minimum daily discharge 92 cubic feet per second October 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	94	140	133	190e	155e	131	130	181	199	2030	254	195
2	93	138	135e	190e	155e	145	132	168	169	1890	247	191
3	93	138	135e	200e	155e	152	131	167	163	1960	233	201
4	96	136	135e	200e	155e	153	132	156	159	2060	216	204
5	92	130	135e	212e	150e	147	115	162	151	1950	208	215
6	119	119	135e	210e	150e	138	117	164	179	1720	209	224
7	93	116	140e	210e	150e	133	118	164	151	1360	249	228
8	95	127	140e	210e	150e	136	124	166	152	1050	218	213
9	98	128	140e	200e	150e	126	131	159	164	803	216	234
10	97	130	140e	200e	150e	112	134	163	162	670	217	256
11	98	138	150e	200e	150e	104	132	160	272	663	216	257
12	208	139	150e	200e	145e	101	136	154	874	755	202	271
13	270	138	150e	180e	145e	115	128	148	1990	819	213	291
14	243	134	160e	180e	145e	123	121	133	2460	820	209	316
15	225	127	160e	180e	145e	130	133	129	2510	789	217	322
16	215	123	160e	170e	145e	130	150	122	2560	748	212	321
17	205	122	160e	170e	145e	131	177	126	2360	616	197	308
18	176	124	160e	170e	145e	130	229	126	2380	542	194	296
19	178	132	160e	170e	140e	126	228	115	2650	432	204	311
20	170	135	160e	170e	140e	131	214	114	2710	369	204	326
21	174	134	160e	170e	140e	141	199	109	2710	344	219	335
22	183	139	160e	170e	140e	144	183	102	2740	309	264	346
23	174	142	160e	160e	140e	137	196	140	2600	300	290	376
24	170e	133	180e	160e	140e	121	186	143	2430	331	307	404
25	170e	138	180e	160e	130e	126	164	138	2350	297	304	395
26	160e	144	180e	160e	130e	131	158	175	2370e	259	298	354
27	150e	146	180e	160e	126	128	162	153	2300e	251	290	347
28	150e	145	180e	155e	129	130	156	128	2250e	284	265	343
29	148	148	180e	155e	---	134	166	131	2200e	263	229	351
30	148	142	190e	155e	---	130	194	113	2120e	259	232	360
31	143	---	190e	155e	---	128	---	116	---	263	218	---
TOTAL	4728	4025	4878	5572	4040	4044	4676	4425	46485	25206	7251	8791
MEAN	152.5	134.0	157.4	179.7	144.3	130.5	155.9	142.7	1549	813.5	233.9	293.1
MAX	270	148	190	212	155	153	229	181	2740	2060	307	404
MIN	92	116	133	155	126	101	115	102	151	251	194	191
AC-FT	9378	7983	9675	11050	8013	8021	9275	8777	92200	50000	14380	17440
CAL YEAR 2008	TOTAL		63304	MEAN	173.0	MAX	351.0	MIN	76.0	AC-FT	125600	
WTR YEAR 2009	TOTAL		124121	MEAN	340.1	MAX	2740	MIN	92.0	AC-FT	246200	

e indicates estimated discharge.

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River, 00142000

LOCATION.--NW1/4 Sec. 28-13-29 W. near North Platte

GAGE.--Continuous stage recorder and 30 ft. modified Parshall flume

PERIOD OF RECORD.--1941 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	440	610	475	547	724	581	475	1380	909	2210	1560	1330
2	475	595	475	561	654	617	486	1270	890	2210	1510	844
3	500	580	475	616	618	566	505	1280	892	2220	1490	782
4	500	576	475	519	571	569	560	1230	895	2210	1710	844
5	525	566	485	520	551	562	577	1060	878	2220	1900	698
6	618	563	475	584	545	550	540	1040	1020	2220	1970	715
7	575	550	485	654	545	535	541	1060	977	2240	2210	811
8	550	550	463	644	530	540	549	1010	951	2140	2210	591
9	550	557	479	650	590	535	577	991	1020	2080	2250	672
10	550	545	477	629	710	406	700	996	1140	2230	2200	653
11	575	574	518	652	677	403	1110	838	1280	2250	1990	632
12	912	582	519	638	609	498	1470	992	1740	2260	1720	610
13	1260	567	552	584	601	650	2020	984	2230	2250	1670	606
14	1130	556	245	616	569	531	1840	874	2230	2260	1690	803
15	919	550	225	593	549	521	1480	871	2220	2240	1730	621
16	834	543	201	538	544	518	1490	852	2220	2210	1580	760
17	719	537	461	741	540	500	1470	869	2240	2230	1360	729
18	665	543	465	745	590	493	2200	860	2240	2150	1270	730
19	665	532	425	723	598	491	2230	844	2240	1980	1230	722
20	638	535	425	694	588	499	1770	832	2250	1800	1230	757
21	637	542	400	633	600	503	1680	861	2250	1700	1290	775
22	834	542	280	627	581	520	1470	936	2240	1670	1330	784
23	860	534	375	649	566	532	1570	1000	2250	1900	1360	862
24	845	516	425	448	573	534	1540	1010	2230	2150	1400	932
25	797	465	475	325	570	528	1520	976	2230	2240	1610	968
26	708	459	500	325	584	522	1540	1070	2210	2250	1720	1040
27	660	474	500	325	568	513	1510	1100	2220	2250	1910	1210
28	629	475	500	473	437	499	1650	993	2220	2240	1950	1120
29	615	467	500	560	---	500	1660	932	2220	2100	1890	988
30	622	465	550	648	---	502	1700	876	2220	1740	1850	1060
31	606	---	575	733	---	495	---	849	---	1590	1660	---
TOTAL	21413	16150	13880	18194	16382	16213	38430	30736	52752	65440	52450	24649
MEAN	690.7	538.3	447.7	586.9	585.1	523.0	1282	991.6	1758	2109	1692	821.2
MAX	1260	610	575	745	724	650	2230	1380	2250	2260	2250	1330
MIN	440	459	201	325	437	403	475	832	878	1590	1230	591
AC-FT	42470	32030	27530	36090	32490	32160	76220	60960	104600	129800	104000	48890
CAL YEAR 2008	TOTAL		271106	MEAN	740.7	MAX	2240	MIN	201.0	AC-FT	537700	
WTR YEAR 2009	TOTAL		366689	MEAN	1005	MAX	2260	MIN	201.0	AC-FT	727300	

PLATTE RIVER BASIN

JEFFREY RESERVOIR from Platte River, 00403700

LOCATION.--NE1/4NE1/4 Sec. 4-11-27 W. near Brady

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Normal maximum operating level	2759.0	6,349
Normal minimum operating level	2745.0	5,113

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4812	5237	5072	5292	5072	4812	5072	5292	5567	5732	5237	5402
2	4962	5292	5072	5347	4962	4912	4912	4612	5622	5732	5182	5457
3	5072	5292	5072	5402	4912	4912	4912	4362	5622	5732	5017	5512
4	5237	5347	5072	5457	4862	5017	5237	4512	5622	5787	5127	5732
5	5402	5347	5017	5237	5017	5017	5347	5292	5567	5787	5347	5952
6	5457	5237	5457	5182	5072	5017	5292	5512	5677	5787	5622	6062
7	5677	5182	5457	5347	5127	4912	5402	5732	5677	5787	5897	5787
8	5622	5127	5457	5402	5182	4912	5182	5567	5622	5842	5897	5897
9	5567	5072	5347	5402	5347	4862	5182	5512	5512	5842	5952	5787
10	5512	5182	5182	5292	5402	4912	5347	5347	5622	5732	5897	5567
11	5457	5182	5182	5292	5402	4912	5457	5292	5072	5622	5732	5677
12	5402	5127	5127	5237	5182	4712	5182	5127	5237	5622	5512	5842
13	5567	5072	5182	4912	5017	4862	5457	5292	5457	5567	5512	5677
14	5732	5072	5237	5347	4862	4912	5732	5292	5567	5567	5567	5622
15	5567	5017	5402	5127	4912	4862	5237	5127	5622	5732	5677	5622
16	5182	4962	5457	4912	4912	4812	5072	5072	5732	5897	5512	5622
17	5292	5072	5567	5017	5017	4712	4962	5127	5732	6007	5347	5567
18	5292	5127	5622	5182	5127	4612	4962	5072	5787	5842	5622	5512
19	5237	5072	5512	5182	5182	4612	5842	5347	5787	5787	5677	5457
20	5182	5072	5457	5237	5127	4612	5457	5292	5787	5677	5787	5402
21	5182	5127	5402	5292	5127	4662	5072	5017	5842	5457	5622	5457
22	5292	5072	5347	5182	5127	4712	4812	4862	5842	5292	5787	5512
23	5347	5072	5512	5127	5017	4812	5237	5292	5787	5457	5842	5677
24	5292	5017	5402	5017	4912	4912	5457	5512	5732	5567	5842	5842
25	5237	4962	5347	5072	4812	5017	5567	5677	5677	5732	5567	5677
26	5237	4862	5347	5127	4712	5182	5622	5842	5732	5787	5402	5512
27	5237	4962	5347	5237	4762	5127	5512	5787	5677	5842	5402	4862
28	5292	5017	5347	5237	4762	5127	5457	5457	5732	5842	5457	5127
29	5347	5072	5402	5237		--- 5072	5512	5457	5732	5787	5567	5347
30	5237	5072	5402	5182		--- 5127	5567	5512	5732	5622	5512	5182
31	5127	---	5347	5127		--- 5072		--- 5402	---	5402	5457	---
MEAN	5324	5111	5327	5214	5033	4894	5302	5277	5646	5705	5567	5578
MAX	5732	5347	5622	5457	5402	5182	5842	5842	5842	6007	5952	6062
MIN	4812	4862	5017	4912	4712	4612	4812	4362	5072	5292	5017	4862
CAL YEAR 2008	MEAN	5259	MAX	6177	MIN	3249						
WTR YEAR 2009	MEAN	5333	MAX	6062	MIN	4362						

PLATTE RIVER BASIN

JEFFREY POWER RETURN to Platte River, 00143000

LOCATION.--NE1/4SE1/4 Sec. 36-12-27 W. near Brady

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1941 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108	0.00	711	717
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123	103	739	709
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125	248	801	629
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126	249	812	482
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125	249	769	412
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104	250	759	325
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121	322	730	267
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114	538	661	224
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108	868	670	76
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122	896	666	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	136	827	658	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120	713	668	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92	522	677	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	237	686	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	379	574	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	444	422	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	416	405	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27	0.00	470	407	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52	0.00	613	366	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52	0.00	658	310	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	0.00	744	310	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65	0.00	862	354	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	0.00	793	487	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	0.00	746	626	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	0.00	726	685	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	0.00	690	694	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	657	721	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	640	735	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	568	765	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	49	0.00	693	750	0.00
31	0.00	---	0.00	0.00	---	0.00	---	79	---	713	727	---
TOTAL	0	0	0	0	0	0	0	580	1524	16834	19345	3841
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.7	50.8	543.0	624.0	128.0
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79	136	896	812	717
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1150	3023	33390	38370	7619
CAL YEAR 2008	TOTAL		38090	MEAN	104.1	MAX	828.0	MIN	0.000	AC-FT	75550	
WTR YEAR 2009	TOTAL		42124	MEAN	115.4	MAX	896.0	MIN	0.000	AC-FT	83550	

PLATTE RIVER BASIN

ELWOOD RESERVOIR from Platte River, 00403300

LOCATION.--NW1/4NW1/4 Sec. 33-8-22 W. near Elwood

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1978 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.
 Published storage values before 1984 were for storage above the minimum operating level.
 Add 13,085 acre-feet to values listed in pre-1984 reports before comparing to values in
 this report.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Top of flood pool	2613.0	45,037
Top of conservation pool	2607.0	37,800
Minimum normal operating level	2576.3	12,100
Top of dead storage pool	2568.8	8,295

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9417	8568	7648	6785	6203	5874	5548	5211	4534	5042	5346	5765
2	9417	8522	7606	6785	6167	5838	5548	5211	4503	5042	5413	5728
3	9368	8522	7606	6745	6167	5838	5515	5177	4472	5042	5481	5692
4	9319	8522	7564	6706	6167	5838	5515	5177	4441	5042	5447	5692
5	9272	8476	7522	6706	6130	5801	5515	5143	4409	5042	5447	5655
6	9319	8430	7522	6667	6130	5801	5481	5143	4378	5008	5413	5619
7	9272	8384	7479	6627	6130	5801	5481	5110	4347	4975	5380	5619
8	9224	8340	7437	6627	6094	5765	5481	5110	4316	4941	5346	5582
9	9176	8340	7437	6588	6094	5765	5481	5076	4285	4941	5346	5548
10	9129	8295	7395	6549	6094	5765	5447	5076	4257	4907	5312	5548
11	9129	8250	7353	6549	6057	5765	5447	5076	4257	4876	5278	5515
12	9176	8206	7353	6510	6057	5765	5447	5042	4228	4876	5278	5481
13	9129	8162	7310	6431	6057	5728	5413	5042	4200	4845	5245	5481
14	9082	8162	7268	6431	6021	5728	5413	5008	4200	4814	5278	5447
15	9034	8117	7268	6392	6021	5728	5413	5008	4171	4814	5278	5413
16	8986	8072	7226	6352	6021	5728	5380	4975	4171	4783	5380	5380
17	8939	8028	7184	6352	5984	5728	5380	4975	4171	4783	5548	5346
18	8892	8028	7184	6313	5984	5692	5380	4941	4143	4845	5692	5312
19	8844	7984	7141	6313	5984	5692	5346	4941	4143	4907	5838	5278
20	8798	7939	7099	6313	5984	5692	5346	4907	4143	4975	5984	5245
21	8752	7939	7099	6276	5948	5655	5346	4876	4257	5042	6021	5211
22	8798	7902	7060	6276	5948	5655	5312	4845	4378	5110	5984	5177
23	8844	7860	7020	6276	5948	5655	5312	4814	4534	5177	5984	5143
24	8844	7860	7020	6276	5911	5655	5312	4783	4689	5245	5948	5211
25	8844	7817	6981	6276	5911	5619	5278	4752	4845	5211	5911	5447
26	8798	7775	6942	6240	5911	5619	5278	4720	4975	5177	5911	5692
27	8752	7775	6942	6240	5874	5619	5278	4689	5042	5143	5874	5948
28	8706	7733	6903	6240	5874	5582	5245	4658	5076	5110	5838	6240
29	8660	7691	6863	6240		5582	5245	4627	5110	5143	5838	6667
30	8660	7691	6863	6203		5582	5245	4596	5076	5211	5801	7099
31	8614		6824	6203		5548		4565		5278	5765	
MEAN	9006	8113	7230	6435	6031	5713	5394	4944	4458	5011	5600	5606
MAX	9417	8568	7648	6785	6203	5874	5548	5211	5110	5278	6021	7099
MIN	8614	7691	6824	6203	5874	5548	5245	4565	4143	4783	5245	5143
CAL YEAR 2008	MEAN	7559	MAX	11710	MIN	3972						
WTR YEAR 2009	MEAN	6132	MAX	9417	MIN	4143						

PLATTE RIVER BASIN

JOHNSON RESERVOIR from Platte River, 00403800

LOCATION.--SW1/4NE1/4 Sec. 4-8-22 W. near Lexington

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Operating level	2620.0	46,935
Minimum operating level	2590.9	0

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	40530	38410	26150	39820	39350	39350	39350	40290	42940	42440	42690	41700
2	41230	39350	27080	39590	39590	38880	36800	39590	42690	42440	42440	42440
3	40060	40060	27650	39590	39350	38410	37240	39590	41940	42440	41700	42190
4	40290	41000	28410	40060	39120	37470	38650	39820	41940	42440	41230	41940
5	40760	40760	28990	39590	39590	38410	38880	40290	41940	42440	40760	41940
6	41700	39820	29790	40290	39120	38180	39350	40530	41700	42440	40760	41700
7	41230	37940	30190	39820	39820	36580	39590	40760	41000	42190	41230	42690
8	41940	38410	30790	39120	40760	37940	39120	41700	41700	42190	41470	43190
9	41700	39350	31610	38880	39350	38180	36800	41230	41700	41700	43190	43190
10	40760	40060	32430	40060	40530	37470	37020	41940	41940	40290	43440	43440
11	41000	41000	33720	40530	40530	37710	38180	40290	41470	41000	44190	42940
12	41940	40530	34380	40760	38650	37240	40290	41230	41230	41000	43940	42440
13	42190	40060	35040	39820	39820	36360	41700	41000	41470	41940	43690	42690
14	41940	39350	35700	40060	40290	36800	41000	40530	41000	42690	42190	42940
15	41000	39120	36140	39590	41230	37470	40530	40760	41940	42940	43190	42940
16	40760	39820	36360	38880	40290	38180	41230	40760	41470	43690	42690	42690
17	41940	37710	36360	38410	39820	39120	41000	40530	41700	43940	43190	42190
18	42690	34820	36800	39350	39820	38650	41230	40530	41940	43940	43940	41470
19	42690	33060	37240	39590	39350	37020	40060	40530	42190	43690	42690	41000
20	41940	29790	37710	38650	38650	36140	39120	40290	42190	43440	42940	41700
21	40060	28410	38410	38650	38180	35920	39120	41000	42190	43440	42440	41000
22	38880	26890	39120	39350	39820	35920	41940	41470	41940	42940	42190	40760
23	37710	27650	39350	39350	39120	36580	41700	41700	41000	42690	41230	41000
24	38880	27460	38180	39590	38650	37470	42190	42190	41700	42190	41000	41000
25	40290	26150	38650	40290	38650	37470	40760	41940	41230	41700	40530	41000
26	41470	25590	37940	39820	38180	38180	39590	41940	41470	41470	40290	41000
27	41940	25960	38650	38180	37710	38410	42190	41940	42190	42440	39820	41230
28	40530	25220	39350	38880	38650	39120	41470	43940	42440	43440	40060	41940
29	38410	24860	38650	38650	---	39590	40760	42940	42190	43940	40760	41230
30	36360	25220	39350	37470	---	40530	40060	42690	42690	42690	41470	41940
31	37470	---	38880	38410	---	40060	---	43190	---	43440	40760	---
MEAN	40650	34460	34800	39390	39430	37890	39890	41190	41830	42570	42000	41980
MAX	42690	41000	39350	40760	41230	40530	42190	43940	42940	43940	44190	43440
MIN	36360	24860	26150	37470	37710	35920	36800	39590	41000	40290	39820	40760
CAL YEAR 2008	MEAN	38820	MAX	44940	MIN	24860						
WTR YEAR 2009	MEAN	39680	MAX	44190	MIN	24860						

PLATTE RIVER BASIN

PHELPS COUNTY CANAL from Platte River via Tri-County Canal, 00122000

LOCATION.--NE1/4NE1/4 Sec. 11-8-21 W. near Overton

GAGE.--Continuous stage recorder and 30 ft. Parshall flume

PERIOD OF RECORD.--1947 - 1949, 1970 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97	262	520	384	114
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99	306	496	421	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99	325	511	415	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	184	375	493	431	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106	373	482	391	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105	338	498	436	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120	370	520	472	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68	360	564	452	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	347	585	468	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	354	585	460	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	185	350	649	465	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96	329	586	488	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	159	315	582	486	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162	330	582	477	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155	322	581	421	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177	330	523	347	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172	329	569	310	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	378	498	360	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	347	510	371	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	214	355	503	400	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	52	101	330	522	436	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	68	136	341	448	415	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	86	173	368	536	430	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	93	175	372	452	434	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	91	166	377	507	475	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	93	288	419	475	375	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	93	318	397	472	287	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	92	314	406	490	287	0.00
29	0.00	0.00	0.00	0.00	---	0.00	95	285	420	456	269	0.00
30	0.00	0.00	0.00	0.00	---	0.00	97	302	513	440	270	0.00
31	0.00	---	0.00	0.00	---	0.00	---	256	---	448	269	---
TOTAL	0	0	0	0	0	0	860	5240	10738	16083	12402	114
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	28.7	169.0	357.9	518.8	400.1	3.8
MAX	0.00	0.00	0.00	0.00	0.00	0.00	97	318	513	649	488	114
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	262	440	269	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1706	10390	21300	31900	24600	226
CAL YEAR 2008	TOTAL	29580	MEAN	80.8	MAX	619.0	MIN	0.000	AC-FT	58670		
WTR YEAR 2009	TOTAL	45437	MEAN	124.5	MAX	649.0	MIN	0.000	AC-FT	90120		

PLATTE RIVER BASIN

JOHNSON POWER RETURN to Platte River, 00144000

LOCATION.--SE1/4NW1/4 Sec. 2-8-21 W. near Overton

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1941 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	602	0.00	0.00	0.00	0.00	0.00	926	1510	0.00	726	0.00	0.00
2	0.00	0.00	0.00	348	610	665	1470	1100	0.00	970	0.00	0.00
3	624	0.00	0.00	575	669	657	0.00	1170	0.00	529	0.00	0.00
4	0.00	0.00	0.00	0.00	612	610	0.00	782	0.00	486	0.00	0.00
5	0.00	281	0.00	574	0.00	0.00	0.00	0.00	0.00	572	0.00	0.00
6	0.00	919	0.00	0.00	603	601	0.00	247	0.00	612	0.00	0.00
7	601	1460	0.00	693	0.00	611	280	156	0.00	805	0.00	0.00
8	0.00	0.00	0.00	684	0.00	0.00	942	281	0.00	425	0.00	0.00
9	603	0.00	0.00	606	878	281	1470	287	0.00	0.00	0.00	390
10	612	0.00	0.00	220	0.00	521	0.00	297	0.00	0.00	0.00	412
11	0.00	0.00	0.00	0.00	1300	427	0.00	712	695	0.00	0.00	408
12	0.00	603	0.00	630	653	486	0.00	0.00	502	0.00	0.00	612
13	970	599	0.00	643	608	612	477	681	870	0.00	0.00	818
14	1050	686	0.00	769	0.00	362	1520	116	1150	0.00	0.00	477
15	1060	703	0.00	628	0.00	0.00	1620	122	1070	0.00	0.00	413
16	974	0.00	0.00	535	647	0.00	524	105	1080	0.00	0.00	550
17	0.00	1120	1.0	219	642	0.00	1370	35	1150	233	0.00	810
18	0.00	1650	103	0.00	655	252	2030	0.00	1300	309	0.00	623
19	243	1270	0.00	677	656	925	2020	5.0	1330	509	0.00	620
20	916	1680	0.00	615	702	1470	1910	0.00	1120	0.00	0.00	684
21	1540	1250	0.00	601	349	0.00	1570	0.00	1120	0.00	0.00	618
22	1690	1190	0.00	0.00	0.00	0.00	0.00	2.0	1320	0.00	0.00	483
23	1600	0.00	560	673	595	0.00	162	0.00	1290	0.00	0.00	472
24	0.00	1100	363	198	666	0.00	1170	0.00	881	0.00	0.00	551
25	0.00	978	0.00	0.00	662	0.00	1590	0.00	1090	0.00	0.00	628
26	0.00	560	612	641	563	0.00	1510	0.00	964	0.00	0.00	611
27	271	0.00	0.00	605	537	0.00	199	0.00	939	0.00	0.00	547
28	927	567	0.00	0.00	0.00	0.00	866	0.00	913	0.00	0.00	547
29	1530	638	634	665	---	0.00	1470	0.00	889	0.00	0.00	553
30	1560	0.00	0.00	600	---	0.00	1590	0.00	816	448	0.00	532
31	0.00	---	624	0.00	---	273	---	0.00	---	0.00	0.00	---
TOTAL	17373	17254	2897	12399	12607	8753	26686	7608	20489	6624	0	12359
MEAN	560.0	574.8	93.5	400.0	450.1	282.3	889.7	245.7	682.8	213.7	0.000	412.0
MAX	1690	1680	634	769	1300	1470	2030	1510	1330	970	0.00	818
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	34460	34220	5746	24590	25010	17360	52930	15090	40640	13140	0.00	24510
CAL YEAR 2008	TOTAL		119393	MEAN	326.2	MAX	2020	MIN	0.000	AC-FT	236800	
WTR YEAR 2009	TOTAL		145049	MEAN	397.4	MAX	2030	MIN	0.000	AC-FT	287700	

PLATTE RIVER BASIN

PLATTE RIVER near Maxwell, 00228500

LOCATION.--SE1/4SE1/4 Sec. 28-13-28 W. at Maxwell, Lincoln County, Lat. 41° 03' 42", Long. 100° 31' 30", on right bank 20 feet upstream of the Nebraska Highway S56A bridge over the Platte River 1 mile south of Maxwell, Nebraska.

DRAINAGE AREA.--Not determined.

GAGE.--Continuous stage recorder. Elevation of gage approximately 2,695 feet from topographic map.

PERIOD OF RECORD.--2000

REMARKS.--Records are good, except estimated records are poor. Operation of gage started in May, 1999. This station replaces the Platte River below the Tri-County Diversion Dam gage operated through water year 1999.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,970 cubic feet per second April 17, gage height 7.65 feet, minimum daily discharge 37 cubic feet per second October 1 & 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	72	64	65e	70	71e	60	76	65	619	73	50
2	37	71	64	65e	70	71	60	75	64	587	72	50
3	38	69	63	65e	69	70	58	81	61	498	67	49
4	41	67	61	65e	69	70	59	85	60	577	69	50
5	42	68	60	70	70	70	60	88	60	597	71	50
6	49	68	64	70e	72	70	60	84	68	556	67	49
7	45	66	66	70e	73	69	63	79	64	448	154	50
8	49	63	65	70e	73	68	67	75	63	179	138	50
9	47	61	64	70e	78	69	69	71	63	118	107	54
10	47	61	63e	70e	83	68e	72	70	66	124	89	52
11	47	62	63e	70e	86	68e	75	68	70	190	71	52
12	83	63	63e	70e	83e	68e	82	69	79	409	66	50
13	137	66	63e	70e	81	69e	87	73	169	735	64	50
14	166	68	65e	70e	74	74	389	67	746	563	60	50
15	164	67	65e	70e	72	72	1780	65	1190	446	59	49
16	134	66	65e	70e	72	70	1830	60	1340	388	59	49
17	112	66	65e	70e	75	69	1890	58	1320	356	57	45
18	95	65	65e	70e	76	68	1040	58	1170	199	56	44
19	86	65	65e	70e	75	68	426	58	1310	109	54	44
20	60	64	65e	70e	77	67	233	57	1480	92	52	44
21	72	63	65e	70e	75	67	179	57	1500	77	51	44
22	92	62	65e	70e	73	67	131	57	1380	69	50	44
23	108	62	65e	70e	72	68	107	60	1280	68	50	47
24	116	61	65e	70e	72	70	88	61	944	80	50	48
25	113	61	65e	70e	74	65	76	61	715	145	50	50
26	105	62	65e	70e	74	63	75	75	654	193	50	50
27	93	62	65e	70e	72	63	70	86	785	195	51	51
28	87	63	65e	70e	71e	63	68	88	792	308	50	49
29	82	64	65e	73	---	61	72	78	806	129	49	48
30	79	64	65e	64	---	60	80	69	689	89	49	49
31	75	---	65e	67	---	61	---	65	---	76	50	---
TOTAL	2538	1942	1993	2144	2081	2097	9406	2174	19053	9219	2055	1461
MEAN	81.8	64.7	64.3	69.2	74.3	67.6	313.3	70.1	635.1	297.4	66.3	48.7
MAX	166	72	66	73	86	74	1890	88	1500	735	154	54
MIN	37	61	60	64	69	60	58	57	60	68	49	44
AC-FT	5034	3852	3953	4253	4128	4159	18660	4312	37790	18290	4076	2898
CAL YEAR 2008	TOTAL		38377	MEAN	104.9	MAX	1550	MIN	24.0	AC-FT	76120	
WTR YEAR 2009	TOTAL		56163	MEAN	153.9	MAX	1890	MIN	37.0	AC-FT	111400	

E indicates estimated discharge.

PLATTE RIVER BASIN

PLATTE RIVER at Brady, 06766000

LOCATION.--North channel gage (no. 1): SW1/4SW1/4 Sec. 11-12-27 W., Lat. 41° 01' 10", Long. 100° 22' 16", on left bank 15 feet downstream from bridge, and 0.5 mile south of Brady; South channel gage (no. 4): SW1/4SW1/4 Sec. 23-12-27 W., on left bank 15 feet downstream from bridge, and 2.5 miles south of Brady.

DRAINAGE AREA.--Approximately 56,200 square miles.

GAGE.--Continuous stage recorders on north channel (no. 1) and south channel (no. 4). Channel no. 1 gage datum is 2,638.19 feet above sea level and channel no. 4 gage datum is 2,640.66 feet above sea level.

PERIOD OF RECORD.--Irrigation season 1932, 1937 - 1938, Apr. 1939 - present (Monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 23,500 cubic feet per second June 29, 1983; no flow August 22-24, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,310 cubic feet per second April 17, combined channel flow; minimum daily discharge 66 cubic feet per second on October 2, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	67	154	127	134	143	150e	124	170	137	596	149	84
2	66	152	128	136	143	146	123	166	167	520	132	84
3	67	150	127	136	142	150	122	180	172	477	119	84
4	68	148	121e	136e	138	154	127	191	162	485	141	82
5	70	147	118e	136e	141	155	129	193	149	563	138	84
6	81	152	125e	136	146	151	129	183	179	546	134	85
7	81	149	132e	136	150	147	139	170	177	520	204	85
8	80	145	132e	136	147	147	162	157	162	363	295	82
9	80	137	125e	136e	153e	148	166	149	151	217	237	92
10	81	136	119e	134e	164e	137	170	148	147	185	202	93
11	84	141	130e	135e	161e	132	174	146	157	197	161	94
12	120	143	122e	135e	158e	133	180	143	172	319	135	93
13	222	147	124e	134e	158e	135	183	162	200	560	124	91
14	259	148	123e	134e	156e	144	198	150	360	925	114	92
15	260	144	123e	133e	155e	146	1030	140	914	709	118	89
16	228	143	125e	133e	154e	142	1860	133	1190	543	119	89
17	192	140	125e	133e	154e	141	2180	127	1330	597	115	85
18	168	137	125e	133e	156e	138	1650	125	1110	454	111	80
19	151	138	125e	134e	155e	135	600	121	1120	252	108	79
20	137	135	125e	134	155e	134	407	115	1390	191	107	79
21	134	130	126e	138	154e	134	308	113	1450	156	103	79
22	199	130	126e	139	152e	134	265	114	1310	143	101	84
23	263	132	126e	135	152e	135	216	122	1220	133	99	102
24	299	130	126e	135e	153e	134	186	148	842	138	97	104
25	287	129	126e	135e	155e	132	166	138	658	170	98	107
26	249	130	126e	135e	154e	131	169	184	565	278	96	102
27	212	130	127	133e	151e	127	163	230	643	340	95	98
28	190	130	127	136e	147e	128	157	230	711	398	95	93
29	177	130	133	138	---	129	159	186	731	459	92	90
30	167	130	140	141	---	128	173	157	667	236	89	88
31	160	---	133	140	---	126	---	138	---	176	86	---
TOTAL	4899	4187	3917	4199	4247	4303	11815	4829	18343	11846	4014	2673
MEAN	158.0	139.6	126.3	135.4	151.6	138.7	393.9	155.7	610.7	382.1	129.4	89.1
MAX	299	154	140	141	164	155	2180	230	1450	925	295	107
MIN	66	129	118	133	138	126	122	113	137	133	86	79
AC-FT	9717	8305	7769	8329	8424	8535	23430	9578	36380	23500	7962	5302
CAL YEAR 2008	TOTAL		72194	MEAN	197.3	MAX	2740	MIN	55.0	AC-FT	143200	
WTR YEAR 2009	TOTAL		79272	MEAN	217.2	MAX	2180	MIN	66.0	AC-FT	157200	

E indicates estimated discharge.

PLATTE RIVER BASIN

THIRTY MILE CANAL from Platte River, 00141000

LOCATION.--NW1/4NW1/4 Sec. 30-12-26 W. near Brady

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1928 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	76	113	121	154
2	---	---	---	---	---	---	---	0.00	76	123	126	154
3	---	---	---	---	---	---	---	0.00	76	124	132	151
4	---	---	---	---	---	---	---	0.00	75	126	149	132
5	---	---	---	---	---	---	---	0.00	75	140	158	115
6	---	---	---	---	---	---	---	0.00	75	149	154	40
7	---	---	---	---	---	---	---	0.00	75	163	154	0.00
8	---	---	---	---	---	---	0.00	136	75	171	153	0.00
9	---	---	---	---	---	---	0.00	131	75	176	154	0.00
10	---	---	---	---	---	---	0.00	141	75	175	153	0.00
11	---	---	---	---	---	---	0.00	0.00	75	176	145	0.00
12	---	---	---	---	---	---	0.00	0.00	76	176	141	0.00
13	---	---	---	---	---	---	0.00	0.00	76	156	147	0.00
14	---	---	---	---	---	---	0.00	0.00	76	142	152	0.00
15	---	---	---	---	---	---	0.00	0.00	76	145	131	0.00
16	---	---	---	---	---	---	0.00	0.00	76	147	114	0.00
17	---	---	---	---	---	---	0.00	0.00	76	140	114	0.00
18	---	---	---	---	---	---	0.00	0.00	75	131	114	0.00
19	---	---	---	---	---	---	0.00	0.00	76	140	118	0.00
20	---	---	---	---	---	---	0.00	0.00	76	147	119	0.00
21	---	---	---	---	---	---	0.00	0.00	76	155	125	0.00
22	---	---	---	---	---	---	0.00	0.00	75	161	129	0.00
23	---	---	---	---	---	---	0.00	0.00	75	148	143	0.00
24	---	---	---	---	---	---	0.00	0.00	75	150	150	0.00
25	---	---	---	---	---	---	0.00	0.00	74	151	150	0.00
26	---	---	---	---	---	---	0.00	0.00	75	150	151	0.00
27	---	---	---	---	---	---	0.00	0.00	76	150	151	0.00
28	---	---	---	---	---	---	0.00	0.00	89	151	155	0.00
29	---	---	---	---	---	---	0.00	52	99	151	154	0.00
30	---	---	---	---	---	---	0.00	76	100	143	154	0.00
31	---	---	---	---	---	---	---	76	---	127	154	---
TOTAL	0	0	0	0	0	0	0	612	2325	4597	4365	746
MEAN	---	---	---	---	---	---	0.000	19.8	77.5	148.2	140.7	24.8
MAX	---	---	---	---	---	---	0.00	141	100	176	158	154
MIN	---	---	---	---	---	---	0.00	0.00	74	113	114	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1214	4612	9118	8658	1480
CAL YEAR 2008	MAX	165.0	MIN	0.000	AC-FT	20320						
WTR YEAR 2009	MAX	176.0	MIN	0.000	AC-FT	25080						

PLATTE RIVER BASIN

GOTHENBURG CANAL from Platte River, 00057000

LOCATION.--NW1/4SW1/4 Sec. 28-12-26 W. near Brady

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - 1919, 1921 - 1943, 1945 - present

REMARKS.--Published as Gothenburg Canal from Platte River for Power and Irrigation up to 1974.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	86	98	173	280	232
2	---	---	---	---	---	---	0.00	86	98	174	280	233
3	---	---	---	---	---	---	0.00	86	98	185	290	210
4	---	---	---	---	---	---	0.00	86	100	196	304	115
5	---	---	---	---	---	---	0.00	87	98	197	288	67
6	---	---	---	---	---	---	0.00	85	100	230	277	66
7	---	---	---	---	---	---	0.00	85	99	260	278	66
8	---	---	---	---	---	---	0.00	83	99	278	277	66
9	---	---	---	---	---	---	0.00	86	98	296	277	68
10	---	---	---	---	---	---	0.00	87	99	320	276	45
11	---	---	---	---	---	---	0.00	87	100	326	275	12
12	---	---	---	---	---	---	0.00	87	101	326	278	6.6
13	---	---	---	---	---	---	0.00	86	100	310	278	5.2
14	---	---	---	---	---	---	0.00	87	100	302	278	8.6
15	---	---	---	---	---	---	0.00	87	101	302	239	46
16	---	---	---	---	---	---	0.00	86	102	303	183	56
17	---	---	---	---	---	---	0.00	87	102	304	180	56
18	---	---	---	---	---	0.00	0.00	89	101	304	181	57
19	---	---	---	---	---	0.00	0.00	89	102	304	181	57
20	---	---	---	---	---	0.00	0.00	89	102	295	179	57
21	---	---	---	---	---	0.00	55	88	101	293	179	43
22	---	---	---	---	---	0.00	85	89	109	303	181	8.1
23	---	---	---	---	---	0.00	85	88	123	306	183	8.2
24	---	---	---	---	---	0.00	85	88	123	307	253	5.8
25	---	---	---	---	---	0.00	85	88	123	293	276	4.8
26	---	---	---	---	---	0.00	85	89	128	281	276	0.00
27	---	---	---	---	---	0.00	85	90	126	281	278	0.00
28	---	---	---	---	---	0.00	104	88	126	283	278	0.00
29	---	---	---	---	---	0.00	86	94	128	283	278	0.00
30	---	---	---	---	---	0.00	86	99	172	283	256	0.00
31	---	---	---	---	---	0.00	---	99	---	282	232	---
TOTAL	0	0	0	0	0	0	841	2731	3257	8580	7749	1599.3
MEAN	---	---	---	---	---	0.000	28.0	88.1	108.6	276.9	250.0	53.4
MAX	---	---	---	---	---	0.00	104	99	172	326	304	233
MIN	---	---	---	---	---	0.00	0.00	83	98	173	179	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1668	5417	6460	17020	15370	3172
CAL YEAR 2008	MAX	296.0	MIN	0.000	AC-FT	45520						
WTR YEAR 2009	MAX	326.0	MIN	0.000	AC-FT	49110						

PLATTE RIVER BASIN

BUFFALO CREEK (B-1) RESERVOIR SUPPLY CANAL from Platte River, 00019500

LOCATION.--SW1/4NW1/4 Sec. 9-11-22 W. via Gothenburg Canal near Darr

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983, 1985 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	---	---	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CAL YEAR 2008

WTR YEAR 2009 MAX 0.000 MIN 0.000 AC-FT 0.00

PLATTE RIVER BASIN

SIX MILE CANAL from Platte River, 00134000

LOCATION.--SE1/4SE1/4 Sec. 11-11-26 W. near Gothenburg

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1919, 1922 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	8.1	10	8.3	10
2	---	---	---	---	---	---	---	0.00	8.4	9.9	9.1	8.9
3	---	---	---	---	---	---	---	0.00	9.0	10	12	7.8
4	---	---	---	---	---	---	---	0.00	11	10	11	7.2
5	---	---	---	---	---	---	---	0.00	11	10	8.8	7.2
6	---	---	---	---	---	---	---	0.00	11	10	8.8	7.1
7	---	---	---	---	---	---	---	0.00	11	10	8.8	7.0
8	---	---	---	---	---	---	---	0.00	11	11	8.6	6.9
9	---	---	---	---	---	---	---	0.00	11	11	8.6	7.0
10	---	---	---	---	---	---	---	0.00	8.9	11	9.1	6.2
11	---	---	---	---	---	---	---	0.00	8.1	12	11	4.2
12	---	---	---	---	---	---	---	0.00	8.3	12	12	0.00
13	---	---	---	---	---	---	---	0.00	7.5	12	12	0.00
14	---	---	---	---	---	---	---	0.00	6.0	12	11	0.00
15	---	---	---	---	---	---	---	0.00	3.2	12	12	0.00
16	---	---	---	---	---	---	0.00	0.00	4.1	12	12	0.00
17	---	---	---	---	---	---	0.00	0.00	8.1	12	11	0.00
18	---	---	---	---	---	---	0.00	0.00	8.4	11	5.9	0.00
19	---	---	---	---	---	---	0.00	0.00	8.6	11	0.00	0.00
20	---	---	---	---	---	---	0.00	7.4	8.6	11	0.00	0.00
21	---	---	---	---	---	---	0.00	11	8.8	11	0.00	0.00
22	---	---	---	---	---	---	0.00	10.0	8.3	10	0.00	0.00
23	---	---	---	---	---	---	0.00	10	8.1	8.5	0.00	0.00
24	---	---	---	---	---	---	0.00	10	8.3	8.1	0.00	0.00
25	---	---	---	---	---	---	0.00	10	9.9	9.7	11	0.00
26	---	---	---	---	---	---	0.00	11	11	11	11	0.00
27	---	---	---	---	---	---	0.00	11	11	11	11	0.00
28	---	---	---	---	---	---	0.00	11	11	11	11	0.00
29	---	---	---	---	---	---	0.00	11	11	11	10	0.00
30	---	---	---	---	---	---	0.00	11	11	8.3	11	0.00
31	---	---	---	---	---	---	---	8.1	---	8.3	11	---
TOTAL	0	0	0	0	0	0	0	121.5	269.7	327.8	256	79.5
MEAN	---	---	---	---	---	---	0.000	3.9	9.0	10.7	8.3	2.7
MAX	---	---	---	---	---	---	0.00	11	11	12	12	10
MIN	---	---	---	---	---	---	0.00	0.00	3.2	8.1	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	241	535	650	508	158
CAL YEAR 2008	MAX	9.9	MIN	0.000	AC-FT	786						
WTR YEAR 2009	MAX	12.0	MIN	0.000	AC-FT	2092						

PLATTE RIVER BASIN

COZAD CANAL from Platte River, 00033000

LOCATION.--SE1/4SW1/4 Sec. 15-11-25 W. near Gothenburg

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	40	44	52	103	96
2	---	---	---	---	---	---	---	40	45	52	106	87
3	---	---	---	---	---	---	---	40	45	51	113	81
4	---	---	---	---	---	---	---	35	45	51	126	68
5	---	---	---	---	---	---	---	33	46	51	129	58
6	---	---	---	---	---	---	---	33	46	60	130	53
7	---	---	---	---	---	---	---	33	46	115	125	53
8	---	---	---	---	---	---	---	33	46	143	120	53
9	---	---	---	---	---	---	---	32	47	152	114	53
10	---	---	---	---	---	---	---	32	48	159	106	53
11	---	---	---	---	---	---	---	33	50	159	103	17
12	---	---	---	---	---	---	---	33	51	158	103	0.00
13	---	---	---	---	---	---	---	33	52	139	101	0.00
14	---	---	---	---	---	---	---	33	53	132	101	0.00
15	---	---	---	---	---	---	---	33	54	130	71	0.00
16	---	---	---	---	---	---	0.00	34	56	83	56	0.00
17	---	---	---	---	---	---	0.00	35	56	59	55	0.00
18	---	---	---	---	---	---	0.00	35	53	59	55	0.00
19	---	---	---	---	---	---	0.00	35	53	59	54	0.00
20	---	---	---	---	---	---	0.00	37	56	60	53	0.00
21	---	---	---	---	---	---	0.00	45	60	102	54	0.00
22	---	---	---	---	---	---	0.00	45	57	133	56	0.00
23	---	---	---	---	---	---	0.00	44	56	115	68	0.00
24	---	---	---	---	---	---	0.00	44	54	115	97	0.00
25	---	---	---	---	---	---	0.00	44	58	116	119	0.00
26	---	---	---	---	---	---	0.00	44	61	119	131	0.00
27	---	---	---	---	---	---	0.00	44	61	125	130	0.00
28	---	---	---	---	---	---	0.00	44	56	126	130	0.00
29	---	---	---	---	---	---	0.00	44	53	116	125	0.00
30	---	---	---	---	---	---	14	44	53	109	116	0.00
31	---	---	---	---	---	---	---	44	---	103	105	---
TOTAL	0	0	0	0	0	0	14	1178	1561	3203	3055	672
MEAN	---	---	---	---	---	---	0.94	38.0	52.1	103.4	98.5	22.4
MAX	---	---	---	---	---	---	14	45	61	159	131	96
MIN	---	---	---	---	---	---	0.00	32	44	51	53	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	28	2337	3096	6353	6060	1333
CAL YEAR 2008	MAX	159.0	MIN	0.000	AC-FT	17830						
WTR YEAR 2009	MAX	159.0	MIN	0.000	AC-FT	19210						

PLATTE RIVER BASIN

ORCHARD ALFALFA CANAL from Platte River, 00117000

LOCATION.--SW1/4SW1/4 Sec. 10-10-24 W. near Cozad

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	20	21	37	38
2	---	---	---	---	---	---	---	0.00	20	21	38	38
3	---	---	---	---	---	---	---	0.00	21	20	38	38
4	---	---	---	---	---	---	---	0.00	21	21	38	34
5	---	---	---	---	---	---	---	0.00	21	24	40	31
6	---	---	---	---	---	---	---	0.00	21	29	41	30
7	---	---	---	---	---	---	---	0.00	21	29	39	29
8	---	---	---	---	---	---	---	0.00	22	32	42	29
9	---	---	---	---	---	---	---	0.00	22	41	38	29
10	---	---	---	---	---	---	---	0.00	22	46	33	15
11	---	---	---	---	---	---	---	0.00	23	50	29	0.00
12	---	---	---	---	---	---	---	0.00	23	50	28	0.00
13	---	---	---	---	---	---	---	0.00	23	51	30	0.00
14	---	---	---	---	---	---	---	7.0	22	47	29	0.00
15	---	---	---	---	---	---	---	21	0.00	46	33	0.00
16	---	---	---	---	---	---	0.00	21	0.00	40	14	0.00
17	---	---	---	---	---	---	0.00	20	0.00	33	23	0.00
18	---	---	---	---	---	---	0.00	19	23	31	20	0.00
19	---	---	---	---	---	---	0.00	18	23	32	22	0.00
20	---	---	---	---	---	---	0.00	18	24	33	24	0.00
21	---	---	---	---	---	---	0.00	18	23	33	23	0.00
22	---	---	---	---	---	---	0.00	19	23	27	29	0.00
23	---	---	---	---	---	---	0.00	18	23	17	33	0.00
24	---	---	---	---	---	---	0.00	19	23	19	33	0.00
25	---	---	---	---	---	---	0.00	20	22	24	35	0.00
26	---	---	---	---	---	---	0.00	21	22	28	35	0.00
27	---	---	---	---	---	---	0.00	21	22	29	38	0.00
28	---	---	---	---	---	---	0.00	21	22	34	38	0.00
29	---	---	---	---	---	---	0.00	21	21	37	38	0.00
30	---	---	---	---	---	---	0.00	21	22	38	38	0.00
31	---	---	---	---	---	---	---	20	---	38	38	---
TOTAL	0	0	0	0	0	0	0	343	595	1021	1014	311
MEAN	---	---	---	---	---	---	0.000	11.1	19.9	32.9	32.7	10.4
MAX	---	---	---	---	---	---	0.00	21	24	51	42	38
MIN	---	---	---	---	---	---	0.00	0.00	0.00	17	14	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	680	1180	2025	2011	617
CAL YEAR 2008	MAX	120.0	MIN	0.000	AC-FT	4725						
WTR YEAR 2009	MAX	51.0	MIN	0.000	AC-FT	6514						

PLATTE RIVER BASIN

DAWSON COUNTY CANAL from Platte River, 00037000

LOCATION.--SW1/4SE1/4 Sec. 7-10-23 W. at Cozad

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	104	109	205	372	303
2	---	---	---	---	---	---	---	104	114	277	372	292
3	---	---	---	---	---	---	---	104	132	310	372	278
4	---	---	---	---	---	---	---	104	132	309	338	278
5	---	---	---	---	---	---	---	108	132	345	311	267
6	---	---	---	---	---	---	---	108	131	363	304	260
7	---	---	---	---	---	---	---	108	132	364	307	243
8	---	---	---	---	---	---	---	104	132	362	311	207
9	---	---	---	---	---	---	---	119	133	394	291	207
10	---	---	---	---	---	---	---	139	134	426	278	69
11	---	---	---	---	---	---	---	139	135	422	280	0.00
12	---	---	---	---	---	---	---	139	136	418	281	0.00
13	---	---	---	---	---	---	---	138	137	403	282	0.00
14	---	---	---	---	---	---	---	134	137	387	283	0.00
15	---	---	---	---	---	---	---	113	137	388	272	0.00
16	---	---	---	---	---	---	0.00	109	139	373	267	0.00
17	---	---	---	---	---	---	0.00	103	141	359	177	0.00
18	---	---	---	---	---	---	0.00	95	141	359	178	0.00
19	---	---	---	---	---	---	0.00	95	140	359	177	0.00
20	---	---	---	---	---	---	0.00	90	140	350	147	0.00
21	---	---	---	---	---	---	0.00	79	140	342	150	0.00
22	---	---	---	---	---	---	0.00	95	139	363	150	0.00
23	---	---	---	---	---	---	0.55	91	189	369	162	0.00
24	---	---	---	---	---	---	4.4	94	197	369	275	0.00
25	---	---	---	---	---	---	5.4	95	197	370	311	0.00
26	---	---	---	---	---	---	58	109	197	372	323	0.00
27	---	---	---	---	---	---	112	131	196	372	323	0.00
28	---	---	---	---	---	---	136	132	197	372	363	0.00
29	---	---	---	---	---	---	106	132	196	372	387	0.00
30	---	---	---	---	---	---	104	132	197	371	386	0.00
31	---	---	---	---	---	---	---	126	---	371	345	---
TOTAL	0	0	0	0	0	0	526.35	3473	4509	11216	8775	2404
MEAN	---	---	---	---	---	---	35.1	112.1	150.3	361.7	283.0	80.1
MAX	---	---	---	---	---	---	136	139	197	426	387	303
MIN	---	---	---	---	---	---	0.00	79	109	205	147	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1044	6889	8943	22250	17400	4768
CAL YEAR 2008	MAX	395.0	MIN	0.000	AC-FT	51530						
WTR YEAR 2009	MAX	426.0	MIN	0.000	AC-FT	61300						

PLATTE RIVER near Cozad, 06766500

LOCATION.--North channel gage: SE1/4NW1/4 Sec. 18-10-23 W., Dawson County, Lat. 40° 50' 19", Long. 99° 59' 17", at left, downstream end of north bridge on State Highway 21, 1.4 mile south of Cozad; South channel gage: SW1/4SW1/4 Sec. 18-10-23 W., Lat. 40° 49' 58", Long. 99° 59' 31", at left, downstream end of south bridge on State Highway 21, 1.9 mile south of Cozad.

DRAINAGE AREA.--Approximately 56,200 square miles, approximately 51,700 square miles contributes to surface runoff.

GAGE.--Continuous stage recorders on north and south channel gages

PERIOD OF RECORD.--Irrigation season 1932, 1937 - 1938, Apr. 1939 - present (monthly discharges only for periods).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 21,500 cubic feet per second June 29, 1983, combined channel flow; flood of June 1935 estimated to have reached a discharge of 40,000 cubic feet per second; no flow at times in 1937-1940.

EXTREMES FOR CURRENT YEAR.--Peak discharge estimated 2,260 cubic feet per second April 18, combined channel flow; minimum daily discharge 9.3 cubic feet per second estimated May 18, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	124	294	214	208	234	229e	203	73	12e	365	132	90
2	122	284	219	197e	235	240e	196	67	12e	188	115	97
3	120	277	219	188e	233	251	185	76	36	195	101	117
4	118	269	217e	182e	228	251	197	86	38	166	189	81
5	120	262	213e	188	225	249	211	104	35	137	234	106
6	133	256	213	184	224	243	202	120	42	116	189	98
7	139	260	212	204	232	240	211	104	45	37	195	108
8	137	261e	218	214	232	240	216	90	50	20	181	100
9	134	260e	212	209e	249e	236	229	59	33	30	207	117
10	136	260e	198e	208e	267e	224e	240	31	25	93	213	165
11	138	259e	201e	206e	277e	194e	235	25	46	86	203	235
12	154	259e	195e	192e	277e	198	239	16e	79	88	157	317
13	225	258e	186e	188e	269e	211	245	14e	79	194	148	248
14	265	258e	172e	178e	265e	217	245	13e	75	148	132	220
15	312	257e	117e	164e	264	234	263	9.8e	239	87	430	166
16	315	257e	132e	168e	258	238	1080	9.6e	693	125	487	156
17	306	256e	148e	194e	265	232	1810	9.4e	894	156	342	168
18	292	256e	134e	226e	270	224	2180	9.3e	983	153	277	165
19	275	255e	176e	252	269	218	1600	9.5e	926	141	232	166
20	252	246	182e	247	283	216	887	26	969	140	154	161
21	234	237	177e	244	279	207	573	10e	1120	124	103	147
22	310	236	208e	236	270	216	504	12e	1140	168	71	150
23	456	232	234e	228	263	233	368	18e	1010	295	62	188
24	523	228	223e	190	261	223	326	38	929	196	37	262
25	526	225	224e	189	261	215	280	35	698	161	54	235
26	484	230	206e	186	256	207	214	69	608	134	27	215
27	425	229	187	170	245	189	148	75	464	121	43	207
28	392	223	191	165	213	178	79	82	500	112	35	197
29	362	221	198	183	---	173	87	71	505	129	19e	187
30	337	218	213	196	---	183	89	27	507	129	56	184
31	313	---	210	213	---	202	---	12e	---	126	87	---
TOTAL	8179	7523	6049	6197	7104	6811	13542	1400.6	12792	4360	4912	5053
MEAN	263.8	250.8	195.1	199.9	253.7	219.7	450.7	45.2	425.9	140.6	158.4	168.4
MAX	526	294	234	252	283	251	2180	120	1140	365	487	317
MIN	118	218	117	164	213	173	79	9.3	12	20	19	81
AC-FT	16220	14920	12000	12290	14090	13510	26860	2778	25370	8648	9743	10020
CAL YEAR 2008	TOTAL		88051	MEAN	240.6	MAX	7990	MIN	13.0	AC-FT	174600	
WTR YEAR 2009	TOTAL		83923	MEAN	229.9	MAX	2180	MIN	9.3	AC-FT	166500	

e indicates estimated discharge.

PLATTE RIVER BASIN

PLUM CREEK near Smithfield, 06767500

LOCATION.--SE1/4SW1/4 Sec. 21-8-21 W. near Smithfield, Gosper County, Lat. 40°38'30", Long. 99°42'37", on the left bank 15 feet downstream from the county road bridge 4.8 miles north and 1.4 miles east of Smithfield, Nebraska.

DRAINAGE AREA.--224 square miles.

GAGE.--Continuous stage recorder. Elevation of gage approximately 2,400 feet from topographic map.

PERIOD OF RECORD.--USGS continuous record June 1946 - September 1953, October 1968 - September 1975, USGS annual peak 1954 - 1968, at a site 1.5 miles downstream. Continuous Department of Water Resources record at the present site 1980 - 1991 and USGS April 1996 - September 2002, Department of Natural Resources 2003 to present.

REMARKS.--Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,800 cubic feet per second June 23, 1947, gage height 23.41 feet, at the datum and site then in use; minimum daily discharge zero on July 13, 1946.

EXTREMES FOR CURRENT YEAR.--Peak discharge 184 cubic feet per second September 11, gage height 7.91 feet; minimum daily discharge 0.82 cubic feet per second July 25.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.2	12	11	12e	11e	12e	14	24	12	10	9.2	7.9
2	8.2	11	11	12e	11e	12e	13	15	13	9.8	8.4	8.2
3	8.0	12	10	12e	11e	12e	14	13	24	9.9	8.1	7.7
4	8.3	12	10e	12e	11e	12	14	13	18	9.7	8.1	6.9
5	8.5	12	10e	12e	11e	12	16	14	14	9.7	8.4	6.3
6	11	12	11e	12e	11	13	19	13	14	9.4	8.6	6.4
7	14	12	11	12	11	12	16	13	13	9.1	8.2	6.4
8	13	12	10	12	11	12	15	12	13	8.9	8.0	6.3
9	9.2	12	11e	13	11	12	15	12	13	8.9	7.6	5.4
10	8.8	11	11e	13e	12e	13	15	11	13	9.1	8.2	5.5
11	8.7	12	11e	13e	12e	13	16	11	14	8.9	6.6	6.2
12	9.0	12	11e	13	12e	14	15	12	19	9.2	6.6	6.5
13	10	13	10e	13e	12e	16	15	12	16	9.7	6.7	7.6
14	15	12	10e	13e	12e	12	15	11	14	35	7.0	7.0
15	12	12	10e	13e	12e	12	14	11	13	11	11	6.8
16	12	11	10e	13e	12e	12	14	10	14	9.5	13	6.7
17	10	11	10e	13	12	13	13	10	13	9.2	9.8	6.6
18	9.8	11	10e	13	12	12	14	10	12	9.9	8.5	6.5
19	9.7	11	10	13	12	12	17	10	12	9.1	7.8	6.5
20	9.7	11	11	13e	11	12	15	9.9	16	8.7	8.0	6.5
21	9.8	11	11	13e	12	12	13	10.0	13	8.9	7.6	6.4
22	30	10	11	12e	14	12	13	10	12	8.3	7.1	6.8
23	83	11	11	12e	12	12	12	10	11	8.4	7.5	7.4
24	53	11	10	12e	11	13	12	11	11	8.3	5.9	8.3
25	22	11	11	11e	12	13	12	11	11	9.7	5.9	7.8
26	15	10	11	11	13	12	12	12	11	12	7.0	7.8
27	13	10	11	11	12	12	12	12	11	9.4	8.3	7.6
28	12	10	11	11	12	12	12	13	11	9.2	9.8	7.2
29	12	11	11	11	---	12	12	12	10	9.8	8.9	7.3
30	12	11	12	11	---	13	14	12	10	9.3	8.4	7.5
31	12	---	12e	11e	---	13	---	12	---	8.9	8.3	---
TOTAL	476.9	340	331	378	328	386	423	371.9	401	316.9	252.5	208
MEAN	15.3	11.3	10.7	12.2	11.8	12.5	14.1	12.0	13.3	10.2	8.1	6.9
MAX	83	13	12	13	14	16	19	24	24	35	13	8.3
MIN	8.0	10	10	11	11	12	12	9.9	10	8.3	5.9	5.4
AC-FT	946	674	657	750	651	766	839	738	795	629	501	413
CAL YEAR 2008	TOTAL		9912	MEAN	27.1	MAX	1400	MIN	6.7	AC-FT	19660	
WTR YEAR 2009	TOTAL		4213	MEAN	11.5	MAX	83.0	MIN	5.4	AC-FT	8357	

e indicates estimated discharge.

PLATTE RIVER BASIN

KEARNEY CANAL from Platte River, 00073000

LOCATION.--SW1/4SW1/4 Sec. 2-8-18 W. near Elm Creek

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	223	167	---	---	---	---	227	13	284	317	254	234
2	244	166	---	---	---	---	242	11	285	317	254	234
3	249	219	---	---	---	---	181	9.3	285	318	254	234
4	252	250	---	---	---	---	36	48	285	319	252	234
5	247	250	---	---	---	---	21	147	285	326	253	234
6	244	242	---	---	---	---	21	161	284	326	253	234
7	241	221	---	---	---	---	21	190	282	324	252	233
8	247	222	---	---	---	---	20	200	282	315	251	231
9	240	215	---	---	---	---	21	228	282	267	254	231
10	244	215	---	---	---	---	20	262	281	283	259	236
11	248	215	---	---	---	---	18	286	283	273	258	214
12	243	216	---	---	---	---	18	304	285	269	259	185
13	246	163	---	---	---	---	18	292	281	269	259	185
14	263	36	---	---	---	---	15	299	287	270	259	180
15	260	0.00	---	---	---	---	12	277	284	270	245	177
16	257	0.00	---	---	---	---	8.2	267	339	269	238	175
17	256	0.00	---	---	---	---	7.4	263	370	271	239	182
18	242	0.00	---	---	---	0.00	6.8	259	340	273	237	187
19	241	0.00	---	---	---	0.00	6.6	267	288	277	236	185
20	244	---	---	---	---	0.00	6.6	225	276	274	235	179
21	248	---	---	---	---	0.00	6.6	203	294	271	235	177
22	203	---	---	---	---	0.00	54	200	317	272	235	175
23	172	---	---	---	---	0.00	137	201	324	270	235	170
24	144	---	---	---	---	0.00	206	223	313	269	235	176
25	178	---	---	---	---	42	273	234	309	269	236	181
26	214	---	---	---	---	91	294	273	310	270	236	180
27	214	---	---	---	---	107	139	291	309	269	236	179
28	225	---	---	---	---	107	40	289	307	269	236	166
29	265	---	---	---	---	106	15	289	311	269	236	155
30	280	---	---	---	---	144	14	285	318	269	236	154
31	207	---	---	---	---	205	---	284	---	260	235	---
TOTAL	7281	2797	0	0	0	802	2105.2	6780.3	8980	8784	7592	5897
MEAN	234.9	147.2	---	---	---	57.2	70.1	218.8	299.3	283.4	244.8	196.4
MAX	280	250	---	---	---	205	294	304	370	326	259	236
MIN	144	0.00	---	---	---	0.00	6.6	9.3	276	260	235	154
AC-FT	14440	5548	0.00	0.00	0.00	1591	4176	13450	17810	17420	15060	11700
CAL YEAR 2008	MAX	285.0	MIN	0.000	AC-FT	71610						
WTR YEAR 2009	MAX	370.0	MIN	0.000	AC-FT	101200						

PLATTE RIVER BASIN

KEARNEY POWER RETURN to Platte River, 00075000

LOCATION.--NE1/4NE1/4 Sec. 10-8-16 W. at Kearney

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1939 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	151	140	---	---	---	---	167	0.00	254	276	223	194
2	157	139	---	---	---	---	185	0.00	256	275	221	203
3	169	147	---	---	---	---	190	0.00	265	268	209	206
4	169	182	---	---	---	---	66	0.00	265	257	194	209
5	167	198	---	---	---	---	5.8	112	263	283	198	217
6	202	187	---	---	---	---	0.00	138	262	270	199	222
7	154	158	---	---	---	---	0.00	154	283	248	198	224
8	168	164	---	---	---	---	0.00	184	239	247	192	224
9	165	157	---	---	---	---	0.00	193	270	187	193	217
10	171	165	---	---	---	---	0.00	234	261	200	198	215
11	171	161	---	---	---	---	0.00	264	262	206	204	226
12	183	160	---	---	---	---	0.00	291	272	202	212	192
13	205	165	---	---	---	---	0.00	282	259	199	208	180
14	197	85	---	---	---	---	0.00	283	255	202	207	178
15	196	0.00	---	---	---	---	0.00	276	283	199	221	170
16	191	0.00	---	---	---	---	0.00	253	255	205	214	171
17	187	0.00	---	---	---	---	0.00	251	284	206	209	169
18	172	0.00	---	---	---	---	0.00	240	246	205	207	171
19	168	0.00	---	---	---	0.00	0.00	251	318	214	211	165
20	177	---	---	---	---	0.00	0.00	238	249	221	202	164
21	186	---	---	---	---	0.00	0.00	190	245	214	201	159
22	288	---	---	---	---	0.00	0.00	180	295	228	203	176
23	198	---	---	---	---	0.00	74	180	292	253	203	175
24	151	---	---	---	---	0.00	130	193	326	240	192	160
25	137	---	---	---	---	0.00	193	218	288	227	179	166
26	154	---	---	---	---	0.00	249	247	286	224	197	165
27	161	---	---	---	---	0.00	191	301	277	220	206	162
28	167	---	---	---	---	0.00	14	276	273	215	201	155
29	197	---	---	---	---	0.00	0.54	273	252	215	203	145
30	224	---	---	---	---	76	16	243	294	227	204	144
31	194	---	---	---	---	138	---	287	---	234	198	---
TOTAL	5577	2208	0	0	0	214	1481.34	6232	8129	7067	6307	5524
MEAN	179.9	116.2	---	---	---	16.4	49.4	201.0	271.0	227.9	203.4	184.2
MAX	288	198	---	---	---	138	249	301	326	283	223	226
MIN	137	0.00	---	---	---	0.00	0.00	0.00	239	187	179	144
AC-FT	11060	4380	0.00	0.00	0.00	424	2938	12360	16120	14020	12510	10960
CAL YEAR 2008	MAX	288.0	MIN	0.000	AC-FT	56350						
WTR YEAR 2009	MAX	326.0	MIN	0.000	AC-FT	84770						

PLATTE RIVER near Odessa, 06770000

LOCATION.--SW1/4NW1/4 Sec. 16-8-17 W., Phelps County, Lat. 40°39'53", Long 99°15'20", on right bank 15 feet downstream of county highway bridge, 2.5 miles south of Odessa and 5 miles downstream from Elm Creek.

DRAINAGE AREA.--58,100 square miles; approximately 53,300 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2195.07 feet above National Geodetic Vertical Datum of 1929. Before October 7, 1938, non-recording gage and October 7, 1938 to September 30, 1942, water-stage recorder, both at datum 3.00 feet higher. From October 1, 1942 to July 23, 1984, datum 2.00 feet higher.

PERIOD OF RECORD.--Mar. 1937 - present (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 22,900 cubic feet per second June 29,1983, gage height 5.82 feet, datum then in use; maximum gage height 7.94 feet June 10, 1995; no flow for periods in each year before 1947 and in 1953-57, 1963.

EXTREMES FOR CURRENT YEAR.--Peak discharge 4,390 cubic feet per second October 24, gage height 4.86 feet; maximum gage height 5.15 feet April 24; minimum daily discharge 51 cubic feet per second October 1 & June 7.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	51	719	592	731	332	564	465	1960	79	1200	323	125
2	270	654	592	455	334	543	926	1520	72	1240	311	129
3	66	563	621	593	879	985	999	1530	64	1200	280	124
4	299	509	499	746	1030	1160	476	1450	57	842	329	118
5	96	485	439	404	842	1110	428	1050	60	805	328	120
6	104	738	482	657	561	663	402	544	57	810	362	118
7	149	1140	472	374	904	1020	427	618	51	841	335	121
8	416	1370	469	664	544	1030	751	530	52	887	342	116
9	153	516	446	1430	568	687	1260	442	56	617	336	108
10	426	436	371	970	1190	556	1240	375	57	389	383	277
11	479	470	462	344	754	908	488	335	60	355	311	530
12	204	451	472	304	1410	790	424	511	284	322	295	682
13	411	845	489	778	1070	780	390	203	330	306	281	755
14	1040	926	356	979	984	976	907	358	670	309	265	954
15	1180	1090	254	1100	597	791	1650	166	771	309	291	654
16	1240	1120	371	841	564	645	1250	125	977	299	408	534
17	1170	668	477	725	974	631	1110	109	1170	330	632	621
18	543	1590	626	673	1000	590	2550	101	1590	453	590	866
19	459	1520	539	640	1010	821	3570	99	2190	599	509	696
20	732	1900	511	841	1070	1450	3880	83	2160	543	364	689
21	1260	1760	463	844	1060	1490	3170	68	2000	312	279	774
22	2350	1660	450	797	803	730	1770	61	2140	370	225	772
23	3690	1510	463	604	593	668	623	61	2300	380	192	838
24	3310	718	788	811	1010	530	647	86	2090	335	171	732
25	1760	1300	725	589	1210	474	1230	84	2000	306	165	781
26	1050	1350	613	600	1180	450	1440	120	1900	270	172	860
27	748	895	926	1040	955	414	1060	101	1620	253	180	855
28	839	634	724	936	918	414	695	91	1460	257	173	719
29	1310	862	545	698	---	412	1160	91	1360	243	157	669
30	1520	888	937	611	---	348	1900	89	1280	442	131	691
31	1190	---	573	536	---	276	---	78	---	637	121	---
TOTAL	28515	29287	16747	22315	24346	22906	37288	13039	28957	16461	9241	16028
MEAN	919.9	976.0	540.1	719.8	869.2	738.8	1244	420.6	965.2	531.0	298.1	534.2
MAX	3690	1900	937	1430	1410	1490	3880	1960	2300	1240	632	954
MIN	51	436	254	304	332	276	390	61	51	243	121	108
AC-FT	56560	58090	33220	44260	48290	45430	73960	25860	57440	32650	18330	31790
CAL YEAR 2008	TOTAL	296022	MEAN	808.8	MAX	13800	MIN	29.0	AC-FT	587200		
WTR YEAR 2009	TOTAL	265130	MEAN	726.4	MAX	3880	MIN	51.0	AC-FT	525900		

e indicates estimated discharge.

PLATTE RIVER BASIN

WOOD RIVER near Alda, 06772000

LOCATION.--NW1/4SW1/4 Sec. 8,T 10N,R 10 W., Hall County, Lat. 40° 51' 10", Long. 98° 28' 20", on right bank 1.2 miles south of Alda, 2.2 miles upstream from old north channel of the Platte River, and at mile 26.6 above mouth.

DRAINAGE AREA.--628 Square miles.

GAGE.--Continuous stage recorder, datum of gage 1897.66 ft. above sea level (U. S. Bureau of Reclamation bench mark)

PERIOD OF RECORD.--Oct. 1953 - present (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair, except estimated records are poor. Many small pump diversions for irrigation are above this station.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,630 cubic feet per second June 16, 1967 at gage height 12.22 feet; minimum daily discharge of zero many times during period of record.

EXTREMES FOR CURRENT YEAR.--Peak discharge 274 cubic feet per second October 26, gage height 8.71 feet; minimum daily discharge 0.50 cubic feet per second estimated December 15 - 17.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.80	15	3.5e	15e	8.8e	4.9e	3.8	5.0	9.7	18	21	1.7
2	0.57	13	5.5e	19e	5.4e	3.6e	2.7	5.6	13	16	23	3.1
3	0.52	12	3.5e	14e	2.9e	2.9e	3.6	5.5	12	15	23	6.8
4	1.5	9.2	4.0e	7.6e	2.2e	4.4e	4.4	5.5	11	14	16e	9.5
5	2.1	6.6	4.5e	2.9e	8.1e	5.1e	4.8	5.5	11	13	16e	6.9
6	2.4	6.7	9.0e	7.7e	2.6e	6.2e	5.0	5.0	88	13	15e	6.3
7	9.1	6.3	7.0e	16e	6.6e	5.1e	5.0	4.6	36	11e	14e	4.7
8	10	5.5	6.5e	9.2e	2.9e	3.7e	4.4	4.3	15	9.1e	13e	2.1
9	27	4.8	5.0e	14e	8.6e	1.9e	4.1	3.2	16	8.3e	13e	1.3
10	32	5.1	4.5e	10e	11e	3.9e	4.9	3.9	17	6.0e	12e	2.0
11	17	7.8	5.0e	13e	7.2e	1.7e	5.4	4.6	16	5.9e	11e	3.0
12	10	5.8	7.0e	12e	6.8e	3.0e	5.6	5.7	18	7.3e	7.6	2.9
13	9.5	6.2	6.0e	5.1e	3.0e	2.8e	5.6	5.3	16	15e	9.9	3.4
14	7.1	6.9	3.0e	2.9e	3.0e	5.5	5.3	5.1	14	12e	9.4	4.6
15	12	5.8	0.50e	5.6e	4.1e	11	4.5	5.5	14	14e	8.3	2.9
16	17	4.6	0.50e	9.3e	6.5e	9.2	3.8	4.0	43	17e	8.5	1.5
17	18	4.4	0.50e	2.8e	6.7e	8.0	4.8	4.8	38	19e	10	0.90
18	14	4.0	3.0e	9.0e	4.4e	7.6	5.0	5.4	27	15e	8.4	1.2
19	11	3.8	6.0e	6.5e	2.1e	8.6	5.5	5.3	49	18	6.8	1.1
20	7.4	4.1	5.0e	6.6e	6.7e	8.9	5.5	5.2	32	18	6.7	1.1
21	6.0	5.0	8.4e	4.8e	5.7e	8.4	5.8	4.2	46	21	6.9	0.91
22	18	7.0e	9.4e	3.2e	6.5e	8.9	6.0	4.5	44	18	6.6	0.84
23	49	6.0e	7.0e	5.2e	5.0e	7.6e	6.8	4.6	44	18	6.3	1.2
24	124	4.5e	2.5e	4.9e	6.5e	5.3e	6.4	5.2	42	21	6.9	1.1
25	243	4.0e	6.4e	2.4e	5.0e	4.8e	5.3	7.1	28	24	8.3	1.9
26	246	3.5e	15e	3.6e	8.0e	5.4	6.2	14	26	24	10	1.8
27	116	3.0e	12e	5.5e	3.7e	6.0	4.5	10	22	20	8.8	1.0
28	61	3.5e	10e	2.8e	6.7e	5.8	4.6	9.5	30	18	8.2	0.55
29	40	3.0e	8.6e	2.1e	---	5.4	5.9	9.1	26	17	6.0	0.58
30	26	3.0e	14e	4.3e	---	4.7	5.7	9.5	18	17	5.2	0.70
31	19	---	8.9e	8.4e	---	4.4	---	10	---	18	3.5	---
TOTAL	1156.99	180.1	191.7	235.4	156.7	174.7	150.9	186.7	821.7	480.6	329.3	77.58
MEAN	37.3	6.0	6.2	7.6	5.6	5.6	5.0	6.1	27.4	15.6	10.6	2.6
MAX	246	15	15	19	11	11	6.8	14	88	24	23	9.5
MIN	0.52	3.0	0.50	2.1	2.1	1.7	2.7	3.2	9.7	5.9	3.5	0.55
AC-FT	2295	357	380	467	311	347	299	370	1630	953	653	154
CAL YEAR 2008	TOTAL		12806	MEAN	35.0	MAX	596.0	MIN	0.000	AC-FT	25400	
WTR YEAR 2009	TOTAL		4142	MEAN	11.3	MAX	246.0	MIN	0.50	AC-FT	8216	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

SARGENT CANAL from Middle Loup River, 00130000

LOCATION.--NW1/4NE1/4 Sec. 32-21-21 W. near Milburn

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1957 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	68	80	128	163
2	---	---	---	---	---	---	---	0.00	72	82	125	175
3	---	---	---	---	---	---	---	0.00	80	83	151	171
4	---	---	---	---	---	---	---	0.00	79	81	168	122
5	---	---	---	---	---	---	---	0.00	80	80	103	72
6	---	---	---	---	---	---	---	0.00	81	89	72	61
7	---	---	---	---	---	---	---	0.00	80	127	76	60
8	---	---	---	---	---	---	---	0.00	79	179	84	58
9	---	---	---	---	---	---	---	0.00	79	218	94	64
10	---	---	---	---	---	---	---	0.00	78	219	104	91
11	---	---	---	---	---	---	---	0.00	79	204	140	105
12	---	---	---	---	---	---	---	0.00	81	201	181	94
13	---	---	---	---	---	---	---	0.00	79	188	209	93
14	---	---	---	---	---	---	---	0.00	78	191	213	109
15	---	---	---	---	---	---	---	0.00	79	188	104	112
16	---	---	---	---	---	---	---	0.00	80	121	59	112
17	---	---	---	---	---	---	---	0.00	77	69	56	92
18	---	---	---	---	---	---	---	0.00	80	70	56	84
19	---	---	---	---	---	---	---	0.00	80	68	63	68
20	---	---	---	---	---	---	---	0.00	79	114	57	66
21	---	---	---	---	---	---	---	0.00	79	171	59	57
22	---	---	---	---	---	---	---	0.00	78	216	97	52
23	---	---	---	---	---	---	---	0.00	78	232	105	53
24	---	---	---	---	---	---	---	0.00	79	215	147	53
25	---	---	---	---	---	---	---	0.00	76	191	121	13
26	---	---	---	---	---	---	---	0.00	83	187	110	0.00
27	---	---	---	---	---	---	---	0.00	74	199	112	0.00
28	---	---	---	---	---	---	---	63	73	210	112	0.00
29	---	---	---	---	---	---	---	93	72	181	97	0.00
30	---	---	---	---	---	---	---	69	73	167	95	0.00
31	---	---	---	---	---	---	---	68	---	137	108	---
TOTAL	0	0	0	0	0	0	0	293	2333	4758	3406	2200
MEAN	0.000	---	---	---	---	---	---	9.4	77.7	153.5	109.9	73.3
MAX	0.00	---	---	---	---	---	---	93	83	232	213	175
MIN	0.00	---	---	---	---	---	---	0.00	68	68	56	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	581	4627	9437	6756	4364
CAL YEAR 2008	MAX	244.0	MIN	0.000	AC-FT	23630						
WTR YEAR 2009	MAX	232.0	MIN	0.000	AC-FT	25770						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 1 from Middle Loup River, 00090000

LOCATION.--SW1/4NW1/4 Sec. 14-19-18 W. near Sargent

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	17	18	37	36
2	---	---	---	---	---	---	---	0.00	17	19	37	33
3	---	---	---	---	---	---	---	0.00	16	20	37	16
4	---	---	---	---	---	---	---	0.00	16	21	37	14
5	---	---	---	---	---	---	---	0.00	16	23	32	14
6	---	---	---	---	---	---	---	0.00	16	27	24	14
7	---	---	---	---	---	---	---	14	16	31	21	14
8	---	---	---	---	---	---	---	15	16	35	20	17
9	---	---	---	---	---	---	---	14	16	39	20	23
10	---	---	---	---	---	---	---	13	16	41	20	29
11	---	---	---	---	---	---	---	12	16	41	23	31
12	---	---	---	---	---	---	---	11	15	39	27	30
13	---	---	---	---	---	---	---	11	15	36	34	27
14	---	---	---	---	---	---	---	12	15	35	36	22
15	---	---	---	---	---	---	---	12	9.0	33	26	19
16	---	---	---	---	---	---	---	12	0.00	36	16	19
17	---	---	---	---	---	---	---	12	0.00	34	16	19
18	---	---	---	---	---	---	---	13	0.00	35	17	19
19	---	---	---	---	---	---	---	15	0.00	35	19	19
20	---	---	---	---	---	---	---	16	0.00	34	18	17
21	---	---	---	---	---	---	---	17	0.00	36	20	16
22	---	---	---	---	---	---	---	17	0.00	39	21	6.0
23	---	---	---	---	---	---	---	17	0.00	39	25	0.00
24	---	---	---	---	---	---	---	18	9.1	40	28	0.00
25	---	---	---	---	---	---	---	18	15	40	33	0.00
26	---	---	---	---	---	---	---	18	14	40	39	0.00
27	---	---	---	---	---	---	---	18	14	40	38	0.00
28	---	---	---	---	---	---	---	18	14	39	38	0.00
29	---	---	---	---	---	---	---	17	14	39	38	0.00
30	---	---	---	---	---	---	---	18	15	37	37	0.00
31	---	---	---	---	---	---	---	18	---	37	37	---
TOTAL	0	0	0	0	0	0	0	376	327.1	1058	871	454
MEAN	0.000	---	---	---	---	---	---	12.1	10.9	34.2	28.0	15.1
MAX	0.00	---	---	---	---	---	---	18	17	41	39	36
MIN	0.00	---	---	---	---	---	---	0.00	0.00	18	16	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	746	649	2099	1728	900
CAL YEAR 2008	MAX	44.0	MIN	0.000	AC-FT	6518						
WTR YEAR 2009	MAX	41.0	MIN	0.000	AC-FT	6121						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 2 from Middle Loup River, 00091000

LOCATION.--NE1/4NW1/4 Sec. 14-19-18 W. near Sargent

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	29	14	33	45
2	---	---	---	---	---	---	---	0.00	27	16	26	45
3	---	---	---	---	---	---	---	0.00	26	18	27	32
4	---	---	---	---	---	---	---	0.00	26	22	37	27
5	---	---	---	---	---	---	---	0.00	25	25	35	25
6	---	---	---	---	---	---	---	0.00	24	26	31	24
7	---	---	---	---	---	---	---	0.00	23	27	30	24
8	---	---	---	---	---	---	---	0.00	22	31	29	24
9	---	---	---	---	---	---	---	0.00	21	37	28	23
10	---	---	---	---	---	---	---	0.00	20	40	27	24
11	---	---	---	---	---	---	---	1.5	20	43	30	22
12	---	---	---	---	---	---	---	18	18	48	33	21
13	---	---	---	---	---	---	---	14	16	51	37	21
14	---	---	---	---	---	---	---	14	16	53	39	21
15	---	---	---	---	---	---	---	14	13	53	29	22
16	---	---	---	---	---	---	---	14	10	45	22	23
17	---	---	---	---	---	---	---	14	10	40	23	24
18	---	---	---	---	---	---	---	14	11	39	24	27
19	---	---	---	---	---	---	---	15	12	38	18	25
20	---	---	---	---	---	---	---	16	13	37	15	20
21	---	---	---	---	---	---	---	20	13	38	15	18
22	---	---	---	---	---	---	---	30	13	39	19	7.0
23	---	---	---	---	---	---	---	29	12	40	25	0.00
24	---	---	---	---	---	---	---	29	11	40	26	0.00
25	---	---	---	---	---	---	---	29	11	39	26	0.00
26	---	---	---	---	---	---	---	30	9.9	40	26	0.00
27	---	---	---	---	---	---	---	30	9.7	43	27	0.00
28	---	---	---	---	---	---	---	30	9.4	45	31	0.00
29	---	---	---	---	---	---	---	29	9.2	46	36	0.00
30	---	---	---	---	---	---	---	30	10	42	39	0.00
31	---	---	---	---	---	---	---	30	---	36	42	---
TOTAL	0	0	0	0	0	0	0	450.5	490.2	1151	885	544
MEAN	0.000	---	---	---	---	---	---	14.5	16.3	37.0	28.5	18.1
MAX	0.00	---	---	---	---	---	---	30	29	53	42	45
MIN	0.00	---	---	---	---	---	---	0.00	9.2	14	15	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	894	972	2283	1755	1079
CAL YEAR 2008	MAX	50.0	MIN	0.000	AC-FT	6710						
WTR YEAR 2009	MAX	53.0	MIN	0.000	AC-FT	6983						

PLATTE RIVER BASIN (Loup River)

MIDDLE LOUP CANAL NO. 3 from Middle Loup River, 00092000

LOCATION.--NW1/4NW1/4 Sec. 6-17-16 W. near Comstock

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	25	37	23	95	100
2	---	---	---	---	---	---	0.00	28	38	33	99	93
3	---	---	---	---	---	---	0.00	30	39	41	99	92
4	---	---	---	---	---	---	0.00	33	38	42	115	91
5	---	---	---	---	---	---	0.00	36	38	43	111	91
6	---	---	---	---	---	---	0.00	33	38	61	107	91
7	---	---	---	---	---	---	0.00	29	38	104	80	92
8	---	---	---	---	---	---	0.00	28	34	106	56	92
9	---	---	---	---	---	---	0.00	29	25	110	56	90
10	---	---	---	---	---	---	0.00	29	23	112	55	87
11	---	---	---	---	---	---	0.00	29	24	113	64	81
12	---	---	---	---	---	---	0.00	29	24	118	75	81
13	---	---	---	---	---	---	0.00	28	24	119	78	80
14	---	---	---	---	---	---	0.00	34	23	130	87	79
15	---	---	---	---	---	---	0.00	38	23	126	72	79
16	---	---	---	---	---	---	0.00	38	23	100	49	79
17	---	---	---	---	---	---	0.00	39	24	56	49	79
18	---	---	---	---	---	---	0.00	38	23	55	48	79
19	---	---	---	---	---	---	0.00	40	23	57	48	80
20	---	---	---	---	---	---	0.00	48	23	83	48	80
21	---	---	---	---	---	---	0.00	49	23	94	49	79
22	---	---	---	---	---	---	0.00	54	23	110	51	78
23	---	---	---	---	---	---	0.00	57	22	117	74	51
24	---	---	---	---	---	---	0.00	57	22	117	74	0.00
25	---	---	---	---	---	---	0.00	57	22	125	75	0.00
26	---	---	---	---	---	---	0.00	47	23	129	79	0.00
27	---	---	---	---	---	---	0.00	38	23	130	88	0.00
28	---	---	---	---	---	---	0.00	37	22	128	100	0.00
29	---	---	---	---	---	---	48	38	22	128	100	0.00
30	---	---	---	---	---	---	31	37	23	126	99	0.00
31	---	---	---	---	---	---	---	37	---	125	101	---
TOTAL	0	0	0	0	0	0	79	1169	807	2961	2381	1924
MEAN	0.000	---	---	---	---	---	2.6	37.7	26.8	95.5	76.7	64.1
MAX	0.00	---	---	---	---	---	48	57	39	130	115	100
MIN	0.00	---	---	---	---	---	0.00	25	22	23	48	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	157	2319	1601	5873	4723	3816
CAL YEAR 2008	MAX	135.0	MIN	0.000	AC-FT	19640						
WTR YEAR 2009	MAX	130.0	MIN	0.000	AC-FT	18490						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 4 from Middle Loup River, 00093000

LOCATION.--SW1/4SW1/4 Sec. 31-18-16 W. near Comstock

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	28	52	35	71	98
2	---	---	---	---	---	---	0.00	31	52	42	76	99
3	---	---	---	---	---	---	0.00	31	48	48	78	98
4	---	---	---	---	---	---	0.00	64	50	49	92	83
5	---	---	---	---	---	---	0.00	35	53	49	90	68
6	---	---	---	---	---	---	0.00	31	52	51	81	68
7	---	---	---	---	---	---	0.00	32	52	67	56	69
8	---	---	---	---	---	---	0.00	33	47	75	46	70
9	---	---	---	---	---	---	0.00	35	39	76	46	71
10	---	---	---	---	---	---	0.00	36	38	75	47	75
11	---	---	---	---	---	---	0.00	38	37	77	50	75
12	---	---	---	---	---	---	0.00	38	37	75	64	63
13	---	---	---	---	---	---	0.00	38	37	92	69	55
14	---	---	---	---	---	---	0.00	39	36	100	71	54
15	---	---	---	---	---	---	0.00	39	36	95	60	54
16	---	---	---	---	---	---	0.00	40	37	66	39	54
17	---	---	---	---	---	---	0.00	40	37	60	33	56
18	---	---	---	---	---	---	0.00	40	36	61	29	55
19	---	---	---	---	---	---	0.00	41	34	65	28	55
20	---	---	---	---	---	---	0.00	46	34	77	37	56
21	---	---	---	---	---	---	0.00	45	35	82	49	52
22	---	---	---	---	---	---	0.00	48	35	98	49	49
23	---	---	---	---	---	---	0.00	50	34	98	47	25
24	---	---	---	---	---	---	0.00	51	33	102	56	1.9
25	---	---	---	---	---	---	0.00	51	31	106	63	0.00
26	---	---	---	---	---	---	0.00	46	30	105	77	0.00
27	---	---	---	---	---	---	0.00	41	30	106	85	0.00
28	---	---	---	---	---	---	0.00	39	30	107	80	0.00
29	---	---	---	---	---	---	0.00	45	31	107	87	0.00
30	---	---	---	---	---	---	12	51	33	106	87	0.00
31	---	---	---	---	---	---	---	54	---	101	96	---
TOTAL	0	0	0	0	0	0	12	1276	1166	2453	1939	1503.9
MEAN	0.000	---	---	---	---	---	0.42	41.1	38.9	79.2	62.5	50.1
MAX	0.00	---	---	---	---	---	12	64	53	107	96	99
MIN	0.00	---	---	---	---	---	0.00	28	30	35	28	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	24	2531	2313	4865	3846	2983
CAL YEAR 2008	MAX	122.0	MIN	0.000	AC-FT	18580						
WTR YEAR 2009	MAX	107.0	MIN	0.000	AC-FT	16560						

**PLATTE RIVER BASIN
(Loup River)**

FARWELL (SHERMAN FEEDER) CANAL from Middle Loup River, 00047000

LOCATION.--NE1/4SE1/4 Sec. 36-18-17 W. near Comstock

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD OF RECORD.--1963 - present

REMARKS.--Total diversion includes 146 A.F. delivered to Middle Loup Canal No. 4

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	353	128	285	406	358
2	---	---	---	---	---	---	0.00	359	199	309	407	322
3	---	---	---	---	---	---	0.00	358	321	308	404	327
4	---	---	---	---	---	---	0.00	359	404	306	404	333
5	---	---	---	---	---	---	0.00	350	441	308	404	313
6	---	---	---	---	---	---	0.00	356	438	360	361	316
7	---	---	---	---	---	---	0.00	357	439	438	334	315
8	---	---	---	---	---	---	0.00	357	423	515	329	319
9	---	---	---	---	---	---	0.00	356	407	531	334	328
10	---	---	---	---	---	---	0.00	355	408	505	328	391
11	---	---	---	---	---	---	0.00	353	403	482	329	405
12	---	---	---	---	---	---	0.00	356	376	472	331	408
13	---	---	---	---	---	---	0.00	356	356	505	331	401
14	---	---	---	---	---	---	0.00	358	357	497	342	403
15	---	---	---	---	---	---	75	360	324	471	407	414
16	---	---	---	---	---	---	157	360	308	268	331	200
17	---	---	---	---	---	---	269	357	317	553	332	0.00
18	---	---	---	---	---	---	297	364	309	554	327	0.00
19	---	---	---	---	---	---	334	300	306	553	248	0.00
20	---	---	---	---	---	---	362	260	307	483	179	0.00
21	---	---	---	---	---	---	350	254	309	400	180	0.00
22	---	---	---	---	---	---	339	308	291	402	182	0.00
23	---	---	---	---	---	---	359	338	262	397	179	0.00
24	---	---	---	---	---	---	365	343	242	367	229	0.00
25	---	---	---	---	---	---	362	336	192	370	271	0.00
26	---	---	---	---	---	---	356	334	187	374	217	0.00
27	---	---	---	---	---	---	354	246	195	377	268	0.00
28	---	---	---	---	---	---	357	138	194	387	415	0.00
29	---	---	---	---	---	---	331	109	224	411	426	0.00
30	---	---	---	---	---	---	356	132	252	405	427	0.00
31	---	---	---	---	---	---	---	129	---	409	428	---
TOTAL	0	0	0	0	0	0	5023	9651	9319	13002	10090	5553
MEAN	0.000	---	---	---	---	---	167.4	311.4	310.6	419.4	325.5	185.1
MAX	0.00	---	---	---	---	---	365	364	441	554	428	414
MIN	0.00	---	---	---	---	---	0.00	109	128	268	179	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	9963	19140	18480	25790	20010	11010
CAL YEAR 2008	MAX	658.0	MIN	0.000	AC-FT	128200						
WTR YEAR 2009	MAX	554.0	MIN	0.000	AC-FT	104400						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 4 from Sherman Feeder Canal, 00093200

LOCATION.--SW1/4SW1/4 Sec. 30-17-15 W. near Arcadia

GAGE.--Flow meter

PERIOD OF RECORD.--1986 - present

REMARKS.--This flow diverted by Farwell (Sherman Feeder) Canal

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	0.00	---
2	---	---	---	---	---	---	---	---	---	0.00	---	---
3	---	---	---	---	---	---	---	---	---	0.00	---	---
4	---	---	---	---	---	---	---	---	---	0.00	---	---
5	---	---	---	---	---	---	---	---	---	0.00	---	---
6	---	---	---	---	---	---	---	---	---	0.00	---	---
7	---	---	---	---	---	---	---	---	---	0.00	---	---
8	---	---	---	---	---	---	---	---	---	4.9	---	---
9	---	---	---	---	---	---	---	---	---	15	---	---
10	---	---	---	---	---	---	---	---	---	15	---	---
11	---	---	---	---	---	---	---	---	---	15	---	---
12	---	---	---	---	---	---	---	---	---	15	---	---
13	---	---	---	---	---	---	---	---	---	8.5	---	---
14	---	---	---	---	---	---	---	---	---	0.00	---	---
15	---	---	---	---	---	---	---	---	---	0.00	---	---
16	---	---	---	---	---	---	---	---	---	0.00	---	---
17	---	---	---	---	---	---	---	---	---	0.00	---	---
18	---	---	---	---	---	---	---	---	---	0.00	---	---
19	---	---	---	---	---	---	---	---	---	0.00	---	---
20	---	---	---	---	---	---	---	---	---	0.00	---	---
21	---	---	---	---	---	---	---	---	---	0.00	---	---
22	---	---	---	---	---	---	---	---	---	0.00	---	---
23	---	---	---	---	---	---	---	---	---	0.00	---	---
24	---	---	---	---	---	---	---	---	---	0.00	---	---
25	---	---	---	---	---	---	---	---	---	0.00	---	---
26	---	---	---	---	---	---	---	---	---	0.00	---	---
27	---	---	---	---	---	---	---	---	---	0.00	---	---
28	---	---	---	---	---	---	---	---	---	0.00	---	---
29	---	---	---	---	---	---	---	---	---	0.00	---	---
30	---	---	---	---	---	---	---	---	---	0.00	---	---
31	---	---	---	---	---	---	---	---	---	0.00	---	---
TOTAL	0	0	0	0	0	0	0	0	0	73.4	0	0
MEAN	---	---	---	---	---	---	---	---	---	2.3	0.000	---
MAX	---	---	---	---	---	---	---	---	---	15	0.00	---
MIN	---	---	---	---	---	---	---	---	---	0.00	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146	0.00	0.00
CAL YEAR 2008	MAX	34.0	MIN	0.000	AC-FT	152						
WTR YEAR 2009	MAX	15.0	MIN	0.000	AC-FT	146						

PLATTE RIVER BASIN (Loup River)

SHERMAN RESERVOIR from the Middle Loup River, 06784200

LOCATION.--SW1/4SW1/4 Sec. 36-16-14 W.

GAGE.--Staff gage

PERIOD OF RECORD.--1963 - present

	STORAGE LEVEL			ELEVATION (Feet)			CONTENT (Acre-feet)					
	Top of conservation pool			2,162.3			69,076					
	Top of dead storage pool			2,118.5			3,839					
STORAGE (ACFT), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	56420	55420	53940	52970	51770	51060	49650	56930	69080	68790	60010	53700
2	56170	55420	53940	52720	51770	51060	49650	57430	68790	68790	59500	53210
3	56170	55420	53940	52720	51770	51060	49650	57940	68500	68790	59240	52720
4	55920	55170	53940	52720	51530	50820	49650	58460	68500	68790	58720	52480
5	55920	55170	53700	52720	51530	50820	49190	58980	68500	69080	58200	52480
6	55920	55170	53700	52720	51530	50820	48960	59750	69080	69080	57690	52480
7	56170	55170	53700	52480	51530	50820	48730	60280	69360	69080	57690	52480
8	56170	55170	53700	52480	51530	50820	48730	60810	69360	68790	57430	52720
9	56170	54920	53700	52480	51530	50820	48730	61340	69360	68790	57430	52720
10	55920	54920	53550	52480	51530	50820	48960	61870	69650	68500	57180	52720
11	55920	54920	53550	52480	51530	50580	48730	62400	69650	68650	56930	53210
12	55920	54920	53550	52480	51530	50580	48730	62670	69650	67650	56680	53940
13	56170	54920	53550	52240	51530	50580	48730	63490	69940	67090	56170	54430
14	55920	54920	53700	52240	51530	50580	48730	64040	69940	66810	55670	55170
15	55920	54920	53550	52240	51530	50350	48730	64580	69940	66530	55420	55920
16	55920	54670	53550	52240	51530	50350	48500	64860	69940	66250	56170	56680
17	55920	54670	53210	52240	51530	50350	48730	65400	69940	65960	56420	56930
18	55670	54670	53210	52240	51530	50350	49190	65960	69940	65130	56930	56930
19	55670	54670	53550	52240	51290	50350	49880	66250	69650	65130	57180	56930
20	55670	54670	53210	52240	51290	50350	50110	66810	69650	64860	57430	56930
21	55670	54430	53210	52000	51290	50350	50820	67090	69650	64580	57180	56930
22	55920	54430	53210	52000	51290	50110	51290	67090	69650	64310	57180	56680
23	55920	54430	53210	52000	51290	50110	51770	67650	69650	63760	57180	56420
24	55920	54430	53210	52000	51060	50110	52240	68210	69650	62940	57180	56420
25	55920	54180	53210	52000	51060	50110	52970	68790	69650	62670	57180	56420
26	55670	54180	53210	52000	51060	50110	53550	69370	69360	62140	56680	56420
27	55670	54180	52970	52000	51060	50110	53940	69940	69360	61870	55920	56170
28	55420	54180	52970	51770	51060	49880	55170	70230	69080	61340	55420	56170
29	55420	54180	52970	51770	---	49880	55670	70230	69080	61080	55170	56420
30	55420	54180	52970	51770	---	49880	56420	69650	69080	61080	54670	56420
31	55420	---	52970	51770	---	49880	---	69360	---	60540	54430	---
MEAN	55870	54760	53440	52270	51430	50450	50530	64450	69420	65770	56980	54980
MAX	56420	55420	53940	52970	51770	51060	56420	70230	69940	69080	60010	56930
MIN	55420	54180	52970	51770	51060	49880	48500	56930	68500	60540	54430	52480
CAL YEAR 2008	MEAN	49570	MAX	70230	MIN	27290						
WTR YEAR 2009	MEAN	56730	MAX	70230	MIN	48500						

**PLATTE RIVER BASIN
(Loup River)**

FARWELL "MAIN" CANAL from Sherman Reservoir, 00048000

LOCATION.--NW1/4SW1/4 Sec. 1-15-14 W. below Sherman Reservoir

GAGE.--Continuous stage recorder and six orifice gates

PERIOD OF RECORD.--1964 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	136	109	348	398
2	---	---	---	---	---	---	---	0.00	152	111	342	364
3	---	---	---	---	---	---	---	0.00	165	112	360	310
4	---	---	---	---	---	---	---	0.00	180	134	399	165
5	---	---	---	---	---	---	---	0.00	177	146	424	105
6	---	---	---	---	---	---	---	0.00	177	197	399	99
7	---	---	---	---	---	---	---	0.00	177	249	377	90
8	---	---	---	---	---	---	---	0.00	180	309	314	70
9	---	---	---	---	---	---	---	0.00	177	358	291	64
10	---	---	---	---	---	---	---	0.00	168	393	270	64
11	---	---	---	---	---	---	---	0.00	165	406	287	16
12	---	---	---	---	---	---	---	0.00	162	412	303	0.00
13	---	---	---	---	---	---	---	0.00	162	406	338	0.00
14	---	---	---	---	---	---	---	0.00	162	406	375	0.00
15	---	---	---	---	---	---	---	0.00	162	429	147	0.00
16	---	---	---	---	---	---	---	0.00	165	445	66	0.00
17	---	---	---	---	---	---	---	0.00	165	389	65	0.00
18	---	---	---	---	---	---	---	0.00	162	350	68	0.00
19	---	---	---	---	---	---	---	0.00	152	344	69	0.00
20	---	---	---	---	---	---	---	0.00	145	333	74	0.00
21	---	---	---	---	---	---	---	0.00	145	342	77	0.00
22	---	---	---	---	---	---	---	0.00	141	399	76	0.00
23	---	---	---	---	---	---	---	0.00	139	436	75	0.00
24	---	---	---	---	---	---	---	0.00	133	385	112	0.00
25	---	---	---	---	---	---	---	0.00	126	383	183	0.00
26	---	---	---	---	---	---	---	0.00	126	389	302	0.00
27	---	---	---	---	---	---	---	0.00	126	367	310	0.00
28	---	---	---	---	---	---	---	0.00	126	360	340	0.00
29	---	---	---	---	---	---	---	54	118	354	375	0.00
30	---	---	---	---	---	---	---	95	111	354	384	0.00
31	---	---	---	---	---	---	---	93	---	372	393	---
TOTAL	0	0	0	0	0	0	0	242	4582	10179	7943	1745
MEAN	---	---	---	---	---	---	---	7.8	152.7	328.4	256.2	58.2
MAX	---	---	---	---	---	---	---	95	180	445	424	398
MIN	---	---	---	---	---	---	---	0.00	111	109	65	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	480	9088	20190	15750	3461
CAL YEAR 2008	MAX	467.0	MIN	0.000	AC-FT	48010						
WTR YEAR 2009	MAX	445.0	MIN	0.000	AC-FT	48970						

PLATTE RIVER BASIN (Loup River)

FARWELL "SOUTH" CANAL from Sherman Reservoir, 00049000

LOCATION.--NW1/4SW1/4 Sec. 1-15-14 W. below Sherman Reservoir

GAGE.--Continuous stage recorder and four orifice gates

PERIOD OF RECORD.--1965 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	59	63	249	222
2	---	---	---	---	---	---	---	0.00	60	63	245	214
3	---	---	---	---	---	---	---	0.00	68	63	241	198
4	---	---	---	---	---	---	---	0.00	89	63	249	194
5	---	---	---	---	---	---	---	0.00	97	63	219	166
6	---	---	---	---	---	---	---	0.00	97	80	172	156
7	---	---	---	---	---	---	---	0.00	97	103	130	159
8	---	---	---	---	---	---	---	0.00	97	160	106	149
9	---	---	---	---	---	---	---	0.00	100	201	100	146
10	---	---	---	---	---	---	---	0.00	101	232	125	138
11	---	---	---	---	---	---	---	0.00	101	243	154	39
12	---	---	---	---	---	---	---	0.00	101	241	198	0.00
13	---	---	---	---	---	---	---	0.00	101	253	234	0.00
14	---	---	---	---	---	---	---	0.00	101	253	249	0.00
15	---	---	---	---	---	---	---	0.00	100	249	92	0.00
16	---	---	---	---	---	---	---	0.00	98	257	36	0.00
17	---	---	---	---	---	---	---	0.00	98	214	35	0.00
18	---	---	---	---	---	---	---	0.00	93	201	32	0.00
19	---	---	---	---	---	---	---	0.00	90	201	32	0.00
20	---	---	---	---	---	---	---	0.00	88	224	32	0.00
21	---	---	---	---	---	---	---	0.00	88	232	31	0.00
22	---	---	---	---	---	---	---	0.00	85	261	49	0.00
23	---	---	---	---	---	---	---	0.00	80	267	50	0.00
24	---	---	---	---	---	---	---	0.00	71	182	94	0.00
25	---	---	---	---	---	---	---	0.00	66	151	158	0.00
26	---	---	---	---	---	---	---	0.00	70	148	209	0.00
27	---	---	---	---	---	---	---	0.00	75	138	195	0.00
28	---	---	---	---	---	---	---	0.00	73	145	191	0.00
29	---	---	---	---	---	---	---	36	67	172	191	0.00
30	---	---	---	---	---	---	---	62	63	188	188	0.00
31	---	---	---	---	---	---	---	63	---	240	208	---
TOTAL	0	0	0	0	0	0	0	161	2574	5551	4494	1781
MEAN	---	---	---	---	---	---	---	5.2	85.8	179.1	144.9	59.4
MAX	---	---	---	---	---	---	---	63	101	267	249	222
MIN	---	---	---	---	---	---	---	0.00	59	63	31	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	319	5105	11010	8914	3533
CAL YEAR 2008	MAX	287.0	MIN	0.000	AC-FT	29000						
WTR YEAR 2009	MAX	267.0	MIN	0.000	AC-FT	28880						

PLATTE RIVER BASIN (Loup River)

MUD CREEK near Sweetwater, 06783500

LOCATION.--NE1/4SE1/4 Sec. 3-12-15 W., Buffalo County, Lat. 41° 02' 15", Long. 98° 59' 35", on right bank 10 feet downstream from bridge on State Highway 2, 0.9 mile southeast of Sweetwater, and 11.6 miles upstream from mouth.

DRAINAGE AREA.--707 square miles, approx. 655 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,013.69 feet above sea level.

PERIOD OF RECORD.--July 1946 - present

REMARKS.--Record published by U. S. Geological Survey up to October 1 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge estimated 27,000 cubic feet per second June 22, 1947, gage height 23.20 feet. Peak discharge computed 5,600 cubic feet per second June 24, 1968, gage height 20.07 feet; minimum daily discharge zero at times in 1955, 1956, 2002, 2003.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,440 cubic feet per second June 26, gage height 16.47 feet; minimum daily discharge 14 cubic feet per second estimated February 14.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23	27	27	30e	25e	18e	29	31	24	53	28	22
2	23	26	27	32e	23e	23e	28	30	25	47	29	21
3	23	27	27	32e	17e	25e	27	30	24	44	30	22
4	23	26	21e	27e	19e	28e	28	30	23	43	61	26
5	22	26	18e	23e	23e	30	31	30	26	41	45	25
6	24	27	21e	25e	24e	29	31	30	240	40	39	20
7	25	27	26e	27e	26e	29	32	30	73	39	34	20
8	25	26	25e	28e	29e	29	31	29	292	36	84	19
9	24	26	23e	31e	31e	29	32	28	301	34	81	18
10	28	26	18e	27e	27e	25e	33	27	84	32	80	19
11	26	27	24e	29e	27e	23e	38	27	58	30	71	20
12	24	28	32e	32e	24e	21e	38	27	55	30	32	19
13	29	28	34e	29e	19e	18e	37	30	54	257	27	22
14	26	28	23e	33e	14e	23e	36	30	48	51	25	23
15	26	27	17e	31e	17e	28	33	32	49	37	50	22
16	33	28	17e	27e	19e	27	32	31	337	70	364	21
17	28	27	24e	25e	21e	26	32	30	105	71	216	20
18	25	26	26e	28e	21e	26	33	28	86	38	49	19
19	24	26	23e	31e	22e	26	33	26	113	33	30	18
20	23	26	22e	34e	25e	27	34	25	57	31	25	18
21	23	26	17e	31e	22e	27	32	25	45	29	24	19
22	114	26	25e	31e	26e	27	31	25	43	28	25	20
23	209	26	23e	25e	24e	27	30	25	42	24	25	48
24	159	28	24e	18e	26e	28	29	25	159	21	23	20
25	97	27	25e	17e	30	28	28	27	65	21	24	19
26	78	27	30e	20e	29	27	28	28	1050	22	24	19
27	57	27	28e	17e	31e	28	29	27	305	24	29	20
28	40	27	24e	15e	23e	28	29	26	93	25	22	20
29	31	27	29e	17e	---	27	30	26	82	28	21	19
30	28	27	35e	21e	---	29	32	28	63	25	23	19
31	28	---	26e	25e	---	30	---	25	---	26	22	---
TOTAL	1368	803	761	818	664	816	946	868	4021	1330	1662	637
MEAN	44.1	26.7	24.5	26.5	23.6	26.2	31.5	28.1	134.1	42.9	53.5	21.2
MAX	209	28	35	34	31	30	38	32	1050	257	364	48
MIN	22	26	17	15	14	18	27	25	23	21	21	18
AC-FT	2713	1593	1509	1622	1317	1619	1876	1722	7976	2638	3297	1263
CAL YEAR 2008	TOTAL		17955	MEAN	49.1	MAX	986.0	MIN	16.0	AC-FT	35610	
WTR YEAR 2009	TOTAL		14694	MEAN	40.3	MAX	1050	MIN	14.0	AC-FT	29150	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

TURKEY CREEK near Dannebrog, 06784800

LOCATION.--SW1/4NW1/4 Sec. 26-14-11 W., Howard County, Lat. 41° 09' 24", Long. 98° 33' 22", on left bank 25 feet downstream from State Highway 11 bridge, 2.8 miles north of Dannebrog, and 10 miles above mouth.

DRAINAGE AREA.--66.2 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,870.35 feet above sea level.

PERIOD OF RECORD.--1966 - 1970, 1978 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated record are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,680 cubic feet per second June 14, 1967, gage height 19.21 feet; maximum gage height 19.26 feet June 12, 1983; no flow May 17-20, 1966.

EXTREMES FOR CURRENT YEAR.--Peak discharge 756 cubic feet per second October 23, gage height 13.96 feet; minimum daily discharge 4.4 cubic feet per second October 4 & 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.7	21	15	13	12e	11e	11	13	10	21	39	53
2	4.7	20	14e	12	11e	12	11	11	11	20	31	52
3	4.7	20	12e	11e	11e	12	11	11	10	20	32	88
4	4.4	20	10e	9.1e	11e	14	11	12	10	21	30	108
5	4.4	21	10e	13	14	15	13	12	8.2	21	37	33
6	54	20	12e	12	14	14	11	12	280	19	42	27
7	336	21	12e	12	15	11e	11	12	83	20	53	26
8	41	20	13e	11	15	10e	11	11	31	22	104	22
9	16	19	11e	12	15e	9.3e	12	10	24	25	39	16
10	11	19	11e	8.9e	13e	8.5e	15	10	21	26	60	15
11	10	15e	14	11e	16e	7.1e	13	11	20	29	32	17
12	9.8	12e	15	10e	12e	7.9e	12	11	27	29	32	19
13	88	19e	15	11e	11e	9.6e	12	18	42	31	35	18
14	35	23	14e	8.4e	8.6e	12	12	14	23	31	32	17
15	24	20	12e	6.9e	11e	12	12	12	20	28	133	15
16	17	19	16	7.2e	11e	12	11	11	279	33	338	11
17	13	17	14	8.7e	12e	12	11	10	87	37	185	11
18	12	16	12	9.3e	13e	11	12	10	34	34	33	9.8
19	11	17	12	14e	11e	11	13	10	49	32	31	9.2
20	11	16	10e	19e	12e	11	11	9.7	37	33	35	9.0
21	14	15	8.8e	15e	12e	11	11	9.5	30	33	23	9.6
22	317	15	8.0e	16	11e	12	11	9.2	29	35	20	11
23	592	17	12e	11e	11e	13	11	9.2	34	49	20	13
24	191	16	9.8e	9.4e	14	13	11	11	60	49	19	10
25	47	15	12	14	17	12	11	10	32	37	19	9.1
26	31	16	12	13	16	12	11	62	30	31	26	9.1
27	27	15	13	12	10e	12	11	22	30	33	38	8.6
28	25	15	12	12	8.7e	11	10	14	26	35	40	8.7
29	25	15	12	12	---	11	13	12	25	39	43	8.8
30	24	15	13	9.4e	---	12	14	11	23	39	45	8.6
31	22	---	13	7.6e	---	12	---	10	---	38	51	---
TOTAL	2026.7	529	379.6	350.9	348.3	353.4	350	410.6	1425.2	950	1697	672.5
MEAN	65.4	17.6	12.3	11.3	12.5	11.5	11.7	13.3	47.5	30.6	54.7	22.4
MAX	592	23	16	19	17	15	15	62	280	49	338	108
MIN	4.4	12	8.0	6.9	8.6	7.1	10	9.2	8.2	19	19	8.6
AC-FT	4020	1049	753	696	691	701	694	814	2827	1884	3366	1334
CAL YEAR 2008	TOTAL		12847	MEAN	35.1	MAX	983.0	MIN	4.4	AC-FT	25480	
WTR YEAR 2009	TOTAL		9493	MEAN	26.0	MAX	592.0	MIN	4.4	AC-FT	18830	

e indicates estimated discharge.

PLATTE RIVER BASIN
(Loup River)

TAYLOR-ORD CANAL from North Loup River, 00107000

LOCATION.--NE1/4NE1/4 Sec. 20-21-18 W. near Taylor

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1939 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	65	104	207	145
2	---	---	---	---	---	---	---	0.00	62	117	205	152
3	---	---	---	---	---	---	---	5.6	62	117	198	134
4	---	---	---	---	---	---	---	49	81	119	202	133
5	---	---	---	---	---	---	---	74	76	122	204	141
6	---	---	---	---	---	---	---	42	77	131	205	133
7	---	---	---	---	---	---	---	42	79	152	201	130
8	---	---	---	---	---	---	---	43	77	174	199	126
9	---	---	---	---	---	---	---	42	78	196	186	131
10	---	---	---	---	---	---	---	53	79	194	187	137
11	---	---	---	---	---	---	---	54	73	201	196	131
12	---	---	---	---	---	---	---	52	75	208	201	113
13	---	---	---	---	---	---	---	55	71	211	200	114
14	---	---	---	---	---	---	---	51	77	215	211	113
15	---	---	---	---	---	---	---	52	74	215	202	112
16	---	---	---	---	---	---	---	54	78	213	194	109
17	---	---	---	---	---	---	---	56	72	208	180	117
18	---	---	---	---	---	---	---	57	72	205	170	102
19	---	---	---	---	---	---	---	54	78	205	159	94
20	---	---	---	---	---	---	---	60	75	210	154	89
21	---	---	---	---	---	---	---	69	81	208	153	54
22	---	---	---	---	---	---	---	69	78	208	155	5.0
23	---	---	---	---	---	---	---	67	78	208	152	0.00
24	---	---	---	---	---	---	---	71	80	212	158	0.00
25	---	---	---	---	---	---	---	67	74	208	158	0.00
26	---	---	---	---	---	---	---	66	81	207	150	0.00
27	---	---	---	---	---	---	---	65	75	207	153	0.00
28	---	---	---	---	---	---	---	63	82	210	149	0.00
29	---	---	---	---	---	---	---	65	78	211	152	0.00
30	---	---	---	---	---	---	---	65	97	210	146	0.00
31	---	---	---	---	---	---	---	63	---	210	147	---
TOTAL	0	0	0	0	0	0	0	1625.6	2285	5816	5534	2515
MEAN	0.000	---	---	---	---	---	---	52.5	76.1	187.6	178.5	83.8
MAX	0.00	---	---	---	---	---	---	74	97	215	211	152
MIN	0.00	---	---	---	---	---	---	0.00	62	104	146	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3224	4532	11540	10980	4988
CAL YEAR 2008	MAX	224.0	MIN	0.000	AC-FT	32910						
WTR YEAR 2009	MAX	215.0	MIN	0.000	AC-FT	35260						

**PLATTE RIVER BASIN
(Loup River)**

TAYLOR-ORD CANAL inlet to Mirdan Canal, 00107100

LOCATION.--NW1/4NW1/4 Sec. 35-21-16 W. near Burwell

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 - present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	33	82	143	98
2	---	---	---	---	---	---	---	---	34	95	141	95
3	---	---	---	---	---	---	---	---	34	95	138	92
4	---	---	---	---	---	---	---	---	45	96	130	87
5	---	---	---	---	---	---	---	22	50	95	134	88
6	---	---	---	---	---	---	---	16	50	106	139	90
7	---	---	---	---	---	---	---	17	52	115	144	89
8	---	---	---	---	---	---	---	18	55	129	143	88
9	---	---	---	---	---	---	---	19	56	132	144	88
10	---	---	---	---	---	---	---	23	56	129	141	91
11	---	---	---	---	---	---	---	28	53	124	127	89
12	---	---	---	---	---	---	---	27	58	122	133	84
13	---	---	---	---	---	---	---	27	55	120	126	82
14	---	---	---	---	---	---	---	25	56	119	122	86
15	---	---	---	---	---	---	---	23	58	126	133	88
16	---	---	---	---	---	---	---	22	58	133	140	88
17	---	---	---	---	---	---	---	19	58	135	125	88
18	---	---	---	---	---	---	---	20	53	139	120	87
19	---	---	---	---	---	---	---	18	57	137	121	74
20	---	---	---	---	---	---	---	15	56	135	123	72
21	---	---	---	---	---	---	---	18	56	129	120	66
22	---	---	---	---	---	---	---	23	59	126	119	22
23	---	---	---	---	---	---	---	23	57	122	119	1.9
24	---	---	---	---	---	---	---	28	61	127	111	---
25	---	---	---	---	---	---	---	28	57	131	107	---
26	---	---	---	---	---	---	---	30	60	132	100	---
27	---	---	---	---	---	---	---	32	60	127	102	---
28	---	---	---	---	---	---	---	32	62	124	102	---
29	---	---	---	---	---	---	---	29	62	126	100	---
30	---	---	---	---	---	---	---	35	72	129	102	---
31	---	---	---	---	---	---	---	34	---	129	100	---
TOTAL	0	0	0	0	0	0	0	651	1633	3766	3849	1833.9
MEAN	0.000	---	---	---	---	---	---	24.2	54.4	121.5	124.1	79.8
MAX	0.00	---	---	---	---	---	---	35	72	139	144	98
MIN	0.00	---	---	---	---	---	---	15	33	82	100	1.9
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1291	3239	7470	7634	3637
CAL YEAR 2008	MAX	147.0	MIN	0.000	AC-FT	21020						
WTR YEAR 2009	MAX	144.0	MIN	0.000	AC-FT	23270						

PLATTE RIVER BASIN
(Loup River)

TAYLOR-ORD CANAL outlet from Mirdan Canal, 00107200

LOCATION.--NW1/4NW1/4 Sec. 17-20-15 W. near Elyria

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	50	67	55
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	50	64	58
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	50	69	58
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27	49	73	56
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36	25	50	75	58
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	24	58	74	59
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	24	63	73	58
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	24	63	71	58
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	24	60	71	58
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	24	65	72	58
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	25	69	73	59
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.7	25	68	72	59
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	25	69	73	58
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	25	70	73	60
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	26	73	73	59
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	27	75	70	58
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.3	26	73	68	59
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	73	72	60
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	26	74	73	59
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	27	73	68	57
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	27	74	64	56
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	27	73	62	25
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	27	73	62	4.1
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	27	73	65	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	27	72	60	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	27	75	57	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	27	76	58	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	26	72	57	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	24	27	70	55	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	24	43	69	53	0.00
31	0.00	---	0.00	0.00	---	0.00	---	5.8	---	69	51	---
TOTAL	0	0	0	0	0	0	0	561.94	785	2071	2068	1249.1
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	18.1	26.2	66.8	66.8	41.6
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36	43	76	75	60
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	49	51	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1115	1557	4108	4102	2478
CAL YEAR 2008	TOTAL		5738	MEAN	23.4	MAX	73.0	MIN	0.000	AC-FT	11380	
WTR YEAR 2009	TOTAL		6735	MEAN	18.5	MAX	76.0	MIN	0.000	AC-FT	13360	

**PLATTE RIVER BASIN
(Loup River)**

KENT CANAL from North Loup River, 00076500

LOCATION.--NW1/4SE1/4 Sec. 26-21-17 W., Loup County

GAGE.--Continuous stage recorder and 20 foot Ramp flume

PERIOD OF RECORD.--1995 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	121	0.00	0.00	0.00
2	---	---	---	---	---	---	0.00	0.00	116	0.00	0.00	0.00
3	---	---	---	---	---	---	0.00	0.00	114	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	0.00	115	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	115	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	115	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	6.3	112	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	19	111	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	56	111	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	77	96	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	77	72	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	78	71	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	79	69	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	99	69	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	117	28	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	129	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	131	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	143	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	147	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	149	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	150	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	150	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	148	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	148	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	146	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	146	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	148	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	147	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	148	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	148	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	128	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	2914.3	1435	0	0	0
MEAN	---	---	---	---	---	---	0.000	94.0	47.8	0.000	0.000	0.000
MAX	---	---	---	---	---	---	0.00	150	121	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5780	2846	0.00	0.00	0.00
CAL YEAR 2008	MAX	96.0	MIN	0.000	AC-FT	6037						
WTR YEAR 2009	MAX	150.0	MIN	0.000	AC-FT	8627						

**PLATTE RIVER BASIN
(Loup River)**

CALAMUS RIVER near Harrop, 06787000

LOCATION.--NW1/4SE1/4 Sec. 22-23-18 W., Loup County, Lat. 41° 56' 48", Long. 99° 23' 10", on the right bank 44 feet upstream from bridge on U.S. Highway 183, 12.2 miles north of Taylor.

DRAINAGE AREA.--693 square miles, most of which does not contribute directly to surface runoff.

GAGE.--Continuous stage recorder. Gage elevation is about 2,260 feet above sea level from topographic map.

PERIOD OF RECORD.--June 1978 - present (see USGS reports for other non-continuous periods).

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1997. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,380 cubic feet per second May 28, 1995, gage height 4.68 feet; maximum gage height 6.25 feet March 3, 2007 due to backwater from ice; minimum daily discharge 90 cubic feet per second January 7, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 626 cubic feet per second June 18, gage height 5.55 feet; maximum gage height 5.97 feet March 12 due to backwater from ice; minimum daily discharge 205 cubic feet per second estimated January 16.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	233	310	274	289	288	250e	325	357	336	308	291	272
2	231	304	281	295	291	278e	335	364	319	302	282	290
3	235	301	281	299	290	285e	346	395	305	306	276	315
4	238	296	270	220	290	302	347	347	302	323	308	287
5	237	296	268	239	298	309	340	313	301	327	345	282
6	291	297	289	296	309	316	319	301	336	327	325	277
7	322	282	285	289	318	319	336	296	346	319	305	275
8	282	273	290	312	327	313	387	291	336	304	297	274
9	265	277	274	310	292e	312	421	289	362	306	293	273
10	259	284	270	280	289e	302	411	290	372	303	284	292
11	253	299	286	287	297e	283e	392	291	374	300	281	302
12	307	304	280	282	311e	264e	350	293	376	362	279	283
13	441	318	279	267	294e	303	333	352	356	363	282	278
14	416	314	265e	277	282e	307	328	330	436	375	276	274
15	458	303	245e	257e	291e	318	320	303	459	370	304	273
16	415	299	249e	205e	317	324	313	293	537	342	307	271
17	368	302	256e	238e	320	329	302	295	598	325	316	272
18	325	300	259e	266	316	321	318	295	597	306	325	270
19	307	295	248e	266	306	317	351	296	496	297	394	266
20	292	289	251e	268	312	313	360	292	418	294	327	265
21	300	283	240e	278	297	314	357	300	398	323	303	266
22	393	282	228e	281	297	314	342	320	396	300	299	270
23	490	287	257e	272	302	316	313	304	394	294	292	283
24	555	283	283	243e	302	323	296	314	385	294	288	294
25	560	281	270	213e	308	311	279	359	365	288	291	287
26	512	281	279	232e	306	325	281	424	354	282	302	284
27	423	284	281	248e	297	334	274	540	358	281	296	282
28	390	282	294	239e	275e	336	274	522	333	294	291	271
29	350	280	301	243e	---	341	276	462	317	299	283	268
30	331	278	313	263e	---	360	328	401	323	300	277	269
31	317	---	305	296	---	356	---	361	---	296	274	---
TOTAL	10796	8764	8451	8250	8422	9695	9954	10590	11585	9710	9293	8365
MEAN	348.2	292.2	272.5	266.1	300.7	312.9	331.8	341.7	386.2	313.2	299.7	278.9
MAX	560	318	313	312	327	360	421	540	598	375	394	315
MIN	231	273	228	205	275	250	274	289	301	281	274	265
AC-FT	21410	17380	16760	16360	16700	19230	19740	21000	22980	19260	18430	16590
CAL YEAR 2008 TOTAL			103150	MEAN	281.8	MAX	700.0	MIN	177.0	AC-FT	204600	
WTR YEAR 2009 TOTAL			113875	MEAN	312.0	MAX	598.0	MIN	205.0	AC-FT	225900	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

CALAMUS RESERVOIR from Calamus River, 06787300

LOCATION.--NE1/4SW1/4 Sec. 31-22-16 W., Garfield County, Lat. 41° 49' 38", Long. 99° 13', 11", near right bank in control house of outlet works of Calamus Dam on Calamus River, 4 miles upstream from mouth, 5.5 miles northwest of Burwell.

GAGE.--Continuous stage recorder. Gage datum is sea level.

PERIOD OF RECORD.--1985 - present

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	2,244.0	127,400
Top of dead storage pool	2,185.0	817

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	74160	89630	103000	109200	110100	111400	121100	127200	127000	124900	101000	87420
2	74340	90160	103300	109300	110200	111500	121600	127200	126800	124500	100200	86820
3	74300	90600	104100	109400	110200	111700	122000	127400	126700	124000	99470	86620
4	74190	91060	104300	109300	110100	111900	122500	127300	126500	123500	98730	86220
5	74080	91580	104600	109200	110100	112200	123600	127300	126400	122800	97780	85790
6	74190	92090	104800	109300	110100	112400	124100	127500	126800	122200	97220	85480
7	74520	93000	105200	109400	110200	112900	124100	127100	126700	121600	96450	85240
8	74630	92920	105600	109500	110100	113300	124700	127000	126800	121200	95820	85000
9	74660	93250	106300	109600	110300	113700	125100	126600	126500	119900	95100	84890
10	74950	93580	106300	109600	110700	114100	125800	126600	126800	119200	94460	84530
11	75390	94300	106700	109600	110800	114100	125900	126500	126700	118700	93750	84140
12	75900	94710	107100	109800	110900	113900	126200	126400	126500	117400	93250	83950
13	76530	95180	107500	109700	111100	114200	126500	126600	126700	116500	92540	83800
14	77260	95940	108100	109800	111200	114500	126700	126800	126600	115500	91720	83520
15	78120	96160	107800	109500	111200	114500	126500	126500	126600	114600	91140	83290
16	78570	96620	107700	109500	111200	114900	127000	126500	126800	113500	91220	83140
17	79400	97050	107900	109500	111300	115300	127500	126400	126800	113200	90810	82900
18	79700	97610	108000	109600	111300	115300	127500	126400	127100	112500	90440	82710
19	80260	98260	108200	109700	111200	115600	128000	126400	126900	111800	90480	82520
20	80680	98730	108400	109700	111200	115800	127700	126100	126700	111200	90440	82320
21	80950	98900	108400	109800	111100	116200	127600	126100	126500	110600	90200	82400
22	81980	99430	108500	109800	111000	116500	127500	125900	126200	109700	89960	82320
23	83370	99470	108500	109900	110900	116600	127400	126000	125900	108800	89750	82400
24	84260	100100	108600	109700	110900	117300	127500	126100	125800	108000	89430	82480
25	85320	100500	108600	109700	111000	117700	127200	126100	125700	107100	89630	82560
26	86740	101000	108700	109600	111000	118200	127300	126400	125400	106300	89550	82710
27	86980	101500	108700	109700	111400	118700	127200	126500	125600	105500	89270	82830
28	87460	101800	108800	109700	111400	119100	127100	126700	125300	104700	88860	82790
29	88180	102200	108900	109800	---	119600	126900	127000	125200	103900	88620	82710
30	88580	102700	109000	109900	---	120000	127100	127300	125100	103000	88300	82630
31	89180	---	109000	110000	---	121200	---	127100	---	101800	87980	---
MEAN	79640	96330	107100	109600	110800	115300	125900	126700	126400	114100	92700	83870
MAX	89180	102700	109000	110000	111400	121200	128000	127500	127100	124900	101000	87420
MIN	74080	89630	103000	109200	110100	111400	121100	125900	125100	101800	87980	82320

CAL YEAR 2008 MEAN 106800 MAX 128600 MIN 73220
WTR YEAR 2009 MEAN 107300 MAX 128000 MIN 74080

PLATTE RIVER BASIN
(Loup River)

MIRDAN CANAL from Calamus Reservoir, 00100500

LOCATION.--NE1/4NW1/4 Sec. 6-21-16 W. near Burwell

GAGE.--Continuous stage recorder and 30 ft. Parshall flume

PERIOD OF RECORD.--1987 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	236	208	279	435	297
2	---	---	---	---	---	---	0.00	235	215	294	423	315
3	---	---	---	---	---	---	0.00	235	231	288	444	287
4	---	---	---	---	---	---	0.00	233	226	298	483	255
5	---	---	---	---	---	---	0.00	285	205	306	468	193
6	---	---	---	---	---	---	0.00	276	185	352	424	162
7	---	---	---	---	---	---	0.00	292	179	402	380	157
8	---	---	---	---	---	---	0.00	292	174	434	355	161
9	---	---	---	---	---	---	0.00	258	168	457	348	186
10	---	---	---	---	---	---	0.00	237	183	491	342	211
11	---	---	---	---	---	---	0.00	235	210	495	300	192
12	---	---	---	---	---	---	0.00	217	215	487	340	131
13	---	---	---	---	---	---	0.00	201	216	487	372	136
14	---	---	---	---	---	---	0.00	199	215	494	390	141
15	---	---	---	---	---	---	0.00	200	255	510	282	138
16	---	---	---	---	---	---	0.00	202	278	457	231	132
17	---	---	---	---	---	---	0.00	183	280	357	206	99
18	---	---	---	---	---	---	0.00	196	293	353	162	67
19	---	---	---	---	---	---	0.00	215	292	350	136	38
20	---	---	---	---	---	---	22	229	287	406	99	25
21	---	---	---	---	---	---	64	248	285	440	83	3.3
22	---	---	---	---	---	---	147	233	289	485	94	0.00
23	---	---	---	---	---	---	208	200	295	488	99	0.00
24	---	---	---	---	---	---	224	198	293	492	175	0.00
25	---	---	---	---	---	---	233	186	280	450	183	0.00
26	---	---	---	---	---	---	236	181	282	464	194	0.00
27	---	---	---	---	---	---	236	185	277	497	213	0.00
28	---	---	---	---	---	---	237	195	281	496	211	0.00
29	---	---	---	---	---	---	237	203	289	477	187	0.00
30	---	---	---	---	---	0.00	236	189	300	485	173	0.00
31	---	---	---	---	---	0.00	---	185	---	489	238	---
TOTAL	0	0	0	0	0	0	2080	6859	7386	13260	8470	3326.3
MEAN	0.000	---	---	---	---	0.000	69.3	221.3	246.1	427.8	273.3	110.8
MAX	0.00	---	---	---	---	0.00	237	292	300	510	483	315
MIN	0.00	---	---	---	---	0.00	0.00	181	168	279	83	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	4126	13600	14650	26300	16800	6598
CAL YEAR 2008	MAX	527.0	MIN	0.000	AC-FT	85220						
WTR YEAR 2009	MAX	510.0	MIN	0.000	AC-FT	82080						

PLATTE RIVER BASIN (Loup River)

CALAMUS FISH HATCHERY INLET from Calamus Reservoir, 00019800

LOCATION.--NE1/4NW1/4 Sec. 6-21-16 W.

GAGE.--Flow meter

PERIOD OF RECORD.--1994 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	1.0	1.0	2.7	2.9	1.0	8.2	3.9	4.4	9.5	9.3	10
2	3.4	1.0	1.0	2.7	2.9	1.0	8.2	3.7	5.6	10	9.1	11
3	3.4	1.0	1.0	2.7	2.9	1.0	8.0	4.0	6.0	7.4	9.0	10
4	3.4	1.0	1.0	2.7	2.9	2.2	8.0	4.6	6.6	7.4	8.6	9.1
5	3.3	1.0	1.0	2.7	3.0	5.1	8.0	5.9	5.1	7.3	8.5	8.6
6	3.4	1.0	1.0	2.6	3.0	5.8	7.9	6.2	3.9	9.0	8.8	8.6
7	3.4	1.0	1.0	2.7	3.0	5.8	8.9	7.4	3.6	12	9.2	8.5
8	3.3	1.0	1.0	2.6	3.0	5.7	12	8.7	3.0	13	9.0	10
9	3.9	1.0	1.0	2.7	2.9	6.7	15	8.2	3.6	11	8.9	11
10	4.7	1.0	1.7	2.6	2.9	8.4	15	8.3	11	11	8.2	12
11	4.7	1.0	3.1	2.7	2.9	8.5	15	8.0	11	11	11	10
12	4.7	1.0	2.4	2.7	2.9	8.2	15	8.8	9.9	11	12	12
13	4.7	1.0	2.8	2.7	2.8	8.1	15	15	9.1	12	11	12
14	4.8	1.0	2.8	2.7	2.8	8.2	14	15	9.1	12	8.9	12
15	4.7	1.0	2.7	2.7	2.8	8.1	13	9.9	9.0	9.9	8.6	12
16	4.1	1.0	2.7	2.7	2.8	8.0	11	6.5	8.6	8.7	8.6	9.6
17	3.1	1.0	2.8	2.7	2.8	8.5	11	4.5	9.1	8.8	8.6	7.7
18	3.1	1.0	2.8	2.6	2.8	9.5	4.8	3.8	12	8.7	8.7	11
19	3.1	1.0	2.7	2.6	2.2	10	8.6	3.0	15	8.8	8.7	7.8
20	3.1	1.0	2.8	2.7	1.1	10	19	6.0	15	8.8	9.0	8.1
21	3.1	1.0	2.8	3.0	0.90	9.7	13	12	14	10	9.9	10
22	3.2	1.0	2.8	2.9	0.90	8.7	12	12	10	12	9.6	12
23	3.2	1.0	2.8	2.9	0.90	8.8	10	12	8.0	13	9.8	11
24	3.2	0.00	2.8	2.9	0.90	8.7	9.3	12	9.9	14	12	9.0
25	3.0	0.00	2.7	2.9	0.90	8.6	11	13	10	12	11	12
26	2.9	1.0	2.8	3.0	0.90	8.5	9.9	13	8.5	11	10	12
27	2.8	1.0	2.7	3.0	0.90	8.4	8.6	13	4.7	11	9.7	11
28	2.8	1.0	2.7	2.9	0.90	8.4	8.0	14	4.3	11	8.9	12
29	2.9	1.0	2.8	2.9	---	8.5	7.8	15	4.7	11	7.3	11
30	2.9	1.0	2.7	3.0	---	8.3	6.4	10	5.1	11	7.7	9.6
31	2.9	---	2.7	3.0	---	8.4	---	5.1	---	10	9.3	---
TOTAL	105.2	28	68.6	85.9	62.5	224.8	321.6	272.5	239.8	323.3	288.9	310.6
MEAN	3.4	0.93	2.2	2.8	2.2	7.3	10.7	8.8	8.0	10.4	9.3	10.3
MAX	4.8	1.0	3.1	3.0	3.0	10	19	15	15	14	12	12
MIN	0.00	0.00	1.0	2.6	0.90	1.0	4.8	3.0	3.0	7.3	7.3	7.7
AC-FT	209	56	136	170	124	446	638	540	476	641	573	616
CAL YEAR 2008	TOTAL		2983	MEAN	8.1	MAX	22.0	MIN	0.000	AC-FT	5916	
WTR YEAR 2009	TOTAL		2332	MEAN	6.4	MAX	19.0	MIN	0.000	AC-FT	4625	

PLATTE RIVER BASIN
(Loup River)

INLET TO DAVIS CREEK RESERVOIR from Mirdan Canal, 00088500

LOCATION.--SE1/4NE1/4 Sec. 15-17-13 W. near North Loup

GAGE.--Continuous stage recorder and modified Parshall Flume

PERIOD OF RECORD.--1991 to present

DISCHARGE (CFS), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197	217	219	139	17
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198	218	218	150	9.8
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189	216	217	148	27
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188	206	212	136	25
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188	206	210	136	29
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183	225	206	144	27
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	184	230	196	166	25
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195	228	184	184	20
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200	227	155	189	25
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	201	226	140	191	22
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	225	151	150	14
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209	225	154	118	16
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	225	143	107	14
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213	224	130	102	8.1
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	223	121	114	21
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	224	137	141	31
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	220	164	141	18
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	211	217	176	87	8.5
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209	221	173	53	23
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	194	221	159	37	34
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186	222	136	26	37
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199	222	129	29	46
23	0.00	0.00	0.00	0.00	0.00	0.00	21	210	221	158	27	48
24	0.00	0.00	0.00	0.00	0.00	0.00	119	216	222	185	19	46
25	0.00	0.00	0.00	0.00	0.00	0.00	171	212	223	185	34	41
26	0.00	0.00	0.00	0.00	0.00	0.00	177	221	224	187	31	39
27	0.00	0.00	0.00	0.00	0.00	0.00	173	229	223	179	17	39
28	0.00	0.00	0.00	0.00	0.00	0.00	176	224	222	172	16	37
29	0.00	0.00	0.00	0.00	---	0.00	187	223	222	160	21	35
30	0.00	0.00	0.00	0.00	---	0.00	190	221	222	146	23	16
31	0.00	---	0.00	0.00	---	0.00	---	217	---	139	23	---
TOTAL	0	0	0	0	0	0	1214	6353	6647	5241	2899	798.4
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	40.5	204.9	221.5	169.1	93.5	26.7
MAX	0.00	0.00	0.00	0.00	0.00	0.00	190	229	230	219	191	48
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183	206	121	16	8.1
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2408	12600	13180	10400	5750	1584
CAL YEAR 2008	TOTAL		22657	MEAN	82.4	MAX	243.0	MIN	0.000	AC-FT	44940	
WTR YEAR 2009	TOTAL		23152	MEAN	63.4	MAX	230.0	MIN	0.000	AC-FT	45920	

PLATTE RIVER BASIN (Loup River)

DAVIS CREEK RESERVOIR from Calamus Reservoir via Mirdan Canal, 06789400

LOCATION.--NW1/4SW1/4 Section 30-17-12 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of irrigation pool	2076.0	31,158
Top of inactive pool	2003.0	172
Top of dead storage pool	1998.5	76

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10480	10560	10330	10120	9900	9730	9400	11640	19910	27970	23110	15330
2	10470	10550	10320	10120	9900	9720	9420	12000	20140	28240	22890	14860
3	10460	10550	10310	10110	9890	9700	9400	12400	20360	28450	22720	14440
4	10450	10550	10300	10100	9880	9700	9400	12780	20600	28630	22350	14040
5	10440	10540	10290	10090	9870	9700	9400	13070	20830	28780	21790	13700
6	10440	10530	10280	10080	9860	9710	9390	13350	21200	28940	21420	13290
7	10560	10520	10270	10070	9860	9700	9330	13540	21480	28960	21260	12840
8	10550	10510	10260	10060	9860	9700	9340	13780	21760	28860	21350	12500
9	10540	10500	10260	10060	9860	9700	9340	14030	22030	28580	21470	12040
10	10540	10480	10260	10050	9860	9670	9350	14330	22310	28070	21580	11800
11	10540	10530	10250	10040	9860	9660	9340	14590	22560	27740	21670	11450
12	10540	10520	10250	10040	9860	9650	9340	14880	22860	27430	21660	11130
13	10540	10520	10240	10030	9860	9640	9330	15160	23170	27050	21540	10790
14	10550	10510	10230	10020	9860	9630	9320	15380	23460	26730	21350	10440
15	10540	10500	10220	10010	9850	9620	9310	15650	23720	26350	21230	10140
16	10540	10490	10220	9990	9850	9620	9300	15880	24170	25980	21240	9880
17	10530	10480	10220	9990	9840	9610	9290	16140	24340	25730	21100	9590
18	10520	10470	10230	9980	9830	9590	9280	16370	24600	25820	20950	9380
19	10510	10460	10230	9980	9820	9580	9280	16660	24880	25890	20720	9130
20	10500	10450	10220	9970	9810	9570	9280	16880	25110	25980	20400	8970
21	10480	10440	10210	9960	9800	9550	9260	17080	25450	25850	20000	8840
22	10520	10420	10200	9960	9800	9540	9260	17330	25720	25750	19670	8750
23	10560	10410	10180	9950	9790	9520	9250	17500	25980	25160	19320	8750
24	10600	10400	10180	9950	9780	9500	9370	17770	26240	24870	18860	8730
25	10590	10390	10170	9940	9770	9480	9725	18030	26500	24700	18510	8750
26	10580	10380	10170	9930	9760	9490	10040	18340	26790	24540	18080	8840
27	10570	10370	10160	9930	9750	9480	10260	18600	27020	24360	17640	8890
28	10570	10360	10150	9920	9740	9480	10580	18880	27230	24140	17240	8980
29	10560	10350	10140	9920	---	9470	11010	19150	27470	23880	16790	9040
30	10560	10340	10130	9910	---	9460	11330	19400	27740	23600	16320	9110
31	10560	---	10130	9910	---	9450	---	19660	---	23330	15770	---
MEAN	10530	10470	10230	10010	9835	9601	9564	15810	23850	26460	20320	10810
MAX	10600	10560	10330	10120	9900	9730	11330	19660	27740	28960	23110	15330
MIN	10440	10340	10130	9910	9740	9450	9250	11640	19910	23330	15770	8730
CAL YEAR 2008	MEAN	13840	MAX	30380	MIN	8940						
WTR YEAR 2009	MEAN	14000	MAX	28960	MIN	8730						

PLATTE RIVER BASIN
(Loup River)

FULLERTON CANAL from Davis Creek Reservoir, 00054700

LOCATION.--SW1/4SW1/4 Sec. 30-17-13 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	67	62	238	244
2	---	---	---	---	---	---	---	0.00	66	72	230	242
3	---	---	---	---	---	---	---	0.00	66	82	300	241
4	---	---	---	---	---	---	---	0.00	66	88	347	241
5	---	---	---	---	---	---	---	24	67	90	346	240
6	---	---	---	---	---	---	---	45	68	139	299	240
7	---	---	---	---	---	---	---	45	67	197	206	227
8	---	---	---	---	---	---	---	45	67	268	132	215
9	---	---	---	---	---	---	---	46	65	307	133	201
10	---	---	---	---	---	---	---	47	63	313	133	192
11	---	---	---	---	---	---	---	48	63	286	133	198
12	---	---	---	---	---	---	---	58	63	277	142	196
13	---	---	---	---	---	---	---	62	63	276	167	195
14	---	---	---	---	---	---	---	62	63	276	190	175
15	---	---	---	---	---	---	---	62	63	289	198	163
16	---	---	---	---	---	---	---	62	63	310	197	163
17	---	---	---	---	---	---	---	62	63	147	197	148
18	---	---	---	---	---	---	---	63	63	112	197	132
19	---	---	---	---	---	---	---	64	63	112	196	121
20	---	---	---	---	---	---	---	65	63	165	196	116
21	---	---	---	---	---	---	---	65	63	180	195	85
22	---	---	---	---	---	---	---	65	63	316	194	66
23	---	---	---	---	---	---	---	65	63	344	203	56
24	---	---	---	---	---	---	---	65	62	307	214	32
25	---	---	---	---	---	---	---	66	63	245	229	6.2
26	---	---	---	---	---	---	---	66	63	240	249	0.00
27	---	---	---	---	---	---	---	66	63	262	248	0.00
28	---	---	---	---	---	---	---	66	63	274	247	0.00
29	---	---	---	---	---	---	---	66	63	274	247	0.00
30	---	---	---	---	---	---	0.00	66	63	268	246	0.00
31	---	---	---	---	---	---	---	66	---	261	245	---
TOTAL	0	0	0	0	0	0	0	1582	1921	6839	6694	4135.2
MEAN	0.000	---	---	---	---	---	0.000	51.0	63.8	220.6	215.9	137.9
MAX	0.00	---	---	---	---	---	0.00	66	68	344	347	244
MIN	0.00	---	---	---	---	---	0.00	0.00	62	62	132	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3138	3810	13560	13280	8202
CAL YEAR 2008	MAX	380.0	MIN	0.000	AC-FT	38860						
WTR YEAR 2009	MAX	347.0	MIN	0.000	AC-FT	41990						

PLATTE RIVER BASIN (Loup River)

CALAMUS RIVER near Burwell, 06787500

LOCATION.--NW1/4NW1/4 Sec. 9-21-16 W., Garfield County, Lat. 41° 48' 35", Long. 99° 10' 56", on left bank 20 feet downstream from highway bridge, 1.5 mile upstream from mouth, and 3 miles north west of Burwell and 1.1 mile downstream from the Calamus Dam.

DRAINAGE AREA.--1,060 square miles, of which 110 square miles contribute directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,152.48 feet above sea level.

PERIOD OF RECORD.--October 1940 - present (non-recording gage up to April 21, 1945).

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1995. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,790 cubic feet per second May 4, 1964, gage height 7.35 feet; maximum gage height 8.90 feet January 26, 1967 due to backwater from ice; minimum daily discharge 13 cubic feet per second April 27, 1986, due to temporary closure of Calamus Dam.

EXTREMES FOR CURRENT YEAR.--Peak discharge 554 cubic feet per second February 13, gage height 2.55 feet; maximum gage height estimated 3.65 feet due to backwater from ice conditions; minimum daily discharge 77 cubic feet per second November 17.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	81	131	135	284	320	268	129	124	245	207	287	271
2	248	130	135	284	327	269	127	122	202	272	271	267
3	250	131	134	283	332	268	131	124	153	284	269	302
4	253	132	134	282	331	224	134	125	129	305	271	274
5	254	130	136	280	329	201	147	126	122	309	293	272
6	257	130	134	280	330	202	137	133	124	305	323	276
7	254	128	135	284	328	204	132	126	173	302	324	279
8	255	129	134	287	328	203	129	148	224	282	305	271
9	175	131	133	299	332	224	134	134	228	278	298	264
10	126	132	135	308	339	236	208	130	267	276	293	279
11	130	132	134	305	345	242	258	128	281	275	271	289
12	132	131	135	306	346	236	258	131	291	293	258	281
13	131	131	134	315	352	235	238	153	287	326	268	280
14	132	130	123e	315	351	236	226	137	293	328	272	274
15	132	131	87e	318	351	235	231	135	245	338	277	275
16	133	132	133e	316	350	232	229	126	200	298	283	268
17	133	77	215e	316	349	231	291	127	243	289	320	265
18	135	80	255	313	348	214	318	125	320	283	309	263
19	135	132	252	312	347	205	330	126	344	271	309	266
20	136	132	252	313	347	205	321	132	327	264	326	267
21	130	134	253	316	346	204	292	133	323	273	331	267
22	127	133	258	319	345	204	232	132	248	276	322	270
23	127	133	263	322	345	204	189	131	215	265	314	268
24	128	132	270	322	336	182	180	132	187	258	284	270
25	127	133	277	321	271	140	148	132	151	248	276	274
26	127	135	276	321	214	127	132	135	136	244	283	271
27	128	136	276	321	244	126	138	133	125	234	281	272
28	131	136	276	321	268	126	125	126	124	249	279	273
29	131	135	277	318	---	127	124	150	125	308	277	270
30	130	134	279	320	---	127	130	224	127	324	275	270
31	130	---	282	320	---	138	---	246	---	323	273	---
TOTAL	4898	3853	6052	9521	9151	6275	5798	4286	6459	8787	9022	8188
MEAN	158.0	128.4	195.3	307.1	326.8	202.4	193.3	138.2	215.4	283.5	291.0	272.9
MAX	257	136	282	322	352	269	330	246	344	338	331	302
MIN	81	77	87	280	214	126	124	122	122	207	258	263
AC-FT	9715	7642	12000	18880	18150	12450	11500	8501	12810	17430	17890	16240
CAL YEAR 2008	TOTAL		80868	MEAN	221.0	MAX	523.0	MIN	77.0	AC-FT	160400	
WTR YEAR 2009	TOTAL		82290	MEAN	225.5	MAX	352.0	MIN	77.0	AC-FT	163200	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

BURWELL-SUMTER CANAL from North Loup River, 00108000

LOCATION.--NE1/4NW1/4 Sec. 19-21-15 W. near Burwell

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1939 - present

REMARKS.--Records for 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	59	64	116	71
2	---	---	---	---	---	---	---	0.00	56	59	117	71
3	---	---	---	---	---	---	---	0.00	55	59	115	72
4	---	---	---	---	---	---	---	0.00	57	59	109	71
5	---	---	---	---	---	---	---	0.00	59	62	116	72
6	---	---	---	---	---	---	---	46	61	78	114	72
7	---	---	---	---	---	---	---	100	60	113	112	72
8	---	---	---	---	---	---	---	46	59	105	109	72
9	---	---	---	---	---	---	---	47	59	105	110	71
10	---	---	---	---	---	---	---	42	59	108	107	74
11	---	---	---	---	---	---	---	46	60	106	100	73
12	---	---	---	---	---	---	---	49	61	103	100	68
13	---	---	---	---	---	---	---	51	53	110	95	66
14	---	---	---	---	---	---	---	48	55	113	97	63
15	---	---	---	---	---	---	---	43	46	111	102	54
16	---	---	---	---	---	---	---	42	43	119	97	48
17	---	---	---	---	---	---	---	42	37	118	95	47
18	---	---	---	---	---	---	---	42	52	120	79	47
19	---	---	---	---	---	---	---	42	47	120	72	48
20	---	---	---	---	---	---	---	45	40	119	64	47
21	---	---	---	---	---	---	---	48	38	121	63	33
22	---	---	---	---	---	---	---	48	36	119	63	14
23	---	---	---	---	---	---	---	49	38	119	66	0.00
24	---	---	---	---	---	---	---	48	41	117	66	0.00
25	---	---	---	---	---	---	---	50	40	116	68	0.00
26	---	---	---	---	---	---	---	46	42	119	66	0.00
27	---	---	---	---	---	---	---	52	44	116	67	0.00
28	---	---	---	---	---	---	---	57	45	116	68	0.00
29	---	---	---	---	---	---	---	56	48	122	68	0.00
30	---	---	---	---	---	---	---	59	64	116	69	0.00
31	---	---	---	---	---	---	---	59	---	115	69	---
TOTAL	0	0	0	0	0	0	0	1303	1514	3247	2759	1326
MEAN	0.000	---	---	---	---	---	---	42.0	50.5	104.7	89.0	44.2
MAX	0.00	---	---	---	---	---	---	100	64	122	117	74
MIN	0.00	---	---	---	---	---	---	0.00	36	59	63	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2584	3003	6440	5472	2630
CAL YEAR 2008	MAX	117.0	MIN	0.000	AC-FT	18950						
WTR YEAR 2009	MAX	122.0	MIN	0.000	AC-FT	20130						

PLATTE RIVER BASIN (Loup River)

NORTH LOUP RIVER at Ord, 06788500

LOCATION.--SW1/4NW1/4 Sec. 22-19-14 W., Valley County, Lat. 41° 36' 27", Long. 98° 55' 17", on right bank 150 feet downstream from bridge on State Highway 70 at Ord.

DRAINAGE AREA.--3,760 square miles, of which 702 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,012.14 feet above sea level.

PERIOD OF RECORD.--Nov. 1936 - Sep. 1938, (published as "near Ord"), June 1952 - present

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,100 cubic feet per second June 2, 1962, gage height 5.52 feet; maximum gage height 6.74 feet February 11, 1993 due to backwater from ice; minimum daily discharge 100 cubic feet per second January 3, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,480 cubic feet per second June 15, gage height 3.94 feet; maximum gage height 3.96 feet January 31 due to backwater from ice; minimum daily discharge 110 cubic feet per second estimated December 15.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	509	855	880	875e	1070e	882	872	938	824	694	754	884
2	870	870	889	925e	1050e	1010	845	926	837	779	722	871
3	985	912	875	875e	1030e	1160	892	887	739	773	706	955
4	987	950	921	940e	1100e	1210	916	896	673	789	716	917
5	999	967	812	994e	1250e	1120	996	777	585	1740	742	841
6	1110	1050	823	1050e	1450e	1050	1010	766	627	1350	779	853
7	1240	1030	826	1080e	1410	1050	948	752	678	1230	887	862
8	1150	958	867	1100e	1290	1010	990	709	841	1100	852	867
9	1030	862	795	1080e	1380	1040	1010	768	877	875	812	832
10	743	902	726	1020e	1420	940	1230	666	930	815	855	855
11	755	995	761	1070e	1450	842	1220	650	1000	748	810	948
12	855	1030	855	1020e	1430	847	1200	630	1130	712	772	995
13	1570	1050	927	950e	1410	1000	1150	668	1240	702	744	963
14	1510	1020	508e	900e	1370	965	1120	693	1100	706	746	953
15	1230	1040	110e	850e	1290	1050	1130	638	1870	685	849	929
16	1070	1010	222e	910e	1340	1070	1130	593	1870	725	1020	931
17	986	940	500e	970e	1270	1020	1140	558	1470	779	899	903
18	943	879	650e	1050e	1290	1060	1230	529	1460	832	1110	873
19	952	1050	625e	1060e	1310	1030	1260	505	1420	735	1120	862
20	955	1050	615e	1080e	1290	1050	1400	507	1410	681	1120	858
21	988	1060	550e	1120e	1230	1060	1380	504	1270	713	1070	875
22	1500	1020	510e	1150e	1170	1060	1250	514	1130	664	997	1040
23	1710	1010	550e	1100e	1190	1070	1120	604	960	659	928	1070
24	1450	988	625e	1050e	1150	1090	1030	561	1100	650	898	1050
25	1130	981	700e	1010e	1130	1030	1020	684	923	642	1670	1070
26	979	971	750e	960e	1110	898	1020	797	868	624	993	1110
27	931	1000	740e	920e	1100	935	969	944	849	628	921	1050
28	873	989	800e	890e	1010	859	955	914	777	634	892	1030
29	845	977	850e	950e	---	878	916	751	732	683	897	1020
30	824	915	830e	978e	---	867	895	743	719	754	893	999
31	842	---	820e	1100e	---	925	---	822	---	795	890	---
TOTAL	32521	29331	21912	31027	34990	31078	32244	21894	30909	24896	28064	28266
MEAN	1049	978.0	706.8	1001	1250	1003	1074	706.2	1030	803.0	905.3	942.0
MAX	1710	1060	927	1150	1450	1210	1400	944	1870	1740	1670	1110
MIN	509	855	110	850	1010	842	845	504	585	624	706	832
AC-FT	64500	58180	43460	61540	69400	61640	63960	43430	61310	49380	55660	56060
CAL YEAR 2008	TOTAL		340627	MEAN	930.7	MAX	3090	MIN	110.0	AC-FT	675600	
WTR YEAR 2009	TOTAL		347132	MEAN	951.0	MAX	1870	MIN	110.0	AC-FT	688500	

e indicates estimated discharge.

PLATTE RIVER BASIN
(Loup River)

ORD-NORTH LOUP CANAL from North Loup River, 00109000

LOCATION.--NW1/4NE1/4 Sec. 36-14-19 W. near Ord

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1939 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	45	46	91	81
2	---	---	---	---	---	---	---	0.00	43	49	94	80
3	---	---	---	---	---	---	---	0.00	42	48	94	83
4	---	---	---	---	---	---	---	0.00	44	52	95	73
5	---	---	---	---	---	---	---	0.00	43	52	94	66
6	---	---	---	---	---	---	---	0.00	45	55	97	67
7	---	---	---	---	---	---	---	0.00	43	58	90	62
8	---	---	---	---	---	---	---	0.00	42	58	77	45
9	---	---	---	---	---	---	---	0.00	43	66	73	43
10	---	---	---	---	---	---	---	0.00	42	77	70	44
11	---	---	---	---	---	---	---	16	44	86	69	43
12	---	---	---	---	---	---	---	57	43	83	68	42
13	---	---	---	---	---	---	---	37	44	101	68	41
14	---	---	---	---	---	---	---	22	45	111	70	43
15	---	---	---	---	---	---	---	21	47	105	70	45
16	---	---	---	---	---	---	---	21	40	98	60	44
17	---	---	---	---	---	---	---	22	39	79	52	43
18	---	---	---	---	---	---	---	23	44	80	47	33
19	---	---	---	---	---	---	---	22	46	80	41	25
20	---	---	---	---	---	---	---	23	46	79	30	27
21	---	---	---	---	---	---	---	21	44	86	32	24
22	---	---	---	---	---	---	---	23	42	96	34	14
23	---	---	---	---	---	---	---	24	45	97	41	0.00
24	---	---	---	---	---	---	---	22	46	83	45	0.00
25	---	---	---	---	---	---	---	22	46	84	44	0.00
26	---	---	---	---	---	---	---	23	45	87	47	0.00
27	---	---	---	---	---	---	---	21	44	88	67	0.00
28	---	---	---	---	---	---	---	23	45	87	81	0.00
29	---	---	---	---	---	---	---	23	47	90	81	0.00
30	---	---	---	---	---	---	---	26	48	98	79	0.00
31	---	---	---	---	---	---	---	38	---	94	83	---
TOTAL	0	0	0	0	0	0	0	530	1322	2453	2084	1068
MEAN	0.000	---	---	---	---	---	---	17.2	44.0	79.1	67.3	35.7
MAX	0.00	---	---	---	---	---	---	57	48	111	97	83
MIN	0.00	---	---	---	---	---	---	0.00	39	46	30	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1051	2622	4865	4134	2118
CAL YEAR 2008	MAX	123.0	MIN	0.000	AC-FT	17240						
WTR YEAR 2009	MAX	111.0	MIN	0.000	AC-FT	14790						

PLATTE RIVER BASIN (Loup River)

MIRA CREEK near North Loup, 06788988

LOCATION.--NW1/4SE1/4 Sec. 27-18-13 W., Valley County, Lat. 41° 30' 09", Long. 98° 47' 47", on left bank near the half section line road running west from Highway 11, 1.4 mile northwest of North Loup.

DRAINAGE AREA.--65.1 Square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,964.41 feet above sea level.

PERIOD OF RECORD.--1979 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except records above 35 cubic feet per second and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,460 cubic feet per second August 5, 1981, gage height 10.56 feet, based on indirect measurement; no flow at times in 1980-81.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,370 cubic feet per second July 23, gage height 7.32 feet; minimum daily discharge 2.6 cubic feet per second October 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.3	12	7.9	9.1	27	11	7.6	6.5	8.2	13	17	17
2	3.1	11	7.6	8.2	18	13	7.9	6.5	8.1	13	18	18
3	3.0	10	7.3	7.4	15	11	7.2	6.4	8.1	12	22	17
4	2.8	10.0	7.2	6.6	13	10	7.1	6.4	7.9	12	18	17
5	2.6	9.8	7.7	10	12	10	8.8	6.3	7.7	12	21	18
6	5.0	9.8	7.7	8.3	11	9.9	8.2	6.2	100	11	24	19
7	13	10	6.6	7.9	11	9.8	8.4	6.2	46	11	110	18
8	7.0	9.6	6.2	7.9	12	10.0	8.6	6.1	32	11	32	17
9	6.1	9.0	5.6	8.4	17	10	8.8	6.2	23	10	79	16
10	5.5	9.3	6.1	7.5	23	8.4	9.5	6.2	20	10	33	16
11	5.2	11	5.7	8.9	18	9.9	9.5	6.7	18	11	25	17
12	5.2	13	5.1	8.1	17	9.5	9.5	7.7	19	12	21	19
13	13	12	4.8	8.7	15	9.6	9.5	9.1	22	12	19	17
14	9.3	12	3.9	9.0	13	9.5	9.0	8.4	23	12	17	16
15	8.8	12	8.8	11	12	9.8	8.6	8.3	21	12	18	17
16	8.7	12	7.7	11	11	9.3	8.3	8.2	21	20	22	16
17	8.5	11	6.7	8.9	12	9.7	8.2	7.9	18	18	21	16
18	8.1	10	5.1	9.1	12	9.3	8.4	7.9	20	15	19	15
19	7.7	9.8	6.0e	12	10	9.2	8.5	7.8	18	15	19	14
20	7.3	9.6	6.0e	10	11	9.2	8.4	8.1	16	14	18	13
21	7.3	9.6	6.5e	9.2	9.3	9.1	8.1	8.8	17	14	17	13
22	43	9.6	7.0e	8.8	10	8.9	7.5	8.6	16	35	15	12
23	167	9.2	7.5e	7.1	10	9.3	7.1	8.6	14	741	15	10
24	141	9.0	8.0e	10	9.8	9.4	7.1	8.8	15	311	15	9.0
25	58	8.6	8.5e	9.7	9.5	8.7	7.1	8.9	14	60	16	8.1
26	31	8.1	8.5e	9.3	9.6	9.0	7.3	12	17	30	19	7.3
27	23	7.9	9.0e	8.8	7.1	8.5	7.4	12	17	24	19	6.8
28	19	7.9	8.5e	9.0	9.8	8.1	6.9	11	14	22	18	5.7
29	16	8.1	8.5	9.7	---	8.3	6.4	11	14	20	18	5.3
30	14	8.1	8.7	14	---	9.3	6.5	9.9	14	19	17	5.0
31	13	---	8.9	22	---	8.5	---	9.0	---	18	18	---
TOTAL	665.5	299	219.3	295.6	365.1	295.2	241.4	251.7	609	1550	760	415.2
MEAN	21.4	9.9	7.1	9.6	13.1	9.6	8.1	8.1	20.3	50.1	24.5	13.9
MAX	167	13	9.0	22	27	13	9.5	12	100	741	110	19
MIN	2.6	7.9	3.9	6.6	7.1	8.1	6.4	6.1	7.7	10	15	5.0
AC-FT	1320	593	435	586	724	586	479	499	1208	3074	1507	824
CAL YEAR 2008	TOTAL		6857	MEAN	18.7	MAX	756.0	MIN	2.6	AC-FT	13600	
WTR YEAR 2009	TOTAL		5967	MEAN	16.3	MAX	741.0	MIN	2.6	AC-FT	11840	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

CEDAR RIVER near Spalding, 06791500

LOCATION.--NE1/4NE1/4 Sec. 15-20-10 W., Greeley County, Lat. 41° 42' 41", Long. 98° 26' 48", on left bank 15 feet downstream from county road bridge, 0.4 miles upstream from small tributary and 4.7 miles northwest of Spalding.

DRAINAGE AREA.--762 square miles, approximately 50 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,896.24 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Oct. 1944 - Sep. 1953, Oct. 1957 - present

REMARKS.--Record published by U. S. Geological Survey up to October 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,000 cubic feet per second on June 23, 1947, gage height 7.50 feet; minimum daily discharge 30 cubic feet per second January 30, 1946.

EXTREMES FOR CURRENT YEAR.--Peak discharge 398 cubic feet per second on October 26, gage height 4.40 feet; maximum gage height 5.05 feet March 11 due to backwater from ice conditions; minimum daily discharge 107 cubic feet per second July 26.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	159	212	178	179e	229	178e	224	203	167	153	117	140
2	156	209	178	179e	199	214e	219	208	159	154	113	137
3	161	202	177	170e	221	260e	219	205	153	163	113	141
4	159	192	169	146e	203	275e	216	202	161	154	116	160
5	160	192	185	166e	191	267	235	210	164	153	124	168
6	184	183	184	185e	193	265	211	210	179	152	130	163
7	231	180	176	189e	193	271	213	203	185	144	135	150
8	196	176	166	192e	203	275	230	173	182	141	131	142
9	186	177	169	175e	237	254	266	158	186	143	131	143
10	174	182	186	155e	281	248	306	160	192	143	127	135
11	173	215	187	173e	301	242e	311	186	199	139	127	141
12	178	237	185	181e	324	222	289	182	236	130	128	141
13	224	237	180	168e	312	244	267	202	291	138	124	142
14	226	252	170e	160e	267	238	248	212	279	137	122	142
15	197	258	143e	129e	239	230	235	227	278	127	145	137
16	183	274	116e	160e	220	217	232	207	321	140	172	140
17	173	253	125e	185e	214	242	222	190	282	144	161	133
18	166	231	158e	204e	208	240	220	177	257	133	147	134
19	168	217	145e	221e	204	166	219	176	236	121	177	135
20	160	209	139e	215e	204	200	215	165	216	118	194	131
21	164	186	158e	207	195	208	208	156	228	135	162	131
22	226	192	146e	193	196	205	212	164	214	142	149	138
23	354	186	155e	194	193	217	214	163	202	137	144	151
24	356	186	161e	177e	193	217	210	165	203	121	139	150
25	348	185	169e	167e	196	225	162	166	198	112	228	150
26	385	182	178e	149e	195	223	189	211	188	107	258	147
27	359	190	196e	162e	193	229	209	207	189	115	199	148
28	291	181	188e	183e	180e	235	202	206	172	131	171	144
29	255	190	183e	230e	---	203	212	194	169	140	157	144
30	236	177	185e	257e	---	238	208	186	170	133	146	150
31	222	---	174e	265e	---	245	---	165	---	121	145	---
TOTAL	6810	6143	5209	5716	6184	7193	6823	5839	6256	4221	4632	4308
MEAN	219.7	204.7	168.0	184.3	220.8	232.1	227.3	188.4	208.6	136.2	149.4	143.6
MAX	385	274	196	265	324	275	311	227	321	163	258	168
MIN	156	176	116	129	180	166	162	156	153	107	113	131
AC-FT	13510	12180	10330	11340	12270	14270	13530	11580	12410	8372	9187	8545
CAL YEAR 2008	TOTAL		72856	MEAN	199.1	MAX	788.0	MIN	98.0	AC-FT	144500	
WTR YEAR 2009	TOTAL		69334	MEAN	190.0	MAX	385.0	MIN	107.0	AC-FT	137500	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

CEDAR RIVER near Fullerton, 06792000

LOCATION.--SE1/4SE1/4 Sec. 33-17-6 W., Nance County, Lat. 41° 23' 41", Long. 98° 00' 13", on left upstream bank near county bridge, 3 miles northwest of Fullerton and 7.4 miles upstream from mouth.

DRAINAGE AREA.--1,220 square miles, of which about 480 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,636.39 feet above sea level.

PERIOD OF RECORD.--September 1931 - June 1932, October 1940 - present; non-recording gage before November 5, 1942.

REMARKS.--Record published by U. S. Geological Survey through Sep. 1995. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 64,700 cubic feet per second August 13, 1966, gage height 16.90 ft. (high point on surge); minimum daily discharge 30 cubic feet per second July 18, 1974.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,950 cubic feet per second June 16, gage height 5.19 feet; maximum gage height 5.86 feet February 10 due to backwater from ice conditions; minimum daily discharge 134 cubic feet per second July 12.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	165	283	280	273e	287e	158e	327	301	250	257	197	181
2	160	295	284	301e	271e	230e	315	285	252	241	158	173
3	159	314	278	261e	197e	384e	303	267	244	230	153	172
4	160	318	277	215e	280e	418e	308	279	245	224	138	178
5	157	302	229e	215e	409e	382	329	296	241	244	137	181
6	178	308	231e	218e	464e	345	342	276	410	222	154	200
7	255	301	244e	278e	336e	336	319	284	288	217	220	215
8	296	288	258e	289e	301e	336	307	281	279	191	357	191
9	226	279	234e	288e	373e	335	327	269	292	174	236	182
10	189	283	213e	262e	606e	325	368	235	282	161	314	181
11	182	335	208e	305e	483	241e	400	235	298	148	250	188
12	184	373	235e	266e	384	213e	410	274	336	134	224	206
13	229	385	303e	253e	444	282	409	284	407	143	211	183
14	258	359	324e	213e	222e	323	385	264	458	160	198	191
15	284	351	238e	150e	355e	358	359	264	470	137	218	198
16	253	345	145e	177e	397	329	337	281	1290	220	360	177
17	242	375	163e	262e	362	322	329	255	730	251	783	199
18	238	357	204e	305e	336	332	337	246	466	226	313	190
19	232	345	197e	320e	307	343	316	248	413	187	241	187
20	230	335	202e	348e	319	317	325	237	371	185	287	166
21	243	321	155e	348e	298	252	320	231	345	191	338	173
22	381	320	141e	394e	292	313	301	219	346	177	249	189
23	665	312	182e	345e	332	337	302	245	361	191	208	185
24	537	306	189e	267e	300	351	297	272	320	198	200	191
25	434	296	220e	150e	285	326	282	254	295	170	198	194
26	432	291	264e	165e	339e	403	260	708	310	139	213	187
27	459	285	299e	173e	214e	299	261	344	311	147	356	179
28	437	286	282e	218e	187e	266	281	296	285	189	290	190
29	351	295	302e	220e	---	311	329	275	276	199	235	193
30	317	287	305e	244e	---	306	321	265	264	203	205	189
31	288	---	256e	352e	---	321	---	241	---	206	195	---
TOTAL	8821	9530	7342	8075	9380	9794	9806	8711	11135	5962	7836	5609
MEAN	284.6	317.6	236.8	260.5	334.9	315.9	326.9	281.0	371.3	192.3	252.8	186.9
MAX	665	385	324	394	606	418	410	708	1290	257	783	215
MIN	157	279	141	150	187	158	260	219	241	134	137	166
AC-FT	17500	18900	14560	16020	18600	19430	19450	17280	22090	11830	15540	11130
CAL YEAR 2008	TOTAL		112379	MEAN	307.0	MAX	4310	MIN	116.0	AC-FT	222900	
WTR YEAR 2009	TOTAL		102001	MEAN	279.5	MAX	1290	MIN	134.0	AC-FT	202300	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

LOUP RIVER POWER CANAL RETURN at Columbus, 00082100

LOCATION.--SE1/4SW1/4 Sec. 23-17-1 E., Platte County, Lat. 41° 25' 27", Long. 97° 16' 56", on the left bank 50 feet upstream from the 8th Street bridge over the power canal return near the southeast edge of Columbus, Nebraska.

GAGE.--Continuous stage recorder. Gage datum is 1,400.91 feet above sea level.

PERIOD OF RECORD.--October 1, 2002 - present

REMARKS.--Records are good except estimated records and records below 200 cubic feet per second are poor, and records between 200 and 1,200 cubic feet per second are fair.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,530 cubic feet per second October 29, gage height 13.18 feet; maximum gage height estimated 14.01 feet January 24 due to backwater from ice conditions; minimum daily discharge 35 cubic feet per second March 1 & 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2390	3000	2630	1760	2030	35	1950	2020	2180	2380	1580	1780
2	1600	2710	2410	1820	1850	35	2950	2000	1940	2290	1660	1650
3	1520	2360	737	1850e	2240	433	1690	2180	1950	1950	1660	1740
4	2010	2830	68	1520e	2030	562	1900	1920	1550	1980	1560	1750
5	2070	2540	42	1670	2050	1740	2340	2030	1670	1940	1600	1930
6	2400	2340	38	1670	1970	2390	2250	1950	2170	2090	1630	1930
7	3220	2440	36	1750	2120	2820	2290	1900	2430	2090	1800	1930
8	2680	2490	1040	1660	1840	2690	2250	2000	2750	2140	2220	1750
9	2900	2300	118	1770	1890	2760	1930	1800	2580	2030	2550	1830
10	2450	2570	59	1700	1990	1690	2080	1840	2360	1930	2580	1930
11	2560	2430	40	1660	1500	58	2270	1830	2610	1570	2730	1760
12	2520	2580	149	1870e	1990	43	2200	1900	2410	1600	2380	1970
13	2550	2480	380	1840e	1050	693	2280	1990	2680	1440	2160	1960
14	2890	2350	282	1890e	108	3110	2190	1800	2730	1130	1770	2060
15	2930	3070	48	1660e	328	2620	1930	1990	2750	1560	1670	2150
16	2890	2820	41	1710e	280	2100	1900	1960	2870	1670	2070	2010
17	3030	3020	38	1610e	1600	2070	1830	1810	2890	1700	2660	1700
18	2530	2710	116	2040e	1450	2300	1770	1710	3010	1720	2840	1790
19	2800	2650	455	2000	478	2650	1720	1190	2500	1770	2660	2000
20	2690	2690	946	1960	1470	2180	1820	1640	2430	1890	2700	2100
21	2000	2760	973	1970e	419	2760	1840	1470	2180	1760	2390	1970
22	3120	2850	901	1820e	418	2460	1760	1400	2200	1500	2490	1540
23	3040	2740	1260	1890e	308	2170	1570	1180	2420	1570	2320	2000
24	2730	2900	916	1710e	1170	2710	1890	1510	2720	1670	2220	2330
25	2920	2330	1170	1750e	1630	2610	1280	1540	2130	1940	2480	2280
26	2790	2910	1220	1880e	2200	2810	1780	1970	2610	1600	1910	2180
27	2800	2890	958	1890e	487	2410	2090	2080	2600	997	2630	2110
28	2790	2740	1220	1640	43	2280	2120	2380	2630	1170	2010	2250
29	2600	2840	1300	1610	---	2670	1930	2070	2350	1070	1930	1910
30	2850	2810	1800	1960	---	2500	1820	1670	2240	1290	1980	2140
31	2730	---	1840	1950	---	1880	---	2080	---	1340	1790	---
TOTAL	81000	80150	23231	55480	36939	60239	59620	56810	72540	52777	66630	58430
MEAN	2614	2670	749.4	1789	1320	1943	1987	1833	2419	1702	2149	1948
MAX	3220	3070	2630	2040	2240	3110	2950	2380	3010	2380	2840	2330
MIN	1520	2300	36	1520	43	35	1280	1180	1550	997	1560	1540
AC-FT	160700	159000	46080	110000	73270	119500	118300	112700	143900	104700	132200	115900
CAL YEAR 2008	TOTAL		673033	MEAN	1839	MAX	3220	MIN	36.0	AC-FT	1335000	
WTR YEAR 2009	TOTAL		703846	MEAN	1928	MAX	3220	MIN	35.0	AC-FT	1396000	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

BEAVER CREEK at Loretto, 06793500

LOCATION.--NE1/4SE1/4 Sec. 26-21-7 W., Boone County, Lat. 41° 45' 50", Long. 98° 04' 50", on the left bank 5 feet downstream from county road bridge, at west end of Loretto.

DRAINAGE AREA.--311 square miles, approximately 100 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,785.95 feet above sea level.

PERIOD OF RECORD.--Oct. 1944 - Sep. 1953, Oct. 1979 - present

REMARKS.--Record published by U. S. Geological Survey up to October 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,600 cubic feet per second August 29, 1993, gage height 11.88 feet; minimum daily discharge 12 cubic feet per second July 8, August 8, 9, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 575 cubic feet per second August 25, gage height 4.05 feet; maximum gage height 4.20 feet October 23; minimum daily discharge 41 cubic feet per second estimated January 24 & 25.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	58	113	95	70e	88e	136	110	95	68	68	70	83
2	58	112	92	70e	122e	151	108	94	66	66	90	80
3	58	109	89	62e	135e	124	112	91	65	62	75	78
4	59	107	88	57e	98e	122	99	88	66	62	63	79
5	60	106	76	57e	57e	177	97	87	66	62	60	78
6	63	102	83	59e	78e	201	108	86	71	60	61	74
7	116	104	80	60e	96e	195	102	85	78	54	62	71
8	99	105	76	57e	125e	175	200	80	78	51	65	66
9	82	105	75	54e	182	165	290	76	76	50	62	67
10	77	105	65	54e	301	147	279	76	77	50	60	66
11	74	120	78	46e	269	107	245	75	76	49	58	68
12	73	162	77	46e	235	126	198	75	100	48	56	72
13	93	167	76	44e	198	122	156	77	264	47	55	72
14	126	168	80e	44e	163	121	136	82	251	48	53	70
15	108	161	62e	46e	142	135	122	80	228	48	58	71
16	96	144	70e	49e	128	159	110	78	176	50	226	70
17	88	124	65e	49e	115	153	100	77	147	55	197	71
18	86	119	65e	50e	123	132	94	75	131	51	116	72
19	83	125	67e	52e	121	119	107	75	122	50	109	73
20	80	130	65e	54e	109	109	125	73	117	48	130	72
21	79	129	62e	62e	100	101	104	69	111	46	179	73
22	113	122	62e	65e	87	111	90	69	127	45	136	73
23	338	117	67e	54e	97	129	84	72	113	47	111	76
24	366	114	67e	41e	93	150	79	72	101	47	98	80
25	292	111	70e	41e	105	133	76	72	97	47	391	80
26	222	107	69e	46e	124	118	78	85	91	47	440	81
27	177	104	67e	46e	96	123	83	94	89	50	174	80
28	135	101	69e	52e	57	125	86	82	80	53	127	79
29	124	98	70e	52e	---	130	96	78	74	58	111	81
30	116	96	68e	54e	---	136	103	75	70	56	99	83
31	114	---	67e	54e	---	117	---	72	---	55	90	---
TOTAL	3713	3587	2262	1647	3644	4249	3777	2465	3276	1630	3682	2239
MEAN	119.8	119.5	73.1	53.2	130.1	137.1	126.0	79.5	109.1	52.5	118.9	74.6
MAX	366	168	95	70	301	201	290	95	264	68	440	83
MIN	58	96	62	41	57	101	76	69	65	45	53	66
AC-FT	7365	7115	4487	3267	7228	8428	7492	4889	6498	3233	7303	4441
CAL YEAR 2008	TOTAL		45949	MEAN	125.5	MAX	1580	MIN	48.0	AC-FT	91140	
WTR YEAR 2009	TOTAL		36171	MEAN	99.1	MAX	440.0	MIN	41.0	AC-FT	71740	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

LOUP RIVER at Columbus, 06794500

LOCATION.--SE1/4NW1/4 Sec. 30-17-1 E., Platte County, Lat. 41° 25' 02", Long. 97° 22' 04", on the U.S. Highway 30 & 81 bridge walkway over the Loup River at Columbus, NE.

DRAINAGE AREA.--15,200 square miles, approximately 6,230 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,428.29 feet above sea level.

PERIOD OF RECORD.--Oct. 1894 - Sep. 1915 (Published as "near Columbus" 1900 - 1901), March - Sep. 1931, Oct. 1933 - Sep. 30, 1978, Monthly discharge for some periods, published in USGS WSP 1310; 2009 operated by Nebraska Department of Natural Resources.

REMARKS.--Record published by U. S. Geological Survey through September, 1978. Records are fair, except estimated records are poor. Natural flow of the river is affected by power development, ground water withdrawals and diversions for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 119,000 cubic feet per second August 14, 1966, gage height 14.42 feet, from USGS rating curve extended above 52,100 cubic feet per second by logarithmic plotting and volumetric study; minimum daily discharge 9.4 cubic feet per second July 30, 1974.

EXTREMES FOR CURRENT YEAR.--Peak discharge 13,400 cubic feet per second October 24, gage height 7.09 feet; maximum gage height 9.10 feet February 10 due to backwater from an ice jam; minimum daily discharge 140 cubic feet per second October 4.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	219	657	321	1500e	1300e	1870e	1590	1030	324	315	220	298
2	189	639	318e	1430e	1300e	2430e	1470	835	269	281	241	278
3	168	595	933e	1360e	1300e	2650e	1330	685	268	265	277	288
4	140	723	2420e	1200e	1160e	2490e	1180	724	364	260	236	389
5	185	741	2220e	958e	1250e	3200	1330	625	785	271	210	498
6	189	904	2220e	1200e	1440e	595	1630	647	1170	262	196	609
7	509	1080	2290e	1260e	1720e	497	1440	606	4040	461	323	385
8	3120	1360	2150e	1320e	2250e	750	1350	504	1200	504	413	307
9	1340	1190	2230e	1320e	2850e	760	1480	449	405	320	716	317
10	728	1070	2490e	1230e	3670e	861e	1840	373	284	233	912	294
11	350	1160	2060e	989e	4180e	2740e	2040	327	260	211	778	300
12	291	1640	1750e	981e	3700e	2080e	2060	336	325	203	696	357
13	414	1580	1770e	818e	2840e	1810e	2110	331	491	197	375	372
14	1520	1290	1590e	699e	2900e	543	2050	505	641	200	260	420
15	2880	809	368	688e	2560e	546	1650	397	998	198	460	357
16	2020	934	248	628e	2310e	834	2030	348	2860	331	718	281
17	1280	943	297	688e	2200e	895	1700	320	4600	338	2890	257
18	796	747	374	784e	2050e	803	1960	284	1440	427	2200	221
19	611	890	1010e	861e	2240	874	1680	255	2020	269	1420	223
20	508	806	746e	996e	2520	983	1700	271	2920	294	1120	289
21	501	546	377e	1050e	2110	1070	1980	243	1230	209	895	295
22	1080	574	384e	1180e	2290	1260	1650	341	1040	209	832	288
23	8700	532	738e	1230e	1850	1270	1620	280	941	218	711	616
24	10900	479	1330e	927e	1670	1380	1570	344	574	204	518	501
25	7120	446	1500e	461e	1180	1700	1400	310	430	269	336	1240
26	4420	431	1730e	492e	754	1720	1480	267	555	205	271	770
27	2520	430	1990e	560e	1680e	1270	1320	422	1530	181	1160	609
28	1560	409	1850e	822e	2550e	1110	1130	379	2100	181	1130	455
29	1030	375	1740e	1030e	---	1160	1180	378	871	183	606	551
30	783	335	1720e	1030e	---	1220	1440	733	624	188	523	408
31	682	---	1630e	1270e	---	1260	---	424	---	174	352	---
TOTAL	56753	24315	42794	30962	59824	42631	48390	13973	35559	8061	21995	12473
MEAN	1831	810.5	1381	999.1	2137	1375	1613	450.7	1185	260.0	709.4	415.7
MAX	10900	1640	2490	1500	4180	3200	2110	1030	4600	504	2890	1240
MIN	140	335	248	461	754	497	1130	243	260	174	196	221
AC-FT	112600	48230	84880	61410	118700	84560	95980	27720	70530	15990	43630	24740
CAL YEAR 2008	TOTAL		125526	MEAN	1255	MAX	10900	MIN	140.0	AC-FT	249000	
WTR YEAR 2009	TOTAL		397730	MEAN	1090	MAX	10900	MIN	140.0	AC-FT	788900	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER near Atkinson, 06796973

LOCATION.--SW1/4NW1/4 Sec. 13-29-14 W., Holt County, Lat. 42° 29' 12", Long. 98° 54' 42", on left bank
10 feet downstream from county road bridge, 4 miles southeast of Atkinson.

DRAINAGE AREA.--Undetermined.

GAGE.--Continuous stage recorder. Gage datum is 2,043.49 feet above sea level, NGVD 1929 from a
survey by the Nebraska department of Natural Resources in June, 2009.

PERIOD OF RECORD.--1982 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1991. Records are good, except
estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,060 cubic feet per second May 29, 1995, gage height
9.27 feet; minimum daily discharge 0.15 cubic feet per second August 31, 2000.

EXTREMES FOR CURRENT YEAR.--Peak discharge 571 cubic feet per second April 9, gage height 5.81 feet;
minimum daily discharge 11 cubic feet per second October 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	165	65	32e	31e	27e	95	85	52	143	26	25
2	11	146	65	29e	25e	21e	111	83	49	121	23	24
3	12	127	65	30e	23e	32e	148	81	44	105	21	25
4	12	113	49e	26e	28e	50e	179	76	43	96	23	25
5	12	103	44e	26e	29e	57e	161	75	42	89	22	26
6	14	94	53e	30e	32e	56e	115	74	46	82	26	28
7	20	88	52e	37e	27e	59e	156	71	48	73	29	27
8	18	80	47e	39e	23e	75e	310	65	48	64	29	25
9	15	76	31e	33e	22e	74e	535	60	52	58	27	24
10	16	74	37e	29e	27e	80e	506	58	52	54	26	23
11	15	75	42e	36e	34e	77e	447	56	52	49	23	22
12	17	78	38e	35e	25e	84e	383	55	53	47	20	21
13	26	86	31e	25e	21e	81e	323	56	55	45	18	20
14	26	96	26e	22e	19e	89e	273	51	59	50	16	20
15	27	97	17e	24e	24e	118e	225	51	61	47	27	19
16	28	95	20e	35e	26e	145e	191	49	66	51	33	18
17	28	93	26e	37e	32e	191e	169	47	69	50	47	18
18	26	90	35e	34e	27e	172	156	47	80	47	52	18
19	26	89	30e	31e	19e	160	168	46	81	43	65	17
20	24	84	29e	37e	24e	149	201	41	90	40	67	16
21	24	79	26e	41e	22e	143	196	42	92	40	73	19
22	39	74	21e	35e	30e	134	173	41	88	36	70	19
23	66	75	28e	25e	26e	132	155	44	89	33	62	20
24	132	75	26e	23e	37e	134	136	49	93	31	52	22
25	261	74	31e	21e	36e	122	120	52	140	28	45	22
26	320	74	33e	17e	32e	122	110	55	208	26	40	22
27	304	72	30e	21e	24e	129	105	58	271	25	37	22
28	274	70	30e	24e	30e	127	98	63	261	25	33	20
29	246	69	38e	26e	---	132	95	61	222	23	30	20
30	222	68	31e	28e	---	131	91	57	177	24	28	19
31	191	---	25e	32e	---	125	---	52	---	25	27	---
TOTAL	2464	2679	1121	920	755	3228	6131	1801	2783	1670	1117	646
MEAN	79.5	89.3	36.2	29.6	26.9	104.1	204.3	58.1	92.7	53.9	36.2	21.5
MAX	320	165	65	41	37	191	535	85	271	143	73	28
MIN	11	68	17	17	19	21	91	41	42	23	16	16
AC-FT	4887	5314	2223	1825	1498	6403	12160	3572	5520	3312	2216	1281
CAL YEAR 2008	TOTAL		29742	MEAN	81.3	MAX	947.0	MIN	6.8	AC-FT	58990	
WTR YEAR 2009	TOTAL		25315	MEAN	69.4	MAX	535.0	MIN	11.0	AC-FT	50210	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

SOUTH FORK ELKHORN RIVER near Ewing, 06798000

LOCATION.--SE1/4NE1/4 Sec. 7-26-9 W., Holt County, Lat. 42° 14' 29", Long. 98° 23' 53", on right bank 7 feet downstream and 80 feet shoreward from bridge on county highway, 2.9 miles southwest of intersection with U.S. Highway 275 in Ewing and 5.5 miles upstream from the mouth.

DRAINAGE AREA.--314 square miles, of which approximately 190 square miles contributes directly to surface runoff.

GAGE.--Continuous Stage Recorder. Gage datum is 1882.92 feet above sea level NGVD 1929, from a survey in June, 2009 by the Nebraska Department of Natural Resources.

PERIOD OF RECORD.--Oct. 1977 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1991. See USGS reports for period of record before 1977. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,640 cubic feet per second March 18, 1987, gage height 7.59 feet; minimum daily discharge 11 cubic feet per second January 15, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 291 cubic feet per second on October 25, gage height 2.29 feet; maximum gage height 2.80 feet January 11 due to backwater from ice conditions; minimum daily discharge 37 cubic feet per second August 13 & 14.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	49	92	82	90e	63e	67e	118	76	56	51	39	47
2	49	90	80	87e	56e	67e	121	74	54	49	39	45
3	48	88	82	89e	53	74e	127	71	53	49	38	46
4	48	85	80	77e	64	86e	126	69	53	50	38	45
5	49	87	85	89e	60	101e	119	65	53	49	39	45
6	58	83	90e	87e	55	125	101	64	58	48	42	45
7	65	79	80e	84e	56	125	116	63	56	46	42	45
8	59	83	72e	85e	59	117	148	60	55	45	40	45
9	58	84	76e	84e	77	109	208	60	59	44	40	45
10	56	83	79e	97e	89	111e	221	60	58	46	39	45
11	56	90	79e	92e	127	110e	191	60	62	44	39	44
12	61	94	79e	80e	119	93e	160	60	78	44	38	45
13	73	102	80e	80e	92	95e	137	61	88	45	37	44
14	73	115	80e	84e	75	108e	139	58	102	45	37	44
15	76	125	79e	74e	70	124	133	58	113	43	45	43
16	75	119	80e	89e	63	132	121	56	120	46	60	43
17	72	110	82e	100e	66	125	114	55	124	43	67	44
18	69	101	82e	103e	67	123	111	55	120	42	66	45
19	64	93	85e	105e	67	121	108	54	106	41	67	46
20	61	91	82e	99e	75	119	107	54	100	41	63	48
21	67	91	76e	87e	72	118	104	56	110	43	70	50
22	80	88	80e	74e	72	119	99	59	116	44	63	48
23	104	86	85e	65e	72	120	93	60	96	45	56	50
24	183	81	84e	61e	76	118	87	60	81	43	52	52
25	271	86	84e	61e	80	124	82	58	71	40	52	51
26	234	88	85e	59e	88e	127	86	61	66	38	53	51
27	171	91	87e	61e	86e	133	81	61	62	38	51	49
28	132	92	87e	63e	77e	130	81	64	58	39	51	48
29	107	90	85e	76e	---	131	81	63	55	39	52	49
30	103	89	89e	83e	---	132	77	61	53	40	51	50
31	100	---	87e	76e	---	121	---	58	---	40	49	---
TOTAL	2771	2776	2543	2541	2076	3505	3597	1894	2336	1360	1515	1397
MEAN	89.4	92.6	82.1	81.9	74.0	113.0	119.9	61.1	77.9	43.8	48.8	46.6
MAX	271	125	90	105	127	133	221	76	124	51	70	52
MIN	48	79	72	59	53	67	77	54	53	38	37	43
AC-FT	5496	5506	5044	5040	4118	6952	7135	3757	4633	2698	3005	2771
CAL YEAR 2008	TOTAL		47999	MEAN	131.1	MAX	1870	MIN	42.0	AC-FT	95200	
WTR YEAR 2009	TOTAL		28311	MEAN	77.6	MAX	271.0	MIN	37.0	AC-FT	56150	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER at Neligh, 06798500

LOCATION.--NW1/4SW1/4 Sec. 20-25-6 W., Antelope County, Lat. 42° 07' 23", Long. 98° 02' 37", on the left bank 30 feet downstream from the roadway on State Highway 14 at Neligh, NE.

DRAINAGE AREA.--2,200 square miles, approximately 1,200 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,717.27 feet above sea level NGVD 1929, corrected July 23, 2009 as a result of a survey by the Nebraska Department of Natural Resources in June, 2009.

PERIOD OF RECORD.--1930 - 1958, 1960 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. This station was moved to its present location on Nebraska Highway 14 on June 18, 1999. Previous location was 3/4 mile downstream at the old Highway 14 near the Neligh Mill. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 19,300 cubic feet per second May 30, 1995, gage height 13.37 feet (stage for previous location at Neligh Mill); minimum daily discharge 12 cubic feet per second July 1, 1932.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,820 cubic feet per second August 16, gage height 4.78 feet; minimum daily discharge 115 cubic feet per second estimated August 14.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	164	608	323	254e	316e	305e	630	465	247	463	158	194
2	163	564	310	258e	305e	330e	611	450	237	412	162	190
3	161	554	335	265e	297e	366e	603	431	220	373	144	200
4	159	528	314	250e	287e	475e	618	408	217	352	140	206
5	156	493	220	276e	276e	533e	670	391	216	327	132	194
6	189	480	272	279e	297e	533e	595	371	245	311	134	198
7	313	451	312	279e	314e	540e	590	354	249	282	144	208
8	259	412	347	276e	349e	547e	740	353	247	262	147	204
9	223	393	370e	276e	356e	525e	1330	331	258	249	142	192
10	205	404	362e	272e	535	446e	1280	315	289	240	141	180
11	212	443	301e	265e	707e	308e	1360	303	294	233	134	179
12	224	499	278e	276e	688e	337e	1170	289	359	223	128	189
13	313	564	272e	250e	669e	500e	1070	304	505	220	119	177
14	326	660	272e	283e	648e	590e	989	298	550	208	115	170
15	310	678	239e	276e	626	711e	935	279	540	199	243	165
16	299	652	269e	279e	574e	778	841	274	538	208	1180	161
17	287	611	269e	276e	472	835	747	267	500	223	512	156
18	277	579	261e	283e	387e	820	719	256	574	205	395	156
19	262	555	261e	283e	379	777	690	246	524	197	469	156
20	248	488	250e	276e	402e	701	665	225	470	188	466	155
21	246	424	254e	276e	399	662	652	228	494	185	396	155
22	374	414	269e	261e	382e	657	640	238	532	183	348	161
23	714	409	269e	261e	378e	673	613	267	528	189	309	165
24	665	407	269e	258e	401e	727	579	278	501	178	269	170
25	765	396	272e	258e	423e	703	539	275	460	171	268	169
26	815	383	265e	265e	503e	692	528	297	447	160	272	171
27	827	376	261e	258e	551e	682	525	296	460	164	248	170
28	750	369	254e	265e	340e	673	490	301	488	165	228	165
29	647	366	247e	276e	---	662	484	294	514	158	218	159
30	611	349	243e	276e	---	662	481	281	506	148	205	161
31	595	---	254e	294e	---	667	---	267	---	145	200	---
TOTAL	11759	14509	8694	8380	12261	18417	22384	9632	12209	7221	8166	5276
MEAN	379.3	483.6	280.4	270.2	437.9	594.1	746.3	310.7	406.9	232.9	263.2	175.8
MAX	827	678	370	294	707	835	1360	465	574	463	1180	208
MIN	156	349	220	250	276	305	481	225	216	145	115	155
AC-FT	23320	28780	17240	16620	24320	36530	44400	19100	24220	14320	16200	10460
CAL YEAR 2008	TOTAL		214359	MEAN	585.7	MAX	7140	MIN	97.0	AC-FT	425200	
WTR YEAR 2009	TOTAL		138908	MEAN	380.6	MAX	1360	MIN	115.0	AC-FT	275500	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER near Tilden, 06798780

LOCATION.--SW1/4NW1/4 Sec. 16-24-4 W., Madison County, Lat. 42° 03' 21", Long. 97° 47' 43", on the left bridge abutment 20 feet downstream from a Madison County maintained hard top road about two miles east and 1/2 mile north of Tilden, NE.

DRAINAGE AREA.--Estimated 2,490 square miles, of which about 1,490 square miles is contributing.

GAGE.--Continuous stage recorder. Gage datum is 1,619.36 feet above sea level NGVD 1926 from Nebraska Department of Natural Resources survey in June, 2009.

PERIOD OF RECORD.--May 25, 2007 - present

REMARKS.--Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,260 cubic feet per second August 16, gage height 7.32 feet; minimum daily discharge 162 cubic feet per second August 14.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	188	690	515	314e	393e	540e	926	578	379	538	202	239
2	191	686	507	334e	354e	526e	874	558	358	490	209	232
3	195	680	497	334e	393e	584e	849	535	339	449	200	236
4	197	663	486	354e	464e	657e	846	517	324	422	182	247
5	199	642	481	354e	562e	738e	974	500	319	412	176	244
6	207	617	467	347e	660e	818e	994	480	348	386	167	232
7	370	592	457	360e	682	1030e	919	465	366	356	186	235
8	410	570	447	347e	712e	1090e	966	443	362	330	200	248
9	339	548	471	354e	816e	1080e	1560	423	382	311	193	249
10	271	532	417	354e	973e	997	1670	408	411	299	190	240
11	254	529	393e	367e	1320e	1010	1540	399	430	289	184	233
12	252	552	373e	360e	1020e	700	1430	397	498	274	176	238
13	301	598	367e	367e	920e	617	1350	428	634	260	167	239
14	366	661	360e	328e	836e	1050	1290	436	685	250	162	229
15	378	739	354e	360e	530e	1020	1150	399	707	237	179	224
16	371	781	347e	373e	445e	1070	1060	388	703	242	1280	211
17	360	790	301e	360e	308e	1070	949	377	663	249	1220	202
18	349	789	295e	380e	259	1080	885	368	793	240	614	196
19	334	773	308e	393e	295e	1050	862	360	750	223	513	190
20	321	753	328e	401	285	969	810	339	621	220	609	183
21	314	708	334e	425e	272	920	781	319	573	216	493	182
22	357	679	334e	471e	289	887	779	332	639	216	448	183
23	616	648	334e	477e	368	916	772	374	646	225	393	202
24	844	618	367e	399e	591	967	714	399	615	226	356	205
25	856	589	340e	373e	627	975	653	412	538	209	513	205
26	838	574	354e	360e	694e	969	633	432	501	199	516	214
27	837	566	340e	367e	694e	955	646	449	480	202	377	210
28	810	556	340e	380e	635e	955	606	458	527	226	311	198
29	784	548	354e	425e	---	964	608	451	540	215	283	191
30	753	526	334e	438e	---	981	601	424	565	208	265	190
31	717	---	328e	451e	---	960	---	400	---	199	251	---
TOTAL	13579	19197	11930	11707	16397	28145	28697	13248	15696	8818	11215	6527
MEAN	438.1	639.9	384.8	377.6	585.6	908.2	956.3	427.3	523.2	284.4	361.6	217.5
MAX	856	790	515	477	1320	1090	1670	578	793	538	1280	249
MIN	188	526	295	314	259	526	601	319	319	199	162	182
AC-FT	26930	38080	23660	23220	32520	55820	56920	26280	31130	17490	22240	12950
CAL YEAR 2008 TOTAL			255633	MEAN	698.5	MAX	7400	MIN	150.0	AC-FT	507000	
WTR YEAR 2009 TOTAL			185156	MEAN	507.3	MAX	1670	MIN	162.0	AC-FT	367300	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK near Foster, 06799080

LOCATION.--NW1/4NE1/4 Section 4-25-3 W., Pierce County, Lat. 42° 10' 38", Long. 97° 40' 02", on left downstream bank at county road bridge, 6.8 miles south of Foster and 7.2 miles southwest of Pierce.

DRAINAGE AREA.--137 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,650.08 feet above mean sea level, NGVD 1929 from Department of Natural Resources survey in June, 2009.

PERIOD OF RECORD.--1975 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 574 cubic feet per second March 18, 1987, gage height 7.94 feet; maximum stage 8.40 feet August 24, 1995; minimum daily discharge 1.0 cubic feet per second November 4, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 166 cubic feet per second August 19, gage height 6.96 feet; maximum stage 7.99 feet due to backwater from ice conditions; minimum daily discharge 5.2 cubic feet per second August 12 & 13.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.7	25	18	17e	13e	19e	36	24	13	11	7.9	13
2	9.7	23	19e	16e	13e	20e	37	23	13	11	7.2	13
3	9.7	20	18e	16e	17e	27e	40	22	12	11	6.9	14
4	10	19	17e	16e	18e	39e	38	20	12	12	5.9	13
5	9.7	19	16e	16e	20e	52e	40	20	12	12	5.8	12
6	12	18	16e	16e	25e	39e	40	19	14	11	6.5	12
7	24	18	15e	14e	35e	59e	46	18	15	10	6.9	11
8	15	18	16e	18e	44e	53e	63	17	15	9.8	6.5	11
9	13	17	16e	21e	55e	48e	91	16	15	9.7	6.4	11
10	13	17	18e	18e	113e	47e	99	15	14	9.8	6.2	10
11	12	22	31e	16e	104e	42e	75	15	15	9.6	5.5	10
12	14	25	24e	14e	98e	32e	50	14	21	9.4	5.2	11
13	19	26	20e	13e	93e	30e	40	17	25	9.0	5.2	10
14	17	28	12e	12e	64e	31e	34	16	23	9.0	5.6	10
15	17	29	9.8e	11e	41e	34e	30	16	25	8.6	8.4	10
16	16	28	13e	14e	34e	38e	27	15	27	9.7	53	10
17	17	26	15e	15e	34e	36	24	14	27	9.6	45	10
18	17	23	15e	18e	32e	34	24	14	30	8.0	96	9.9
19	16	22	15e	20e	29e	33	27	13	29	7.6	160	9.8
20	15	20	16e	21e	28e	32	28	13	30	9.2	141	9.9
21	15	32	14e	20e	28e	32	25	13	31	9.1	109	10
22	50	19	11e	19e	29e	34	23	14	29	7.9	66	10
23	93	19	13e	17e	29e	45	21	14	26	7.0	38	11
24	97	19	14e	16e	26e	58	19	13	23	6.8	27	10
25	120	18	14e	13e	26e	69	18	13	19	7.1	34	11
26	109	18	14e	12e	27e	63	20	19	17	6.1	24	11
27	74	18	15e	13e	27e	55	22	17	15	6.0	20	10
28	55	18	15e	14e	24e	44	22	16	13	6.2	18	10
29	41	18	15e	13e	---	40	24	15	12	5.9	16	10
30	32	18	15e	14e	---	36	25	14	11	6.0	15	10
31	27	---	16e	14e	---	35	---	13	---	5.9	14	---
TOTAL	998.8	640	495.8	487	1126	1256	1108	502	583	271	972.1	323.6
MEAN	32.2	21.4	16.1	15.8	40.2	40.5	36.9	16.0	19.4	8.7	31.3	10.9
MAX	120	32	31	21	113	69	99	24	31	12	160	14
MIN	9.7	17	9.8	11	13	19	18	13	11	5.9	5.2	9.8
AC-FT	1981	1269	983	966	2233	2491	2198	996	1156	538	1928	642
CAL YEAR 2008	TOTAL		11994	MEAN	32.8	MAX	283.0	MIN	5.9	AC-FT	23790	
WTR YEAR 2009	TOTAL		8763	MEAN	24.0	MAX	160.0	MIN	5.2	AC-FT	17380	

e indicates estimated discharge.

PLATTE RIVER BASIN
(Elkhorn River)

WILLOW CREEK RESERVOIR from Willow Creek, 00410300

LOCATION.--NW1/4SE1/4 Sec. 33-26-2 W. near Pierce, Pierce County, Lat. 42° 10' 49", Long. 97° 33' 18",
two miles southwest of Pierce.

DRAINAGE AREA.--210 square miles.

GAGE.--Continuous stage recorder. Gage datum is mean sea level.

PERIOD OF RECORD.--1983 - present

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Top of flood pool	1637.8	18,780
Top of conservation pool	1625.5	6,890
top of dead storage pool	1602.0	100

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6577	7566	7353	7252	7182	7327	7492	7318	7034	7097	6407	7051
2	6585	7522	7340	7250	7199	7327	7484	7304	7013	7071	6365	7105
3	6591	7494	7349	7254	7198	7312	7468	7304	7001	7052	6330	7103
4	6591	7457	7321	7237	7196	7320	7483	7290	7002	7039	6275	7087
5	6603	7444	7323	7219	7195	7372	7483	7275	6990	7020	6211	7065
6	6695	7408	7325	7210	7206	7410	7475	7260	7029	7007	6094	7050
7	6850	7395	7320	7195	7256	7455	7490	7253	7042	6971	5972	7028
8	6900	7344	7360	7186	7299	7478	7529	7231	7043	6963	5865	7006
9	6913	7331	7339	7197	7525	7508	7598	7203	7050	6949	5748	6993
10	6947	7341	7326	7201	7709	7477	7676	7191	7057	6941	5924	6980
11	6961	7373	7335	7186	7793	7431	7700	7178	7065	6921	5990	6985
12	7026	7390	7345	7184	7823	7431	7677	7166	7154	6906	6034	6978
13	7065	7415	7355	7175	7777	7430	7631	7173	7187	6886	6195	6970
14	7102	7417	7364	7180	7714	7438	7585	7160	7201	6866	6326	6963
15	7117	7411	7328	7171	7660	7430	7540	7154	7245	6864	6396	6958
16	7131	7413	7330	7169	7606	7437	7494	7142	7291	6850	6331	6956
17	7146	7408	7325	7173	7568	7437	7456	7136	7315	6830	6390	6948
18	7160	7402	7355	7171	7530	7436	7457	7123	7345	6803	6587	6945
19	7156	7397	7345	7162	7492	7436	7427	7111	7367	6789	6688	6943
20	7157	7391	7328	7167	7477	7428	7404	7080	7359	6769	6785	6928
21	7165	7378	7287	7171	7423	7427	7382	7067	7389	6749	6875	6924
22	7401	7365	7247	7175	7401	7442	7360	7074	7374	6723	6967	6917
23	7710	7367	7230	7186	7394	7518	7337	7074	7373	6696	7059	6917
24	7830	7361	7220	7190	7386	7533	7308	7075	7350	6658	7163	6910
25	7903	7356	7225	7188	7371	7564	7278	7088	7312	6632	7186	6921
26	7921	7358	7237	7186	7372	7594	7309	7082	7282	6600	7164	6921
27	7876	7352	7242	7171	7349	7586	7294	7089	7244	6586	7135	6914
28	7799	7354	7247	7169	7334	7570	7287	7087	7200	6536	7113	6888
29	7731	7349	7245	7161	---	7539	7310	7077	7168	6517	7091	6874
30	7670	7351	7257	7166	---	7523	7318	7067	7135	6491	7070	6777
31	7618	---	7255	7171	---	7523	---	7050	---	6449	7067	---
MEAN	7190	7397	7305	7189	7444	7456	7458	7157	7187	6814	6542	6967
MAX	7921	7566	7364	7254	7823	7594	7700	7318	7389	7097	7186	7105
MIN	6577	7331	7220	7161	7182	7312	7278	7050	6990	6449	5748	6777
CAL YEAR 2008	MEAN	7283	MAX	8869	MIN	6150						
WTR YEAR 2009	MEAN	7173	MAX	7921	MIN	5748						

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK near Pierce, 00232500

LOCATION.--SE1/4SW1/4 Sec. 33-26-2 W., Pierce County, Lat. 42° 10' 49", Long. 97° 33' 18", on Willow Creek Dam, Two miles southwest of Pierce.

DRAINAGE AREA.--210 square miles.

GAGE.--Continuous stage recorder. Gage datum is mean sea level.

PERIOD OF RECORD.--1983 - present

REMARKS.--Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 464 cubic feet per second March 26, 1987, gage height 6.87 feet; minimum daily discharge 0.33 cubic feet per second August 12, 2009.

EXTREMES FOR CURRENT YEAR.--Peak discharge 108 cubic feet per second October 26, gage height 4.82 feet; minimum daily discharge 0.33 cubic feet per second, August 12.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.3	50	24	20	21	34	54	33	14	18	2.9	15
2	2.3	44	24	20	22	34	51	33	14	16	3.0	15
3	2.4	40	24	20	22	34	50	32	13	15	2.8	14
4	2.3	36	23	20	22	34	48	31	12	13	2.4	13
5	2.2	34	22	19	23	35	52	30	12	13	1.8	13
6	2.2	32	22	18	23	37	51	30	13	12	1.4	12
7	2.2	31	21	18	25	40	50	28	13	11	1.1	11
8	2.5	27	22	17	28	43	53	28	14	8.9	0.81	10
9	3.2	24	23	18	36	45	58	25	14	7.4	0.77	9.6
10	3.8	23	22	18	60	47	67	24	15	6.4	0.62	8.9
11	4.5	25	22	18	73	42	73	23	15	5.3	0.36	8.5
12	5.6	27	23	18	79	41	73	22	17	4.3	0.33	8.5
13	8.2	29	23	18	78	41	69	22	22	3.3	0.39	8.0
14	10	31	25	18	70	41	64	21	23	3.4	0.46	7.5
15	12	29	23	18	64	41	58	21	25	3.2	0.54	6.9
16	12	30	23	18	58	42	54	20	29	3.1	0.67	6.4
17	13	29	23	18	53	42	50	19	30	3.6	0.88	6.0
18	14	29	23	18	50	42	47	18	34	3.8	1.1	5.5
19	14	28	25	18	44	43	45	18	37	3.7	1.6	5.0
20	14	28	25	18	42	43	44	17	37	3.4	2.8	4.4
21	14	27	23	18	39	42	40	14	39	3.3	4.6	4.3
22	23	26	21	19	37	43	39	14	39	3.3	7.3	3.4
23	57	25	19	20	37	47	37	14	39	3.0	11	3.3
24	79	25	18	20	36	55	34	14	37	2.6	17	3.3
25	90	24	18	20	36	57	31	14	35	2.6	23	3.7
26	100	24	18	20	36	59	32	15	32	2.5	23	4.0
27	95	24	18	20	35	61	31	15	30	2.5	22	4.6
28	85	24	18	20	35	60	30	15	26	2.3	20	4.4
29	73	24	19	20	---	58	31	15	23	2.3	19	3.2
30	64	24	20	20	---	56	33	15	20	2.6	17	3.5
31	56	---	19	20	---	58	---	15	---	2.7	16	---
TOTAL	868.7	873	673	585	1184	1397	1449	655	723	187.5	206.63	225.9
MEAN	28.1	29.1	21.8	18.8	42.3	45.1	48.3	21.2	24.0	6.0	6.7	7.6
MAX	100	50	25	20	79	61	73	33	39	18	23	15
MIN	2.2	23	18	17	21	34	30	14	12	2.3	0.33	3.2
AC-FT	1723	1732	1335	1160	2348	2771	2874	1299	1434	372	410	448
CAL YEAR 2008	TOTAL		15220	MEAN	41.6	MAX	312.0	MIN	2.2	AC-FT	30190	
WTR YEAR 2009	TOTAL		9028	MEAN	24.7	MAX	100.0	MIN	0.33	AC-FT	17910	

**PLATTE RIVER BASIN
(Elkhorn River)**

UNION CREEK at Madison, 06799230

LOCATION.--SW1/4SE1/4 Sec. 32-22-1 W., Madison County, Lat. 41° 49' 52", Long. 97° 27' 19", on left bank 12 feet downstream from bridge on old U.S. highway 81, in Madison.

DRAINAGE AREA.--173.76 square miles

GAGE.--Continuous stage recorder. Datum of gage is 1549.70 feet, National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1978 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 15,100 cubic feet per second June 16, 1990, gage height 25.72 feet; minimum daily discharge 2.0 cubic feet per second August 28, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 893 cubic feet per second June 16, gage height 14.66 feet; minimum daily discharge 8.9 cubic feet per second August 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	29	23	26	112	32	39	37	19	24	12	20
2	12	24	20	26	137	33	37	33	19	23	11	18
3	11	25	20	26	81	33	38	35	19	21	11	39
4	13	24	20	24	57	50	44	32	18	22	10	29
5	11	24	22	24	44	156	48	31	19	24	8.9	21
6	17	23	23	24	50	98	51	31	34	23	10	20
7	70	22	22	24	119	53	50	31	74	18	14	20
8	58	22	22	24	188	45	54	29	34	18	40	19
9	18	21	21	24	431	45	59	28	30	17	25	19
10	12	23	22	23	697	38	50	28	26	18	25	19
11	12	40	24	24	158	31	41	27	25	16	23	20
12	13	62	24	24	68	32	40	28	35	15	15	24
13	28	49	24	25	53	34	41	30	71	15	13	20
14	51	39	21	23	41	37	39	31	47	16	12	20
15	25	33	20	23	44	45	38	29	75	14	20	20
16	21	29	22	22	42	42	36	26	648	21	303	19
17	18	28	21	23	45	41	35	27	662	19	222	19
18	16	28	21	24	44	39	37	26	93	17	30	19
19	16	27	22	26	35	39	39	25	55	18	28	18
20	15	27	20	27	38	37	38	24	56	16	51	18
21	15	23	20	30	35	38	34	23	58	15	34	18
22	151	22	22	38	35	43	33	24	48	14	21	19
23	778	24	21	47	36	75	33	23	40	14	19	19
24	536	23	22	41	39	86	30	24	35	17	18	18
25	151	22	23	35	45	58	31	24	32	15	22	18
26	53	23	25	30	48	47	34	23	34	13	20	19
27	34	25	26	27	32	44	33	23	35	11	20	19
28	28	22	26	27	31	40	33	23	33	12	20	18
29	27	22	26	26	---	39	37	22	29	12	20	18
30	27	24	27	26	---	40	39	20	26	11	20	18
31	27	---	26	44	---	41	---	20	---	11	20	---
TOTAL	2276	829	698	857	2785	1511	1191	837	2429	520	1117.9	605
MEAN	73.3	27.7	22.6	27.7	99.5	48.8	39.7	27.0	80.9	16.8	36.0	20.2
MAX	778	62	27	47	697	156	59	37	662	24	303	39
MIN	11	21	20	22	31	31	30	20	18	11	8.9	18
AC-FT	4514	1644	1384	1700	5524	2997	2362	1660	4818	1031	2217	1200
CAL YEAR 2008	TOTAL		23788	MEAN	65.0	MAX	1760	MIN	7.3	AC-FT	47180	
WTR YEAR 2009	TOTAL		15656	MEAN	42.9	MAX	778.0	MIN	8.9	AC-FT	31050	

**PLATTE RIVER BASIN
(Elkhorn River)**

PEBBLE CREEK at Scribner, 06799385

LOCATION.--NW1/4SE1/4 Sec. 36-20-6E., Dodge County, Lat. 41° 39' 34", Long 96° 41' 00", on right bank 12 feet downstream from bridge on blacktop county road one mile west and one-quarter mile south of Scribner.

DRAINAGE AREA.--203.52 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,234.72 feet above mean sea level.

PERIOD OF RECORD.--1978 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 27,900 cubic feet per second June 5, 1991, gage height 24.15 feet; minimum daily discharge 0.29 cubic feet per second July 20, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,070 cubic feet per second October 22, gage height 13.97 feet; minimum daily discharge 23 cubic feet per second September 28 & 29.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	35	57	46	41e	85e	45e	61	53	34	52	30	31
2	36	56	46	40e	102e	59e	60	51	34	50	29	31
3	38	55	46e	41e	98e	79e	58	49	33	48	28	41
4	39	54	36e	44e	91e	63e	58	47	33	51	27	42
5	40	54	42e	44e	96e	78e	55	48	34	50	26	34
6	44	53	44e	44e	111e	145e	48	48	172	46	25	31
7	114	50	42e	43e	218	88e	54	46	85	43	99	30
8	76	49	39e	43e	270	60e	71	45	59	44	38	30
9	54	48	37e	41e	233	57e	88	40	54	41	32	29
10	52	49	43e	44e	448	58e	69	37	54	40	32	28
11	52	71	45e	43e	127	54e	66	38	52	38	29	27
12	52	76	46e	45e	85	51e	64	37	96	37	28	28
13	64	51	48e	42e	72	51e	61	40	162	36	28	28
14	81	51	48e	35e	60e	53e	57	40	82	35	28	27
15	80	49	39e	42e	54e	55	54	39	523	33	119	27
16	73	51	41e	44e	49e	53	53	42	379	35	101	26
17	71	52	44e	46e	47e	52	52	40	196	40	46	25
18	74	51	42e	45e	45e	50	58	40	142	31	36	25
19	71	52	42e	44e	42e	49	64	40	128	29	36	24
20	69	51	41e	46e	47e	48	58	38	112	34	37	24
21	69	47	38e	47e	52e	48	54	38	102	34	35	25
22	1160	52	40e	47e	63e	49	54	37	93	34	32	25
23	508	51	40e	46e	57e	86	54	37	82	35	31	25
24	163	51	40e	46e	52e	160	52	37	76	34	31	25
25	108	49	44e	40e	51e	80	50	37	71	32	32	25
26	79	49	47e	39e	50e	70	49	36	67	31	34	24
27	70	49	46e	37e	50e	65	51	36	67	30	38	24
28	66	47	44e	35e	48e	63	49	36	62	31	33	23
29	65	49	42e	39e	---	63	53	35	58	31	31	23
30	63	49	41e	41e	---	63	69	33	54	30	31	24
31	60	---	44e	57e	---	63	---	33	---	29	31	---
TOTAL	3626	1573	1323	1331	2803	2058	1744	1253	3196	1164	1213	831
MEAN	117.1	52.5	42.4	42.7	100.2	66.5	58.1	40.3	106.5	37.6	39.2	27.6
MAX	1160	76	48	57	448	160	88	53	523	52	119	42
MIN	35	47	36	35	42	45	48	33	33	29	25	23
AC-FT	7192	3120	2624	2640	5560	4082	3459	2485	6339	2309	2406	1648
CAL YEAR 2008 TOTAL			36321	MEAN	99.2	MAX	8190	MIN	17.0	AC-FT	72040	
WTR YEAR 2009 TOTAL			22115	MEAN	60.6	MAX	1160	MIN	23.0	AC-FT	43860	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

LOGAN CREEK at Pender, 06799450

LOCATION.--NW1/4 Section 26-25-6 E., Thurston County, Lat. 42° 06' 40", Long. 96° 42' 00", on left bank just downstream of the State Highway 94 bridge at Pender.

DRAINAGE AREA.--731 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,300.96 feet above mean sea level.

PERIOD OF RECORD.--1965 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 36,900 cubic feet per second February 19, 1971, gage height 23.11 feet; minimum daily discharge 12 cubic feet per second August 11, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge estimated 3,690 cubic feet per second February 10, gage height 4.80 feet; minimum daily discharge 93 cubic feet per second October 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	116	300e	261	212e	310	294	269	301	195	262	146	129
2	103	294e	255	236e	403e	332	266	275	194	255	142	140
3	99	287e	264	248e	246e	325	267	267	190	249	140	204
4	96	280e	236	220e	192e	309	267	259	191	257	135	292
5	93	283e	249	165e	268e	459	291	260	194	259	127	197
6	94	286e	256	177e	312e	502	261	260	218	251	123	167
7	510	279e	252	197e	378e	337	292	255	237	239	127	157
8	373	275e	252	208e	847e	297	327	251	253	265	129	153
9	162	271e	245	200e	1590e	308	350	242	248	318	121	150
10	129	281e	234	216e	2990e	307	333	237	233	532	118	148
11	115e	293e	262	177e	2330e	205	311	233	228	403	114	174
12	122e	318e	256	208e	825e	282	305	236	248	302	114	816
13	142e	310e	257	173e	477	272	300	258	385	277	111	415
14	148e	310e	220	133e	397	284	296	259	319	259	107	205
15	129e	305e	256e	141e	393	298	286	241	298	249	112	184
16	115e	298e	113e	173e	364	291	279	233	406	236	277	172
17	110e	295e	133e	224e	362	282	273	225	343	233	486	163
18	115e	294	141e	252e	358	273	279	223	560	218	191	159
19	119e	298	133e	240	299	262	311	218	604	207	162	154
20	115	293	153e	230	320	258	302	210	439	208	157	151
21	106	281	149e	219	291	258	281	200	394	222	151	153
22	203	284	121e	240	281	268	272	204	423	199	141	157
23	1320	290	157e	233	292	326	269	230	370	186	134	154
24	812	288	165e	220e	301	440	263	226	340	180	131	154
25	514	287	177e	193e	311	360	254	220	325	173	172	153
26	415	282	224e	236e	315	307	270	215	316	165	183	152
27	339	278	224e	276e	252	289	312	211	314	160	157	150
28	313e	272	232e	288e	232	281	283	212	295	157	146	145
29	308e	267	236e	312e	---	279	293	208	279	152	137	143
30	307e	265	252e	343e	---	278	342	202	271	151	131	148
31	299e	---	252e	351e	---	275	---	197	---	147	134	---
TOTAL	7941	8644	6617	6941	15936	9538	8704	7268	9310	7371	4756	5839
MEAN	256.1	288.1	213.5	223.9	569.2	307.7	290.1	234.5	310.4	237.7	153.4	194.7
MAX	1320	318	264	351	2990	502	350	301	604	532	486	816
MIN	93	265	113	133	192	205	254	197	190	147	107	129
AC-FT	15750	17150	13120	13770	31610	18920	17260	14420	18470	14620	9433	11580
CAL YEAR 2008	TOTAL		128576	MEAN	351.3	MAX	3570	MIN	93.0	AC-FT	255000	
WTR YEAR 2009	TOTAL		98865	MEAN	270.9	MAX	2990	MIN	93.0	AC-FT	196100	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER near Winslow, 06799510

LOCATION.--NW1/4NE1/4 Sec. 24-19-8 E., Dodge County, Lat. 41° 36' 40", Long. 96° 28' 06", near the left side of the bank about 30 feet downstream of a Dodge County maintained hard top road about one and 3/4 miles east of Winslow, NE.

DRAINAGE AREA.--Estimated 6120 square miles with 5,090 square miles estimated contributing to runoff.

GAGE.--Continuous stage recorder. Gage datum 1,189.11 feet above mean sea level NGVD 1929 from survey by the Nebraska Department of Natural Resource in June, 2009.

PERIOD OF RECORD.--July, 2007 - present

REMARKS.--Records are fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge estimated 10,400 cubic feet per second March 10, gage height 15.67 feet; minimum daily discharge estimated 660 cubic feet per second December 17.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	939	2480	1610	851e	999e	1260e	1820	2040	1040	2100	764	916
2	909	2500	1620	872e	914e	847e	1760	1890	1030	1910	754	909
3	905	2360	1690	872e	787e	1050e	1760	1730	989	1880	751	909
4	893	2240	1470	851e	914e	1490e	1860	1810	940	1980	737	1010
5	881	2170	1450	872e	1060e	1980e	2160	1830	926	1860	739	1490
6	879	2200	1640	935e	1130e	2570e	1840	1740	1140	1630	712	1120
7	979	2210	1560	893e	1370e	3000e	1760	1520	1400	1500	815	1050
8	1960	2090	1530	893e	2360e	2540e	1700	1420	1360	1560	782	958
9	2180	1950	1530e	893e	4230e	2260e	1850	1500	1510	1560	765	914
10	2130	1810	1270e	956e	6000e	2000e	2370	1430	1400	1640	748	921
11	1640	2090	956e	914e	5830e	1900e	2490	1260	1250	1750	737	927
12	1260	2470	851e	872e	5600e	1670e	2350	1240	1290	1360	714	1220
13	1210	2640	830e	893e	5460e	1750e	2250	1300	2200	1330	713	1880
14	1360	2810	766e	935e	4750e	1850e	2010	1380	2480	1130	697	1300
15	1560	2910	766e	787e	3930e	2030e	1840	1370	3110	1120	713	985
16	1640	2980	724e	872e	3530e	2030e	1830	1350	5350	1220	898	932
17	1610	3030	660e	956e	3120e	2110e	1750	1280	4780	1180	1230	898
18	1420	2870	702e	1040e	2700e	2180e	1890	1260	4220	1100	3040	879
19	1350	2700	745e	978e	2390e	2370	1950	1190	4260	1020	2510	868
20	1280	2570	724e	1020e	2210e	2400	1920	1130	3650	1020	1920	851
21	1220	2330	766e	1060e	2140e	2350	1810	1080	3250	1020	1470	869
22	2650	2070	809e	1130e	2090e	2320	1760	1060	3320	1010	1210	863
23	3490	1930	809e	1100e	2000e	2610	1730	1010	3300	953	1170	858
24	6200	1800	872e	956e	1930e	3450	1660	1040	3160	907	1060	845
25	4770	1730	872e	914e	1940e	2910	1610	1060	3010	885	982	846
26	3580	1670	872e	851e	1990e	2520	1580	1090	2880	862	1070	842
27	3070	1650	914e	851e	1980e	2340	1680	1120	2800	852	1300	842
28	2740	1630	851e	935e	1930e	2240	1570	1120	2670	836	1370	824
29	2550	1680	893e	914e	---	2060	1500	1110	2400	832	1200	797
30	2390	1710	893e	978e	---	1850	1980	1130	2140	842	994	790
31	2310	---	830e	1100e	---	1830	---	1080	---	813	901	---
TOTAL	61955	67280	32475	28944	75284	65767	56040	41570	73255	39662	33466	29313
MEAN	1999	2243	1048	934.1	2689	2122	1868	1342	2443	1279	1079	976.8
MAX	6200	3030	1690	1130	6000	3450	2490	2040	5350	2100	3040	1880
MIN	879	1630	660	787	787	847	1500	1010	926	813	697	790
AC-FT	122900	133400	64410	57410	149300	130400	111200	82450	145300	78670	66380	58140
CAL YEAR 2008	TOTAL		913706	MEAN	2496	MAX	19600	MIN	583.0	AC-FT	1812000	
WTR YEAR 2009	TOTAL		605011	MEAN	1658	MAX	6200	MIN	660.0	AC-FT	1200000	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061000

LOCATION.--Sec. 2-1-43 W. near Laird, CO

GAGE.--Continuous stage recorder and 5 ft. Parshall flume

PERIOD OF RECORD.--1927, 1941, 1949 - 1956, 1962 - present

REMARKS.--Values furnished by the State of Colorado

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	---	---	---	---	---	0.00	0.00	12	18	21	27
2	11	---	---	---	---	---	0.00	0.00	7.6	17	21	28
3	11	---	---	---	---	---	0.00	0.00	5.4	18	22	19
4	11	---	---	---	---	---	0.00	0.00	4.9	20	26	0.00
5	9.1	---	---	---	---	---	0.00	0.00	4.7	20	26	0.00
6	8.8	---	---	---	---	---	0.00	0.00	6.3	19	26	0.00
7	11	---	---	---	---	---	0.00	0.00	12	22	19	8.9
8	12	---	---	---	---	---	0.00	0.00	7.3	20	8.2	24
9	11	---	---	---	---	---	0.00	0.00	3.2	21	15	24
10	9.3	---	---	---	---	---	0.00	0.00	0.00	11	20	26
11	9.2	---	---	---	---	---	0.00	7.6	0.00	9.1	25	25
12	7.4	---	---	---	---	---	0.00	10	2.1	13	23	20
13	4.8	---	---	---	---	---	0.00	11	4.5	24	24	19
14	6.2	---	---	---	---	---	0.00	14	4.1	25	26	19
15	4.7	---	---	---	---	---	0.00	17	3.5	23	24	21
16	0.00	---	---	---	---	---	0.00	20	1.1	25	24	24
17	0.00	---	---	---	---	---	0.00	22	0.00	27	25	23
18	0.00	---	---	---	---	---	0.00	20	2.5	28	26	23
19	0.00	---	---	---	---	---	0.00	4.4	7.6	23	26	23
20	0.00	---	---	---	---	---	0.00	0.00	7.5	22	23	23
21	0.00	---	---	---	---	---	0.00	4.1	5.1	25	24	23
22	0.00	---	---	---	---	---	0.00	16	2.8	26	26	19
23	0.00	---	---	---	---	---	0.00	17	4.9	25	26	1.4
24	0.00	---	---	---	---	---	0.00	19	7.5	24	22	0.53
25	0.00	---	---	---	---	---	0.00	21	11	24	14	0.00
26	0.00	---	---	---	---	---	0.00	14	11	25	11	0.00
27	0.00	---	---	---	---	---	5.5	8.2	11	17	11	0.00
28	0.00	---	---	---	---	---	11	5.0	12	15	13	4.5
29	0.00	---	---	---	---	---	8.7	7.5	15	13	15	12
30	0.00	---	---	---	---	---	2.6	14	16	13	17	12
31	0.00	---	---	---	---	---	---	14	---	19	24	---
TOTAL	137.5	0	0	0	0	0	27.8	265.8	192.6	631.1	653.2	449.33
MEAN	4.4	---	---	---	---	---	0.93	8.6	6.4	20.4	21.1	15.0
MAX	12	---	---	---	---	---	11	22	16	28	26	28
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	9.1	8.2	0.00
AC-FT	273	0.00	0.00	0.00	0.00	0.00	55	527	382	1252	1296	891
CAL YEAR 2008	MAX	28.0	MIN	0.000	AC-FT	5827						
WTR YEAR 2009	MAX	28.0	MIN	0.000	AC-FT	4676						

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061400

LOCATION.--NE1/4NW1/4 Sec. 15-1-42 W. at Colorado - Nebraska State line

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1985 - present

REMARKS.--Values furnished by the State of Colorado

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	---	---	---	---	---	0.00	0.09	12	16	20	21
2	10	---	---	---	---	---	0.00	0.09	9.0	15	20	22
3	10	---	---	---	---	---	0.00	0.09	5.4	16	20	21
4	10	---	---	---	---	---	0.00	0.09	5.0	17	22	1.1
5	9.1	---	---	---	---	---	0.00	0.09	4.4	18	21	0.00
6	7.9	---	---	---	---	---	0.00	0.09	4.8	17	21	0.00
7	8.7	---	---	---	---	---	0.00	0.09	11	19	20	1.3
8	11	---	---	---	---	---	0.00	0.09	8.8	18	3.7	19
9	9.6	---	---	---	---	---	0.00	0.09	3.9	18	5.3	20
10	8.1	---	---	---	---	---	0.00	0.09	0.33	13	14	21
11	8.1	---	---	---	---	---	0.00	4.3	0.00	8.6	20	22
12	8.1	---	---	---	---	---	0.00	9.5	0.47	9.1	21	19
13	3.3	---	---	---	---	---	0.00	9.1	4.5	19	21	17
14	5.2	---	---	---	---	---	0.00	12	3.9	21	22	17
15	5.0	---	---	---	---	---	0.00	14	3.6	21	21	17
16	0.38	---	---	---	---	---	0.00	16	1.7	21	20	20
17	0.00	---	---	---	---	---	0.00	18	0.00	23	22	21
18	0.00	---	---	---	---	---	1.2	18	0.00	23	23	21
19	0.00	---	---	---	---	---	0.80	6.7	6.5	21	23	21
20	0.00	---	---	---	---	---	0.43	0.00	6.7	19	22	21
21	0.00	---	---	---	---	---	0.00	0.35	5.5	22	20	21
22	0.00	---	---	---	---	---	0.00	14	2.4	23	24	21
23	0.00	---	---	---	---	---	0.00	15	3.6	23	25	4.7
24	0.00	---	---	---	---	---	0.00	17	5.9	22	23	1.1
25	0.00	---	---	---	---	---	0.00	20	9.7	22	15	0.00
26	0.00	---	---	---	---	---	0.00	16	9.9	23	9.5	0.00
27	0.00	---	---	---	---	---	3.0	9.7	9.8	20	9.6	0.00
28	0.00	---	---	---	---	---	10	5.3	10	14	10	0.56
29	0.00	---	---	---	---	---	9.1	5.2	13	15	13	12
30	0.00	---	---	---	---	---	5.2	13	14	11	13	12
31	0.00	---	---	---	---	---	---	13	---	17	19	---
TOTAL	125.48	0	0	0	0	0	29.73	237.05	175.8	564.7	563.1	394.76
MEAN	4.0	---	---	---	---	---	0.99	7.6	5.9	18.2	18.2	13.2
MAX	11	---	---	---	---	---	10	20	14	23	25	22
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	8.6	3.7	0.00
AC-FT	249	0.00	0.00	0.00	0.00	0.00	59	470	349	1120	1117	783
CAL YEAR 2008	MAX	23.0	MIN	0.000	AC-FT	4992						
WTR YEAR 2009	MAX	25.0	MIN	0.000	AC-FT	4147						

REPUBLICAN RIVER BASIN

HAIGLER CANAL SPILLBACK to Arikaree River, 00061500

LOCATION.--NW1/4NE1/4 Sec. 36-1-42 W. near Haigler

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1985, 1987 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.92	---	---	---	---	---	0.00	0.43	5.6	1.1	2.3	0.00
2	0.62	---	---	---	---	---	0.00	0.00	5.6	1.3	2.2	0.01
3	0.39	---	---	---	---	---	0.00	0.00	4.5	1.9	2.2	0.79
4	0.26	---	---	---	---	---	0.00	0.00	4.0	2.6	2.1	2.3
5	0.13	---	---	---	---	---	0.00	0.00	1.4	2.4	2.0	0.00
6	0.01	---	---	---	---	---	0.00	0.00	0.00	1.4	1.9	0.00
7	0.00	---	---	---	---	---	0.00	0.00	2.6	1.1	2.0	0.00
8	0.00	---	---	---	---	---	0.00	0.00	4.2	1.1	2.5	1.1
9	0.00	---	---	---	---	---	0.00	0.00	1.1	1.1	1.8	2.6
10	0.00	---	---	---	---	---	0.00	0.00	0.00	1.3	2.1	1.4
11	0.00	---	---	---	---	---	0.00	0.00	0.00	1.2	1.9	0.00
12	0.00	---	---	---	---	---	0.00	4.7	0.00	1.2	1.7	0.00
13	0.00	---	---	---	---	---	0.00	4.7	1.1	2.1	1.7	0.01
14	0.00	---	---	---	---	---	0.00	4.5	3.5	0.64	1.6	1.4
15	0.00	---	---	---	---	---	0.00	3.8	2.6	0.00	1.7	1.5
16	0.00	---	---	---	---	---	0.00	2.2	0.00	0.00	2.3	0.00
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.87	1.5	0.00
18	0.00	---	---	---	---	---	0.00	1.4	0.00	2.2	2.2	0.00
19	0.00	---	---	---	---	---	0.00	2.4	0.83	3.0	2.3	0.00
20	0.00	---	---	---	---	---	0.00	0.00	1.7	2.4	2.3	0.00
21	0.00	---	---	---	---	---	0.01	0.00	1.7	2.2	2.4	0.00
22	0.00	---	---	---	---	---	0.03	3.2	0.68	2.2	2.6	0.97
23	---	---	---	---	---	---	0.02	3.2	0.15	2.3	2.3	3.4
24	---	---	---	---	---	---	0.02	0.85	0.39	2.3	3.1	0.00
25	---	---	---	---	---	0.00	0.00	3.6	2.4	2.4	4.1	0.00
26	---	---	---	---	---	0.00	0.00	6.6	3.4	2.4	2.8	0.00
27	---	---	---	---	---	0.00	0.00	7.6	1.9	2.5	2.3	0.00
28	0.00	---	---	---	---	0.00	3.9	4.8	0.00	2.5	0.20	0.00
29	---	---	---	---	---	0.00	6.5	3.7	0.46	2.7	0.00	0.60
30	---	---	---	---	---	0.00	5.9	5.3	0.61	2.9	0.00	0.00
31	---	---	---	---	---	0.00	---	5.4	---	2.3	0.00	---
TOTAL	2.33	0	0	0	0	0	16.38	68.38	50.42	55.61	60.1	16.08
MEAN	0.10	---	---	---	---	0.000	0.55	2.2	1.7	1.8	1.9	0.53
MAX	0.92	---	---	---	---	0.00	6.5	7.6	5.6	3.0	4.1	3.4
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	4.6	0.00	0.00	0.00	0.00	0.00	32	136	100	110	119	32
CAL YEAR 2008	MAX		9.2	MIN	0.000	AC-FT	1256					
WTR YEAR 2009	MAX		7.6	MIN	0.000	AC-FT	534					

SWANSON LAKE near Trenton, 06829000

LOCATION.--SE1/4NE1/4 Sec. 5-2-33 W., Hitchcock County, Lat. 40° 10' 10", Long. 101° 03' 35", in gate control house at right end of spillway on downstream side of Trenton Dam on Republican River, 2.5 miles west of Trenton.

GAGE.--Continuous stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

DRAINAGE AREA.--8,620 square miles, of which approximately 3,940 square miles contributes directly to surface runoff.

PERIOD OF RECORD.--May 1953 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page. Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	50670	50740	51120	51990	53560	56490	58780	62660	67230	67120	57610	48290
2	50640	50740	51150	52020	53590	56520	58780	62800	67570	67080	57370	48200
3	50610	50740	51150	52020	53660	56630	58780	62940	67720	67010	57140	48200
4	50510	50640	51150	52020	53720	56630	58850	63080	67830	66750	56860	48170
5	50480	50740	51150	52060	53790	56800	58910	63150	67980	66420	56390	48140
6	50450	50740	51180	52150	54090	56830	58950	63150	68060	66200	55950	48140
7	50380	50740	51250	52150	54190	56970	59050	63470	68130	65650	55480	48040
8	50320	50700	51310	52190	54250	57030	59120	63730	68320	65280	55120	48010
9	50290	50510	51410	52220	54420	57140	59220	63760	68470	64990	54680	47980
10	50220	50510	51410	52280	54550	57240	59400	63870	68500	64520	54290	47980
11	50190	50510	51470	52280	54650	57310	59430	64050	68500	64200	54090	47920
12	50160	50510	51510	52320	54780	57270	59530	64120	68620	63840	53860	47920
13	50130	50510	51540	52350	54880	57340	59710	64310	68650	63510	53360	47830
14	50130	50480	51570	52380	54980	57440	59810	64380	68690	63150	53000	47800
15	50130	50700	51570	52420	55080	57510	59910	64410	68770	62730	52770	47730
16	50130	50700	51600	52450	55220	57610	59980	64450	68990	62300	52480	47700
17	50130	50700	51670	52510	55450	57680	60260	64450	69030	61880	52150	47700
18	50160	50700	51640	52580	55590	57750	60400	64520	68990	62020	51890	47640
19	50160	50700	51670	52680	55650	57750	60540	64700	68990	62020	51700	47610
20	50160	50800	51670	52800	55790	57850	61140	64740	68990	61630	51410	47610
21	50160	50800	51670	52840	55890	57920	61590	64590	68990	61310	51090	47550
22	50160	50800	51700	52900	55890	58020	61590	64630	68770	60960	50770	47490
23	50160	50830	51730	53060	55890	58120	61840	64630	68730	60540	50220	47580
24	50860	50830	51730	53100	55990	58190	62020	64740	68540	60160	50060	47800
25	50860	50860	51770	53160	56120	58260	62120	64920	68430	59740	49840	47890
26	50900	50900	51830	53230	56220	58360	62270	65610	68360	59430	49370	47890
27	50900	50930	51860	53300	56320	58400	62160	66160	68360	59020	49020	47890
28	50740	50960	51930	53360	56420	58470	62230	66270	67980	58670	48700	47890
29	50670	50990	51960	53390	---	58540	62300	66750	67680	58330	48510	47700
30	50740	51090	51960	53430	---	58640	62550	66860	67490	58050	48450	47580
31	50740	---	51990	53490	---	58710	---	67050	---	57820	48390	---
MEAN	50420	50740	51560	52620	55020	57590	60370	64480	68380	62660	52650	47860
MAX	50900	51090	51990	53490	56420	58710	62550	67050	69030	67120	57610	48290
MIN	50130	50480	51120	51990	53560	56490	58780	62660	67230	57820	48390	47490
CAL YEAR 2008	MEAN	51470		MAX	56390	MIN	45230					
WTR YEAR 2009	MEAN	56200		MAX	69030	MIN	47490					

REPUBLICAN RIVER BASIN

REPUBLICAN RIVER near Trenton, 00126700

LOCATION.--SE1/4NE1/4 Sec. 5-2-33 W., Hitchcock County, Lat. 40° 10' 10", Long. 101° 03' 35", in gate control house at right end of spillway on downstream side of Trenton Dam, 2.5 miles west of Trenton.

DRAINAGE AREA.--8,620 square miles, of which approximately 3,940 square miles contributes to surface runoff.

GAGE.--Rating of two 6'x 7.5' control gates.

PERIOD OF RECORD.--1995 - present; prior record was for Republican River at Trenton gage, 06829500, located 0.9 miles downstream.

REMARKS.--Current record for period June through August for gate releases from Swanson Reservoir. Record for Republican River at Trenton, 06829500, located 0.9 miles downstream was published by U.S. Geological Survey 1946 - 1993 and Department of Water Resources 1994.

DISCHARGE (CFS), WATER YEAR 2009

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO RELEASES FROM SWANSON RESERVOIR TO THE REPUBLICAN RIVER IN 2009.

REPUBLICAN RIVER BASIN

MEEKER-DRIFTWOOD CANAL from Republican River, 00087000

LOCATION.--SW1/4NW1/4 Sec. 9-2-33 W. below Trenton Dam

GAGE.--Continuous stage recorder and 12 ft. Parshall flume

PERIOD OF RECORD.--1957 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	130	106	---
2	---	---	---	---	---	---	---	---	---	142	106	---
3	---	---	---	---	---	---	---	---	---	158	127	---
4	---	---	---	---	---	---	---	---	---	155	170	---
5	---	---	---	---	---	---	---	---	---	154	204	---
6	---	---	---	---	---	---	---	---	---	164	213	---
7	---	---	---	---	---	---	---	---	---	185	189	---
8	---	---	---	---	---	---	---	---	48	204	175	---
9	---	---	---	---	---	---	---	---	69	210	174	---
10	---	---	---	---	---	---	---	---	88	199	161	---
11	---	---	---	---	---	---	---	---	99	193	155	---
12	---	---	---	---	---	---	---	---	89	193	155	---
13	---	---	---	---	---	---	---	---	83	194	155	---
14	---	---	---	---	---	---	---	---	83	202	155	---
15	---	---	---	---	---	---	---	---	83	198	156	---
16	---	---	---	---	---	---	---	---	83	194	155	---
17	---	---	---	---	---	---	---	---	93	159	133	---
18	---	---	---	---	---	---	---	---	98	138	122	---
19	---	---	---	---	---	---	---	---	98	136	123	---
20	---	---	---	---	---	---	---	---	99	138	122	---
21	---	---	---	---	---	---	---	---	99	153	134	---
22	---	---	---	---	---	---	---	---	99	171	140	---
23	---	---	---	---	---	---	---	---	99	178	140	---
24	---	---	---	---	---	---	---	---	99	176	165	---
25	---	---	---	---	---	---	---	---	99	175	184	---
26	---	---	---	---	---	---	---	---	125	175	179	---
27	---	---	---	---	---	---	---	---	138	175	172	---
28	---	---	---	---	---	---	---	---	138	177	71	---
29	---	---	---	---	---	---	---	---	138	150	0.00	---
30	---	---	---	---	---	---	---	---	149	115	0.00	---
31	---	---	---	---	---	---	---	---	---	105	0.00	---
TOTAL	0	0	0	0	0	0	0	0	2296	5196	4241	0
MEAN	---	---	---	---	---	---	---	---	99.8	167.6	136.8	---
MAX	---	---	---	---	---	---	---	---	149	210	213	---
MIN	---	---	---	---	---	---	---	---	48	105	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4554	10310	8412	0.00
CAL YEAR 2008												
WTR YEAR 2009	MAX	213.0	MIN	0.000	AC-FT	23270						

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Imperial, 06831500

LOCATION.--SW1/4NW1/4 Sec. 3-5-38 W., Chase County, Lat. 40°25'45", Long. 101°37'25", on right bank, 0.2 mile downstream from bridge on county road; 5.8 miles upstream from Enders Dam; 1 mile east and 6.1 miles south of Imperial.

DRAINAGE AREA.--880 square miles, approximately 720 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Elevation of the gage is approximately 3130 feet from topographic map.

PERIOD OF RECORD.--1940 - present (published as Frenchman River near Imperial 1965-1972)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,780 cubic feet per second June 12, 2007, gage height 10.01 feet; minimum daily discharge 1.7 cubic feet per second July 24 & 25, 2003 and July 31, August 1 and 6, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 14 cubic feet per second July 2, gage height 1.28 feet; minimum daily discharge 2.9 cubic feet per second October 1.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.9	3.3	3.7	4.1	3.8	4.3	4.7	6.8	4.6	5.2	4.7	3.5
2	3.0	3.3	3.9	4.2	3.9	4.4	4.7	6.2	5.2	8.3	4.6	3.4
3	3.0	3.3	3.7	4.2	3.9	4.5	4.7	6.6	5.3	6.3	4.4	3.4
4	3.1	3.3	3.7	4.1	4.0	4.5	5.0	6.5	5.0	5.7	4.3	3.4
5	3.1	3.3	3.7	4.0	4.0	4.4	5.1	6.0	4.7	5.4	4.1	3.4
6	3.1	3.2	3.9	4.0	4.0	4.3	5.4	5.7	4.6	5.3	4.1	3.4
7	3.1	3.2	3.9	4.0	3.9	4.4	5.4	5.5	4.6	5.6	4.0	3.3
8	3.1	3.3	3.9	4.1	4.0	4.5	5.2	5.6	4.8	5.2	3.9	3.2
9	3.0	3.3	3.7	4.1	6.4	4.5	5.2	5.5	4.7	5.0	3.7	3.2
10	3.1	3.7	3.8	4.1	5.2	4.5	5.4	6.0	5.2	4.9	5.2	3.2
11	3.4	4.2	3.8	4.0	4.6	4.4	5.3	6.0	6.6	5.0	4.2	3.1
12	5.0	4.2	3.8	3.9	4.3	4.5	5.5	5.7	6.8	4.9	3.9	3.1
13	4.5	4.3	3.8	4.0	4.5	4.5	5.7	5.4	5.9	4.8	4.1	3.1
14	3.8	4.2	3.3e	3.9	4.4	4.6	5.3	5.1	6.3	4.7	4.5	3.1
15	3.6	4.0	3.2e	4.0	4.3	4.5	5.2	5.0	8.8	4.4	4.4	3.0
16	3.5	3.9	3.2e	4.0	4.4	4.4	6.1	5.0	6.7	4.4	4.3	3.3
17	3.5	3.7	3.3e	3.9	4.4	4.4	8.7	5.0	7.1	6.3	4.4	3.6
18	3.3	3.7	3.5e	3.9	4.3	4.4	9.8	4.9	7.2	5.8	4.4	3.4
19	3.2	3.7	3.4e	3.9	4.3	4.4	7.4	4.7	6.8	5.1	4.2	3.3
20	3.1	3.8	3.4e	3.9	4.2	4.4	6.4	4.4	6.7	5.0	3.9	3.2
21	3.5	3.7	3.5	4.0	4.1	4.5	6.1	4.4	7.1	5.2	3.8	3.3
22	3.8	3.7	3.6	4.0	4.2	4.6	6.0	4.7	6.2	4.9	3.6	4.6
23	3.9	3.7	3.6	3.9	4.3	4.7	5.8	4.7	5.7	4.8	3.6	5.4
24	3.9	3.7	3.5	3.8	4.3	4.5	5.5	4.7	5.4	4.6	3.5	4.7
25	3.6	3.7	3.6	3.8	4.3	4.5	5.4	6.6	5.3	4.6	3.5	4.4
26	3.4	3.7	3.9	3.8	4.3	4.6	5.6	10	6.2	4.5	3.8	4.1
27	3.4	3.9	3.9	3.7	4.3	4.8	5.5	7.7	5.5	4.4	3.7	3.8
28	3.4	4.0	3.9	3.8	4.3	4.9	5.5	5.9	5.1	5.3	3.5	3.6
29	3.4	3.8	4.0	3.8	---	4.7	5.6	5.2	5.0	5.2	3.5	3.8
30	3.3	3.9	4.0	3.8	---	4.8	8.1	4.8	4.9	5.0	3.5	4.2
31	3.3	---	4.0	3.9	---	4.6	---	4.7	---	4.8	3.5	---
TOTAL	106.3	110.7	114.1	122.6	120.9	140	175.3	175	174	160.6	124.8	107.5
MEAN	3.4	3.7	3.7	4.0	4.3	4.5	5.8	5.7	5.8	5.2	4.0	3.6
MAX	5.0	4.3	4.0	4.2	6.4	4.9	9.8	10	8.8	8.3	5.2	5.4
MIN	2.9	3.2	3.2	3.7	3.8	4.3	4.7	4.4	4.6	4.4	3.5	3.0
AC-FT	211	220	226	243	240	278	348	347	345	319	248	213
CAL YEAR 2008 TOTAL			1490	MEAN	4.1	MAX	47.0	MIN	2.0	AC-FT	2955	
WTR YEAR 2009 TOTAL			1632	MEAN	4.5	MAX	10.0	MIN	2.9	AC-FT	3237	

E indicates estimate discharge.

ENDERS RESERVOIR near Enders, 06832000

LOCATION.--NE1/4 Sec. 9-5-37 W., Chase County, Lat. 40° 25' 14", Long. 101° 31' 00", near right bank in control house at outlet tube of Enders Dam on Frenchman Creek, 2.2 miles southeast of Enders.

GAGE.--Continuous stage recorder. Datum of gage is NAVD 83.

DRAINAGE AREA.--950 square miles, of which approximately 790 square miles contributes directly to surface runoff.

PERIOD OF RECORD.--October 1950 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page.
Published by U. S. Geological Survey up to October 1, 2006.

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15150	15240	15350	15370	15440	15560	15550	15870	15990	16060	15860	15380
2	15130	15230	15370	15370	15440	15560	15550	15880	16000	16150	15830	15360
3	15110	15220	15360	15380	15430	15560	15530	15900	16060	16140	15830	15360
4	15090	15210	15360	15390	15430	15560	15490	15910	16040	16140	15800	15330
5	15100	15240	15330	15370	15450	15560	15580	15930	16040	16100	15760	15320
6	15070	15240	15340	15380	15450	15560	15560	15930	16040	16080	15740	15310
7	15040	15240	15340	15390	15450	15550	15560	15910	16010	16120	15810	15270
8	15030	15240	15360	15400	15450	15560	15550	15930	16020	16100	15710	15260
9	15010	15250	15350	15380	15480	15560	15540	15910	16000	16060	15670	15250
10	14990	15250	15330	15390	15530	15540	15560	15920	16010	16060	15750	15240
11	14970	15340	15340	15400	15540	15550	15550	15930	16040	16060	15760	15210
12	15060	15320	15340	15400	15550	15550	15550	15930	16070	16040	15740	15200
13	15140	15330	15330	15400	15550	15550	15580	15920	16060	16040	15720	15190
14	15130	15350	15360	15400	15560	15550	15580	15900	16070	16030	15720	15170
15	15120	15350	15330	15400	15560	15550	15570	15890	16140	15990	15720	15160
16	15130	15350	15350	15420	15570	15550	15590	15860	16160	15960	15700	15150
17	15140	15350	15350	15410	15570	15550	15630	15850	16190	15950	15690	15130
18	15150	15360	15340	15400	15570	15550	15740	15840	16200	16040	15670	15110
19	15150	15370	15360	15400	15600	15540	15750	15830	16150	16040	15650	15100
20	15150	15370	15350	15400	15570	15540	15760	15810	16160	16000	15640	15080
21	15150	15360	15370	15400	15580	15540	15760	15800	16190	15980	15610	15080
22	15190	15360	15350	15400	15560	15550	15760	15820	16180	15960	15590	15070
23	15230	15370	15370	15400	15560	15550	15750	15810	16160	15930	15550	15160
24	15230	15370	15380	15400	15560	15560	15750	15820	16150	15910	15540	15170
25	15240	15350	15380	15410	15560	15530	15730	15830	16140	15920	15530	15190
26	15240	15360	15370	15400	15570	15530	15730	15960	16130	15910	15520	15180
27	15230	15360	15370	15410	15570	15560	15730	16030	16130	15890	15510	15190
28	15230	15370	15360	15430	15580	15550	15720	16020	16100	15900	15480	15150
29	15240	15360	15360	15420	---	15560	15710	16010	16090	15920	15460	15130
30	15240	15370	15370	15430	---	15540	15870	16010	16070	15900	15430	15110
31	15240	---	15370	15430	---	15560	---	15990	---	15880	15410	---
TOTAL	469320	459480	475990	477380	434730	482080	469280	492950	482790	496260	485400	456010
MEAN	15140	15320	15350	15400	15530	15550	15640	15900	16090	16010	15660	15200
MAX	15240	15370	15380	15430	15600	15560	15870	16030	16200	16150	15860	15380
MIN	14970	15210	15330	15370	15430	15530	15490	15800	15990	15880	15410	15070
AC-FT	930900	911400	944100	946900	862300	956200	930800	977800	957600	984300	962800	904500
CAL YEAR 2008	MEAN	16230		MAX	17130	MIN	14970					
WTR YEAR 2009	MEAN	15570		MAX	16200	MIN	14970					

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Enders, 06832500

LOCATION.--NW1/4NW1/4 Sec. 10-5-37 W., Chase County, Latitude 40°25'15", Long. 101°30'35", on left bank about 75 feet downstream from county bridge, about 1/4 mile downstream from Enders Dam and Highway 61, and 2.5 miles southeast of Enders.

DRAINAGE AREA.--950 square miles; approximately 790 square miles contributes directly to surface runoff. Almost all drainage above gage is controlled by Enders Dam.

GAGE.--Continuous stage recorder. Gage datum is 3,026.22 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1946 - 1994 continuous all year record, 1995 - presently operated during irrigation season when water is released from Enders Reservoir.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

DISCHARGE (CFS), WATER YEAR 2009

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO RELEASES WERE MADE IN 2009 FROM ENDERS RESERVOIR.

REPUBLICAN RIVER BASIN

STINKING WATER CREEK near Palisade, 06835000

LOCATION.--SW1/4NW1/4 Sec. 30-5-33 W., Hayes County, Lat. 40°22'23", Long. 101°07'01", on right bank 25 feet downstream from 96 inch corrugated metal pipe, 1.25 miles upstream from mouth, and 1.75 miles northwest of Palisade.

DRAINAGE AREA.--Approximately 1,500 square miles; approximately 380 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,750.99 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1949 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,030 cubic feet per second on June 17, 1956, gage height 11.30 feet; minimum daily discharge 4.5 cubic feet per second July 31 & August 1, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 112 cubic feet per second June 17, gage height 4.94 feet; minimum daily discharge 8.5 cubic feet per second September 21.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.9	13	16	14e	18e	18e	16	45	14	15	15	9.1
2	8.9	13	16	13e	16e	19	16	35	14	15	14	9.2
3	9.0	14	15	13e	17e	19	16	26	15	14	13	9.2
4	9.0	14	15e	12e	18e	19	16	23	16	14	13	9.1
5	8.9	14	15e	12e	18e	19	17	23	16	13	12	9.0
6	9.3	13	15	12e	19e	19	17	22	15	13	12	9.0
7	9.4	14	15	13e	19e	19	17	21	14	13	11	9.0
8	9.5	14	16	13e	18e	19	18	19	14	13	11	9.0
9	9.2	14	16e	14e	17e	19	18	18	13	13	11	9.0
10	9.4	15	16e	14e	16e	18	17	17	13	13	11	9.0
11	9.4	15	15	13e	17e	18	18	17	15	13	11	9.0
12	16	15	15	13e	16e	18	18	17	17	13	13	9.3
13	19	16	15	14e	16e	18	18	17	18	13	12	9.1
14	19	17	14e	14e	15e	18	19	16	17	13	11	8.9
15	17	17	13e	13e	14e	18	19	16	27	13	11	8.9
16	14	17	13e	13e	15e	18	19	15	103	12	10	9.0
17	13	17	13e	15e	16e	18	21	14	66	16	11	8.7
18	12	16	14e	14e	18e	17	25	14	28	35	11	8.7
19	11	16	13e	15e	17e	16	30	13	22	32	11	8.7
20	11	16	13e	15e	17e	16	32	13	19	20	10	8.8
21	11	15	12e	15e	18e	16	26	12	18	15	10	8.5
22	11	15	12e	15e	18e	16	23	12	18	14	10.0	9.3
23	12	15	11e	16e	18e	15	21	13	17	13	9.8	11
24	15	14	11e	14e	19e	16	19	13	16	13	9.5	15
25	15	14	12e	13e	20e	16	18	15	16	13	9.7	14
26	14	14	14e	12e	19e	16	18	18	17	12	9.4	14
27	14	14	15e	12e	19e	16	17	19	21	13	9.6	13
28	14	14	14e	13e	18e	16	17	22	17	13	9.4	11
29	13	14	14e	14e	---	16	17	20	15	14	9.2	11
30	14	14	14e	15e	---	16	35	18	16	15	9.4	9.8
31	14	---	14e	16e	---	16	---	15	---	17	9.3	---
TOTAL	379.9	443	436	424	486	538	598	578	647	468	339.3	296.3
MEAN	12.3	14.9	14.1	13.7	17.4	17.4	20.0	18.8	21.6	15.1	10.9	9.9
MAX	19	17	16	16	20	19	35	45	103	35	15	15
MIN	8.9	13	11	12	14	15	16	12	13	12	9.2	8.5
AC-FT	754	879	865	841	964	1067	1186	1146	1283	928	673	588
CAL YEAR 2008	TOTAL		6170	MEAN	16.9	MAX	216.0	MIN	7.1	AC-FT	12240	
WTR YEAR 2009	TOTAL		5633	MEAN	15.4	MAX	103.0	MIN	8.5	AC-FT	11170	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

CULBERTSON CANAL from Frenchman River, 00035000

LOCATION.--SW1/4NW1/4 Sec. 32-5-33 W. near Palisade

GAGE.--Continuous stage recorder and Parshall flume

PERIOD OF RECORD.--1920 - present

REMARKS.--Values are furnished by United States Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	32	39	39	32	24
2	---	---	---	---	---	---	---	33	39	39	31	22
3	---	---	---	---	---	---	---	34	36	40	31	22
4	---	---	---	---	---	---	---	33	35	40	32	22
5	---	---	---	---	---	---	---	33	35	37	31	21
6	---	---	---	---	---	---	---	33	35	37	31	21
7	---	---	---	---	---	---	---	36	35	37	31	20
8	---	---	---	---	---	---	---	37	35	37	30	21
9	---	---	---	---	---	---	---	37	34	36	29	10
10	---	---	---	---	---	---	---	36	34	35	29	0.00
11	---	---	---	---	---	---	---	42	34	38	30	0.00
12	---	---	---	---	---	---	---	45	34	36	31	0.00
13	---	---	---	---	---	---	---	46	34	36	30	0.00
14	---	---	---	---	---	---	---	44	37	36	29	0.00
15	---	---	---	---	---	---	---	44	41	35	29	0.00
16	---	---	---	---	---	---	---	43	42	33	29	0.00
17	---	---	---	---	---	---	---	42	41	34	29	0.00
18	---	---	---	---	---	---	---	42	40	36	28	0.00
19	---	---	---	---	---	---	---	41	41	34	28	0.00
20	---	---	---	---	---	---	---	40	40	34	28	0.00
21	---	---	---	---	---	---	22	39	40	34	28	0.00
22	---	---	---	---	---	---	37	39	39	33	27	0.00
23	---	---	---	---	---	---	40	40	38	31	26	0.00
24	---	---	---	---	---	---	43	42	38	31	26	0.00
25	---	---	---	---	---	---	44	44	40	29	26	0.00
26	---	---	---	---	---	---	44	39	40	29	26	0.00
27	---	---	---	---	---	---	36	37	40	31	26	---
28	---	---	---	---	---	---	32	41	40	31	26	---
29	---	---	---	---	---	---	32	40	40	31	26	---
30	---	---	---	---	---	---	32	40	40	31	26	---
31	---	---	---	---	---	---	---	40	---	31	26	---
TOTAL	0	0	0	0	0	0	362	1214	1136	1071	887	183
MEAN	---	---	---	---	---	---	36.2	39.1	37.9	34.6	28.6	7.1
MAX	---	---	---	---	---	---	44	46	42	40	32	24
MIN	---	---	---	---	---	---	22	32	34	29	26	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	718	2408	2253	2124	1759	363
CAL YEAR 2008												
WTR YEAR 2009	MAX		46.0	MIN	0.000	AC-FT	9626					

RIVERSIDE CANAL from Frenchman River, 00127000

LOCATION.--NE1/4SE1/4 Sec. 33-4-32 W. near Culbertson

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1920 - 1925, 1927, 1937 - 1941, 1953 - 1958, 1963 - present

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	13	6.5	5.5	6.4
2	---	---	---	---	---	---	---	---	13	7.0	4.8	6.7
3	---	---	---	---	---	---	---	---	13	7.0	4.6	6.8
4	---	---	---	---	---	---	---	---	14	7.0	4.4	7.1
5	---	---	---	---	---	---	---	---	15	7.1	4.3	7.3
6	---	---	---	---	---	---	---	---	15	7.0	3.9	6.9
7	---	---	---	---	---	---	---	---	14	7.1	3.6	6.7
8	---	---	---	---	---	---	---	---	14	7.1	3.1	6.9
9	---	---	---	---	---	---	---	---	14	7.1	2.7	7.9
10	---	---	---	---	---	---	---	---	17	7.3	2.3	9.6
11	---	---	---	---	---	---	---	---	20	7.5	1.9	8.8
12	---	---	---	---	---	---	---	---	21	7.7	1.7	8.7
13	---	---	---	---	---	---	---	---	21	7.3	1.5	8.7
14	---	---	---	---	---	---	---	---	21	7.4	1.3	8.7
15	---	---	---	---	---	---	---	---	20	7.4	1.3	8.8
16	---	---	---	---	---	---	---	---	22	7.4	1.5	8.8
17	---	---	---	---	---	---	---	---	21	8.3	2.1	8.8
18	---	---	---	---	---	---	---	---	19	10	2.0	8.8
19	---	---	---	---	---	---	---	---	18	11	2.2	8.8
20	---	---	---	---	---	---	---	---	17	8.6	2.6	8.8
21	---	---	---	---	---	---	---	---	17	7.9	3.1	8.8
22	---	---	---	---	---	---	---	---	16	7.5	4.0	8.9
23	---	---	---	---	---	---	---	0.00e	16	7.4	4.7	9.1
24	---	---	---	---	---	---	---	15e	16	7.3	5.0	9.3
25	---	---	---	---	---	---	---	14e	16	7.2	5.1	9.7
26	---	---	---	---	---	---	---	14e	14	7.3	5.4	9.6
27	---	---	---	---	---	---	---	14e	12	7.1	5.6	9.6
28	---	---	---	---	---	---	---	14e	6.6	6.9	5.8	9.4
29	---	---	---	---	---	---	---	14e	5.5	7.1	6.0	8.9
30	---	---	---	---	---	---	---	14e	6.3	6.6	6.1	9.3
31	---	---	---	---	---	---	---	14e	---	6.2	6.3	---
TOTAL	0	0	0	0	0	0	0	113	467.4	231.3	114.4	252.6
MEAN	---	---	---	---	---	---	---	12.2	15.6	7.5	3.7	8.4
MAX	---	---	---	---	---	---	---	15	22	11	6.3	9.7
MIN	---	---	---	---	---	---	---	0.00	5.5	6.2	1.3	6.4
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224	927	459	227	501

CAL YEAR 2008

WTR YEAR 2009 MAX 22.0 MIN 0.000 AC-FT 2338

REPUBLICAN RIVER BASIN

RED WILLOW CREEK above Hugh Butler Lake, 6837300

LOCATION.--NE1/4SE1/4 Sec. 13-5-31 W., Hayes County, Lat. 40°24'05", Long. 100°46'45", on the left bank 15 feet upstream from the County road bridge; 7.0 miles upstream from Red Willow Dam; 12 miles northeast of Culbertson and 16 miles north west of McCook.

DRAINAGE AREA.--Approximately 600 square miles; approximately 200 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,588.80 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1960 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,020 cubic feet per second June 16, 1972, gage height 13.27 feet (at different datum); minimum daily discharge 2.5 cubic feet per second August 1 & 4, 2005 and July 20, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 34 cubic feet per second May 27, gage height 4.61 feet; maximum gage height 4.85 feet January 28 due to backwater from ice conditions; minimum daily discharge 7.4 cubic feet per second estimated January 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.8	14	14	10e	15	12e	16	16	17	9.9	11	8.5
2	7.7	14	13	9.7e	15	12e	16	15	16	9.7	9.8	8.6
3	7.6	13	12e	8.7e	15	13	16	15	15	9.4	9.4	8.8
4	7.9	13	12e	8.0e	15	13	16	15	15	9.2	9.1	9.1
5	7.8	13	12e	7.4e	15	13	17	15	15	9.1	9.0	9.5
6	8.3	13	13e	7.6e	15	13	16	16	14	9.0	8.8	9.6
7	8.6	13	13	8.0e	15	13e	15	16	14	9.0	8.8	9.3
8	10	13	13	8.7e	15e	11e	14	16	14	9.1	8.7	9.7
9	11	13	13	9.6e	16e	12e	15	16	13	9.2	8.5	11
10	11	13	13e	9.1e	16e	12e	15	16	13	9.1	8.6	11
11	11	13	14e	8.7e	16e	11e	16	16	15	9.3	8.7	11
12	11	13	14e	8.4e	17e	11e	16	16	16	10	8.9	11
13	20	13	13e	8.0e	16e	11e	16	15	16	10	8.8	12
14	21	14	9.7e	8.9e	15e	12e	17	15	15	9.7	8.9	11
15	20	14	8.8e	8.3e	15e	13	17	15	15	9.5	11	12
16	16	14	8.5e	9.0e	15e	13	18	14	15	9.4	14	12
17	14	13	8.3e	9.7e	15e	14	18	14	15	9.5	10	11
18	13	13	8.7e	10e	15e	14	20	13	16	9.7	10	9.8
19	12	14	8.2e	10e	15e	14	22	13	18	9.8	14	9.1
20	11	14	8.2e	11e	14e	14	22	13	18	9.8	16	9.0
21	10	14	8.0e	12e	14e	15	25	13	16	9.6	13	9.0
22	12	14	7.8e	12e	13e	15	23	13	15	9.6	11	9.9
23	14	14	7.9e	10e	13e	15	20	16	13	9.5	10	11
24	16	14	8.2e	9.8e	13e	16	18	15	12	9.5	9.4	13
25	16	14	8.4e	9.2e	12e	16	16	15	11	9.5	9.4	14
26	17	14	8.8e	9.2e	13e	16	15	30	12	9.4	9.5	13
27	17	14	9.3e	8.9e	13e	16	14	31	11	9.3	9.5	12
28	16	14	9.9e	8.8e	12e	16	14	24	12	9.8	9.1	11
29	15	14	9.8e	9.7e	---	16	14	21	11	12	9.1	10
30	15	14	10e	11e	---	16	16	21	11	17	9.3	10
31	14	---	10e	12e	---	16	---	21	---	14	9.0	---
TOTAL	398.7	407	327.5	291.4	408	424	513	520	429	308.6	310.3	315.9
MEAN	12.9	13.5	10.6	9.4	14.5	13.5	17.1	16.7	14.4	10.0	10.0	10.5
MAX	21	14	14	12	17	16	25	31	18	17	16	14
MIN	7.6	13	7.8	7.4	12	11	14	13	11	9.0	8.5	8.5
AC-FT	791	807	650	578	809	841	1018	1031	851	612	615	627
CAL YEAR 2008 TOTAL			6081	MEAN	16.6	MAX	410.0	MIN	6.3	AC-FT	12060	
WTR YEAR 2009 TOTAL			4653	MEAN	12.7	MAX	31.0	MIN	7.4	AC-FT	9230	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HUGH BUTLER LAKE near McCook, 06837390

LOCATION.--SW1/4NW1/4 Sec. 31-5-29 W., Frontier County, Lat. 40° 21' 35", 100° 39' 55", in gate control house at outlet tube of Red Willow Dam on Red Willow Creek, 12 miles north of McCook.

DRAINAGE AREA.--730 square miles, of which approximately 310 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1961 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page.
Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2009												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25740	26130	26260	26470	26840	27280	27470	28320	28810	28880	25980	23340
2	25700	26140	26290	26480	26820	27280	27470	28320	28780	28850	25920	23310
3	25670	26170	26290	26510	26820	27310	27500	28320	28780	28810	25880	23310
4	25670	26140	26290	26480	26860	27310	27470	28380	28750	28750	25790	23310
5	25660	26170	26290	26510	26860	27330	27600	28380	28750	28650	25670	23310
6	25640	26170	26290	26510	26890	27330	27570	28380	28750	28560	25550	23310
7	25640	26170	26330	26510	26890	27330	27530	28420	28750	28450	25390	23290
8	25640	26140	26330	26550	26890	27330	27570	28420	28780	28350	25240	23290
9	25620	26140	26330	26550	26960	27380	27570	28380	28750	28150	25090	23290
10	25620	26100	26330	26570	26990	27380	27600	28420	28750	27990	24940	23290
11	25580	26190	26330	26570	27010	27330	27600	28420	28780	27900	24820	23250
12	25580	26190	26360	26600	27060	27330	27600	28420	28880	27800	24690	23250
13	25740	26190	26360	26600	27060	27380	27660	28450	28850	27660	24550	23250
14	25760	26230	26420	26640	27110	27380	27660	28450	28850	27500	24430	23230
15	25860	26230	26330	26640	27110	27380	27700	28380	28880	27330	24460	23230
16	25860	26230	26330	26640	27150	27400	27700	28380	28910	27280	24390	23230
17	25920	26230	26360	26640	27180	27400	27750	28350	28910	27210	24340	23230
18	25920	26230	26360	26670	27210	27430	27950	28350	28910	27180	24250	23230
19	25920	26260	26380	26700	27180	27430	28020	28350	29010	27180	24210	23200
20	25920	26260	26380	26700	27210	27430	28020	28320	29010	27010	24160	23160
21	25920	26230	26420	26700	27210	27430	28050	28320	29080	26920	24100	23200
22	26040	26230	26420	26740	27240	27470	28080	28280	29080	26820	23980	23160
23	26070	26250	26380	26740	27240	27500	28120	28250	29080	26740	23830	23200
24	26070	26260	26380	26740	27240	27500	28150	28350	29040	26640	23750	23290
25	26070	26260	26400	26740	27280	27470	28150	28420	29040	26550	23750	23310
26	26070	26260	26410	26740	27310	27500	28150	28510	29140	26420	23630	23310
27	26070	26270	26420	26770	27280	27500	28150	28680	29110	26330	23490	23340
28	26070	26290	26440	26770	27280	27500	28120	28710	29080	26190	23430	23310
29	26100	26290	26450	26790	---	27500	28150	28750	29040	26170	23400	23310
30	26100	26330	26480	26790	---	27500	28320	28750	28940	26100	23400	23290
31	26100	---	26450	26790	---	27500	---	28780	---	26040	23380	---
MEAN	25850	26210	26360	26640	27080	27400	27810	28430	28910	27430	24510	23270
MAX	26100	26330	26480	26790	27310	27500	28320	28780	29140	28880	25980	23340
MIN	25580	26100	26260	26470	26820	27280	27470	28250	28750	26040	23380	23160
CAL YEAR 2008	MEAN	26420		MAX	29510	MIN	24990					
WTR YEAR 2009	MEAN	26660		MAX	29140	MIN	23160					

REPUBLICAN RIVER BASIN

RED WILLOW CREEK near McCook, 06837500

LOCATION.--SW1/4NW1/4 Sec. 6-4-29 W., Red Willow County, Lat. 40° 20' 50", Long. 100° 38' 35", on left bank 45 feet downstream from the bridge on U.S. Highway 83, 3.0 miles downstream from Red Willow Dam, 10 miles north of McCook.

DRAINAGE AREA.--740 square miles, of which approximately 320 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2485.97 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1940 - 1947, Annual peaks 1958 - 1960, 1960 - 1993 by U.S.G.S., October 1993 - 1994 by Department of Water Resources, partial year record 1995 - present. See U.S.G.S. publication WSP 1310 for other periods.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.7	---	---	---	---	---	---	4.2	3.6	27	31	4.4
2	4.7	---	---	---	---	---	---	3.9	3.8	31	31	4.3
3	4.5	---	---	---	---	---	---	4.3	3.8	34	35	4.3
4	4.7	---	---	---	---	---	---	4.3	3.7	33	59	4.3
5	4.6	---	---	---	---	---	---	4.2	3.7	34	69	4.3
6	5.1	---	---	---	---	---	---	3.9	3.7	46	88	4.4
7	5.0	---	---	---	---	---	---	3.9	3.8	54	88	4.3
8	4.9	---	---	---	---	---	---	4.0	3.8	80	88	4.2
9	---	---	---	---	---	---	---	4.1	3.8	104	89	4.3
10	---	---	---	---	---	---	---	4.4	3.5	99	89	---
11	---	---	---	---	---	---	---	4.5	3.5	88	85	---
12	---	---	---	---	---	---	---	4.5	3.6	80	76	---
13	---	---	---	---	---	---	---	3.3	3.7	81	63	---
14	---	---	---	---	---	---	---	3.6	3.4	81	46	---
15	---	---	---	---	---	---	---	3.6	3.2	78	46	---
16	---	---	---	---	---	---	---	3.5	3.1	58	46	---
17	---	---	---	---	---	---	---	3.5	2.7	37	43	---
18	---	---	---	---	---	---	---	3.4	2.6	36	35	---
19	---	---	---	---	---	---	---	3.4	2.6	36	31	---
20	---	---	---	---	---	---	---	3.4	2.4	36	33	---
21	---	---	---	---	---	---	3.9	3.4	2.4	36	47	---
22	---	---	---	---	---	---	4.2	3.4	2.0	37	48	---
23	---	---	---	---	---	---	4.2	3.4	1.9	40	68	---
24	---	---	---	---	---	---	3.9	4.3	2.0	60	81	---
25	---	---	---	---	---	---	4.1	3.7	1.9	61	83	---
26	---	---	---	---	---	---	4.4	4.9	2.1	60	83	---
27	---	---	---	---	---	---	4.1	4.3	1.7	61	70	---
28	---	---	---	---	---	---	4.1	3.9	13	58	11	---
29	---	---	---	---	---	---	4.0	3.8	35	40	4.7	---
30	---	---	---	---	---	---	4.5	3.6	27	35	4.6	---
31	---	---	---	---	---	---	---	3.6	---	31	4.4	---
TOTAL	38.2	0	0	0	0	0	41.4	120.2	157	1672	1675.7	38.8
MEAN	4.8	---	---	---	---	---	4.1	3.9	5.2	54.0	53.9	4.3
MAX	5.1	---	---	---	---	---	4.5	4.9	35	104	89	4.4
MIN	4.5	---	---	---	---	---	3.9	3.3	1.7	27	4.4	4.2
AC-FT	76	0.00	0.00	0.00	0.00	0.00	82	238	311	3316	3324	77
CAL YEAR 2008	TOTAL		3743	MEAN	22.1	MAX	72.0	MIN	3.2	AC-FT	7424	
WTR YEAR 2009	TOTAL		3743	MEAN	25.0	MAX	104.0	MIN	1.7	AC-FT	7425	

REPUBLICAN RIVER BASIN

RED WILLOW CANAL from Red Willow Creek, 00126000

LOCATION.--SW1/4SE1/4 Sec 25-4-29 W. near Red Willow

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1963 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	31	36	---
2	---	---	---	---	---	---	---	---	---	12	36	---
3	---	---	---	---	---	---	---	---	---	39	35	---
4	---	---	---	---	---	---	---	---	---	40	40	---
5	---	---	---	---	---	---	---	---	---	40	42	---
6	---	---	---	---	---	---	---	---	---	44	45	---
7	---	---	---	---	---	---	---	---	---	54	48	---
8	---	---	---	---	---	---	---	---	---	55	48	---
9	---	---	---	---	---	---	---	---	---	67	49	---
10	---	---	---	---	---	---	---	---	---	71	49	---
11	---	---	---	---	---	---	---	---	---	66	47	---
12	---	---	---	---	---	---	---	---	---	64	45	---
13	---	---	---	---	---	---	---	---	---	61	39	---
14	---	---	---	---	---	---	---	---	---	60	32	---
15	---	---	---	---	---	---	---	---	---	61	30	---
16	---	---	---	---	---	---	---	---	---	54	30	---
17	---	---	---	---	---	---	---	---	---	42	29	---
18	---	---	---	---	---	---	---	---	---	40	27	---
19	---	---	---	---	---	---	---	---	---	40	26	---
20	---	---	---	---	---	---	---	---	---	39	28	---
21	---	---	---	---	---	---	---	---	---	38	34	---
22	---	---	---	---	---	---	---	---	0.10	40	37	---
23	---	---	---	---	---	---	---	---	0.00	41	38	---
24	---	---	---	---	---	---	---	---	0.00	47	46	---
25	---	---	---	---	---	---	---	---	0.00	56	51	---
26	---	---	---	---	---	---	---	---	0.00	57	51	---
27	---	---	---	---	---	---	---	---	0.00	55	51	---
28	---	---	---	---	---	---	---	---	0.00	48	18	---
29	---	---	---	---	---	---	---	---	0.00	44	0.40	---
30	---	---	---	---	---	---	---	---	28	43	0.34	---
31	---	---	---	---	---	---	---	---	---	39	---	---
TOTAL	0	0	0	0	0	0	0	0	28.1	1488	1087.74	0
MEAN	---	---	---	---	---	---	---	---	3.1	48.0	36.3	---
MAX	---	---	---	---	---	---	---	---	28	71	51	---
MIN	---	---	---	---	---	---	---	---	0.00	12	0.34	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56	2951	2158	0.00
CAL YEAR 2008	MAX	48.0	MIN	0.000	AC-FT	4090						
WTR YEAR 2009	MAX	71.0	MIN	0.000	AC-FT	5165						

REPUBLICAN RIVER BASIN

BARTLEY CANAL from Republican River, 00006000

LOCATION.--NW1/4SW1/4 Sec. 16-3-27 W. near Indianola

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1955 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	40	36	44	21	---
2	---	---	---	---	---	---	---	40	36	44	21	---
3	---	---	---	---	---	---	---	40	36	44	25	---
4	---	---	---	---	---	---	---	44	36	44	26	---
5	---	---	---	---	---	---	---	47	36	44	31	---
6	---	---	---	---	---	---	---	47	36	44	39	---
7	---	---	---	---	---	---	---	47	36	44	46	---
8	---	---	---	---	---	---	---	46	35	42	48	---
9	---	---	---	---	---	---	---	47	35	42	49	---
10	---	---	---	---	---	---	0.00	47	35	47	52	---
11	---	---	---	---	---	---	0.00	47	35	52	53	---
12	---	---	---	---	---	---	0.00	47	34	53	53	---
13	---	---	---	---	---	---	26	47	34	51	51	---
14	---	---	---	---	---	---	47	47	34	49	42	---
15	---	---	---	---	---	---	32	47	34	43	38	---
16	---	---	---	---	---	---	33	47	35	33	38	---
17	---	---	---	---	---	---	33	47	35	27	38	---
18	---	---	---	---	---	---	33	47	35	27	38	---
19	---	---	---	---	---	---	33	47	35	27	38	---
20	---	---	---	---	---	---	32	45	35	25	38	---
21	---	---	---	---	---	---	33	43	35	25	43	---
22	---	---	---	---	---	---	37	43	34	25	45	---
23	---	---	---	---	---	---	36	42	34	26	44	---
24	---	---	---	---	---	---	36	44	41	31	50	---
25	---	---	---	---	---	---	36	47	41	34	54	---
26	---	---	---	---	---	---	36	44	43	34	54	---
27	---	---	---	---	---	---	29	43	44	37	54	---
28	---	---	---	---	---	---	40	42	44	30	22	---
29	---	---	---	---	---	---	40	40	44	23	5.5	---
30	---	---	---	---	---	---	40	36	44	21	0.00	---
31	---	---	---	---	---	---	---	36	---	21	0.00	---
TOTAL	0	0	0	0	0	0	632	1373	1107	1133	1156.5	0
MEAN	---	---	---	---	---	---	30.1	44.3	36.9	36.5	37.3	---
MAX	---	---	---	---	---	---	47	47	44	53	54	---
MIN	---	---	---	---	---	---	0.00	36	34	21	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1254	2723	2196	2247	2294	0.00
CAL YEAR 2008												
WTR YEAR 2009	MAX		54.0	MIN		0.000	AC-FT	10710				

FOX CREEK at Curtis, 06840000

LOCATION.--SE1/4NW1/4 Sec. 27-8-28 W., Frontier County, Lat. 40°38'00", Long. 100° 29'20", on left bank 15 ft. upstream from bridge on State Highway 23, 0.5 miles upstream from mouth, and 1 mile east of Curtis, NE.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1951 - 1958, 1978 - December 31, 1994, Oct. 1, 2007 - present

REMARKS.--Published by U. S. Geological Survey 1951 - 1958, 1958 - 1991, peak flows published 1960 - 1970. Records are fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 23 cubic feet per second August 15, gage height 6.75 feet; minimum daily discharge 4.2 cubic feet per second August 23 & 24.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.6	6.9	7.6	9.7	7.3	7.0	8.1	6.8	6.7	5.9	4.7	4.4
2	5.7	6.9	7.7	9.8	7.1	7.1	8.0	6.7	11	5.9	4.6	4.5
3	5.8	7.0	7.8	9.9	7.0	7.2	8.0	6.9	7.2	5.9	4.5	4.8
4	5.9	7.2	7.9	9.8	6.9	7.1	8.3	7.1	6.9	5.9	5.0	4.7
5	6.1	7.3	8.0	9.8	6.9	6.9	8.9	7.0	6.9	5.9	4.7	4.9
6	6.3	7.5	8.1	9.9	7.0	6.8	8.4	6.9	6.8	5.8	4.6	4.6
7	6.5	7.6	8.2	9.7	7.0	6.7	8.4	6.8	6.8	5.8	4.7	4.7
8	6.3	8.0	8.3	9.6	7.0	6.8	8.4	6.7	6.9	5.8	4.5	5.1
9	6.6	8.2	8.3	9.5	7.3	6.7	8.2	6.6	6.8	5.6	4.5	5.6
10	6.1	8.2	8.3	9.2	7.6	6.7	8.2	6.8	7.0	5.6	4.7	5.8
11	6.0	8.3	8.4	9.1	7.2	6.6	8.0	7.0	8.2	5.5	4.6	6.0
12	6.8	8.3	8.5	9.1	7.2	6.6	8.1	7.1	7.8	4.8	4.5	6.3
13	10	8.3	8.6	9.1	7.2	6.7	8.1	7.1	7.2	4.6	4.4	6.1
14	6.8	8.2	8.6	9.1	7.2	6.9	7.8	6.9	7.0	4.7	4.3	6.0
15	5.6	8.2	8.4e	8.9	7.3	7.0	7.8	7.1	7.0	5.1	13	6.4
16	5.2	8.1	8.5e	8.8	7.3	7.0	7.7	6.8	7.1	5.3	5.2	7.0
17	5.1	8.1	8.6e	8.8e	7.5	6.9	8.1	6.8	6.8	5.4	4.5	7.3
18	4.9	8.1	8.6e	8.7	7.5	6.9	9.0	6.8	6.7	4.7	4.5	7.0
19	5.0	8.0	8.7e	8.7	7.5	6.8	8.3	6.7	6.7	4.6	4.6	6.9
20	5.9	8.0	8.8e	8.5	7.6	6.7	7.7	6.6	6.8	4.5	4.5	6.9
21	6.7	8.1	8.9e	8.4	7.6	6.6	7.5	6.7	6.7	4.9	4.4	7.4
22	7.7	8.0	9.0e	8.2	7.6	6.8	7.3	8.1	6.5	4.9	4.3	6.4
23	7.8	7.9	9.1e	8.1	7.7	6.9	7.2	8.6	6.3	5.0	4.2	6.4
24	7.3	7.9	9.2	8.0	7.7	7.0	6.9	9.1	6.2	5.2	4.2	5.9
25	6.8	7.9	9.3	7.9	7.7	7.2	6.8	7.3	6.1	4.9	4.6	5.5
26	6.5	7.8	9.5	7.8	7.4	7.2	7.0	7.6	8.0	4.8	4.5	5.1
27	6.4	7.7	9.5	7.6	7.1	7.2	7.0	8.0	7.0	4.8	4.5	5.9
28	6.5	7.8	9.5	7.6	6.9	7.4	7.0	7.4	6.2	4.8	4.5	6.2
29	6.6	7.8	9.5	7.5	---	7.5	7.2	6.9	6.0	5.0	4.4	6.5
30	7.0	7.7	9.6	7.4	---	7.7	8.5	6.7	6.0	5.0	4.3	6.8
31	7.0	---	9.6	7.4	---	7.9	---	6.7	---	4.8	4.3	---
TOTAL	198.5	235	268.6	271.6	204.3	216.5	235.9	220.3	209.3	161.4	148.8	177.1
MEAN	6.4	7.8	8.7	8.8	7.3	7.0	7.9	7.1	7.0	5.2	4.8	5.9
MAX	10	8.3	9.6	9.9	7.7	7.9	9.0	9.1	11	5.9	13	7.4
MIN	4.9	6.9	7.6	7.4	6.9	6.6	6.8	6.6	6.0	4.5	4.2	4.4
AC-FT	394	466	533	539	405	429	468	437	415	320	295	351

CAL YEAR 2008 TOTAL 4162 MEAN 11.4 MAX 751.0 MIN 4.0 AC-FT 8256
 WTR YEAR 2009 TOTAL 2547 MEAN 7.0 MAX 13.0 MIN 4.2 AC-FT 5052

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

MEDICINE CREEK above Harry Strunk Lake, 06841000

LOCATION.--SW1/4 Sec. 7-6-26 W., Frontier County, Lat. 40°30'10", Long. 100°19'20", on right bank 3.75 miles southeast of Stockville and 13.5 miles upstream from Medicine Creek Dam.

DRAINAGE AREA.--770 square miles, of which approximately 530 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2,380.94 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1950 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except discharges above 125 cubic feet per second are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 16,900 cubic feet per second May 30, 2007, gage height 20.84 feet; minimum daily discharge 7.1 cubic feet per second August 8, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharge 597 cubic feet per second July 16, gage height 10.37 feet; minimum daily discharge 31 cubic feet per second September 1 & 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	50	50	57e	54	54	54	64	50	43	39	31
2	37	50	50	53e	54	53	54	59	51	42	38	31
3	37	51	50	59e	54	52	54	56	57	42	37	32
4	37	51	49e	61e	54	53	55	57	53	42	40	32
5	38	51	49e	56e	54	55	58	60	50	41	38	33
6	40	51	48	56e	54	56	59	60	49	40	38	33
7	41	51	49	60e	55	57	60	57	48	39	37	33
8	42	52	50	62e	55	57	58	55	48	38	36	32
9	42	52	51e	58e	57	56	58	53	48	38	35	35
10	41	52	51e	52	59	55e	58	52	48	38	34	38
11	41	53	50	51	64	53e	57	51	51	39	35	39
12	43	53	49	50	61	51e	58	52	59	39	37	39
13	66	54	50e	51	60	51	57	52	58	37	35	41
14	83	54	51e	50e	58	51	57	51	57	37	34	39
15	75	53	50e	51e	55	52	56	50	54	36	39	37
16	72	52	50e	52e	54	53	56	49	52	214	74	36
17	61	51	50e	52e	55	55	58	48	51	60	62	36
18	51	50	52e	51	55	55	73	48	49	44	42	36
19	48	50	50e	51	56	55	83	47	52	42	38	35
20	46	50	49e	52	55	55	79	47	47	40	36	36
21	46	50	47e	53	55	56	70	46	49	39	34	36
22	53	50	49e	53	54	56	62	46	47	39	33	37
23	60	50	52e	53e	54	56	57	59	47	38	33	42
24	73	50	53e	52e	53	56	55	63	45	54	32	46
25	73	50	54e	52e	54	55	53	57	44	40	34	53
26	67	49	58e	51e	56	55	52	62	47	37	33	50
27	60	49	62e	52e	57e	54	52	61	51	36	34	50
28	55	49	57e	53e	55e	54	52	67	52	38	33	46
29	52	49	57e	53e	---	54	53	65	50	39	32	44
30	52	50	62e	53e	---	54	58	59	48	40	32	42
31	51	---	62e	54e	---	54	---	53	---	40	32	---
TOTAL	1620	1527	1611	1664	1561	1683	1766	1706	1512	1431	1166	1150
MEAN	52.3	50.9	52.0	53.6	55.7	54.3	58.8	55.1	50.5	46.2	37.6	38.4
MAX	83	54	62	62	64	57	83	67	59	214	74	53
MIN	37	49	47	50	53	51	52	46	44	36	32	31
AC-FT	3213	3029	3195	3300	3096	3338	3503	3384	2999	2838	2313	2281
CAL YEAR 2008	TOTAL		32801	MEAN	89.6	MAX	6420	MIN	34.0	AC-FT	65060	
WTR YEAR 2009	TOTAL		18397	MEAN	50.4	MAX	214.0	MIN	31.0	AC-FT	36490	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HARRY STRUNK LAKE near Cambridge, 06842000

LOCATION.--NE1/4 Sec. 25-5-26 W., Frontier County, Lat. 40° 22' 40", Long. 100° 13' 00", in control house at outlet tube of Medicine Creek Dam, 7 miles northeast of Cambridge.

DRAINAGE AREA.--880 square miles, of which approximately 640 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1949 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page.
Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	32750	34080	33290	33150	33560	33940	33760	35240	36530	35650	32390	25900
2	32780	34040	33260	33170	33560	33920	33720	35310	36510	35460	32320	25680
3	32840	34010	33260	33200	33580	33940	33700	35430	36580	35260	32160	25490
4	32910	33970	33220	33190	33610	33940	33680	35520	36600	35090	31920	25380
5	32980	33950	33190	33170	33630	33920	33850	35610	36600	34890	31600	25420
6	33050	33920	33200	33190	33650	33920	33770	35710	36600	34700	31320	25490
7	33120	33860	33200	33170	33670	33940	33740	35760	36580	34520	31100	25550
8	33170	33740	33220	33190	33680	33940	33760	35840	36580	34260	30960	25620
9	33240	33720	33280	33220	33760	33940	33770	35860	36490	34010	30730	25710
10	33260	33670	33200	33220	33810	33940	33790	35920	36470	33770	30470	25760
11	33350	33760	33190	33260	33830	33880	33770	35990	36660	33510	30130	25820
12	33400	33720	33200	33260	33850	33850	33790	36030	36740	33330	29770	25910
13	33610	33670	33220	33280	33920	33860	33830	36090	36760	33100	29410	25970
14	33680	33650	33240	33310	33950	33850	33830	36050	36790	32890	29120	26040
15	33680	33610	33150	33290	34010	33850	33770	36120	36810	32700	28980	26100
16	33920	33580	33100	33310	33970	33860	33760	36110	36850	32770	28810	26180
17	33970	33560	33100	33310	34010	33850	33850	36120	36850	33060	28690	26240
18	33970	33540	33080	33350	34030	33860	34040	36140	36830	33170	28570	26290
19	33970	33540	33120	33400	34010	33850	34120	36160	36810	33170	28480	26350
20	33970	33520	33130	33400	34010	33830	34140	35950	36810	33150	28350	26390
21	33940	33450	33120	33430	34010	33850	34150	35840	36810	33190	28200	26450
22	34210	33450	33120	33430	33990	33850	34280	35730	36790	33150	28010	26500
23	34320	33430	33130	33470	33970	33850	34410	35690	36810	33080	27730	26670
24	34240	33420	33120	33450	33990	33850	34480	35760	36680	33120	27550	26770
25	34260	33420	33120	33450	33970	33850	34570	35900	36560	33120	27160	26860
26	34280	33360	33120	33450	33990	33860	34650	36220	36490	33050	26810	26960
27	34260	33350	33130	33450	33970	33860	34740	36410	36390	32910	26570	27060
28	34240	33330	33130	33490	33950	33830	34790	36430	36180	32800	26450	27130
29	34190	33310	33130	33490	---	33790	34870	36490	36070	32730	26380	27160
30	34190	33350	33150	33510	---	33790	35180	36510	35860	32570	26290	27200
31	34120	---	33150	33520	---	33850	---	36490	---	32470	26140	---
MEAN	33670	33630	33170	33330	33850	33870	34090	35950	36600	33570	29110	26200
MAX	34320	34080	33290	33520	34030	33940	35180	36510	36850	35650	32390	27200
MIN	32750	33310	33080	33150	33560	33790	33680	35240	35860	32470	26140	25380
CAL YEAR 2008	MEAN	35000		MAX	51160	MIN	31500					
WTR YEAR 2009	MEAN	33090		MAX	36850	MIN	25380					

REPUBLICAN RIVER BASIN

MEDICINE CREEK below Harry Strunk Lake, 06842500

LOCATION.--Center of Sec. 25-5-26 W., Frontier County, Latitude 40° 22' 20", Longitude 100° 13' 20",
On left bank 0.5 mile downstream from Medicine Creek Dam and 6.5 miles northwest of Cambridge.

DRAINAGE AREA.--880 square miles, of which 640 square miles contributes directly to surface runoff.
This drainage controlled by Medicine Creek Dam 1/2 mile upstream.

GAGE.--Continuous stage recorder. Datum of gage is 2295.26 feet National Geodetic Vertical Datum of
1929 (U.S.B.R. benchmark).

PERIOD OF RECORD.--1949 - present (Monthly discharge only for some periods, published in WSP 1730).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records above 10 cubic feet per
second are good, records between 4 and 10 cubic feet per second are fair, records below 4 cubic
feet per second.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,300 cubic feet per second March 23, 1960, gage height
5.97 ft. No flow September 11, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 247 cubic feet per second August 24, gage height 3.13 feet;
minimum daily discharge 0.03 cubic feet per second October 4.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.36	70	59	50	47	52	53	3.6	42	149	67	150
2	0.49	71	55	50	47	52	52	4.9	43	146	91	139
3	0.45	71	52	51	47	52	53	8.5	43	127	158	112
4	0.03	71	52	51	47	52	54	11	42	125	190	14
5	0.15	71	50	52	47	52	53	14	41	121	174	1.2
6	0.40	71	50	51	46	52	52	16	41	127	150	0.89
7	0.42	71	50	51	46	52	52	18	41	139	139	0.74
8	0.29	71	50	50	46	52	52	20	51	154	139	0.68
9	0.39	71	51	50	46	52	52	20	73	161	160	0.63
10	0.65	70	51	50	45	52	52	21	54	156	208	0.80
11	0.90	70	51	50	45	52	52	22	43	162	206	0.86
12	1.0	70	51	50	45	52	52	24	46	152	224	1.1
13	1.0	70	51	51	46	52	52	26	46	132	205	1.3
14	5.2	63	51	51	46	52	53	26	48	127	165	1.4
15	31	59	52	51	46	52	53	27	48	124	149	1.4
16	35	59	52	51	45	52	52	26	50	83	139	1.5
17	42	60	52	50	51	52	52	27	49	37	126	1.7
18	50	60	50	50	54	52	52	28	50	25	118	1.6
19	50	60	48	50	54	53	52	64	54	25	103	1.3
20	51	60	48	50	53	53	52	113	54	25	100	1.3
21	51	60	47	50	53	53	28	94	53	24	117	1.4
22	53	60	48	49	53	53	1.7	74	49	52	127	1.6
23	52	59	48	50	52	53	1.3	50	58	63	160	1.4
24	52	59	48	50	52	53	1.2	55	89	46	231	0.66
25	52	59	48	50	52	53	1.1	57	113	55	242	0.34
26	53	59	49	50	52	53	1.1	47	117	75	179	0.24
27	58	59	49	50	52	52	1.2	37	116	128	116	0.41
28	70	59	49	49	52	52	1.2	38	126	134	72	0.43
29	70	58	49	48	---	53	1.2	38	144	111	71	0.14
30	70	59	50	48	---	53	2.3	40	143	99	83	0.11
31	70	---	50	48	---	53	---	40	---	67	125	---
TOTAL	921.73	1930	1561	1552	1367	1623	1087.3	1090	1967	3151	4534	440.13
MEAN	29.8	64.3	50.3	50.1	48.8	52.2	36.3	35.2	65.6	101.6	146.3	14.7
MAX	70	71	59	52	54	53	54	113	144	162	242	150
MIN	0.03	58	47	48	45	52	1.1	3.6	41	24	67	0.11
AC-FT	1828	3828	3096	3078	2711	3219	2157	2162	3901	6250	8993	873
CAL YEAR 2008	TOTAL		32849	MEAN	89.8	MAX	1060	MIN	0.030	AC-FT	65150	
WTR YEAR 2009	TOTAL		21224	MEAN	58.1	MAX	242.0	MIN	0.030	AC-FT	42100	

CAMBRIDGE CANAL from Republican River, 00020000

LOCATION.--SE1/4NE1/4 Sec. 26-4-25 W. near Cambridge

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1951 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.2	---	---	---	---	---	---	---	64	167	89	158
2	4.2	---	---	---	---	---	---	---	69	167	89	165
3	3.9	---	---	---	---	---	---	---	69	151	127	146
4	3.9	---	---	---	---	---	---	---	69	136	173	49
5	3.9	---	---	---	---	---	---	---	71	129	162	0.00
6	3.9	---	---	---	---	---	---	0.00	73	134	144	0.00
7	3.9	---	---	---	---	---	---	0.00	73	143	140	0.00
8	3.9	---	---	---	---	---	---	0.00	88	154	137	0.00
9	3.7	---	---	---	---	---	---	0.00	115	160	140	0.00
10	3.6	---	---	---	---	---	---	0.00	121	159	177	0.00
11	3.6	---	---	---	---	---	---	0.00	80	166	194	0.00
12	3.6	---	---	---	---	---	---	0.00	80	168	210	0.00
13	3.6	---	---	---	---	---	---	0.00	80	146	207	0.00
14	3.6	---	---	---	---	---	---	0.00	80	129	166	0.00
15	3.6	---	---	---	---	---	---	0.00	80	124	146	0.00
16	3.6	---	---	---	---	---	---	0.00	81	83	140	0.00
17	3.6	---	---	---	---	---	---	0.00	78	57	127	0.00
18	3.6	---	---	---	---	---	---	0.00	75	57	120	0.00
19	3.6	---	---	---	---	---	---	0.00	80	58	104	0.00
20	3.6	---	---	---	---	---	---	52	80	58	104	0.00
21	3.6	---	---	---	---	---	---	82	80	67	124	0.00
22	3.5	---	---	---	---	---	---	97	93	86	128	0.00
23	---	---	---	---	---	---	---	60	100	97	130	0.00
24	---	---	---	---	---	---	---	64	115	81	178	0.00
25	---	---	---	---	---	---	---	65	134	74	211	0.00
26	---	---	---	---	---	---	---	64	141	74	163	0.00
27	---	---	---	---	---	---	---	52	139	113	115	0.00
28	---	---	---	---	---	---	---	50	144	137	90	0.00
29	---	---	---	---	---	---	---	54	162	127	86	0.00
30	---	---	---	---	---	---	---	56	163	117	86	0.00
31	---	---	---	---	---	---	---	55	---	97	115	---
TOTAL	82.2	0	0	0	0	0	0	751	2877	3616	4322	518
MEAN	3.7	---	---	---	---	---	---	28.9	95.8	116.6	139.4	17.3
MAX	4.2	---	---	---	---	---	---	97	163	168	211	165
MIN	3.5	---	---	---	---	---	---	0.00	64	57	86	0.00
AC-FT	163	0.00	0.00	0.00	0.00	0.00	0.00	1490	5706	7172	8573	1027
CAL YEAR 2008	MAX	203.0	MIN	0.000	AC-FT	19550						
WTR YEAR 2009	MAX	211.0	MIN	0.000	AC-FT	24130						

REPUBLICAN RIVER BASIN

MUDDY CREEK at Furnas - Gosper County Line, 224600

LOCATION.--NW1/4NE1/4 Sec. 6-4-23 W., Furnas County, Latitude 40° 21' 04", Longitude 99° 57' 19", on the right bank, 10 feet upstream from the bridge on County Road 726, 2.2 miles west and 3.0 miles north of Arapahoe.

DRAINAGE AREA.--240 Square miles.

GAGE.--Continuous stage recorder. Gage datum is 2,189.12 feet above sea level, NGVD 1929 established by NDNR surveyors June 5, 2006.

PERIOD OF RECORD.--September 9, 2005 - present.

REMARKS.--Gage operation began September 9, 2005 under agreement with the Tri-Basin Natural Resources District. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 193 cubic feet per second July 22, gage height 9.34 feet; minimum daily discharge 2.3 cubic feet per second September 2.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.6	4.4	4.5	5.1	5.0e	5.3e	5.3	13	8.7	4.1	4.7	2.8
2	2.6	4.4	4.8	5.2	4.8e	5.4e	5.2	5.5	6.2	4.5	4.3	2.3
3	2.7	4.4	4.7	5.1	5.0e	5.4e	5.3	5.2	4.7	4.5	3.8	2.5
4	2.7	4.4	4.6	4.8e	4.9e	5.5e	5.8	5.2	4.6	4.4	4.0	2.7
5	3.0	4.3	4.5e	4.7e	5.1e	5.6	6.7	5.1	4.6	4.3	4.5	2.9
6	4.2	4.4	4.6e	4.8e	5.1e	5.4	6.5	5.6	4.7	4.3	4.8	3.0
7	4.8	4.4	4.9	4.6e	5.2	5.4	6.0	4.9	4.7	4.0	4.9	3.1
8	3.7	4.2	4.9e	4.7e	5.0e	5.4	5.7	4.8	4.6	4.2	4.4	3.0
9	3.5	4.3	5.0e	5.0e	5.2e	5.4	5.6	4.5	4.8	3.8	4.2	2.8
10	3.2	4.5	5.0	4.9e	5.2e	5.3e	5.8	4.6	5.4	3.7	4.4	3.0
11	3.2	5.3	4.9	5.0e	5.1e	5.3e	5.8	4.7	26	4.1	4.1	3.0
12	3.4	5.1	4.9	4.8e	5.2e	5.3e	6.0	4.7	11	9.3	4.4	3.0
13	4.6	5.1	5.0	4.7e	5.2e	5.2e	6.0	4.8	12	29	4.2	2.7
14	4.6	5.0	5.5	4.8e	5.0e	5.4	5.7	4.7	6.7	7.1	3.8	2.8
15	4.8	4.6	4.6e	4.6e	4.8e	5.5	5.6	4.7	6.9	4.6	5.6	3.2
16	4.3	4.6	4.5e	4.7e	4.7e	5.5	5.5	4.7	7.8	5.5	4.5	3.6
17	3.9	4.6	4.6e	4.8e	4.9e	5.5	6.0	4.7	6.1	5.3	4.5	3.9
18	3.7	4.6	5.0e	4.7e	5.1e	5.4	7.9	4.7	5.4	4.5	6.1	3.4
19	3.7	4.7	4.7e	5.0e	4.9e	5.4	7.2	4.7	5.2	3.6	5.0	3.1
20	3.5	4.6	4.9e	4.8e	5.0e	5.4	6.2	4.9	5.2	3.4	3.8	2.9
21	3.7	4.4	4.9e	4.9e	5.0e	5.5	5.6	4.6	5.2	3.2	2.9	3.1
22	14	4.5	4.7e	4.9e	5.1e	5.7	5.4	4.6	5.1	3.4	3.1	3.2
23	18	4.6	4.8e	4.8e	5.2	5.7	5.3	5.4	4.9	62	2.9	4.0
24	11	4.6	4.8e	4.5e	5.4	5.3	5.3	6.9	4.6	105	2.9	3.9
25	8.1	4.6	5.0e	4.3e	5.6	5.4	5.0	7.9	4.7	20	2.7	3.7
26	5.6	4.6	5.2e	4.2e	5.7	5.3	5.2	12	5.4	7.9	2.9	3.4
27	4.5	4.6	5.3e	4.3e	5.4e	5.2	5.1	9.5	5.3	5.5	3.3	3.3
28	4.3	4.7	5.3	4.4e	5.4e	5.2	5.1	7.8	4.7	5.8	3.0	3.2
29	4.3	4.7	5.3	4.6e	---	5.2	5.2	6.5	4.5	5.6	2.4	3.0
30	4.5	4.7	5.0	4.6e	---	5.3	12	5.9	4.4	5.2	2.5	3.1
31	4.3	---	5.0	4.9e	---	5.3	---	5.8	---	5.5	2.8	---
TOTAL	155	137.9	151.4	147.2	143.2	167.1	179	182.6	194.1	347.3	121.4	93.6
MEAN	5.0	4.6	4.9	4.8	5.1	5.4	6.0	5.9	6.4	11.2	3.9	3.1
MAX	18	5.3	5.5	5.2	5.7	5.7	12	13	26	105	6.1	4.0
MIN	2.6	4.2	4.5	4.2	4.7	5.2	5.0	4.5	4.4	3.2	2.4	2.3
AC-FT	307	274	300	292	284	331	355	362	385	689	241	186
CAL YEAR 2008 TOTAL			9019	MEAN	24.6	MAX	4060	MIN	2.5	AC-FT	17890	
WTR YEAR 2009 TOTAL			2020	MEAN	5.5	MAX	105.0	MIN	2.3	AC-FT	4006	

e indicates estimated discharge.

MUDDY CREEK at Arapahoe, 06844000

LOCATION.--NW1/4NW1/4 Sec. 22-4-23 W., Furnas County, Latitude 40° 18' 20", Longitude 99° 54' 40", on the left bank, 10 feet upstream from the bridge on U.S. Highways 6 and 34, 0.2 miles west of Arapahoe.

DRAINAGE AREA.--246 square miles.

GAGE.--Continuous stage recorder. Gage datum is 2,143.92 feet above sea level.

PERIOD OF RECORD.--1950 - 1972, 1977 - 1994, January 1, 1998 - present.

REMARKS.--Published by U. S. Geological Survey up to October 1, 1993. Nebraska Department of Water Resources also operated and published from October 1, 1993 to December 31, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,800 cfs May 8, 1986, gage height 28.90 feet (also max. gage height for period); minimum daily discharge zero on Aug. 26, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 784 cubic feet per second July 23, gage height 12.25 feet; minimum daily discharge 4.1 cubic feet per second October 1 - 3 and September 20 & 21.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.1	5.6	5.8	6.5	6.6e	7.0e	7.1	20	8.6	7.4	12	5.8
2	4.1	5.5	5.8	6.7	6.0e	7.1e	7.2	9.2	9.3	7.7	10	5.6
3	4.1	5.5	5.9	6.5	6.2e	7.1e	7.3	7.0	8.2	8.7	9.0	5.6
4	4.2	5.5	5.7e	6.0e	6.1e	6.8	8.0	7.0	8.0	8.0	7.9	5.6
5	4.4	5.4	5.9e	6.1e	6.3e	7.1	9.0	7.0	8.0	7.7	9.8	5.4
6	5.4	5.6	6.0	6.2e	6.7e	6.8	8.9	8.5	8.1	8.0	10	5.2
7	8.4	5.6	6.2	6.3e	7.0e	6.9	8.9	7.6	8.1	8.6	8.8	5.2
8	7.0	5.5	6.6	6.4e	7.1e	6.9	8.5	7.2	8.1	7.7	8.3	5.2
9	5.6	5.4	7.0e	6.7e	7.0e	7.0	8.3	6.7	7.9	9.0	7.7	5.3
10	5.2	5.7	6.7e	6.9e	7.1e	6.8e	8.2	6.6	8.6	8.8	7.5	5.3
11	5.1	6.3	6.7	6.9e	7.5e	6.7e	8.3	6.8	18	7.1	7.4	5.3
12	5.3	6.6	6.5	6.8e	7.2e	6.9e	8.5	6.7	27	7.6	7.3	5.4
13	6.9	6.4	6.5	7.0e	6.9e	6.9e	8.5	6.9	15	30	6.9	5.3
14	7.2	6.4	6.5	7.0e	6.7e	6.9	8.4	6.7	14	21	6.7	5.0
15	7.3	6.1	6.3e	7.2e	6.7e	6.7	8.2	5.5	10	9.3	7.6	5.1
16	6.8	5.9	5.9e	7.1e	6.8e	6.8	8.0	5.5	10	26	8.2	5.1
17	6.4	5.9	6.0e	7.0e	6.8e	6.8	8.4	5.3	11	17	7.5	4.9
18	6.0	6.0	6.1e	7.0	7.3e	6.7	11	5.4	8.8	9.5	7.9	4.6
19	5.8	6.1	6.1e	7.0	6.9e	6.6	11	5.4	8.3	8.2	9.5	4.3
20	5.6	6.0	5.9e	7.0	7.1e	6.6	9.6	5.2	8.1	8.1	7.9	4.1
21	5.6	5.8	5.9e	7.6	6.9e	6.6	7.6	5.3	8.1	11	7.9	4.1
22	15	5.8	6.0e	7.7	6.7e	6.2	6.4	5.3	7.7	11	7.1	5.0
23	28	5.9	6.0e	7.9e	6.7	5.4	6.1	5.5	8.6	172	6.9	6.2
24	16	5.9	6.1e	6.9e	6.6	5.6	6.0	6.3	7.6	286	6.4	6.0
25	11	6.0	6.1e	6.5e	6.8	6.1	5.7	8.9	8.4	54	6.1	5.7
26	8.5	6.0	6.2e	5.9e	7.1	7.5	5.5	24	9.4	18	7.1	5.5
27	6.5	6.0	6.7e	5.7e	7.0	7.3	5.5	19	10	12	6.6	4.9
28	6.1	6.1	6.4e	5.5e	6.9	7.3	5.2	11	12	11	6.2	4.6
29	5.9	6.2	6.6e	5.7e	---	7.3	5.3	9.1	10	11	5.9	4.5
30	5.8	6.1	6.7e	5.8e	---	7.2	7.3	7.9	7.7	10	5.9	4.3
31	5.8	---	6.6	6.1e	---	7.2	---	7.4	---	11	6.2	---
TOTAL	229.1	176.8	193.4	205.6	190.7	210.8	231.9	255.9	302.6	832.4	240.2	154.1
MEAN	7.4	5.9	6.2	6.6	6.8	6.8	7.7	8.2	10.1	26.9	7.8	5.1
MAX	28	6.6	7.0	7.9	7.5	7.5	11	24	27	286	12	6.2
MIN	4.1	5.4	5.7	5.5	6.0	5.4	5.2	5.2	7.6	7.1	5.9	4.1
AC-FT	454	351	384	408	378	418	460	508	600	1651	476	306
CAL YEAR 2008	TOTAL		9228	MEAN	25.2	MAX	3830	MIN	2.2	AC-FT	18300	
WTR YEAR 2009	TOTAL		3224	MEAN	8.8	MAX	286.0	MIN	4.1	AC-FT	6394	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

TURKEY CREEK at Furnas - Gosper County Line, 231700

LOCATION.--NE1/4NE1/4 Sec. 2-4-22 W., Furnas County, Lat. 40° 21' 04", Long. 99° 45' 47", on right bank 10 feet downstream from bridge on County Road 726, 5 miles north and 1 mile east of Edison, Nebraska.

DRAINAGE AREA.--67.0 square miles.

GAGE.--Continuous stage recorder. Gage datum is 2,159.71 feet above sea level, NGVD 1929 established by NDNR surveyors June 5, 2006.

PERIOD OF RECORD.--September 13, 2005 - present

REMARKS.--Gage established September 13, 2005 under agreement with the Tri-Basin Natural Resources District. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 126 cubic feet per second June 11, gage height 6.57 feet; minimum daily discharge 9.2 cubic feet per second September 11, 13 & 14.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	14	15	17e	19e	17e	19	20	18	18	12	11
2	10	14	15	18	19e	17	19	19	19	17	12	11
3	10	14	16	18e	19e	18	19	19	18	17	12	9.7
4	11	14	15e	19e	19e	18	20	20	18	17	14	9.6
5	12	14	15e	19e	20	19	23	19	18	16	19	9.4
6	15	14	16e	18e	20	18	19	19	18	16	16	9.5
7	20	14	16	19e	20	18	19	18	19	16	14	9.6
8	13	14	16	18e	20e	18	19	18	19	15	12	9.6
9	12	15	16e	18	20e	18	19	18	20	15	12	9.4
10	12	15	16e	18	20e	18e	20	18	22	15	12	9.4
11	12	17	15e	18	19e	18e	19	18	73	14	12	9.2
12	14	16	16	18	19e	18	19	18	26	15	12	9.5
13	22	16	16	18e	19e	18	20	18	42	33	12	9.2
14	18	16	16e	18e	18e	18	19	17	22	19	13	9.2
15	18	15	16e	18e	18e	18	19	17	22	16	14	9.4
16	14	15	16e	18e	18e	18	18	18	45	15	17	9.3
17	14	15	15e	18e	18e	18	19	17	31	17	14	9.3
18	13	15	15e	19	18e	18	23	17	23	18	11	9.6
19	14	15	15e	19	18e	18	21	16	22	16	11	9.5
20	14	15	14e	19	18e	18	19	16	21	15	11	9.6
21	14	14	14e	19	18e	18	19	15	20	15	11	9.6
22	61	15	15e	20	18	18	19	15	20	16	11	11
23	100	16	15e	20	18	19	18	16	19	16	11	13
24	38	16	14e	19e	19	19	18	16	19	14	10	12
25	19	15	14e	18e	19	19	18	16	19	14	11	11
26	15	16	15e	18e	18	19	19	19	19	13	12	11
27	14	16	17e	18e	18e	18	19	19	20	12	12	10
28	14	16	15e	18e	17e	18	18	18	20	12	12	11
29	14	16	16e	19e	---	18	19	17	20	16	12	10
30	14	16	16e	19e	---	19	23	17	20	15	11	11
31	14	---	16e	19e	---	19	---	17	---	13	11	---
TOTAL	595	453	477	572	524	563	582	545	712	496	386	301.6
MEAN	19.2	15.0	15.4	18.4	18.7	18.2	19.4	17.6	23.7	16.0	12.5	10.0
MAX	100	17	17	20	20	19	23	20	73	33	19	13
MIN	10	14	14	17	17	17	18	15	18	12	10	9.2
AC-FT	1180	899	946	1135	1039	1117	1154	1081	1412	984	766	598
CAL YEAR 2008	TOTAL		8095	MEAN	22.1	MAX	972.0	MIN	7.6	AC-FT	16060	
WTR YEAR 2009	TOTAL		6207	MEAN	17.0	MAX	100.0	MIN	9.2	AC-FT	12310	

e indicates estimated discharge.

TURKEY CREEK at Edison, 06844210

LOCATION.--NE1/4SW1/4 Sec. 31-4-21 W., Furnas County, Lat. 40° 16' 15", Long. 99° 44' 00", on left bank 10 feet downstream from bridge on U.S. Highway 136, 2 miles east of Edison and 2.7 miles upstream from mouth.

DRAINAGE AREA.--74.9 square miles.

GAGE.--Continuous stage recorder. Gage elevation is 2,090 feet above sea level, from topographic map.

PERIOD OF RECORD.--1977 - present

REMARKS.--Published by U.S. Geological Survey up to Oct. 1, 1993. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,510 cubic feet per second June 16, 1996, gage height 16.62 feet; minimum daily discharge 0.01 cubic feet per second September 6, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 95 cubic feet per second October 23, gage height 5.99 feet; minimum daily discharge 10 cubic feet per August 24, September 5 - 7.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	16	17	16e	19e	19e	18	22	16	16	12	11
2	12	15	18	17e	20e	18e	18	20	17	16	12	11
3	12	16	18	18e	20	19	18	19	16	16	12	11
4	12	16	17	17e	19	19	19	20	16	16	13	11
5	12	16	17e	16e	19	19	21	20	16	16	19	10
6	14	16	18e	17e	19	19	21	19	16	15	16	10
7	18	16	18	18e	19	19	19	18	16	15	14	10
8	18	16	18	19e	19	19	19	18	17	15	12	11
9	14	16	19	17e	19	19	19	18	17	15	12	11
10	13	16	17e	16e	21	19	19	17	19	15	11	11
11	13	18	18e	17e	19	19e	19	17	47	14	11	11
12	14	18	18e	16e	19	19e	19	17	28	16	12	11
13	21	17	16e	16e	19e	19e	19	17	33	29	11	11
14	22	17	18e	16e	19e	18	19	17	23	21	12	11
15	18	17	15e	16e	18e	18	19	17	20	17	15	11
16	17	16	14e	16e	19e	18	19	17	20	16	16	11
17	14	16	15e	17e	19e	18	19	17	39	14	14	11
18	14	16	15e	17e	19	18	22	16	22	16	11	11
19	13	16	16e	18e	19	18	23	16	20	15	11	11
20	13	16	14e	17e	18	18	20	16	20	14	11	11
21	13	16	14e	17e	18	18	19	15	20	13	11	11
22	31	16	12e	17e	18	18	18	15	19	14	11	12
23	83	17	13e	18e	18	18	18	15	18	15	11	13
24	53	17	13e	17e	18	18	18	15	17	14	10	13
25	25	17	14e	17e	19	18	18	16	17	13	11	12
26	18	17	14e	17e	19	17	19	18	17	12	12	12
27	16	17	16e	16e	19	18	19	19	17	12	12	11
28	17	18	15e	18e	18e	17	19	17	17	11	11	11
29	17	17	16e	19e	---	17	19	16	17	14	12	11
30	17	18	16e	19e	---	18	21	16	17	15	11	11
31	17	---	16e	19e	---	18	---	15	---	14	11	---
TOTAL	603	496	495	531	529	567	577	535	614	474	380	334
MEAN	19.4	16.6	15.9	17.1	18.9	18.3	19.2	17.3	20.5	15.2	12.2	11.1
MAX	83	18	19	19	21	19	23	22	47	29	19	13
MIN	12	15	12	16	18	17	18	15	16	11	10	10
AC-FT	1196	984	982	1053	1049	1125	1144	1061	1218	940	754	662
CAL YEAR 2008	TOTAL		7343	MEAN	20.1	MAX	924.0	MIN	5.5	AC-FT	14560	
WTR YEAR 2009	TOTAL		6135	MEAN	16.8	MAX	83.0	MIN	10.0	AC-FT	12170	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

BEAVER CREEK near Beaver City, 06847000

LOCATION.--SW1/4SW1/4 Sec. 23-2-23 W., Furnas County, Lat. 40° 07' 12", Long. 99° 53' 35", on left bank 400 feet downstream from bridge on U.S. Highway 283, 0.75 mile south of State Highway 89, and 3.5 miles west of Beaver City, and 25.5 miles above the mouth.

DRAINAGE AREA.--2,081 square miles, approximately 1,650 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,164.84 feet above sea level.

PERIOD OF RECORD.--1936 - present (Some records are monthly discharge only, published in WSP 1310).

REMARKS.--Published by U. S. Geological Survey up to October 1, 1994. Records are fair, except estimated records and records below 5 cubic feet per second are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,510 cubic feet per second June 14, 1983, gage height 15.68 ft. No flow during many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 19 cubic feet per second October 22, gage height 3.79 feet and July 23, gage height 3.77 feet; maximum gage height 3.79 feet October 22; minimum daily discharge 0.10 cubic feet per second October 8.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.11	2.1	1.8	1.9e	1.6	1.6	1.6	2.0	1.8	0.92	7.6	0.93
2	0.11	2.0	1.9	1.6e	1.5	1.7	1.7	1.6	1.7	1.0	3.8	0.99
3	0.10	1.8	1.9	1.9e	1.6	1.6	1.7	1.7	1.6	1.1	2.5	0.99
4	0.11	1.7	1.9	1.6e	1.6	1.7	1.8	1.9	1.5	0.97	1.3	0.98
5	0.13	1.6	1.9	1.5e	1.6	1.8	1.8	1.8	1.4	0.94	1.3	0.98
6	0.30	1.6	1.9	1.5e	1.6	1.7	1.6	1.8	1.4	0.88	1.2	0.92
7	0.38	1.4	2.1	1.4e	1.7	1.7	1.5	1.8	1.4	0.86	1.3	1.00
8	0.34	1.6	2.1	1.3e	1.7	1.7	1.6	1.9	1.3	0.80	1.2	0.89
9	0.34	1.6	2.1	1.3e	2.0	1.7	1.9	1.8	1.4	0.76	1.0	0.76
10	0.41	1.8	2.0	1.4e	2.1	1.6	1.6	1.7	1.4	0.74	0.95	0.64
11	0.45	2.2	1.8	1.6e	1.8	1.6	1.5	1.9	1.9	0.74	0.90	0.63
12	0.60	2.0	1.9	1.5	1.6	1.6	1.6	1.9	1.9	0.71	0.87	0.60
13	0.80	1.8	2.0	1.7	1.7e	1.5	1.7	1.9	1.7	0.83	0.85	0.54
14	0.53	1.7	1.9e	1.5e	1.6e	1.7	1.6	1.9	1.5	0.76	0.80	0.52
15	0.48	1.7	1.6e	1.6e	1.7	1.8	1.4	1.8	2.0	0.69	1.0	0.47
16	0.40	1.5	1.5e	1.6e	1.8	1.9	1.4	1.8	1.8	2.4	1.6	0.39
17	0.38	1.5	1.6e	1.6	1.8	1.9	1.6	1.9	1.5	2.2	1.4	0.34
18	0.39	1.6	1.8e	1.6	1.9	1.9	2.6	1.8	1.4	1.2	1.2	0.29
19	0.45	1.6	1.6e	1.7	1.7	1.9	2.4	1.9	1.4	0.86	0.94	0.27
20	0.47	1.4	1.6e	1.7	1.7	1.8	1.7	1.8	1.4	0.79	0.85	0.27
21	0.62	1.4	1.6e	1.7	1.7	1.8	1.6	1.6	1.8	0.71	0.83	0.32
22	14	1.4	1.6e	1.7	1.7	1.9	1.9	1.4	1.6	1.2	0.82	0.43
23	12	1.5	1.6e	1.6	1.7	1.7	1.9	1.2	1.3	10	0.78	0.78
24	5.6	1.6	1.8e	1.6	1.9	1.4	1.9	1.3	1.2	2.4	0.77	0.70
25	3.2	1.6	1.8e	1.6e	1.9	1.3	1.5	1.3	1.2	1.1	0.77	0.42
26	2.3	1.7	1.9e	1.6e	1.9	1.4	1.5	3.6	1.4	0.86	3.1	0.35
27	1.9	1.7	2.3e	1.5e	1.8	1.5	1.5	3.6	1.2	0.81	2.7	0.32
28	2.2	1.8	1.8e	1.5e	1.7	1.5	1.3	2.6	1.0	0.87	1.2	0.31
29	2.2	1.9	2.3e	1.5e	---	1.6	1.6	2.3	1.1	1.3	1.0	0.28
30	2.3	1.8	2.4e	1.6e	---	1.7	2.2	2.0	1.0	1.3	0.93	0.32
31	2.4	---	2.1e	1.8	---	1.7	---	2.0	---	1.9	0.92	---
TOTAL	56	50.6	58.1	49.2	48.6	51.9	51.2	59.5	44.2	42.6	46.38	17.63
MEAN	1.8	1.7	1.9	1.6	1.7	1.7	1.7	1.9	1.5	1.4	1.5	0.59
MAX	14	2.2	2.4	1.9	2.1	1.9	2.6	3.6	2.0	10	7.6	1.00
MIN	0.10	1.4	1.5	1.3	1.5	1.3	1.3	1.2	1.0	0.69	0.77	0.27
AC-FT	111	100	115	98	96	103	102	118	88	84	92	35
CAL YEAR 2008	TOTAL		564	MEAN	1.5	MAX	105.0	MIN	0.080	AC-FT	1118	
WTR YEAR 2009	TOTAL		576	MEAN	1.6	MAX	14.0	MIN	0.10	AC-FT	1142	

e indicates estimated discharge.

HARLAN COUNTY RESERVOIR near Republican City, 06849000

LOCATION.--Sec. 11-1-17 W., Harlan County, Lat. 40° 04' 10", Long. 99° 12' 30", at left end of spillway on upstream side of Harlan County Dam on Republican River, 2 miles southeast of Republican City and 8 miles southeast of Alma.

DRAINAGE AREA.--20,750 square miles, approximately 13,530 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is mean sea level.

PERIOD OF RECORD.--November 1952 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page. Published by U.S. Geological Survey up to Oct. 1, 1994.

STORAGE (ACFT), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	312700	335100	319200	319600	318800	319200	319600	330300	333700	327800	311500	289600
2	312500	335200	319200	319700	318800	319200	320100	330700	333700	326600	310100	288800
3	312300	335500	319300	319600	318800	319700	317700	330900	334700	325400	309200	288200
4	311900	335100	319200	319600	319000	319700	320700	331600	334700	325500	309700	287600
5	311700	334800	319000	319600	319200	320700	321100	331600	334800	324500	308400	287600
6	312100	334400	319000	319700	319300	320900	321300	331800	334700	323600	307800	287600
7	315700	332700	319200	319700	319300	321700	321200	331600	334800	322700	306800	287300
8	315400	331600	319300	319600	319600	321500	321700	331900	335000	322700	305900	287400
9	315300	330400	319600	319600	319900	321700	321600	331600	334500	320700	304400	287400
10	314900	329200	319300	319700	320500	322600	322000	331800	335000	319400	303700	287400
11	315400	328900	319400	319900	320800	322400	322700	331800	335100	318400	302500	287300
12	316000	328800	319400	320000	320700	322300	323200	331600	335600	318000	301500	287600
13	316500	328100	319400	319900	319700	323000	323500	331900	336200	317300	300200	287300
14	317200	327400	319400	319900	320500	323600	323600	331600	336100	318400	300200	287400
15	319200	326500	319400	319900	320300	324000	323400	331500	336900	318000	298500	287300
16	319600	325500	319000	320100	319900	324200	324300	331400	337200	318600	298300	287300
17	319700	324500	319000	320100	319900	324200	324600	331400	336900	320700	297200	287200
18	319900	323500	319000	320300	319700	323600	326100	330900	336900	321600	296500	287200
19	320000	322700	319300	320400	319400	322800	326500	330700	337000	321600	295900	287000
20	320000	321900	319300	320400	318900	321900	326800	330700	336900	320900	295600	286800
21	320100	320800	319300	320700	318900	321100	327000	330400	337600	321200	294700	286700
22	322800	320500	319300	320700	318800	320400	327300	330100	336700	320100	293800	286700
23	325000	319700	319400	320800	318600	319600	327700	330300	336500	319300	292900	286300
24	327400	319900	319400	319900	318900	320900	328000	330400	335400	318400	292100	286400
25	330400	319200	319400	319900	319000	318900	328000	330300	334700	317800	291600	286400
26	332200	319000	319400	319900	319300	318500	328400	331600	334100	317300	292100	286700
27	332900	319200	319400	319600	319300	318600	328900	332600	332900	316400	292100	286800
28	333300	319200	319400	319300	319300	318900	328800	332600	331200	315400	292100	286700
29	333800	319200	319400	319000	---	319200	328900	333000	331200	314400	291800	286200
30	334400	319200	319400	318800	---	319400	330000	333200	329200	313600	291300	285500
31	334800	---	319300	318500	---	321200	---	333200	---	312400	290600	---
MEAN	320800	326300	319300	319800	319500	321200	324500	331400	335000	320000	299300	287200
MAX	334800	335500	319600	320800	320800	324200	330000	333200	337600	327800	311500	289600
MIN	311700	319000	319000	318500	318600	318500	317700	330100	329200	312400	290600	285500
CAL YEAR 2008	MEAN	305000	MAX	357300	MIN	255600						
WTR YEAR 2009	MEAN	318700	MAX	337600	MIN	285500						

REPUBLICAN RIVER BASIN

NAPONEE CANAL from Republican River, 00105000

LOCATION.--NE1/4NE1/4 Sec. 14-1-17 W. below Harlan County Dam

GAGE.--Sparling Meter

PERIOD OF RECORD.--1955 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	17	8.6	2.1
2	---	---	---	---	---	---	---	---	---	17	10	11
3	---	---	---	---	---	---	---	---	0.00	16	11	11
4	---	---	---	---	---	---	---	---	0.00	5.9	12	8.2
5	---	---	---	---	---	---	---	---	0.00	0.00	13	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	13	0.00
7	---	---	---	---	---	---	---	---	0.00	11	12	0.00
8	---	---	---	---	---	---	---	---	0.00	14	10	0.00
9	---	---	---	---	---	---	---	---	0.00	14	9.5	0.00
10	---	---	---	---	---	---	---	---	0.00	12	11	0.00
11	---	---	---	---	---	---	---	---	0.00	11	14	0.00
12	---	---	---	---	---	---	---	---	0.00	3.8	15	0.00
13	---	---	---	---	---	---	---	---	0.00	0.00	14	0.00
14	---	---	---	---	---	---	---	---	0.00	0.00	11	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	11	0.00
16	---	---	---	---	---	---	---	---	0.00	0.00	11	0.00
17	---	---	---	---	---	---	---	---	0.00	0.00	9.7	0.00
18	---	---	---	---	---	---	---	---	0.00	0.00	9.1	0.00
19	---	---	---	---	---	---	---	---	8.0	0.00	9.0	0.00
20	---	---	---	---	---	---	---	---	0.00	0.00	13	0.00
21	---	---	---	---	---	---	---	---	0.00	0.00	15	0.00
22	---	---	---	---	---	---	---	---	0.00	0.00	13	0.00
23	---	---	---	---	---	---	---	---	0.00	6.8	11	0.00
24	---	---	---	---	---	---	---	---	0.00	11	3.9	0.00
25	---	---	---	---	---	---	---	---	0.00	11	0.00	0.00
26	---	---	---	---	---	---	---	---	0.00	11	0.00	0.00
27	---	---	---	---	---	---	---	---	0.00	11	0.00	0.00
28	---	---	---	---	---	---	---	---	0.00	11	0.00	0.00
29	---	---	---	---	---	---	---	---	12	11	0.00	0.00
30	---	---	---	---	---	---	---	---	17	11	0.00	0.00
31	---	---	---	---	---	---	---	---	---	9.3	0.00	---
TOTAL	0	0	0	0	0	0	0	0	37	214.8	269.8	32.3
MEAN	---	---	---	---	---	---	---	---	1.3	6.8	8.7	1.0
MAX	---	---	---	---	---	---	---	---	17	17	15	11
MIN	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73	426	535	64
CAL YEAR 2008	MAX	13.0	MIN	0.000	AC-FT	315						
WTR YEAR 2009	MAX	17.0	MIN	0.000	AC-FT	1099						

REPUBLICAN RIVER BASIN

FRANKLIN CANAL from Republican River, 00053000

LOCATION.--NW1/4NE1/4 Sec. 11-1-17 W. below Harlan County Dam

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1954 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	227	159	131
2	---	---	---	---	---	---	---	---	0.00	218	159	123
3	---	---	---	---	---	---	---	---	0.00	218	166	119
4	---	---	---	---	---	---	---	---	0.00	204	203	52
5	---	---	---	---	---	---	---	---	0.00	195	224	0.00
6	---	---	---	---	---	---	---	---	0.00	195	223	0.00
7	---	---	---	---	---	---	---	---	0.00	195	223	0.00
8	---	---	---	---	---	---	---	---	0.00	200	214	0.00
9	---	---	---	---	---	---	---	---	0.00	218	202	0.00
10	---	---	---	---	---	---	---	---	0.00	223	201	0.00
11	---	---	---	---	---	---	---	---	0.00	223	201	0.00
12	---	---	---	---	---	---	---	---	0.00	174	213	0.00
13	---	---	---	---	---	---	---	---	0.00	77	220	0.00
14	---	---	---	---	---	---	---	---	0.00	3.0	209	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	189	0.00
16	---	---	---	---	---	---	---	---	0.00	0.00	179	0.00
17	---	---	---	---	---	---	---	---	0.00	0.00	179	0.00
18	---	---	---	---	---	---	---	---	0.00	0.00	171	0.00
19	---	---	---	---	---	---	---	---	0.00	8.5	157	0.00
20	---	---	---	---	---	---	---	---	0.00	93	165	0.00
21	---	---	---	---	---	---	---	---	0.00	162	177	0.00
22	---	---	---	---	---	---	---	---	0.00	198	177	0.00
23	---	---	---	---	---	---	---	---	79	216	177	0.00
24	---	---	---	---	---	---	---	---	142	227	176	0.00
25	---	---	---	---	---	---	---	---	153	227	171	0.00
26	---	---	---	---	---	---	---	---	178	227	81	0.00
27	---	---	---	---	---	---	---	---	201	216	0.00	0.00
28	---	---	---	---	---	---	---	---	201	192	0.00	0.00
29	---	---	---	---	---	---	---	---	230	183	0.00	0.00
30	---	---	---	---	---	---	---	---	230	168	84	0.00
31	---	---	---	---	---	---	---	---	---	160	131	---
TOTAL	0	0	0	0	0	0	0	0	1414	4847.5	5031	425
MEAN	---	---	---	---	---	---	---	---	47.1	156.4	162.3	14.2
MAX	---	---	---	---	---	---	---	---	230	227	224	131
MIN	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2805	9615	9979	843
CAL YEAR 2008	MAX	200.0	MIN	0.000	AC-FT	17050						
WTR YEAR 2009	MAX	230.0	MIN	0.000	AC-FT	23240						

REPUBLICAN RIVER BASIN

TURKEY CREEK at Naponee, 06850000

LOCATION.--SW1/4SW1/4 Sec. 4-1-16 W., Franklin County, Lat. 40° 04' 35", Long. 99° 08' 18", on the right, downstream abutment on the road bridge at the Naponee city park, Naponee, Nebraska.

DRAINAGE AREA.--129 square miles.

GAGE.--Continuous stage recorder. Gage datum 1,870.00 feet (Corps of Engineers bench mark).

PERIOD OF RECORD.--Published by USGS at as a continuous record site 1948 - 1953, published as a miscellaneous or partial record site 1954 - 1989, crest-stage partial record station 1991 - 2002, continuous record site by Nebraska Department of Natural Resources 2003 - present.

REMARKS.--Records are fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 133 cubic feet per second October 23, gage height 3.14 feet; minimum daily discharge 4.4 cubic feet per second October 10.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.0	13	10	10	9.1	8.0e	7.9	10	8.6	6.4	6.6	6.6
2	4.9	13	11	10	8.9	8.4e	8.0	9.7	9.6	6.6	7.3	6.5
3	5.0	12	10	10	8.6	9.4	7.9	9.9	9.2	7.1	6.9	6.4
4	5.2	12	9.5e	9.1e	8.2e	9.5	8.2	10	8.8	6.9	7.5	6.2
5	5.5	12	9.4e	9.4e	8.7	9.4	8.0	9.8	8.8	6.5	6.9	6.1
6	17	12	10	9.6e	8.8	9.1	7.8	9.8	8.5	6.5	6.5	6.0
7	25	12	10	10.0	8.8	9.0	8.1	9.8	8.5	6.3	6.6	5.8
8	6.9	12	10	10.0	8.9	8.9	8.4	10.0	8.6	6.1	6.4	5.7
9	4.7	12	9.6e	9.9	10	8.8	8.4	9.5	8.7	5.8	6.8	5.5
10	4.4	13	9.4e	9.7e	9.4	8.1e	8.5	9.6	8.9	6.0	6.3	5.5
11	4.5	17	9.7	9.6	9.1	7.9e	8.5	9.6	8.8	7.2	6.3	5.5
12	6.5	14	9.7	9.8	9.0	8.5e	9.0	9.6	31	12	6.5	5.7
13	8.9	14	10	9.5e	9.3	8.6	9.2	9.7	18	26	5.7	5.4
14	16	13	10e	9.4e	8.4e	8.6	9.1	9.3	11	17	5.4	5.3
15	28	12	8.8e	8.9e	8.4e	8.6	8.9	9.4	10	9.3	6.8	5.1
16	11	12	8.9e	9.3e	8.6	8.5	9.0	9.1	9.3	13	6.5	4.9
17	8.6	12	9.2e	9.6	9.2	8.4	9.0	9.1	8.5	10	5.8	4.8
18	6.7	12	9.5e	9.5	9.2	8.2	10	8.7	8.1	8.8	5.7	4.8
19	5.8	12	9.0e	9.5	8.9	8.2	9.1	8.2	7.8	8.1	5.8	4.6
20	5.1	11e	8.9e	9.3	9.1	8.2	9.1	8.0	8.0	7.8	5.5	4.9
21	6.0	10e	9.0e	9.3	8.9	8.2	9.2	7.9	9.0	7.5	5.4	5.0
22	57	11	9.0e	9.4	8.8	8.3	9.2	7.4	8.0	7.5	5.3	5.1
23	113	11	9.5e	8.9e	9.0	8.3	9.3	7.3	8.0	7.8	5.1	5.4
24	76	11	9.5e	7.8e	9.2	8.0	9.7	7.4	8.2	7.5	5.1	5.3
25	43	11	9.9e	8.2e	9.3	8.1	9.5	7.5	8.0	7.7	4.9	5.3
26	26	11	10e	7.9e	9.2	8.0	9.9	42	8.1	9.0	18	5.2
27	20	11	10	8.2e	8.0e	7.8	9.4	20	7.9	7.9	17	4.9
28	18	11	10	8.7e	7.9e	7.9	9.2	12	7.7	7.5	18	4.8
29	16	11	10	8.7e	---	8.0	9.5	10	7.1	7.3	12	4.9
30	15	11	10	9.0e	---	8.0	11	9.3	6.7	6.9	8.5	5.1
31	14	---	10.0	9.5	---	7.8	---	8.8	---	6.6	7.1	---
TOTAL	588.7	361	299.5	287.7	248.9	260.7	268	328.4	287.4	266.6	234.2	162.3
MEAN	19.0	12.0	9.8	9.3	8.9	8.4	8.9	10.6	9.6	8.6	7.6	5.4
MAX	113	17	11	10	10	9.5	11	42	31	26	18	6.6
MIN	4.4	10	8.8	7.8	7.9	7.8	7.8	7.3	6.7	5.8	4.9	4.6
AC-FT	1168	716	594	571	494	517	532	651	570	529	465	322
CAL YEAR 2008	TOTAL		3311	MEAN	9.0	MAX	113.0	MIN	1.3	AC-FT	6568	
WTR YEAR 2009	TOTAL		3593	MEAN	9.8	MAX	113.0	MIN	4.4	AC-FT	7127	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

CENTER CREEK at Franklin, 06851000

LOCATION.--SE1/4SW1/4 Sec. 36-2-15 W. at Franklin, Franklin County, Latitude 40°05'33", Longitude 98°57'53", on the left bank at the downstream side of the Franklin County bridge at the southwest edge of Franklin, Nebraska.

GAGE.--Continuous stage recorder. Gage Datum is 1828.50 feet above sea level.

PERIOD OF RECORD.--1948 - 1956, Annual peaks and occasional low flow measurements 1961 - 1968, 1968 - 1975, 1977 - 1994, 2003 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993. Station location is about 1.7 miles downstream of the old station location. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,150 cubic feet per second September 20, 1950 at gage height 6.80 feet; minimum daily discharge zero August 29, 1948.

EXTREMES FOR CURRENT YEAR.--Peak discharge 329 cubic feet per second October 23, at gage height 5.99 feet; minimum daily discharge 1.9 cubic feet per second June 30.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.5	7.0	6.7	6.3	4.8	5.4e	5.9	6.4	5.0	2.3	4.2	5.5
2	4.2	6.8	6.4	6.4	4.8	5.5	5.7	6.5	5.5	2.8	3.7	5.5
3	4.1	6.5	6.2	6.6	5.2	5.4	5.5	6.7	5.6	3.0	2.8	6.0
4	3.9	6.3	6.2	6.8e	5.3	5.4	5.7	6.6	5.6	3.3	2.8	6.3
5	3.9	6.3	6.1	6.5e	5.3	5.4	6.0	6.6	5.6	3.9	2.6	5.1
6	8.6	6.2	5.7	6.4	5.2	5.2	6.2	6.5	5.3	4.2	3.5	4.9
7	6.2	6.2	5.6	6.2	5.0	5.3	6.2	6.0	5.5	4.2	3.5	4.6
8	4.7	6.3	5.5	6.1	4.9	5.3	6.0	6.0	5.5	4.2	2.9	4.5
9	4.3	6.4	5.6	6.1	5.2	5.5	5.9	6.1	5.4	3.8	2.8	4.5
10	4.1	7.0	5.8	5.6e	4.6	5.5e	5.9	6.3	5.5	3.3	2.2	4.4
11	4.5	7.7	5.7	5.4e	4.4	5.6e	5.9	6.4	5.0	3.6	2.0	4.4
12	9.0	6.7	5.9	4.5e	4.5	5.3e	5.9	6.5	4.8	33	2.0	4.5
13	8.0	6.7	5.8	4.7e	4.8	5.9	6.1	6.5	4.7	31	3.0	4.3
14	8.2	6.9	5.9e	4.6e	4.8e	5.7	6.0	6.4	4.7	15	3.5	4.3
15	12	7.1	5.6e	4.5e	5.3e	5.6	5.9	6.5	4.7	5.2	3.6	4.2
16	13	7.1	5.2e	5.3e	5.4	5.5	5.8	6.3	4.7	5.3	4.4	4.1
17	8.6	6.7	5.3e	5.6	5.6	5.4	5.9	6.1	4.9	4.7	4.4	3.9
18	6.5	7.0	5.6e	4.7	5.3	5.4	6.5	5.9	6.9	4.5	4.5	3.9
19	5.8	7.2	5.3e	4.4	5.0	5.5	5.9	5.7	4.1	4.3	4.0	3.9
20	5.5	7.2	5.2e	4.5	4.8	5.5	5.7	5.6	3.8	4.4	3.9	3.8
21	6.3	7.2	5.0e	4.6	4.9	5.4	5.7	5.6	4.2	7.8	6.6	3.6
22	70	7.1	5.3e	4.6	4.9	5.3	5.6	5.5	3.5	36	8.2	4.0
23	260	7.4	5.3e	4.6	4.9	5.5	5.6	5.2	12	24	8.0	4.2
24	104	7.8	5.4e	5.1e	4.8	5.9	5.5	5.3	43	7.2	5.6	4.1
25	26	7.8	5.5e	5.3e	4.8	5.8	5.7	5.4	16	6.5	4.4	4.0
26	14	7.5	6.2	5.1e	5.0	5.7	6.2	6.1	3.6	5.1	25	4.0
27	10	7.1	6.0	5.0e	5.4	5.9	6.1	6.2	2.7	3.5	28	3.8
28	8.9	7.1	6.4	5.3e	5.5e	6.0	6.2	5.7	2.8	3.5	21	3.7
29	7.9	7.2	6.3	5.4	---	5.9	6.7	5.3	2.2	4.1	6.5	4.1
30	7.3	6.9	6.1	4.9	---	5.9	7.3	5.1	1.9	4.5	5.0	4.0
31	7.2	---	6.2	5.0	---	5.9	---	5.0	---	4.3	5.4	---
TOTAL	651.2	208.4	179	166.1	140.4	172.5	179.2	186	194.7	252.5	190	132.1
MEAN	21.0	6.9	5.8	5.4	5.0	5.6	6.0	6.0	6.5	8.1	6.1	4.4
MAX	260	7.8	6.7	6.8	5.6	6.0	7.3	6.7	43	36	28	6.3
MIN	3.9	6.2	5.0	4.4	4.4	5.2	5.5	5.0	1.9	2.3	2.0	3.6
AC-FT	1292	413	355	329	278	342	355	369	386	501	377	262
CAL YEAR 2008	TOTAL		2530	MEAN	6.9	MAX	260.0	MIN	1.0	AC-FT	5019	
WTR YEAR 2009	TOTAL		2652	MEAN	7.3	MAX	260.0	MIN	1.9	AC-FT	5260	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

FRANKLIN PUMP CANAL from Republican River, 00054000

LOCATION.--NW1/4NE1/4 Sec. 10-1-14 W. near Franklin

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1954 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	17	11	---
2	---	---	---	---	---	---	---	---	---	17	11	---
3	---	---	---	---	---	---	---	---	---	16	11	---
4	---	---	---	---	---	---	---	---	---	6.8	8.6	---
5	---	---	---	---	---	---	---	---	---	0.00	0.00	---
6	---	---	---	---	---	---	---	---	---	0.00	0.00	---
7	---	---	---	---	---	---	---	---	---	0.00	0.00	---
8	---	---	---	---	---	---	---	---	---	0.00	0.00	---
9	---	---	---	---	---	---	---	---	---	17	0.00	---
10	---	---	---	---	---	---	---	---	---	16	0.00	---
11	---	---	---	---	---	---	---	---	---	16	0.00	---
12	---	---	---	---	---	---	---	---	---	7.7	17	---
13	---	---	---	---	---	---	---	---	---	0.00	16	---
14	---	---	---	---	---	---	---	---	---	0.00	14	---
15	---	---	---	---	---	---	---	---	---	0.00	11	---
16	---	---	---	---	---	---	---	---	---	0.00	11	---
17	---	---	---	---	---	---	---	---	---	0.00	11	---
18	---	---	---	---	---	---	---	---	---	0.00	11	---
19	---	---	---	---	---	---	---	---	---	0.00	11	---
20	---	---	---	---	---	---	---	---	---	0.00	10	---
21	---	---	---	---	---	---	---	---	---	0.00	10	---
22	---	---	---	---	---	---	---	---	---	0.00	0.00	---
23	---	---	---	---	---	---	---	---	---	0.00	0.00	---
24	---	---	---	---	---	---	---	---	16	0.00	0.00	---
25	---	---	---	---	---	---	---	---	16	0.00	0.00	---
26	---	---	---	---	---	---	---	---	14	0.00	0.00	---
27	---	---	---	---	---	---	---	---	15	17	0.00	---
28	---	---	---	---	---	---	---	---	16	17	0.00	---
29	---	---	---	---	---	---	---	---	15	16	0.00	---
30	---	---	---	---	---	---	---	---	16	13	0.00	---
31	---	---	---	---	---	---	---	---	---	11	0.00	---
TOTAL	0	0	0	0	0	0	0	0	108	187.5	163.6	0
MEAN	---	---	---	---	---	---	---	---	15.4	6.0	5.3	---
MAX	---	---	---	---	---	---	---	---	16	17	17	---
MIN	---	---	---	---	---	---	---	---	14	0.00	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	214	372	324	0.00
CAL YEAR 2008	MAX	25.0	MIN	0.000	AC-FT	574						
WTR YEAR 2009	MAX	17.0	MIN	0.000	AC-FT	911						

REPUBLICAN RIVER at Riverton, 06851090

LOCATION.--NE1/4NE1/4 Sec. 3-1-13 W., Franklin County, Latitude 40° 05' 20", Longitude 98° 45' 54", on the left, upstream side of the Franklin County Road near the west edge of Riverton, NE.

GAGE.--Continuous stage recorder. Datum of gage is 1,749.80 feet above sea level.

DRAINAGE AREA.--21,300 square miles

PERIOD OF RECORD.--USGS miscellaneous site 1963 - 1967, crest-stage gage 1970 - 1978, Department of natural Resources continuous record 2003 - to present.

REMARKS.--Records are fair, except estimated records and records above 100 cubic feet per second are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,580 cubic feet per second May 5, 2007, gage height 9.62 feet; minimum daily discharge zero on August 27, 28, and September 1 - 22, 2004 and August 11, 2005.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,270 cubic feet per second October 23, gage height 6.83 feet; minimum daily discharge 22 cubic feet per second October 4 & 5.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	62	224	259e	229	114e	78	135	98	442	335	194
2	24	56	222	278e	220	132e	74	86	101	419	325	234
3	23	48	216	300e	196e	123e	70	74	111	377	316	227
4	22	237	209	293e	211	103	66	72	106	353	315	193
5	22	400	205	290e	216	90	63	103	103	276	331	114
6	35	477	204	306e	216	77	62	161	97	219	337	61
7	102	532	202	312e	214	69	61	163	93	219	333	55
8	97	578	202	304e	212	66	59	165	97	284	326	56
9	64	634	189e	300e	224	65	56	162	95	309	360	51
10	46	692	183e	253e	219	63	54	165	96	316	382	47
11	41	727	187e	189e	204	61	53	168	96	335	382	45
12	49	717	181e	168e	224e	61	54	170	95	479	326	46
13	165	710	191	161e	210e	61	57	170	105	449	298	44
14	164	706	185	166e	180e	59	55	164	122	346	294	43
15	196	704	149e	135e	201e	57	51	165	156	208	286	41
16	182	702	172e	174e	202e	54	48	163	212	103	293	40
17	124	704	175e	208	215e	136	47	162	155	152	282	38
18	105	705	159e	192	215e	405	57	160	132	71	223	36
19	92	701	162e	194	194e	498	55	159	152	47	186	36
20	81	705	157e	194	230e	513	49	156	201	105	163	35
21	83	707	155e	195	223e	519	46	131	237	153	159	33
22	369	503	163e	196	216	522	44	105	269	274	158	33
23	1050	437	167e	195	210	525	43	100	291	370	174	38
24	467	426	175e	180e	206	526	42	97	443	379	204	35
25	252	422	180e	167e	203	523	42	94	607	380	206	35
26	174	418	208e	175e	171e	368	47	117	316	383	261	35
27	132	325	214e	199e	123e	168	47	211	272	378	195	33
28	111	248	225e	224e	115e	116	45	135	309	395	71	32
29	97	237	252e	227e	---	101	52	116	354	399	77	31
30	85	231	251e	226e	---	91	87	106	427	374	156	31
31	72	---	244e	228e	---	83	---	99	---	340	172	---
TOTAL	4550	14751	6008	6888	5699	6349	1664	4234	5948	9334	7926	1972
MEAN	146.7	491.8	193.8	222.1	203.6	204.8	55.5	136.5	198.3	301.2	255.6	65.7
MAX	1050	727	252	312	230	526	87	211	607	479	382	234
MIN	22	48	149	135	115	54	42	72	93	47	71	31
AC-FT	9025	29260	11920	13660	11300	12590	3300	8398	11800	18510	15720	3911
CAL YEAR 2008	TOTAL		71274	MEAN	194.7	MAX	1790	MIN	12.0	AC-FT	141400	
WTR YEAR 2009	TOTAL		75323	MEAN	206.4	MAX	1050	MIN	22.0	AC-FT	149400	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

THOMPSON CREEK at Riverton, 06851500

LOCATION.--NW1/4NW1/4 Sec. 2-1-13 W., Franklin County, Lat. 40°05'21", Long. 98°45'38", on left bank 15 feet downstream from bridge on U. S. Highway 136, at west edge of Riverton, 240 feet upstream from Burlington Northern Railroad bridge, and 0.5 miles upstream from the mouth.

DRAINAGE AREA.--290 square miles; approximately 197 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,753.38 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - 1956, Annual peaks 1962 - 1968, occasional low flow measurements 1961 -1968, 1968 - 1975, 1977 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 12,200 cubic feet per second July 9, 1950 at gage height 13.22 feet; minimum daily discharge 6.5 cubic feet per second June 11, 1996 and July 26, 2007.

EXTREMES FOR CURRENT YEAR.--Peak discharge 966 cubic feet per second October 23, gage height 8.69 feet; minimum daily discharge 9.7 cubic feet per second June 15.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	13	19	18	19	18e	19	18	14	11	29	13
2	12	16	20	18	19	19	19	17	16	12	15	13
3	13	19	19	18	19	19	19	18	17	14	14	13
4	13	20	18	18e	19	19	19	19	17	15	15	14
5	14	21	18	18	19	19	19	19	15	13	16	14
6	27	20	19	18	19	19	19	18	15	13	16	14
7	58	19	18	18	19	20	19	17	15	13	15	14
8	73	19	18	18	19	20	19	17	14	13	15	14
9	22	19	18	19	21	19	19	16	13	14	14	14
10	14	20	17	19	20	18	19	17	13	13	15	15
11	12	23	18	20	20	18e	19	17	13	14	15	16
12	26	22	18	20	20	18	20	17	13	32	14	17
13	120	22	19	19e	20	18	21	17	11	21	13	16
14	99	21	17e	19e	19e	19	20	16	10	42	13	17
15	211	20	14e	18e	19e	19	19	16	9.7	13	14	16
16	106	20	13e	18e	19	19	20	16	266	13	16	16
17	41	20	13e	19	20	18	20	15	165	11	14	15
18	26	20	13e	20	20	18	23	14	39	11	14	16
19	19	20	13e	20	20	18	20	15	20	9.8	15	15
20	16	20	13e	20	20	18	20	15	13	10	13	16
21	20	20	13e	21	20	19	20	15	13	14	14	16
22	469	20	14e	20	20	20	19	15	11	18	13	17
23	848	20	15e	19e	20	20	19	15	10	12	13	18
24	332	20	15e	19e	20	19	20	15	76	11	12	18
25	117	19	16e	19e	20	20	19	15	494	11	12	18
26	47	20	17e	17e	20	20	22	52	82	11	18	19
27	21	20	17e	17e	19e	20	21	189	35	12	18	18
28	15	20	18	17e	18e	20	20	48	17	28	17	17
29	13	20	18	18e	---	19	22	19	12	22	13	17
30	13	20	18	19	---	19	30	13	11	13	12	17
31	13	---	18	19	---	19	---	13	---	13	12	---
TOTAL	2842	593	514	580	547	588	604	743	1469.7	472.8	459	473
MEAN	91.6	19.7	16.7	18.8	19.6	18.9	20.2	24.0	49.0	15.3	14.8	15.8
MAX	848	23	20	21	21	20	30	189	494	42	29	19
MIN	12	13	13	17	18	18	19	13	9.7	9.8	12	13
AC-FT	5637	1176	1020	1150	1085	1166	1198	1474	2915	938	910	938
CAL YEAR 2008	TOTAL		11250	MEAN	30.7	MAX	1450	MIN	9.2	AC-FT	22310	
WTR YEAR 2009	TOTAL		9886	MEAN	27.1	MAX	848.0	MIN	9.7	AC-FT	19610	

e indicates estimated discharge.

ELM CREEK at Amboy, 06852000

LOCATION.--NE1/4NW1/4 Sec. 3-1-10 W., Webster County, Lat. 40°05'20", Long. 98°26'07", on left bank at downstream side of bridge on U. S. Highway 136, at east edge of Amboy, 400 feet east of Burlington Northern railroad track, 2.5 miles upstream from the mouth, 4.5 miles east of Red Cloud, and 5.5 miles west of Guide Rock.

DRAINAGE AREA.--39.2 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,659.07 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - 1953, Annual peaks 1959, 1961 - 1977, occasional low flow measurements 1954 - 1977, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,540 cubic feet per second July 4, 2000 at gage height 17.10 feet; minimum daily discharge 6.2 cubic feet per second August 28, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 459 cubic feet per second October 23, gage height 12.83 feet; minimum daily discharge 10 cubic feet per second September 19 - 30.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	17	16	19	18	16e	15	17	14	12	15	11
2	14	17	17	19	17	17	15	17	15	12	14	12
3	14	17	16	19	17	17	16	17	15	13	14	12
4	14	16	16e	19	17	18	15	18	15	14	13	12
5	14	17	16	19	17	18	15	17	15	13	13	12
6	17	16	17	19	17	17	15	17	15	13	13	12
7	16	16	17	18	17	17	15	17	16	12	13	11
8	15	16	17	18	17	17	15	17	16	11	13	11
9	14	16	17	18	19	17	16	16	16	12	12	11
10	14	17	17	18	18	16e	16	16	16	12	12	11
11	14	18	17	18	18	16e	15	17	17	12	12	11
12	16	17	17	18	18	16e	16	17	16	13	12	12
13	23	17	18	18	18	16	16	17	16	13	11	11
14	25	16	17	18	17	16	16	16	16	14	12	11
15	31	16	16e	17e	17	17	16	16	15	12	12	11
16	30	16	16e	18	17	16	15	16	16	13	13	11
17	21	16	16e	18	18	16	15	15	15	13	12	11
18	16	16	16e	18	18	16	16	15	14	13	12	11
19	15	16	16e	18	17	16	15	15	14	13	12	10
20	14	16	16e	18	18	16	15	15	14	13	11	10
21	15	16	16e	18	17	16	15	14	14	13	11	10
22	266	16	16e	18	17	16	15	14	13	13	11	10
23	261	16	17e	17	17	17	15	15	13	13	10	10
24	67	16	17e	16e	18	16	15	15	14	13	10	10
25	30	16	18	16e	18	16	15	15	14	13	11	10
26	23	16	19	16e	18	16	16	15	13	13	13	10
27	20	16	19	16e	17e	16	16	16	13	13	12	10
28	19	16	18	17e	16e	16	16	15	12	14	12	10
29	18	16	18	17	---	16	18	15	12	14	11	10
30	18	16	18	18	---	16	19	15	12	13	11	10
31	17	---	18	18	---	15	---	14	---	14	11	---
TOTAL	1105	489	525	552	488	507	468	491	436	399	374	324
MEAN	35.7	16.4	17.0	17.9	17.4	16.3	15.7	15.9	14.7	12.9	12.1	10.9
MAX	266	18	19	19	19	18	19	18	17	14	15	12
MIN	14	16	16	16	16	15	15	14	12	11	10	10.0
AC-FT	2192	970	1041	1095	968	1006	928	974	865	791	742	643
CAL YEAR 2008 TOTAL			7242	MEAN	19.8	MAX	293.0	MIN	13.0	AC-FT	14360	
WTR YEAR 2009 TOTAL			6158	MEAN	16.9	MAX	266.0	MIN	10.0	AC-FT	12210	

E indicates estimated discharge.

REPUBLICAN RIVER BASIN

COURTLAND CANAL from Republican River, 00031000

LOCATION.--SE1/4SE1/4 Sec. 7-1-9 W. near Guide Rock

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1952 -present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	126	302	254	154
2	---	---	---	---	---	---	---	0.00	120	314	254	156
3	---	---	---	---	---	---	---	0.00	116	294	251	156
4	---	---	---	---	---	---	---	0.00	116	250	248	108
5	---	---	---	---	---	---	---	0.00	116	229	246	85
6	---	---	---	---	---	---	---	0.00	115	237	244	84
7	---	---	---	---	---	---	---	0.00	116	243	255	83
8	---	---	---	---	---	---	---	0.00	125	245	274	83
9	---	---	---	---	---	---	---	0.00	133	246	280	82
10	---	---	---	---	---	---	---	0.00	132	246	305	91
11	---	---	---	---	---	---	---	0.00	144	247	319	86
12	---	---	---	---	---	---	---	0.00	148	248	287	87
13	---	---	---	---	---	---	---	0.00	146	189	257	83
14	---	---	---	---	---	---	---	0.00	147	128	250	80
15	---	---	---	---	---	---	---	0.00	148	115	251	79
16	---	---	---	---	---	---	---	0.00	163	114	251	78
17	---	---	---	---	---	---	---	0.00	193	115	253	78
18	---	---	---	---	---	---	---	95	201	117	239	78
19	---	---	---	---	---	---	---	103	200	115	211	78
20	---	---	---	---	---	---	---	105	213	142	202	78
21	---	---	---	---	---	---	---	108	231	176	194	78
22	---	---	---	---	---	---	---	108	244	184	189	78
23	---	---	---	---	---	---	---	107	251	213	189	74
24	---	---	---	---	---	---	---	107	249	249	200	74
25	---	---	---	---	---	---	---	107	263	260	209	72
26	---	---	---	---	---	---	---	117	261	260	154	74
27	---	---	---	---	---	---	---	128	250	288	100	71
28	---	---	---	---	---	---	---	131	248	302	84	67
29	---	---	---	---	---	---	---	128	252	304	84	64
30	---	---	---	---	---	---	---	127	274	270	83	64
31	---	---	---	---	---	---	---	126	---	252	128	---
TOTAL	0	0	0	0	0	0	0	1597	5441	6894	6745	2603
MEAN	---	---	---	---	---	---	---	51.5	181.4	222.4	217.5	86.7
MAX	---	---	---	---	---	---	---	131	274	314	319	156
MIN	---	---	---	---	---	---	---	0.00	115	114	83	64
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3168	10790	13670	13380	5163
CAL YEAR 2008	MAX	372.0	MIN	0.000	AC-FT	32240						
WTR YEAR 2009	MAX	319.0	MIN	0.000	AC-FT	46180						

REPUBLICAN RIVER BASIN

SUPERIOR CANAL from Republican River, 00137000

LOCATION.--NW1/4NW1/4 Sec. 8-1-9 W. near Guide Rock

GAGE.--Continuous stage recorder and 12 ft. Parshall flume

PERIOD OF RECORD.--1951 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	50	58	36
2	---	---	---	---	---	---	---	---	0.00	51	52	37
3	---	---	---	---	---	---	---	---	0.00	52	60	31
4	---	---	---	---	---	---	---	---	0.00	23	65	11
5	---	---	---	---	---	---	---	---	0.00	0.00	68	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	74	0.00
7	---	---	---	---	---	---	---	---	0.00	15	74	0.00
8	---	---	---	---	---	---	---	---	0.00	35	72	0.00
9	---	---	---	---	---	---	---	---	0.00	57	73	---
10	---	---	---	---	---	---	---	---	0.00	71	74	---
11	---	---	---	---	---	---	---	---	0.00	75	71	---
12	---	---	---	---	---	---	---	---	0.00	77	62	---
13	---	---	---	---	---	---	---	---	0.00	67	56	---
14	---	---	---	---	---	---	---	---	0.00	33	62	---
15	---	---	---	---	---	---	---	---	0.00	0.00	66	---
16	---	---	---	---	---	---	---	---	0.00	0.00	63	---
17	---	---	---	---	---	---	---	---	0.00	0.00	57	---
18	---	---	---	---	---	---	---	---	0.00	0.00	47	---
19	---	---	---	---	---	---	---	---	0.00	0.00	40	---
20	---	---	---	---	---	---	---	---	0.00	0.00	39	---
21	---	---	---	---	---	---	---	---	0.00	0.00	38	---
22	---	---	---	---	---	---	---	---	0.00	34	46	---
23	---	---	---	---	---	---	---	---	15	57	51	---
24	---	---	---	---	---	---	---	---	35	72	51	---
25	---	---	---	---	---	---	---	---	36	78	51	---
26	---	---	---	---	---	---	---	---	32	79	29	---
27	---	---	---	---	---	---	---	---	30	78	0.00	---
28	---	---	---	---	---	---	---	---	30	79	0.00	---
29	---	---	---	---	---	---	---	---	42	72	0.00	---
30	---	---	---	---	---	---	---	---	50	65	0.00	---
31	---	---	---	---	---	---	---	---	---	64	23	---
TOTAL	0	0	0	0	0	0	0	0	270	1284	1522	115
MEAN	---	---	---	---	---	---	---	---	9.0	41.5	49.1	14.4
MAX	---	---	---	---	---	---	---	---	50	79	74	37
MIN	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	536	2547	3019	228
CAL YEAR 2008	MAX	133.0	MIN	0.000	AC-FT	5669						
WTR YEAR 2009	MAX	79.0	MIN	0.000	AC-FT	6329						

REPUBLICAN RIVER BASIN

REPUBLICAN RIVER near Guide Rock, 06853000

LOCATION.--SW1/4NE1/4 Sec. 7-1-9 W., Webster County, Lat. 40°04'05", Long. 98°22'26", on right bank about 0.15 miles downstream of the Diversion Dam for Courtland Canal (00031000). The station is 3.1 river miles about station 06853020, Republican River at Guide Rock, NE.

DRAINAGE AREA.--22,040 square miles, of which 14,550 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,629.13 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1951 - 1984 operated by USGS, 2009 by Nebraska Department of Natural Resources; 1985 - 2008 the gage Republican River at Guiderock, 06853020, was operated 3.1 miles downstream at Nebraska Highway 78 by USGS and Nebraska Department of Natural Resources.

REMARKS.--Published by U. S. Geological Survey 1951 - 1984. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,950 cubic feet per second October 23, gage height 10.94 feet; minimum daily discharge 0.96 cubic feet per second September 30.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	121	223	337	320	264e	279	170	450	28	73	93	50
2	99	218	336	297	262e	283	161	308	39	65	101	62
3	92	215	336	312	258e	285	153	227	43	83	73	67
4	84	208	326	313	262e	228	149	202	39	171	35	150
5	78	502	323	282	284e	200	145	190	33	218	22	187
6	92	663	329	282	300e	188	141	217	28	119	24	92
7	125	761	332	300	290e	179	140	255	27	44	20	40
8	168	753	337	316	305e	173	142	254	25	17	10	27
9	164	751	334	323	332	171	147	261	20	18	15	19
10	114	760	316	315	345	167	143	257	21	12	23	13
11	86	816	319	305	325	156	132	262	19	12	22	9.5
12	84	830	320	301	305	157	134	257	13	95	41	8.3
13	179	814	326	281	407	164	142	243	13	353	26	7.5
14	386	803	322	289	451	171	147	248	16	363	27	7.0
15	452	790	329e	234	447	169	144	239	33	320	31	6.5
16	488	789	335e	204	454	170	135	235	45	167	55	5.8
17	313	786	346e	283	462	171	126	230	241	98	59	5.2
18	187	782	346e	346	468	266	136	218	72	110	79	4.8
19	137	785	335e	350	465	565	141	127	18	53	67	4.4
20	109	776	327e	317	467	626	135	93	12	22	45	4.0
21	99	776	325e	293	457	640	129	90	19	24	16	3.6
22	1050	750	338e	287	343	671	126	67	20	29	11	3.2
23	2560	580	342e	282	304	682	125	48	14	44	10.0	2.7
24	1820	547	348e	263	302	664	122	41	11	54	10	2.3
25	1010	536	340e	239e	303	663	116	39	333	52	11	2.0
26	614	529	353e	234e	304	651	118	32	413	51	129	1.8
27	414	522	377e	226e	298	416	123	117	74	46	299	1.6
28	319	408	389e	244e	290	267	120	235	43	55	161	1.3
29	276	363	386e	226e	---	227	146	82	38	93	80	1.1
30	253	348	374	236e	---	203	329	45	56	124	74	0.95
31	237	---	342	248e	---	185	---	31	---	91	54	---
TOTAL	12210	18384	10525	8748	9754	10037	4317	5600	1806	3076	1723	790.55
MEAN	393.7	612.9	339.5	282.2	348.4	323.7	143.7	180.7	60.2	99.2	55.5	26.4
MAX	2560	830	389	350	468	682	329	450	413	363	299	187
MIN	78	208	316	204	258	156	116	31	11	12	10.0	0.95
AC-FT	24220	36460	20880	17350	19350	19910	8563	11110	3582	6101	3418	1568
CAL YEAR 2008	TOTAL		41119	MEAN	446.9	MAX	2560	MIN	78.0	AC-FT	81560	
WTR YEAR 2009	TOTAL		86971	MEAN	238.3	MAX	2560	MIN	0.95	AC-FT	172500	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Surprise, 06879900

LOCATION.--NW1/4NW1/4 Sec. 15-13-1 E., Butler County, Lat. 41° 06' 05", Long. 97° 18' 35", on left bank
50 feet downstream from bridge on county road at south edge of Surprise.

DRAINAGE AREA.--345 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,522.84 feet above mean sea level.

PERIOD OF RECORD.--1964 - present (Published as North Branch Big Blue River at Surprise WY 1964)

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except
estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,700 cubic feet per second July 19, 1965, gage height
11.52 feet; no flow for many days in many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 559 cubic feet per second October 23, gage height 4.85 feet;
minimum daily discharge 0.01 cubic feet per second September 17.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.78	14	1.9e	1.3e	1.2e	0.38e	0.27	1.6	0.70	4.0	2.1	13
2	0.79	8.5	2.1e	1.4e	1.4e	0.37e	0.38	1.7	1.5	3.3	2.5	6.4
3	0.91	4.2	2.0e	1.4e	1.3e	0.42e	0.34	1.9	0.83	2.6	2.3	3.2
4	0.97	3.8	1.8e	1.3e	1.3e	0.48e	0.24	1.5	0.72	2.4	1.9	1.7
5	0.98	3.5	1.7e	1.3e	1.4e	0.79e	0.66	1.3	0.69	2.2	2.2	0.96
6	1.1	2.6	1.7e	1.4e	1.6e	1.2e	1.0	1.1	208	2.2	1.6	9.7
7	1.7	2.1	1.8e	1.1e	1.7e	1.1e	1.8	1.2	90	1.9	2.2	4.9
8	11	1.8	1.8e	1.0e	1.6e	1.2e	1.4	1.0	50	2.0	1.2	2.0
9	2.9	1.9	1.6e	1.4e	1.6e	1.1e	2.4	0.58	69	2.8	3.3	1.1
10	1.1	2.1	1.4e	1.3e	2.0e	1.0e	2.1	0.67	92	2.5	4.0	0.63
11	0.52	13	1.5e	1.0e	1.8e	0.51e	1.5	0.66	46	2.9	2.5	7.4
12	0.42	21	1.5e	1.0e	1.8e	0.44e	1.5	0.86	70	2.8	1.8	13
13	11	13	1.7e	0.90e	1.8e	0.51e	1.8	1.5	42	2.3	2.9	1.2
14	9.9	12	1.8e	0.90e	1.3e	0.72e	1.5	0.96	19	2.1	3.2	0.38
15	23	5.6	1.6e	0.61e	1.3e	0.80e	1.4	1.3	11	4.4	28	0.17
16	12	3.4	1.2e	0.50e	1.4e	0.89e	1.3	1.1	7.5	7.0	15	0.02
17	5.8	2.8	1.2e	0.61e	1.5e	1.0e	1.2	0.56	5.1	4.8	3.6	0.01
18	5.1	2.2	1.2e	0.63e	1.4e	1.2e	1.3	0.33	3.6	2.5	1.7	0.03
19	2.3	2.3	1.2e	0.85e	1.3e	0.84	1.6	0.26	137	1.9	1.7	0.09
20	1.6	2.0e	1.2e	0.86e	1.3e	0.80	2.0	0.21	191	2.0	1.3	0.13
21	1.6	1.8e	1.1e	1.0e	1.1e	0.82	1.6	0.33	83	2.1	0.89	0.20
22	319	1.9	1.1e	1.5e	0.99e	0.72	1.5	0.29	126	3.9	0.82	0.11
23	454	2.1	1.1e	1.7e	1.1e	0.93	1.7	4.1	183	5.8	0.74	0.12
24	238	2.4	1.00e	1.5e	1.1e	1.5	1.7	13	167	2.3	0.52	0.11
25	162	2.4	0.95e	1.0e	1.3e	2.5	1.4	2.0	77	2.1	0.54	0.06
26	122	2.1	1.1e	0.65e	1.5e	0.93	1.5	1.1	38	1.9	107	0.04
27	74	2.1	1.1e	0.39e	0.84e	0.48	1.3	0.93	25	2.0	94	0.03
28	43	2.0e	1.4e	0.55e	0.60e	0.32	1.2	0.68	15	2.6	96	0.02
29	29	2.1e	1.4e	0.55e	---	0.23	1.8	0.58	9.5	3.2	77	0.05
30	22	2.0e	1.5e	0.74e	---	0.29	1.6	0.68	6.1	3.0	45	0.09
31	15	---	1.5e	0.96e	---	0.26	---	0.67	---	2.2	25	---
TOTAL	1573.47	142.7	45.15	31.3	38.53	24.73	40.99	44.65	1775.24	89.7	532.51	66.85
MEAN	50.7	4.7	1.5	1.0	1.4	0.80	1.4	1.4	59.2	2.9	17.2	2.2
MAX	454	21	2.1	1.7	2.0	2.5	2.4	13	208	7.0	107	13
MIN	0.42	1.8	0.95	0.39	0.60	0.23	0.24	0.21	0.69	1.9	0.52	0.01
AC-FT	3121	283	90	62	76	49	81	89	3521	178	1056	133
CAL YEAR 2008	TOTAL		25537	MEAN	69.8	MAX	5020	MIN	0.12	AC-FT	50650	
WTR YEAR 2009	TOTAL		4406	MEAN	12.1	MAX	454.0	MIN	0.010	AC-FT	8739	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

LINCOLN CREEK near Seward, 06880000

LOCATION.--NW1/4NE1/4 Sec. 24-11-2 E., Seward County, Lat. 40° 54' 57", Long. 97° 08' 43", on left bank at downstream side of county road bridge, 2 miles west of Seward, and 3.8 miles upstream from the mouth.

DRAINAGE AREA.--438 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,429.27 feet above sea level.

PERIOD OF RECORD.--1953 - 1973, March 1974 - present. Month discharge only for some periods, published in USGS WSP 1730.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,100 cubic feet per second June 17, 1957, gage height 20.53 feet; minimum daily discharge 1.3 cubic feet per second July 31, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,010 cubic feet per second October 24, gage height 15.00 feet; minimum daily discharge 14 cubic feet per second estimated December 22, March 2, 3, & 12.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	48	26	31e	30e	15e	18	20	24	28	19	48
2	22	44	25	34e	30e	14e	18	21	24	27	19	26
3	23	42	25	34e	28e	14e	19	22	23	26	18	22
4	23	39	21e	25e	26e	16e	20	22	27	26	35	21
5	24	38	23e	27e	26e	18	18	23	25	25	72	75
6	24	37	22e	30e	27e	18	19	24	200	24	32	42
7	27	35	23e	32e	39e	18	19	25	233	24	26	25
8	27	35	24	30e	35	18	19	25	196	23	22	20
9	26	34	21e	31e	26	18	20	25	44	22	20	18
10	26	34	21e	29e	35	16e	21	25	34	22	19	17
11	27	41	22e	27e	28	15e	20	25	32	21	18	16
12	28	57	22e	27e	25	14e	21	24	33	22	17	17
13	32	54	23	24e	23	16e	22	22	52	23	17	17
14	52	44	22e	24e	16e	18	21	22	48	21	17	16
15	106	44	18e	20e	18e	18	20	22	33	21	29	16
16	82	44	16e	19e	19e	18	20	22	61	22	47	16
17	56	39	16e	20e	20	17	20	21	34	22	32	18
18	51	36	18e	21e	20	17	20	22	32	20	21	19
19	54	35	18e	24e	20	17	20	22	251	20	19	18
20	51	33	18e	27e	19	17	20	23	252	21	18	17
21	51	31	15e	29e	19	17	20	25	126	21	17	16
22	515	30	14e	31e	19	16	20	25	172	23	17	16
23	958	29	16e	33e	18	18	20	25	99	33	16	16
24	953	29	17e	28e	18	19	20	244	58	22	16	16
25	535	28	17e	23e	18	19	20	251	67	21	16	15
26	348	27	20e	22e	19	19	21	36	55	20	294	16
27	213	27	27e	21e	17e	18	21	28	42	20	547	16
28	125	27	31e	23e	16e	19	20	25	35	19	251	16
29	83	26	32e	23e	---	18	20	24	31	19	58	16
30	63	26	33e	23e	---	19	20	24	29	18	65	15
31	53	---	33e	26e	---	19	---	24	---	18	93	---
TOTAL	4680	1093	679	818	654	533	597	1188	2372	694	1907	642
MEAN	150.9	36.4	21.9	26.4	23.4	17.1	19.9	38.3	79.1	22.4	61.5	21.3
MAX	958	57	33	34	39	19	22	251	252	33	547	75
MIN	22	26	14	19	16	14	18	20	23	18	16	15
AC-FT	9283	2168	1347	1622	1297	1057	1184	2356	4705	1377	3782	1273
CAL YEAR 2008	TOTAL		32904	MEAN	89.9	MAX	1430	MIN	12.0	AC-FT	65260	
WTR YEAR 2009	TOTAL		15857	MEAN	43.4	MAX	958.0	MIN	14.0	AC-FT	31450	

e indicates estimated discharge.

BIG BLUE RIVER at Seward, 06880500

LOCATION.--SE1/4SW1/4 Sec. 20-11-3 E., Seward County, Lat. 40° 54' 10", Long. 97° 06' 40", at downstream end of right abutment of bridge on U.S. Highway 34 at west edge of Seward, 1.7 miles upstream of Plum Creek, and 0.2 mile downstream from Lincoln Creek.

DRAINAGE AREA.--1,107 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,421.49 feet above sea level.

PERIOD OF RECORD.--1954 - present. Monthly discharge only for some periods, published in WSP 1730.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 15,300 cubic feet per second June 18, 1957, gage height 22.34 feet; no flow July 30-31, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,890 cubic feet per second October 24, gage height 13.44 feet; minimum daily discharge 17 cubic feet per second August 11.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27	153	53	51e	43e	47e	51	70	47	86	29	147
2	27	135	53	53e	50e	46e	50	73	48	77	31	84
3	27	120	51	54e	51e	50e	49	67	49	74	34	66
4	28	112	46e	44e	53e	52e	50	64	54	74	46	52
5	27	106	42e	35e	57e	58e	52	62	49	72	148	118
6	28	103	43e	34e	59e	64	53	62	254	69	63	94
7	40	101	43e	35e	61	69	53	65	900	60	48	57
8	52	102	44	33e	69	68	55	62	821	50	35	41
9	99	98	43e	35e	79	67	69	61	336	43	31	39
10	61	99	43e	32e	114	62e	80	58	205	39	25	33
11	50	121	44e	30e	134	46e	80	55	217	42	17	28
12	43	171	43e	29e	119	45e	80	54	209	41	18	29
13	50	194	41e	28e	96	57e	80	57	207	45	22	30
14	78	165	42	26e	68e	58	74	70	311	43	23	43
15	169	149	37e	23e	60e	55	72	99	192	44	50	31
16	193	139	35e	21e	63e	55	70	80	220	49	126	26
17	144	124	34e	22e	68e	55	66	68	147	47	145	26
18	93	96	32e	26e	72	55	64	63	108	47	79	32
19	83	76	33e	28e	66e	53	63	61	461	48	53	27
20	74	73	33e	30e	64e	53	62	58	858	47	41	23
21	72	67	32e	31e	58e	51	63	54	932	47	39	22
22	756	64	31e	34e	57e	51	61	50	683	49	41	23
23	1750	61	29e	37e	62	51	59	44	366	92	37	21
24	1860	60	31e	32e	63	60	58	169	305	80	30	21
25	1350	59	31e	28e	66	73	59	417	343	70	28	22
26	821	57	32e	27e	65	76	59	122	331	59	382	23
27	498	56	44e	26e	57e	68	62	97	232	51	684	23
28	310	54	52e	27e	48e	62	58	68	166	42	549	24
29	207	54	54e	26e	---	56	65	62	124	34	249	25
30	177	53	53e	29e	---	53	70	54	101	27	239	25
31	172	---	53e	33e	---	54	---	50	---	24	225	---
TOTAL	9366	3022	1277	999	1922	1770	1887	2496	9276	1672	3567	1255
MEAN	302.0	100.8	41.2	32.2	68.7	57.0	63.0	80.5	309.2	53.9	115.1	41.9
MAX	1860	194	54	54	134	76	80	417	932	92	684	147
MIN	27	53	29	21	43	45	49	44	47	24	17	21
AC-FT	18580	5994	2533	1981	3812	3511	3743	4951	18400	3316	7075	2489
CAL YEAR 2008	TOTAL		98478	MEAN	269.1	MAX	10100	MIN	18.0	AC-FT	195300	
WTR YEAR 2009	TOTAL		38509	MEAN	105.5	MAX	1860	MIN	17.0	AC-FT	76380	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

TURKEY CREEK near Wilber, 06881200

LOCATION.--NE1/4NE1/4 Sec. 19-6-4 E., Saline County, Lat. 40° 28' 48", Long. 97° 00' 43", on left bank near downstream side of bridge on State Highway 41, 2.8 miles west of Wilber.

DRAINAGE AREA.--461 square miles.

GAGE.--Continuous stage recorder. Gage datum 1322.00 feet above sea level.

PERIOD OF RECORD.--1959 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 33,000 cubic feet per second June 13, 1984, gage height 21.43 feet. No flow September 20, 21, 24, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,760 cubic feet per second October 26, gage height 12.76 feet; minimum daily discharge 0.22 cubic feet per second September 19.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	66	26	24e	30e	14e	15	20	21	19	1.3	51
2	9.2	55	26	24e	32e	15e	15	20	23	16	1.2	22
3	8.8	50	22e	25e	25e	16e	15	19	29	15	0.73	14
4	8.9	47	20e	21e	27e	22	16	19	27	15	7.1	11
5	8.9	43	21e	16e	30e	25	15	19	24	14	3.3	7.4
6	9.0	39	20e	9.2e	31	23	15	19	32	12	1.0	6.6
7	9.6	35	22e	6.8e	39	22	16	18	36	11	0.83	3.0
8	9.7	32	27	7.8e	54	20	16	18	50	12	0.79	13
9	11	30	23e	8.3e	49	20	16	17	43	12	0.72	9.1
10	10	29	21e	6.5e	52	18e	16	17	37	12	0.56	4.7
11	9.3	29	19e	9.0e	55	15e	17	16	43	10	0.52	2.2
12	9.4	47	21e	8.6e	57e	15e	17	17	28	8.8	0.55	1.2
13	12	49	23	8.2e	51e	17e	18	17	23	8.2	0.42	0.64
14	14	53	29e	7.2e	36e	20	18	17	22	6.6	0.43	0.51
15	54	85	18e	7.0e	31e	18	19	18	20	6.5	0.58	0.85
16	178	76	10e	6.0e	33e	17	19	16	28	5.9	1.2	0.36
17	254	55	9.0e	7.4e	31	17	18	16	94	5.0	0.56	0.27
18	169	43	9.4e	9.5e	29e	17	18	15	111	3.9	0.57	0.26
19	93	36	11e	14e	29e	16	16	15	60	3.0	0.97	0.22
20	54	33	10e	16e	28e	17	16	15	40	4.1	0.74	0.24
21	36	32	8.8e	18e	23e	16	16	14	61	4.7	0.38	0.37
22	1010	29	8.4e	22e	23e	16	16	14	326	3.0	0.44	0.44
23	1700	28	8.8e	21e	24e	17	16	13	114	3.8	0.38	0.68
24	1590	29	10e	12e	24	16	16	41	51	4.0	0.58	0.64
25	1700	27	13e	10e	24	17	16	51	33	3.4	0.51	0.60
26	1570	25	15e	9.5e	22e	17	16	34	37	3.2	0.43	0.63
27	476	25	18e	8.7e	19e	17	17	34	85	2.3	0.42	3.7
28	210	24	23e	11e	17e	17	19	23	54	1.6	0.60	1.2
29	138	26	26e	11e	---	15	19	20	32	1.5	23	0.71
30	104	25	29e	12e	---	16	19	20	23	1.3	172	2.6
31	80	---	27e	22e	---	16	---	19	---	1.2	144	---
TOTAL	9555.8	1202	574.4	398.7	925	544	501	631	1607	230	366.81	160.12
MEAN	308.7	40.2	18.6	12.8	33.0	17.6	16.8	20.3	53.6	7.5	11.8	5.4
MAX	1700	85	29	25	57	25	19	51	326	19	172	51
MIN	8.8	24	8.4	6.0	17	14	15	13	20	1.2	0.38	0.22
AC-FT	18950	2384	1139	791	1835	1079	994	1252	3187	456	728	318
CAL YEAR 2008	TOTAL		52085	MEAN	142.3	MAX	2310	MIN	5.0	AC-FT	103300	
WTR YEAR 2009	TOTAL		16696	MEAN	45.7	MAX	1700	MIN	0.22	AC-FT	33120	

e indicates estimated discharge.

BIG BLUE RIVER at Beatrice, 06881500

LOCATION.--SW1/4NW1/4 Sec. 3-3-6 E., Gage County, Lat. 40° 15' 22", Long. 96° 44' 47", at the left upstream side of U.S. Highway 77 bridge, which is 6th street in Beatrice.

DRAINAGE AREA.--3,900 square miles, approximately 3,830 square miles contributes to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,219.90 feet above mean sea level.

PERIOD OF RECORD.--1910 - 1915, (Month discharge only for some periods, published in WSP 1310). 1954, 1960 - 1965, 1967 - 1969, 1971 - 1974 (discharge measurements only), 1974 - present. Gage height records collected 1905 - 1910, 1916 - 1974, are in reports of U.S. Weather Bureau.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair to good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 55,100 cubic feet per second June 14, 1984, gage height 31.27 feet; minimum daily discharge 20 cubic feet per second August 15, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 8,710 cubic feet per second October 24, gage height 15.67 feet; minimum daily discharge 124 cubic feet per second August 14.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	175	1000	308	302e	274e	267e	287	313	241	364	149	1690
2	165	840	300	321e	287e	277e	287	313	594	313	155	1430
3	151	713	303	330e	255e	283e	286	319	539	313	169	1080
4	153	626	283e	312e	248e	293e	286	316	332	310	209	794
5	151	573	272e	317e	258e	320	285	309	257	302	279	656
6	148	532	259e	322e	302e	317	283	297	323	301	241	534
7	150	486	263e	317e	343e	319	276	290	753	296	295	454
8	154	446	280	324e	357e	334	283	292	1250	299	287	427
9	154	410	281e	320e	368e	320	297	292	2200	290	242	365
10	246	392	276e	293e	373e	322	303	293	1550	310	214	327
11	278	433	262e	290e	381e	307	304	283	943	303e	184	323
12	244	433	251e	281e	397e	298	325	279	639	299e	160	335
13	248	476	274e	278e	386e	289	341	246	530	281e	142	284
14	267	620	259e	262e	363e	281	335	234	518	232e	124	262
15	740	680	213e	237e	345e	290	331	244	632	149	127	252
16	1300	685	214e	230e	368e	288	326	254	1290	131	150	269
17	1260	597	200e	241e	408e	291	327	254	1210	128	177	318
18	1200	535	193e	263e	429e	295	326	252	784	128	197	293
19	951	484	199e	275e	439e	296	315	224	725	127	351	254
20	762	448	195e	283e	430	301	279	199	844	136	504	247
21	647	410	189e	275e	417	293	271	195	1170	141	274	242
22	1960	377	190e	281e	377	289	268	193	2380	137	212	226
23	7290	360	204e	286e	340	279	282	186	2360	138	187	215
24	8510	344	185e	268e	306	335	286	184	1650	137	170	203
25	7920	338	210e	236e	293	320	283	287	1050	138	168	195
26	7440	328	243e	234e	314	302	366	467	794	139	171	195
27	6760	323	252e	228e	299e	319	440	840	771	138	166	194
28	4330	314	271e	219e	270e	326	354	515	739	140	580	182
29	2740	312	275e	229e	---	309	314	336	569	139	1560	177
30	1760	313	295e	241e	---	286	319	286	446	138	1740	170
31	1240	---	284e	247e	---	293	---	248	---	140	1690	---
TOTAL	59494	14828	7683	8542	9627	9339	9265	9240	28083	6537	11274	12593
MEAN	1919	494.3	247.8	275.6	343.8	301.2	308.9	298.0	936.2	210.9	363.6	419.7
MAX	8510	1000	308	330	439	335	440	840	2380	364	1740	1690
MIN	148	312	185	219	248	267	268	184	241	127	124	170
AC-FT	118000	29410	15240	16940	19090	18520	18380	18330	55700	12970	22360	24980
CAL YEAR 2008	TOTAL		440944	MEAN	1205	MAX	12300	MIN	148.0	AC-FT	874600	
WTR YEAR 2009	TOTAL		186505	MEAN	511.0	MAX	8510	MIN	124.0	AC-FT	369900	

e indicates estimated discharge.

LITTLE BLUE RIVER BASIN

BIG SANDY CREEK at Alexandria, 06883940

LOCATION.--SE1/4SE1/4 Sec. 11-3-1 W., Thayer County, Lat. 40° 14' 06", Long. 97° 23' 20", on right bank downstream from State Highway 53 bridge, 0.8 mile south of Alexandria.

DRAINAGE AREA.--607 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,390.55 feet above mean sea level.

PERIOD OF RECORD.--1979 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 21,900 cubic feet per second June 13, 1984, gage height 16.71 ft; minimum daily discharge 2.4 cubic feet per second September 11-12, 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,740 cubic feet per second October 22, gage height 10.73 feet; minimum daily discharge 15 cubic feet per second December 6, 10 & 11.

DISCHARGE (CFS), WATER YEAR 2009

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	84	17	18	20	22	21	35	21	26	27	23
2	22	71	17	18	20	22	21	31	23	25	27	20
3	21	63	17	17	21	22	22	27	21	25	24	19
4	20	53	16	17	21	22	21	27	21	26	23	22
5	20	47	16	18	21	21	21	26	21	25	21	22
6	21	40	15	18	22	21	21	25	20	24	22	22
7	20	33	16	18	21	22	21	25	21	23	23	23
8	21	30	17	19	21	21	21	25	130	22	22	19
9	20	27	16	19	20	21	22	25	37	22	22	17
10	20	27	15	18	20	21	22	25	28	19	24	17
11	20	28	15	19	21	20	22	24	25	18	22	18
12	19	177	16	19	21	21	22	24	25	19	20	19
13	25	115	16	19	23	20	22	23	24	20	19	18
14	26	84	18	19	22	21	22	23	23	38	16	18
15	408	62	18e	20	21	20	22	23	27	24	17	26
16	343	48	18	20	22	20	22	22	305	18	19	27
17	189	38	18	20	22	20	22	22	80	18	21	23
18	127	31	18	20	23	20	23	22	41	20	19	21
19	90	28	17	20	22	20	28	21	43	19	19	19
20	71	26	16	20	22	21	25	21	44	19	18	19
21	62	24	17	21	22	20	24	20	918	23	17	21
22	2330	22	18	21	22	19	24	20	111	21	16	20
23	2460	23	16	21	22	19	24	20	52	21	16	19
24	1600	22	17	21	21	21	24	41	110	21	18	19
25	928	22e	17	20	21	20	25	37	47	25	16	20
26	575	21e	16	20	21	21	26	26	35	27	18	20
27	435	19	17	20	22	21	26	23	30	26	18	20
28	313	19	17	21	21	21	25	21	27	26	20	20
29	219	19	17	20	---	21	25	21	26	26	36	20
30	146	18	17	20	---	21	26	21	27	24	32	20
31	105	---	17	20	---	21	---	21	---	24	29	---
TOTAL	10698	1321	518	601	598	643	692	767	2363	714	661	611
MEAN	345.3	44.1	16.8	19.5	21.3	20.7	23.1	24.8	78.8	22.9	21.3	20.4
MAX	2460	177	18	21	23	22	28	41	918	38	36	27
MIN	19	18	15	17	20	19	21	20	20	18	16	17
AC-FT	21220	2620	1027	1192	1186	1275	1373	1521	4687	1416	1311	1212
CAL YEAR 2008	TOTAL		44028	MEAN	120.3	MAX	2990	MIN	14.0	AC-FT	87330	
WTR YEAR 2009	TOTAL		20187	MEAN	55.3	MAX	2460	MIN	15.0	AC-FT	40040	

e indicates estimated discharge.

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