

2010

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**

2010

Prepared Under the Direction of Brian Dunnigan, Director

TABLE OF CONTENTS

	<u>Page</u>
Introduction and Explanation of Data.....	iii-iv
Daily Discharge of Rivers, Streams and Canals, and Storage in Reservoirs, 2010:	
White River Basin.....	1-2
Niobrara River Basin.....	3-32
North Platte River Basin.....	33-94, 99-109
South Platte River Basin.....	95, 110-114
Projects from North & South Platte Rivers.....	96-98
Platte River Basin.....	115-136
Platte River Basin:	
Loup River.....	137-170
Elkhorn River.....	171-181
Republican River Basin.....	182-220
Big Blue River Basin.....	221-225
Little Blue River Basin.....	226
Index.....	227-230

HYDROGRAPHIC REPORT

2010

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.

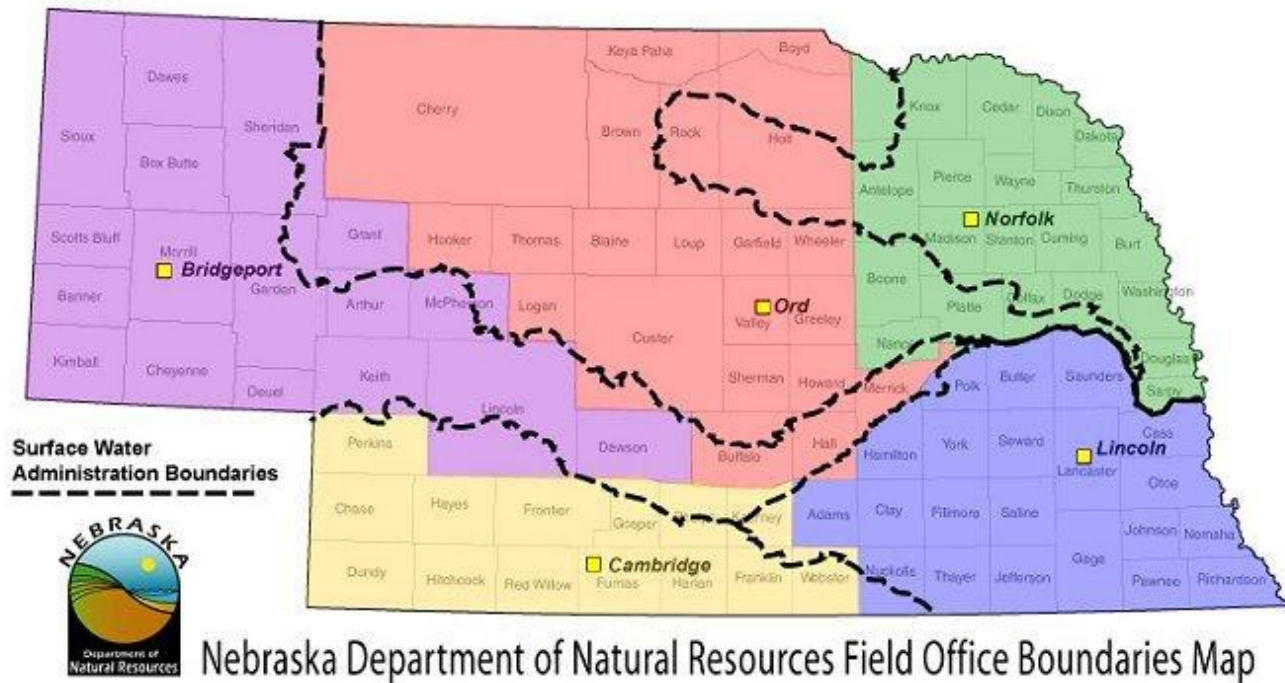
The Hydrographic Report for water year 2010 provides a record of stream flow, reservoir storage, and diversions for irrigation and power in Nebraska for gages operated by the Nebraska Department of Natural Resources according to statutory authority granted under Statutes 61-208, 61-209, 61-211, 46-227, 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:

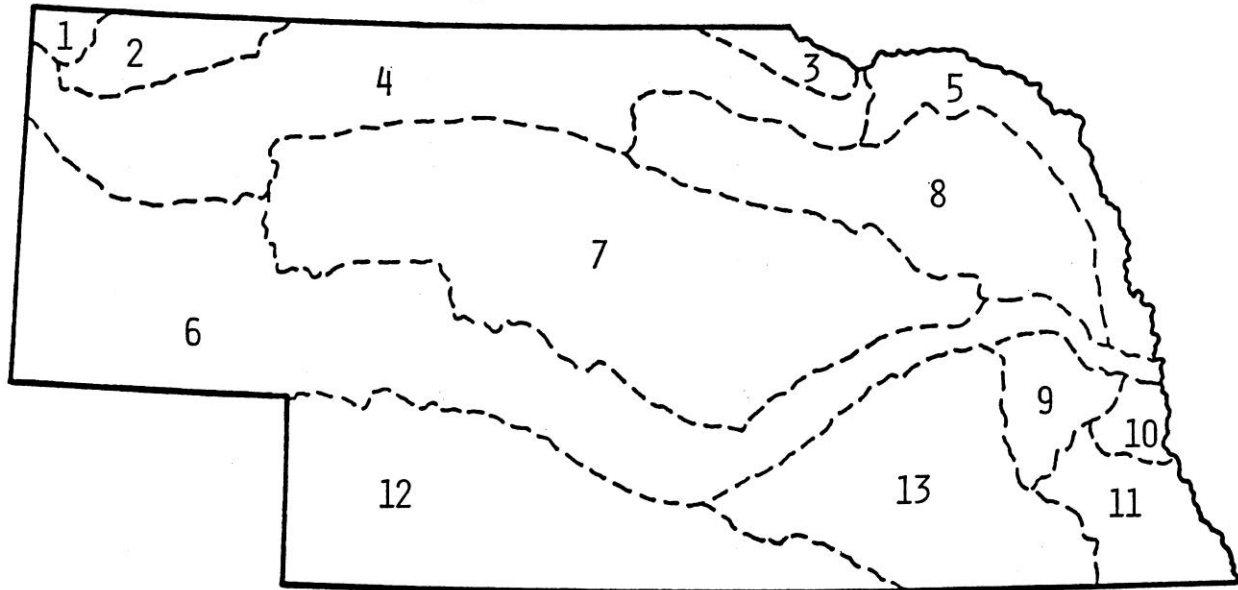
1 cubic foot.....	7.48 gallons or 62.4 lbs. of water
1 cubic foot.....	0.02832 cubic meters
1 acre-foot.....	43,560 cubic feet or 325,851 gallons
1 cubic foot per second (cfs)	448.8 gallons per minute
1 cfs for 24 hours	1.983 acre-feet
1,000 gallons per minute	2.23 cfs
1,000 gallons per minute	4.42 acre-feet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

The Hydrographic Report is available on the internet at the department's web page address www.dnr.ne.gov. Copies of the Hydrographic Report can be obtained by contacting the Nebraska Department of Natural Resources, PO Box 94676, Lincoln, Nebraska 68509-4676. Questions or comments can be directed to this address or (402) 471-2363.

Gage records from this and previous years publications are also provided on the Nebraska Department of Natural Resources' computerized Data Bank. This information can be obtained on the internet at the Department of Natural Resources web page address www.dnr.ne.gov or by contacting the Data Bank , Nebraska Department of Natural Resources, PO Box 94676, Lincoln, Nebraska 68509-4676. For email requests, use gayle.follmer@nebraska.gov.



<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

**NEBRASKA DEPARTMENT OF NATURAL RESOURCES
2010 HYDROGRAPHIC DATA**

<u>NUMBER</u>	<u>STATION NAME</u>	<u>PAGE NUMBER</u>
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
00029000	Cook Canal No. 1	9
00062000	Harris-Neece Canal	10
00078000	Labelle Canal	11
00089000	Mettlen Canal	12
00013000	Bennett-Kay Canal	13
00104000	Moore-Kay Canal	14
00063000	Geo. Hitsheiw Canal	15
00086000	McLaughlin Canal	16
00046000	Excelsior Canal	17
00069000	Hughes Canal	18
00123000	Pioneer Canal	19
06454500	Niobrara River above Box Butte Reservoir	20
06455000	Box Butte Reservoir	21
06455500	Niobrara River below Box Butte Reservoir	22
00102000	Montague Canal	23
00081000	Lichte Canal	24
00100000	Mirage Flats Canal	25
00124000	Potmesil Canal	26
06459025	Niobrara River near Nenzel	27
06459175	Snake River at Doughby	28
06459300	Merritt Reservoir	29
00001000	Ainsworth Canal	30
06459500	Snake River near Burge	31
06464900	Keya Paha River near Naper	32
00052000	Ft. Laramie Canal	33
00052200	Ft. Laramie Canal at Mile Post 85.3	34
00071000	Interstate Canal	35
00400300	Lake Alice	36
00405200	Little Lake Alice	37
00406300	Lake Minatare	38
00412000	Winters Creek Lake	39
00101100	Mitchell & Gering Canal	40
00056000	Gering Canal	41
00145100	Tri-State Canal from North Platte River	42
00144700	Tri-State Canal from Sheep Creek	43
00144500	Tri-State Canal from Akers Draw	44
00144600	Tri-State Canal from Dry Spottedtail Creek	45
00144900	Tri-State Canal from Wet Spottedtail Creek	46
00144800	Tri-State Canal from Tub Springs	47
00115100	Northport Canal	48
06677500	Horse Creek near Lyman	49
06678000	Sheep Creek near Morrill	50
00040000	Enterprise Canal from North Platte River	51
06679000	Dry Spottedtail Creek at Mitchell	52

**NEBRASKA DEPARTMENT OF NATURAL RESOURCES
2010 HYDROGRAPHIC DATA**

<u>NUMBER</u>	<u>STATION NAME</u>	<u>PAGE NUMBER</u>
06679500	North Platte River at Mitchell	53
06680000	Tub Springs near Scottsbluff	54
00148000	Winters Creek Canal from North Platte River	55
00149000	Winters Creek Canal from Winters Creek	56
00022000	Central Canal	57
06681000	Winters Creek near Scottsbluff	58
00099000	Minatare Canal	59
06681500	Gering Creek near Gering	60
00021000	Castle Rock-Steamboat Canal	61
06682000	North Platte River near Minatare	62
00106000	Nine Mile Canal from North Platte River	63
00106100	Nine Mile Canal from Nine Mile Creek	64
06682500	Nine Mile Creek near McGrew	65
00133000	Short Line Canal	66
00024000	Chimney Rock Canal	67
00002000	Alliance Canal from Bayard Sugar Factory Drain	68
00003000	Alliance Canal from Red Willow Creek	69
06683000	Bayard Creek near Bayard	70
06684000	Red Willow Creek near Bayard	71
00009000	Belmont Canal from North Platte River	72
00010000	Belmont Canal from Cedar Creek	73
00039000	Empire Canal	74
06684500	North Platte River at Bridgeport	75
00019000	Browns Creek Canal	76
00030000	Courthouse Rock Canal	77
00080000	Last Chance Canal	78
00144200	Trinnier Canal	79
00105500	Nelson Canal	80
00088000	Meredith-Ammer Canal	81
06685000	Pumpkin Creek near Bridgeport	82
00007000	Beerline Canal	83
00082000	Lisco Canal from North Platte River	84
06686000	North Platte River at Lisco	85
00098000	Midland-Overland Canal	86
00120000	Paisley Canal	87
00017100	Blue Creek & Hooper Canal	88
00067000	Hooper Canal	89
00146000	Union Canal	90
06687000	Blue Creek near Lewellen	91
06687500	North Platte River at Lewellen	92
06690000	Kingsley Reservoir	93
00138000	Sutherland Canal from No. Platte R. & Kingsley Res.	94
06764900	South Platte Supply (Korty) Canal	95
00409100	Sutherland Reservoir	96
00405500	Maloney Reservoir	97
00140000	Sutherland Power Return	98
06690500	North Platte River near Keystone	99
00076000	Keith-Lincoln Canal	100
00114000	North Platte Canal	101
00121000	Paxton-Hershey Canal	102
06691000	North Platte River near Sutherland	103
00016000	Birdwood Canal	104

**NEBRASKA DEPARTMENT OF NATURAL RESOURCES
2010 HYDROGRAPHIC DATA**

<u>NUMBER</u>	<u>STATION NAME</u>	<u>PAGE NUMBER</u>
06692000	Birdwood Creek near Hershey	105
00136000	Suburban Canal	106
00027000	Cody-Dillon Canal	107
06692500	Lincoln County Drain No. 1 at North Platte	108
06693000	North Platte River at North Platte	109
06762500	Lodgepole Creek above Oliver Reservoir	110
00407000	Oliver Reservoir	111
06763500	Lodgepole Creek at Ralton	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
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

**NEBRASKA DEPARTMENT OF NATURAL RESOURCES
2010 HYDROGRAPHIC DATA**

<u>NUMBER</u>	<u>STATION NAME</u>	<u>PAGE NUMBER</u>
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
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

**NEBRASKA DEPARTMENT OF NATURAL RESOURCES
2010 HYDROGRAPHIC DATA**

<u>NUMBER</u>	<u>STATION NAME</u>	<u>PAGE NUMBER</u>
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

2010

HYDROGRAPHIC REPORT

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 467 cubic feet per second May 24, gage height 6.87 feet; minimum daily discharge 13 cubic feet per second October 29.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	25	24	25e	24	28	25	27	33	27	21	17
2	20	22	23	25e	24	29	28	27	33	27	21	15
3	20	20	25	26	25	33	27	27	33	27	21	16
4	21	22	24e	27	25	33	26	27	32	29	23	16
5	26	23	24e	27	25	30	26	25	33	33	22	16
6	24	24	24e	26e	24	27	27	25	32	29	21	15
7	22	24	24e	26e	24	27	34	26	33	29	21	17
8	23	24	23e	25e	24	29	33	26	64	29	21	16
9	23	24	22e	25e	25e	29	29	26	41	27	19	15
10	24	24	21e	26e	25e	29	28	28	61	28	18	15
11	25	22	22e	26e	24e	28	28	27	47	27	17	15
12	25	23	23e	27e	24e	28	27	31	44	36	18	16
13	24	22	23e	31	25e	30	27	31	49	32	16	16
14	24	22	23e	30	24e	29	26	27	56	27	16	16
15	23	22	24e	28	24e	28	25	28	51	25	17	16
16	22	22	25e	29	25e	29	25	28	47	25	18	16
17	23	23	25	29	26e	30	25	27	43	26	19	16
18	23	24	27	28	27e	30	26	27	39	25	18	17
19	22	24	27	28	26e	29	25	34	37	24	17	19
20	21	24	27	29	25e	28	27	33	37	25	18	19
21	20	25	27	28	26e	28	26	30	35	26	17	18
22	19	24	26	27	27	29	26	30	34	24	17	17
23	20	23	25	27	27	28	31	29	33	24	16	18
24	20	23	25e	27	27	28	45	148	34	23	16	18
25	16	23	26e	25	27e	28	34	81	33	23	16	18
26	19	23	26e	24	27e	28	30	47	32	22	16	18
27	23	24	25e	26	26e	27	28	40	35	22	14	18
28	22	24	26e	24	26e	27	28	39	32	22	15	17
29	13	23	25e	24	---	27	28	36	31	23	16	18
30	15	23	25e	25	---	25	27	35	29	23	15	18
31	21	---	25e	25	---	25	---	34	---	22	18	---
TOTAL	662	695	761	825	708	883	847	1106	1173	811	558	502
MEAN	21.3	23.2	24.6	26.6	25.3	28.5	28.3	35.6	39.0	26.2	18.1	16.7
MAX	26	25	27	31	27	33	45	148	64	36	23	19
MIN	13	20	21	24	24	25	25	25	29	22	14	15
AC-FT	1313	1379	1509	1636	1404	1751	1680	2194	2327	1609	1107	996
CAL YEAR 2009	TOTAL		8874	MEAN	24.3	MAX	50.0	MIN	13.0	AC-FT	17600	
WTR YEAR 2010	TOTAL		9531	MEAN	26.1	MAX	148.0	MIN	13.0	AC-FT	18900	

e indicates estimated discharge.

WHITE RIVER BASIN

WHITNEY RESERVOIR from White River, 00410000

LOCATION.--NW1/4SE1/4 Sec. 34-33-51 W. near Whitney

GAGE.--Staff gage

PERIOD OF RECORD.--1925 - 1929, 1933 - 1942, 1944 - present

STORAGE LEVEL	GAGE HEIGHT (Feet)	CONTENT (Acre-feet)
Top of conservation pool	17.70	10,700
Top of dead storage pool	5.00	500

STORAGE (ACFT), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	8906	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	5732	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	10840	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	7895	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	10860	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	10520	---	---	---	---	---	---

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.

PERIOD OF RECORD.--1955 - 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 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 8.1 cubic feet per second June 14, gage height 4.30 feet; minimum daily discharge 1.9 cubic feet per second October 1 - 3, August 1 - 3 & 17 - September 17.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.9	2.5e	2.7e	3.0e	2.4	4.5e	3.4e	3.7e	3.3	2.5	1.9	1.9
2	1.9	2.5e	2.7e	3.0e	2.4e	4.6	3.4e	3.8e	3.3	2.5	1.9	1.9
3	1.9	2.5e	2.7e	3.0e	2.4e	4.0e	3.4e	3.8e	3.2	2.5	1.9	1.9
4	1.9	2.5e	2.7e	3.0e	2.4e	4.0e	3.4e	3.8e	3.1	2.6	2.0	1.9
5	2.3	2.5e	2.7e	3.0e	2.4e	3.8e	3.4e	3.8e	3.0	2.9	2.1	1.9
6	2.1	2.5e	2.7e	3.0e	2.5e	3.8e	3.4e	4.0e	2.9	2.7	2.0	1.9
7	2.0	2.5e	2.7e	3.0e	2.5e	3.8e	3.4e	4.0e	3.0	2.7	2.0	1.9
8	2.1	2.5e	2.7e	3.0e	2.5e	3.8e	3.4e	4.0e	3.5	2.6	2.0	1.9
9	2.1	2.7e	2.7e	3.0e	2.5e	3.5e	3.5e	4.0e	3.4	2.6	2.0	1.9
10	2.1	2.7e	2.7e	3.0e	2.5e	3.5e	3.5e	4.0e	4.5	2.5	2.1	1.9
11	2.1	2.7e	2.7e	3.0e	2.5e	3.5e	3.5e	4.0e	4.6	2.5	2.0	1.9
12	2.2	2.7e	2.7e	3.0e	2.5e	3.4e	3.5e	4.3	5.7	2.7	2.0	1.9
13	2.2	2.7e	2.7e	3.0e	2.5e	3.4e	3.5e	4.3	6.7	2.5	2.0	1.9
14	2.3	2.7e	2.7e	3.0e	2.9e	3.4e	3.5e	4.1	7.4	2.3	2.0	1.9
15	2.3	2.7e	2.7e	3.0	2.9e	3.4e	3.5e	4.4	6.7	2.3	2.1	1.9
16	2.2	2.7e	2.7e	3.0	2.9e	3.4e	3.5e	4.4	6.0	2.3	2.1	1.9
17	2.2	2.7e	2.7e	3.0	2.9e	3.4e	3.6e	4.2	5.2	2.3	2.1	1.9
18	2.2	2.7e	2.7e	3.0	2.9e	3.4	3.6e	4.0	4.6	2.2	2.1	2.0
19	2.2e	2.7e	2.6	3.0	3.0e	3.4e	3.6e	4.5	4.3	2.2	2.1	2.0
20	2.3e	2.7e	2.6	3.0	3.0e	3.4e	3.6e	4.6	4.1	2.2	2.1	2.0
21	2.3e	2.7e	2.6	2.9	3.0e	3.4e	3.6e	4.3	3.8	2.2	2.0	2.0
22	2.3e	2.7e	2.6	2.9	3.0e	3.4e	3.6e	4.2	3.6	2.2	2.0	2.0
23	2.3e	2.7e	2.7	2.9	3.0e	3.4e	3.6e	3.9	3.6	2.1	2.0	2.1
24	2.3e	2.7e	3.0	2.8	3.5e	3.4e	3.6e	3.8	3.4	2.1	2.0	2.1
25	2.3e	2.7e	3.1	2.8	3.5e	3.4e	3.7e	3.6	3.2	2.1	2.0	2.1
26	2.3e	2.7e	3.0e	2.7	3.5e	3.4e	3.7e	3.5	3.0	2.1	2.0	2.1
27	2.5e	2.7e	3.0e	2.6	3.5e	3.4e	3.7e	3.4	2.9	2.0	1.9	2.1
28	2.5e	2.7e	3.0e	2.5	4.5e	3.4e	3.7e	3.4	2.8	2.0	1.9	2.1
29	2.5e	2.7e	3.0e	2.5	---	3.4e	3.7e	3.3	2.6	2.0	1.9	2.1
30	2.5e	2.7e	3.0e	2.4	---	3.4e	3.7e	3.2	2.5	2.0	1.9	2.1
31	2.5e	---	3.0e	2.4	---	3.4e	---	3.2	---	2.0	1.9	---
TOTAL	68.8	79.4	85.8	89.4	80	110.8	106.2	121.5	119.9	72.4	62	59.1
MEAN	2.2	2.6	2.7	2.9	2.9	3.6	3.5	3.9	4.0	2.3	2.0	2.0
MAX	2.5	2.7	3.1	3.0	4.5	4.6	3.7	4.6	7.4	2.9	2.1	2.1
MIN	1.9	2.5	2.6	2.4	2.4	3.4	3.4	3.2	2.5	2.0	1.9	1.9
AC-FT	136	157	170	177	159	220	211	241	238	144	123	117
CAL YEAR 2009 TOTAL			1156	MEAN	3.2	MAX	12.0	MIN	1.6	AC-FT	2292	
WTR YEAR 2010 TOTAL			1055	MEAN	2.9	MAX	7.4	MIN	1.9	AC-FT	2093	

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	1.3e	2.4
2	---	---	---	---	---	---	---	0.00	0.00	0.00	1.3e	2.5
3	---	---	---	---	---	---	---	0.00	0.00	0.00	1.2	2.6
4	---	---	---	---	---	---	---	0.00	0.00	0.00	1.7	2.6
5	---	---	---	---	---	---	---	0.00	0.00	0.00	1.7	2.7
6	---	---	---	---	---	---	---	0.00	0.00	0.00	1.8	2.7
7	---	---	---	---	---	---	---	0.00	0.00	0.00	1.6	2.8
8	---	---	---	---	---	---	---	0.00	0.00	0.00	1.6	2.8
9	---	---	---	---	---	---	---	0.00	0.00	0.00	1.7	2.9
10	---	---	---	---	---	---	---	0.00	0.00	0.00	1.8	2.9
11	---	---	---	---	---	---	---	0.00	0.00	0.00	1.6	3.0
12	---	---	---	---	---	---	---	0.00	0.00	0.00	1.5	3.1
13	---	---	---	---	---	---	---	0.00	0.00	0.00	1.5	3.2
14	---	---	---	---	---	---	---	0.00	0.00	1.7	1.5	3.3
15	---	---	---	---	---	---	---	0.00	0.00	3.3	1.5	3.3e
16	---	---	---	---	---	---	---	0.00	0.00	2.4	1.6	3.3e
17	---	---	---	---	---	---	---	0.00	0.00	2.1	1.7	3.8e
18	---	---	---	---	---	---	---	0.00	0.00	2.1	1.8	4.2e
19	---	---	---	---	---	---	---	0.00	0.00	2.1	1.9	4.8e
20	---	---	---	---	---	---	0.00	0.00	0.00	2.1	1.9	5.0e
21	---	---	---	---	---	---	0.00	0.00	0.00	2.0	1.9	5.2
22	---	---	---	---	---	---	0.00	0.00	0.00	1.8	1.9	5.2
23	---	---	---	---	---	---	0.00	0.00	0.00	1.2	1.8	5.7
24	---	---	---	---	---	---	0.00	0.00	0.00	0.93	1.8	7.1
25	---	---	---	---	---	---	0.00	0.00	0.00	0.97	1.9	27
26	---	---	---	---	---	---	0.00	0.00	0.00	1.0	2.0	1.6
27	---	---	---	---	---	---	0.00	0.00	0.00	1.1	2.2	1.6
28	---	---	---	---	---	---	0.00	0.00	0.00	1.2	2.2	1.6
29	---	---	---	---	---	---	0.00	0.00	0.00	1.2e	2.3	0.87
30	---	---	---	---	---	---	0.00	0.00	0.00	1.2e	2.3	10
31	---	---	---	---	---	---	---	0.00	---	1.2e	2.3	---
TOTAL	0	0	0	0	0	0	0	0	0	29.6	54.8	129.77
MEAN	---	---	---	---	---	---	0.000	0.000	0.000	0.96	1.8	4.3
MAX	---	---	---	---	---	---	0.00	0.00	0.00	3.3	2.3	27
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.2	0.87
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59	109	257
CAL YEAR 2009	MAX	18.0	MIN	0.000	AC-FT	310						
WTR YEAR 2010	MAX	27.0	MIN	0.000	AC-FT	425						

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.0	---	---	---	---	---	---	3.3	3.9	1.2	0.00	0.00
2	2.1	---	---	---	---	---	---	6.2	3.7	1.1	0.00	0.00
3	0.00	---	---	---	---	---	---	5.8	3.8	1.00	0.00	0.00
4	0.00	---	---	---	---	---	---	5.6	3.8	1.1	0.00	0.00
5	0.00	---	---	---	---	---	---	3.0	3.8	1.3	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	3.5	1.5	0.00	0.00
7	---	---	---	---	---	---	---	0.00	3.2	1.9	0.00	0.00
8	---	---	---	---	---	---	---	0.00	3.1	1.9	0.00	0.00
9	---	---	---	---	---	---	---	0.00	3.0	1.9	0.00	0.00
10	---	---	---	---	---	---	---	0.00	4.0	1.6	0.00	0.00
11	---	---	---	---	---	---	---	0.00	6.5	1.5	0.00	0.00
12	---	---	---	---	---	---	---	0.00	6.9	1.5	0.00	0.00
13	---	---	---	---	---	---	---	0.00	7.7	1.6	0.00	0.00
14	---	---	---	---	---	---	---	0.00	9.0	1.4	0.00	0.00
15	---	---	---	---	---	---	---	0.00	8.0	0.89	0.00	0.00
16	---	---	---	---	---	---	---	0.00	6.2	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	5.0	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	4.1	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00
20	---	---	---	---	---	---	4.1	0.00	3.3	0.00	0.00	0.00
21	---	---	---	---	---	---	3.3	0.00	2.8	0.00	0.00	0.00
22	---	---	---	---	---	---	4.5	0.00	2.5	0.00	0.00	0.00
23	---	---	---	---	---	---	4.4	0.00	2.2	0.00	0.00	0.00
24	---	---	---	---	---	---	4.7	0.00	2.0	0.00	0.00	0.00
25	---	---	---	---	---	---	6.8	0.00	1.8	0.00	0.00	0.00
26	---	---	---	---	---	---	4.8	1.5	1.6	0.00	0.00	0.00
27	---	---	---	---	---	---	2.6	5.1	1.4	0.00	0.00	0.00
28	---	---	---	---	---	---	2.5	4.8	1.3	0.00	0.00	0.00
29	---	---	---	---	---	---	2.6	4.8	1.5	0.00	0.00	0.00
30	---	---	---	---	---	---	2.4	4.8	1.4	0.00	0.00	1.9
31	---	---	---	---	---	---	---	4.6	---	0.00	0.00	---
TOTAL	4.1	0	0	0	0	0	42.7	49.5	114.7	21.39	0	1.9
MEAN	0.68	---	---	---	---	---	3.9	1.6	3.8	0.69	0.000	0.062
MAX	2.1	---	---	---	---	---	6.8	6.2	9.0	1.9	0.00	1.9
MIN	0.00	---	---	---	---	---	2.4	0.00	1.3	0.00	0.00	0.00
AC-FT	8.1	0.00	0.00	0.00	0.00	0.00	85	98	228	42	0.00	3.8
CAL YEAR 2009	MAX		5.8	MIN	0.000	AC-FT	489					
WTR YEAR 2010	MAX		9.0	MIN	0.000	AC-FT	465					

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	7.8	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	---	7.6	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	---	7.6	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	7.7	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	7.6	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	7.2	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.00	7.0	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	5.7	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	3.3	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	3.1	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	---	---	---	---	---	---	---	8.1	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	12	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	10	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	8.9	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	9.1	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	9.0	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	9.0	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	8.3	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	7.7	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	7.5	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	7.4	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	8.6	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	---	9.2	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	8.4	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	7.9	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	131.1	64.6	0	0	0
MEAN	0.000	---	---	---	---	---	---	4.7	2.1	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	---	12	7.8	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	260	128	0.00	0.00	0.00
CAL YEAR 2009	MAX	3.7	MIN	0.000	AC-FT	80						
WTR YEAR 2010	MAX	12.0	MIN	0.000	AC-FT	388						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.42
2	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.42
3	0.00	---	---	---	---	---	---	---	0.00	0.00	0.00	0.36
4	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.34
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.44
6	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.49
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.51
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.52
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.52
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.57	0.48
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.48	0.40
12	---	---	---	---	---	---	---	0.48	0.00	0.00	0.64	0.35
13	---	---	---	---	---	---	---	0.50	0.00	0.00	0.59	0.37
14	---	---	---	---	---	---	---	0.53	0.00	0.00	0.40	0.25
15	---	---	---	---	---	---	---	0.55	0.07	0.00	0.21	0.00
16	---	---	---	---	---	---	---	0.53	0.03	0.00	0.28	0.00
17	---	---	---	---	---	---	---	1.1	0.00	0.00	0.08	0.00
18	---	---	---	---	---	---	---	1.9	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	3.4	0.00	0.00	0.00	0.12
20	---	---	---	---	---	---	---	1.9	0.00	0.00	0.00	0.10
21	---	---	---	---	---	---	---	1.1	0.00	0.00	0.00	0.23
22	---	---	---	---	---	---	---	0.58	0.00	0.00	0.00	0.26
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.39
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.52
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.66
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.67
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.54
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.44
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.11	0.32
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.26	0.18
31	---	---	---	---	---	---	---	0.00	---	0.00	0.36	---
TOTAL	0	0	0	0	0	0	0	12.57	0.1	0	4	10.3
MEAN	0.000	---	---	---	---	---	---	0.45	0.003	0.000	0.13	0.34
MAX	0.00	---	---	---	---	---	---	3.4	0.07	0.00	0.64	0.67
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	25	0.2	0.00	7.9	20
CAL YEAR 2009	MAX	5.2	MIN	0.000	AC-FT	299						
WTR YEAR 2010	MAX	3.4	MIN	0.000	AC-FT	53						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	2.9	0.00	0.00
2	0.00	---	---	---	---	---	---	---	0.00	2.0	0.00	0.00
3	0.00	---	---	---	---	---	---	---	0.00	2.1	0.27	0.00
4	0.00	---	---	---	---	---	---	---	0.00	2.1	1.9	0.00
5	0.00	---	---	---	---	---	---	---	2.0	2.0	1.9	0.00
6	0.00	---	---	---	---	---	---	---	1.5	1.9	1.8	0.00
7	---	---	---	---	---	---	---	---	2.4	1.8	1.7	0.00
8	---	---	---	---	---	---	---	---	2.6	1.8	1.7	---
9	---	---	---	---	---	---	---	---	2.3	1.7	1.8	---
10	---	---	---	---	---	---	---	---	2.3	2.3	1.7	---
11	---	---	---	---	---	---	---	---	1.8	2.6	1.7	---
12	---	---	---	---	---	---	---	---	1.7	0.94	1.7	---
13	---	---	---	---	---	---	---	---	1.8	0.00	1.7	---
14	---	---	---	---	---	---	---	---	0.41	0.00	1.7	---
15	---	---	---	---	---	---	---	---	0.00	0.00	1.8	---
16	---	---	---	---	---	---	---	---	0.00	0.00	1.8	---
17	---	---	---	---	---	---	---	---	0.00	0.00	0.72	---
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	---	---	0.00	1.3	0.00	0.00	---
30	---	---	---	---	---	---	---	0.00	4.2	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	24.31	24.14	23.89	0
MEAN	0.000	---	---	---	---	---	---	0.000	0.82	0.79	0.78	0.000
MAX	0.00	---	---	---	---	---	---	0.00	4.2	2.9	1.9	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	48	48	47	0.00
CAL YEAR 2009	MAX	6.7	MIN	0.000	AC-FT	165						
WTR YEAR 2010	MAX	4.2	MIN	0.000	AC-FT	143						

NIORARA 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 2010

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO WATER WAS DIVERTED IN 2010.

CAL YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2010	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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	11	0.00	4.9
2	0.00	---	---	---	---	---	---	0.00	0.00	9.6	0.00	5.1
3	0.00	---	---	---	---	---	---	0.00	0.00	8.4	0.00	5.3
4	0.00	---	---	---	---	---	---	0.00	0.00	8.9	0.00	5.5
5	0.00	---	---	---	---	---	---	0.00	0.00	9.4	0.00	5.8
6	0.00	---	---	---	---	---	---	0.00	0.00	9.5	5.6	6.0
7	---	---	---	---	---	---	---	0.00	0.00	9.5	6.3	6.2
8	---	---	---	---	---	---	---	0.00	0.00	9.0	6.2	6.1
9	---	---	---	---	---	---	---	0.00	0.00	8.8	5.8	6.0
10	---	---	---	---	---	---	---	0.00	0.00	8.7	5.5	6.0
11	---	---	---	---	---	---	---	0.00	0.00	8.8	5.3	6.2
12	---	---	---	---	---	---	---	0.00	0.00	10	4.9	6.2
13	---	---	---	---	---	---	---	0.00	0.00	9.9	4.7	6.2
14	---	---	---	---	---	---	---	0.00	0.00	9.7	5.0	6.3
15	---	---	---	---	---	---	---	0.00	0.00	10.0	4.6	6.4
16	---	---	---	---	---	---	---	0.00	0.00	9.9	4.7	6.4
17	---	---	---	---	---	---	---	0.00	0.00	8.4	5.2	6.6
18	---	---	---	---	---	---	---	0.00	0.00	8.9	5.2	6.6
19	---	---	---	---	---	---	0.00	0.00	0.00	9.6	5.2	6.9
20	---	---	---	---	---	---	0.00	6.4	0.00	9.5	5.9	7.3
21	---	---	---	---	---	---	0.00	12	0.00	9.5	6.1	7.3
22	---	---	---	---	---	---	0.00	11	0.00	9.9	5.9	7.4
23	---	---	---	---	---	---	0.00	11	0.00	10	5.6	7.6
24	---	---	---	---	---	---	0.00	12	0.00	10	5.4	7.9
25	---	---	---	---	---	---	0.00	9.2	0.00	8.6	5.7	8.3
26	---	---	---	---	---	---	0.00	0.00	0.00	2.8	5.9	8.4
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.0	7.9
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.2	7.6
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.3	7.6
30	---	---	---	---	---	---	0.00	0.00	12	0.00	4.4	7.6
31	---	---	---	---	---	---	---	0.00	---	0.00	4.5	---
TOTAL	0	0	0	0	0	0	0	61.6	12	238.3	142.1	199.6
MEAN	0.000	---	---	---	---	---	0.000	2.0	0.39	7.7	4.6	6.6
MAX	0.00	---	---	---	---	---	0.00	12	12	11	6.3	8.4
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.9
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122	24	473	282	396
CAL YEAR 2009	TOTAL		615	MEAN	3.8	MAX	16.0	MIN	0.000	AC-FT	1219	
WTR YEAR 2010	TOTAL		654	MEAN	3.8	MAX	12.0	MIN	0.000	AC-FT	1296	

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 2010

	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
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	0.47	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.86	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.61	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.64	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.59	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.38	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.24	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.16	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.08	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	3.1	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.30	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	3.4	4.03	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.11	0.13	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	3.1	0.86	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	6.7	8.0	0.00	0.00	0.00
CAL YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2010	MAX	3.1	MIN	0.000	AC-FT	15						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00e	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
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	0.70e	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.65e	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.65e	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.65	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.48	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	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	5.8	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	2.3	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	1.0	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00e	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00e	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00e	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00e	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00e	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	9.1	3.13	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.29	0.10	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	5.8	0.70	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	18	6.2	0.00	0.00	0.00
CAL YEAR 2009	MAX	9.4	MIN	0.000	AC-FT	371						
WTR YEAR 2010	MAX	5.8	MIN	0.000	AC-FT	24						

e indicates estimated discharge.

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 2010

	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	0.39	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	1.1	0.73	0.00
10	---	---	---	---	---	---	---	0.00	0.00	1.4	1.3	0.00
11	---	---	---	---	---	---	---	0.00	0.00	1.3	0.04	0.00
12	---	---	---	---	---	---	---	0.00	0.00	1.3	0.34	0.00
13	---	---	---	---	---	---	---	0.00	0.00	1.3	1.6	0.00
14	---	---	---	---	---	---	---	0.00	0.00	1.3	1.8	0.00
15	---	---	---	---	---	---	---	0.00	0.00	1.3	1.3	0.00
16	---	---	---	---	---	---	---	0.00	0.00	1.3	1.1	0.00
17	---	---	---	---	---	---	---	0.00	0.00	1.3	1.5	0.00
18	---	---	---	---	---	---	---	0.00	0.00	1.3	1.8	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.7	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.8	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.2	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.20	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	13.29	23.01	0
MEAN	---	---	---	---	---	---	0.000	0.000	0.000	0.44	0.74	0.000
MAX	---	---	---	---	---	---	0.00	0.00	0.00	1.4	1.8	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	26	46	0.00
CAL YEAR 2009	MAX	2.1	MIN	0.000	AC-FT	92						
WTR YEAR 2010	MAX	1.8	MIN	0.000	AC-FT	72						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00e	0.00e	6.1	0.00
2	---	---	---	---	---	---	---	---	0.00e	0.00e	6.2	0.00
3	---	---	---	---	---	---	---	---	0.00e	0.00e	6.1	0.00
4	---	---	---	---	---	---	---	---	0.00e	0.00e	2.4	0.00
5	---	---	---	---	---	---	---	---	0.00e	0.00e	0.13	0.00
6	---	---	---	---	---	---	---	---	0.00e	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	0.00e	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	0.00e	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	0.00e	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	0.00e	0.00	0.00	1.4
11	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.7
12	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.5
13	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.7
14	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	2.9
15	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.0
16	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	2.9
17	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	2.6
18	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.1
19	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.3
20	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.4
21	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.4
22	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	3.7
23	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	4.4
24	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	4.6
25	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	2.4
26	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00e	0.00e	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00e	0.00e	6.0	0.00	0.00
30	---	---	---	---	---	---	---	0.00e	0.00e	9.5	0.00	0.00
31	---	---	---	---	---	---	---	0.00e	---	7.3	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	22.8	20.93	52
MEAN	---	---	---	---	---	---	---	0.000	0.000	0.74	0.68	1.7
MAX	---	---	---	---	---	---	---	0.00	0.00	9.5	6.2	4.6
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	45	42	103
CAL YEAR 2009	MAX	3.3	MIN	0.000	AC-FT	162						
WTR YEAR 2010	MAX	9.5	MIN	0.000	AC-FT	190						

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 2010

	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
10	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	0.09	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	0.12	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	0.50e	0.00	0.00	0.00
14	---	---	---	---	---	---	---	---	0.65e	0.00	0.00	0.00
15	---	---	---	---	---	---	---	---	1.0e	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	1.3e	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	1.1e	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	0.24	0.00	0.00	0.00
19	---	---	---	---	---	---	---	---	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	---	---	---	---	---	---	---	0.02	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.76	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.38	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.23	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.18	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	1.57	5	0	0	0
MEAN	0.000	---	---	---	---	---	---	0.13	0.17	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	---	0.76	1.3	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	3.1	9.9	0.00	0.00	0.00

CAL YEAR 2009 MAX 0.18 MIN 0.000 AC-FT 1.7
WTR YEAR 2010 MAX 1.3 MIN 0.000 AC-FT 13

e indicates estimated discharge.

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	0.00	2.4	0.00
2	0.00	---	---	---	---	---	---	---	0.00	0.00	2.4	0.00
3	0.00	---	---	---	---	---	---	---	0.00	0.00	2.0	0.00
4	0.00	---	---	---	---	---	---	---	0.00	0.00	1.9	0.00
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	1.5	0.00
6	0.00	---	---	---	---	---	---	0.00	1.0	0.00	1.2	0.00
7	0.00	---	---	---	---	---	---	0.00	2.5	0.00	1.5	0.00
8	0.00	---	---	---	---	---	---	0.00	4.1	0.00	1.5	0.00
9	---	---	---	---	---	---	---	0.00	4.3	0.00	0.48	0.00
10	---	---	---	---	---	---	---	0.00	5.2	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	5.5	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	5.6	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	5.6	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	5.7	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	5.8	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	5.8	0.09	0.00	0.00
17	---	---	---	---	---	---	---	0.00	5.8	0.18	0.00	0.00
18	---	---	---	---	---	---	---	0.00	3.4	0.30	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.41	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.53	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	1.4	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	4.2	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	2.6	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	2.3	0.00	0.00
26	---	---	---	---	---	---	---	0.82	0.00	2.1	0.00	0.00
27	---	---	---	---	---	---	---	1.1	0.00	1.9	0.00	0.00
28	---	---	---	---	---	---	---	2.4	0.00	1.7	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	2.1	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	2.5	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	2.4	0.00	---
TOTAL	0	0	0	0	0	0	0	4.32	60.3	27.51	14.88	0
MEAN	0.000	---	---	---	---	---	---	0.16	2.0	0.89	0.48	0.000
MAX	0.00	---	---	---	---	---	---	2.4	5.8	4.2	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	8.6	120	55	30	0.00
CAL YEAR 2009	MAX	6.0	MIN	0.000	AC-FT	199						
WTR YEAR 2010	MAX	5.8	MIN	0.000	AC-FT	212						

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 2010

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2010.

CAL YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2010	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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	---	0.00	0.00	0.00
2	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	---	---	---	---	---	---	---	0.01	0.00	0.00	0.00
10	0.00	---	---	---	---	---	---	---	0.07	0.00	0.00	0.00
11	0.00	---	---	---	---	---	---	---	0.34	0.00	0.00	0.00
12	0.00	---	---	---	---	---	---	---	0.46	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	0.60	0.00	0.00	0.00
14	---	---	---	---	---	---	---	---	0.74	0.00	0.00	0.00
15	---	---	---	---	---	---	---	---	0.92	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	1.0	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	1.0	0.00	0.00	---
18	---	---	---	---	---	---	---	---	0.75	0.00	0.00	---
19	---	---	---	---	---	---	---	---	0.70	0.00	0.00	---
20	---	---	---	---	---	---	---	---	0.54	0.00	0.00	---
21	---	---	---	---	---	---	---	---	0.42	0.00	0.00	---
22	---	---	---	---	---	---	---	---	0.41	0.00	0.00	---
23	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
24	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
25	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
26	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
27	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
28	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
29	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
30	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	7.96	0	0	0
MEAN	0.000	---	---	---	---	---	---	---	0.29	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	---	---	1.0	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	16	0.00	0.00	0.00
CAL YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2010	MAX	1.0	MIN	0.000	AC-FT	16						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	6.8	0.00	1.1	0.88
2	0.00	---	---	---	---	---	---	---	6.4	0.00	4.1	0.79
3	0.00	---	---	---	---	---	---	---	6.1	0.00	4.2	0.79
4	0.00	---	---	---	---	---	---	---	6.0	0.00	4.4	0.80
5	0.00	---	---	---	---	---	---	0.00	5.9	0.00	0.00	0.77
6	0.00	---	---	---	---	---	---	3.9	5.9	0.00	0.00	0.78
7	0.00	---	---	---	---	---	---	7.2	6.0	0.00	0.00	0.79
8	0.00	---	---	---	---	---	---	7.2	5.9	2.0	0.00	0.78
9	---	---	---	---	---	---	---	6.9	5.5	4.1	0.00	0.00
10	---	---	---	---	---	---	---	2.0	6.0	4.1	0.00	0.00
11	---	---	---	---	---	---	---	0.00	3.4	4.2	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.41	4.3	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.35	4.3	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.98	4.4	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.21	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	2.0	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	3.4	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	3.1	0.00
22	---	---	---	---	---	---	---	0.00	0.00	2.2	2.7	0.00
23	---	---	---	---	---	---	---	0.00	0.00	4.2	2.4	0.00
24	---	---	---	---	---	---	---	0.00	0.00	4.3	2.3	0.00
25	---	---	---	---	---	---	---	0.00	0.00	4.5	2.0	0.00
26	---	---	---	---	---	---	---	2.6	2.6	4.4	1.8	0.00
27	---	---	---	---	---	---	---	7.1	6.7	2.5	1.6	0.00
28	---	---	---	---	---	---	---	7.9	6.6	0.52	1.4	0.00
29	---	---	---	---	---	---	---	7.7	6.6	0.00	1.2	0.00
30	---	---	---	---	---	---	---	7.3	3.1	0.00	1.1	0.00
31	---	---	---	---	---	---	---	7.1	---	0.00	1.0	---
TOTAL	0	0	0	0	0	0	0	66.9	91.45	50.02	39.8	6.38
MEAN	0.000	---	---	---	---	---	---	2.5	3.0	1.6	1.3	0.21
MAX	0.00	---	---	---	---	---	---	7.9	6.8	4.5	4.4	0.88
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	133	181	99	79	13
CAL YEAR 2009	MAX	5.6	MIN	0.000	AC-FT	352						
WTR YEAR 2010	MAX	7.9	MIN	0.000	AC-FT	505						

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 good, 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 112 cubic feet per second March 7, gage height 5.09 feet; minimum daily discharge 7.8 cubic feet per second August 2.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	33	21	16e	13	36e	35	42	44	28	11	9.9
2	15	42	21	16e	13	38e	43	39	32	26	7.8	10
3	14	42	22e	15	12	44	44	38	29	23	9.7	10
4	15	41	22e	16	13	45	42	35	27	25	11	10
5	18	38	22e	16	13	56	41	33	26	27	12	10.0
6	19	36	22e	16e	12	72	44	25	21	26	13	9.7
7	18	35	22e	16e	12	104	51	25	21	25	17	10.0
8	19	35	22e	16e	13	93	49	24	22	19	21	9.3
9	20	33	22e	16e	13e	77	46	23	14	19	16	9.8
10	20	30	22e	16e	13e	69	44	28	50	19	16	11
11	21	28	22e	16e	11e	61	43	34	52	19	17	11
12	21	27	21e	17	11	55	42	42	56	19	14	11
13	23	27	21e	17	11	52	41	46	67	17	13	11
14	25	28	20e	19	11e	51	39	43	76	15	12	10
15	25	26	20e	19	11e	50	35	43	66	16	12	9.8
16	24	25	19	18	11e	46	33	45	58	21	12	9.3
17	24	25	19	17	10	43	31	43	54	17	13	8.9
18	24	24	21	17	9.7	46	29	41	53	16	12	9.3
19	23	25	22	17	9.3	48	28	45	52	15	11	9.6
20	23	26	21	16	9.1	49	29	50	49	16	9.3	9.6
21	25	25	22	16	9.1	48	30	49	50	17	10	9.5
22	24	26	23	15	15	47	32	47	46	15	9.6	9.3
23	25	25	22e	15	14	46	48	45	43	13	9.1	10
24	25	25	22e	15e	14e	46	75	45	43	12	9.9	9.8
25	26	21	20e	15e	15e	44	66	47	41	17	9.7	9.0
26	27	24	20e	15e	25e	43	58	42	34	16	9.6	8.9
27	27	26	20e	14e	30e	44	56	35	28	20	9.5	8.8
28	32	28	18e	13e	35e	44	54	76	28	17	8.9	8.6
29	35	27	18e	13e	---	42	51	82	26	16	8.5	9.3
30	34	24	18e	13	---	40	47	67	31	17	8.9	9.6
31	33	---	16e	13	---	37	---	54	---	15	9.7	---
TOTAL	720	877	643	489	388.2	1616	1306	1333	1239	583	363.2	292
MEAN	23.3	29.3	20.7	15.8	13.9	52.1	43.5	43.1	41.3	18.8	11.7	9.7
MAX	35	42	23	19	35	104	75	82	76	28	21	11
MIN	14	21	16	13	9.1	36	28	23	14	12	7.8	8.6
AC-FT	1428	1740	1275	970	770	3205	2590	2644	2458	1156	720	579
CAL YEAR 2009	TOTAL		8924	MEAN	24.4	MAX	129.0	MIN	8.5	AC-FT	17700	
WTR YEAR 2010	TOTAL		9849	MEAN	27.0	MAX	104.0	MIN	7.8	AC-FT	19540	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6472	7794	9204	10240	11100	12420	15380	17720	19520	21400	18370	11570
2	6466	7852	9237	10270	11130	12490	15450	17770	19530	21400	17990	11560
3	6485	7911	9262	10290	11150	12570	15520	17790	19560	21460	17380	11570
4	6530	7962	9295	10320	11210	12690	15590	17790	19570	21500	17070	11580
5	6596	8014	9336	10360	11230	12800	15750	17850	19610	21490	16010	11580
6	6609	8066	9378	10370	11260	12970	15830	17850	19690	21500	15530	11580
7	6641	8111	9420	10390	11290	13150	15900	17870	19730	21500	15510	11570
8	6674	8164	9470	10420	11320	13290	15980	17920	19780	21500	15210	11580
9	6714	8201	9512	10450	11340	13430	16040	18040	20150	21490	14960	11630
10	6747	8254	9538	10470	11380	13530	16100	18120	20200	21500	14790	11630
11	6800	8300	9572	10500	11410	13630	16170	18220	20320	20960	14690	11630
12	6839	8354	9606	10530	11440	13720	16250	18280	20560	21320	14520	11640
13	6879	8415	9639	10540	11480	13810	16300	18340	20690	21310	14350	11660
14	6933	8461	9673	10580	11490	13910	16340	18420	20690	21270	14100	11660
15	6966	8508	9708	10610	11520	13990	16380	18490	20780	21260	13860	11660
16	7007	8555	9742	10640	11550	14070	16430	18540	20870	21240	13890	11660
17	7047	8594	9768	10670	11580	14150	16470	18620	20920	21230	13660	11670
18	7088	8633	9802	10710	11660	14250	16530	18730	20970	20610	13530	11680
19	7128	8680	9837	10740	11710	14340	16580	18810	21040	20490	13210	11690
20	7176	8720	9871	10770	11740	14430	16630	18860	21110	20310	12990	11700
21	7217	8767	9915	10790	11770	14500	16770	18920	21170	19960	12790	11710
22	7258	8815	9949	10830	11800	14600	17000	18950	21270	19450	12330	11720
23	7299	8863	10010	10870	11830	14680	17170	19050	21300	19210	12100	11730
24	7347	8895	10040	10930	11880	14760	17280	19050	21320	18980	11790	11740
25	7396	8951	10080	10890	12030	14840	17350	19090	21380	18450	11550	11750
26	7438	8992	10090	10920	12190	14920	17420	19130	21420	17600	11310	11760
27	7501	9040	10100	10950	12290	14990	17500	19210	21430	17120	11730	11760
28	7572	9081	10120	10980	12360	15070	17580	19310	21430	16940	11550	11780
29	7657	9130	10160	11010	---	15160	17640	19390	21430	18590	11380	11780
30	7686	9171	10190	11040	---	15180	17670	19440	21400	18590	11300	11780
31	7743	---	10210	11070	---	15290	---	19480	---	18580	11560	---
MEAN	7029	8508	9733	10650	11580	13990	16500	18550	20630	20260	13900	11670
MAX	7743	9171	10210	11070	12360	15290	17670	19480	21430	21500	18370	11780
MIN	6466	7794	9204	10240	11100	12420	15380	17720	19520	16940	11300	11560
CAL YEAR 2009	MEAN	8423	MAX	10210	MIN	6466						
WTR YEAR 2010	MEAN	13590	MAX	21500	MIN	6466						

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.

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 167 cubic feet per second July 27, gage height 4.22 feet;
minimum daily discharge 0.73 cubic feet per second on January 10 - 12, September 5, 12, 13, 27,
and 29.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.81	0.84	0.83	0.79	0.79	0.84	0.91	0.97	1.0	1.2	19	0.96
2	0.77	0.81	0.81	0.77	0.79	0.84	1.00	0.96	1.1	1.3	59	0.82
3	0.77	0.81	0.81	0.76	0.79	0.86	0.95	0.97	1.0	1.3	83	0.76
4	0.79	0.82	0.81	0.76	0.81	0.86	0.91	0.99	1.0	1.3	100	0.76
5	0.85	0.81	0.81	0.76	0.82	0.86	0.93	0.95	1.0	1.3	114	0.73
6	0.80	0.81	0.81	0.76	0.82	0.86	1.0	0.98	1.1	1.3	143	0.74
7	0.77	0.81	0.81	0.76	0.83	0.86	1.0	0.97	1.2	1.3	142	0.74
8	0.77	0.80	0.81	0.76	0.82	0.86	0.98	0.97	1.2	1.3	140	0.74
9	0.77	0.78	0.81	0.75	0.82	0.86	0.94	0.99	1.1	1.2	141	0.77
10	0.77	0.78	0.81	0.73	0.81	0.87	0.93	1.2	1.9	1.2	138	0.78
11	0.80	0.78	0.81	0.73	0.79	0.88	0.92	1.2	1.4	47	130	0.74
12	0.80	0.79	0.81	0.73	0.79	0.86	0.90	1.2	1.3	32	125	0.73
13	0.80	0.83	0.80	0.76	0.79	0.86	0.92	1.1	1.6	1.3	119	0.73
14	0.80	0.84	0.78	0.77	0.78	0.86	0.91	1.1	1.5	1.3	119	0.74
15	0.79	0.83	0.77	0.79	0.79	0.86	0.90	1.1	1.4	1.3	118	0.74
16	0.77	0.81	0.77	0.79	0.79	0.86	0.90	1.1	1.3	1.3	115	0.74
17	0.76	0.81	0.78	0.79	0.79	0.86	0.92	1.0	1.2	1.3	108	0.74
18	0.75	0.81	0.78	0.79	0.79	0.86	0.94	1.0	1.2	27	106	0.74
19	0.75	0.81	0.78	0.79	0.79	0.86	0.94	1.2	1.2	80	106	0.76
20	0.75	0.81	0.78	0.79	0.79	0.86	0.93	1.1	1.2	79	109	0.76
21	0.78	0.81	0.79	0.79	0.80	0.86	0.93	1.1	1.2	87	110	0.74
22	0.78	0.81	0.79	0.79	0.80	0.86	1.1	1.1	1.2	98	114	0.74
23	0.76	0.81	0.79	0.79	0.80	0.87	1.3	1.0	1.3	110	121	0.76
24	0.76	0.81	0.80	0.79	0.80	0.89	1.4	1.1	1.2	112	126	0.74
25	0.78	0.84	0.80	0.79	0.83	0.89	1.1	1.1	1.2	121	128	0.74
26	0.78	0.84	0.80	0.79	0.86	0.88	1.0	1.1	1.2	140	128	0.74
27	0.78	0.84	0.79	0.79	0.86	0.89	1.0	1.1	1.3	161	115	0.73
28	0.82	0.84	0.79	0.79	0.86	0.88	1.0	1.1	1.3	165	80	0.74
29	0.81	0.85	0.79	0.79	---	0.88	0.98	1.0	1.3	139	78	0.73
30	0.84	0.84	0.79	0.79	---	0.89	0.98	1.1	1.3	1.6	77	0.74
31	0.90	---	0.79	0.79	---	0.88	---	1.0	---	1.3	58	---
TOTAL	24.43	24.48	24.7	24.02	22.6	26.86	29.52	32.85	37.4	1420.1	3369	22.62
MEAN	0.79	0.82	0.80	0.77	0.81	0.87	0.99	1.1	1.2	45.8	108.6	0.75
MAX	0.90	0.85	0.83	0.79	0.86	0.89	1.4	1.2	1.9	165	143	0.96
MIN	0.75	0.78	0.77	0.73	0.78	0.84	0.90	0.95	1.0	1.2	19	0.73
AC-FT	48	49	49	48	45	53	59	65	74	2817	6682	45
CAL YEAR 2009	TOTAL		4419	MEAN	12.1	MAX	135.0	MIN	0.62	AC-FT	8765	
WTR YEAR 2010	TOTAL		5059	MEAN	13.9	MAX	165.0	MIN	0.73	AC-FT	10030	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

NO WATER WAS DIVERTED IN 2010.												
CAL YEAR 2009	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00
WTR YEAR 2010	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00

NIOBRARA RIVER BASIN

LICHTER 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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
NO WATER WAS DIVERTED IN 2010.												
CAL YEAR 2009	TOTAL		9	MEAN	0.056	MAX	3.1	MIN	0.000	AC-FT	17	
WTR YEAR 2010	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00	

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 from the United States Bureau of Reclamation Great Plains web page.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	44	0.00
2	---	---	---	---	---	---	---	---	---	---	60	0.00
3	---	---	---	---	---	---	---	---	---	---	64	0.00
4	---	---	---	---	---	---	---	---	---	---	87	0.00
5	---	---	---	---	---	---	---	---	---	---	95	0.00
6	---	---	---	---	---	---	---	---	---	0.00	120	0.00
7	---	---	---	---	---	---	---	---	---	0.00	130	0.00
8	---	---	---	---	---	---	---	---	---	0.00	129	0.00
9	---	---	---	---	---	---	---	---	---	0.00	129	0.00
10	---	---	---	---	---	---	---	---	---	0.00	129	0.00
11	---	---	---	---	---	---	---	---	---	0.00	129	0.00
12	---	---	---	---	---	---	---	---	---	0.00	128	0.00
13	---	---	---	---	---	---	---	---	---	0.00	122	0.00
14	---	---	---	---	---	---	---	---	---	0.00	124	0.00
15	---	---	---	---	---	---	---	---	---	0.00	125	0.00
16	---	---	---	---	---	---	---	---	---	0.00	123	0.00
17	---	---	---	---	---	---	---	---	---	0.00	119	0.00
18	---	---	---	---	---	---	---	---	---	0.00	119	0.00
19	---	---	---	---	---	---	---	---	---	54	114	0.00
20	---	---	---	---	---	---	---	---	---	86	119	0.00
21	---	---	---	---	---	---	---	---	---	86	119	0.00
22	---	---	---	---	---	---	---	---	---	92	117	0.00
23	---	---	---	---	---	---	---	---	---	104	131	0.00
24	---	---	---	---	---	---	---	---	---	107	136	0.00
25	---	---	---	---	---	---	---	---	---	109	139	0.00
26	---	---	---	---	---	---	---	---	---	122	138	0.00
27	---	---	---	---	---	---	---	---	---	143	137	0.00
28	---	---	---	---	---	---	---	---	---	133	105	0.00
29	---	---	---	---	---	---	---	---	---	126	99	0.00
30	---	---	---	---	---	---	---	---	---	61	98	0.00
31	---	---	---	---	---	---	---	---	---	0.00	73	---
TOTAL	0	0	0	0	0	0	0	0	0	1223	3501	0
MEAN	---	---	---	---	---	---	---	---	---	47.0	112.9	0.000
MAX	---	---	---	---	---	---	---	---	---	143	139	0.00
MIN	---	---	---	---	---	---	---	---	---	0.00	44	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2426	6944	0.00
CAL YEAR 2009	MAX	141.0	MIN	0.000	AC-FT	2870						
WTR YEAR 2010	MAX	143.0	MIN	0.000	AC-FT	9370						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	2.9	4.7
2	---	---	---	---	---	---	---	---	0.00	0.00	4.9	0.93
3	---	---	---	---	---	---	---	---	0.00	3.1	5.4	0.00
4	---	---	---	---	---	---	---	---	0.00	6.1	5.8	0.00
5	---	---	---	---	---	---	---	---	0.00	5.5	5.7	0.00
6	---	---	---	---	---	---	---	---	0.00	6.1	5.6	0.00
7	---	---	---	---	---	---	---	---	0.00	6.0	5.6	0.00
8	---	---	---	---	---	---	---	---	0.00	5.8	5.6	0.00
9	---	---	---	---	---	---	---	---	0.00	5.8	5.4	0.00
10	---	---	---	---	---	---	---	---	0.00	5.7	5.3	---
11	---	---	---	---	---	---	---	---	0.00	6.0	5.0	---
12	---	---	---	---	---	---	---	---	0.00	5.8	5.1	---
13	---	---	---	---	---	---	---	---	0.00	4.1	5.1	---
14	---	---	---	---	---	---	---	---	0.00	4.1	4.8	---
15	---	---	---	---	---	---	---	---	0.00	4.2	4.7	---
16	---	---	---	---	---	---	---	---	0.00	4.2	4.6	---
17	---	---	---	---	---	---	---	---	0.00	4.7	4.1	---
18	---	---	---	---	---	---	---	---	0.00	4.6	4.0	---
19	---	---	---	---	---	---	---	---	0.00	4.7	3.9	---
20	---	---	---	---	---	---	---	0.00	0.00	4.2	4.1	---
21	---	---	---	---	---	---	---	0.00	0.00	4.4	4.2	---
22	---	---	---	---	---	---	---	0.00	0.00	5.0	4.1	---
23	---	---	---	---	---	---	---	0.00	0.00	5.4	4.4	---
24	---	---	---	---	---	---	---	0.00	0.00	5.7	4.7	---
25	---	---	---	---	---	---	---	0.00	0.00	5.6	4.8	---
26	---	---	---	---	---	---	---	0.00	0.00	5.7	4.8	---
27	---	---	---	---	---	---	---	0.00	0.00	6.0	4.7	---
28	---	---	---	---	---	---	---	0.00	0.00	6.2	2.4	---
29	---	---	---	---	---	---	---	0.00	0.00	5.9	2.3	---
30	---	---	---	---	---	---	---	0.00	0.00	4.5	2.0	---
31	---	---	---	---	---	---	---	0.00	---	4.5	3.8	---
TOTAL	0	0	0	0	0	0	0	0	0	149.6	139.8	5.63
MEAN	---	---	---	---	---	---	---	0.000	0.000	4.8	4.5	0.63
MAX	---	---	---	---	---	---	---	0.00	0.00	6.2	5.8	4.7
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	2.0	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	297	277	11
CAL YEAR 2009	MAX		7.8	MIN	0.000	AC-FT	715					
WTR YEAR 2010	MAX		6.2	MIN	0.000	AC-FT	585					

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 1,300 cubic feet per second June 16, gage height 3.46 feet; maximum gage height 3.77 feet January 12 due to backwater from ice conditions; minimum daily discharge 251 cubic feet per second August 29.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	339	383	369	354e	380e	650	449	428	350	308	300	291
2	328	421	367	343e	358e	547	455	399	335	293	334	284
3	319	445	373e	362e	388	542	449	392	329	296	312	277
4	328	422	363e	365e	404	526	454	390	326	345	343	273
5	379	406	361	375e	402	571	444	381	336	349	317	286
6	363	397	391	369e	397	597	472	383	327	333	310	280
7	351	391	370e	353e	357e	599	492	392	335	398	302	280
8	353	395	357e	318e	291e	560	483	387	339	358	294	276
9	349	396	321e	329e	322e	624	460	388	334	341	292	279
10	341	395	331e	363e	314e	784	446	411	409	330	329	322
11	345	394	349e	372e	330e	759	430	433	546	321	337	317
12	350	398	378e	389e	366e	582	423	468	683	318	305	302
13	356	403	368e	396e	357e	535	428	476	916	318	289	306
14	354	401	356e	380e	325e	535	453	460	878	327	281	299
15	354	396	348e	383e	286e	554	425	464	799	315	285	303
16	356	389	361e	395e	302e	545	414	447	1100	346	286	295
17	354	381	373e	411	353e	547	404	432	809	305	284	297
18	354	377	382e	410	393	571	402	425	639	292	290	304
19	356	378	385	416	387	574	397	429	491	292	282	307
20	357	384	381	441	383	544	411	423	441	324	285	310
21	362	378	389	432	403	527	409	407	437	324	278	313
22	360	372	382	428	366	513	415	393	423	327	268	315
23	357	376	396	393e	370	516	471	383	479	357	265	329
24	362	374	261e	389e	370	491	523	380	453	355	262	347
25	367	371	280e	344e	408	473	493	373	409	306	266	332
26	371	368	304e	335e	438	471	508	363	393	291	260	327
27	369	372	340e	355e	490	463	469	357	375	285	255	320
28	388	373	335e	343e	606	465	453	356	370	275	256	307
29	424	374	360e	368e	---	458	451	347	345	332	251	310
30	403	371	385e	367e	---	454	443	354	317	348	260	312
31	383	---	371e	383e	---	453	---	345	---	318	290	---
TOTAL	11132	11681	11087	11661	10546	17030	13426	12466	14723	10027	8968	9100
MEAN	359.1	389.4	357.7	376.1	376.6	549.4	447.5	402.1	490.6	323.4	289.3	303.3
MAX	424	445	396	441	606	784	523	476	1100	398	343	347
MIN	319	368	261	318	286	453	397	345	317	275	251	273
AC-FT	22080	23170	21990	23130	20920	33780	26630	24730	29200	19890	17790	18050
CAL YEAR 2009	TOTAL		136903	MEAN	375.1	MAX	686.0	MIN	261.0	AC-FT	271500	
WTR YEAR 2010	TOTAL		141847	MEAN	388.6	MAX	1100	MIN	251.0	AC-FT	281300	

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 3,093.92 ft. above National Geodetic Vertical
Datum of 1929. The Datum was lowered two feet from 3,095.92 ft. to current 3,093.92 ft.
April 5, 2010; 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 above sea level NGVD 1929.

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 (datum then in use); 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 433 cubic feet per second July 30, gage height 3.47 feet;
minimum daily discharge 138 cubic feet per second estimated August 8.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	167	183	181	144e	156	188	194	175	181	145	173	168
2	164	189	177	149e	140	184	195	168	173	145	181	160
3	163	199	173	145e	135	194	190	173	167	149	209	158
4	166	192	168	154e	158	213	186	173	163	157	195	160
5	177	180	171	140	166	231	184	168	166	154	176	163
6	174	175	174	152	152	203	173	171	163	150	177	159
7	169	169	168	149e	153	194	180	166	170	170	168	153
8	169	167	166	142e	140	205	188	170	172	166	164	156
9	166	162	168	157e	134	229	187	177	168	161	165	157
10	162	163	152e	150e	145	232	181	185	224	157	184	171
11	161	164	159e	157e	157	195	176	186	274	155	182	168
12	166	169	168e	155e	160	180	172	191	295	163	167	161
13	167	169	164e	162e	158	194	172	193	281	159	164	161
14	166	171	162e	162	136	213	178	192	298	155	162	161
15	173	171	154e	153	141	217	176	202	292	154	159	162
16	174	170	160e	162	152	223	173	194	281	159	161	161
17	168	169	172e	153	161	234	165	186	248	154	164	159
18	167	173	174	158	159	228	162	185	198	151	164	159
19	168	172	170	147	158	207	164	184	172	151	163	157
20	168	172	169	165	158	177	170	181	164	165	163	161
21	169	174	171	164	161	198	170	179	163	163	163	162
22	165	177	169	165	162	198	174	183	161	166	157	162
23	163	176	168	171	164	206	189	178	168	193	153	169
24	168	171	148	159	164	196	207	175	163	163	155	171
25	169	174	148e	150	172	199	218	176	156	157	157	169
26	166	174	155e	153	175	195	203	171	157	154	155	165
27	163	178	152e	162	179	190	193	170	157	155	154	164
28	177	180	159e	156	186	188	189	168	154	154	154	161
29	182	180	153e	156	---	197	182	171	153	173	155	160
30	177	177	151e	156	---	197	177	183	147	313	160	156
31	177	---	156e	154	---	196	---	174	---	202	174	---
TOTAL	5231	5240	5080	4802	4382	6301	5468	5548	5829	5113	5178	4854
MEAN	168.8	174.6	163.9	154.9	156.5	203.3	182.3	178.9	194.3	164.9	167.0	161.8
MAX	182	199	181	171	186	234	218	202	298	313	209	171
MIN	161	162	148	140	134	177	162	166	147	145	153	153
AC-FT	10380	10390	10080	9525	8692	12500	10850	11000	11560	10140	10270	9628
CAL YEAR 2009	TOTAL		61595	MEAN	168.8	MAX	281.0	MIN	123.0	AC-FT	122200	
WTR YEAR 2010	TOTAL		63026	MEAN	172.7	MAX	313.0	MIN	134.0	AC-FT	125000	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	52500	61370	61100	61100	61100	61100	61640	66730	67020	66440	54320	39470
2	52950	61370	61100	61100	61100	61100	61640	66730	67310	66150	53860	39650
3	53400	61370	61100	61100	61100	61370	61910	66730	67310	65860	53400	39820
4	53860	61370	61100	61100	61100	61100	61910	66760	67020	65860	52950	39820
5	54320	61370	61100	61370	61100	61370	61910	66730	67020	65570	52500	40000
6	54790	61370	61100	61370	61100	61640	62190	66440	66730	65570	51840	40000
7	55260	61370	61100	61370	61100	61640	62190	66730	67020	65860	51410	39820
8	55740	61100	61100	61100	61100	61640	62460	66730	67020	66150	50760	39650
9	56230	61100	61100	61100	61100	61910	62460	66730	67020	66150	50130	39470
10	56720	61100	60830	61100	61100	62190	62740	66440	67310	65860	49700	39470
11	57210	61100	61100	61100	61100	62460	63020	66440	67310	65860	49490	39650
12	57710	61100	61100	61100	61100	62460	63020	66440	67310	65570	49700	39820
13	58220	60830	61370	61100	61100	62460	63300	66730	67600	65000	49490	40180
14	58480	60830	61370	61370	61100	62460	63300	67020	67900	64430	49080	40360
15	58730	61100	61100	61370	61100	62190	63580	67020	67900	63580	48250	40720
16	58990	61100	61100	61370	61100	62190	63580	67020	67900	62740	47630	41080
17	59510	61100	61100	61370	61100	62190	63580	67020	67900	61910	47230	41630
18	60030	61100	61100	61370	61100	62190	63860	67020	67310	61100	46620	42000
19	60300	61100	61100	61370	61370	62190	63860	67020	67310	60300	46020	42550
20	60560	61100	61370	61370	61370	62190	64140	67020	67020	59510	45630	42930
21	60830	61100	61370	61370	61370	62190	64430	67020	67020	58730	45040	43500
22	60830	61100	61370	61640	61370	62190	65000	67020	66730	58220	44460	43880
23	60830	61100	61370	61640	61370	61910	65280	67020	66730	58480	43880	44460
24	60830	61100	61370	61370	61370	61910	66440	67020	66730	58220	43310	44840
25	60830	61100	61100	61370	61100	61910	67020	67020	66730	58220	42550	45430
26	60830	60830	60830	61100	61100	61640	67020	67020	66730	57710	42000	45830
27	61100	60830	60830	61100	61100	61640	67020	67020	66730	57210	41260	46420
28	61100	61100	60830	61100	61100	61640	67020	66730	66730	56470	40720	46820
29	61100	61100	60830	61100	---	61640	67020	66730	66730	55500	40360	47230
30	61100	61100	60830	61100	---	61640	67020	67020	66440	55260	39660	47630
31	61370	---	61100	61100	---	61640	---	67020	---	54790	39290	---
MEAN	58270	61130	61110	61250	61160	61870	63990	66840	67120	61880	47180	42140
MAX	61370	61370	61370	61640	61370	62460	67020	67020	67900	66440	54320	47630
MIN	52500	60830	60830	61100	61100	61100	61640	66440	66440	54790	39290	39470
CAL YEAR 2009	MEAN	60160		MAX	61370	MIN	52500					
WTR YEAR 2010	MEAN	59490		MAX	67900	MIN	39290					

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 2010												
	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	61	208	549	140
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	229	575	142
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	240	569	184
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	239	575	224
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	209	565	230
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	200	554	286
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	154	524	358
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	165	562	364
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	60	217	615	336
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126	60	246	425	255
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	55	290	229	147
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77	51	378	294	140
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	51	450	441	130
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	51	508	561	114
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64	51	545	579	80
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	51	562	600	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	51	561	583	0.55
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81	51	562	546	0.72
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	51	560	545	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	51	554	536	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	60	538	539	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81	66	349	549	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91	67	261	562	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81	66	291	586	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	66	346	597	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	66	485	598	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	83	594	530	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	123	619	490	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	71	160	619	511	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	64	179	605	544	0.00
31	0.00	---	0.00	0.00	---	0.00	---	60	---	536	289	---
TOTAL	0	0	0	0	0	0	0	1733	2058	12320	16222	3131.27
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	55.9	68.4	397.4	523.3	104.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126	179	619	615	364
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51	154	229	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3437	4082	24440	32180	6211
CAL YEAR 2009	MAX		624.0	MIN	0.000	AC-FT	61340					
WTR YEAR 2010	MAX		619.0	MIN	0.000	AC-FT	70340					

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 685 cubic feet per second June 13, gage height 2.83 feet; minimum daily discharge 12 cubic feet per second October 13.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	297	253	257	282	301	264	375	252	69	15	15
2	13	294	260	257	282	301	263	360	305	70	16	16
3	13	292	264	257	282	302	259	293	292	66	15	16
4	13	291	264	257	280	302	255	260	274	63	16	16
5	14	300	258	257	275	308	251	255	264	64	16	16
6	14	305	254	268	254	322	249	253	212	65	16	16
7	13	304	255	276	253	328	251	254	221	66	16	16
8	13	304	255	272	253	330	251	252	233	65	15	15
9	13	295	256	261	252	330	251	258	249	66	16	15
10	13	289	223	260	251	338	251	194	275	68	17	16
11	13	289	200	259	250	343	251	164	313	66	17	15
12	13	289	200	258	249	342	251	122	350	64	17	15
13	12	266	230	257	249	341	250	128	425	63	18	15
14	26	255	260	277	248	341	234	174	561	63	19	15
15	66	255	268	291	247	340	230	202	504	63	19	15
16	90	255	273	290	246	340	237	202	483	63	19	15
17	104	264	272	290	245	339	239	204	455	62	19	15
18	104	270	271	290	245	338	242	204	392	61	19	15
19	123	269	271	289	245	337	212	203	357	61	18	15
20	183	266	272	292	257	337	125	205	312	62	18	15
21	246	263	272	294	299	338	110	206	281	32	17	15
22	247	263	282	312	301	338	111	213	209	13	17	15
23	248	263	289	322	302	338	115	200	157	13	17	14
24	249	262	290	322	301	336	174	211	160	13	17	14
25	250	262	284	323	301	332	296	205	157	13	16	14
26	250	256	266	295	300	312	364	201	153	14	16	14
27	249	252	258	281	299	301	386	206	137	14	16	14
28	252	253	258	281	301	299	397	206	93	14	16	14
29	269	252	257	280	---	297	378	198	63	14	16	14
30	292	252	257	281	---	277	378	210	71	15	16	14
31	299	---	257	281	---	265	---	213	---	15	16	---
TOTAL	3717	8227	8029	8687	7549	9993	7525	6831	8210	1460	521	449
MEAN	119.8	274.3	259.0	280.3	269.5	322.3	250.9	220.3	273.6	47.2	16.7	14.9
MAX	299	305	290	323	302	343	397	375	561	70	19	16
MIN	12	252	200	257	245	265	110	122	63	13	15	14
AC-FT	7373	16320	15930	17230	14970	19820	14930	13550	16280	2896	1033	891
CAL YEAR 2009	TOTAL		69036	MEAN	189.1	MAX	390.0	MIN	12.0	AC-FT	136900	
WTR YEAR 2010	TOTAL		71198	MEAN	195.1	MAX	561.0	MIN	12.0	AC-FT	141200	

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 3,440 cubic feet per second June 11, gage height 9.22 feet; maximum gage height 12.05 feet March 10 due to backwater from ice conditions; minimum daily discharge 30 cubic feet per second estimated December 4.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	78	226	132	94e	136e	262e	374	258	677	185	104	116
2	83	219	129	74e	136e	300e	506	237	1370	169	161	100
3	84	203	60e	84e	120e	428e	433	275	1020	160	298	94
4	84	189	30e	110e	140e	450e	389	269	660	206	351	87
5	124	175	38e	120e	166e	516e	377	254	451	220	246	84
6	169	163	56e	120e	148e	570e	353	246	371	198	181	86
7	155	156	58e	112e	138e	652e	336	233	341	189	133	87
8	140	151	40e	92e	120e	784e	300	212	398	187	140	88
9	122	151	36e	122e	134e	868e	279	194	330	187	117	87
10	109	146	34e	142e	144e	990e	256	185	781	178	229	93
11	105	141	70e	116e	118e	1140e	247	198	2390	169	166	93
12	106	138	92e	128e	136e	1260e	244	218	2590	185	130	88
13	114	140	70e	132e	122e	1240	232	231	2830	168	113	86
14	116	139	50e	106e	126e	1090	254	226	2840	170	97	88
15	118	139	62e	140e	108e	1040	264	230	2780	170	84	86
16	119	128	56e	150e	106e	976	276	226	2040	143	80	85
17	117	122	76e	132e	114e	869	245	221	1520	129	87	83
18	113	121	76e	152e	112e	893	227	202	1070	120	88	83
19	111	123	98e	140e	132e	982	212	182	626	172	88	82
20	109	123	74e	138e	120e	850	197	167	411	197	88	86
21	118	136	70e	136e	134e	723	193	168	327	159	84	98
22	132	134	80e	154e	146e	675	188	159	306	1060	77	101
23	134	132	94e	156e	152e	670	222	166	454	549	69	143
24	133	122	114e	134e	144e	627	325	194	365	332	70	171
25	137	116	96e	158e	154e	551	441	276	302	251	71	139
26	139	110	108e	132e	202e	483	419	246	275	205	71	119
27	133	114	114e	124e	188e	454	393	210	252	162	67	111
28	133	120	140e	134e	244e	390	337	170	228	133	63	107
29	141	128	130e	156e	---	348	311	146	212	113	60	102
30	211	134	110e	126e	---	335	282	422	201	111	60	98
31	236	---	124e	130e	---	318	---	894	---	112	152	---
TOTAL	3923	4339	2517	3944	3940	21734	9112	7515	28418	6689	3825	2971
MEAN	126.6	144.6	81.2	127.2	140.7	701.0	303.7	242.5	947.4	215.8	123.4	99.0
MAX	236	226	140	158	244	1260	506	894	2840	1060	351	171
MIN	78	110	30	74	106	262	188	146	201	111	60	82
AC-FT	7781	8606	4992	7823	7815	43110	18070	14910	56370	13270	7587	5893
CAL YEAR 2009	TOTAL		64072	MEAN	175.5	MAX	871.0	MIN	30.0	AC-FT	127100	
WTR YEAR 2010	TOTAL		98927	MEAN	271.0	MAX	2840	MIN	30.0	AC-FT	196200	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	726	1190	1500	1460
2	0.00	---	---	---	---	---	0.00	0.00	728	1380	1500	1410
3	0.00	---	---	---	---	---	0.00	395	731	1430	1500	1340
4	0.00	---	---	---	---	---	0.00	714	743	1410	1500	1340
5	0.00	---	---	---	---	---	0.00	731	743	1330	1500	1350
6	0.00	---	---	---	---	---	0.00	764	755	1330	1500	1300
7	0.00	---	---	---	---	---	0.00	794	757	1330	1500	1280
8	0.00	---	---	---	---	---	0.00	789	743	1330	1500	1200
9	0.00	---	---	---	---	---	0.00	794	728	1340	1500	1130
10	0.00	---	---	---	---	---	0.00	755	698	1350	1500	1120
11	0.00	---	---	---	---	---	0.00	736	702	1390	1500	1120
12	0.00	---	---	---	---	---	0.00	733	702	1400	1500	1130
13	0.00	---	---	---	---	---	0.00	733	700	1400	1500	1110
14	0.00	---	---	---	---	---	0.00	738	702	1420	1500	910
15	0.00	---	---	---	---	---	0.00	736	702	1460	1500	871
16	0.00	---	---	---	---	---	0.00	736	702	1470	1510	856
17	0.00	---	---	---	---	---	0.00	740	700	1490	1510	859
18	0.00	---	---	---	---	---	0.00	764	702	1500	1510	882
19	0.00	---	---	---	---	---	0.00	719	700	1500	1510	784
20	0.00	---	---	---	---	---	0.00	698	700	1500	1510	354
21	0.00	---	---	---	---	---	0.00	698	691	1500	1510	0.00
22	0.00	---	---	---	---	---	0.00	698	656	1500	1510	0.00
23	0.00	---	---	---	---	---	0.00	700	652	1500	1510	0.00
24	0.00	---	---	---	---	---	0.00	700	654	1500	1490	0.00
25	0.00	---	---	---	---	---	0.00	698	707	1500	1500	0.00
26	0.00	---	---	---	---	---	0.00	700	774	1500	1490	0.00
27	0.00	---	---	---	---	---	0.00	721	826	1500	1500	0.00
28	0.00	---	---	---	---	---	0.00	726	874	1500	1500	0.00
29	0.00	---	---	---	---	---	0.00	726	923	1500	1510	0.00
30	0.00	---	---	---	---	---	0.00	724	1070	1500	1500	0.00
31	0.00	---	---	---	---	---	---	726	---	1500	1470	---
TOTAL	0	0	0	0	0	0	0	20886	22191	44450	46540	21806
MEAN	0.000	---	---	---	---	---	0.000	673.7	739.5	1433	1501	726.6
MAX	0.00	---	---	---	---	---	0.00	794	1070	1500	1510	1460
MIN	0.00	---	---	---	---	---	0.00	0.00	652	1190	1470	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41430	44020	88170	92310	43250
CAL YEAR 2009	MAX	1500	MIN	0.000	AC-FT	280600						
WTR YEAR 2010	MAX	1510	MIN	0.000	AC-FT	309200						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	364	500	592	599
2	0.00	---	---	---	---	---	0.00	0.00	366	564	599	583
3	0.00	---	---	---	---	---	0.00	0.00	366	621	596	583
4	0.00	---	---	---	---	---	0.00	0.00	361	612	599	577
5	0.00	---	---	---	---	---	0.00	0.00	359	574	601	544
6	0.00	---	---	---	---	---	0.00	153	359	610	596	523
7	0.00	---	---	---	---	---	0.00	366	363	612	601	519
8	0.00	---	---	---	---	---	0.00	364	366	599	608	514
9	0.00	---	---	---	---	---	0.00	392	361	601	610	492
10	0.00	---	---	---	---	---	0.00	387	374	605	610	455
11	0.00	---	---	---	---	---	0.00	321	372	610	608	414
12	0.00	---	---	---	---	---	0.00	343	359	610	601	423
13	0.00	---	---	---	---	---	0.00	348	359	599	603	423
14	0.00	---	---	---	---	---	0.00	343	355	599	605	435
15	0.00	---	---	---	---	---	0.00	339	355	596	610	391
16	0.00	---	---	---	---	---	0.00	355	343	603	617	189
17	0.00	---	---	---	---	---	0.00	328	337	603	590	108
18	0.00	---	---	---	---	---	0.00	326	350	617	561	87
19	0.00	---	---	---	---	---	0.00	459	357	608	599	88
20	0.00	---	---	---	---	---	0.00	431	353	601	601	103
21	0.00	---	---	---	---	---	0.00	352	353	605	608	109
22	0.00	---	---	---	---	---	0.00	339	344	601	608	22
23	0.00	---	---	---	---	---	0.00	343	316	592	614	0.00
24	0.00	---	---	---	---	---	0.00	363	305	599	605	0.00
25	0.00	---	---	---	---	---	0.00	359	297	596	608	0.00
26	0.00	---	---	---	---	---	0.00	364	305	599	612	0.00
27	0.00	---	---	---	---	---	0.00	368	339	599	605	0.00
28	0.00	---	---	---	---	---	0.00	368	377	596	596	0.00
29	0.00	---	---	---	---	---	0.00	366	441	592	605	0.00
30	0.00	---	---	---	---	---	0.00	366	461	592	605	0.00
31	0.00	---	---	---	---	---	---	366	---	590	603	---
TOTAL	0	0	0	0	0	0	0	9209	10717	18505	18676	8181
MEAN	0.000	---	---	---	---	---	0.000	297.1	357.2	596.9	602.5	272.7
MAX	0.00	---	---	---	---	---	0.00	459	461	621	617	599
MIN	0.00	---	---	---	---	---	0.00	0.00	297	500	561	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18270	21260	36700	37040	16230
CAL YEAR 2009	MAX	612.0	MIN	0.000	AC-FT	118000						
WTR YEAR 2010	MAX	621.0	MIN	0.000	AC-FT	129500						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	938	0.00	1500	1840	1840
2	0.00	---	---	---	---	---	0.00	930	0.00	1530	1840	1840
3	0.00	---	---	---	---	---	0.00	909	0.00	1630	1870	1840
4	0.00	---	---	---	---	---	0.00	916	0.00	1710	1860	1840
5	0.00	---	---	---	---	---	0.00	918	0.00	1670	1860	1840
6	0.00	---	---	---	---	---	0.00	923	0.00	1660	1850	1820
7	0.00	---	---	---	---	---	0.00	933	0.00	1660	1850	1750
8	0.00	---	---	---	---	---	0.00	979	0.00	1660	1840	1740
9	0.00	---	---	---	---	---	0.00	1110	0.00	1650	1840	1740
10	0.00	---	---	---	---	---	0.00	1160	0.00	1670	1840	1740
11	0.00	---	---	---	---	---	0.00	1160	0.00	1710	1850	1700
12	0.00	---	---	---	---	---	0.00	1090	0.00	1730	1870	1640
13	0.00	---	---	---	---	---	0.00	1060	0.00	1760	1870	1600
14	0.00	---	---	---	---	---	0.00	1050	0.00	1780	1880	1580
15	0.00	---	---	---	---	---	0.00	1050	0.00	1810	1880	1500
16	0.00	---	---	---	---	---	618	1050	0.00	1810	1890	1430
17	0.00	---	---	---	---	---	877	1050	0.00	1820	1880	1420
18	0.00	---	---	---	---	---	897	1050	0.00	1860	1890	1430
19	0.00	---	---	---	---	---	909	1040	0.00	1850	1890	1170
20	0.00	---	---	---	---	---	916	1040	0.00	1850	1870	498
21	0.00	---	---	---	---	---	913	1050	0.00	1850	1840	0.00
22	0.00	---	---	---	---	---	911	1040	0.00	1840	1840	0.00
23	0.00	---	---	---	---	---	935	723	0.00	1830	1840	0.00
24	0.00	---	---	---	---	---	928	49	0.00	1830	1840	0.00
25	0.00	---	---	---	---	---	921	0.00	0.00	1820	1840	0.00
26	0.00	---	---	---	---	---	909	0.00	761	1820	1840	0.00
27	0.00	---	---	---	---	---	918	0.00	923	1820	1840	0.00
28	0.00	---	---	---	---	---	918	0.00	1040	1860	1840	0.00
29	0.00	---	---	---	---	---	918	0.00	1180	1850	1840	0.00
30	0.00	---	---	---	---	---	938	0.00	1380	1840	1840	0.00
31	0.00	---	---	---	---	---	---	0.00	---	1840	1840	---
TOTAL	0	0	0	0	0	0	13426	23218	5284	54520	57500	31958
MEAN	0.000	---	---	---	---	---	447.5	749.0	175.7	1758	1854	1065
MAX	0.00	---	---	---	---	---	938	1160	1380	1860	1890	1840
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	1500	1840	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	26630	46050	10480	108100	114000	63390
CAL YEAR 2009	MAX	1710	MIN	0.000	AC-FT	323900						
WTR YEAR 2010	MAX	1890	MIN	0.000	AC-FT	368700						

NORTH PLATTE RIVER BASIN

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	932	750	658	658	658	658	658	4145	5748	5805	2987	1576
2	896	753	658	658	658	658	658	4445	5685	6173	2829	1580
3	883	691	658	658	658	658	658	4704	5622	6408	2724	1685
4	886	756	658	658	658	658	658	4811	5571	6598	2635	1940
5	921	753	658	658	658	658	658	4889	5502	6810	2572	2101
6	852	760	658	658	658	658	658	4775	5446	6977	2504	2480
7	838	688	658	658	658	658	658	4793	5452	7124	2461	2384
8	842	682	658	658	658	658	658	4841	5396	7184	2384	2370
9	869	661	658	658	658	658	658	4973	5378	7191	2290	2441
10	852	661	658	658	658	658	658	5143	5353	7137	2193	2485
11	876	661	658	658	658	658	658	5322	5285	7043	2078	2494
12	872	670	658	658	658	658	658	5465	5248	6937	1975	2645
13	872	673	658	658	658	658	658	5446	5223	6804	1878	2680
14	917	673	658	658	658	658	661	5353	5168	6691	1817	2675
15	785	673	658	658	658	658	661	5396	5125	6486	1774	2645
16	832	658	658	658	658	658	661	5465	5064	6244	1749	2562
17	792	658	658	658	658	658	661	5521	4997	5959	1736	2437
18	825	658	658	658	658	658	661	5609	4943	5666	1731	2394
19	799	658	658	658	658	658	1891	5685	4889	5396	1757	2446
20	812	658	658	658	658	658	2616	5799	4853	5131	1779	2417
21	818	658	658	658	658	658	3154	5920	4811	4901	1809	2262
22	903	658	658	658	658	658	1706	6030	4763	4698	1813	2160
23	808	658	658	658	658	658	2065	6140	4704	4503	1804	1980
24	812	658	658	658	658	658	2375	6218	4656	4340	1770	1998
25	744	658	658	658	658	658	2665	6062	4609	4168	1727	1998
26	886	658	658	658	658	658	2916	6049	4568	4003	1685	2002
27	769	658	658	658	658	658	3175	6062	4509	3802	1672	1975
28	808	658	658	658	658	658	3430	6004	4644	3592	1660	1887
29	832	658	658	658	---	658	3664	5940	5168	3435	1639	1870
30	772	658	658	658	---	658	3919	5869	5490	3280	1626	1852
31	789	---	658	658	---	658	---	5812	---	3133	1597	---
MEAN	842	679	658	658	658	658	1515	5441	5129	5601	2021	2214
MAX	932	760	658	658	658	658	3919	6218	5748	7191	2987	2680
MIN	744	658	658	658	658	658	658	4145	4509	3133	1597	1576
CAL YEAR 2009	MEAN	2280	MAX	7719	MIN	392						
WTR YEAR 2010	MEAN	2183	MAX	7191	MIN	658						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	157	173	158	134	134	134	134	355	336	349	337	339
2	157	175	156	134	134	134	134	361	334	344	335	339
3	158	178	149	134	134	134	134	362	333	346	336	343
4	158	181	155	134	134	134	134	358	333	347	343	345
5	159	183	157	134	134	134	134	358	330	347	345	346
6	158	185	158	134	134	134	134	361	330	352	345	350
7	158	186	158	134	134	134	134	341	344	353	342	367
8	156	186	155	134	134	134	134	337	344	366	341	352
9	157	187	130	134	134	134	134	339	347	358	341	351
10	157	187	134	134	134	134	134	342	352	357	341	350
11	158	187	134	134	134	134	134	345	352	359	339	352
12	157	182	134	134	134	134	134	347	349	353	338	352
13	156	177	134	134	134	134	131	345	352	352	337	357
14	156	171	134	134	134	134	131	315	351	339	337	364
15	155	171	134	134	134	134	131	297	349	337	337	343
16	153	173	134	134	134	134	131	290	347	339	338	339
17	153	175	134	134	134	134	131	297	343	339	343	336
18	153	176	134	134	134	134	131	315	342	337	344	333
19	153	178	134	134	134	134	199	316	341	338	345	335
20	153	175	134	134	134	134	276	310	341	339	347	335
21	152	170	134	134	134	134	292	328	339	339	345	329
22	152	168	134	134	134	134	317	336	339	337	345	329
23	151	164	134	134	134	134	335	341	337	337	345	160
24	154	163	134	134	134	134	341	346	335	336	345	129
25	153	161	134	134	134	134	352	384	334	335	344	129
26	152	160	134	134	134	134	353	386	333	338	343	129
27	154	160	134	134	134	134	352	360	330	336	342	129
28	158	159	134	134	134	134	355	349	328	339	342	129
29	164	158	134	134	---	134	357	342	376	339	341	129
30	166	158	134	134	---	134	358	339	369	336	342	129
31	169	---	134	134	---	134	---	336	---	335	341	---
MEAN	156	174	139	134	134	134	209	340	342	344	341	288
MAX	169	187	158	134	134	134	358	386	376	366	347	367
MIN	151	158	130	134	134	134	131	290	328	335	335	129
CAL YEAR 2009	MEAN	156	MAX	187	MIN	130						
WTR YEAR 2010	MEAN	229	MAX	386	MIN	129						

NORTH PLATTE RIVER BASIN

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			CONTENT								
	(Feet)			(Acre-feet)								
Top of conservation pool	4125.0			60,770								
Top of dead storage pool	4075.0			300								
STORAGE (ACFT), WATER YEAR 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	33180	33110	32720	32410	32090	31940	31670	40040	54340	53280	42040	27200
2	33130	33090	32690	32410	32080	31930	31810	40760	54320	53090	41520	26760
3	33110	33080	32650	32400	32060	31930	31760	41500	54220	52840	41000	26450
4	33090	33060	32630	32400	32110	31930	31710	42230	54190	52450	40450	26200
5	33110	33060	32630	32380	32090	31930	31590	43110	54130	52100	39920	26010
6	33090	33030	32630	32380	32080	31930	31660	44040	54110	51820	39370	25770
7	33090	33030	32630	32360	32090	31910	31610	44880	54360	51610	38830	25610
8	33060	33010	32670	32350	32080	31930	31590	45680	54320	51530	38320	25600
9	33080	32990	32670	32330	32060	31910	31590	46460	54400	51510	37750	25670
10	33060	32970	32650	32310	32040	31910	31540	47150	54450	51450	37210	25690
11	33090	32960	32630	32310	32040	31910	31510	47780	54530	51470	36680	25870
12	33090	32960	32620	32300	32010	31870	31480	48620	54510	51360	36180	25980
13	33080	32970	32620	32280	32030	31870	31480	49360	54550	51140	35660	26210
14	33080	32970	32630	32280	32010	31870	31460	50040	54510	50850	35150	26560
15	33080	32960	32600	32260	31990	31860	31420	50690	54470	50470	34590	26950
16	33060	32940	32570	32260	31980	31860	31370	51320	54360	50040	34140	27420
17	33060	32920	32570	32250	31960	31840	31370	51770	54300	49600	33750	27930
18	33040	32910	32570	32250	32010	31860	31420	52270	54240	49120	33280	28310
19	33030	32910	32550	32230	32010	31820	31440	52740	54190	48620	32840	28750
20	33030	32890	32550	32210	32010	31810	31860	53130	54190	48060	32430	29250
21	33030	32870	32530	32210	32030	31790	32410	53450	54170	47560	31960	29970
22	32990	32860	32520	32210	32010	31790	33250	53780	54130	47070	31470	30710
23	32970	32840	32530	32210	31990	31790	34190	54030	54090	46560	30990	31190
24	33030	32800	32530	32190	31990	31770	34850	54420	54030	46050	30530	31240
25	33010	32790	32520	32160	31980	31760	35620	54610	53990	45520	30060	31140
26	32990	32770	32480	32140	31960	31740	36380	54570	53940	45040	29650	31210
27	33040	32770	32480	32140	31960	31820	37140	54590	53920	44500	29280	31160
28	33160	32750	32470	32130	31940	31710	37890	54570	53690	43980	28840	31160
29	33180	32740	32450	32130	---	31660	38630	54510	53490	43470	28460	31090
30	33130	32720	32450	32110	---	31640	39350	54490	53360	42980	28040	31070
31	33110	---	32430	32090	---	31620	---	54450	---	42410	27610	---
MEAN	33070	32920	32580	32260	32020	31830	33030	49710	54180	48950	34450	28140
MAX	33180	33110	32720	32410	32110	31940	39350	54610	54550	53280	42040	31240
MIN	32970	32720	32430	32090	31940	31620	31370	40040	53360	42410	27610	25600
CAL YEAR 2009	MEAN	32860	MAX	33180	MIN	32430						
WTR YEAR 2010	MEAN	36970	MAX	54610	MIN	25600						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	776	818	766	690	588	509	423	579	1159	1067	915	919
2	774	816	760	686	585	508	420	641	1157	1062	912	910
3	778	814	758	684	581	506	414	702	1150	1057	910	910
4	781	814	756	680	583	504	411	758	1145	1060	910	908
5	778	812	754	678	579	501	411	822	1138	1055	910	912
6	778	810	754	674	577	499	412	882	1135	1053	910	910
7	781	810	754	670	574	497	409	943	1157	1050	910	910
8	781	805	756	668	570	496	406	1000	1155	1046	910	910
9	783	803	754	664	566	492	405	1076	1164	1041	910	915
10	787	801	750	661	563	490	399	1140	1172	1036	908	917
11	795	799	748	657	561	485	396	1191	1169	1036	906	919
12	799	797	744	655	555	484	396	1196	1169	1034	912	923
13	799	801	742	651	552	482	385	1189	1179	1025	912	928
14	799	799	740	649	548	479	380	1186	1176	1018	910	930
15	799	797	738	645	546	475	375	1194	1172	1013	910	930
16	799	795	734	641	543	474	376	1201	1167	1009	915	935
17	797	795	732	639	539	472	369	1198	1155	1000	917	939
18	797	793	730	637	541	470	366	1196	1152	991	917	941
19	797	791	726	634	537	465	364	1203	1145	984	915	946
20	797	789	724	630	537	462	367	1198	1145	973	917	952
21	795	787	722	628	534	457	367	1196	1140	966	917	955
22	795	783	720	624	530	455	380	1194	1138	959	917	961
23	795	781	718	620	527	454	394	1186	1131	946	919	968
24	799	778	714	617	523	451	396	1189	1126	939	921	973
25	799	776	712	611	522	447	392	1184	1119	932	921	975
26	797	774	708	607	518	442	392	1179	1111	926	923	979
27	801	774	704	605	516	439	394	1181	1107	915	923	982
28	814	772	702	602	513	434	417	1176	1102	912	923	982
29	818	768	698	598	---	431	465	1174	1092	908	921	982
30	816	766	696	596	---	427	522	1169	1076	899	926	982
31	816	---	692	590	---	423	---	1164	---	895	923	---
MEAN	794	794	732	642	550	471	400	1080	1143	994	915	940
MAX	818	818	766	690	588	509	522	1203	1179	1067	926	982
MIN	774	766	692	590	513	423	364	579	1076	895	906	908
CAL YEAR 2009	MEAN	773	MAX	818	MIN	692						
WTR YEAR 2010	MEAN	790	MAX	1203	MIN	364						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	150	222	348	297
2	0.00	---	---	---	---	---	---	0.00	151	270	345	290
3	---	---	---	---	---	---	---	0.00	151	318	350	290
4	---	---	---	---	---	---	---	0.00	151	336	350	290
5	---	---	---	---	---	---	---	0.00	153	332	348	288
6	---	---	---	---	---	---	---	0.00	151	329	351	288
7	---	---	---	---	---	---	---	137	152	335	349	289
8	---	---	---	---	---	---	---	202	151	335	348	290
9	---	---	---	---	---	---	---	201	151	334	349	289
10	---	---	---	---	---	---	---	196	151	335	349	290
11	---	---	---	---	---	---	---	196	140	335	348	290
12	---	---	---	---	---	---	---	198	83	335	348	282
13	---	---	---	---	---	---	---	197	83	335	348	255
14	---	---	---	---	---	---	---	195	81	335	349	254
15	---	---	---	---	---	---	0.00	195	81	335	348	254
16	---	---	---	---	---	---	0.00	188	82	336	348	255
17	---	---	---	---	---	---	0.00	197	83	344	346	255
18	---	---	---	---	---	---	0.00	195	83	325	348	255
19	---	---	---	---	---	---	0.00	148	82	350	349	220
20	---	---	---	---	---	---	0.00	121	83	349	350	107
21	---	---	---	---	---	---	0.00	121	83	350	348	99
22	---	---	---	---	---	---	0.00	124	83	350	350	101
23	---	---	---	---	---	---	0.00	123	83	350	350	101
24	---	---	---	---	---	---	0.00	123	83	348	349	100
25	---	---	---	---	---	---	0.00	120	96	348	348	100
26	---	---	---	---	---	---	0.00	122	106	347	349	99
27	---	---	---	---	---	---	0.00	120	107	345	348	100
28	---	---	---	---	---	---	0.00	141	137	350	348	100
29	---	---	---	---	---	---	0.00	152	188	350	347	88
30	---	---	---	---	---	---	0.00	150	199	350	348	78
31	---	---	---	---	---	---	---	153	---	350	342	---
TOTAL	0	0	0	0	0	0	0	4015	3558	10363	10796	6294
MEAN	0.000	---	---	---	---	---	0.000	129.4	118.7	334.2	348.2	209.8
MAX	0.00	---	---	---	---	---	0.00	202	199	350	351	297
MIN	0.00	---	---	---	---	---	0.00	0.00	81	222	342	78
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7964	7057	20550	21410	12480
CAL YEAR 2009	MAX	343.0	MIN	0.000	AC-FT	58060						
WTR YEAR 2010	MAX	351.0	MIN	0.000	AC-FT	69470						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	77	120	175	166
2	0.00	---	---	---	---	---	---	0.00	77	130	188	149
3	---	---	---	---	---	---	---	0.00	77	147	179	148
4	---	---	---	---	---	---	---	0.00	75	171	176	146
5	---	---	---	---	---	---	---	0.00	77	182	172	144
6	---	---	---	---	---	---	---	0.00	78	163	170	143
7	---	---	---	---	---	---	---	0.00	78	159	172	151
8	---	---	---	---	---	---	---	0.00	80	157	171	144
9	---	---	---	---	---	---	---	0.00	93	156	169	136
10	---	---	---	---	---	---	---	0.00	132	159	167	141
11	---	---	---	---	---	---	---	0.00	75	167	166	142
12	---	---	---	---	---	---	---	0.00	50	174	162	141
13	---	---	---	---	---	---	---	0.00	24	169	164	135
14	---	---	---	---	---	---	0.00	106	15	164	166	114
15	---	---	---	---	---	---	0.00	117	13	166	166	112
16	---	---	---	---	---	---	0.00	123	13	168	188	110
17	---	---	---	---	---	---	0.00	113	13	167	174	100
18	---	---	---	---	---	---	0.00	99	12	167	173	99
19	---	---	---	---	---	---	0.00	99	12	167	171	100
20	---	---	---	---	---	---	0.00	72	22	169	172	59
21	---	---	---	---	---	---	0.00	63	14	175	165	33
22	---	---	---	---	---	---	0.00	64	10	174	161	33
23	---	---	---	---	---	---	0.00	59	10	174	158	34
24	---	---	---	---	---	---	0.00	55	27	173	159	30
25	---	---	---	---	---	---	0.00	46	64	173	161	30
26	---	---	---	---	---	---	0.00	59	79	173	159	30
27	---	---	---	---	---	---	0.00	61	80	173	162	30
28	---	---	---	---	---	---	0.00	59	77	172	166	30
29	---	---	---	---	---	---	0.00	75	79	170	172	33
30	---	---	---	---	---	---	0.00	75	102	168	169	33
31	---	---	---	---	---	---	---	77	---	166	171	---
TOTAL	0	0	0	0	0	0	0	1422	1635	5113	5244	2896
MEAN	0.000	---	---	---	---	---	0.000	45.8	54.4	165.0	169.2	96.5
MAX	0.00	---	---	---	---	---	0.00	123	132	182	188	166
MIN	0.00	---	---	---	---	---	0.00	0.00	10	120	158	30
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2820	3243	10140	10400	5744
CAL YEAR 2009	MAX	191.0	MIN	0.000	AC-FT	33780						
WTR YEAR 2010	MAX	188.0	MIN	0.000	AC-FT	32350						

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 2010

	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	600	1200	1300	1300
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1300
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1300
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1100
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1100
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1100
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1100
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1100
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1100
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1000
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	1000
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	850
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	850
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	850
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	750
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	1200	1300	750
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1200	1300	750
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1300	1300	750
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	0.00	1300	1300	750
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	0.00	1300	1300	750
21	0.00	0.00	0.00	0.00	0.00	0.00	136	600	0.00	1300	1300	750
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	0.00	1300	1300	600
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1300	1300	550
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1300	1300	550
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1300	1300	550
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1300	1300	525
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	600	1300	1300	550
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600	800	1300	1300	545
29	0.00	0.00	0.00	0.00	---	0.00	0.00	600	1100	1300	1300	505
30	0.00	0.00	0.00	0.00	---	0.00	0.00	600	1100	1300	1300	485
31	0.00	---	0.00	0.00	---	0.00	---	600	---	1300	1300	---
TOTAL	0	0	0	0	0	0	136	9000	16800	38600	40300	25160
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	4.5	290.3	560.0	1245	1300	838.7
MAX	0.00	0.00	0.00	0.00	0.00	0.00	136	600	1100	1300	1300	1300
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	1300	485
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	270	17850	33320	76560	79930	49900
CAL YEAR 2009	MAX	1280	MIN	0.000	AC-FT	220800						
WTR YEAR 2010	MAX	1300	MIN	0.000	AC-FT	257800						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	---	---	---	49
2	0.00	---	---	---	---	---	---	---	---	---	---	48
3	0.00	---	---	---	---	---	---	---	---	---	---	48
4	0.00	---	---	---	---	---	---	---	---	---	---	48
5	0.00	---	---	---	---	---	---	---	---	---	---	48
6	0.00	---	---	---	---	---	---	---	---	---	---	49
7	0.00	---	---	---	---	---	---	---	---	---	---	51
8	0.00	---	---	---	---	---	---	---	---	---	---	57
9	0.00	---	---	---	---	---	---	---	---	---	---	61
10	0.00	---	---	---	---	---	---	---	---	---	---	63
11	0.00	---	---	---	---	---	---	---	---	---	---	59
12	0.00	---	---	---	---	---	---	---	---	---	---	53
13	0.00	---	---	---	---	---	---	---	---	---	---	58
14	0.00	---	---	---	---	---	---	---	---	---	---	61
15	0.00	---	---	---	---	---	---	---	---	---	---	65
16	0.00	---	---	---	---	---	---	---	---	---	---	62
17	0.00	---	---	---	---	---	---	---	---	---	28	62
18	0.00	---	---	---	---	---	---	---	---	---	53	61
19	0.00	---	---	---	---	---	---	---	---	---	51	64
20	0.00	---	---	---	---	---	---	---	---	---	51	66
21	0.00	---	---	---	---	---	---	---	---	---	51	63
22	0.00	---	---	---	---	---	---	---	---	---	51	61
23	0.00	---	---	---	---	---	---	---	---	---	51	59
24	0.00	---	---	---	---	---	---	---	---	---	50	57
25	0.00	---	---	---	---	---	---	---	---	---	51	55
26	0.00	---	---	---	---	---	---	---	---	---	51	53
27	0.00	---	---	---	---	---	---	---	---	---	51	52
28	0.00	---	---	---	---	---	---	---	---	---	51	52
29	0.00	---	---	---	---	---	---	---	---	---	51	52
30	0.00	---	---	---	---	---	---	---	---	---	50	51
31	0.00	---	---	---	---	---	---	---	---	---	49	---
TOTAL	0	0	0	0	0	0	0	0	0	0	740	1688
MEAN	0.000	---	---	---	---	---	---	---	---	---	49.3	56.3
MAX	0.00	---	---	---	---	---	---	---	---	---	53	66
MIN	0.00	---	---	---	---	---	---	---	---	---	28	48
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1468	3348
CAL YEAR 2009	MAX	54.0	MIN	0.000	AC-FT	6206						
WTR YEAR 2010	MAX	66.0	MIN	0.000	AC-FT	4816						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	8.0	9.0	7.0	7.0
2	0.00	---	---	---	---	---	0.00	0.00	8.0	11	7.0	7.0
3	0.00	---	---	---	---	---	0.00	0.00	6.0	11	7.0	7.0
4	0.00	---	---	---	---	---	0.00	0.00	6.0	15	7.0	7.0
5	0.00	---	---	---	---	---	0.00	0.00	6.0	10	7.0	7.0
6	0.00	---	---	---	---	---	0.00	0.00	6.0	11	7.0	7.0
7	0.00	---	---	---	---	---	0.00	0.00	7.0	11	7.0	8.0
8	0.00	---	---	---	---	---	0.00	0.00	7.0	11	7.0	7.0
9	0.00	---	---	---	---	---	0.00	0.00	7.0	11	7.0	6.0
10	0.00	---	---	---	---	---	0.00	0.00	7.0	12	7.0	7.0
11	0.00	---	---	---	---	---	0.00	0.00	7.0	20	7.0	7.0
12	0.00	---	---	---	---	---	0.00	0.00	7.0	7.0	7.0	7.0
13	0.00	---	---	---	---	---	0.00	0.00	7.0	7.0	7.0	7.0
14	0.00	---	---	---	---	---	0.00	0.00	7.0	17	7.0	7.0
15	0.00	---	---	---	---	---	0.00	0.00	7.0	7.0	7.0	7.0
16	0.00	---	---	---	---	---	0.00	0.00	7.0	7.0	7.0	7.0
17	0.00	---	---	---	---	---	0.00	0.00	8.0	7.0	7.0	7.0
18	0.00	---	---	---	---	---	0.00	7.0	7.0	7.0	8.0	7.0
19	0.00	---	---	---	---	---	0.00	7.0	6.0	7.0	7.0	7.0
20	0.00	---	---	---	---	---	0.00	7.0	6.0	7.0	8.0	7.0
21	0.00	---	---	---	---	---	0.00	7.0	6.0	7.0	8.0	7.0
22	0.00	---	---	---	---	---	0.00	7.0	6.0	7.0	7.0	6.0
23	0.00	---	---	---	---	---	0.00	7.0	7.0	7.0	8.0	7.0
24	0.00	---	---	---	---	---	0.00	7.0	7.0	7.0	6.0	7.0
25	0.00	---	---	---	---	---	0.00	7.0	7.0	7.0	8.0	7.0
26	0.00	---	---	---	---	---	0.00	7.0	7.0	7.0	7.0	7.0
27	0.00	---	---	---	---	---	0.00	7.0	7.0	6.0	7.0	7.0
28	0.00	---	---	---	---	---	0.00	7.0	7.0	6.0	7.0	7.0
29	0.00	---	---	---	---	---	0.00	8.0	8.0	6.0	6.0	7.0
30	0.00	---	---	---	---	---	0.00	8.0	8.0	7.0	7.0	7.0
31	0.00	---	---	---	---	---	---	8.0	---	7.0	7.0	---
TOTAL	0	0	0	0	0	0	0	101	207	279	220	209
MEAN	0.000	---	---	---	---	---	0.000	3.3	6.9	9.0	7.1	7.0
MAX	0.00	---	---	---	---	---	0.00	8.0	8.0	20	8.0	8.0
MIN	0.00	---	---	---	---	---	0.00	0.00	6.0	6.0	6.0	6.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200	411	553	436	415
CAL YEAR 2009	MAX		9.0	MIN	0.000	AC-FT	1607					
WTR YEAR 2010	MAX		20.0	MIN	0.000	AC-FT	2015					

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 2010

	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	17
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	16
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	18
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	17
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	17
6	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	17
7	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	19
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	18
9	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	19
10	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	2.0	19
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	3.0	17
12	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	2.0	17
13	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	3.0	16
14	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	3.0	17
15	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	4.0	17
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	4.0	17
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	10	17
18	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	14	18
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	20
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	21
21	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	14	18
22	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	13	17
23	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	13	17
24	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	12	16
25	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	14	15
26	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	14	15
27	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	15
28	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	15
29	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	15
30	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	15
31	0.00	---	---	---	---	---	---	0.00	---	0.00	16	---
TOTAL	0	0	0	0	0	0	0	0	0	0	231	512
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	0.000	7.5	17.1
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	16	21
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	15
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	458	1016
CAL YEAR 2009	MAX	16.0	MIN	0.000	AC-FT	1513						
WTR YEAR 2010	MAX	21.0	MIN	0.000	AC-FT	1474						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	7.0	3.0	9.0	13
2	0.00	---	---	---	---	---	0.00	0.00	7.0	3.0	9.0	13
3	0.00	---	---	---	---	---	0.00	0.00	7.0	3.0	9.0	13
4	0.00	---	---	---	---	---	0.00	0.00	6.0	3.0	9.0	13
5	0.00	---	---	---	---	---	0.00	0.00	6.0	7.0	10	12
6	0.00	---	---	---	---	---	0.00	0.00	6.0	8.0	10	11
7	0.00	---	---	---	---	---	0.00	0.00	6.0	8.0	9.0	11
8	0.00	---	---	---	---	---	0.00	0.00	6.0	8.0	9.0	10
9	0.00	---	---	---	---	---	0.00	0.00	5.0	8.0	10	10
10	0.00	---	---	---	---	---	0.00	0.00	5.0	7.0	11	10
11	0.00	---	---	---	---	---	0.00	0.00	5.0	6.0	12	11
12	0.00	---	---	---	---	---	0.00	0.00	5.0	6.0	13	11
13	0.00	---	---	---	---	---	0.00	0.00	6.0	6.0	13	11
14	0.00	---	---	---	---	---	0.00	0.00	6.0	6.0	12	11
15	0.00	---	---	---	---	---	0.00	0.00	7.0	6.0	12	12
16	0.00	---	---	---	---	---	0.00	0.00	7.0	6.0	12	12
17	0.00	---	---	---	---	---	0.00	0.00	7.0	6.0	13	12
18	0.00	---	---	---	---	---	0.00	6.0	7.0	6.0	14	13
19	0.00	---	---	---	---	---	0.00	6.0	6.0	6.0	14	13
20	0.00	---	---	---	---	---	0.00	7.0	6.0	6.0	14	14
21	0.00	---	---	---	---	---	0.00	7.0	6.0	6.0	13	14
22	0.00	---	---	---	---	---	0.00	7.0	6.0	6.0	12	15
23	0.00	---	---	---	---	---	0.00	7.0	6.0	7.0	11	16
24	0.00	---	---	---	---	---	0.00	7.0	5.0	7.0	9.0	16
25	0.00	---	---	---	---	---	0.00	7.0	5.0	7.0	9.0	16
26	0.00	---	---	---	---	---	0.00	8.0	5.0	8.0	10	16
27	0.00	---	---	---	---	---	0.00	8.0	4.0	10	10	16
28	0.00	---	---	---	---	---	0.00	8.0	4.0	10	11	16
29	0.00	---	---	---	---	---	0.00	8.0	4.0	9.0	11	16
30	0.00	---	---	---	---	---	0.00	7.0	4.0	9.0	11	16
31	0.00	---	---	---	---	---	---	7.0	---	9.0	12	---
TOTAL	0	0	0	0	0	0	0	100	172	206	343	393
MEAN	0.000	---	---	---	---	---	0.000	3.2	5.7	6.6	11.1	13.1
MAX	0.00	---	---	---	---	---	0.00	8.0	7.0	10	14	16
MIN	0.00	---	---	---	---	---	0.00	0.00	4.0	3.0	9.0	10
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198	341	409	680	780
CAL YEAR 2009	MAX	16.0	MIN	0.000	AC-FT	2267						
WTR YEAR 2010	MAX	16.0	MIN	0.000	AC-FT	2408						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	33
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	33
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	34
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	32
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	32
6	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	31
7	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	26	31
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	31
9	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	26	31
10	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	26	32
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	26	29
12	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	27	29
13	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	28	31
14	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	28	30
15	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	32	31
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	32	31
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	33	29
18	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	32	29
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	31	31
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	30	31
21	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	29	30
22	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	28	24
23	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	28	25
24	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	28	25
25	0.00	---	---	---	---	---	0.00	0.00	0.00	8.0	28	24
26	0.00	---	---	---	---	---	0.00	0.00	0.00	22	28	22
27	0.00	---	---	---	---	---	0.00	0.00	0.00	25	28	21
28	0.00	---	---	---	---	---	0.00	0.00	0.00	25	27	22
29	0.00	---	---	---	---	---	0.00	0.00	0.00	28	27	22
30	0.00	---	---	---	---	---	0.00	0.00	0.00	27	28	22
31	0.00	---	---	---	---	---	---	0.00	---	27	30	---
TOTAL	0	0	0	0	0	0	0	0	0	162	861	858
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	5.2	27.8	28.6
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	28	33	34
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	25	21
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321	1708	1702
CAL YEAR 2009	MAX	32.0	MIN	0.000	AC-FT	4324						
WTR YEAR 2010	MAX	34.0	MIN	0.000	AC-FT	3731						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.6	---	---	---	---	---	---	0.00	137	239	251	269
2	---	---	---	---	---	---	---	0.00	135	249	271	269
3	---	---	---	---	---	---	---	0.00	135	270	258	272
4	---	---	---	---	---	---	---	0.00	142	256	265	258
5	---	---	---	---	---	---	---	0.00	129	275	268	263
6	---	---	---	---	---	---	---	0.00	126	248	256	250
7	---	---	---	---	---	---	---	0.00	138	247	257	248
8	---	---	---	---	---	---	---	0.00	136	229	253	250
9	---	---	---	---	---	---	---	0.00	139	220	249	260
10	---	---	---	---	---	---	---	0.00	131	224	253	246
11	---	---	---	---	---	---	---	0.00	145	225	258	244
12	---	---	---	---	---	---	---	0.00	113	263	252	253
13	---	---	---	---	---	---	0.00	0.00	113	247	249	239
14	---	---	---	---	---	---	0.00	0.00	128	263	262	226
15	---	---	---	---	---	---	0.00	0.00	156	266	263	194
16	---	---	---	---	---	---	0.00	0.00	164	253	258	196
17	---	---	---	---	---	---	0.00	0.00	151	257	265	205
18	---	---	---	---	---	---	0.00	0.00	140	263	262	193
19	---	---	---	---	---	---	0.00	0.00	118	260	262	205
20	---	---	---	---	---	---	0.00	92	41	264	269	222
21	---	---	---	---	---	---	0.00	116	4.6	268	272	220
22	---	---	---	---	---	---	0.00	128	2.6	264	262	202
23	---	---	---	---	---	---	0.00	138	0.00	263	257	180
24	---	---	---	---	---	---	0.00	132	0.00	252	257	159
25	---	---	---	---	---	---	0.00	124	106	264	265	147
26	---	---	---	---	---	---	0.00	146	194	272	263	158
27	---	---	---	---	---	---	0.00	158	158	255	255	152
28	---	---	---	---	---	---	0.00	145	158	261	260	149
29	---	---	---	---	---	---	0.00	133	182	260	253	144
30	---	---	---	---	---	---	0.00	138	224	257	258	143
31	---	---	---	---	---	---	---	140	---	252	277	---
TOTAL	5.6	0	0	0	0	0	0	1590	3646.2	7886	8060	6416
MEAN	5.6	---	---	---	---	---	0.000	51.3	121.6	254.4	260.0	213.9
MAX	5.6	---	---	---	---	---	0.00	158	224	275	277	272
MIN	5.6	---	---	---	---	---	0.00	0.00	0.00	220	249	143
AC-FT	11	0.00	0.00	0.00	0.00	0.00	0.00	3154	7232	15640	15990	12730
CAL YEAR 2009	MAX	271.0	MIN	0.000	AC-FT	50240						
WTR YEAR 2010	MAX	277.0	MIN	0.000	AC-FT	54750						

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 1,010 cubic feet per second June 14, gage height 6.41 feet; minimum daily discharge 13 cubic feet per second February 12 - 20.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54	94	31	23	17	17e	22	41	191	231	84	105
2	53	65	29	35	16	17e	25	37	189	225	83	110
3	53	56	33	24	16	18e	24	33	181	250	78	137
4	52	52	38	24	16	20e	22	30	173	281	72	151
5	55	50	31	25	15	24e	22	31	172	453	78	145
6	51	47	31e	26e	15	24	23	48	187	267	81	144
7	50	45	31e	26e	15	24	24	313	193	285	85	154
8	50	43	31e	25e	14	23	25	455	208	322	76	166
9	51	41	32e	24	14e	22	24	513	238	299	75	168
10	52	39	32e	24	14e	22	23	550	269	275	74	175
11	54	39	32e	25	14e	20	23	549	366	257	73	166
12	56	38	30e	23	13	20	22	500	410	245	74	151
13	57	40	30e	23	13	21	22	338	530	246	75	158
14	64	40	30e	24	13	21	22	234	483	226	72	191
15	61	39	30e	24	13	21	21	239	378	176	73	214
16	54	38	25e	25	13	21	21	267	410	117	86	246
17	51	36	22	24	13	21	22	277	389	105	184	376
18	50	36	23	24	13	21	22	253	324	93	101	288
19	49	34	23	24	13	21	22	261	315	91	89	277
20	48	34	24	24	13	21	21	252	354	99	96	237
21	47	33	25	21	14	21	20	226	393	101	101	257
22	46	33	27	20	14	21	20	177	439	102	100	254
23	45	33	25	19	15	23	34	138	426	101	87	230
24	45	32	25e	19	16	28	62	167	323	95	85	203
25	48	32	25e	19	15	24	44	170	288	91	89	158
26	47	32	25e	21	16e	23	40	172	277	88	84	133
27	45	31	25e	19	16e	23	40	170	269	84	83	113
28	50	31	25e	18	17e	22	40	173	271	84	87	97
29	49	31	24e	17	---	22	37	174	268	84	85	89
30	49	30	24e	17	---	22	36	173	256	84	85	80
31	78	---	23	17	---	22	---	184	---	85	90	---
TOTAL	1614	1224	861	703	406	670	825	7145	9170	5542	2685	5373
MEAN	52.1	40.8	27.8	22.7	14.5	21.6	27.5	230.6	305.6	178.8	86.6	179.1
MAX	78	94	38	35	17	28	62	550	530	453	184	376
MIN	45	30	22	17	13	17	20	30	172	84	72	80
AC-FT	3201	2428	1708	1394	805	1329	1636	14170	18190	10990	5326	10660
CAL YEAR 2009	TOTAL		29003	MEAN	79.5	MAX	492.0	MIN	8.7	AC-FT	57530	
WTR YEAR 2010	TOTAL		36218	MEAN	99.2	MAX	550.0	MIN	13.0	AC-FT	71840	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

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 100 cubic feet per second June 10, gage height 2.07 feet; minimum daily discharge 6.8 cubic feet per second September 24 - 26.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44	48	49	50	48	45	58	39	38	39	18	11
2	43	48	48	50	48	44	59	38	40	42	16	11
3	43	46	47	49	46	44	55	37	40	43	16	10
4	43	44	48	49	48	44	52	35	41	47	15	11
5	46	49	48	48	46	44	49	35	41	50	14	10
6	52	53	48	47	46	43	50	35	38	52	15	9.4
7	55	54	48	46e	47	42	51	35	40	56	15	8.6
8	54	60	48e	46	46	42	49	35	49	52	14	7.7
9	56	64	48e	46	46	42	48	35	44	53	13	8.1
10	57	63	48e	46	47	45	46	37	58	53	13	8.4
11	57	63	48e	45	45	43	46	36	57	45	12	7.9
12	58	62	49e	47	45	40	45	42	54	45	11	7.4
13	58	63	49e	47	45	39	43	36	57	44	11	7.1
14	56	61	50	47	44	40	41	31	61	42	10	7.3
15	53	61	49	47	44	38	40	32	56	43	10	7.4
16	45	60	49	47	44	40	39	34	55	49	10	7.6
17	42	60	49	47	45	41	40	34	52	52	10	7.3
18	42	60	49	47	46	39	40	34	50	53	10	7.1
19	42	59	49	47	44	40	39	42	52	55	9.9	6.9
20	42	57	49	47	45	41	47	42	50	47	9.4	7.3
21	44	58	49	46	45	41	41	38	47	46	9.2	6.9
22	51	54	50	47	45	43	42	38	47	48	9.6	7.2
23	59	53	51	46	45	53	50	40	50	49	9.6	7.1
24	57	58	49	45	45	50	48	48	48	48	9.2	6.8
25	58	59	49	45	48	49	44	45	47	50	9.2	6.8
26	56	59	50	46	48	49	43	44	46	53	9.4	6.8
27	56	59	49	46	46	50	43	44	46	56	9.4	7.0
28	60	54	49	46	46	51	42	47	44	52	9.7	7.0
29	64	51	50	46	---	52	41	44	41	57	10	7.3
30	62	48	50	46	---	54	41	45	40	59	9.9	7.2
31	57	---	50	48	---	55	---	45	---	37	9.8	---
TOTAL	1612	1688	1516	1452	1283	1383	1372	1202	1429	1517	357.3	238.6
MEAN	51.9	56.3	48.9	46.8	45.8	44.6	45.7	38.7	47.6	49.0	11.6	8.0
MAX	64	64	51	50	48	55	59	48	61	59	18	11
MIN	42	44	47	45	44	38	39	31	38	37	9.2	6.8
AC-FT	3197	3348	3007	2880	2545	2743	2721	2384	2834	3009	709	473
CAL YEAR 2009	TOTAL		13018	MEAN	35.7	MAX	64.0	MIN	11.0	AC-FT	25820	
WTR YEAR 2010	TOTAL		15050	MEAN	41.2	MAX	64.0	MIN	6.8	AC-FT	29850	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	55	---	---	---	---	---	---	0.00	61	64	91	78
2	44	---	---	---	---	---	---	0.00	60	76	91	79
3	34	---	---	---	---	---	---	0.00	60	87	86	77
4	30	---	---	---	---	---	---	0.00	59	82	84	76
5	26	---	---	---	---	---	---	0.00	59	82	86	72
6	0.00e	---	---	---	---	---	---	0.00	58	76	86	69
7	0.00e	---	---	---	---	---	---	0.00	58	74	86	68
8	0.00e	---	---	---	---	---	---	0.00	57	73	86	67
9	---	---	---	---	---	---	---	0.00	55	72	84	65
10	---	---	---	---	---	---	---	48	57	70	84	64
11	---	---	---	---	---	---	---	61	62	68	85	63
12	---	---	---	---	---	---	---	62	62	76	86	61
13	---	---	---	---	---	---	---	59	64	88	87	60
14	---	---	---	---	---	---	0.00	58	63	85	87	58
15	---	---	---	---	---	---	0.00	61	63	94	88	57
16	---	---	---	---	---	---	0.00	56	67	99	89	56
17	---	---	---	---	---	---	0.00	56	66	98	90	54
18	---	---	---	---	---	---	0.00	55	62	98	91	53
19	---	---	---	---	---	---	0.00	53	63	96	88	52
20	---	---	---	---	---	---	0.00	51	65	96	88	51
21	---	---	---	---	---	---	0.00	60	65	37	87	50
22	---	---	---	---	---	---	0.00	67	66	32	87	48
23	---	---	---	---	---	---	0.00	67	66	81	86	44
24	---	---	---	---	---	---	0.00	65	65	97	85	39
25	---	---	---	---	---	---	0.00	63	66	92	85	36
26	---	---	---	---	---	---	0.00	63	78	91	82	33
27	---	---	---	---	---	---	0.00	64	58	92	81	31
28	---	---	---	---	---	---	0.00	63	57	93	81	28
29	---	---	---	---	---	---	0.00	60	61	93	81	30
30	---	---	---	---	---	---	0.00	59	60	94	80	32
31	---	---	---	---	---	---	---	61	---	92	78	---
TOTAL	189	0	0	0	0	0	0	1312	1863	2548	2656	1651
MEAN	23.6	---	---	---	---	---	0.000	42.3	62.0	82.1	85.6	55.0
MAX	55	---	---	---	---	---	0.00	67	78	99	91	79
MIN	0.00	---	---	---	---	---	0.00	0.00	55	32	78	28
AC-FT	375	0.00	0.00	0.00	0.00	0.00	0.00	2602	3695	5054	5268	3275

CAL YEAR 2009 MAX 130.0 MIN 0.000 AC-FT 26200
WTR YEAR 2010 MAX 99.0 MIN 0.000 AC-FT 20270

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

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, except estimated records are poor.

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 234 cubic feet per second July 5, gage height 3.11 feet; minimum daily discharge, 9.7 cubic feet per second June 4 & 5.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25e	20	17	17e	17	20e	13	12	9.9	57	64	63
2	25e	20	16	18e	17	20	15	11	11	64	64	63
3	25e	19	16	18e	17	21	14	11	10	69	59	68
4	25e	19e	16	18e	17e	19	13	12	9.7	78	64	64
5	25e	19	16	18e	17e	18	13	13	9.7	132	63	67
6	25e	19	16	18e	16e	18	13	15	9.8	92	62	71
7	25e	19	16	19e	16e	18	14	25	18	94	62	70
8	26e	19	17e	19e	16e	18	13	28	74	90	64	70
9	26e	19e	17e	19e	16e	18	13	30	21	88	62	64
10	26e	18	17e	19e	16e	18	12	67	34	81	62	76
11	26e	18	16e	19e	15e	17	12	103	38	80	61	74
12	27e	18	16e	19e	15e	17	12	109	36	81	61	72
13	27e	20	16e	19e	15e	17	11	71	50	86	64	73
14	28	19	16e	19e	15e	17	11	38	37	81	69	73
15	27	19	16e	19	15e	17	12	38	31	78	75	66
16	27	19	16e	19	15e	17	12	47	33	82	69	62
17	26	19	16e	19	15e	15	12	45	32	81	69	60
18	26	19	16e	19	16e	14	12	36	29	85	66	66
19	26	19	16e	19	16e	14	12	45	30	90	71	70
20	25	18	16e	19	16e	14	13	43	33	94	74	70
21	25	18	17e	19	18e	14	12	45	31	108	76	50
22	24	18	17e	19	18e	14	13	46	31	76	74	29
23	24	18	17e	19	18e	16	18	42	29	73	63	27
24	24	17	17e	17	18e	15	16	74	28	71	63	27
25	23	17	17e	17	18e	14	14	26	29	70	64	26
26	23	17	17e	18	20e	13	13	16	28	73	55	25
27	22	17	17e	18	20e	13	12	17	24	65	52	28
28	22	17	17e	17	20e	13	12	15	21	61	59	30
29	21	17	17e	17	---	13	12	14	30	60	66	30
30	21	17	17e	17	---	13	12	14	57	62	66	30
31	21	---	17e	18	---	13	---	12	---	64	67	---
TOTAL	768	552	511	569	468	498	386	1120	864.1	2466	2010	1664
MEAN	24.8	18.5	16.5	18.3	16.7	16.1	12.9	36.1	28.7	79.6	64.9	55.5
MAX	28	20	17	19	20	21	18	109	74	132	76	76
MIN	21	17	16	17	15	13	11	11	9.7	57	52	25
AC-FT	1523	1095	1014	1129	928	988	766	2221	1714	4891	3987	3300
CAL YEAR 2009	TOTAL		15037	MEAN	41.2	MAX	143.0	MIN	6.6	AC-FT	29820	
WTR YEAR 2010	TOTAL		11876	MEAN	32.5	MAX	132.0	MIN	9.7	AC-FT	23560	

e indicates estimated records.

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 and records for discharge over 1,000 cfs 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 6,010 cubic feet per second June 20, gage height 8.99 feet; minimum daily discharge 286 cubic feet per second April 19.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	588	595	407	374	314	371	310	356	2150	3770	2640	2150
2	586	555	405	364	314	382	328	350	2160	3630	2650	2160
3	600	532	395	365	315	429	321	356	2130	3580	2660	2260
4	572	510	385	361	320	400	313	370	2160	3540	2720	2330
5	611	500	393	361	319	379	309	387	2210	3900	2830	2290
6	612	493	392	356	316	368	312	411	2250	3640	2810	2120
7	596	484	384	335e	317	365	316	491	2290	3580	2830	2090
8	583	478	360e	335e	317	364	314	627	2430	3590	2810	2260
9	584	469	307	335e	308	359	310	675	2350	3550	2810	2470
10	580	464	368	335e	306	356	306	722	2520	3500	2830	2600
11	591	462	316	356	306	351	303	762	2800	3390	2830	2560
12	592	459	357	361	305	344	300	775	3100	3380	2800	2550
13	587	467	390	365	304	338	298	755	3440	3310	2770	2670
14	602	468	390	349	304	333	296	693	3490	3210	2740	2820
15	594	462	375	344	303	331	293	838	3430	3120	2700	2970
16	569	457	379	340	304	328	290	1430	3910	2950	2700	3200
17	549	453	398	338	311	328	287	1860	4460	2840	2950	3050
18	541	451	387	337	323	326	288	1860	5080	2800	2920	2630
19	533	447	386	336	326	326	286	1900	5670	2720	2830	2860
20	526	442	388	335	329	323	290	2150	5830	2670	2820	2770
21	526	440	389	331	331	321	287	1940	5660	2800	2810	1860
22	526	435	393	331	325	319	290	1830	5640	2800	2800	1470
23	519	431	390	328	322	324	331	1820	5320	2710	2790	1250
24	516	426	376	324	322	348	417	1810	4710	2650	2740	1040
25	528	422	360e	317	329	340	458	1820	4710	2660	2640	776
26	524	419	360e	318	348	330	410	1960	4820	2630	2440	630
27	516	417	309	322	384	323	389	2050	4620	2630	2300	536
28	532	414	357	318	425	317	378	2080	4510	2640	2190	456
29	544	409	378	318	---	313	366	2020	4450	2630	2150	406
30	525	407	391	318	---	309	357	2070	4090	2650	2100	372
31	538	---	385	316	---	306	---	2130	---	2670	2080	---
TOTAL	17390	13868	11650	10523	9047	10651	9753	39298	112390	96140	82690	59606
MEAN	561.0	462.3	375.8	339.4	323.1	343.5	325.1	1267	3747	3101	2667	1987
MAX	612	595	407	374	425	429	458	2150	5830	3900	2950	3200
MIN	516	407	307	316	303	306	286	350	2130	2630	2080	372
AC-FT	34490	27510	23110	20870	17940	21130	19340	77950	222900	190700	164000	118200
CAL YEAR 2009	TOTAL		131410	MEAN	360.0	MAX	677.0	MIN	190.0	AC-FT	260600	
WTR YEAR 2010	TOTAL		473006	MEAN	1296	MAX	5830	MIN	286.0	AC-FT	938200	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

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 fair, except estimated records are poor.

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 523 cubic feet per second June 7, gage height 4.08 feet; minimum daily discharge 13 cubic feet per second December 13.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	35	29	22	26	19e	20e	17	17	38	56	39	40
2	42	28	20	25	20e	20e	16	17	38	58	48	41
3	38	28	19	24	20e	20e	16	17	36	57	41	43
4	41	27	19	25	20e	19e	16	17	34	62	38	48
5	38	27	17	24	20e	19e	16	18	33	67	39	46
6	33	27	17	26	18e	19e	17	18	33	64	38	47
7	34	27	18	29	18e	18e	17	18	63	65	37	48
8	35	27	17	27	18e	18	16	19	94	63	35	48
9	35	27	20	25	18	18	17	19	60	58	34	48
10	36	27	18	22	16	18	17	20	103	56	34	51
11	34	27	16	22	17	18	17	20	57	56	35	53
12	33	27	15	23	17	18	17	27	66	56	33	55
13	36	28	13	23	18	18	16	39	60	60	33	51
14	38	27	17	23	18	18	15	43	62	59	32	46
15	36	27	18	23	17	18	15	44	63	58	34	44
16	36	27	15	24	17	18	16	54	65	57	34	41
17	35	28	16	24	18	18	16	65	62	58	34	45
18	35	27	16	25	17	18	16	61	62	59	33	47
19	34	27	17	23	18	18	16	40	64	59	32	50
20	33	27	18	24	18	17	17	33	60	56	32	49
21	33	27	19	24	18	18	17	29	58	53	33	45
22	33	27	20	21	19	18	17	30	58	53	32	38
23	32	26	20	21	19e	18	19	31	56	68	34	34
24	32	26	22	22	20e	18	18	33	56	69	26	31
25	31	27	23	22	20e	17	17	36	57	49	27	31
26	30	26	22	21	20e	17	17	37	59	41	28	30
27	30	25	22	19	22e	17	16	38	61	40	29e	24
28	31	25	24	18	20e	17	16	38	55	37	31e	21
29	30	22	24	19	---	17	16	38	52	37	32e	21
30	29	23	24	19	---	17	16	38	52	36	35	23
31	29	---	24	19e	---	17	---	37	---	36	37	---
TOTAL	1057	800	592	712	520	559	495	991	1717	1703	1059	1239
MEAN	34.1	26.8	19.1	23.0	18.5	18.0	16.5	31.9	57.2	55.0	34.1	41.4
MAX	42	29	24	29	22	20	19	65	103	69	48	55
MIN	29	22	13	18	16	17	15	17	33	36	26	21
AC-FT	2097	1587	1174	1412	1031	1109	982	1966	3406	3378	2100	2458
CAL YEAR 2009	TOTAL		10485	MEAN	28.7	MAX	76.0	MIN	13.0	AC-FT	20800	
WTR YEAR 2010	TOTAL		11444	MEAN	31.4	MAX	103.0	MIN	13.0	AC-FT	22700	

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	9.5	37	28
2	0.00	---	---	---	---	---	---	0.00	0.00	9.3	37	29
3	0.00	---	---	---	---	---	---	0.00	0.00	9.3	38	30
4	0.00	---	---	---	---	---	---	0.00	0.00	9.4	13	30
5	0.00	---	---	---	---	---	---	0.00	0.00	10	40	31
6	---	---	---	---	---	---	---	0.00	0.00	9.8	40	30
7	---	---	---	---	---	---	---	0.00	0.00	9.9	40	29
8	---	---	---	---	---	---	---	0.00	0.00	13	40	29
9	---	---	---	---	---	---	---	0.00	0.00	19	39	31
10	---	---	---	---	---	---	---	0.00	0.00	22	39	30
11	---	---	---	---	---	---	---	0.00	0.00	31	39	22
12	---	---	---	---	---	---	---	0.00	0.00	28	38	18
13	---	---	---	---	---	---	---	0.00	0.00	29	38	12
14	---	---	---	---	---	---	0.00	0.00	0.00	38	37	7.9
15	---	---	---	---	---	---	0.00	0.00	0.00	36	36	7.9
16	---	---	---	---	---	---	0.00	0.00	0.00	34	36	7.9
17	---	---	---	---	---	---	0.00	0.00	0.00	37	39	9.0
18	---	---	---	---	---	---	0.00	0.00	0.00	37	37	8.7
19	---	---	---	---	---	---	0.00	0.00	2.2	36	34	8.3
20	---	---	---	---	---	---	0.00	0.00	3.4	34	34	8.1
21	---	---	---	---	---	---	0.00	0.00	2.6	34	35	6.9
22	---	---	---	---	---	---	0.00	0.00	1.9	35	33	6.2
23	---	---	---	---	---	---	0.00	0.00	1.7	35	33	5.6
24	---	---	---	---	---	---	0.00	0.00	1.3	34	32	5.2
25	---	---	---	---	---	---	0.00	0.00	1.1	35	31	4.5
26	---	---	---	---	---	---	0.00	0.00	1.1	35	29	3.8
27	---	---	---	---	---	---	0.00	0.00	1.2	35	28	3.2
28	---	---	---	---	---	---	0.00	0.00	1.2	35	27	0.00
29	---	---	---	---	---	---	0.00	0.00	4.8	35	27	0.00
30	---	---	---	---	---	---	0.00	0.00	12	36	27	0.00
31	---	---	---	---	---	---	---	0.00	---	36	27	---
TOTAL	0	0	0	0	0	0	0	0	34.5	846.2	1060	442.2
MEAN	0.000	---	---	---	---	---	0.000	0.000	1.1	27.3	34.3	14.7
MAX	0.00	---	---	---	---	---	0.00	0.00	12	38	40	31
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	9.3	13	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68	1678	2102	877
CAL YEAR 2009	MAX	44.0	MIN	0.000	AC-FT	5140						
WTR YEAR 2010	MAX	40.0	MIN	0.000	AC-FT	4726						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.7	---	---	---	---	---	---	0.00	0.00	25	67	41
2	6.3	---	---	---	---	---	---	0.00	0.00	25	1.7	40
3	5.0	---	---	---	---	---	---	0.00	0.00	24	6.9	38
4	4.6	---	---	---	---	---	---	0.00	0.00	25	21	28
5	4.5	---	---	---	---	---	---	0.00	0.00	26	43	28
6	4.0	---	---	---	---	---	---	0.00	0.00	28	44	26
7	4.0	---	---	---	---	---	---	0.00	0.00	28	42	22
8	3.9	---	---	---	---	---	---	0.00	0.00	0.45	43	21
9	3.9	---	---	---	---	---	---	0.00	0.00	0.37	46	21
10	3.7	---	---	---	---	---	---	0.00	0.00	5.8	45	22
11	3.7	---	---	---	---	---	---	0.00	0.00	0.21	45	23
12	3.7	---	---	---	---	---	---	0.00	0.00	23	47	24
13	0.00	---	---	---	---	---	---	0.00	0.00	31	47	24
14	---	---	---	---	---	---	---	0.00	0.00	29	47	25
15	---	---	---	---	---	---	0.00	0.00	0.00	28	48	25
16	---	---	---	---	---	---	0.00	0.00	0.00	37	41	25
17	---	---	---	---	---	---	0.00	0.00	2.3	37	33	24
18	---	---	---	---	---	---	0.00	0.00	3.4	37	47	24
19	---	---	---	---	---	---	0.00	0.00	3.6	38	45	24
20	---	---	---	---	---	---	0.00	0.00	4.2	38	45	24
21	---	---	---	---	---	---	0.00	0.00	4.3	40	44	24
22	---	---	---	---	---	---	0.00	0.00	3.9	37	44	24
23	---	---	---	---	---	---	0.00	0.00	3.9	39	41	23
24	---	---	---	---	---	---	0.00	0.00	3.9	43	41	21
25	---	---	---	---	---	---	0.00	0.00	7.3	43	43	18
26	---	---	---	---	---	---	0.00	0.00	11	43	43	18
27	---	---	---	---	---	---	0.00	0.00	10	44	41	17
28	---	---	---	---	---	---	0.00	0.00	8.5	45	38	16
29	---	---	---	---	---	---	0.00	0.00	20	46	38	15
30	---	---	---	---	---	---	0.00	0.00	24	45	40	15
31	---	---	---	---	---	---	---	0.00	---	45	40	---
TOTAL	54	0	0	0	0	0	0	0	110.3	955.83	1257.6	720
MEAN	4.2	---	---	---	---	---	0.000	0.000	3.7	30.8	40.6	24.1
MAX	6.7	---	---	---	---	---	0.00	0.00	24	46	67	41
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.21	1.7	15
AC-FT	107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	219	1896	2494	1428
CAL YEAR 2009	MAX		64.0	MIN	0.000	AC-FT	7893					
WTR YEAR 2010	MAX		67.0	MIN	0.000	AC-FT	6144					

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	---	---	---	---	---	---	0.00	16	14	35	31
2	16	---	---	---	---	---	---	0.00	17	16	35	32
3	16	---	---	---	---	---	---	0.00	24	25	35	34
4	16	---	---	---	---	---	---	0.00	24	26	35	36
5	16	---	---	---	---	---	---	0.00	24	27	36	37
6	16	---	---	---	---	---	---	0.00	24	26	37	36
7	11	---	---	---	---	---	---	0.00	24	26	36	36
8	0.00	---	---	---	---	---	---	0.00	11	26	36	33
9	---	---	---	---	---	---	---	0.00	1.8	27	37	28
10	---	---	---	---	---	---	---	0.00	0.00	30	36	26
11	---	---	---	---	---	---	---	0.00	0.00	29	36	26
12	---	---	---	---	---	---	0.00	0.00	0.00	29	36	23
13	---	---	---	---	---	---	0.00	0.00	0.00	29	35	23
14	---	---	---	---	---	---	0.00	0.00	0.00	27	35	24
15	---	---	---	---	---	---	0.00	0.00	0.00	30	36	24
16	---	---	---	---	---	---	0.00	0.00	0.00	34	39	26
17	---	---	---	---	---	---	0.00	0.00	0.00	32	38	26
18	---	---	---	---	---	---	0.00	0.00	0.00	34	39	24
19	---	---	---	---	---	---	0.00	0.00	0.00	34	36	25
20	---	---	---	---	---	---	0.00	0.00	0.00	35	35	26
21	---	---	---	---	---	---	0.00	0.00	0.00	35	35	17
22	---	---	---	---	---	---	0.00	0.00	0.00	34	35	6.9
23	---	---	---	---	---	---	0.00	0.00	0.00	35	35	0.76
24	---	---	---	---	---	---	0.00	0.00	19	34	34	0.00
25	---	---	---	---	---	---	0.00	0.00	20	34	34	0.00
26	---	---	---	---	---	---	0.00	0.00	21	34	32	0.00
27	---	---	---	---	---	---	0.00	0.00	20	34	31	0.00
28	---	---	---	---	---	---	0.00	0.00	20	34	31	0.00
29	---	---	---	---	---	---	0.00	0.00	19	35	30	0.00
30	---	---	---	---	---	---	0.00	0.00	17	35	30	---
31	---	---	---	---	---	---	---	6.8	---	35	30	---
TOTAL	107	0	0	0	0	0	0	6.8	301.8	935	1080	600.66
MEAN	13.4	---	---	---	---	---	0.000	0.22	10.1	30.1	34.8	20.7
MAX	16	---	---	---	---	---	0.00	6.8	24	35	39	37
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	14	30	0.00
AC-FT	212	0.00	0.00	0.00	0.00	0.00	0.00	13	599	1855	2142	1191
CAL YEAR 2009	MAX		35.0	MIN	0.000	AC-FT	7783					
WTR YEAR 2010	MAX		39.0	MIN	0.000	AC-FT	6012					

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, except estimated records are poor.

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 450 cubic feet per second August 1, gage height 5.50 feet; minimum daily discharge 22 cubic feet per second July 22.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	73	58	41	39	34	31	29	32	50	39	88	58
2	74	56	40	40	34	31	29	32	50	37	112	57
3	65	57	39	41	34	31	28	32	44	31	90	62
4	65	56	40	48	34	32	29	32	50	33	71	71
5	66	56	38	49e	33	32	29	33	53	34	44	71
6	63	58	38	52e	32	32	29	34	54	43	42	76
7	64	60	38	50e	32	32	28	33	88	123	41	82
8	65	61	39	43e	32	31	28	33	149	154	41	86
9	64	59	38	43e	31	31	29	33	50	153	41	91
10	64	55	37	43e	32	31	29	34	95	147	41	96
11	65	53	36	43e	31	31	28	36	61	150	42	96
12	63	53	36	46e	31	31	31	39	79	121	42	92
13	63	53	36	46e	31	31	34	41	72	80	40	92
14	63	52	39	46e	32	30	34	43	58	63	40	85
15	61	50	42	47e	32	30	36	40	54	48	42	87
16	60	49	42	47e	32	30	34	59	52	33	55	87
17	60	48	41	48e	31	30	34	41	49	25	66	86
18	60	47	41	48e	31	31	34	65	44	25	52	86
19	60	46	43	50e	31	31	33	98	44	26	53	87
20	59	45	45	50e	31	31	33	125	49	26	53	87
21	59	45	44	52e	31	30	33	133	48	25	51	84
22	59	45	42	54e	31	30	36	128	45	22	50	79
23	59	44	41	55e	30	31	39	132	46	24	48	74
24	59	44	41	58	33	30	36	172	45	26	49	77
25	59	44	41	46	33	30	35	130	59	27	50	74
26	57	43	42	44	37	30	34	86	68	27	51	71
27	58	43	41	40	35	30	33	80	66	29	52	67
28	62	42	40	38	32	30	33	55	58	28	52	65
29	59	42	40	36	---	30	33	48	32	30	52	59
30	58	41	40	34	---	30	32	47	39	30	54	55
31	59	---	40	33	---	29	---	48	---	30	55	---
TOTAL	1925	1505	1241	1409	903	950	962	1974	1751	1689	1660	2340
MEAN	62.2	50.2	39.9	45.4	32.2	30.8	32.0	63.6	58.4	54.5	53.5	78.0
MAX	74	61	45	58	37	32	39	172	149	154	112	96
MIN	57	41	36	33	30	29	28	32	32	22	40	55
AC-FT	3818	2985	2461	2795	1791	1884	1908	3915	3473	3350	3293	4641
CAL YEAR 2009	TOTAL		16636	MEAN	45.6	MAX	183.0	MIN	14.0	AC-FT	33000	
WTR YEAR 2010	TOTAL		18309	MEAN	50.2	MAX	172.0	MIN	22.0	AC-FT	36320	

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	67	---	---	---	---	---	---	0.00	26	45	84	76
2	62	---	---	---	---	---	---	0.00	27	56	81	67
3	61	---	---	---	---	---	---	0.00	27	66	79	54
4	61	---	---	---	---	---	---	0.00	35	67	80	49
5	57	---	---	---	---	---	---	0.00	38	69	83	53
6	52	---	---	---	---	---	---	0.00	38	67	84	53
7	44	---	---	---	---	---	---	0.00	47	65	80	55
8	39	---	---	---	---	---	---	0.00	53	65	74	57
9	37	---	---	---	---	---	---	0.00	48	64	70	56
10	37	---	---	---	---	---	---	0.00	48	61	70	54
11	38	---	---	---	---	---	---	0.00	47	59	71	51
12	39	---	---	---	---	---	0.00	0.00	46	59	73	53
13	39	---	---	---	---	---	0.00	0.00	40	56	73	57
14	38	---	---	---	---	---	0.00	0.00	31	50	74	54
15	33	---	---	---	---	---	0.00	0.00	29	53	74	56
16	28	---	---	---	---	---	0.00	0.00	30	72	77	57
17	28	---	---	---	---	---	0.00	0.00	38	83	77	62
18	28	---	---	---	---	---	0.00	0.00	54	82	75	58
19	26	---	---	---	---	---	0.00	0.00	85	78	80	64
20	0.00	---	---	---	---	---	0.00	0.00	110	74	72	70
21	0.00	---	---	---	---	---	0.00	0.00	112	80	66	57
22	---	---	---	---	---	---	0.00	0.00	101	88	63	59
23	---	---	---	---	---	---	0.00	2.2	94	89	61	57
24	---	---	---	---	---	---	0.00	14	72	88	56	60
25	---	---	---	---	---	---	0.00	5.3	60	87	58	61
26	---	---	---	---	---	---	0.00	11	65	85	56	48
27	---	---	---	---	---	---	0.00	12	64	84	55	20
28	---	---	---	---	---	---	0.00	13	54	84	64	2.7
29	---	---	---	---	---	---	0.00	12	49	84	69	0.00
30	---	---	---	---	---	---	0.00	22	39	84	72	0.00
31	---	---	---	---	---	---	---	26	---	85	75	---
TOTAL	814	0	0	0	0	0	0	117.5	1607	2229	2226	1520.7
MEAN	38.8	---	---	---	---	---	0.000	3.8	53.6	71.8	71.8	50.6
MAX	67	---	---	---	---	---	0.00	26	112	89	84	76
MIN	0.00	---	---	---	---	---	0.00	0.00	26	45	55	0.00
AC-FT	1615	0.00	0.00	0.00	0.00	0.00	0.00	233	3187	4421	4415	3016
CAL YEAR 2009	MAX	101.0	MIN	0.000	AC-FT	19390						
WTR YEAR 2010	MAX	112.0	MIN	0.000	AC-FT	16890						

NORTH PLATTE RIVER BASIN

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.

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 2,690 cubic feet per second June 10, gage height 10.17 feet; minimum daily discharge 12 cubic feet per second May 2.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	28	37	26	23	21	19	21	13	123	113	99	121
2	28	32	25	23	21	25	22	12	124	114	109	124
3	28	30	22	24	20	28	21	13	127	132	115	128
4	28	29	21	23	21	21	22	13	121	139	114	124
5	30	29	23	23	21	19	24	13	125	155	112	128
6	29	29	23	22	21	18	25	13	118	147	108	129
7	28	28	21	20	21	18	27	16	115	162	109	134
8	29	28	22	20	20	18	27	131	120	147	110	148
9	29	27	20	21	17	18	29	144	123	123	110	156
10	29	28	20	22	17	18	32	146	347	111	107	160
11	29	28	22	23	17	17	29	124	205	108	101	167
12	30	28	23	23	17	17	30	130	231	153	100	181
13	31	28	24	24	17	17	29	147	271	139	99	191
14	31	28	22	24	17	16	27	149	177	113	99	184
15	29	27	21	24	17	16	25	193	164	101	101	179
16	27	27	24	23	18	16	22	249	161	111	114	163
17	27	27	24	23	18	16	22	217	147	116	136	89
18	27	27	25	23	18	16	22	138	137	118	111	61
19	27	27	24	23	17	16	20	170	145	128	109	61
20	27	27	24	23	18	16	20	199	163	128	113	63
21	27	27	25	23	18	16	18	178	175	129	114	38
22	26	27	24	23	18	16	35	146	152	131	105	33
23	26	27	24	23	18	19	22	162	127	119	105	33
24	27	26	23	23	18	18	20	179	120	115	108	32
25	28	27	23	22	20	17	16	172	125	116	111	32
26	26	27	25	22	21	17	13	182	112	114	107	32
27	27	26	24	22	21	18	13	197	107	113	113	31
28	34	26	23	21	21	18	13	152	128	111	112	31
29	28	26	24	21	---	19	14	127	102	112	108	31
30	28	26	24	21	---	19	13	124	110	109	128	30
31	40	---	24	21	---	20	---	125	---	104	146	---
TOTAL	888	836	719	696	529	562	673	3974	4502	3831	3433	3014
MEAN	28.6	27.8	23.3	22.5	18.9	18.2	22.4	128.2	150.0	123.6	110.7	100.4
MAX	40	37	26	24	21	28	35	249	347	162	146	191
MIN	26	26	20	20	17	16	13	12	102	101	99	30
AC-FT	1761	1658	1426	1380	1049	1115	1335	7882	8930	7599	6809	5978
CAL YEAR 2009	TOTAL		20157	MEAN	55.2	MAX	219.0	MIN	14.0	AC-FT	39980	
WTR YEAR 2010	TOTAL		23657	MEAN	64.8	MAX	347.0	MIN	12.0	AC-FT	46920	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	---	---	---	---	---	---	63	33	74	91	76
2	33	---	---	---	---	---	---	61	45	83	83	85
3	25	---	---	---	---	---	---	58	56	87	80	85
4	24	---	---	---	---	---	---	50	52	91	80	85
5	25	---	---	---	---	---	---	32	52	74	79	82
6	24	---	---	---	---	---	---	49	51	59	78	80
7	31	---	---	---	---	---	---	53	47	55	80	80
8	30	---	---	---	---	---	---	59	29	59	84	80
9	31	---	---	---	---	---	---	53	26	61	85	80
10	30	---	---	---	---	---	---	53	26	66	83	83
11	18	---	---	---	---	---	---	54	14	69	81	76
12	0.00	---	---	---	---	---	---	36	16	68	80	69
13	---	---	---	---	---	---	0.00	36	11	70	79	64
14	---	---	---	---	---	---	0.00	37	11	75	77	60
15	---	---	---	---	---	---	0.00	38	12	75	79	59
16	---	---	---	---	---	---	17	36	29	76	80	62
17	---	---	---	---	---	---	29	35	33	76	79	66
18	---	---	---	---	---	---	30	33	38	76	79	61
19	---	---	---	---	---	---	31	23	44	75	78	59
20	---	---	---	---	---	---	42	30	48	74	78	60
21	---	---	---	---	---	---	58	32	52	74	77	53
22	---	---	---	---	---	---	63	29	54	75	79	47
23	---	---	---	---	---	---	40	27	48	75	77	44
24	---	---	---	---	---	---	37	28	48	73	77	42
25	---	---	---	---	---	---	39	35	49	77	79	39
26	---	---	---	---	---	---	38	29	59	91	82	36
27	---	---	---	---	---	---	37	32	63	90	90	32
28	---	---	---	---	---	---	37	35	69	88	92	29
29	---	---	---	---	---	---	42	37	74	91	94	26
30	---	---	---	---	---	---	63	36	75	100	94	21
31	---	---	---	---	---	---	---	36	---	98	83	---
TOTAL	312	0	0	0	0	0	603	1245	1264	2375	2537	1821
MEAN	25.9	---	---	---	---	---	33.5	40.1	42.2	76.6	81.9	60.7
MAX	41	---	---	---	---	---	63	63	75	100	94	85
MIN	0.00	---	---	---	---	---	0.00	23	11	55	77	21
AC-FT	619	0.00	0.00	0.00	0.00	0.00	1196	2469	2507	4711	5032	3612
CAL YEAR 2009	MAX	94.0	MIN	0.000	AC-FT	19990						
WTR YEAR 2010	MAX	100.0	MIN	0.000	AC-FT	20150						

NORTH PLATTE RIVER BASIN

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 fair, 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 7,540 cubic feet per second June 21, combined channel discharge; minimum daily discharge 358 cubic feet per second April 21, combined channel discharge.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	754	801	604	546	499	564	438	390	2910	4760	2780	2750
2	761	789	601	540	495	545	456	389	2930	4290	3050	2750
3	769	754	585	529	496	609	435	390	2940	4100	2960	2870
4	767	727	561	521	502	617	409	402	2880	4020	2990	3020
5	780	710	570	512	495	561	404	421	2820	4540	3110	3080
6	782	700	574	505	490	535	406	434	2790	4520	3160	2920
7	754	689	568	459	498	527	421	454	2790	4340	3180	2860
8	753	677	586	428	488	525	416	815	3060	4280	3190	2970
9	749	662	534	447	472	521	412	1030	2840	4200	3170	3210
10	746	663	530	456	470	515	406	1120	3160	4090	3230	3340
11	755	654	560	496	470	514	405	1200	3320	3980	3250	3420
12	778	653	580	540	469	506	410	1270	3480	3990	3210	3430
13	774	664	566	550	475	501	410	1290	4330	3820	3180	3490
14	786	663	563	547	475	495	399	1270	4570	3540	3180	3590
15	800	647	566	539	475	490	402	1280	4440	3310	3150	3710
16	791	639	541	535	470	486	377	1640	4450	3160	3180	3870
17	770	633	554	535	474	486	359	2050	4920	3020	3510	3950
18	765	639	576	532	486	486	364	2080	5360	2970	3640	3490
19	755	633	577	523	493	485	366	2260	6140	2940	3490	3410
20	760	622	565	513	486	481	370	2690	6820	2890	3490	3610
21	770	617	580	512	487	476	358	2850	7220	2890	3450	2890
22	757	620	579	520	480	482	369	2470	6900	2980	3390	2190
23	751	620	570	513	477	495	490	2430	6800	2880	3390	1840
24	755	608	566	509	481	506	472	2540	6290	2800	3280	1580
25	782	614	556	497	484	512	523	2590	5940	2790	3240	1450
26	762	612	536	508	509	502	494	2660	6030	2750	3010	1300
27	752	609	549	507	549	489	452	2830	6060	2720	2870	1180
28	826	601	548	496	591	482	441	2860	5900	2720	2750	1060
29	799	603	544	502	---	479	434	2820	5770	2760	2700	949
30	773	602	553	495	---	471	397	2740	5530	2760	2680	844
31	783	---	556	501	---	457	---	2850	---	2790	2680	---
TOTAL	23859	19725	17498	15813	13736	15800	12495	52515	139390	107600	97540	81023
MEAN	769.6	657.5	564.4	510.1	490.5	509.7	416.4	1694	4646	3470	3147	2700
MAX	826	801	604	550	591	617	523	2860	7220	4760	3640	3950
MIN	746	601	530	428	469	457	358	389	2790	2720	2680	844
AC-FT	47320	39120	34710	31360	27240	31340	24780	104200	276500	213400	193500	160700
CAL YEAR 2009	TOTAL		197266	MEAN	540.5	MAX	936.0	MIN	338.0	AC-FT	391300	
WTR YEAR 2010	TOTAL		596994	MEAN	1636	MAX	7220	MIN	358.0	AC-FT	1184000	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	---	---	---	---	---	---	0.00	35	33	30	35
2	22	---	---	---	---	---	---	0.00	49	30	42	32
3	19	---	---	---	---	---	---	0.00	48	28	49	30
4	19	---	---	---	---	---	---	0.00	47	26	47	31
5	19	---	---	---	---	---	---	0.00	51	21	46	30
6	17	---	---	---	---	---	---	0.00	56	20	46	26
7	16	---	---	---	---	---	---	0.00	44	19	46	24
8	17	---	---	---	---	---	---	0.00	36	19	46	24
9	17	---	---	---	---	---	---	0.00	24	18	45	26
10	15	---	---	---	---	---	---	0.00	23	19	49	27
11	0.00	---	---	---	---	---	---	5.7	20	19	48	31
12	0.00	---	---	---	---	---	---	10	19	18	41	38
13	---	---	---	---	---	---	0.00	13	19	18	38	38
14	---	---	---	---	---	---	0.00	13	19	23	39	36
15	---	---	---	---	---	---	0.00	19	18	23	40	37
16	---	---	---	---	---	---	0.00	23	17	23	39	33
17	---	---	---	---	---	---	0.00	7.4	17	36	39	35
18	---	---	---	---	---	---	0.00	7.3	17	30	37	32
19	---	---	---	---	---	---	0.00	8.5	16	28	31	28
20	---	---	---	---	---	---	0.00	11	16	29	33	33
21	---	---	---	---	---	---	0.00	8.8	16	23	33	19
22	---	---	---	---	---	---	0.00	9.4	21	19	33	21
23	---	---	---	---	---	---	0.00	9.9	37	26	34	24
24	---	---	---	---	---	---	0.00	11	46	38	35	23
25	---	---	---	---	---	---	0.00	12	47	35	34	21
26	---	---	---	---	---	---	0.00	16	44	36	33	12
27	---	---	---	---	---	---	0.00	15	40	29	32	17
28	---	---	---	---	---	---	0.00	16	37	32	32	25
29	---	---	---	---	---	---	0.00	17	34	33	34	25
30	---	---	---	---	---	---	0.00	25	33	32	39	24
31	---	---	---	---	---	---	---	31	---	29	36	---
TOTAL	179	0	0	0	0	0	0	289	946	812	1206	837
MEAN	14.9	---	---	---	---	---	0.000	9.3	31.5	26.2	38.8	27.9
MAX	22	---	---	---	---	---	0.00	31	56	38	49	38
MIN	0.00	---	---	---	---	---	0.00	0.00	16	18	30	12
AC-FT	355	0.00	0.00	0.00	0.00	0.00	0.00	573	1876	1611	2392	1660
CAL YEAR 2009	MAX	52.0	MIN	0.000	AC-FT	7923						
WTR YEAR 2010	MAX	56.0	MIN	0.000	AC-FT	8467						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	38	---	---	---	---	---	---	0.00	41	67	47	44
2	22	---	---	---	---	---	---	0.00	37	57	31	37
3	26	---	---	---	---	---	---	0.00	33	55	45	43
4	20	---	---	---	---	---	---	0.00	32	50	42	46
5	18	---	---	---	---	---	---	0.00	37	42	43	45
6	25	---	---	---	---	---	---	0.00	43	43	44	42
7	26	---	---	---	---	---	---	15	37	46	50	40
8	9.4	---	---	---	---	---	---	16	20	49	49	25
9	0.00	---	---	---	---	---	---	14	30	45	47	24
10	0.00	---	---	---	---	---	---	14	35	51	50	22
11	0.00	---	---	---	---	---	---	14	18	51	52	21
12	0.00	---	---	---	---	---	0.00	18	15	48	42	26
13	---	---	---	---	---	---	0.00	16	18	62	45	33
14	---	---	---	---	---	---	0.00	17	15	66	45	40
15	---	---	---	---	---	---	0.00	23	10	62	39	38
16	---	---	---	---	---	---	0.00	26	7.1	59	42	36
17	---	---	---	---	---	---	0.00	32	4.7	63	47	37
18	---	---	---	---	---	---	0.00	32	3.2	63	48	40
19	---	---	---	---	---	---	0.00	24	2.1	62	34	43
20	---	---	---	---	---	---	0.00	22	1.3	63	35	44
21	---	---	---	---	---	---	0.00	26	0.90	54	35	43
22	---	---	---	---	---	---	0.00	23	0.54	51	35	43
23	---	---	---	---	---	---	0.00	29	7.2	55	37	45
24	---	---	---	---	---	---	0.00	23	31	61	43	53
25	---	---	---	---	---	---	0.00	15	46	56	43	54
26	---	---	---	---	---	---	0.00	12	50	58	43	50
27	---	---	---	---	---	---	0.00	12	60	45	43	57
28	---	---	---	---	---	---	0.00	17	58	49	46	46
29	---	---	---	---	---	---	0.00	23	57	49	49	50
30	---	---	---	---	---	---	0.00	32	62	52	46	55
31	---	---	---	---	---	---	---	39	---	54	43	---
TOTAL	184.4	0	0	0	0	0	0	534	812.04	1688	1340	1222
MEAN	15.3	---	---	---	---	---	0.000	17.1	27.0	54.5	43.2	40.7
MAX	38	---	---	---	---	---	0.00	39	62	67	52	57
MIN	0.00	---	---	---	---	---	0.00	0.00	0.54	42	31	21
AC-FT	366	0.00	0.00	0.00	0.00	0.00	0.00	1059	1611	3348	2658	2424
CAL YEAR 2009	MAX	64.0	MIN	0.000	AC-FT	9928						
WTR YEAR 2010	MAX	67.0	MIN	0.000	AC-FT	11470						

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, except estimated records are poor.

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 503 cubic feet per second June 10, gage height 5.79 feet; minimum daily discharge 22 cubic feet per second May 8.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	85	86	76	65	58	56	49	46	53	71	111	155
2	100	83	75	64	57	58	51	47	78	84	150	156
3	94	81	74	65	57	59	49	47	78	84	141	152
4	99	78	74	64	59	57	48	46	87	94	145	146
5	105	76	75	65	58	56	48	41	118	145	141	144
6	91	75	75	64e	59	56	49	47	120	176	129	137
7	87	73	74	64e	59	56	49	35	112	190	124	142
8	92	73	75	64e	58	56	48	22	154	175	130	160
9	110	72	73	64e	57	56	47	25	137	166	131	168
10	113	73	75	64e	57	56	47	28	235	156	133	164
11	108	75	76	63e	57	56	47	34	248	159	131	158
12	109	77	75	63e	57	55	48	53	206	165	124	162
13	109	78	74	63e	57	55	48	52	216	148	124	168
14	108	78	73	62e	56	55	46	57	186	130	124	162
15	94	77	72	62e	55	55	46	60	111	125	135	157
16	95	77	72	62e	52	55	46	73	100	100	133	152
17	100	77	73	61	53	54	46	33	92	86	137	150
18	93	77	75	62	53	54	47	35	87	77	135	133
19	84	77	72	62	52	54	47	88	100	72	138	133
20	85	76	71	62	52	53	48	130	113	75	144	144
21	81	77	76	61	52	53	47	115	126	94	140	136
22	73	76	75	61	52	52	52	118	120	98	139	124
23	78	76	76	61	51	52	61	116	119	96	142	134
24	83	76	74	61	53	51	55	125	102	96	135	123
25	97	76	76	60	53	50	51	121	100	92	136	123
26	87	76	75	59	56	50	50	77	132	96	131	113
27	84	75	69	59	56e	49	49	72	123	90	128	101
28	93	75	65	58	56e	49	50	60	86	91	137	109
29	90	75	65	58	---	50	50	56	77	105	139	104
30	88	75	64	58	---	50	48	53	72	102	147	102
31	89	---	66	58	---	48	---	55	---	98	152	---
TOTAL	2904	2296	2260	1919	1552	1666	1467	1967	3688	3536	4186	4212
MEAN	93.7	76.6	73.0	61.9	55.5	53.7	48.9	63.4	122.9	114.2	135.1	140.5
MAX	113	86	76	65	59	59	61	130	248	190	152	168
MIN	73	72	64	58	51	48	46	22	53	71	111	101
AC-FT	5760	4554	4483	3806	3078	3304	2910	3901	7315	7014	8303	8354
CAL YEAR 2009	TOTAL		30867	MEAN	84.6	MAX	279.0	MIN	28.0	AC-FT	61220	
WTR YEAR 2010	TOTAL		31653	MEAN	86.7	MAX	248.0	MIN	22.0	AC-FT	62780	

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	---	---	---	---	---	---	0.00	29	6.7	24	25
2	21	---	---	---	---	---	---	0.00	50	9.0	30	26
3	21	---	---	---	---	---	---	0.00	50	9.7	28	25
4	22	---	---	---	---	---	---	0.00	51	10	28	24
5	15	---	---	---	---	---	---	0.00	51	13	28	24
6	3.6	---	---	---	---	---	---	0.00	50	11	26	23
7	34	---	---	---	---	---	---	0.00	49	6.4	26	23
8	34	---	---	---	---	---	---	0.00	49	2.5	27	26
9	0.00	---	---	---	---	---	---	0.00	31	2.7	27	24
10	0.00	---	---	---	---	---	---	8.5	13	3.3	28	23
11	0.00	---	---	---	---	---	---	4.0	11	3.8	27	22
12	0.00	---	---	---	---	---	0.00	10	9.8	4.3	27	24
13	0.00	---	---	---	---	---	0.00	11	12	9.9	27	22
14	0.00	---	---	---	---	---	0.00	11	8.9	12	27	22
15	0.00	---	---	---	---	---	0.00	10	11	11	27	23
16	0.00	---	---	---	---	---	0.00	11	12	11	25	23
17	---	---	---	---	---	---	0.00	10.0	11	11	26	24
18	---	---	---	---	---	---	0.00	11	8.0	12	26	23
19	---	---	---	---	---	---	0.00	15	8.9	12	27	26
20	---	---	---	---	---	---	0.00	16	9.7	14	27	26
21	---	---	---	---	---	---	0.00	13	9.3	15	26	24
22	---	---	---	---	---	---	0.00	12	8.5	15	27	22
23	---	---	---	---	---	---	0.00	13	8.5	19	27	24
24	---	---	---	---	---	---	0.00	14	8.7	23	25	26
25	---	---	---	---	---	---	0.00	12	9.5	25	26	29
26	---	---	---	---	---	---	0.00	12	11	28	26	27
27	---	---	---	---	---	---	0.00	14	10	28	26	29
28	---	---	---	---	---	---	0.00	16	8.6	25	26	33
29	---	---	---	---	---	---	0.00	20	8.5	22	24	32
30	---	---	---	---	---	---	0.00	20	8.4	24	23	32
31	---	---	---	---	---	---	---	22	---	24	24	---
TOTAL	167.6	0	0	0	0	0	0	285.5	616.3	423.3	818	756
MEAN	10.5	---	---	---	---	---	0.000	9.3	20.5	13.7	26.4	25.3
MAX	34	---	---	---	---	---	0.00	22	51	28	30	33
MIN	0.00	---	---	---	---	---	0.00	0.00	8.0	2.5	23	22
AC-FT	332	0.00	0.00	0.00	0.00	0.00	0.00	566	1222	840	1622	1500
CAL YEAR 2009	MAX		39.0	MIN	0.000	AC-FT	7094					
WTR YEAR 2010	MAX		51.0	MIN	0.000	AC-FT	6083					

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	61	26	---	---	---	---	---	41	0.00	78	76	79
2	59	26	---	---	---	---	---	38	0.00	76	68	79
3	56	26	---	---	---	---	---	44	0.00	74	72	80
4	54	25	---	---	---	---	---	44	0.00	74	79	80
5	53	25	---	---	---	---	---	48	0.00	77	79	79
6	55	24	---	---	---	---	---	56	0.00	77	80	76
7	57	24	---	---	---	---	---	55	0.00	76	68	75
8	57	24	---	---	---	---	---	59	0.00	75	75	71
9	54	23	---	---	---	---	---	64	0.00	75	71	68
10	55	23	---	---	---	---	---	59	0.00	74	71	67
11	56	0.00	---	---	---	---	---	50	0.00	70	71	66
12	56	0.00	---	---	---	---	---	51	0.00	62	71	64
13	52	0.00	---	---	---	---	0.00	52	0.00	63	71	53
14	47	0.00	---	---	---	---	0.00	49	0.00	68	69	49
15	34	0.00	---	---	---	---	0.00	42	0.00	67	67	48
16	24	0.00	---	---	---	---	0.00	0.00	0.00	67	67	46
17	25	---	---	---	---	---	0.00	0.00	0.00	66	66	47
18	24	---	---	---	---	---	0.00	0.00	0.00	66	67	48
19	24	---	---	---	---	---	0.00	0.00	0.00	67	66	47
20	24	---	---	---	---	---	0.00	0.00	31	66	65	47
21	25	---	---	---	---	---	0.00	0.00	32	66	66	46
22	24	---	---	---	---	---	0.00	0.00	35	66	68	43
23	24	---	---	---	---	---	0.00	0.00	39	71	68	40
24	24	---	---	---	---	---	0.00	0.00	57	67	68	38
25	25	---	---	---	---	---	0.00	0.00	78	60	68	35
26	25	---	---	---	---	---	0.00	0.00	79	60	68	40
27	25	---	---	---	---	---	0.00	0.00	80	62	68	42
28	26	---	---	---	---	---	0.00	0.00	80	64	68	38
29	26	---	---	---	---	---	0.00	0.00	80	69	72	36
30	25	---	---	---	---	---	0.00	0.00	79	77	80	34
31	25	---	---	---	---	---	---	0.00	---	76	81	---
TOTAL	1201	246	0	0	0	0	0	752	670	2156	2194	1661
MEAN	38.8	15.3	---	---	---	---	0.000	24.3	22.3	69.5	70.8	55.4
MAX	61	26	---	---	---	---	0.00	64	80	78	81	80
MIN	24	0.00	---	---	---	---	0.00	0.00	0.00	60	65	34
AC-FT	2382	488	0.00	0.00	0.00	0.00	0.00	1492	1329	4276	4352	3295
CAL YEAR 2009	MAX	81.0	MIN	0.000	AC-FT	18070						
WTR YEAR 2010	MAX	81.0	MIN	0.000	AC-FT	17610						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	22	---	---	---	---	---	11	15	29	2.9	27
2	16	21	---	---	---	---	---	11	21	31	3.0	30
3	17	21	---	---	---	---	---	11	22	32	3.2	31
4	18	20	---	---	---	---	---	10	23	32	6.3	31
5	20	20	---	---	---	---	---	11	18	37	5.8	32
6	18	21	---	---	---	---	---	13	12	31	6.2	30
7	15	12	---	---	---	---	---	14	16	4.7	7.2	28
8	15	0.00	---	---	---	---	---	21	18	5.9	5.1	28
9	12	0.00	---	---	---	---	9.2	22	16	8.2	7.4	27
10	9.5	0.00	---	---	---	---	9.2	22	9.8	9.1	8.6	28
11	9.4	0.00	---	---	---	---	9.4	20	19	12	9.3	26
12	11	0.00	---	---	---	---	9.5	27	8.6	10	7.7	24
13	15	0.00	---	---	---	---	9.5	26	6.3	7.0	8.2	25
14	14	0.00	---	---	---	---	9.5	24	5.3	11	8.8	27
15	11	0.00	---	---	---	---	9.4	25	0.00	16	11	26
16	8.7	0.00	---	---	---	---	9.6	25	0.00	16	9.9	25
17	9.4	---	---	---	---	---	9.6	23	0.00	16	11	25
18	18	---	---	---	---	---	9.7	24	0.00	18	11	24
19	19	---	---	---	---	---	9.9	26	0.00	17	19	25
20	19	---	---	---	---	---	10	13	0.00	18	19	24
21	19	---	---	---	---	---	10	2.2	4.0	22	13	20
22	20	---	---	---	---	---	12	2.1	5.2	21	9.1	17
23	19	---	---	---	---	---	16	2.0	5.9	19	6.6	17
24	19	---	---	---	---	---	14	1.9	7.6	21	11	19
25	19	---	---	---	---	---	12	1.8	6.8	22	14	20
26	19	---	---	---	---	---	11	1.7	9.3	22	16	17
27	21	---	---	---	---	---	11	5.6	14	15	18	17
28	22	---	---	---	---	---	11	13	26	1.3	19	18
29	20	---	---	---	---	---	11	14	26	3.6	20	17
30	19	---	---	---	---	---	11	14	28	2.2	23	16
31	22	---	---	---	---	---	---	14	---	2.8	25	---
TOTAL	510	137	0	0	0	0	233.5	451.3	342.8	512.8	345.3	721
MEAN	16.5	8.5	---	---	---	---	10.6	14.5	11.4	16.6	11.1	24.0
MAX	22	22	---	---	---	---	16	27	28	37	25	32
MIN	8.7	0.00	---	---	---	---	9.2	1.7	0.00	1.3	2.9	16
AC-FT	1012	272	0.00	0.00	0.00	0.00	463	895	680	1017	685	1430
CAL YEAR 2009	MAX	37.0	MIN	0.000	AC-FT	8349						
WTR YEAR 2010	MAX	37.0	MIN	0.000	AC-FT	6454						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.9	8.4	---	---	---	---	---	6.9	5.4	19	38	38
2	5.0	6.6	---	---	---	---	---	12	4.1	30	41	37
3	6.3	6.5	---	---	---	---	---	11	5.6	25	43	39
4	7.3	6.2	---	---	---	---	---	9.8	7.8	7.7	42	36
5	6.9	6.4	---	---	---	---	---	7.9	11	11	41	34
6	7.0	6.6	---	---	---	---	---	15	16	11	41	34
7	7.8	6.2	---	---	---	---	---	8.4	12	11	38	34
8	6.9	6.3	---	---	---	---	---	8.5	13	11	36	33
9	7.0	6.3	---	---	---	---	0.00	8.3	2.9	5.5	36	32
10	7.5	6.5	---	---	---	---	0.00	9.2	0.00	0.00	37	29
11	7.5	4.8	---	---	---	---	0.00	9.2	0.00	0.00	37	29
12	7.5	0.00	---	---	---	---	0.00	12	0.00	0.00	36	30
13	5.6	0.00	---	---	---	---	0.00	13	0.00	0.00	37	25
14	6.0	0.00	---	---	---	---	0.00	11	0.00	4.0	35	15
15	6.4	0.00	---	---	---	---	0.00	11	5.1	6.4	34	13
16	7.3	0.00	---	---	---	---	0.00	12	11	10	33	14
17	7.6	---	---	---	---	---	0.00	11	11	12	30	15
18	6.4	---	---	---	---	---	0.00	12	11	11	28	13
19	6.5	---	---	---	---	---	0.00	9.1	11	12	26	13
20	7.1	---	---	---	---	---	0.00	0.00	11	19	24	14
21	6.0	---	---	---	---	---	0.00	0.00	11	21	28	12
22	6.0	---	---	---	---	---	0.00	0.00	11	25	30	10
23	6.5	---	---	---	---	---	0.00	0.00	11	27	30	11
24	6.6	---	---	---	---	---	0.00	0.00	10.0	28	30	11
25	7.5	---	---	---	---	---	0.00	0.00	12	29	31	8.8
26	6.0	---	---	---	---	---	0.00	0.00	19	30	31	11
27	6.0	---	---	---	---	---	0.00	2.9	17	35	32	17
28	7.4	---	---	---	---	---	0.00	6.7	17	36	33	15
29	7.6	---	---	---	---	---	0.00	6.4	19	40	35	15
30	7.4	---	---	---	---	---	0.00	5.3	19	42	33	16
31	8.1	---	---	---	---	---	---	5.6	---	38	34	---
TOTAL	206.6	70.8	0	0	0	0	0	224.2	283.9	556.6	1060	653.8
MEAN	6.7	4.4	---	---	---	---	0.000	7.2	9.4	18.1	34.2	21.8
MAX	8.1	8.4	---	---	---	---	0.00	15	19	42	43	39
MIN	1.9	0.00	---	---	---	---	0.00	0.00	0.00	0.00	24	8.8
AC-FT	410	140	0.00	0.00	0.00	0.00	0.00	445	563	1104	2102	1297
CAL YEAR 2009	MAX	51.0	MIN	0.000	AC-FT	7558						
WTR YEAR 2010	MAX	43.0	MIN	0.000	AC-FT	6061						

NORTH PLATTE RIVER BASIN

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 198 cubic feet per second June 11, gage height 3.72 feet; minimum daily discharge 0.97 cubic foot per second May 5.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	10	17	13	13	17	13	1.1	7.8	12	49	46
2	21	9.1	16	13	13	20	14	1.1	9.6	15	50	51
3	22	8.2	16	14	15	19	12	1.1	10	16	51	49
4	23	7.2	15	13	19	17	11	1.0	11	16	60	47
5	25	7.1	16	13	18	16	6.9	0.97	25	33	57	55
6	24	7.6	16	15	18	16	2.9	1.0	30	45	59	46
7	22	16	16	14e	19	16	2.2	1.1	30	115	61	43
8	23	17e	15e	13e	17	16	1.8	2.2	24	66	55	44
9	20	17e	16e	12	16	17	1.7	2.4	48	43	63	42
10	18	18e	16e	12	19	17	1.4	2.0	81	34	68	47
11	19	18e	16e	12	21	17	1.3	1.4	132	31	70	42
12	20	17e	16	13	15	16	1.2	7.4	87	34	63	40
13	23	18e	16	13e	15	16	1.2	5.3	81	31	66	43
14	24	18e	16	13e	13	17	1.4	3.3	97	29	69	49
15	22	18e	15	14e	12	17	1.3	4.4	72	30	80	50
16	21	18e	16	15e	15	14	1.1	4.1	51	29	76	49
17	14	18	16	15e	15	13	1.1	2.3	36	28	83	49
18	5.1	18	16	14	14	13	1.1	2.3	30	31	67	48
19	5.7	18	16	13	12	13	1.1	5.5	26	26	54	51
20	5.2	17	16	13	11	13	1.1	17	23	26	50	49
21	4.9	18	16e	13	10.0	12	1.1	24	42	33	48	43
22	5.9	18	15e	13	12	13	1.3	25	37	30	48	39
23	4.6	18	15e	13	9.9	13	1.6	19	30	24	48	39
24	4.7	17	15e	13	11	13	1.5	19	24	27	57	42
25	4.6	18	15e	13	13	14	1.2	17	22	27	58	43
26	4.6	17	15e	13e	16	14	1.2	22	26	26	57	38
27	5.5	17	15	13e	24	13	1.2	15	21	31	54	37
28	8.6	17	14	13e	22	13	1.2	8.8	9.7	48	47	39
29	7.0	17	14	13e	---	13	1.1	8.5	9.1	53	45	39
30	6.6	17	14	13	---	13	1.1	8.1	10	48	49	37
31	10	---	14	13	---	13	---	7.6	---	50	48	---
TOTAL	446	469.2	480	410	427.9	464	91.3	240.97	1142.2	1087	1810	1336
MEAN	14.4	15.6	15.5	13.2	15.3	14.9	3.1	7.8	38.1	35.0	58.4	44.6
MAX	25	18	17	15	24	20	14	25	132	115	83	55
MIN	4.6	7.1	14	12	9.9	12	1.1	0.97	7.8	12	45	37
AC-FT	885	931	952	813	849	920	181	478	2266	2156	3590	2650
CAL YEAR 2009 TOTAL			6715	MEAN	18.4	MAX	111.0	MIN	0.81	AC-FT	13320	
WTR YEAR 2010 TOTAL			8405	MEAN	23.0	MAX	132.0	MIN	0.97	AC-FT	16670	

e indicates estimated discharge.

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 estimated records are poor.

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 638 cubic feet per second June 9, gage height 8.38 feet; minimum daily discharge 27 cubic feet per second May 3.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	92	89	63	60	52	52	51	36	163	149	86	178
2	84	87	62	59	52	59	54	29	160	151	96	176
3	79	86	60	58	51	58	55	27	152	196	118	196
4	79	85	56	58	52	55	51	30	157	230	120	199
5	80	84	60	59	51	54	50	33	148	267	118	193
6	78	84	60	58e	51	53	54	34	144	268	122	201
7	77	79	58	57e	51	53	57	35	165	296	124	201
8	76	72	60	56e	51	52	58	36	199	275	114	192
9	74	69	59e	56e	49	52	59	38	276	270	106	193
10	74	69	59e	55	50	52	60	38	305	252	102	184
11	75	69	60e	56	50	52	60	31	277	230	103	190
12	77	71	62	58	50	50	57	46	208	242	98	208
13	72	71	63	59	50	50	55	47	282	214	100	231
14	75	72	62	58	49	50	58	40	235	197	98	238
15	77	72	61e	58	49	50	56	41	204	202	104	235
16	77	71	63	57	48	49	54	59	207	195	118	240
17	74	71	62	57	49	49	54	49	198	179	128	243
18	72	71	62	57	50	49	53	40	190	162	125	247
19	73	70	62	57	50	49	52	100	183	155	125	245
20	74	70	61	57	49	49	52	186	147	134	127	263
21	74	71	62	56	49	47	42	113	106	124	126	261
22	71	69	62	57	48	43	45	116	98	120	133	253
23	72	68	62	56	47	44	54	132	97	118	130	243
24	71	67	61	55	48	44	53	141	95	117	127	235
25	72	67	60	54	49	45	51	136	127	108	132	227
26	67	66	62	53	53	45	44	148	247	92	143	220
27	69	65	61	53	62	45	46	165	239	88	154	224
28	75	64	60	53	59	45	47	168	216	78	156	221
29	76	63	61	52	---	46	46	162	190	78	160	224
30	78	63	60	53	---	47	45	156	165	90	159	226
31	90	---	60	53	---	49	---	160	---	82	161	---
TOTAL	2354	2175	1886	1745	1419	1537	1573	2572	5580	5359	3813	6587
MEAN	76.0	72.4	60.8	56.3	50.7	49.5	52.4	83.0	186.0	172.9	123.0	219.7
MAX	92	89	63	60	62	59	60	186	305	296	161	263
MIN	67	63	56	52	47	43	42	27	95	78	86	176
AC-FT	4669	4314	3741	3461	2815	3049	3120	5101	11070	10630	7563	13070
CAL YEAR 2009 TOTAL			31181	MEAN	85.4	MAX	319.0	MIN	20.0	AC-FT	61850	
WTR YEAR 2010 TOTAL			36600	MEAN	100.3	MAX	305.0	MIN	27.0	AC-FT	72600	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	70	---	---	---	---	---	---	53	49	85	91	90
2	65	---	---	---	---	---	---	59	47	88	90	85
3	65	---	---	---	---	---	---	58	46	89	88	85
4	59	---	---	---	---	---	---	56	46	38	87	87
5	50	---	---	---	---	---	---	56	48	2.5	87	88
6	47	---	---	---	---	---	---	57	54	2.0	87	87
7	46	---	---	---	---	---	---	58	57	2.0	85	85
8	49	---	---	---	---	---	---	59	56	1.7	85	86
9	49	---	---	---	---	---	0.00	64	55	33	85	91
10	50	---	---	---	---	---	65	65	56	51	80	91
11	51	---	---	---	---	---	62	62	54	49	73	90
12	29	---	---	---	---	---	62	64	53	49	74	88
13	0.00	---	---	---	---	---	62	59	49	71	76	87
14	---	---	---	---	---	---	61	56	44	88	73	86
15	---	---	---	---	---	---	60	55	57	91	73	87
16	---	---	---	---	---	---	68	56	53	93	75	89
17	---	---	---	---	---	---	73	58	47	89	78	87
18	---	---	---	---	---	---	66	59	45	87	78	85
19	---	---	---	---	---	---	65	62	45	88	80	87
20	---	---	---	---	---	---	65	61	46	88	80	90
21	---	---	---	---	---	---	64	54	55	92	88	82
22	---	---	---	---	---	---	64	48	47	96	86	73
23	---	---	---	---	---	---	79	42	55	95	86	71
24	---	---	---	---	---	---	81	42	73	92	89	73
25	---	---	---	---	---	---	78	43	87	91	90	61
26	---	---	---	---	---	---	63	40	81	91	90	57
27	---	---	---	---	---	---	50	45	81	91	90	67
28	---	---	---	---	---	---	46	52	85	91	90	70
29	---	---	---	---	---	---	49	51	88	91	90	66
30	---	---	---	---	---	---	51	47	87	91	92	69
31	---	---	---	---	---	---	---	47	---	91	93	---
TOTAL	630	0	0	0	0	0	1334	1688	1746	2197.2	2609	2440
MEAN	48.5	---	---	---	---	---	60.7	54.5	58.1	70.8	84.1	81.4
MAX	70	---	---	---	---	---	81	65	88	96	93	91
MIN	0.00	---	---	---	---	---	0.00	40	44	1.7	73	57
AC-FT	1250	0.00	0.00	0.00	0.00	0.00	2646	3348	3463	4358	5175	4840
CAL YEAR 2009	MAX	107.0	MIN	0.000	AC-FT	27740						
WTR YEAR 2010	MAX	96.0	MIN	0.000	AC-FT	25080						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.3	1.2	---	---	---	---	---	1.2	2.4	2.3	1.1	2.6
2	2.4	1.2	---	---	---	---	---	1.2	2.4	2.2	1.4	4.0
3	2.3	1.3	---	---	---	---	---	1.2	2.2	2.2	2.6	4.7
4	2.0	1.3	---	---	---	---	---	1.1	2.2	5.1	2.4	3.0
5	1.9	1.5	---	---	---	---	---	1.1	1.8	9.6	1.7	2.3
6	1.7	1.8	---	---	---	---	---	1.2	1.8	9.1	1.6	1.8
7	1.7	1.7	---	---	---	---	---	1.2	4.1	9.1	2.5	1.3
8	1.6	1.6	---	---	---	---	---	1.2	2.8	8.6	2.9	1.0
9	1.6	1.5	---	---	---	---	---	1.2	2.4	5.7	1.9	0.80
10	1.6	1.4	---	---	---	---	---	1.2	2.0	2.1	1.7	0.65
11	1.7	---	---	---	---	---	---	1.3	2.3	1.8	1.9	0.53
12	1.8	---	---	---	---	---	---	1.3	3.6	1.5	1.4	0.39
13	1.8	---	---	---	---	---	1.9	1.4	3.4	1.9	1.8	0.31
14	1.8	---	---	---	---	---	1.7	1.4	3.2	2.1	2.5	0.30
15	1.7	---	---	---	---	---	2.7	1.6	2.1	2.2	2.2	0.36
16	1.7	---	---	---	---	---	2.6	1.7	2.0e	2.3	3.0	0.32
17	1.6	---	---	---	---	---	2.5	1.9	2.0e	2.5	3.2	0.36
18	1.6	---	---	---	---	---	2.7	2.1	2.0e	2.7	1.7	0.51
19	1.5	---	---	---	---	---	2.1	2.4	2.0e	2.3	2.1	0.36
20	1.5	---	---	---	---	---	2.7	2.7	2.0e	2.0	1.5	0.22
21	1.4	---	---	---	---	---	2.3	2.6	2.0e	3.1	2.1	0.28
22	1.4	---	---	---	---	---	1.8	2.5	2.0e	3.0	2.3	0.40
23	1.3	---	---	---	---	---	1.6	2.5	2.1e	1.8	2.4	0.32
24	1.3	---	---	---	---	---	1.5	2.6	2.0e	1.2	3.4	0.33
25	1.3	---	---	---	---	---	1.4	2.5	2.0e	1.7	3.8	0.26
26	1.2	---	---	---	---	---	1.3	2.5	2.0e	1.8	3.6	0.27
27	1.2	---	---	---	---	---	1.3	2.5	2.9	1.6	3.4	0.24
28	1.2	---	---	---	---	---	1.2	2.3	5.5	1.4	5.1	0.23
29	1.1	---	---	---	---	---	1.2	2.2	2.9	1.3	3.4	0.22
30	1.1	---	---	---	---	---	1.2	2.3	2.3	1.2	3.1	0.33
31	1.1	---	---	---	---	---	---	2.3	---	1.1	4.9	---
TOTAL	49.4	14.5	0	0	0	0	33.7	56.4	74.4	96.5	78.6	28.69
MEAN	1.6	1.5	---	---	---	---	1.9	1.8	2.5	3.1	2.5	0.96
MAX	2.4	1.8	---	---	---	---	2.7	2.7	5.5	9.6	5.1	4.7
MIN	1.1	1.2	---	---	---	---	1.2	1.1	1.8	1.1	1.1	0.22
AC-FT	98	29	0.00	0.00	0.00	0.00	67	112	148	191	156	57

CAL YEAR 2009 MAX 9.8 MIN 0.010 AC-FT 929
 WTR YEAR 2010 MAX 9.6 MIN 0.22 AC-FT 857

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	---	---	---	---	---	---	0.47	5.1	11	9.8	4.7
2	29	---	---	---	---	---	---	0.51	4.4	1.3	9.8	6.6
3	27	---	---	---	---	---	---	0.49	5.0	0.73	9.7	6.5
4	28	---	---	---	---	---	---	0.41	6.4	0.39	9.7	6.5
5	28	---	---	---	---	---	---	0.37	6.3	0.22	9.5	6.5
6	28	---	---	---	---	---	---	0.37	7.4	0.15	9.4	6.4
7	27	---	---	---	---	---	---	0.36	8.7	0.14	9.4	6.4
8	27	---	---	---	---	---	---	0.34	7.8	0.11	9.4	6.4
9	28	---	---	---	---	---	0.00	0.32	7.1	0.97	9.1	6.4
10	28	---	---	---	---	---	1.3	0.31	7.2	1.6	8.8	6.5
11	28	---	---	---	---	---	1.1	7.3	7.2	1.5	8.5	6.5
12	16	---	---	---	---	---	1.1	13	8.7	1.4	8.5	6.4
13	0.00	---	---	---	---	---	1.1	15	10	1.6	8.4	6.4
14	---	---	---	---	---	---	1.0	17	11	1.7	7.9	6.4
15	---	---	---	---	---	---	1.0	19	9.5	1.8	7.3	10
16	---	---	---	---	---	---	1.00	22	8.1	1.7	6.8	16
17	---	---	---	---	---	---	0.98	25	9.2	1.7	6.2	16
18	---	---	---	---	---	---	0.95	14	12	1.7	5.7	16
19	---	---	---	---	---	---	0.93	2.0	11	1.6	5.2	16
20	---	---	---	---	---	---	0.91	4.5	9.9	1.6	4.7	16
21	---	---	---	---	---	---	0.89	4.8	10	7.8	4.7	7.9
22	---	---	---	---	---	---	0.86	4.6	10	11	4.7	2.0
23	---	---	---	---	---	---	0.98	5.8	12	10	7.7	4.6
24	---	---	---	---	---	---	1.00	6.7	16	9.9	14	6.4
25	---	---	---	---	---	---	0.98	7.8	16	9.9	15	6.3
26	---	---	---	---	---	---	0.79	7.9	14	10	14	6.2
27	---	---	---	---	---	---	0.62	7.2	14	10	11	6.2
28	---	---	---	---	---	---	0.53	5.9	15	10	6.6	6.2
29	---	---	---	---	---	---	0.46	5.1	17	10.0	6.6	6.2
30	---	---	---	---	---	---	0.47	5.5	17	10.0	3.4	6.2
31	---	---	---	---	---	---	---	5.4	---	10.0	1.5	---
TOTAL	328	0	0	0	0	0	18.95	209.45	303	141.51	253	236.8
MEAN	25.2	---	---	---	---	---	0.86	6.8	10.1	4.6	8.2	7.9
MAX	34	---	---	---	---	---	1.3	25	17	11	15	16
MIN	0.00	---	---	---	---	---	0.00	0.31	4.4	0.11	1.5	2.0
AC-FT	651	0.00	0.00	0.00	0.00	0.00	38	415	601	281	502	470
CAL YEAR 2009	MAX	52.0	MIN	0.000	AC-FT	5118						
WTR YEAR 2010	MAX	34.0	MIN	0.000	AC-FT	2957						

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 and discharges above 2,000 cubic feet per second 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.--Estimated peak discharge 9,090 cubic feet per second June 9, combined flow for both channels; minimum daily discharge 450 cubic feet per second estimated December 26 & 27, combined flow for both channels.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	756	1020	830	560e	681	702	618	576	2780	4940e	2750	2990
2	773	1020	784	555e	686	695	625	565	2740	4530e	3030	3020
3	790	981	712	555e	667	714	605	554	2780	4420e	2980	3110
4	814	955	648	557e	686	742	592	572	2830	4420e	3070	3200
5	894	937	651	750e	685	740	600	589	2890	5020e	3050	3290
6	920	938	701	700e	677	708	589	595	2930	5080e	3100	3200
7	926	938	626	600e	675	717	608	591	3090	4970e	3030	3040
8	918	982	600e	500e	680	722	633	594	3380	4810e	2900	3010
9	904	968	550e	550e	658	718	627	738	4020	4660e	2780	3070
10	912	969	550e	600e	637	706	603	840	4190	4510e	2740	3030
11	921	963	550e	650e	638	688	575	902	5270	4420e	2660	3100
12	963	971	530e	750e	628	678	554	1040	5010	4400e	2640	3250
13	1010	970	530e	800e	624	690	545	1140	5450	4170e	2580	3530
14	1010	978	530e	800e	601	690	541	1170	6060	3850e	2610	3780
15	1000	977	550e	820e	583	700	529	1190	4920e	3620e	2660	3830
16	1040	968	550e	820e	602	728	543	1490	4870e	3340	2760	3790
17	1060	946	600e	863	618	761	546	2000	5300e	3010	2980	3990
18	1040	931	600e	823	622	772	545	2560	5630e	2820	3120	3770
19	1010	906	650e	772	629	778	539	2690	6380e	2740	3080	3560
20	984	891	650e	726	648	782	539	3210	7000e	2690	3050	3640
21	975	870	700e	701	660	761	526	3590	7430e	2610	3070	3540
22	958	854	750	685	651	746	530	3320	7070e	2580	3030	2870
23	980	848	754	673	617	741	582	2980	6910e	2540	3010	2430
24	1000	858	700e	680	607	736	603	3030	6380e	2490	2970	2110
25	1060	923	500e	711	596	716	594	3150	6130e	2550	2960	1870
26	1060	950	450e	766	604	686	640	3050	6260e	2610	2900	1650
27	1050	944	450e	740	648	663	677	3090	6240e	2610	2840	1440
28	1090	931	500e	741	700	640	658	3050	6010e	2660	2740	1300
29	1120	913	550e	720	---	659	650	2900	5860e	2750	2730	1210
30	1090	876	560e	692	---	650	609	2720	5690e	2750	2790	1140
31	1040	---	570e	674	---	632	---	2700	---	2710	2880	---
TOTAL	30068	28176	18876	21534	18008	22061	17625	57186	151500	111280	89490	86760
MEAN	970.2	939.2	608.9	694.6	643.1	711.6	587.5	1845	5050	3589	2886	2891
MAX	1120	1020	830	863	700	782	677	3590	7430	5080	3120	3990
MIN	756	848	450	500	583	632	526	554	2740	2490	2580	1140
AC-FT	59640	55890	37440	42710	35720	43760	34960	113400	300500	220700	177500	172100
CAL YEAR 2009	TOTAL		273205	MEAN	748.5	MAX	1600	MIN	450.0	AC-FT	541900	
WTR YEAR 2010	TOTAL		652564	MEAN	1788	MAX	7430	MIN	450.0	AC-FT	1294000	

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	---	---	---	---	---	---	0.00	28	89	67	63
2	19	---	---	---	---	---	---	0.00	28	94	75	63
3	8.5	---	---	---	---	---	---	0.00	24	72	78	62
4	0.00	---	---	---	---	---	---	0.00	22	3.2	80	62
5	0.00	---	---	---	---	---	---	0.00	22	8.2	78	58
6	0.00	---	---	---	---	---	---	0.00	21	24	74	53
7	---	---	---	---	---	---	---	0.00	21	22	74	48
8	---	---	---	---	---	---	---	0.00	15	22	74	47
9	---	---	---	---	---	---	---	5.0	18	30	75	48
10	---	---	---	---	---	---	---	33	14	54	72	46
11	---	---	---	---	---	---	---	16	14	59	61	41
12	---	---	---	---	---	---	---	15	0.44	60	59	39
13	---	---	---	---	---	---	0.00	14	0.37	72	55	36
14	---	---	---	---	---	---	0.00	15	5.2	81	54	32
15	---	---	---	---	---	---	0.00	17	13	82	56	29
16	---	---	---	---	---	---	0.00	20	13	76	58	26
17	---	---	---	---	---	---	0.00	20	12	76	55	24
18	---	---	---	---	---	---	0.00	17	15	78	46	23
19	---	---	---	---	---	---	0.00	18	16	73	39	22
20	---	---	---	---	---	---	0.00	19	20	66	41	25
21	---	---	---	---	---	---	0.00	18	25	65	48	26
22	---	---	---	---	---	---	0.00	17	26	70	65	24
23	---	---	---	---	---	---	0.00	19	25	69	73	21
24	---	---	---	---	---	---	0.00	20	26	68	72	17
25	---	---	---	---	---	---	0.00	20	31	68	72	17
26	---	---	---	---	---	---	0.00	17	39	66	67	16
27	---	---	---	---	---	---	0.00	19	45	63	60	20
28	---	---	---	---	---	---	0.00	24	63	66	59	41
29	---	---	---	---	---	---	0.00	27	66	70	63	51
30	---	---	---	---	---	---	0.00	27	73	67	70	44
31	---	---	---	---	---	---	---	27	---	64	68	---
TOTAL	46.5	0	0	0	0	0	0	444	741.01	1877.4	1988	1124
MEAN	7.7	---	---	---	---	---	0.000	14.3	24.6	60.7	64.1	37.5
MAX	19	---	---	---	---	---	0.00	33	73	94	80	63
MIN	0.00	---	---	---	---	---	0.00	0.00	0.37	3.2	39	16
AC-FT	92	0.00	0.00	0.00	0.00	0.00	0.00	881	1470	3724	3943	2229
CAL YEAR 2009	MAX		83.0	MIN	0.000	AC-FT	11000					
WTR YEAR 2010	MAX		94.0	MIN	0.000	AC-FT	12340					

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 2010

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2010.

CAL YEAR 2009	TOTAL	102	MEAN	0.53	MAX	4.0	MIN	0.000	AC-FT	202
WTR YEAR 2010	TOTAL	0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00

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 2010

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO WATER WAS DIVERTED IN 2010.

CAL YEAR 2009	TOTAL	6	MEAN	0.053	MAX	1.0	MIN	0.000	AC-FT	11
WTR YEAR 2010	TOTAL	0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	0.00	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	---	---	---	---	---	---	---	0.000	---	---	---	---
MAX	---	---	---	---	---	---	---	0.00	---	---	---	---
MIN	---	---	---	---	---	---	---	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 2009	MAX	4.4	MIN	0.000	AC-FT	130						
WTR YEAR 2010	MAX	0.000	MIN	0.000	AC-FT	0.00						

NORTH PLATTE RIVER BASIN

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	9.6	1.4	3.5
2	---	---	---	---	---	---	---	---	---	10	0.67	3.5
3	---	---	---	---	---	---	---	---	---	10	2.1	3.3
4	---	---	---	---	---	---	---	---	---	11	5.4	3.4
5	---	---	---	---	---	---	---	---	---	7.4	3.8	3.5
6	---	---	---	---	---	---	---	---	---	1.7	4.5	3.4
7	---	---	---	---	---	---	---	---	---	3.5	5.2	3.2
8	---	---	---	---	---	---	---	---	---	0.03	3.8	3.4
9	---	---	---	---	---	---	---	---	---	0.22	4.1	3.6
10	---	---	---	---	---	---	---	---	---	0.15	3.9	3.3
11	---	---	---	---	---	---	---	---	---	0.09	5.0	3.3
12	---	---	---	---	---	---	---	---	---	3.1	6.0	1.9
13	---	---	---	---	---	---	---	---	---	12	6.0	0.17
14	---	---	---	---	---	---	---	---	---	12	5.9	0.00
15	---	---	---	---	---	---	---	---	---	12	5.8	0.00
16	---	---	---	---	---	---	---	---	---	12	5.9	0.00
17	---	---	---	---	---	---	---	---	---	12	4.9	0.00
18	---	---	---	---	---	---	---	---	---	12	4.0	0.00
19	---	---	---	---	---	---	---	---	---	7.5	3.8	0.00
20	---	---	---	---	---	---	---	---	---	2.9	3.9	0.00
21	---	---	---	---	---	---	---	---	---	---	3.7	0.00
22	---	---	---	---	---	---	---	---	---	---	3.8	0.00
23	---	---	---	---	---	---	---	---	---	2.9	3.6	0.03
24	---	---	---	---	---	---	---	---	---	2.8	3.3	0.10
25	---	---	---	---	---	---	---	---	---	2.9	3.4	0.09
26	---	---	---	---	---	---	---	---	---	---	3.6	0.16
27	---	---	---	---	---	---	---	---	8.3	---	3.6	0.15
28	---	---	---	---	---	---	---	---	8.4	---	3.6	---
29	---	---	---	---	---	---	---	---	8.6	1.1	3.6	---
30	---	---	---	---	---	---	---	---	9.3	0.65	3.7	---
31	---	---	---	---	---	---	---	---	---	0.68	3.5	---
TOTAL	0	0	0	0	0	0	0	0	34.6	150.22	125.47	40
MEAN	---	---	---	---	---	---	---	---	8.6	5.8	4.0	1.5
MAX	---	---	---	---	---	---	---	---	9.3	12	6.0	3.6
MIN	---	---	---	---	---	---	---	---	8.3	0.03	0.67	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69	298	249	79
CAL YEAR 2009	MAX	12.0	MIN	0.000	AC-FT	644						
WTR YEAR 2010	MAX	12.0	MIN	0.000	AC-FT	695						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.77	0.00
2	---	---	---	---	---	---	---	0.00	0.00	1.8	0.73	0.00
3	---	---	---	---	---	---	---	0.00	0.00	3.3	0.00	0.73
4	---	---	---	---	---	---	---	0.00	0.00	0.09	0.00	2.9
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.7
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.8
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.9
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.7
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.6
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.9
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.6
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	0.75	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	4.2	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	4.0	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	3.3	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	2.1	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	1.8	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	1.8	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	1.8	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	1.9	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	2.1	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	1.9	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	42.24	1.5	21.83
MEAN	---	---	---	---	---	---	0.000	0.000	0.000	1.4	0.048	0.73
MAX	---	---	---	---	---	---	0.00	0.00	0.00	4.2	0.77	2.9
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	84	3.0	43
CAL YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2010	MAX	4.2	MIN	0.000	AC-FT	130						

NORTH PLATTE RIVER BASIN

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 good, except records below 5 cubic feet per second are fair and estimated records and records below 1 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 90 cubic feet per second September 29, gage height 3.51 feet; minimum daily discharge 0.62 cubic feet per second September 7.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.0e	7.8	5.5	5.0e	6.0e	8.0e	5.5	11	8.3	1.3	8.7	3.2
2	4.0e	8.0	5.0e	5.0e	6.0e	10e	7.1	10	11	0.70	8.4	2.4
3	4.0e	7.1	5.0e	5.0e	6.0e	10e	6.8	9.7	10	0.92	6.4	1.5
4	4.0e	6.2	5.0e	5.0e	6.0e	10e	6.1	9.0	9.5	8.3	12	1.9
5	4.0e	6.1	5.0e	5.0e	6.0e	10e	6.1	9.0	8.6	15	11	1.3
6	4.0e	6.1	5.0e	5.0e	6.0e	10e	7.2	9.2	8.5	16	11	0.70
7	4.0e	5.8	5.0e	5.0e	6.0e	10e	8.2	8.7	11	18	9.7	0.62
8	4.0e	5.6	5.0e	5.0e	6.0e	10e	7.7	8.3	19	15	6.8	0.69
9	4.0e	5.1	5.0e	5.0e	6.0e	10e	7.5	8.4	13	15	5.9	0.69
10	3.5e	4.9	4.0e	5.0e	6.0e	10e	13	11	11	15	7.4	6.4
11	3.5e	5.1	4.0e	5.0e	6.0e	10	52	13	18	15	6.9	58
12	3.5e	5.4	4.0e	5.0e	6.0e	9.2	51	19	49	16	6.5	80
13	3.5e	5.3	4.0e	5.0e	6.0e	9.1	49	18	33	15	7.9	18
14	3.3	5.2	4.0e	5.0e	8.0e	8.1	48	15	35	12	8.2	18
15	3.6	5.1	4.0e	5.0e	8.0e	7.0	49	13	27	6.2	7.5	18
16	3.6	4.9	4.0e	5.0e	8.0e	6.5	48	16	19	5.7	8.1	18
17	3.4	5.0	4.0e	5.0e	8.0e	6.1	20	14	14	4.1	8.8	19
18	3.6	5.0	4.0e	5.0e	8.0e	5.9	7.7	14	10	2.8	10	19
19	4.0	4.9	4.0e	5.0e	8.0e	5.9	9.8	19	8.4	3.3	8.4	19
20	4.5	4.7	4.0e	5.0e	8.0e	5.7	14	17	8.7	6.2	7.4	20
21	4.9	4.9	4.0e	5.0e	8.0e	5.9	11	16	7.7	8.1	6.8	20
22	5.0	4.8	4.0e	5.0e	8.0e	5.6	14	13	6.0	10	5.3	18
23	5.4	4.7	4.0e	5.0e	8.0e	5.2	18	11	4.5	6.8	3.9	18
24	6.1	5.8	4.0e	6.0e	8.0e	5.6	17	12	3.7	5.8	3.5	19
25	6.5	4.4	4.0e	6.0e	8.0e	5.5	14	14	4.0	4.3	3.9	17
26	5.9	4.8	5.0e	6.0e	8.0e	5.6	12	11	3.6	3.5	4.2	15
27	6.5	5.0	5.0e	6.0e	8.0e	5.3	11	11	2.5	3.7	3.7	15
28	8.7	5.1	5.0e	6.0e	8.0e	5.2	11	11	2.6	3.8	2.5	18
29	10	5.0	5.0e	6.0e	---	5.2	12	9.5	2.7	4.7	2.5	67
30	14	5.1	5.0e	6.0e	---	5.4	11	8.9	2.1	6.9	2.5	17
31	7.8	---	5.0e	6.0e	---	5.3	---	8.0	---	7.2	2.8	---
TOTAL	156.8	162.9	139.5	163	198	231.3	554.7	377.7	371.4	259.3	208.6	530.4
MEAN	5.1	5.4	4.5	5.3	7.1	7.5	18.4	12.2	12.4	8.3	6.7	17.7
MAX	14	8.0	5.5	6.0	8.0	10	52	19	49	18	12	80
MIN	3.3	4.4	4.0	5.0	6.0	5.2	5.5	8.0	2.1	0.70	2.5	0.62
AC-FT	311	323	277	323	393	459	1100	749	737	508	414	1052
CAL YEAR 2009	TOTAL		953	MEAN	2.6	MAX	38.0	MIN	0.000	AC-FT	1891	
WTR YEAR 2010	TOTAL		3351	MEAN	9.2	MAX	80.0	MIN	0.62	AC-FT	6646	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.5	---	---	---	---	---	---	0.00	0.00	3.3	12	7.8
2	3.0	---	---	---	---	---	---	0.00	0.00	12	12	7.8
3	0.00	---	---	---	---	---	---	0.00	0.00	15	12	7.9
4	0.00	---	---	---	---	---	---	0.00	0.00	19	12	8.8
5	0.00	---	---	---	---	---	---	0.00	0.00	19	12	9.4
6	0.00	---	---	---	---	---	---	0.00	0.00	19	12	9.1
7	0.00	---	---	---	---	---	---	0.00	0.00	19	11	8.5
8	0.00	---	---	---	---	---	---	0.00	0.00	18	11	8.2
9	0.00	---	---	---	---	---	---	0.00	0.00	17	11	8.3
10	---	---	---	---	---	---	---	0.00	0.00	16	11	8.7
11	---	---	---	---	---	---	---	0.00	0.00	15	10	9.2
12	---	---	---	---	---	---	---	0.00	0.00	15	10	9.1
13	---	---	---	---	---	---	---	0.00	0.00	14	9.9	9.4
14	---	---	---	---	---	---	---	0.00	0.00	13	9.7	10
15	---	---	---	---	---	---	---	0.00	0.00	12	9.4	11
16	---	---	---	---	---	---	0.00	0.00	0.00	12	9.2	11
17	---	---	---	---	---	---	0.00	0.00	0.00	12	9.1	12
18	---	---	---	---	---	---	0.00	0.00	0.00	12	9.0	12
19	---	---	---	---	---	---	0.00	0.00	0.00	17	8.8	10
20	---	---	---	---	---	---	0.00	0.00	0.00	17	8.8	10
21	---	---	---	---	---	---	0.00	0.00	0.00	9.4	8.6	10
22	---	---	---	---	---	---	0.00	0.00	0.00	11	6.6	5.2
23	---	---	---	---	---	---	0.00	0.00	0.00	13	8.1	1.6
24	---	---	---	---	---	---	0.00	0.00	0.00	12	7.9	1.1
25	---	---	---	---	---	---	0.00	0.00	0.00	12	7.3	3.5
26	---	---	---	---	---	---	0.00	0.00	0.00	12	8.0	5.4
27	---	---	---	---	---	---	0.00	0.00	0.00	12	9.2	4.4
28	---	---	---	---	---	---	0.00	0.00	0.00	12	8.4	3.2
29	---	---	---	---	---	---	0.00	0.00	0.00	12	7.9	2.7
30	---	---	---	---	---	---	0.00	0.00	0.00	12	7.4	2.5
31	---	---	---	---	---	---	---	0.00	---	12	7.4	---
TOTAL	8.5	0	0	0	0	0	0	0	0	425.7	296.7	227.8
MEAN	0.95	---	---	---	---	---	0.000	0.000	0.000	13.7	9.6	7.6
MAX	5.5	---	---	---	---	---	0.00	0.00	0.00	19	12	12
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	3.3	6.6	1.1
AC-FT	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	844	588	452
CAL YEAR 2009	MAX	10.0	MIN	0.000	AC-FT	1549						
WTR YEAR 2010	MAX	19.0	MIN	0.000	AC-FT	1902						

NORTH PLATTE RIVER BASIN

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.2	---	---	---	---	---	---	0.00	0.00	40	38	34
2	11	---	---	---	---	---	---	0.00	0.00	50	26	33
3	12	---	---	---	---	---	---	0.00	0.00	54	31	34
4	---	---	---	---	---	---	---	0.00	0.00	52	32	34
5	---	---	---	---	---	---	---	0.00	0.00	51	30	34
6	---	---	---	---	---	---	---	0.00	92	46	31	33
7	---	---	---	---	---	---	---	0.00	37	42	31	28
8	---	---	---	---	---	---	---	0.00	67	43	30	28
9	---	---	---	---	---	---	---	0.00	81	17	30	28
10	---	---	---	---	---	---	---	0.00	27	3.0	30	28
11	---	---	---	---	---	---	---	0.00	11	40	30	27
12	---	---	---	---	---	---	---	0.00	24	57	29	27
13	---	---	---	---	---	---	0.00	0.00	24	50	28	26
14	---	---	---	---	---	---	0.00	0.00	28	29	29	27
15	---	---	---	---	---	---	0.00	0.00	19	29	32	31
16	---	---	---	---	---	---	0.00	0.00	21	29	33	31
17	---	---	---	---	---	---	0.00	0.00	16	30	34	32
18	---	---	---	---	---	---	0.00	0.00	22	46	33	31
19	---	---	---	---	---	---	0.00	0.00	31	41	33	28
20	---	---	---	---	---	---	0.00	0.00	44	43	33	29
21	---	---	---	---	---	---	0.00	0.00	34	45	33	24
22	---	---	---	---	---	---	0.00	0.00	38	45	33	25
23	---	---	---	---	---	---	0.00	0.00	39	45	33	25
24	---	---	---	---	---	---	0.00	0.00	29	44	34	25
25	---	---	---	---	---	---	0.00	0.00	17	40	33	19
26	---	---	---	---	---	---	0.00	0.00	28	40	33	24
27	---	---	---	---	---	---	0.00	0.00	38	39	33	24
28	---	---	---	---	---	---	0.00	0.00	49	39	34	20
29	---	---	---	---	---	---	0.00	0.00	35	38	33	33
30	---	---	---	---	---	---	0.00	0.00	39	38	34	33
31	---	---	---	---	---	---	---	0.00	---	38	34	---
TOTAL	30.2	0	0	0	0	0	0	0	890	1243	990	855
MEAN	10.1	---	---	---	---	---	0.000	0.000	29.7	40.2	32.0	28.5
MAX	12	---	---	---	---	---	0.00	0.00	92	57	38	34
MIN	7.2	---	---	---	---	---	0.00	0.00	0.00	3.0	26	19
AC-FT	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1765	2465	1964	1696
CAL YEAR 2009	MAX		55.0	MIN	0.96	AC-FT	6789					
WTR YEAR 2010	MAX		92.0	MIN	0.000	AC-FT	7950					

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 6480 cubic feet per second June 24, gage height 4.08 feet; maximum gage height 3.45 feet December 24 due to backwater from ice; minimum daily discharge 470 cubic feet per second estimated December 27 & 28.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	935	1160	925	590e	840e	914	790	705	2670	5000	2830	2430
2	869	1160	889	580e	993	912	805	678	2790	4630	3100	2530
3	887	1180	790	575e	924	939	819	678	2790	4240	3220	2600
4	931	1110	733	575e	906	1000	798	652	2860	4530	3270	2790
5	1020	1100	771	577	877	1040	779	593	2780	4850	3220	2920
6	991	1070	750e	770e	818	989	798	599	2780	4830	3260	2930
7	994	1020	750e	720e	803	949	831	596	2890	4960	3270	2850
8	949	988	670e	620e	803	1030	815	598	3180	4780	3270	2900
9	929	970	620e	520e	746	1100	814	671	3360	4650	3200	3050
10	939	950	570e	570e	743	1020	769	872	3760	4530	3260	3060
11	951	996	570e	620e	780	970	727	967	3950	4330	3160	3120
12	981	1030	570e	670e	787	921	732	1150	4530	4210	3150	3210
13	1060	1030	550e	770e	796	886	775	1210	4710	4170	3040	3290
14	1110	1030	550e	820e	738	868	766	1300	4870	3910	2950	3370
15	1120	1050	550e	820e	692	863	729	1300	5230	3650	2960	3460
16	1110	1020	570e	840e	700	873	697	1320	5100	3480	2930	3480
17	1080	1010	570e	840e	746	903	669	1370	4910	3390	3080	3600
18	1120	991	620e	860e	768	898	659	1650	5050	3210	3220	3600
19	1100	968	620e	860e	782	884	690	1940	5140	3150	3220	3440
20	1040	959	670e	920e	773	848	850	2120	5390	3110	3070	3410
21	1020	950	670e	920e	774	839	753	2520	5650	3090	3010	3520
22	993	962	720e	920e	759	844	791	2690	6110	3130	2980	3210
23	980	967	820e	870e	731	826	943	2340	6350	3210	2840	2760
24	1010	982	920e	820e	726	829	1090	2210	6360	3090	2720	2420
25	1020	994	720e	770e	742	816	949	2320	6210	2970	2660	2190
26	1020	1010	520e	620e	762	817	893	2700	5930	2970	2690	2050
27	995	1010	470e	720e	807	795	881	2700	5610	2890	2560	1900
28	1010	1010	470e	770e	900	790	859	2860	5550	2800	2370	1800
29	1090	974	520e	770e	---	813	817	2860	5490	2820	2340	1670
30	1110	945	570e	720e	---	821	747	2860	5300	2870	2300	1550
31	1130	---	580e	780e	---	809	---	2740	---	2850	2320	---
TOTAL	31494	30596	20288	22797	22216	27806	24035	49769	137300	116300	91470	85110
MEAN	1016	1020	654.5	735.4	793.5	897.1	801.2	1606	4576	3752	2950	2837
MAX	1130	1180	925	920	993	1100	1090	2860	6360	5000	3270	3600
MIN	869	945	470	520	692	790	659	593	2670	2800	2300	1550
AC-FT	62470	60690	40240	45220	44060	55150	47670	98720	272300	230700	181400	168800
CAL YEAR 2009	TOTAL		297196	MEAN	814.2	MAX	2400	MIN	457.0	AC-FT	589500	
WTR YEAR 2010	TOTAL		659181	MEAN	1806	MAX	6360	MIN	470.0	AC-FT	1307000	

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.7	---	---	---	---	---	---	0.00	0.00	18	11	5.9
2	0.48	---	---	---	---	---	---	0.00	0.00	19	12	1.2
3	0.00	---	---	---	---	---	---	0.00	0.00	20	12	1.0
4	0.00	---	---	---	---	---	---	0.00	0.00	22	6.9	1.1
5	0.00	---	---	---	---	---	---	0.00	0.00	25	1.3	1.2
6	0.00	---	---	---	---	---	---	0.00	0.00	19	0.99	1.3
7	0.00	---	---	---	---	---	---	0.00	0.00	14	1.0	1.3
8	0.00	---	---	---	---	---	---	0.00	0.00	11	1.0	1.4
9	0.00	---	---	---	---	---	---	0.00	0.00	9.6	1.1	1.5
10	---	---	---	---	---	---	---	0.00	0.00	8.6	1.2	5.4
11	---	---	---	---	---	---	---	0.00	0.00	7.9	1.2	11
12	---	---	---	---	---	---	0.00	0.00	0.04	7.5	1.2	12
13	---	---	---	---	---	---	0.00	0.00	0.42	6.7	1.3	12
14	---	---	---	---	---	---	0.00	0.00	0.32	5.3	1.3	12
15	---	---	---	---	---	---	0.00	0.00	0.16	3.9	1.3	4.9
16	---	---	---	---	---	---	0.00	0.00	0.00	2.8	1.3	4.3
17	---	---	---	---	---	---	0.00	0.00	0.00	4.4	1.3	4.3
18	---	---	---	---	---	---	0.00	0.00	0.00	18	1.3	4.3
19	---	---	---	---	---	---	0.00	0.00	0.00	16	2.4	4.3
20	---	---	---	---	---	---	0.00	0.00	0.00	9.6	6.5	4.3
21	---	---	---	---	---	---	0.00	0.00	0.00	9.3	4.3	4.3
22	---	---	---	---	---	---	0.00	0.00	0.00	10	2.9	4.3
23	---	---	---	---	---	---	0.00	0.00	0.00	9.9	2.9	4.3
24	---	---	---	---	---	---	0.00	0.00	0.00	8.9	2.8	4.3
25	---	---	---	---	---	---	0.00	0.00	0.00	8.0	3.4	4.1
26	---	---	---	---	---	---	0.00	0.00	0.00	7.3	9.4	3.8
27	---	---	---	---	---	---	0.00	0.00	0.00	6.8	11	3.5
28	---	---	---	---	---	---	0.00	0.00	2.5	7.9	11	3.3
29	---	---	---	---	---	---	0.00	0.00	12	12	11	2.3
30	---	---	---	---	---	---	0.00	0.00	17	12	11	0.00
31	---	---	---	---	---	---	---	0.00	---	12	11	---
TOTAL	2.18	0	0	0	0	0	0	0	32.44	352.4	148.29	128.9
MEAN	0.24	---	---	---	---	---	0.000	0.000	1.1	11.4	4.8	4.3
MAX	1.7	---	---	---	---	---	0.00	0.00	17	25	12	12
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	2.8	0.99	0.00
AC-FT	4.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64	699	294	256
CAL YEAR 2009	MAX		7.6	MIN	0.000	AC-FT	528					
WTR YEAR 2010	MAX		25.0	MIN	0.000	AC-FT	1317					

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23	---	---	---	---	---	---	0.00	0.00	14	9.8	10
2	24	---	---	---	---	---	---	0.00	0.00	13	11	11
3	24	---	---	---	---	---	---	0.00	0.00	14	7.6	11
4	24	---	---	---	---	---	---	0.00	0.00	16	0.20	11
5	25	---	---	---	---	---	---	0.00	0.00	13	0.04	11
6	25	---	---	---	---	---	---	0.00	0.00	8.5	0.00	10
7	25	---	---	---	---	---	---	0.00	0.00	2.1	0.00	10
8	5.8	---	---	---	---	---	---	0.00	0.00	0.87	0.00	9.8
9	0.00	---	---	---	---	---	---	0.00	0.00	0.19	8.1	9.3
10	---	---	---	---	---	---	---	0.00	0.00	0.01	7.0	11
11	---	---	---	---	---	---	---	0.00	0.00	0.00	2.3	13
12	---	---	---	---	---	---	0.00	0.00	0.00	7.1	1.2	13
13	---	---	---	---	---	---	0.00	0.00	0.00	10	0.89	13
14	---	---	---	---	---	---	0.00	0.00	0.00	10	0.31	13
15	---	---	---	---	---	---	0.00	0.00	0.00	9.0	0.25	14
16	---	---	---	---	---	---	0.00	0.00	0.00	8.1	8.1	14
17	---	---	---	---	---	---	0.00	0.00	0.00	8.1	12	14
18	---	---	---	---	---	---	0.00	0.00	0.00	8.5	10	12
19	---	---	---	---	---	---	0.00	0.00	0.00	9.2	6.9	11
20	---	---	---	---	---	---	0.00	0.00	0.00	9.6	0.27	11
21	---	---	---	---	---	---	0.00	0.00	0.00	9.8	0.13	12
22	---	---	---	---	---	---	0.00	0.00	0.00	9.0	0.01	13
23	---	---	---	---	---	---	0.00	0.00	0.00	8.7	0.00	12
24	---	---	---	---	---	---	0.00	0.00	0.00	9.1	0.00	12
25	---	---	---	---	---	---	0.00	0.00	7.5	8.8	0.00	12
26	---	---	---	---	---	---	0.00	0.00	11	8.7	0.00	12
27	---	---	---	---	---	---	0.00	0.00	11	8.4	0.00	11
28	---	---	---	---	---	---	0.00	0.00	11	9.3	0.00	11
29	---	---	---	---	---	---	0.00	0.00	13	10.0	0.00	11
30	---	---	---	---	---	---	0.00	0.00	14	11	7.5	11
31	---	---	---	---	---	---	---	0.00	---	10	9.8	---
TOTAL	175.8	0	0	0	0	0	0	0	67.5	264.07	103.4	349.1
MEAN	19.7	---	---	---	---	---	0.000	0.000	2.3	8.5	3.4	11.6
MAX	25	---	---	---	---	---	0.00	0.00	14	16	12	14
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.3
AC-FT	349	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134	524	205	692
CAL YEAR 2009	MAX		27.0	MIN	0.000	AC-FT	1867					
WTR YEAR 2010	MAX		25.0	MIN	0.000	AC-FT	1904					

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	---	---	---	---	---	---	0.00	10	36	50	47
2	16	---	---	---	---	---	---	0.00	0.00	43	51	47
3	16	---	---	---	---	---	---	0.00	0.00	45	51	47
4	16	---	---	---	---	---	---	0.00	0.00	47	43	38
5	13	---	---	---	---	---	---	0.00	0.00	23	44	34
6	0.00	---	---	---	---	---	---	0.00	0.00	15	43	34
7	0.00	---	---	---	---	---	---	0.00	0.00	21	44	35
8	0.00	---	---	---	---	---	---	0.00	0.00	25	41	35
9	0.00	---	---	---	---	---	---	0.00	5.0	25	39	33
10	---	---	---	---	---	---	---	0.00	9.8	24	48	27
11	---	---	---	---	---	---	---	0.00	9.8	22	47	25
12	---	---	---	---	---	---	0.00	0.00	6.8	39	42	30
13	---	---	---	---	---	---	0.00	0.00	3.5	55	42	29
14	---	---	---	---	---	---	0.00	0.00	3.2	55	40	29
15	---	---	---	---	---	---	0.00	0.00	3.1	53	43	27
16	---	---	---	---	---	---	0.00	0.00	6.5	48	51	25
17	---	---	---	---	---	---	0.00	0.00	8.3	45	53	25
18	---	---	---	---	---	---	0.00	0.00	10	50	51	25
19	---	---	---	---	---	---	0.00	0.00	11	49	47	26
20	---	---	---	---	---	---	0.00	0.00	10	49	52	24
21	---	---	---	---	---	---	0.00	15	11	39	55	24
22	---	---	---	---	---	---	0.00	30	11	0.00	54	24
23	---	---	---	---	---	---	0.00	30	13	0.00	54	22
24	---	---	---	---	---	---	0.00	28	21	0.00	54	16
25	---	---	---	---	---	---	0.00	21	23	17	55	12
26	---	---	---	---	---	---	0.00	6.3	21	51	55	11
27	---	---	---	---	---	---	0.00	11	13	52	54	11
28	---	---	---	---	---	---	0.00	12	15	52	54	11
29	---	---	---	---	---	---	0.00	14	21	50	51	11
30	---	---	---	---	---	---	0.00	14	28	51	47	13
31	---	---	---	---	---	---	---	14	---	50	48	---
TOTAL	77	0	0	0	0	0	0	195.3	274	1131	1503	797
MEAN	8.5	---	---	---	---	---	0.000	6.3	9.2	36.5	48.5	26.6
MAX	16	---	---	---	---	---	0.00	30	28	55	55	47
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	39	11
AC-FT	153	0.00	0.00	0.00	0.00	0.00	0.00	387	543	2243	2981	1581
CAL YEAR 2009	MAX	59.0	MIN	0.000	AC-FT	7329						
WTR YEAR 2010	MAX	55.0	MIN	0.000	AC-FT	7889						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	7.7	9.4	4.7
2	0.00	---	---	---	---	---	---	0.00	0.00	9.5	9.7	4.6
3	0.00	---	---	---	---	---	---	0.00	0.00	9.4	9.5	5.5
4	0.00	---	---	---	---	---	---	0.00	0.00	10	8.4	4.9
5	0.00	---	---	---	---	---	---	0.00	0.00	3.7	8.4	3.2
6	0.00	---	---	---	---	---	---	0.00	0.00	1.8	8.2	2.3
7	0.00	---	---	---	---	---	---	0.00	0.00	0.41	8.4	2.3
8	0.00	---	---	---	---	---	---	0.00	0.00	0.24	8.3	4.4
9	0.00	---	---	---	---	---	---	0.00	0.00	1.9	7.9	3.9
10	---	---	---	---	---	---	---	0.00	0.00	3.6	8.9	4.4
11	---	---	---	---	---	---	---	0.00	0.00	4.3	8.3	5.0
12	---	---	---	---	---	---	0.00	0.00	0.00	7.5	2.2	3.3
13	---	---	---	---	---	---	0.00	0.00	0.00	8.4	0.00	4.7
14	---	---	---	---	---	---	0.00	0.00	0.00	8.2	0.00	6.1
15	---	---	---	---	---	---	0.00	0.00	0.00	8.1	0.00	6.1
16	---	---	---	---	---	---	0.00	0.00	0.00	7.4	6.0	5.4
17	---	---	---	---	---	---	0.00	0.00	0.00	7.1	6.5	5.3
18	---	---	---	---	---	---	0.00	0.00	0.00	7.7	4.2	5.6
19	---	---	---	---	---	---	0.00	0.00	0.00	9.4	5.7	4.1
20	---	---	---	---	---	---	0.00	0.00	0.00	9.9	5.4	2.9
21	---	---	---	---	---	---	0.00	0.00	0.00	8.9	1.9	2.6
22	---	---	---	---	---	---	0.00	0.00	0.00	0.55	0.54	2.6
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	5.3	2.9
24	---	---	---	---	---	---	0.00	0.00	4.7	0.00	7.8	1.2
25	---	---	---	---	---	---	0.00	0.00	6.1	0.00	8.0	0.02
26	---	---	---	---	---	---	0.00	0.00	4.7	5.7	6.4	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	8.7	6.8	0.00
28	---	---	---	---	---	---	0.00	0.00	2.5	9.0	6.7	0.00
29	---	---	---	---	---	---	0.00	1.0	4.5	8.9	6.3	0.00
30	---	---	---	---	---	---	0.00	0.27	4.3	9.3	3.9	0.00
31	---	---	---	---	---	---	---	0.00	---	9.6	5.1	---
TOTAL	0	0	0	0	0	0	0	1.27	26.8	186.9	184.14	98.02
MEAN	0.000	---	---	---	---	---	0.000	0.043	0.89	6.0	5.9	3.3
MAX	0.00	---	---	---	---	---	0.00	1.0	6.1	10	9.7	6.1
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	2.5	53	371	365	194
CAL YEAR 2009	MAX	10.0	MIN	0.000	AC-FT	596						
WTR YEAR 2010	MAX	10.0	MIN	0.000	AC-FT	986						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.3	---	---	---	---	---	---	0.00	0.00	11	12	7.1
2	1.1	---	---	---	---	---	---	0.00	0.00	8.9	9.6	6.0
3	1.2	---	---	---	---	---	---	0.00	0.00	9.6	8.6	6.3
4	1.3	---	---	---	---	---	---	0.00	0.00	11	12	6.6
5	1.4	---	---	---	---	---	---	0.00	0.00	9.3	5.1	6.9
6	1.5	---	---	---	---	---	---	0.00	0.00	5.5	0.23	6.3
7	1.4	---	---	---	---	---	---	0.00	0.00	4.2	0.23	4.7
8	1.1	---	---	---	---	---	---	0.00	0.00	4.5	0.23	5.5
9	0.00	---	---	---	---	---	---	0.00	0.00	5.1	6.1	5.7
10	---	---	---	---	---	---	---	0.00	0.00	4.9	15	6.8
11	---	---	---	---	---	---	---	0.00	0.00	5.0	12	5.7
12	---	---	---	---	---	---	0.00	0.00	0.00	5.3	11	6.7
13	---	---	---	---	---	---	0.00	0.00	0.00	7.7	10	5.3
14	---	---	---	---	---	---	0.00	0.00	0.00	7.5	9.6	4.2
15	---	---	---	---	---	---	0.00	0.00	0.00	8.8	9.1	3.6
16	---	---	---	---	---	---	0.00	0.00	0.00	10	8.6	4.7
17	---	---	---	---	---	---	0.00	0.00	0.00	12	8.1	8.1
18	---	---	---	---	---	---	0.00	0.00	0.00	8.3	7.7	6.7
19	---	---	---	---	---	---	0.00	0.00	0.00	8.3	7.3	3.9
20	---	---	---	---	---	---	0.00	0.00	0.00	9.0	7.0	2.3
21	---	---	---	---	---	---	0.00	0.00	0.00	10	7.0	1.9
22	---	---	---	---	---	---	0.00	0.00	0.00	6.9	5.7	2.4
23	---	---	---	---	---	---	0.00	0.00	0.00	6.2	7.0	3.3
24	---	---	---	---	---	---	0.00	0.00	4.2	9.3	6.2	3.3
25	---	---	---	---	---	---	0.00	0.00	6.2	8.7	4.7	2.5
26	---	---	---	---	---	---	0.00	0.00	0.79	7.2	5.2	2.4
27	---	---	---	---	---	---	0.00	0.00	0.15	9.6	4.8	1.3
28	---	---	---	---	---	---	0.00	7.8	5.2	8.9	4.9	0.53
29	---	---	---	---	---	---	0.00	9.1	11	11	5.0	0.61
30	---	---	---	---	---	---	0.00	0.00	11	9.3	5.1	0.33
31	---	---	---	---	---	---	---	0.00	---	9.2	6.9	---
TOTAL	10.3	0	0	0	0	0	0	16.9	38.54	252.2	221.99	131.67
MEAN	1.1	---	---	---	---	---	0.000	0.54	1.3	8.1	7.2	4.4
MAX	1.5	---	---	---	---	---	0.00	9.1	11	12	15	8.1
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	4.2	0.23	0.33
AC-FT	20	0.00	0.00	0.00	0.00	0.00	0.00	34	76	500	440	261
CAL YEAR 2009	MAX		9.7	MIN	0.000	AC-FT	860					
WTR YEAR 2010	MAX		15.0	MIN	0.000	AC-FT	1332					

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 are fair except 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 estimated 179 cubic feet per second March 10, gage height 4.18 feet; maximum gage height 5.90 feet January 11 due to backwater from ice conditions; minimum daily discharge 2 cubic feet per second estimated July 28 - August 3.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	51	95e	94	85e	96e	107	90	82	68	24e	2.0e	21
2	50	95e	94	85e	96e	103	89	81	86	24e	2.0e	22
3	50	95e	95	85e	96e	115	89	80	88	22e	2.0e	23
4	51	93	95e	85e	105	128	88	80	85	25e	5.0e	23
5	53	91	95e	85e	96	114	87	78	80	45	6.0e	24
6	59	91	95e	85e	91	110	92	77	80	56	34	25
7	58	91	90e	85e	90	110	107	78	86	66	33	26
8	57	91	90e	85e	89	124	107	78	106	70	34	27
9	62	90	85e	85e	85	160	98	79	105	65	34	27
10	77	90	84e	85e	90	161	90	80	84	62	40	31
11	83	91	80e	85e	91	125	87	83	77	49	43	34
12	84	92	80e	85e	91	112	86	90	108	31	48	28
13	91	93	80e	85e	92	106	89	93	127	30e	33	28
14	80e	93	80e	85e	91	105	105	93	123	30e	29	28
15	80e	92	80e	90e	85	103	100	92	115	32e	28	28
16	85e	92	80e	90e	92	101	91	98	93	32e	27	28
17	85e	92	80e	90e	91	100	86	101	79	32e	25	29
18	85e	92	80e	90e	94	101	84	97	71	40e	24	31
19	90e	92	80e	90e	95	99	83	87	67	40e	23	37
20	90e	92	80e	90e	94	95	90	102	66	45e	22	41
21	90e	92	80e	90e	94	94	92	96	66	50e	21	42
22	90e	93	80e	90e	93	95	89	78	65	48e	20	43
23	90e	93	80e	90e	91	95	96	73	63	48e	19	43
24	90e	92	80e	90e	91	93	113	71	51	49	18	47
25	90e	92	80e	90e	93	93	134	72	41	41	17	54
26	90e	93	80e	90e	100	92	113	77	37	7.0e	17	54
27	90e	94	80e	95e	117	92	91	73	45	5.0e	17	55
28	90e	94	80e	95e	118	91	86	68	40	2.0e	18	55
29	95e	95	85e	95e	---	90	84	63	29	2.0e	18	56
30	95e	94	85e	95e	---	90	83	67	25e	2.0e	19	55
31	95e	---	85e	95e	---	90	---	67	---	2.0e	20	---
TOTAL	2426	2775	2612	2745	2647	3294	2819	2534	2256	1076	698	1065
MEAN	78.2	92.5	84.3	88.5	94.6	106.3	94.0	81.7	75.2	34.7	22.5	35.5
MAX	95	95	95	95	118	161	134	102	127	70	48	56
MIN	50	90	80	85	85	90	83	63	25	2.0	2.0	21
AC-FT	4812	5504	5181	5445	5250	6534	5591	5026	4475	2134	1384	2112
CAL YEAR 2009	TOTAL		26366	MEAN	72.2	MAX	154.0	MIN	0.000	AC-FT	52300	
WTR YEAR 2010	TOTAL		26947	MEAN	73.8	MAX	161.0	MIN	2.0	AC-FT	53450	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

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 6,920 cubic feet per second June 25, gage height 8.41 feet; minimum daily discharge 550 cubic feet per second estimated December 27 & 28.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1110	1390	1130	800e	750e	1100	981	929	2670	5470	2540	2360
2	1060	1400	1100	800e	750e	1110	973	871	2980	5070	2820	2440
3	1040	1540	1040	850e	750e	1180	986	830	2980	4710	2940	2510
4	1060	1580	900e	900e	800e	1270	957	815	2860	4230	3160	2600
5	1170	1400	850e	900e	1100e	1330	892	793	2760	4600	3240	2780
6	1210	1320	800e	850e	1100e	1300	915	791	2740	5080	3070	2910
7	1160	1310	800e	800e	1100e	1240	1070	817	2790	5300	3110	2950
8	1130	1280	750e	700e	1000e	1350	1020	809	2950	5580	3090	2880
9	1110	1260	700e	600e	750e	1770	942	801	3150	5200	3090	2980
10	1170	1230	650e	650e	800e	1640	907	855	3180	4790	3820	3190
11	1160	1210	650e	700e	900e	1460	847	940	3290	4500	3600	3380
12	1190	1200	650e	750e	950e	1360	795	1120	3830	4240	3270	3550
13	1250	1170	600e	850e	1100e	1300	820	1280	4410	3990	3200	3780
14	1320	1150	600e	900e	900e	1240	1010	1260	4980	3930	3100	3950
15	1310	1130	600e	900e	700e	1230	911	1240	4990	3810	3030	4060
16	1250	1160	650e	920e	600e	1210	853	1290	5130	3510	3040	4160
17	1230	1160	650e	920e	700e	1150	825	1400	5290	3260	3210	4260
18	1210	1160	700e	940e	900e	1110	798	1490	4920	3010	3360	4470
19	1210	1190	700e	940e	800e	1060	766	1900	4650	2780	3520	4590
20	1170	1200	750e	1000e	800e	1030	886	2240	4770	2760	3600	4460
21	1150	1200	750e	1000e	800e	1010	868	2340	5040	2760	3370	4260
22	1110	1200	800e	1000e	750e	997	832	2610	5520	2870	3190	4370
23	1140	1190	900e	950e	800e	913	1080	2730	6160	3010	3100	3930
24	1170	1180	1000e	900e	850e	899	1390	2530	6610	3020	3070	3000
25	1210	1190	800e	850e	950e	923	1390	2480	6690	2880	2960	2480
26	1250	1190	600e	700e	1050e	917	1160	2530	6540	2760	2860	2140
27	1310	1180	550e	800e	1100e	921	1070	2530	6340	2680	2770	1850
28	1360	1170	550e	850e	1100e	928	1010	2510	5780	2600	2570	1650
29	1420	1160	600e	850e	---	948	985	2590	5650	2530	2420	1470
30	1470	1150	650e	800e	---	951	958	2660	5660	2630	2350	1300
31	1440	---	700e	750e	---	963	---	2610	---	2660	2320	---
TOTAL	37550	37250	23170	26120	24650	35810	28897	50591	135310	116220	94790	94710
MEAN	1211	1242	747.6	842.6	880.5	1155	963.4	1632	4511	3750	3059	3158
MAX	1470	1580	1130	1000	1100	1770	1390	2730	6690	5580	3820	4590
MIN	1040	1130	550	600	600	899	766	791	2670	2530	2320	1300
AC-FT	74480	73880	45960	51810	48890	71030	57320	100300	268400	230500	188000	187900
CAL YEAR 2009	TOTAL		346344	MEAN	948.9	MAX	2630	MIN	550.0	AC-FT	687000	
WTR YEAR 2010	TOTAL		705068	MEAN	1932	MAX	6690	MIN	550.0	AC-FT	1398000	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	874000	947400	1015000	1047000	1089000	1128000	1174000	1197000	1289000	1504000	1580000	1554000
2	874000	953600	1017000	1047000	1094000	1130000	1174000	1197000	1296000	1515000	1577000	1554000
3	874000	955700	1019000	1047000	1096000	1130000	1174000	1199000	1299000	1515000	1577000	1551000
4	876000	955700	1021000	1047000	1098000	1132000	1174000	1199000	1304000	1520000	1574000	1551000
5	878000	959900	1024000	1047000	1098000	1134000	1176000	1199000	1309000	1537000	1574000	1551000
6	880000	962000	1026000	1047000	1100000	1134000	1178000	1202000	1309000	1540000	1574000	1551000
7	880000	964100	1028000	1050000	1100000	1137000	1178000	1202000	1321000	1548000	1574000	1551000
8	882000	966200	1030000	1050000	1105000	1139000	1178000	1199000	1329000	1554000	1574000	1551000
9	882000	968300	1032000	1050000	1105000	1143000	1178000	1199000	1331000	1563000	1577000	1551000
10	886000	970400	1034000	1050000	1105000	1146000	1178000	1202000	1336000	1565000	1580000	1554000
11	888100	974600	1034000	1050000	1105000	1146000	1178000	1202000	1341000	1568000	1571000	1551000
12	890100	974600	1037000	1050000	1107000	1146000	1180000	1204000	1354000	1574000	1571000	1554000
13	892100	978800	1037000	1052000	1109000	1148000	1183000	1204000	1359000	1577000	1568000	1554000
14	894100	978800	1034000	1058000	1109000	1148000	1183000	1206000	1370000	1583000	1568000	1557000
15	894100	983000	1037000	1060000	1112000	1155000	1183000	1209000	1380000	1588000	1568000	1557000
16	896100	983000	1034000	1060000	1112000	1155000	1183000	1211000	1385000	1591000	1571000	1560000
17	898100	985200	1034000	1063000	1114000	1157000	1183000	1223000	1396000	1594000	1568000	1563000
18	900200	987300	1032000	1069000	1114000	1157000	1183000	1223000	1404000	1591000	1568000	1565000
19	902200	989400	1034000	1071000	1116000	1157000	1185000	1225000	1409000	1588000	1565000	1568000
20	906200	993600	1037000	1071000	1116000	1160000	1185000	1233000	1414000	1591000	1563000	1568000
21	910300	993600	1039000	1074000	1116000	1162000	1185000	1235000	1430000	1591000	1563000	1574000
22	914400	995800	1041000	1076000	1118000	1162000	1188000	1237000	1438000	1588000	1560000	1577000
23	918500	997900	1043000	1076000	1118000	1162000	1188000	1240000	1446000	1591000	1563000	1583000
24	922600	1000000	1043000	1076000	1123000	1167000	1190000	1250000	1452000	1588000	1563000	1580000
25	926700	1002000	1045000	1080000	1123000	1167000	1190000	1257000	1463000	1591000	1563000	1583000
26	930800	1004000	1045000	1083000	1125000	1169000	1190000	1262000	1468000	1591000	1560000	1583000
27	934900	1004000	1045000	1083000	1128000	1169000	1190000	1264000	1473000	1586000	1560000	1580000
28	937000	1006000	1045000	1085000	1128000	1169000	1190000	1272000	1490000	1588000	1557000	1583000
29	939100	1009000	1045000	1087000	---	1171000	1190000	1276000	1495000	1586000	1557000	1580000
30	941200	1013000	1045000	1087000	---	1171000	1197000	1279000	1501000	1583000	1554000	1580000
31	943200	---	1045000	1087000	---	1174000	---	1281000	---	1583000	1551000	---
MEAN	902100	981900	1035000	1064000	1110000	1152000	1183000	1225000	1386000	1570000	1567000	1564000
MAX	943200	1013000	1045000	1087000	1128000	1174000	1197000	1281000	1501000	1594000	1580000	1583000
MIN	874000	947400	1015000	1047000	1089000	1128000	1174000	1197000	1289000	1504000	1551000	1551000
CAL YEAR 2009	MEAN	889400	MAX	1045000	MIN	735400						
WTR YEAR 2010	MEAN	1229000	MAX	1594000	MIN	874000						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15e	17e	0.00	282	200	185	393	324	435	1300	1650	1520
2	15e	17e	0.00	286	200	182	190	309	434	1070	1630	1530
3	15e	17e	0.00	289	209	183	141	280	444	1030	1640	1550
4	15e	17e	0.00	291	209	183	144	260	441	1030	1640	1550
5	15e	17e	0.00	293	208	179	150	269	441	1020	1650	1560
6	15e	18	0.00	304	208	171	164	261	438	1020	1640	1570
7	15e	15e	0.00	374	206	169	229	261	440	1020	1650	1590
8	15e	15e	0.00	376	198	167	368	285	440	1060	1650	1600
9	15e	15e	0.00	328	195	164	404	283	433	1120	1650	1610
10	15e	15e	0.00	329	194	144	406	234	426	1240	1660	1620
11	15e	15e	0.00	334	194	132	411	0.00	424	1400	1650	1630
12	15e	15e	0.00	350	196	126	492	0.00	425	1510	1650	1560
13	15e	15e	0.00	363	195	128	764	0.00	423	1650	1660	1470
14	15e	15e	0.00	363	193	131	856	0.00	382	1660	1650	1360
15	15e	15e	0.00	362	193	131	870	0.00	273	1660	1660	1250
16	15e	10e	0.00	363	194	133	801	0.00	435	1650	1660	1210
17	15e	10e	0.00	364	194	136	642	0.00	464	1650	1670	1210
18	15e	10e	0.00	364	194	137	574	209	340	1640	1650	1230
19	16e	10e	0.00	365	194	135	661	259	268	1640	1630	1230
20	16e	10e	0.00	369	196	135	642	269	265	1640	1620	1230
21	16e	10e	248	370	198	136	646	260	279	1650	1610	1240
22	16e	5.0e	279	374	198	137	668	266	461	1640	1590	1240
23	16e	5.0e	272	384	199	138	655	251	468	1630	1580	1250
24	16e	5.0e	271	391	200	137	626	253	463	1640	1570	1250
25	16e	5.0e	306	394	200	136	546	204	456	1650	1570	1260
26	17e	5.0e	509	394	200	134	543	0.00	525	1640	1550	1260
27	17e	5.0e	565	291	203	131	542	0.00	783	1650	1530	1260
28	17e	5.0e	421	220	198	131	412	0.00	886	1650	1520	1270
29	17e	5.0e	340	218	---	131	302	206	1180	1650	1510	1300
30	17e	5.0e	287	213	---	173	320	290	1330	1640	1510	1300
31	17e	---	282	204	---	361	---	399	---	1650	1530	---
TOTAL	484	343	3780	10202	5566	4796	14562	5632	14902	45100	50030	41710
MEAN	15.6	11.4	122.0	329.1	198.8	154.7	485.5	181.7	496.6	1455	1614	1390
MAX	17	18	565	394	209	361	870	399	1330	1660	1670	1630
MIN	15	5.0	0.00	204	193	126	141	0.00	265	1020	1510	1210
AC-FT	960	680	7498	20240	11040	9513	28880	11170	29560	89450	99230	82730
CAL YEAR 2009	TOTAL		143705	MEAN	393.7	MAX	1570	MIN	0.000	AC-FT	285000	
WTR YEAR 2010	TOTAL		197107	MEAN	540.0	MAX	1670	MIN	0.000	AC-FT	391000	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	118	6.1	6.6	6.6	5.0	5.6	421	846	933	443	168	25
2	118	6.1	6.6	9.3	5.0	5.4	517	857	924	582	148	71
3	121	6.1	6.0e	6.6	5.0	5.0	551	903	1000	607	115	106
4	123	6.1	6.0e	6.6	5.0	5.0	538	981	1040	635	102	106
5	54	6.1	6.0e	6.6	5.0	5.0	512	1040	1040	533	107	105
6	5.4	6.1	6.0e	7.0e	5.0	5.0	503	1090	1060	527	95	103
7	4.9	6.1	6.0e	7.0e	5.0	5.0	529	1080	1040	535	84	102
8	5.0	6.1	6.0e	7.0e	6.0e	5.3	490	1060	1070	504	80	105
9	4.7	6.1	6.0e	7.0e	6.0e	6.3	473	1030	1070	469	70	104
10	4.7	6.1	7.0e	6.8	6.0e	7.5	509	1060	1100	468	34	102
11	4.8	6.1	7.0e	6.1	7.0e	8.4	479	1070	1070	457	29	101
12	4.7	6.1	8.1	6.1	7.0e	8.4	452	1080	996	293	169	101
13	4.5	6.1	7.8	6.1	7.0e	8.4	435	1020	998	19	56	101
14	4.0	6.1	7.9	6.1	7.0e	8.4	431	895	944	15	112	101
15	5.0	6.4	7.8	6.5	8.0e	8.4	417	807	871	13	146	101
16	4.9	6.6	7.8	6.6	8.0e	9.2	378	770	1030	11	153	101
17	4.8	6.6	7.8	6.6	8.0e	9.9	335	863	1110	9.2	143	101
18	4.7	6.6	7.8	6.8	5.0	9.7	300	1120	1030	7.9	112	101
19	4.6	6.6	7.8	6.9	5.0	9.7	279	1070	1010	6.9	123	101
20	5.0	6.6	7.8	6.6	5.0	9.3	265	1060	1030	6.5	151	101
21	5.7	6.6	7.8	6.6	5.0	9.0	258	1030	1060	6.1	146	102
22	5.6	6.6	7.8	6.6	6.0e	9.0	255	969	1120	5.7	139	101
23	5.6	6.6	7.8	6.6	7.0e	9.0	321	964	1160	4.8	125	103
24	5.6	6.6	8.0e	8.0e	8.0e	9.0	314	996	1110	3.7	111	101
25	5.2	6.6	8.0e	8.0e	6.6	9.2	322	1010	1140	3.1	98	101
26	5.0	6.6	8.0e	7.0e	6.6	9.7	357	979	1140	74	78	101
27	5.0	6.6	8.0e	6.1	6.6	9.7	432	969	965	191	67	275
28	5.2	6.6	8.4	6.1	5.9	9.9	644	1000	869	200	53	342
29	5.8	6.6	6.6	5.6	---	131	887	977	632	195	43	215
30	9.2	6.6	6.6	5.0	---	246	902	952	199	198	39	115
31	6.1	---	6.6	5.0	---	339	---	956	---	192	31	---
TOTAL	669.7	190.8	223.4	205.5	171.7	935.4	13506	30504	29761	7214.9	3127	3495
MEAN	21.6	6.4	7.2	6.6	6.2	30.2	450.2	983.9	991.6	232.7	100.9	116.4
MAX	123	6.6	8.4	9.3	8.0	339	902	1120	1160	635	169	342
MIN	4.0	6.1	6.0	5.0	5.0	5.0	255	770	199	3.1	29	25
AC-FT	1328	378	443	408	341	1855	26790	60500	59030	14310	6202	6932

CAL YEAR 2009	TOTAL	70854	MEAN	194.1	MAX	1170	MIN	0.000	AC-FT	140500
WTR YEAR 2010	TOTAL	90004	MEAN	246.6	MAX	1160	MIN	3.1	AC-FT	178500

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	57510	51260	45160	45000	53990	55150	54020	55870	43440	55750	44080	35670
2	57240	51030	44970	45350	53960	55200	53990	55640	43440	56830	43620	35770
3	57100	50870	44810	45670	54020	55230	53730	55150	43570	56770	43200	35890
4	56980	50610	44590	46080	54140	55260	53590	54280	43620	58090	42500	35990
5	56950	50420	44400	46410	54110	55440	53360	53300	43840	58980	41760	36120
6	56540	50220	44320	46760	54160	55410	53450	52650	43860	60110	41310	36350
7	56160	50000	44160	46950	54160	55380	53130	51910	44210	60320	40810	36500
8	55780	49800	44110	47340	54080	55780	53080	51060	44510	59990	40420	36810
9	55520	49610	43890	47750	54110	55840	53100	50610	44730	58920	39820	37290
10	55200	49360	43680	48110	54160	55930	53300	50440	45320	57950	39170	37730
11	54770	49160	43650	48500	54190	55840	53250	49830	46380	57130	38600	38340
12	54420	49020	43490	48880	54250	55700	53080	49240	46740	56450	38370	39400
13	54250	48800	43360	49330	54250	55610	53360	48940	47170	55670	37520	39920
14	54250	48550	43120	49750	54160	55550	53710	48720	47170	54940	37470	40450
15	53960	48360	42900	50160	54160	55520	53850	48440	46950	54160	37190	40550
16	53730	48140	42770	50560	54280	55460	54020	48250	47060	53420	37060	40450
17	53480	47940	42610	50890	54280	55410	53960	48220	47480	52960	36880	40450
18	53280	47750	42450	51260	54450	55380	53650	48610	47590	52190	36600	40470
19	53100	47530	42340	51600	54480	55320	53910	48860	47610	51540	36580	40550
20	52900	47310	42160	51910	54570	55290	54050	47830	47700	50950	36550	40710
21	53020	47060	41970	52190	54650	55230	54190	47310	48270	50250	36370	40630
22	52820	46870	41840	52590	54680	55120	54650	46650	49520	49750	36320	40950
23	52560	46760	42050	52880	54710	55060	54970	45920	50810	49050	36270	40870
24	52330	46600	42480	53100	54800	55030	55290	45620	52050	48330	36450	40920
25	52160	46380	42500	53360	54800	54910	55520	45650	53280	47700	36270	40890
26	52050	46190	42660	53710	54860	54890	55670	44970	54020	46840	35990	40810
27	51820	45970	43010	53930	54970	54830	55840	44590	54420	46300	35890	40870
28	51710	45780	43380	53930	55090	54740	56250	44240	54970	45860	35770	40970
29	51940	45620	43810	53960	---	54480	56220	43890	55460	45320	35590	41020
30	51710	45400	44210	53960	---	54110	56250	43540	55490	44940	35670	41160
31	51480	---	44590	53990	---	53910	---	43440	---	44480	35790	---
MEAN	54090	48280	43400	50190	54380	55230	54210	48830	48020	52970	38260	39150
MAX	57510	51260	45160	53990	55090	55930	56250	55870	55490	60320	44080	41160
MIN	51480	45400	41840	45000	53960	53910	53080	43440	43440	44480	35590	35670
CAL YEAR 2009	MEAN	48840	MAX	63110	MIN	39170						
WTR YEAR 2010	MEAN	48890	MAX	60320	MIN	35590						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10760	2600	1480	1220	1220	1220	1340	17320	17160	17800	17800	17480
2	10380	2525	1400	1220	1220	1220	1700	17320	17160	17800	17800	17640
3	10380	2375	1400	1220	1220	1220	2450	17160	17160	17640	17800	17800
4	9875	2300	1400	1220	1220	1220	4950	17000	17320	17640	17800	17970
5	9020	2225	1340	1220	1220	1220	5750	17000	17480	17640	17640	18130
6	8560	2150	1400	1220	1220	1220	6790	17000	17640	17480	17640	17970
7	7880	2075	1340	1220	1220	1220	7770	17000	17800	17320	17640	17970
8	7550	2000	1340	1220	1220	1220	8560	17000	17970	17320	17480	17970
9	7110	2075	1340	1220	1220	1220	9375	17000	17970	17320	17480	17970
10	6790	1925	1340	1220	1220	1220	10130	17320	17970	17320	17480	18130
11	6475	1925	1340	1220	1220	1220	10890	17480	18130	17320	17320	17970
12	6055	1850	1340	1220	1220	1220	11670	17640	18300	17320	17160	17970
13	5750	1775	1220	1220	1220	1220	12500	17640	18130	17320	17160	17800
14	5750	1775	1220	1220	1220	1220	13350	17800	17480	17320	17160	17800
15	5050	1700	1220	1220	1220	1220	14070	17970	17320	17320	17000	17640
16	4680	1700	1220	1220	1220	1220	14810	18300	17320	17320	17160	17480
17	4410	1640	1220	1220	1220	1220	15580	18300	17320	17320	17160	17480
18	4050	1640	1220	1220	1220	1220	16200	18130	17320	17480	17320	17480
19	3625	1640	1220	1220	1220	1220	16840	17640	17320	17320	17480	17480
20	3285	1580	1220	1220	1220	1220	16840	17320	17480	17320	17480	17480
21	3125	1580	1220	1220	1220	1220	17160	17480	17480	17320	17640	17480
22	2975	1580	1220	1220	1220	1220	17160	17480	17480	17160	17640	17640
23	2900	1580	1220	1220	1220	1220	17320	17640	17480	17160	17970	17640
24	2750	1520	1220	1220	1220	1220	17480	17640	17320	17000	17640	17480
25	2600	1520	1220	1220	1220	1220	17480	17640	17320	17160	17480	17480
26	2675	1520	1220	1220	1220	1220	17480	17640	17320	17320	17480	17480
27	2675	1520	1220	1220	1220	1220	17320	17640	17480	17480	17320	17480
28	2525	1480	1220	1220	1220	1220	17320	17480	17800	17640	17320	17480
29	2675	1480	1220	1220		--- 1220	17320	17320	17970	17640	17160	17480
30	2450	1480	1220	1220		--- 1220	17320	17320	17970	17640	17160	17970
31	2600	---	1220	1220		--- 1220	---	17160	---	17640	17320	---
MEAN	5399	1825	1279	1220	1220	1220	12500	17480	17580	17410	17450	17710
MAX	10760	2600	1480	1220	1220	1220	17480	18300	18300	17800	17970	18130
MIN	2450	1480	1220	1220	1220	1220	1340	17000	17160	17000	17000	17480
CAL YEAR 2009	MEAN	11190	MAX	18300	MIN	1220						
WTR YEAR 2010	MEAN	9391	MAX	18300	MIN	1220						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	214	10	0.00	0.00	0.00	0.00	0.00	814	968	1050	1680	1160
2	216	9.0	0.00	0.00	0.00	0.00	0.00	870	974	1180	1680	1160
3	218	33	0.00	0.00	0.00	0.00	0.00	905	985	989	1670	1140
4	221	19	0.00	0.00	0.00	0.00	0.00	1160	970	1180	1670	1120
5	219	19	0.00	0.00	0.00	0.00	0.00	1160	982	943	1670	1120
6	216	17	0.00	0.00	0.00	0.00	0.00	1290	976	793	1670	1110
7	298	20	0.00	0.00	0.00	0.00	0.00	1290	980	790	1680	1120
8	195	17	0.00	0.00	0.00	0.00	0.00	1290	983	989	1680	1120
9	219	9.0	0.00	0.00	0.00	0.00	0.00	1290	979	1190	1680	1120
10	191	0.00	0.00	0.00	0.00	0.00	0.00	1160	977	1440	1680	1130
11	193	13	0.00	0.00	0.00	0.00	0.00	1030	977	1590	1680	988
12	158	26	0.00	0.00	0.00	0.00	52	1030	1010	1680	1680	923
13	146	17	0.00	0.00	0.00	0.00	0.00	1030	1120	1680	1640	795
14	146	0.00	0.00	0.00	0.00	0.00	0.00	897	1250	1680	1600	856
15	149	0.00	0.00	0.00	0.00	0.00	266	893	1170	1680	1600	860
16	151	0.00	0.00	0.00	0.00	0.00	258	717	984	1680	1600	860
17	150	0.00	0.00	0.00	0.00	0.00	255	713	980	1680	1600	860
18	147	0.00	0.00	0.00	0.00	0.00	258	713	914	1680	1490	861
19	145	0.00	0.00	0.00	0.00	0.00	253	1220	918	1710	1400	862
20	140	0.00	0.00	0.00	0.00	0.00	512	1230	914	1690	1390	855
21	114	0.00	0.00	0.00	0.00	0.00	514	1220	918	1690	1380	869
22	102	0.00	0.00	0.00	0.00	0.00	543	1230	700	1690	1380	814
23	68	0.00	0.00	0.00	0.00	0.00	385	1220	522	1690	1400	861
24	50	0.00	0.00	0.00	0.00	0.00	385	1220	522	1690	1330	861
25	42	0.00	0.00	0.00	0.00	0.00	387	1160	525	1640	1400	862
26	29	0.00	0.00	0.00	0.00	0.00	385	1020	525	1600	1420	858
27	0.00	0.00	0.00	0.00	0.00	0.00	536	1030	707	1600	1420	862
28	11	0.00	0.00	0.00	0.00	0.00	511	982	917	1590	1390	860
29	23	0.00	0.00	0.00	---	0.00	513	979	917	1660	1360	857
30	0.00	0.00	0.00	0.00	---	0.00	738	981	985	1680	1330	609
31	25	---	0.00	0.00	---	0.00	---	981	---	1680	1240	---
TOTAL	4196	209	0	0	0	0	6751	32725	27249	45504	47490	28333
MEAN	135.4	7.0	0.000	0.000	0.000	0.000	225.0	1056	908.4	1468	1531	943.7
MAX	298	33	0.00	0.00	0.00	0.00	738	1290	1250	1710	1680	1160
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	713	522	790	1240	609
AC-FT	8323	415	0.00	0.00	0.00	0.00	13390	64910	54050	90260	94200	56200
CAL YEAR 2009	TOTAL		116812	MEAN	320.0	MAX	1700	MIN	0.000	AC-FT	231700	
WTR YEAR 2010	TOTAL		192457	MEAN	527.3	MAX	1710	MIN	0.000	AC-FT	381700	

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 and estimated records are 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 1,820 cubic feet per second August 1, gage height 4.56 feet; zero discharge October 25 to February 11, April 26 to May 25.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	78	0.00	0.00	0.00	0.00	280	241	0.00	68	488	1810	1110
2	54	0.00	0.00	0.00	0.00	274	243	0.00	140	523	1760	1010
3	40	0.00	0.00	0.00	0.00	265	243	0.00	172	527	1690	1010
4	41	0.00	0.00	0.00	0.00	266	245	0.00	162	528	1610	997
5	43	0.00	0.00	0.00	0.00	265	267	0.00	159	490	1630	993
6	47	0.00	0.00	0.00	0.00	265	302	0.00	158	394	1510	1010
7	32	0.00	0.00	0.00	0.00	269	297	0.00	152	347	1400	1140
8	30	0.00	0.00	0.00	0.00	275	297	0.00	153	344	1390	1280
9	37	0.00	0.00	0.00	0.00	275	297	0.00	174	348	1360	1450
10	38	0.00	0.00	0.00	0.00	275	297	0.00	184	344	1370	1550
11	33	0.00	0.00	0.00	0.00	277	298	0.00	187	348	1380	1560
12	26	0.00	0.00	0.00	70e	279	308	0.00	74	356	1370	1560
13	24	0.00	0.00	0.00	100e	280	22	0.00	121	426	1380	1560
14	23	0.00	0.00	0.00	105e	280	9.1	0.00	119	541	1380	1550
15	22	0.00	0.00	0.00	110e	280	7.6	0.00	119	736	1390	1540
16	24	0.00	0.00	0.00	120e	280	6.4	0.00	95	1030	1480	1480
17	22	0.00	0.00	0.00	187e	280	5.2	0.00	80	1340	1370	1430
18	29	0.00	0.00	0.00	190e	280	4.2	0.00	94	1290	1370	1380
19	29	0.00	0.00	0.00	190e	280	3.3	0.00	102	1140	1420	1330
20	14	0.00	0.00	0.00	185e	280	2.6	0.00	99	1130	1450	1260
21	3.6	0.00	0.00	0.00	150e	276	1.9	0.00	99	1160	1470	1260
22	2.1	0.00	0.00	0.00	150e	275	1.2	0.00	100	1180	1460	1210
23	0.78	0.00	0.00	0.00	145e	275	1.2	0.00	101	1170	1450	1210
24	0.60	0.00	0.00	0.00	158	275	0.69	0.00	100	1170	1600	1210
25	0.00	0.00	0.00	0.00	158	259	0.24	0.00	102	1170	1710	1210
26	0.00	0.00	0.00	0.00	246	248	0.00	15e	106	1200	1710	1200
27	0.00	0.00	0.00	0.00	280	242	0.00	30	103	1270	1730	1200
28	0.00	0.00	0.00	0.00	280	245	0.00	29	263	1460	1710	1190
29	0.00	0.00	0.00	0.00	---	244	0.00	28	392	1650	1720	1180
30	0.00	0.00	0.00	0.00	---	245	0.00	21	397	1740	1730	1170
31	0.00	---	0.00	0.00	---	242	---	20	---	1750	1640	---
TOTAL	693.08	0	0	0	2824	8331	3400.63	143	4375	27590	47450	38240
MEAN	22.4	0.000	0.000	0.000	100.9	268.7	113.3	4.7	145.9	890.3	1530	1275
MAX	78	0.00	0.00	0.00	280	280	308	30	397	1750	1810	1560
MIN	0.00	0.00	0.00	0.00	0.00	242	0.00	0.00	68	344	1360	993
AC-FT	1375	0.00	0.00	0.00	5601	16520	6745	284	8678	54720	94120	75850
CAL YEAR 2009	TOTAL		45840	MEAN	188.6	MAX	1530	MIN	0.000	AC-FT	90920	
WTR YEAR 2010	TOTAL		133047	MEAN	364.5	MAX	1810	MIN	0.000	AC-FT	263900	

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	45	87	71
2	---	---	---	---	---	---	---	0.00	16	49	86	72
3	---	---	---	---	---	---	---	0.00	55	58	85	72
4	---	---	---	---	---	---	---	0.00	53	59	86	72
5	---	---	---	---	---	---	---	0.00	50	59	86	71
6	---	---	---	---	---	---	---	0.00	50	60	80	71
7	---	---	---	---	---	---	---	0.00	37	61	80	71
8	---	---	---	---	---	---	---	0.00	29	61	80	66
9	---	---	---	---	---	---	---	0.00	27	62	80	63
10	---	---	---	---	---	---	---	0.00	28	62	80	63
11	---	---	---	---	---	---	---	0.00	27	62	80	51
12	---	---	---	---	---	---	---	0.00	26	23	80	0.00
13	---	---	---	---	---	---	---	0.00	27	101	80	34
14	---	---	---	---	---	---	---	0.00	28	200	81	61
15	---	---	---	---	---	---	---	0.00	27	158	81	60
16	---	---	---	---	---	---	---	0.00	26	79	73	54
17	---	---	---	---	---	---	---	0.00	25	79	73	48
18	---	---	---	---	---	---	---	0.00	25	79	75	19
19	---	---	---	---	---	---	---	0.00	24	80	75	0.00
20	---	---	---	---	---	---	0.00	0.00	25	83	75	0.00
21	---	---	---	---	---	---	0.00	0.00	25	87	75	0.00
22	---	---	---	---	---	---	0.00	0.00	25	87	75	0.00
23	---	---	---	---	---	---	0.00	0.00	24	87	75	0.00
24	---	---	---	---	---	---	0.00	0.00	24	88	75	0.00
25	---	---	---	---	---	---	0.00	0.00	25	88	74	0.00
26	---	---	---	---	---	---	0.00	0.00	25	88	73	0.00
27	---	---	---	---	---	---	0.00	0.00	24	89	73	0.00
28	---	---	---	---	---	---	0.00	0.00	32	89	73	0.00
29	---	---	---	---	---	---	0.00	0.00	45	88	73	0.00
30	---	---	---	---	---	---	0.00	0.00	45	88	72	0.00
31	---	---	---	---	---	---	---	0.00	---	87	72	---
TOTAL	0	0	0	0	0	0	0	0	899	2486	2413	1019
MEAN	0.000	---	---	---	---	---	0.000	0.000	29.9	80.2	77.8	34.0
MAX	0.00	---	---	---	---	---	0.00	0.00	55	200	87	72
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	23	72	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1783	4931	4786	2021
CAL YEAR 2009	MAX	101.0	MIN	0.000	AC-FT	11240						
WTR YEAR 2010	MAX	200.0	MIN	0.000	AC-FT	13520						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.7	---	---	---	---	---	---	0.00	95	190	209	201
2	5.1	---	---	---	---	---	---	0.00	96	207	201	190
3	4.9	---	---	---	---	---	---	0.00	93	214	196	180
4	4.5	---	---	---	---	---	---	0.00	98	216	195	176
5	4.4	---	---	---	---	---	---	0.00	97	201	203	152
6	2.6	---	---	---	---	---	---	0.00	97	194	199	135
7	0.00	---	---	---	---	---	---	0.00	98	176	192	126
8	0.00	---	---	---	---	---	---	4.5	101	172	194	128
9	0.00	---	---	---	---	---	---	11	99	169	197	130
10	0.00	---	---	---	---	---	---	6.6	99	168	212	117
11	0.00	---	---	---	---	---	---	7.0	108	182	199	102
12	0.00	---	---	---	---	---	---	7.1	75	200	197	100
13	0.00	---	---	---	---	---	---	63	36	224	198	85
14	0.00	---	---	---	---	---	---	60	29	237	218	60
15	0.00	---	---	---	---	---	---	49	28	251	231	51
16	0.00	---	---	---	---	---	---	24	37	268	234	23
17	0.00	---	---	---	---	---	---	9.1	45	273	208	0.00
18	0.00	---	---	---	---	---	---	20	43	251	186	0.00
19	0.00	---	---	---	---	---	---	48	54	226	184	0.00
20	---	---	---	---	---	---	0.00	50	64	226	177	0.00
21	---	---	---	---	---	---	0.00	25	69	219	179	0.00
22	---	---	---	---	---	---	0.00	6.2	88	196	191	0.00
23	---	---	---	---	---	---	0.00	15	87	193	211	0.00
24	---	---	---	---	---	---	0.00	42	94	193	219	0.00
25	---	---	---	---	---	---	0.00	48	99	168	224	0.00
26	---	---	---	---	---	---	0.00	52	101	183	244	0.00
27	---	---	---	---	---	---	0.00	51	102	213	237	0.00
28	---	---	---	---	---	---	0.00	83	99	246	209	0.00
29	---	---	---	---	---	---	0.00	96	127	259	191	0.00
30	---	---	---	---	---	---	0.00	96	168	228	184	0.00
31	---	---	---	---	---	---	---	95	---	221	179	---
TOTAL	27.2	0	0	0	0	0	0	968.5	2526	6564	6298	1956
MEAN	1.4	---	---	---	---	---	0.000	31.2	84.2	211.8	203.1	65.2
MAX	5.7	---	---	---	---	---	0.00	96	168	273	244	201
MIN	0.00	---	---	---	---	---	0.00	0.00	28	168	177	0.00
AC-FT	54	0.00	0.00	0.00	0.00	0.00	0.00	1921	5010	13020	12490	3880
CAL YEAR 2009	MAX	260.0	MIN	0.000	AC-FT	35930						
WTR YEAR 2010	MAX	273.0	MIN	0.000	AC-FT	36380						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	35	65	93	84
2	0.00	---	---	---	---	---	---	0.00	36	66	93	84
3	0.00	---	---	---	---	---	---	0.00	29	73	92	87
4	0.00	---	---	---	---	---	---	0.00	41	81	89	82
5	0.00	---	---	---	---	---	---	0.00	41	66	88	78
6	0.00	---	---	---	---	---	---	0.00	39	56	88	77
7	0.00	---	---	---	---	---	---	0.00	38	56	86	76
8	0.00	---	---	---	---	---	---	0.00	38	53	88	72
9	0.00	---	---	---	---	---	---	0.00	36	50	104	70
10	0.00	---	---	---	---	---	---	0.01	38	52	107	58
11	0.00	---	---	---	---	---	---	12	43	66	97	48
12	0.00	---	---	---	---	---	---	21	38	83	94	48
13	0.00	---	---	---	---	---	---	14	33	103	92	49
14	0.00	---	---	---	---	---	---	13	34	103	92	48
15	0.00	---	---	---	---	---	---	14	32	113	94	45
16	0.00	---	---	---	---	---	---	23	31	113	94	27
17	0.00	---	---	---	---	---	---	25	30	109	94	8.4
18	0.00	---	---	---	---	---	---	23	28	107	87	6.7
19	0.00	---	---	---	---	---	---	22	28	107	84	5.9
20	---	---	---	---	---	---	0.00	24	28	107	84	6.0
21	---	---	---	---	---	---	0.00	24	27	102	83	6.4
22	---	---	---	---	---	---	0.00	23	27	98	83	6.6
23	---	---	---	---	---	---	0.00	22	27	97	89	7.5
24	---	---	---	---	---	---	0.00	24	27	98	101	6.2
25	---	---	---	---	---	---	0.00	26	26	98	107	5.9
26	---	---	---	---	---	---	0.00	18	27	99	107	6.2
27	---	---	---	---	---	---	0.00	22	28	103	106	3.2
28	---	---	---	---	---	---	0.00	39	27	108	95	0.00
29	---	---	---	---	---	---	0.00	35	50	111	88	0.00
30	---	---	---	---	---	---	0.00	36	65	105	85	0.00
31	---	---	---	---	---	---	---	37	---	97	84	---
TOTAL	0	0	0	0	0	0	0	497.01	1027	2745	2868	1102
MEAN	0.000	---	---	---	---	---	0.000	16.1	34.2	88.5	92.4	36.7
MAX	0.00	---	---	---	---	---	0.00	39	65	113	107	87
MIN	0.00	---	---	---	---	---	0.00	0.00	26	50	83	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	986	2037	5445	5689	2186
CAL YEAR 2009	MAX	118.0	MIN	0.000	AC-FT	14710						
WTR YEAR 2010	MAX	113.0	MIN	0.000	AC-FT	16340						

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 fair, 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 1,550 cubic feet per second August 2, gage height 4.85 feet; minimum daily flow 49 cubic feet per second May 26 & 27.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	185	211	100e	125e	126	438	367	144	59	154	1360	1110
2	146	191	100e	125e	129	458	353	133	64	218	1490	731
3	127	166	110e	125e	130	456	346	126	52	245	1450	596
4	120	156	110e	125e	135	444	347	129	61	297	1360	580
5	131	152	110e	125e	137	429	356	122	61	478	1270	590
6	138	152	110e	110e	137	421	450e	128	60	390	1280	596
7	131	147	100e	60e	139	409	527	131	73	359	1220	581
8	126	146	100e	80e	136	440	477	119	117	305	1130	712
9	121	137	95e	100e	99	551	463	110	88	271	1100	914
10	123	133	90e	110e	121	517	451	105	88	253	1220	1080
11	120	133	90e	120e	174	485	447	111	240	194	1170	1150
12	119	130	90e	125e	171	453	451	109	385	157	1120	1170
13	134	129	95e	125e	170	434	445	64	356	161	1090	1200
14	153	195	90e	120e	253	485	313	51	382	120	1030	1170
15	140	192	90e	120e	275	485e	235	53	288	173	1000	1150
16	132	159	95e	120e	307	485	192	84	221	327	1000	1170
17	127	142	100e	120e	310	417	173	106	167	566	1120	1150e
18	126	138	115e	115e	326	431	162	91	134	868	1070	1150e
19	125	138	120e	110e	343	413	158	80	123	897	1030	1100e
20	123	140	120e	110e	322	404	186	112	102	789	1040	1100e
21	142	135	120e	116e	307	410	175	109	98	776	1040	1080e
22	184	131	120e	120	293	418	163	122	106	835	1030	1070
23	167	133	115e	129	284	408	221	98	157	829	980	1170
24	146	134	100e	130	281	404	240	60	112	784	935	1100
25	138	138	95e	123	274	400	216	52	92	808	1040	1100
26	129	135	90e	130	286	386	185	49	77	789	1110	1080
27	127	90e	100e	129	378	376	168	49	66	750	1130	1100
28	125	90e	120e	125	414	369	168	68	68	784	1190	1100
29	135	100e	120e	126	---	374	163	65	112	912	1210	1110
30	162	100e	125e	125	---	376	152	64	161	1160	1220	1100
31	174	---	125e	124	---	375	---	58	---	1300	1220	---
TOTAL	4276	4273	3260	3647	6457	13351	8750	2902	4170	16949	35655	30010
MEAN	138.0	142.3	105.2	117.7	230.6	430.7	291.6	93.7	139.1	546.6	1150	999.6
MAX	185	211	125	130	414	551	527	144	385	1300	1490	1200
MIN	119	90	90	60	99	369	152	49	52	120	935	580
AC-FT	8481	8475	6466	7234	12810	26480	17360	5756	8271	33620	70720	59520
CAL YEAR 2009	TOTAL		56954	MEAN	156.0	MAX	1580	MIN	47.0	AC-FT	113000	
WTR YEAR 2010	TOTAL		133700	MEAN	366.3	MAX	1490	MIN	49.0	AC-FT	265200	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	---	---	---	---	---	---	0.00	17	29	17	28
2	12	---	---	---	---	---	---	0.00	27	29	18	27
3	11	---	---	---	---	---	---	0.00	29	29	18	26
4	12	---	---	---	---	---	---	0.00	30	27	18	26
5	13	---	---	---	---	---	---	0.00	30	28	24	26
6	14	---	---	---	---	---	---	0.00	26	26	22	26
7	12	---	---	---	---	---	---	0.00	26	26	21	26
8	9.5	---	---	---	---	---	---	0.00	33	25	23	25
9	5.4	---	---	---	---	---	---	0.00	26	22	29	26
10	5.5	---	---	---	---	---	---	0.00	24	22	27	26
11	5.7	---	---	---	---	---	---	0.00	26	21	19	24
12	5.8	---	---	---	---	---	---	0.00	7.2	26	16	21
13	6.4	---	---	---	---	---	---	0.00	5.9	20	12	20
14	6.0	---	---	---	---	---	---	0.00	5.9	17	23	19
15	5.4	---	---	---	---	---	---	0.00	5.9	26	26	17
16	5.4	---	---	---	---	---	---	0.00	5.9	29	24	16
17	5.4	---	---	---	---	---	---	0.00	5.9	29	19	16
18	5.4	---	---	---	---	---	---	12	5.7	30	17	16
19	---	---	---	---	---	---	---	20	5.7	30	18	16
20	---	---	---	---	---	---	0.00	21	5.7	30	22	15
21	---	---	---	---	---	---	0.00	18	5.7	30	32	15
22	---	---	---	---	---	---	0.00	18	5.7	31	38	15
23	---	---	---	---	---	---	0.00	19	6.5	32	46	16
24	---	---	---	---	---	---	0.00	16	7.5	33	47	15
25	---	---	---	---	---	---	0.00	14	8.6	35	40	14
26	---	---	---	---	---	---	0.00	14	9.2	33	38	14
27	---	---	---	---	---	---	0.00	14	10	30	35	14
28	---	---	---	---	---	---	0.00	14	11	31	35	13
29	---	---	---	---	---	---	0.00	16	17	30	30	14
30	---	---	---	---	---	---	0.00	17	28	28	30	14
31	---	---	---	---	---	---	---	17	---	21	29	---
TOTAL	152.9	0	0	0	0	0	0	230	457	855	813	586
MEAN	8.5	---	---	---	---	---	0.000	7.4	15.3	27.6	26.2	19.5
MAX	14	---	---	---	---	---	0.00	21	33	35	47	28
MIN	5.4	---	---	---	---	---	0.00	0.00	5.7	17	12	13
AC-FT	303	0.00	0.00	0.00	0.00	0.00	0.00	456	906	1696	1613	1162
CAL YEAR 2009	MAX		45.0	MIN	0.000	AC-FT	5670					
WTR YEAR 2010	MAX		47.0	MIN	0.000	AC-FT	6137					

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 490 cubic feet per second June 11, gage height 3.11 feet; maximum gage height estimated at 4.62 feet on December 13, due to backwater from ice conditions; minimum daily discharge 95 cubic feet per second estimated December 13.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	133	159	158	125e	159	166	160	168	131	124	146	126
2	128	158	153	125e	157	172	161	166	122	124	156	127
3	130	157	148	125e	161	180	157	166	122	126	154	126
4	134	153	170e	125e	167	174	157	169	119	152	151	132
5	139	153	165e	125e	166	173	158	163	116	186	149	136
6	144	155	140e	125e	162	182	170	166	123	153	146	136
7	130	152	140e	125e	163	174	193	169	143	158	143	134
8	134	155	140e	125e	159	185	178	164	184	149	140	136
9	138	155	120e	130e	162	214	169	165	153	139	137	146
10	140	152	120e	130e	153	177	166	169	134	139	189	153
11	141	158	120e	135e	156	169	164	169	330	139	185	148
12	140	161	110e	135e	157	165	166	167	312	159	154	148
13	148	161	96e	145e	163	166	171	170	228	148	156	151
14	152	156	96e	150e	155	166	194	168	206	145	144	155
15	149	160	96e	150e	147	161	174	170	165	136	141	158
16	148	161	95e	150e	151	164	168	185	156	133	145	156
17	145	155	100e	150e	153	165	166	184	152	132	168	155
18	150	156	100e	150e	158	167	166	162	152	129	155	154
19	146	158	100e	150e	159	163	167	167	158	126	150	153
20	126	160	100e	160e	156	156	180	180	160	126	147	155
21	135	160	110e	160e	159	160	181	156	163	127	134	158
22	147	158	110e	162e	155	164	174	148	162	132	126	158
23	131	157	110e	177	154	163	186	141	167	124	122	174
24	133	154	110e	158	155	157	188	143	156	122	120	165
25	139	153	120e	168	159	160	180	151	152	122	122	154
26	143	153	120e	156	169	161	169	142	152	124	122	152
27	141	156	120e	157	197	161	166	140	150	127	121	152
28	151	157	120e	156	174	158	170	138	145	127	119	150
29	150	155	120e	159	---	160	170	136	137	129	117	150
30	149	154	120e	159	---	161	169	136	127	172	118	147
31	146	---	120e	156	---	161	---	131	---	165	127	---
TOTAL	4360	4692	3747	4503	4486	5205	5138	4949	4877	4294	4404	4445
MEAN	140.7	156.3	120.8	145.2	160.2	167.8	171.3	159.6	162.5	138.6	142.1	148.3
MAX	152	161	170	177	197	214	194	185	330	186	189	174
MIN	126	152	95	125	147	156	157	131	116	122	117	126
AC-FT	8648	9306	7432	8932	8898	10320	10190	9816	9673	8517	8735	8817
CAL YEAR 2009	TOTAL		53643	MEAN	147.0	MAX	199.0	MIN	95.0	AC-FT	106400	
WTR YEAR 2010	TOTAL		55100	MEAN	151.0	MAX	330.0	MIN	95.0	AC-FT	109300	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	---	---	---	---	---	0.00	29	69	68	68
2	0.00	0.00	---	---	---	---	---	0.00	29	70	67	70
3	0.00	0.00	---	---	---	---	---	0.00	28	69	67	75
4	0.00	0.00	---	---	---	---	---	0.00	27	64	70	66
5	0.00	---	---	---	---	---	---	0.00	27	66	67	64
6	0.00	---	---	---	---	---	---	0.00	27	61	81	61
7	0.00	---	---	---	---	---	---	0.00	30	57	89	51
8	0.00	---	---	---	---	---	---	0.00	35	56	87	52
9	0.00	---	---	---	---	---	---	0.00	32	47	87	54
10	0.00	---	---	---	---	---	---	0.00	30	48	90	54
11	0.00	---	---	---	---	---	---	0.00	36	56	79	51
12	0.00	---	---	---	---	---	---	0.00	34	54	66	48
13	0.00	---	---	---	---	---	0.00	0.00	30	53	67	48
14	0.00	---	---	---	---	---	0.00	0.00	24	67	68	45
15	0.00	---	---	---	---	---	0.00	0.00	11	73	68	42
16	0.00	---	---	---	---	---	0.00	0.00	3.9	88	68	41
17	0.00	---	---	---	---	---	0.00	3.1	6.3	91	71	32
18	0.00	---	---	---	---	---	0.00	7.0	10	89	67	4.6
19	0.00	---	---	---	---	---	0.00	19	9.3	88	62	4.1
20	0.00	---	---	---	---	---	0.00	32	8.3	88	62	4.5
21	0.00	---	---	---	---	---	0.00	39	4.9	91	63	2.3
22	0.00	---	---	---	---	---	0.00	39	3.6	94	69	2.5
23	0.00	---	---	---	---	---	0.00	37	6.4	79	76	4.4
24	0.00	---	---	---	---	---	0.00	35	4.9	70	84	3.4
25	0.00	---	---	---	---	---	0.00	34	7.0	72	86	3.3
26	0.00	---	---	---	---	---	0.00	32	7.7	72	80	3.0
27	0.00	---	---	---	---	---	0.00	33	4.8	83	83	2.9
28	0.00	---	---	---	---	---	0.00	33	9.0	94	87	2.7
29	0.00	---	---	---	---	---	0.00	33	45	91	81	2.7
30	0.00	---	---	---	---	---	0.00	31	64	85	75	2.7
31	0.00	---	---	---	---	---	---	30	---	72	72	---
TOTAL	0	0	0	0	0	0	0	437.1	624.1	2257	2307	965.1
MEAN	0.000	0.000	---	---	---	---	0.000	14.1	20.8	72.7	74.4	32.1
MAX	0.00	0.00	---	---	---	---	0.00	39	64	94	90	75
MIN	0.00	0.00	---	---	---	---	0.00	0.00	3.6	47	62	2.3
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	867	1238	4477	4576	1914
CAL YEAR 2009	MAX	106.0	MIN	0.000	AC-FT	15490						
WTR YEAR 2010	MAX	94.0	MIN	0.000	AC-FT	13070						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	---	---	---	---	---	---	0.40	1.9	4.3	20	13
2	7.7	---	---	---	---	---	---	0.41	2.8	4.0	5.7	8.9
3	5.2	---	---	---	---	---	---	0.41	2.8	4.1	5.1	4.4
4	5.6	---	---	---	---	---	---	0.47	2.7	4.6	4.3	8.7
5	6.3	---	---	---	---	---	---	0.38	3.1	6.1	3.8	15
6	7.4	---	---	---	---	---	---	0.21	3.7	7.4	3.4	19
7	10	---	---	---	---	---	---	0.41	4.4	7.1	3.3	26
8	8.9	---	---	---	---	---	---	0.33	7.0	6.4	3.7	31
9	4.8	---	---	---	---	---	---	0.06	7.4	5.7	8.1	36
10	5.7	---	---	---	---	---	---	0.31	6.1	5.3	8.1	39
11	6.6	---	---	---	---	---	---	0.31	11	5.3	7.8	34
12	7.2	---	---	---	---	---	---	0.36	17	4.8	6.3	21
13	9.2	---	---	---	---	---	0.00	0.37	15	4.6	5.3	28
14	11	---	---	---	---	---	0.00	0.11	9.0	6.4	5.2	30
15	---	---	---	---	---	---	0.00	0.42	1.5	6.7	5.2	31
16	---	---	---	---	---	---	0.00	1.4	1.3	7.5	4.6	31
17	---	---	---	---	---	---	0.00	1.6	1.2	9.7	4.7	32
18	---	---	---	---	---	---	0.00	1.2	1.0	12	3.6	25
19	---	---	---	---	---	---	0.57	0.83	0.85	11	2.4	13
20	---	---	---	---	---	---	0.60	0.88	0.85	10	4.4	6.6
21	---	---	---	---	---	---	0.60	0.88	0.86	9.6	9.6	7.2
22	---	---	---	---	---	---	0.60	0.89	0.86	9.6	8.6	6.6
23	---	---	---	---	---	---	0.68	0.90	0.87	9.3	12	8.2
24	---	---	---	---	---	---	0.95	0.80	0.88	9.6	14	8.1
25	---	---	---	---	---	---	0.95	0.80	1.2	9.6	15	7.1
26	---	---	---	---	---	---	0.72	1.0	4.2	10	17	6.6
27	---	---	---	---	---	---	0.43	1.4	5.2	9.1	19	6.5
28	---	---	---	---	---	---	0.39	1.3	5.0	9.0	19	6.2
29	---	---	---	---	---	---	0.46	1.4	3.8	14	12	6.1
30	---	---	---	---	---	---	0.42	1.4	4.3	21	10	5.6
31	---	---	---	---	---	---	---	1.4	---	20	11	---
TOTAL	106.6	0	0	0	0	0	7.37	23.04	127.77	263.8	262.2	520.8
MEAN	7.7	---	---	---	---	---	0.41	0.74	4.3	8.5	8.5	17.4
MAX	11	---	---	---	---	---	0.95	1.6	17	21	20	39
MIN	4.8	---	---	---	---	---	0.00	0.06	0.85	4.0	2.4	4.4
AC-FT	211	0.00	0.00	0.00	0.00	0.00	15	46	253	523	520	1033
CAL YEAR 2009	MAX		31.0	MIN	0.000	AC-FT	3904					
WTR YEAR 2010	MAX		39.0	MIN	0.000	AC-FT	2601					

NORTH PLATTE RIVER BASIN

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 232 cubic feet per second June 13, gage height 3.20 feet; minimum daily discharge 24 cubic feet per second February 25 - 27.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	52	58	46	36	31	25	33	36	74	84	112	95
2	51	62	45	36	31	25	32	37	72	83	117	96
3	50	62	44	36	31	26	32	38	72	85	108	102
4	50	61	43	36	31	28	31	39	70	98	106	113
5	50	61	44	36	31	28	31	39	68	117	106	112
6	49	61	43	35	30	33	31	40	66	113	102	101
7	48	59	42	35e	30	31	32	41	70	116	107	96
8	47	58	42	35e	30	32	31	41	81	115	108	93
9	46	57	41	35e	30	37	31	42	73	109	99	102
10	46	56	40	34	29	36	31	43	73	104	114	102
11	45	56	40	34	29	36	31	43	96	103	126	98
12	44	56	40	34	29	36	32	44	146	107	119	91
13	45	55	40	34	29	36	33	44	152	94	102	89
14	45	54	39	33	28	36	33	46	172	94	100	91
15	44	53	38	33	28	36	33	46	122	82	104	82
16	44	53	38	33	28	36	32	38	102	87	106	81
17	43	52	39	33	28	36	31	31	92	93	135	64
18	43	52	39	33	28	36	32	30	85	92	144	59
19	43	51	39	33	28	35	32	37	81	93	147	58
20	43	51	39	33	27	34	33	49	87	91	138	57
21	44	51	39	33	28	35	33	49	86	92	113	57
22	45	50	38	33	27	34	33	39	94	115	99	55
23	48	49	38	33	26	34	34	38	93	118	93	56
24	49	49	38	33	25	34	34	42	88	117	97	54
25	48	48	39	32	24	34	34	41	94	118	87	53
26	48	47	42	32	24	34	33	43	91	104	86	53
27	48	47	38	32	24	34	34	45	87	89	87	52
28	47	47	37	31	25	33	34	46	82	78	98	52
29	47	46	37	31	---	34	35	67	78	86	97	51
30	49	46	37	31	---	34	36	76	90	101	96	50
31	49	---	37	31	---	33	---	76	---	107	82	---
TOTAL	1450	1608	1241	1039	789	1031	977	1366	2737	3085	3335	2315
MEAN	46.7	53.7	40.0	33.6	28.2	33.2	32.5	44.0	91.3	99.5	107.6	77.1
MAX	52	62	46	36	31	37	36	76	172	118	147	113
MIN	43	46	37	31	24	25	31	30	66	78	82	50
AC-FT	2876	3189	2461	2061	1565	2045	1938	2709	5429	6119	6615	4592

CAL YEAR 2009	TOTAL	16882	MEAN	46.3	MAX	114.0	MIN	18.0	AC-FT	33480
WTR YEAR 2010	TOTAL	20973	MEAN	57.5	MAX	172.0	MIN	24.0	AC-FT	41600

e indicates estimated discharge.

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 1,620 cubic feet per second June 14, gage height 6.04 feet; maximum gage height 6.26 feet December 6 due to ice conditions; minimum daily discharge 216 cubic feet per second February 6.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	459	543	385	380e	236	725	627	401	316	428	1410	1280
2	398	578	389	380e	232	714	607	390	316	425	1470	1130
3	373	549	393	380e	223	787	592	383	323	462	1520	878
4	362	510	377	380e	220	790	585	378	323	534	1470	861
5	368	480	368	380e	222	789	584	347	333	754	1380	858
6	384	465	315e	380e	216	858	605	349	331	817	1300	831
7	391	446	310e	380e	217	843	802	358	374	730	1280	811
8	404	418	310e	380e	217	896	816	357	481	699	1180	843
9	403	405	310e	380e	250e	1130	734	350	469	622	1080	1020
10	393	394	310e	380e	260e	1190	703	357	426	567	1170	1100
11	386	390	300e	380e	275e	1030	677	351	664	511	1270	1220
12	384	386	300e	380e	280e	936	673	354	1200	489	1180	1240
13	396	379	300e	403	325e	894	691	347	1420	486	1130	1280
14	425	383	290e	404	532	901	697	319	1540	436	1080	1310
15	413	442	282e	399	562	898	581	310	1240	442	1050	1280
16	394	443	280e	393	634	877	530	325	951	472	1070	1220
17	374	460	290e	395	632	855	503	336	748	606	1220	1250
18	364	455	290e	390	620	828	491	309	605	775	1320	1250
19	356	444	290e	377	649	798	469	339	560	980	1250	1270
20	337	431	300e	356	628	765	485	396	532	956	1230	1300
21	355	419	300e	340	628	754	523	391	513	941	1220	1290
22	411	420	300e	345	623	748	491	357	540	1020	1120	1210
23	434	425	325e	362	630	727	507	324	550	1040	1070	1250
24	404	433	325e	347	624	711	583	335	551	1010	1050	1250
25	378	432	325e	286	614	692	591	296	504	985	1060	1160
26	373	420	350e	312	613	670	522	285	473	967	1140	1100
27	370	411	350e	319	668	634	483	284	451	912	1190	1070
28	374	402	370e	282	729	594	449	299	444	846	1240	1080
29	403	396	370e	268	---	577	431	323	388	871	1290	1090
30	487	390	380e	269	---	621	418	337	423	1070	1300	1080
31	480	---	380e	242	---	642	---	319	---	1310	1300	---
TOTAL	12233	13149	10164	11049	12559	24874	17450	10606	17989	23163	38040	33812
MEAN	394.6	438.3	327.9	356.4	448.5	802.3	581.7	342.1	599.6	747.5	1227	1127
MAX	487	578	393	404	729	1190	816	401	1540	1310	1520	1310
MIN	337	379	280	242	216	577	418	284	316	425	1050	811
AC-FT	24260	26080	20160	21920	24910	49340	34610	21040	35680	45940	75450	67070
CAL YEAR 2009	TOTAL		139344	MEAN	381.8	MAX	1670	MIN	216.0	AC-FT	276400	
WTR YEAR 2010	TOTAL		225088	MEAN	616.7	MAX	1540	MIN	216.0	AC-FT	446500	

e indicates estimated discharge.

SOUTH PLATTE RIVER BASIN

LODGEPOLE 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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.4	2.7	2.3	2.0e	1.8e	1.7	1.8	2.1	2.8	3.2	1.7	1.4
2	0.99	2.6	2.3	2.0e	1.8e	1.7	1.7	2.0	2.4	3.2	1.7	1.3
3	0.98	2.7	2.3	2.0e	1.8e	1.7	1.7	2.0	2.2	3.1	1.6	1.3
4	0.94	2.6	2.3	2.0e	1.8e	1.7	1.8	2.0	2.2	4.5	1.6	1.3
5	0.97	2.6	2.3	2.0e	1.8e	1.7	1.8	2.1	3.0	9.1	1.6	1.4
6	1.7	2.6	2.3	2.0e	1.8e	1.6	1.8	2.1	4.0	4.5	1.6	1.4
7	1.8	2.6	2.2	2.0e	1.8e	1.6	1.8	2.1	4.2	3.4	1.6	1.3
8	1.9	2.6	2.2e	2.0e	1.8e	1.6	1.8	2.1	3.8	3.3	1.6	1.4e
9	2.0	2.6	2.2e	2.0e	1.8e	1.6	1.8	2.2	2.8	3.3	1.6	1.4e
10	2.1	2.6	2.2e	1.9e	1.8e	1.6	1.8	2.2	2.8	3.2	1.6	1.4e
11	2.1	2.6	2.2	1.9e	1.8e	1.6	1.8	2.3	2.9	3.2	1.6	1.4e
12	2.2	2.6	2.2	1.9e	1.8e	1.6	1.9	2.5	3.1	3.2	1.5	1.4e
13	2.5	2.6	2.2	1.9e	1.8e	1.6	1.8	2.4	3.2	3.1	1.5	1.4e
14	2.7	2.6	2.1	1.9e	1.8e	1.6	1.8	2.3	3.0	3.0	1.6	1.4e
15	2.5	2.6	2.1	1.9e	1.8	1.6	1.9	2.6	3.0	2.9	1.7	1.4e
16	2.5	2.6	2.1	1.9e	1.8	1.6	1.9	2.5	3.0	2.8	1.7	1.4e
17	2.5	2.6	2.2	1.9e	1.8	1.7	1.9	2.4	2.9	2.7	1.6	1.4e
18	2.6	2.6	2.1	1.9e	1.8	1.7	1.9	2.5	3.2	2.7	1.6	1.4e
19	2.6	2.6	2.0	1.9e	1.8	1.7	1.9	2.7	3.2	2.6	1.6	1.4e
20	2.2	2.5	2.1	1.9e	1.8	1.7	2.0	2.5	2.9	2.5	1.6	1.4e
21	2.0	2.5	2.1	1.9e	1.7	1.7	2.1	2.6	2.7	2.4	1.5	1.4e
22	2.2	2.5	2.0	1.9e	1.7	1.7	2.4	2.6	2.7	2.4	1.5	1.4e
23	2.3	2.5	2.0e	1.9e	1.7	1.7	2.6	2.5	2.7	2.3	1.5	1.4e
24	2.3	2.4	2.0e	1.9e	1.7	1.8	2.3	2.6	2.7	2.2	1.5	1.4e
25	1.9	2.4	2.0e	1.9e	1.7e	1.7	2.2	2.5	2.9	2.2	1.4	1.4e
26	1.7	2.4	2.0e	1.9e	1.7e	1.7	2.1	2.6	3.0	2.1	1.4	1.4
27	1.8	2.4	2.0e	1.8e	1.7e	1.7	2.0	2.6	3.0	2.1	1.4	1.4
28	1.8	2.4	2.0e	1.8e	1.7	1.7	2.0	2.7	3.1	2.0	1.4	1.4
29	2.3	2.3	2.0e	1.8e	---	1.7	2.1	2.7	3.0	1.9	1.4	1.4
30	5.7	2.3	2.0e	1.8e	---	1.7	2.1	2.7	3.1	1.8	1.4	1.3
31	3.9	---	2.0e	1.8e	---	1.7	---	2.7	---	1.7	1.4	---
TOTAL	67.08	76.2	66	59.3	49.6	51.7	58.5	74.4	89.5	92.6	48	41.5
MEAN	2.2	2.5	2.1	1.9	1.8	1.7	2.0	2.4	3.0	3.0	1.6	1.4
MAX	5.7	2.7	2.3	2.0	1.8	1.8	2.6	2.7	4.2	9.1	1.7	1.4
MIN	0.94	2.3	2.0	1.8	1.7	1.6	1.7	2.0	2.2	1.7	1.4	1.3
AC-FT	133	151	131	118	98	103	116	148	178	184	95	82
CAL YEAR 2009	TOTAL		734	MEAN	2.0	MAX	15.0	MIN	0.42	AC-FT	1455	
WTR YEAR 2010	TOTAL		774	MEAN	2.1	MAX	9.1	MIN	0.94	AC-FT	1536	

SOUTH PLATTE RIVER BASIN

LOGEPOLE CREEK at Ralton, 06763500

LOCATION.--NE1/4NW1/4 Sec. 12-12-45 W., Deuel County, Lat. 41° 02' 01", Long. 102° 24' 18", on right bank 2.1 miles upstream of the CO-NE State line on Nebraska Highway 23, 5.5 miles southeast of Chappell, NE on Nebraska Highway 23.

DRAINAGE AREA.--Approximately 3,307 square miles.

GAGE.--Continuous stage recorder. Datum of gage is 3,590 feet, from topographic map.

PERIOD OF RECORD.--March to September 1931, June 1951 to September 1979 (discontinued), operated by the Department of Natural Resources October 1, 2001 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1979. Records of discharge are fair, except estimated records and records below 5 cubic feet per second are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,560 cubic feet per second August 15, 1968, gage height 6.49 feet from rating curve extended above 1,200 cubic feet per second on basis of slope-area measurement of peak flow; minimum daily discharge of no flow many years since 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge was 786 cubic feet per second on July 8 at gage height 5.37 feet; minimum daily discharge was 0.21 cubic feet per second October 1 & 10.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.21	0.57	1.8	1.9e	1.7e	2.4e	2.2	2.7	1.8	0.91	4.7	2.8
2	0.23	0.53	1.6	1.9e	1.9e	2.2e	2.2	2.7	1.7	0.87	4.7	2.6
3	0.23	0.54	1.5	1.9e	1.9e	2.2e	2.2	2.6	1.6	0.89	5.2	2.3
4	0.23	0.56	1.6	1.8e	1.8e	2.0e	2.1	2.6	1.6	0.87	5.1	2.3
5	0.26	0.60	1.6	1.8e	1.7e	1.8e	2.1	2.5	1.6	1.2	5.1	2.3
6	0.25	0.60	1.9	1.7e	1.8e	1.8	2.3	2.5	1.5	1.3	5.0	2.3
7	0.25	0.63	1.6	1.6e	1.7e	1.9	2.4	2.5	1.5	1.4	4.9	2.2
8	0.23	0.71	1.9	1.8e	1.7e	2.5	2.4	2.5	1.7	461	4.5	2.3
9	0.25	0.80	1.7	1.8e	1.8e	3.8	2.4	2.5	1.8	210	4.5	2.5
10	0.21	0.96	1.7	2.0e	2.0e	4.0	2.3	2.7	1.8	109	7.3	2.5
11	0.46	1.3	1.6	1.9e	2.1e	3.6	2.2	2.7	1.9	83	7.1	2.4
12	0.32	1.3	1.5	1.9e	1.9e	3.5	2.3	2.8	6.2	55	5.3	2.4
13	0.32	1.3	1.5	1.7e	1.9e	3.0	2.4	2.8	16	35	4.8	2.5
14	0.33	1.3	1.6e	1.8e	1.8e	3.0	2.4	2.8	5.3	24	4.6	2.5
15	0.31	1.4	1.6e	1.8e	1.7e	2.7	2.3	2.8	3.3	18	4.4	2.4
16	0.27	1.3	1.5e	1.6e	2.0e	2.6	2.3	3.0	2.7	16	4.5	2.4
17	0.27	1.4	1.6e	1.7e	2.0e	2.6	2.2	3.0	2.3	14	4.6	2.5
18	0.28	1.4	1.6e	1.6e	2.1e	2.6	2.2	2.8	2.0	12	4.5	2.4
19	0.27	1.4	1.7e	1.6e	2.1e	2.5	2.3	3.0	1.9	12	4.5	2.5
20	0.28	1.3	1.6e	1.6e	2.0e	2.5	2.4	2.9	1.8	11	4.2	2.6
21	0.30	1.4	1.6e	1.6e	2.1e	2.4	2.4	2.8	1.7	11	4.0	2.7
22	0.34	1.3	1.8e	1.6e	2.0e	2.6	2.4	2.7	1.6	12	3.5	2.8
23	0.35	1.3	1.8e	1.7e	2.1e	2.5	2.6	2.5	1.5	12	3.3	2.9
24	0.36	1.5	1.9e	1.6e	2.2e	2.3	2.8	2.3	1.4	11	3.1	2.7
25	0.36	1.5	1.9e	1.6e	2.1e	2.3	3.1	2.2	1.4	10	3.0	2.6
26	0.36	1.5	1.9e	1.6e	2.4e	2.4	3.1	2.3	1.4	9.1	2.9	2.6
27	0.38	1.5	2.0e	1.6e	2.6e	2.3	3.1	2.1	1.3	8.1	2.8	2.6
28	0.40	1.5	1.9e	1.5e	2.5e	2.2	3.1	2.1	1.2	6.9	2.8	2.6
29	0.41	1.6	2.0e	1.6e	---	2.2	2.9	2.0	1.0	6.3	2.8	2.6
30	0.30	1.6	2.0e	1.6e	---	2.2	2.8	1.9	0.99	5.6	2.7	2.6
31	0.64	---	1.9e	1.7e	---	2.3	---	1.8	---	5.1	2.6	---
TOTAL	9.66	34.6	53.4	53.1	55.6	78.9	73.9	79.1	73.49	1164.54	133	75.4
MEAN	0.31	1.2	1.7	1.7	2.0	2.5	2.5	2.6	2.4	37.6	4.3	2.5
MAX	0.64	1.6	2.0	2.0	2.6	4.0	3.1	3.0	16	461	7.3	2.9
MIN	0.21	0.53	1.5	1.5	1.7	1.8	2.1	1.8	0.99	0.87	2.6	2.2
AC-FT	19	69	106	105	110	156	147	157	146	2310	264	150
CAL YEAR 2009	TOTAL		108	MEAN	0.30	MAX	2.0	MIN	0.000	AC-FT	214	
WTR YEAR 2010	TOTAL		1885	MEAN	5.2	MAX	461.0	MIN	0.21	AC-FT	3738	

e indicates estimated discharge.

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	32	7.2	0.00	---	---	---	---	91	80	36	98	66
2	31	13	0.00	---	---	---	---	100	93	0.00	92	65
3	28	18	0.00	---	---	---	---	104	96	0.00	88	70
4	28	17	0.00	---	---	---	---	99	88	0.00	83	76
5	28	22	0.00	---	---	---	---	79	77	0.00	76	82
6	28	29	0.00	---	---	---	---	52	72	0.00	71	86
7	21	34	0.00	---	---	---	---	86	67	16	79	94
8	22	32	0.00	---	---	---	---	79	63	30	73	99
9	22	18	0.00	---	---	---	---	58	50	63	85	105
10	28	4.7	0.00	---	---	---	---	52	0.00	64	137	105
11	30	8.0	0.00	---	---	---	---	48	0.00	52	130	108
12	34	12	0.00	---	---	---	---	38	0.00	45	145	113
13	36	21	0.00	---	---	---	---	30	0.00	27	150	108
14	38	19	---	---	---	---	---	14	0.00	79	154	96
15	37	18	---	---	---	---	0.00	0.00	0.00	117	138	97
16	35	17	---	---	---	---	0.00	0.00	0.00	112	111	97
17	32	17	---	---	---	---	0.00	0.00	9.4	109	106	93
18	29	17	---	---	---	---	0.00	0.00	61	105	117	91
19	23	14	---	---	---	---	0.00	28	77	103	127	95
20	8.5	17	---	---	---	---	0.00	63	98	101	124	94
21	0.51	15	---	---	---	---	0.00	86	113	100	119	93
22	46	11	---	---	---	---	0.00	92	109	97	115	89
23	47	8.0	---	---	---	---	0.00	92	78	114	111	87
24	49	5.0	---	---	---	---	0.00	81	66	158	103	85
25	31	7.0	---	---	---	---	0.00	71	75	156	96	84
26	27	21	---	---	---	---	0.00	68	59	137	91	84
27	31	25	---	---	---	---	0.00	77	40	128	85	82
28	38	0.00	---	---	---	---	123	91	74	127	81	80
29	28	0.00	---	---	---	---	118	89	110	125	79	80
30	2.8	0.00	---	---	---	---	89	65	85	117	73	77
31	3.3	---	---	---	---	---	---	30	---	110	67	---
TOTAL	874.11	446.9	0	0	0	0	330	1863	1740.4	2428	3204	2681
MEAN	28.2	14.9	0.000	---	---	---	20.6	60.1	58.1	78.3	103.4	89.4
MAX	49	34	0.00	---	---	---	123	104	113	158	154	113
MIN	0.51	0.00	0.00	---	---	---	0.00	0.00	0.00	0.00	67	65
AC-FT	1734	886	0.00	0.00	0.00	0.00	655	3695	3452	4816	6355	5318
CAL YEAR 2009	MAX	138.0	MIN	0.000	AC-FT	17530						
WTR YEAR 2010	MAX	158.0	MIN	0.000	AC-FT	26910						

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 9,120 cubic feet per second June 24, gage height 11.52 feet; minimum daily discharge 167 cubic feet per second August 27 and September 30.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	364	852	646	575e	616	548	307	1240	1690	2220	299	184
2	368	942	655	600e	598	555	307	1820	1440	1790	293	176
3	382	982	637	600e	604	580	282	1990	1280	1430	277	192
4	392	1000	660	650e	645	595	267	2070	1110	1230	277	209
5	400	1040	681	650e	650	610	265	2080	1020	1120	267	223
6	432	1060	681	650e	627	630	283	2070	948	1050	262	225
7	478	1060	584e	700e	622	615	327	1900	900	911	253	223
8	497	1100	374e	700e	615	658	305	1640	1120	795	249	220
9	514	1150	422e	800e	580	793	272	1380	928	699	239	228
10	542	1200	409e	800e	532	839	253	1120	793	639	265	229
11	556	1150	411e	900e	516	839	259	875	812	643	290	274
12	566	1020	395e	950e	530	845	258	632	1410	581	296	279
13	574	904	414e	950e	572	870	248	498	2170	582	270	266
14	572	810	422e	950e	583	882	253	423	2860	694	248	262
15	571	778	425e	975e	564	874	252	384	3300	669	241	272
16	570	775	425e	975e	542	837	241	391	3710	615	248	278
17	563	756	425e	975e	526	787	227	380	3960	581	279	274
18	564	766	450e	948	523	733	240	366	4210	562	255	249
19	558	752	450e	1010	534	664	257	493	4670	533	241	240
20	549	741	450e	1070	534	599	270	851	5110	511	241	264
21	567	725	450e	1090	535	551	252	1170	5790	477	238	271
22	626	696	450e	1090	522	515	232	1550	7000	492	234	271
23	651	666	450e	1050	507	494	236	1880	8290	488	224	266
24	627	641	475e	996	503	469	246	2050	8890	471	212	246
25	614	614	475e	926	505	468	264	2070	7860	459	197	254
26	604	593	475e	834	512	466	271	2080	6310	463	183	255
27	585	585	475e	741	526	454	261	2030	4910	422	167	252
28	561	583	500e	683	546	443	252	1930	3860	372	201	221
29	577	603	500e	671	---	436	251	1840	2920	360	229	177
30	646	627	500e	644	---	401	457	1870	2350	349	221	167
31	754	---	575e	629	---	336	---	1870	---	322	199	---
TOTAL	16824	25171	15341	25782	15669	19386	8095	42943	101621	22530	7595	7147
MEAN	542.7	838.7	494.9	831.3	559.6	625.4	269.9	1386	3387	726.3	244.9	238.3
MAX	754	1200	681	1090	650	882	457	2080	8890	2220	299	279
MIN	364	583	374	575	503	336	227	366	793	322	167	167
AC-FT	33370	49930	30430	51140	31080	38450	16060	85180	201600	44690	15060	14180
CAL YEAR 2009	TOTAL		167847	MEAN	459.9	MAX	2740	MIN	101.0	AC-FT	332900	
WTR YEAR 2010	TOTAL		308104	MEAN	844.1	MAX	8890	MIN	167.0	AC-FT	611100	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1060	1500	1120	1330	1090	1210	1030	1910	2240	2210	2280	2220
2	997	1620	1120	1350	818	1290	1040	2180	2230	2230	2270	2230
3	966	1630	758	1400	1050	1320	981	2230	2230	2220	2270	2210
4	974	1590	750	1330	1050	1370	903	2260	2110	2220	2270	2160
5	1000	1550	577	1470	1050	1430	961	2250	2240	2240	2290	2170
6	1060	1540	598	1300	1050	1570	985	2240	2160	2220	2280	2150
7	1170	1540	350	1200	1000	1530	1390	2230	2190	2230	2280	2210
8	1060	1530	300	1190	887	1560	1370	2240	2240	2240	2280	2210
9	1110	1550	350	1060	702	1960	1250	2230	2240	2260	2280	2210
10	1130	1570	500	1000	718	2150	1140	2170	2170	2260	2280	2220
11	1130	1550	750	1050	815	2030	1090	2200	2210	2250	2280	2200
12	1140	1480	684	1180	1020	1820	1200	2100	2230	2260	2270	2210
13	1150	1400	713	1270	1100	1750	1120	1940	2230	2260	2270	2190
14	1190	1310	702	1060	997	1730	1200	1660	2210	2250	2270	2220
15	1180	1330	902	1350	814	1690	1220	1580	2210	2260	2260	2220
16	1150	1320	964	1190	806	1640	1160	1530	2210	2250	2260	2200
17	1130	1260	933	1300	904	1610	1090	1490	2220	2240	2240	2210
18	1120	1260	774	1400	1280	1570	1070	1450	2210	2260	2250	2210
19	1100	1250	803	1490	1100	1510	1060	1730	2230	2260	2250	2200
20	1090	1230	1050	1450	1070	1460	1250	2190	2220	2270	2240	2210
21	1150	1210	1400	1540	1150	1410	1370	2250	2200	2250	2240	2210
22	1290	1190	1480	1730	1090	1380	1350	2200	2230	2270	2240	2200
23	1310	1160	1500	1750	998	1330	1290	2240	2230	2260	2220	2200
24	1200	1150	1450	1510	979	1260	1320	2190	2220	2260	2230	2210
25	1160	1130	1300	1370	1110	1300	1360	2220	2220	2250	2230	2210
26	1120	1100	1200	1050	1090	1200	1210	2220	2220	2270	2220	2200
27	1060	1080	1200	1300	1100	1220	1300	2230	2200	2260	2190	2210
28	1030	1070	1210	1010	1240	1230	1300	2230	2200	2260	2180	2190
29	1110	1080	1140	931	---	1200	1250	2220	2220	2280	2200	2220
30	1230	1100	1270	1280	---	1130	1440	2230	2230	2270	2210	2050
31	1360	---	1390	1130	---	1100	---	2230	---	2280	2210	---
TOTAL	34927	40280	29238	39971	28078	45960	35700	64270	66400	69800	69740	65960
MEAN	1127	1342	943.1	1289	1003	1483	1189	2073	2213	2251	2250	2199
MAX	1360	1630	1500	1750	1280	2150	1440	2260	2240	2280	2290	2230
MIN	966	1070	300	931	702	1100	903	1450	2110	2210	2180	2050
AC-FT	69280	79890	57990	79280	55690	91160	70810	127500	131700	138400	138300	130800
CAL YEAR 2009	TOTAL		419691	MEAN	1150	MAX	2260	MIN	300.0	AC-FT	832400	
WTR YEAR 2010	TOTAL		590324	MEAN	1617	MAX	2290	MIN	300.0	AC-FT	1171000	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5457	5952	5292	5732	5677	5622	5017	5237	5622	5457	5567	5512
2	5292	5292	5182	5787	5677	5512	5237	5677	5622	5457	5622	5567
3	5182	5347	5402	5952	5732	5402	5182	5732	5622	5512	5732	5567
4	5402	5237	5347	5897	5732	5017	5127	5732	5567	5622	5732	5512
5	5457	5072	5072	6007	5347	4912	5017	5732	5512	5787	5732	5457
6	5347	4962	4862	5952	5457	5182	5182	5677	5457	5732	5787	5402
7	5402	4912	4662	5732	5457	5292	5292	5622	5457	5677	5787	5402
8	5457	4712	4862	5567	5402	5347	5292	5567	5567	5567	5842	5402
9	5512	4812	4962	5347	4662	5512	5512	5567	5567	5512	5842	5457
10	5567	4862	5127	5237	5127	5677	5567	5512	5622	5622	5842	5457
11	5567	5292	5457	5292	5622	5622	5457	5512	5787	5677	5732	5512
12	5622	5237	5567	5292	5677	5237	5457	5512	5842	5732	5677	5512
13	5732	5017	5622	5347	5897	5127	5402	5237	6007	5677	5677	5512
14	5952	4862	5677	5402	5402	4912	5457	5072	5842	5622	5622	5567
15	5952	5017	5677	5457	4462	4912	5567	5347	5677	5567	5622	5567
16	5787	5292	5732	5127	4712	4962	5622	5622	5567	5567	5677	5622
17	5842	5457	5732	5567	5347	5017	5292	5347	5512	5567	5677	5622
18	5897	5512	5677	5512	5567	4912	5237	5237	5622	5567	5677	5622
19	5952	5457	5732	5952	5567	4762	5127	5347	5622	5567	5677	5567
20	5897	5457	5952	5567	5512	4962	4962	5732	5622	5512	5622	5622
21	5952	5402	5842	5182	5512	4912	5842	5732	5732	5512	6007	5622
22	5842	5347	6007	5182	5512	5292	5677	5677	5677	5512	5732	5787
23	5402	5237	5732	5182	5292	5347	5622	5622	5567	5457	5677	5787
24	5182	5237	5622	5237	5127	5347	5512	5622	5567	5457	5622	5677
25	5347	5127	5512	5182	5347	5017	5512	5567	5567	5512	5622	5567
26	5457	5237	5402	5402	5237	5292	5347	5567	5567	5512	5622	5512
27	5182	5072	5402	5732	5182	5072	4862	5567	5567	5512	5567	5512
28	5072	5072	5512	5677	5237	4812	5237	5567	5512	5512	5567	5512
29	4962	5127	5512	5512		--- 4912	5512	5512	5512	5512	5512	5512
30	5457	5182	5622	5622		--- 4962	5017	5567	5512	5457	5512	5512
31	5787	---	5677	5677		--- 4862	---	5567	---	5567	5512	---
MEAN	5546	5193	5466	5526	5374	5152	5338	5535	5617	5565	5681	5549
MAX	5952	5952	6007	6007	5897	5677	5842	5732	6007	5787	6007	5787
MIN	4962	4712	4662	5127	4462	4762	4862	5072	5457	5457	5512	5402
CAL YEAR 2009	MEAN	5371	MAX	6062	MIN	4362						
WTR YEAR 2010	MEAN	5463	MAX	6007	MIN	4462						

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 2010

	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	110	30
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	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	54
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151
6	0.00	0.00	0.00	87	0.00	0.00	0.00	0.00	41	0.00	0.00	205
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155	0.00	0.00	101
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33	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	41	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	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	20	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	249	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	221	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	123	204	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	128	174	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	128	117	---
TOTAL	0	0	0	87	0	0	0	0	272	390	1483	541
MEAN	0.000	0.000	0.000	2.8	0.000	0.000	0.000	0.000	9.1	12.6	47.8	18.0
MAX	0.00	0.00	0.00	87	0.00	0.00	0.00	0.00	155	128	249	205
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	173	0.00	0.00	0.00	0.00	540	774	2941	1073
CAL YEAR 2009	TOTAL		42124	MEAN	115.4	MAX	896.0	MIN	0.000	AC-FT	83550	
WTR YEAR 2010	TOTAL		2773	MEAN	7.6	MAX	249.0	MIN	0.000	AC-FT	5500	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7479	11600	10420	9272	8568	12040	24170	32580	37690	36560	31050	21840
2	7939	11540	10420	9224	8568	12500	24420	32690	37690	36450	30550	21670
3	8384	11490	10370	9176	8522	12910	24770	33000	37690	36340	30450	21510
4	8844	11430	10320	9176	8522	13150	25120	33210	37690	36340	30150	21510
5	8384	11380	10320	9129	8476	13630	25470	33420	37690	36340	29760	21350
6	8614	11320	10260	9082	8476	14120	25740	33630	37690	36120	29370	21270
7	8844	11270	10210	9082	8430	14560	26100	33840	37690	36010	29080	21190
8	9129	11210	10210	9034	8430	15010	26460	34050	37800	35900	28700	21190
9	9368	11210	10160	8986	8384	15600	26640	34160	37800	35900	28320	21190
10	9613	11160	10110	8986	8384	15930	27010	34590	37800	35680	27940	21040
11	9860	11160	10060	8939	8340	16400	27290	34700	37800	35560	27560	20960
12	10110	11110	10060	8939	8340	16750	27560	35020	37920	35560	27190	20960
13	10370	11050	10010	8939	8295	17090	27940	35130	38150	35560	27010	20880
14	10580	11050	10010	8892	8295	17520	28320	35460	38030	35460	26830	20880
15	10790	10950	9961	8892	8250	18020	28320	35560	37920	35240	26640	20880
16	11050	10950	9910	8892	8250	18530	28600	35900	37920	35020	26550	20880
17	11270	10890	9760	8844	8476	18820	28890	36010	37920	34910	26550	20720
18	11490	10840	9711	8844	8706	19190	29270	36340	37800	34810	26550	20640
19	11710	10790	9711	8844	8939	19570	29470	36560	37800	34700	26550	20570
20	11820	10790	9662	8844	9176	19950	29660	36780	37800	34590	26100	20570
21	11820	10790	9662	8798	9417	20330	29860	36900	37920	34270	25830	20570
22	11820	10730	9613	8798	9662	20640	30150	37240	37800	33950	25560	20410
23	11820	10680	9564	8798	9860	21040	30550	37350	37690	33840	25120	20410
24	11820	10630	9564	8752	10160	21510	30750	37570	37690	33730	24420	20330
25	11870	10630	9515	8752	10470	21840	31050	37690	37350	33630	23740	20330
26	11820	10580	9466	8706	10790	22080	31350	37690	37350	33520	22900	20260
27	11760	10580	9417	8706	11110	22490	31550	37690	37240	33420	22490	20260
28	11710	10520	9368	8660	11380	22820	31760	37690	37010	33000	22080	20100
29	11760	10520	9319	8660	---	23150	32170	37690	36900	32580	21920	20020
30	11710	10470	9319	8614	---	23490	32270	37690	36780	32170	21840	20020
31	11710	---	9319	8614	---	23820	---	37690	---	31550	21840	---
MEAN	10490	10980	9864	8899	9024	18210	28420	35660	37670	34800	26470	20810
MAX	11870	11600	10420	9272	11380	23820	32270	37690	38150	36560	31050	21840
MIN	7479	10470	9319	8614	8250	12040	24170	32580	36780	31550	21840	20020
CAL YEAR 2009	MEAN	6717	MAX	11870	MIN	4143						
WTR YEAR 2010	MEAN	21000	MAX	38150	MIN	7479						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41940	42440	41000	41940	35920	36800	37710	38880	42190	41700	40760	41700
2	41700	41230	41470	41940	35480	37940	35920	38880	41940	41700	41000	42440
3	41700	41000	41700	41700	35260	38650	35920	40290	42440	41940	41470	43440
4	41230	40290	41470	41470	35480	39120	36800	41000	41940	41940	41940	43690
5	41230	39590	40290	41940	35040	40530	37940	41000	41940	41940	42440	42690
6	41470	38880	40290	41940	35260	41230	39120	41230	41230	41700	42690	42690
7	40760	39120	39820	42190	35260	41470	40060	40760	41470	41470	42190	42190
8	41470	39820	39820	42190	34820	41470	41470	41000	40760	41230	41940	41940
9	41470	40290	39820	42190	34600	41700	41230	41230	40290	41000	41470	41940
10	41940	40060	39590	41940	35040	41000	38650	41230	40060	40760	40760	41940
11	41940	42190	39590	41700	35920	41000	37710	41230	40290	41000	39820	41940
12	42190	42440	39120	41470	35700	39820	38410	41700	41230	41700	40060	41940
13	42440	41470	38650	41000	36360	39590	39820	42190	42190	40760	40290	41470
14	42440	40760	37940	41700	35920	38650	41230	41700	43690	41000	40530	40760
15	42440	40760	38880	41230	37020	38410	42440	41230	44190	41230	41230	40290
16	42940	40290	39350	41000	37240	38180	41230	40290	43690	40530	41230	40290
17	43940	39820	39350	41230	36140	39120	38880	40530	43190	40760	41470	40290
18	42940	40060	40290	41230	34820	39120	38880	42190	42690	41000	42190	39820
19	41700	40760	41230	41470	35040	39120	38650	41940	41940	41000	42190	39120
20	40530	41470	41700	40060	36140	38650	40060	41940	41000	40060	42190	38410
21	41230	41700	41700	40760	36580	37240	40760	41000	40760	41000	41940	38180
22	43440	41940	41940	41000	36580	38650	41000	41700	40060	41000	41000	37940
23	42690	41470	41940	41470	35700	40060	41000	41940	39590	41230	41700	37470
24	42190	42440	42690	41700	35700	40530	40060	41000	40530	41000	41470	37470
25	41700	41700	42940	41470	36360	40060	38410	41700	41700	40530	40760	37710
26	40060	41470	42940	41000	36360	39120	37240	41700	43190	40530	40530	37020
27	38650	41470	43190	41000	35700	38180	38180	42440	43940	40530	40760	37020
28	39820	41230	42940	40760	35920	38410	40060	42440	42940	41000	41940	36360
29	42190	41230	42690	39590	---	40060	40290	42690	43190	40760	41940	36360
30	43690	41700	42440	37710	---	41230	39350	42940	42940	40760	42190	35920
31	43190	---	42190	36140	---	40060	---	42440	---	40290	41700	---
MEAN	41840	40970	40930	41100	35760	39520	39280	41370	41900	41060	41410	40010
MAX	43940	42440	43190	42190	37240	41700	42440	42940	44190	41940	42690	43690
MIN	38650	38880	37940	36140	34600	36800	35920	38880	39590	40060	39820	35920
CAL YEAR 2009	MEAN	40840		MAX	44190	MIN	35920					
WTR YEAR 2010	MEAN	40470		MAX	44190	MIN	34600					

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 2010

	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	111	267	425	549	329
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120	282	408	521	275
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107	303	376	509	195
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	295	294	478	153
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97	296	217	424	167
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102	312	238	325	162
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100	313	267	389	67
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95	251	367	352	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87	278	386	437	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	237	373	506	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112	241	399	620	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107	116	421	623	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104	184	497	616	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107	172	618	641	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116	167	589	579	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128	214	626	532	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155	214	323	314	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169	225	300	242	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	34	107	208	311	167	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	64	123	263	371	240	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	39	223	113	382	229	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	110	194	136	426	257	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	165	194	210	270	281	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	121	151	236	225	316	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	120	172	223	227	246	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	123	265	247	342	321	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	98	243	261	455	310	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	47	243	281	505	335	0.00
29	0.00	0.00	0.00	0.00	---	0.00	72	252	331	604	332	0.00
30	0.00	0.00	0.00	0.00	---	0.00	109	201	407	569	354	0.00
31	0.00	---	0.00	0.00	---	0.00	---	262	---	578	367	---
TOTAL	0	0	0	0	0	0	1102	4649	7283	12389	12412	1348
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	36.7	150.0	242.8	399.6	400.4	44.9
MAX	0.00	0.00	0.00	0.00	0.00	0.00	165	265	407	626	641	329
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87	113	217	167	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2186	9221	14450	24570	24620	2674
CAL YEAR 2009	TOTAL		45437	MEAN	124.5	MAX	649.0	MIN	0.000	AC-FT	90120	
WTR YEAR 2010	TOTAL		39183	MEAN	107.4	MAX	641.0	MIN	0.000	AC-FT	77720	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	548	1590	834	1060	1120	0.00	1560	1450	1420	1280	671	1070
2	615	1680	915	1060	1110	0.00	1690	1570	1410	1280	857	1130
3	614	1680	841	1050	972	696	0.00	385	1000	1080	735	1190
4	625	1670	843	1060	979	773	0.00	665	1410	1180	906	1320
5	546	1680	690	1050	1050	487	0.00	1180	1410	1470	982	1340
6	558	1680	912	1050	982	694	0.00	1590	1380	1450	1370	1330
7	626	1050	422	897	978	693	0.00	1600	1380	1410	1310	1630
8	618	1050	679	1080	839	765	256	1440	1450	1360	1350	1700
9	689	1050	445	1080	900	1270	916	1250	1420	1340	1270	1710
10	624	1540	444	1080	695	1710	1560	1300	1450	1100	1200	1710
11	620	0.00	426	1090	18	1710	1680	1560	1180	664	1080	1710
12	623	1260	407	1050	624	1710	0.00	1160	1310	1130	781	1700
13	611	1660	406	1070	843	1690	0.00	1300	1090	1010	297	1710
14	621	1260	410	1060	697	1610	0.00	1230	872	1090	647	1970
15	622	1260	431	537	834	1400	286	1290	1520	965	634	1920
16	480	1130	434	1060	663	1280	919	1260	1630	935	691	1900
17	287	1120	436	1060	764	1280	1550	745	1730	1090	1060	1930
18	923	976	427	800	412	274	1680	322	1710	920	1140	1920
19	1540	848	431	1470	696	925	0.00	733	1740	1020	1440	1920
20	1660	830	434	1350	552	1550	0.00	1130	1670	1010	1470	1930
21	0.00	855	838	1120	623	1670	0.00	1440	1820	824	1470	1930
22	295	837	1070	1260	755	0.00	164	1140	1800	951	1440	1920
23	917	971	1100	977	769	0.00	745	1500	1730	1100	1410	1930
24	1540	695	1060	1260	704	280	1430	1190	1080	1150	1380	1920
25	1670	1050	1060	1270	697	945	1540	1520	825	1150	1430	1900
26	1660	1060	1060	1670	772	1550	1550	1130	799	1030	1060	1840
27	1660	910	1050	849	778	1680	0.00	1150	1000	921	767	1910
28	0.00	842	1060	979	766	0.00	0.00	1230	1420	695	596	1910
29	0.00	987	1050	1180	---	0.00	205	1430	1380	759	717	1750
30	261	846	1050	1800	---	274	828	1220	1310	627	869	1910
31	924	---	1050	1790	---	927	---	1420	---	776	1030	---
TOTAL	22977	34067	22715	35169	21592	27843	18559	37530	41346	32767	32060	51660
MEAN	741.2	1135	733.0	1134	771.0	898.1	619.0	1210	1378	1056	1034	1722
MAX	1670	1680	1100	1800	1120	1710	1690	1600	1820	1470	1470	1970
MIN	0.00	0.00	406	537	18	0.00	0.00	322	799	627	297	1070
AC-FT	45570	67570	45050	69760	42830	55230	36810	74440	82010	64990	63590	102500
CAL YEAR 2009	TOTAL		187284	MEAN	513.1	MAX	2030	MIN	0.000	AC-FT	371500	
WTR YEAR 2010	TOTAL		378285	MEAN	1036	MAX	1970	MIN	0.000	AC-FT	750300	

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 PERIOD OF RECORD.--Peak discharge 8,040 cubic feet per second June 24, 2010, gage height 9.19 feet; minimum daily discharge 2.7 cubic feet per second June 30, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 8,040 cubic feet per second June 24, gage height 9.19 feet, minimum daily discharge 46 cubic feet per second October 4.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	48	95	61	105e	82	77	70	160	1070	1280	1260	564
2	49	114	60	110e	81	77	69	526	840	1010	1350	534
3	47	125	60e	110e	81	85	68	1040	672	725	1340	339
4	46	124	60e	110e	82	98	68	1280	505	614	1350	206
5	48	115	60e	110e	82	103	68	1370	400	682	1300	201
6	49	105	60e	110e	80	124	71	1500	248	538	1230	182
7	49	97	65e	110e	80	125	99	1500	252	471	1200	147
8	50	89	60e	100e	80e	133	118	1310	579	421	1170	134
9	48	82	55e	95e	78	185	111	1160	567	425	1080	213
10	49	78	50e	105e	79	252	104	944	329	499	1050	332
11	48	77	45e	110e	75	221	95	685	366	608	1110	340
12	49	76	50e	115e	79	170	90	336	1300	654	1140	392
13	52	75	55e	115e	82	146	85	247	2830	637	1060	322
14	54	72	65e	115e	80	132	89	211	3960	685	926	346
15	56	71	60e	115	80e	122	92	195	4270	646	881	374
16	57	69	67e	123	80e	112	91	196	4070	654	856	360
17	56	68	67e	134	75e	106	88	191	3890	695	1020	367
18	55	67	70e	145	75e	102	86	192	3770	878	984	366
19	54	66	70e	160	75e	95	84	217	4010	1010	921	377
20	54	66	80e	160	75e	90	83	347	4490	1110	843	407
21	59	65	80e	169	75e	88	91	698	5180	1040	795	406
22	67	64	80e	161	70e	87	95	915	6050	1100	763	365
23	80	63	90e	147	70e	85	99	1150	6980	1110	703	392
24	85	63	90e	148	70e	81	102	1390	7700	1100	615	402
25	81	63	90e	100	72	78	109	1420	7280	1060	592	380
26	73	63	100e	100e	73	77	107	1370	5530	1040	647	304
27	70	64	100e	100e	74	75	106	1320	3800	1010	689	289
28	66	63	100e	100e	77	73	103	1220	2690	886	719	252
29	71	62	100e	89	---	72	97	1140	1870	875	720	206
30	76	61	105e	86	---	72	104	1100	1390	1040	739	176
31	77	---	105e	85	---	71	---	1150	---	1150	682	---
TOTAL	1823	2362	2260	3642	2162	3414	2742	26480	86888	25653	29735	9675
MEAN	58.9	78.7	72.9	117.4	77.2	110.1	91.5	853.8	2896	827.2	958.4	322.5
MAX	85	125	105	169	82	252	118	1500	7700	1280	1350	564
MIN	46	61	45	85	70	71	68	160	248	421	592	134
AC-FT	3616	4685	4483	7224	4288	6772	5439	52520	172300	50880	58980	19190
CAL YEAR 2009	TOTAL		56135	MEAN	153.8	MAX	1890	MIN	44.0	AC-FT	111300	
WTR YEAR 2010	TOTAL		196836	MEAN	539.3	MAX	7700	MIN	45.0	AC-FT	390400	

E indicates estimated discharge.

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 good, 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 7,580 cubic feet per second June 25, combined channel flow; minimum daily discharge 75 cubic feet per second estimated December 26, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	87	345	127e	126e	112e	210	186	228	811	1310	1170	547
2	87	457	122e	123e	111e	210	181	401	682	1140	1260	507
3	86	519	108e	130e	111e	246	172	888	573	878	1300	408
4	86	524	113e	150e	114e	308	168	1230	495	836	1320	287
5	93	479	111e	170e	121e	361	164	1270	413	1140	1300	271
6	98	411	105e	165e	119e	478	175	1390	314	986	1240	261
7	97	350	100e	94e	119e	544	332	1450	305	885	1140	248
8	99	300	102e	90e	116e	542	516	1220	399	788	1090	235
9	96	258	101e	94e	97e	1090	400	1030	572	687	994	248
10	102	230	93e	110e	96e	1480	324	877	435	640	1090	336
11	102	214	99e	131e	106e	1310	271	668	392	719	1170	391
12	106	206	102e	220e	124e	917	241	415	805	786	1210	411
13	112	201	108e	243e	133e	699	220	315	2470	722	1080	415
14	122	195	117e	246e	138e	574	233	275	4000	732	877	388
15	126	188	119e	249e	137e	487	228	252	4350	698	791	438
16	125	183	133e	249e	139e	419	225	257	3870	687	782	430
17	121	176	138e	259e	150e	378	212	253	3420	699	1050	426
18	117	173	139e	269e	162e	349	201	245	3250	923	1000	434
19	113	168	131e	279e	172e	321	190	276	3480	995	895	451
20	110	162e	144e	275e	171e	289	184	341	3880	1110	793	471
21	128	159e	144e	240e	172e	274	196	500	4980	1010	713	480
22	177	155e	144e	231e	171e	266	203	690	5870	1060	672	463
23	227	151e	150e	223e	169	251	213	897	6270	1080	612	495
24	269	148e	130e	203e	166	234	219	1140	7190	1070	557	484
25	253	146e	114e	151e	172	222	231	1200	7000	1020	490	469
26	217	140e	75e	140e	175	215	229	1130	5190	958	555	403
27	190	141e	135e	135e	191	210	219	1030	3420	939	615	373
28	172	138e	141e	131e	207	200	214	937	2400	773	648	348
29	189	134e	137e	122e	---	195	198	830	1760	683	644	321
30	230	129e	136e	117e	---	191	196	780	1300	888	680	289
31	264	---	127e	114e	---	189	---	814	---	1070	659	---
TOTAL	4401	7180	3745	5479	3971	13659	6941	23229	80296	27912	28397	11728
MEAN	142.0	239.3	120.8	176.6	141.8	440.8	231.3	749.8	2677	900.2	916.3	390.9
MAX	269	524	150	279	207	1480	516	1450	7190	1310	1320	547
MIN	86	129	75	90	96	189	164	228	305	640	490	235
AC-FT	8729	14240	7428	10870	7876	27090	13770	46070	159300	55360	56320	23260

CAL YEAR 2009 TOTAL 81595 MEAN 223.5 MAX 2180 MIN 75.0 AC-FT 161800
WTR YEAR 2010 TOTAL 216938 MEAN 594.4 MAX 7190 MIN 75.0 AC-FT 430300

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	99	182	43
2	0.00	---	---	---	---	---	---	0.00	0.00	98	182	0.00
3	0.00	---	---	---	---	---	---	0.00	0.00	99	181	0.00
4	0.00	---	---	---	---	---	---	0.00	19	100	157	0.00
5	0.00	---	---	---	---	---	---	0.00	74	107	131	0.00
6	---	---	---	---	---	---	---	0.00	73	91	131	0.00
7	---	---	---	---	---	---	---	0.00	75	87	130	0.00
8	---	---	---	---	---	---	---	0.00	75	95	136	0.00
9	---	---	---	---	---	---	---	0.00	75	101	159	0.00
10	---	---	---	---	---	---	---	0.00	74	101	166	0.00
11	---	---	---	---	---	---	---	0.00	75	117	167	0.00
12	---	---	---	---	---	---	---	0.00	60	113	166	0.00
13	---	---	---	---	---	---	0.00	0.00	23	102	164	0.00
14	---	---	---	---	---	---	0.00	0.00	7.6	104	165	0.00
15	---	---	---	---	---	---	0.00	0.00	53	122	167	0.00
16	---	---	---	---	---	---	0.00	0.00	75	132	174	0.00
17	---	---	---	---	---	---	0.00	0.00	75	133	141	0.00
18	---	---	---	---	---	---	0.00	0.00	73	148	119	0.00
19	---	---	---	---	---	---	0.00	0.00	73	159	119	0.00
20	---	---	---	---	---	---	0.00	0.00	75	158	119	0.00
21	---	---	---	---	---	---	0.00	0.00	75	167	123	0.00
22	---	---	---	---	---	---	0.00	0.00	69	172	140	0.00
23	---	---	---	---	---	---	0.00	0.00	65	174	143	0.00
24	---	---	---	---	---	---	0.00	0.00	74	178	157	0.00
25	---	---	---	---	---	---	0.00	0.00	72	178	164	0.00
26	---	---	---	---	---	---	0.00	0.00	59	181	165	0.00
27	---	---	---	---	---	---	0.00	0.00	47	180	165	---
28	---	---	---	---	---	---	0.00	0.00	51	179	166	---
29	---	---	---	---	---	---	0.00	0.00	79	179	166	---
30	---	---	---	---	---	---	0.00	0.00	97	182	161	---
31	---	---	---	---	---	---	---	0.00	---	181	150	---
TOTAL	0	0	0	0	0	0	0	0	1742.6	4217	4756	43
MEAN	0.000	---	---	---	---	---	0.000	0.000	58.1	136.0	153.4	1.7
MAX	0.00	---	---	---	---	---	0.00	0.00	97	182	182	43
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	87	119	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3456	8364	9433	85
CAL YEAR 2009	MAX	176.0	MIN	0.000	AC-FT	24270						
WTR YEAR 2010	MAX	182.0	MIN	0.000	AC-FT	21340						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	74	117	173	263	190
2	0.00	---	---	---	---	---	---	75	117	190	269	167
3	0.00	---	---	---	---	---	---	80	117	192	285	150
4	0.00	---	---	---	---	---	---	85	120	197	265	154
5	0.00	---	---	---	---	---	---	86	124	188	260	164
6	0.00	---	---	---	---	---	---	86	126	171	243	168
7	---	---	---	---	---	---	---	87	130	158	234	142
8	---	---	---	---	---	---	---	86	127	156	231	123
9	---	---	---	---	---	---	0.00	86	112	156	241	118
10	---	---	---	---	---	---	0.00	86	109	157	252	113
11	---	---	---	---	---	---	0.00	85	107	159	247	114
12	---	---	---	---	---	---	0.00	86	116	159	241	117
13	---	---	---	---	---	---	0.00	85	114	157	244	117
14	---	---	---	---	---	---	85	86	120	158	248	118
15	---	---	---	---	---	---	72	86	117	156	247	118
16	---	---	---	---	---	---	72	87	101	157	251	119
17	---	---	---	---	---	---	72	86	106	158	236	118
18	---	---	---	---	---	---	71	93	113	178	213	117
19	---	---	---	---	---	---	71	101	112	198	222	117
20	---	---	---	---	---	---	84	102	112	218	234	85
21	---	---	---	---	---	---	73	102	110	216	230	0.00
22	---	---	---	---	---	---	73	101	111	219	229	0.00
23	---	---	---	---	---	---	74	101	105	219	226	0.00
24	---	---	---	---	---	---	73	109	106	220	228	0.00
25	---	---	---	---	---	---	73	118	91	217	229	0.00
26	---	---	---	---	---	---	73	118	79	220	230	0.00
27	---	---	---	---	---	---	73	118	67	233	226	0.00
28	---	---	---	---	---	---	73	117	83	235	212	---
29	---	---	---	---	---	---	74	117	147	236	195	---
30	---	---	---	---	---	---	74	117	150	241	197	---
31	---	---	---	---	---	---	---	117	---	250	192	---
TOTAL	0	0	0	0	0	0	1260	2963	3366	5942	7320	2629
MEAN	0.000	---	---	---	---	---	57.3	95.6	112.2	191.7	236.2	97.4
MAX	0.00	---	---	---	---	---	85	118	150	250	285	190
MIN	0.00	---	---	---	---	---	0.00	74	67	156	192	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2499	5877	6676	11790	14520	5215
CAL YEAR 2009	MAX	326.0	MIN	0.000	AC-FT	49110						
WTR YEAR 2010	MAX	285.0	MIN	0.000	AC-FT	46570						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	14	32	32	0.00	20
2	---	---	---	---	---	---	---	13	33	28	0.00	11
3	---	---	---	---	---	---	---	13	31	31	0.00	26
4	---	---	---	---	---	---	---	13	31	30	0.00	29
5	---	---	---	---	---	---	---	13	30	33	0.00	28
6	---	---	---	---	---	---	---	13	27	28	0.00	28
7	---	---	---	---	---	---	---	13	28	31	0.00	32
8	---	---	---	---	---	---	---	13	17	37	0.00	34
9	---	---	---	---	---	---	---	13	0.00	37	0.00	28
10	---	---	---	---	---	---	---	17	0.00	37	0.00	27
11	---	---	---	---	---	---	---	18	0.00	36	0.00	28
12	---	---	---	---	---	---	---	19	0.00	35	0.00	28
13	---	---	---	---	---	---	---	19	0.00	35	0.00	30
14	---	---	---	---	---	---	0.00	19	12	35	0.00	28
15	---	---	---	---	---	---	0.00	19	28	17	0.00	28
16	---	---	---	---	---	---	0.00	19	28	0.00	0.00	28
17	---	---	---	---	---	---	0.00	19	31	0.00	13	11
18	---	---	---	---	---	---	0.00	19	31	0.00	28	0.00
19	---	---	---	---	---	---	0.00	19	31	0.00	28	0.00
20	---	---	---	---	---	---	0.00	27	35	0.00	30	0.00
21	---	---	---	---	---	---	0.00	28	36	0.00	26	0.00
22	---	---	---	---	---	---	0.00	25	36	0.00	24	0.00
23	---	---	---	---	---	---	0.00	22	33	0.00	22	0.00
24	---	---	---	---	---	---	0.00	12	31	0.00	8.0	0.00
25	---	---	---	---	---	---	0.00	17	26	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	25	20	0.00	0.00	0.00
27	---	---	---	---	---	---	18	25	10	0.00	9.1	0.00
28	---	---	---	---	---	---	19	26	12	0.00	14	0.00
29	---	---	---	---	---	---	18	27	31	0.00	19	---
30	---	---	---	---	---	---	18	28	32	0.00	14	---
31	---	---	---	---	---	---	---	31	---	0.00	16	---
TOTAL	0	0	0	0	0	0	73	598	692	482	251.1	444
MEAN	---	---	---	---	---	---	4.3	19.3	23.0	15.5	8.1	15.9
MAX	---	---	---	---	---	---	19	31	36	37	30	34
MIN	---	---	---	---	---	---	0.00	12	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	145	1186	1373	956	498	881
CAL YEAR 2009	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2010	MAX	37.0	MIN	0.000	AC-FT	5038						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	0.33	15	11
2	0.00	---	---	---	---	---	---	0.00	0.00	0.19	15	8.5
3	0.00	---	---	---	---	---	---	0.00	6.6	0.19	14	6.1
4	0.00	---	---	---	---	---	---	0.00	10	0.19	13	5.1
5	0.00	---	---	---	---	---	---	0.00	9.7	0.30	13	5.4
6	---	---	---	---	---	---	---	0.00	8.9	0.38	13	5.4
7	---	---	---	---	---	---	---	0.00	9.0	0.27	11	5.1
8	---	---	---	---	---	---	---	0.00	9.5	2.2	12	4.3
9	---	---	---	---	---	---	---	0.00	9.8	5.9	13	1.7
10	---	---	---	---	---	---	---	0.00	10	7.5	13	0.00
11	---	---	---	---	---	---	---	0.00	9.8	7.6	13	---
12	---	---	---	---	---	---	---	0.00	12	8.3	13	---
13	---	---	---	---	---	---	0.00	0.00	7.4	8.4	13	---
14	---	---	---	---	---	---	0.00	0.00	3.9	8.0	13	---
15	---	---	---	---	---	---	0.00	0.00	3.7	7.9	12	---
16	---	---	---	---	---	---	0.00	0.00	5.1	7.8	13	---
17	---	---	---	---	---	---	0.00	0.00	4.7	7.5	13	---
18	---	---	---	---	---	---	0.00	0.00	4.5	10	3.0	---
19	---	---	---	---	---	---	0.00	0.00	3.3	13	2.7	---
20	---	---	---	---	---	---	0.00	0.00	3.3	14	2.4	---
21	---	---	---	---	---	---	0.00	0.00	4.1	14	2.3	---
22	---	---	---	---	---	---	0.00	0.00	4.3	14	2.3	---
23	---	---	---	---	---	---	0.00	0.00	4.1	13	13	---
24	---	---	---	---	---	---	0.00	0.04	4.0	12	13	---
25	---	---	---	---	---	---	0.00	0.15	3.9	12	12	---
26	---	---	---	---	---	---	0.00	0.15	3.5	12	13	---
27	---	---	---	---	---	---	0.00	0.00	2.3	12	11	---
28	---	---	---	---	---	---	0.00	0.15	1.5	12	11	---
29	---	---	---	---	---	---	0.00	0.00	0.92	12	11	---
30	---	---	---	---	---	---	0.00	0.00	0.59	14	11	---
31	---	---	---	---	---	---	---	0.00	---	15	11	---
TOTAL	0	0	0	0	0	0	0	0.49	160.41	251.95	340.7	52.6
MEAN	0.000	---	---	---	---	---	0.000	0.015	5.4	8.1	11.1	5.2
MAX	0.00	---	---	---	---	---	0.00	0.15	12	15	15	11
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.19	2.3	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.0	318	500	676	104
CAL YEAR 2009	MAX	12.0	MIN	0.000	AC-FT	2092						
WTR YEAR 2010	MAX	15.0	MIN	0.000	AC-FT	1599						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	44	39	135	46
2	---	---	---	---	---	---	---	0.00	51	37	135	0.00
3	---	---	---	---	---	---	---	30	55	39	121	0.00
4	---	---	---	---	---	---	---	48	55	38	103	0.00
5	---	---	---	---	---	---	---	42	57	33	88	0.00
6	---	---	---	---	---	---	---	32	58	19	80	0.00
7	---	---	---	---	---	---	---	31	59	21	75	0.00
8	---	---	---	---	---	---	---	31	58	33	69	0.00
9	---	---	---	---	---	---	---	31	59	34	80	0.00
10	---	---	---	---	---	---	---	31	59	35	95	0.00
11	---	---	---	---	---	---	---	31	58	36	118	0.00
12	---	---	---	---	---	---	---	31	27	36	128	0.00
13	---	---	---	---	---	---	0.00	31	14	37	134	0.00
14	---	---	---	---	---	---	0.00	31	14	39	139	0.00
15	---	---	---	---	---	---	0.00	31	13	44	133	0.00
16	---	---	---	---	---	---	0.00	31	13	52	131	0.00
17	---	---	---	---	---	---	0.00	31	13	52	106	0.00
18	---	---	---	---	---	---	0.00	31	13	65	93	0.00
19	---	---	---	---	---	---	0.00	32	14	110	77	0.00
20	---	---	---	---	---	---	0.00	32	14	125	71	0.00
21	---	---	---	---	---	---	0.00	32	14	122	71	0.00
22	---	---	---	---	---	---	0.00	32	14	126	71	0.00
23	---	---	---	---	---	---	0.00	32	22	123	81	0.00
24	---	---	---	---	---	---	0.00	33	49	113	101	0.00
25	---	---	---	---	---	---	0.00	34	43	104	109	0.00
26	---	---	---	---	---	---	0.00	41	38	107	112	0.00
27	---	---	---	---	---	---	0.00	44	33	121	111	---
28	---	---	---	---	---	---	0.00	44	36	124	108	---
29	---	---	---	---	---	---	0.00	44	38	134	102	---
30	---	---	---	---	---	---	0.00	44	40	135	95	---
31	---	---	---	---	---	---	---	44	---	135	87	---
TOTAL	0	0	0	0	0	0	0	1012	1075	2268	3159	46
MEAN	---	---	---	---	---	---	0.000	32.6	35.8	73.2	102.0	1.8
MAX	---	---	---	---	---	---	0.00	48	59	135	139	46
MIN	---	---	---	---	---	---	0.00	0.00	13	19	69	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2007	2132	4499	6266	91
CAL YEAR 2009	TOTAL		9683	MEAN	57.6	MAX	159.0	MIN	0.000	AC-FT	19210	
WTR YEAR 2010	TOTAL		7560	MEAN	45.3	MAX	139.0	MIN	0.000	AC-FT	15000	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	20	1.3	45	33
2	0.00	---	---	---	---	---	---	0.00	20	4.9	46	32
3	0.00	---	---	---	---	---	---	0.00	19	21	45	27
4	0.00	---	---	---	---	---	---	0.00	18	21	48	0.00
5	0.00	---	---	---	---	---	---	0.00	19	22	38	0.00
6	0.00	---	---	---	---	---	---	0.00	18	23	37	0.00
7	---	---	---	---	---	---	---	0.00	19	17	36	0.00
8	---	---	---	---	---	---	---	0.00	22	16	39	0.00
9	---	---	---	---	---	---	---	0.00	22	17	44	0.00
10	---	---	---	---	---	---	---	0.00	22	22	45	0.00
11	---	---	---	---	---	---	---	0.00	22	25	46	0.00
12	---	---	---	---	---	---	---	0.00	32	26	45	0.00
13	---	---	---	---	---	---	---	0.00	12	25	45	0.00
14	---	---	---	---	---	---	0.00	0.00	35	24	45	0.00
15	---	---	---	---	---	---	0.00	0.00	6.5	23	44	0.00
16	---	---	---	---	---	---	0.00	0.00	1.3	23	43	0.00
17	---	---	---	---	---	---	0.00	0.00	0.93	29	34	0.00
18	---	---	---	---	---	---	0.00	0.00	0.84	29	32	0.00
19	---	---	---	---	---	---	0.00	0.00	0.84	29	31	0.00
20	---	---	---	---	---	---	0.00	0.00	3.0	36	30	0.00
21	---	---	---	---	---	---	0.00	0.00	6.9	39	32	0.00
22	---	---	---	---	---	---	0.00	3.1	6.4	39	35	0.00
23	---	---	---	---	---	---	0.00	16	7.0	46	34	0.00
24	---	---	---	---	---	---	0.00	20	11	43	43	0.00
25	---	---	---	---	---	---	0.00	21	9.3	46	42	0.00
26	---	---	---	---	---	---	0.00	21	12	51	42	0.00
27	---	---	---	---	---	---	0.00	21	16	49	43	---
28	---	---	---	---	---	---	0.00	21	15	47	42	---
29	---	---	---	---	---	---	0.00	21	10	43	39	---
30	---	---	---	---	---	---	0.00	21	5.5	52	36	---
31	---	---	---	---	---	---	---	20	---	45	34	---
TOTAL	0	0	0	0	0	0	0	185.1	412.51	934.2	1240	92
MEAN	0.000	---	---	---	---	---	0.000	6.0	13.7	30.1	40.0	3.5
MAX	0.00	---	---	---	---	---	0.00	21	35	52	48	33
MIN	0.00	---	---	---	---	---	0.00	0.00	0.84	1.3	30	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	367	818	1853	2460	182
CAL YEAR 2009	MAX		51.0	MIN	0.000	AC-FT	6514					
WTR YEAR 2010	MAX		52.0	MIN	0.000	AC-FT	5680					

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	66	112	195	344	232
2	---	---	---	---	---	---	---	66	112	192	366	224
3	---	---	---	---	---	---	---	65	112	201	332	216
4	---	---	---	---	---	---	---	64	112	201	315	212
5	---	---	---	---	---	---	---	64	112	159	313	196
6	---	---	---	---	---	---	---	64	114	112	267	206
7	---	---	---	---	---	---	---	61	115	86	255	216
8	---	---	---	---	---	---	---	61	115	70	264	76
9	---	---	---	---	---	---	0.00	61	115	56	297	0.00
10	---	---	---	---	---	---	0.00	60	115	95	296	0.00
11	---	---	---	---	---	---	0.00	60	115	122	296	0.00
12	---	---	---	---	---	---	0.00	59	116	120	318	0.00
13	---	---	---	---	---	---	0.00	58	97	119	346	0.00
14	---	---	---	---	---	---	0.00	55	65	119	359	0.00
15	---	---	---	---	---	---	0.00	40	53	142	336	0.00
16	---	---	---	---	---	---	0.00	33	49	179	309	0.00
17	---	---	---	---	---	---	0.00	68	47	179	234	0.00
18	---	---	---	---	---	---	0.00	112	46	182	195	0.00
19	---	---	---	---	---	---	0.00	112	42	181	197	0.00
20	---	---	---	---	---	---	0.00	112	41	181	200	0.00
21	---	---	---	---	---	---	0.00	112	41	211	202	0.00
22	---	---	---	---	---	---	0.00	111	38	207	204	0.00
23	---	---	---	---	---	---	0.00	111	45	220	204	0.00
24	---	---	---	---	---	---	0.00	111	56	231	240	0.00
25	---	---	---	---	---	---	0.00	111	56	232	223	0.00
26	---	---	---	---	---	---	16	111	55	273	217	0.00
27	---	---	---	---	---	---	0.00	110	53	317	277	0.00
28	---	---	---	---	---	---	69	110	71	332	292	---
29	---	---	---	---	---	---	68	112	71	319	268	---
30	---	---	---	---	---	---	67	112	134	320	247	---
31	---	---	---	---	---	---	---	112	---	318	234	---
TOTAL	0	0	0	0	0	0	220	2564	2425	5871	8447	1578
MEAN	---	---	---	---	---	---	10.0	82.7	80.9	189.4	272.5	58.5
MAX	---	---	---	---	---	---	69	112	134	332	366	232
MIN	---	---	---	---	---	---	0.00	33	38	56	195	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	436	5086	4810	11640	16750	3130
CAL YEAR 2009	MAX	426.0	MIN	0.000	AC-FT	61300						
WTR YEAR 2010	MAX	366.0	MIN	0.000	AC-FT	41860						

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 good, 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 7,400 cubic feet per second June 25, combined channel flow; minimum daily discharge 24 cubic feet per second estimated June 6, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	180	564	261	237	300	314	346	126	449	1370	273	244
2	174	673	257	253	288	310	360	142	384	1230	310	271
3	166	723	232	250	297	323	340	220	252	779	569	251
4	164	735	215	232	307	363	339	500	156	753	680	184
5	170	723	236	259	311	435	330	816	75	1110	781	131
6	181	685	233	257	312	597	321	1000	24e	1560	867	134
7	174	632	213e	236	312	702	476	1240	27e	1370	785	129
8	175	577	217e	190	302	747	609	1230	75e	1050	702	202
9	169	525	228	192	219	989	670	1040	57e	829	556	188
10	173	484	226	216	212	1410	609	872	83e	553	458	221
11	176	462	268e	207	286	1510	555	672	40e	528	359	291
12	180	443	257e	222	319	1380	491	466	803e	701	362	325
13	188	424	251e	257	338	1160	379	237	3470e	660	342	387
14	202	404	233e	311	297	983	457	165	5030e	522	224	330
15	209	389	232	337	248	866	466	128	5200e	493	160	296
16	209	376	244	344	261	768	430	108	4920e	345	136	310
17	204	360	226	353	307e	697	419	65	4360e	290	495	354
18	208	340	220	375	351e	641	400	40	3890	369	802	369
19	213	321	228	390	385e	589	358	50	3600	472	724	386
20	217	312	240	402	378	541	297	91	3650	543	621	413
21	245	310	258	419	336	511	274	108	4240	550	511	442
22	311	312	258e	443	308	490	280	203	5020	542	403	444
23	386	304	234e	462	300	474	307	346	5880	577	305	576
24	433	295	193e	440	294	450	308	601	6540	529	162	558
25	445	286	172	363	284	432	291	923	7200e	496	120	534
26	431	271	183	289	287	420	206	953	6190e	366	120	484
27	411	265	260	357	295	403	186	860	4650e	238	128	400
28	390	261	307	337	305	368	183	760	3320e	154	179	358
29	404	259	282	296	---	343	161	632	2450	92	216	330
30	456	259	241	311	---	332	141	544	1800	76	256	287
31	487	---	235	308	---	353	---	464	---	196	284	---
TOTAL	8131	12974	7340	9545	8439	19901	10989	15602	83835	19343	12890	9829
MEAN	262.3	432.5	236.8	307.9	301.4	641.3	366.3	502.8	2795	623.4	415.9	327.6
MAX	487	735	307	462	385	1510	670	1240	7200	1560	867	576
MIN	164	259	172	190	212	310	141	40	24	76	120	129
AC-FT	16130	25730	14560	18930	16740	39470	21800	30950	166300	38370	25570	19500
CAL YEAR 2009	TOTAL		90617	MEAN	248.3	MAX	2180	MIN	9.3	AC-FT	179700	
WTR YEAR 2010	TOTAL		218818	MEAN	599.5	MAX	7200	MIN	24.0	AC-FT	434000	

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 505 cubic feet per second June 21, gage height 11.84 feet; minimum daily discharge 6.0 cubic feet per second estimated January 8.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.6	20	11	11	11e	13	13	13	11	11	13	9.7
2	7.5	17	11	9.3	14e	13	12	13	11	11	12	9.7
3	7.5	16	11	7.0e	14	18	12	12	11	11	13	9.4
4	7.5	14	9.8	7.0e	12	17	12	12	11	11	19	9.4
5	7.7	13	9.1	8.0e	12	17	12	11	10	13	14	9.4
6	7.8	12	12	9.0e	13	23	12	11	10	17	11	8.7
7	8.7	12	9.8	13e	13	26	14	12	20	14	15	8.3
8	8.8	12	7.6	6.0e	14e	21	20	12	65	16	12	8.2
9	8.1	11	13	7.0e	13e	66	15	11	41	14	11	9.2
10	7.9	11	14	10e	12e	79	13	11	18	15	9.5	9.0
11	8.3	11	13	14e	14e	47	13	12	14	13	8.3	8.9
12	9.0	12	13	14e	14e	37	12	13	25	21	9.5	8.6
13	9.6	12	13	15e	12e	25	12	13	108	23	9.9	8.5
14	10	12	13	15e	14e	20	13	13	87	15	10	8.5
15	12	11	12	14	15e	18	14	12	35	17	9.4	8.7
16	10	11	11	14	12e	17	13	12	47	17	8.8	9.2
17	9.6	11	12	15	12e	16	12	14	30	13	19	9.1
18	9.0	11	12	15	15e	15	12	13	20	13	19	9.0
19	9.2	11	12	15	12e	15	12	13	20	13	12	9.0
20	9.5	11	12	15	11e	15	12	15	16	13	10	9.3
21	10	11	12	14	17e	14	13	17	243	12	9.6	9.3
22	22	11	11	14	18e	14	13	15	58	13	9.3	9.2
23	35	12	11e	15	17e	14	14	13	21	13	9.0	9.1
24	27	12	13e	14e	16e	14	19	12	17	14	8.8	9.1
25	18	11	7.0e	13e	14e	13	15	12	14	12	9.5	9.2
26	14	11	14e	13e	13e	13	14	12	13	12	9.9	8.9
27	12	11	15e	13e	14e	13	13	11	12	11	11	9.0
28	11	12	15e	14e	15e	14	13	11	11	10	11	9.1
29	13	12	14e	14e	---	13	13	11	11	9.9	9.5	9.0
30	18	11	12	14e	---	13	13	11	11	9.9	9.4	8.9
31	25	---	11	12e	---	13	---	11	---	11	9.7	---
TOTAL	380.3	365	366.3	383.3	383	666	400	384	1021	418.8	352.1	270.6
MEAN	12.3	12.2	11.8	12.4	13.7	21.5	13.3	12.3	34.0	13.5	11.4	9.0
MAX	35	20	15	15	18	79	20	17	243	23	19	9.7
MIN	7.5	11	7.0	6.0	11	13	12	11	10	9.9	8.3	8.2
AC-FT	754	724	727	760	760	1321	793	762	2025	831	698	537
CAL YEAR 2009	TOTAL		4177	MEAN	11.4	MAX	35.0	MIN	5.4	AC-FT	8285	
WTR YEAR 2010	TOTAL		5390	MEAN	14.8	MAX	243.0	MIN	6.0	AC-FT	10690	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	155	---	---	---	---	---	---	1.7	280	234	273	299
2	154	---	---	---	---	---	---	2.0	285	322	274	301
3	155	---	---	---	---	---	---	49	275	322	268	305
4	154	---	---	---	---	---	---	89	279	297	284	309
5	152	---	---	---	---	---	---	97	283	305	288	309
6	142	---	---	---	---	---	---	128	282	320	288	304
7	159	---	---	---	---	---	---	178	295	327	285	312
8	171	---	---	---	---	---	---	249	302	311	285	314
9	169	---	---	---	---	---	---	288	298	310	282	310
10	167	---	---	---	---	---	---	284	299	313	297	315
11	168	---	---	---	---	---	---	271	290	313	319	309
12	164	---	---	---	---	---	---	198	292	324	307	302
13	159	---	---	---	---	---	---	164	334	335	309	303
14	168	---	---	---	---	---	0.00	154	326	331	316	312
15	168	---	---	---	---	---	0.00	151	339	318	315	311
16	169	---	---	---	---	---	0.00	149	288	318	315	311
17	169	---	---	---	---	---	0.00	141	297	312	319	311
18	169	---	---	---	---	---	0.00	134	280	303	331	309
19	174	---	---	---	---	---	0.00	135	293	331	337	308
20	182	---	---	---	---	---	0.00	121	299	316	329	309
21	163	---	---	---	---	---	0.00	111	295	315	327	309
22	155	---	---	---	---	---	0.00	104	309	322	322	311
23	155	---	---	---	---	---	0.00	108	319	314	322	310
24	142	---	---	---	---	---	0.00	120	218	311	320	305
25	118	---	---	---	---	---	0.00	172	143	317	317	303
26	37	---	---	---	---	---	2.1	189	155	321	300	300
27	0.00	---	---	---	---	---	1.6	179	151	306	297	303
28	0.00	---	---	---	---	---	0.84	196	145	294	305	308
29	---	---	---	---	---	---	0.65	206	160	286	303	309
30	---	---	---	---	---	---	1.4	219	185	285	301	314
31	---	---	---	---	---	---	---	251	---	277	298	---
TOTAL	4038	0	0	0	0	0	6.59	4838.7	7996	9610	9433	9235
MEAN	144.3	---	---	---	---	---	0.39	156.1	266.4	310.0	304.3	307.8
MAX	182	---	---	---	---	---	2.1	288	339	335	337	315
MIN	0.00	---	---	---	---	---	0.00	1.7	143	234	268	299
AC-FT	8009	0.00	0.00	0.00	0.00	0.00	13	9597	15860	19060	18710	18320
CAL YEAR 2009	MAX	368.0	MIN	0.000	AC-FT	89040						
WTR YEAR 2010	MAX	339.0	MIN	0.000	AC-FT	89570						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	142	---	---	---	---	---	---	0.00	283	154	206	256
2	142	---	---	---	---	---	---	0.00	285	278	201	277
3	144	---	---	---	---	---	---	0.00	276	270	194	269
4	140e	---	---	---	---	---	---	0.00	264	266	211	283
5	146	---	---	---	---	---	---	46	279	282	228	295
6	144	---	---	---	---	---	---	110	270	262	230	282
7	137	---	---	---	---	---	---	148	281	289	229	288
8	158	---	---	---	---	---	---	171	296	298	226	301
9	160	---	---	---	---	---	---	242	282	267	222	296
10	160	---	---	---	---	---	---	281	285	283	232	298
11	160	---	---	---	---	---	---	276	283	280	247	297
12	158	---	---	---	---	---	---	222	238	282	245	298
13	154	---	---	---	---	---	---	170	264	295	232	293
14	153	---	---	---	---	---	0.00	150	295	286	240	298
15	162	---	---	---	---	---	0.00	148	236	280	245	303
16	154	---	---	---	---	---	0.00	148	277	274	245	299
17	156	---	---	---	---	---	0.00	144	291	291	289	299
18	158	---	---	---	---	---	0.00	129	286	279	292	297
19	155	---	---	---	---	---	0.00	153	253	280	296	299
20	169	---	---	---	---	---	0.00	138	303	280e	291	304
21	167	---	---	---	---	---	0.00	108	352	283	287	300
22	183	---	---	---	---	---	0.00	112	324	274	282	304
23	160	---	---	---	---	---	0.00	107	348	318	274	307
24	150	---	---	---	---	---	0.00	115	269	292	271	301
25	120	---	---	---	---	---	0.00	146	146	285	257	297
26	96	---	---	---	---	---	0.00	183	126	269	249	296
27	0.00	---	---	---	---	---	0.00	174	135	261	236	294
28	---	---	---	---	---	---	0.00	173	120	242	248	294
29	---	---	---	---	---	---	0.00	191	124	222	256	300
30	---	---	---	---	---	---	0.00	203	145	212	258	301
31	---	---	---	---	---	---	---	222	---	212	255	---
TOTAL	3928	0	0	0	0	0	0	4410	7616	8346	7674	8826
MEAN	145.5	---	---	---	---	---	0.000	142.2	253.9	269.3	247.5	294.1
MAX	183	---	---	---	---	---	0.00	281	352	318	296	307
MIN	0.00	---	---	---	---	---	0.00	0.00	120	154	194	256
AC-FT	7791	0.00	0.00	0.00	0.00	0.00	0.00	8747	15110	16550	15220	17510
CAL YEAR 2009	MAX	326.0	MIN	0.000	AC-FT	77110						
WTR YEAR 2010	MAX	352.0	MIN	0.000	AC-FT	80930						

e indicates estimated discharge.

PLATTE RIVER BASIN

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 except estimated records, are poor.

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 9,150 cubic feet per second June 27, gage height 6.81 feet; maximum gage height 6.89 feet June 17 due to backwater from vegetation; minimum daily discharge 543 cubic feet per second October 17.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	706	2260	1840	1500e	1890	1200	1430	1470	2470	2650	1000	1260
2	673	3330	1710	1450e	1390	609	2010	2120	2190	1740	1170	1280
3	691	3490	1640	1400e	1580	559	1540	1560	1790	1500	1270	1200
4	660	3520	1580	1400e	1490	1090	639	1100	1850	1580	1610	1150
5	688	3570	1640	1450e	1560	1280	589	1470	1780	2230	1900	1320
6	665	3660	1450	1400e	1520	1200	557	2320	1590	2970	2190	1390
7	658	3460	1740	1200e	1500	1490	584	2680	1490	3220	2350	1480
8	652	2610	967	1200e	1500	1600	607	2570	2020	3020	2310	1690
9	587	2460	767	1600e	1210	2270	1040	2430	2500	2580	2210	1810
10	598	2440	715	2400e	1220	4040	1670	2440	2580	2050	1970	1850
11	568	2660	831	2300e	1080	4300	2370	2650	1810	1850	1750	1790
12	565	1450	951	2000e	561	4190	1790	2140	1860	1470	1640	1840
13	585	3100	1040	1700e	1000	3920	772	2070	2760	2050	1840	1910
14	606	2720	1030	1700e	1130	3650	774	1820	4490	2300	1030	2060
15	626	2580	1060	1500e	1080	3360e	771	1750	6270	1790	1010	2250
16	639	2550	1150	1700e	1180	3200e	1070	1760	7570	1710	971	2080
17	543	2290	1300	1900e	985	2080e	1590	1630	7450	2190	1460	2140
18	545e	2220	1390	2100e	1230	2290	2220	1080	6350	2500	1770	2080
19	750e	2010	1400	2100e	919	1520	1630	882	4910	2750	2040	2060
20	1640e	1830	1500	2100e	1150	1920	730	1590	4250	1810	2270	2280
21	1450	1790	1510	2000e	935	2660	677	2150	6140	1750	2220	2410
22	818	1890	1800e	1800e	997	1980	651	1870	7950	1710	2100	2500
23	1340	1880	1900e	1800e	1120	907	1060	2220	8180	2440	2020	2530
24	2060	1870	1500e	1800e	1110	769	1710	2000	8520	2740	2130	2380
25	2720	1770	1260e	1800e	1070	1110	2320	2500	8250	2470	1770	2380
26	2780	1970	1500e	2390	1120	1710	2200	2360	8380	1930	1550	2180
27	2770	2100	1500e	1820	1160	2420	1520	2360	8900	1650	1230	2250
28	2180	1980	1550e	1370	1180	1660	739	2370	8400	1330	877	2250
29	1080	1870	1550e	1560	---	723	674	2510	6230	1250	932	2150
30	1060	1970	1550e	2140	---	689	903	2470	4020	1040	983	2020
31	1470	---	1600e	2180	---	957	---	2750	---	1070	1260	---
TOTAL	33373	73300	42921	54760	33867	61353	36837	63092	142950	63340	50833	57970
MEAN	1076	2444	1385	1766	1209	1979	1228	2036	4766	2043	1640	1932
MAX	2780	3660	1900	2400	1890	4300	2370	2750	8900	3220	2350	2530
MIN	543	1450	715	1200	561	559	557	882	1490	1040	877	1150
AC-FT	66190	145400	85130	108600	67170	121700	73070	125100	283500	125600	100800	115000
CAL YEAR 2009	TOTAL		340175	MEAN	932.0	MAX	3880	MIN	51.0	AC-FT	674700	
WTR YEAR 2010	TOTAL		714596	MEAN	1958	MAX	8900	MIN	543.0	AC-FT	1417000	

e indicates estimated discharge.

PLATTE RIVER BASIN

WOOD RIVER near Alda, 06772000

LOCATION.--SW1/4NW1/4 Sec. 8,T 10N,R 10 W., Hall County, Lat. 40° 51' 16", Long. 98° 28' 27", on left bank at the Wood River bridge on State Link L40C 0.8 miles south of Alda, 2.6 miles upstream from old north channel of the Platte River, and at mile 27.0 above mouth.

DRAINAGE AREA.--628 Square miles.

GAGE.--Continuous stage recorder, datum of gage 1895.92 ft. above sea level, NAVD 88, from survey by the Department of Natural Resources April 17, 2009.

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. The gage was moved 0.4 miles downstream on March 25, 2009 to the left downstream bank at the bridge on State highway link L40C. 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 256 cubic feet per second June 21, gage height 8.61 feet; minimum daily discharge zero January 8 to February 3.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.52	6.4	1.8	0.40e	0.00	0.27e	6.7	5.6	8.1	23	31	7.3
2	0.27	4.9	1.2	0.30e	0.00	0.60e	6.4	5.4	6.6	21	26	6.1
3	0.14	4.2	1.1	0.20e	0.00	1.0e	6.0	4.9	6.1	20	24	7.1
4	0.12	4.0	1.0e	0.10e	0.10e	11	6.1	4.7	6.7	21	23	8.2
5	0.16	4.2	0.92e	0.30e	0.20e	5.4	6.5	4.1	6.1	20	25	8.1
6	0.87	3.6	0.80e	0.20e	0.30e	18	6.1	4.1	6.4	23	27	6.8
7	1.2	3.1	1.1e	0.10e	0.20e	22	6.1	4.6	7.4	18	26	4.7
8	0.69	2.9	0.53e	0.00	0.30e	16	6.5	4.4	13	18	24	4.8
9	0.54	3.6	0.71e	0.00	0.20e	13	7.2	4.7	9.5	19	24	4.9
10	0.35	3.5	0.80e	0.00	0.30e	20	5.9	5.0	11	19	27	5.2
11	0.35	3.0	0.70e	0.00	0.20e	50	5.4	4.8	9.9	20	25	5.0
12	0.52	2.0	0.65e	0.00	0.20e	44	5.3	7.4	39	20	25	4.8
13	0.55	2.9	0.48e	0.00	0.20e	54	5.1	6.9	43	19	23	4.8
14	0.69	2.5	0.30e	0.00	0.30e	69	5.1	4.8	69	20	24	4.8
15	0.59	2.5	0.15e	0.00	0.40e	42	5.1	4.8	59	19	25	4.4
16	0.56	2.7	0.20e	0.00	0.30e	25	5.3	5.0	28	18	25	2.5
17	0.65	2.8	0.03e	0.00	0.20e	19	5.5	5.5	17	17	73	3.6
18	1.0	2.9	0.04e	0.00	0.30e	25	5.5	5.6	52	21	48	3.2
19	0.78	1.6	0.04e	0.00	0.60e	23	5.2	5.9	78	20	31	4.0
20	0.58	2.3	0.06e	0.00	0.40e	17	5.2	8.3	50	23	27	4.2
21	1.1	2.6	0.08e	0.00	0.20e	13	5.3	10	143	25	25	3.6
22	5.4	2.4	0.10e	0.00	0.30e	11	5.7	9.4	111	39	22	3.1
23	5.5	2.3	0.20e	0.00	0.20e	8.9	7.7	7.5	75	60	21	2.7
24	4.4	2.2	0.30e	0.00	0.20e	8.0	7.3	7.5	54	42	33	1.6
25	4.5	1.2	0.20e	0.00	0.40e	7.9	7.4	7.7	134	31	21	2.2
26	3.0	0.94	0.40e	0.00	0.30e	7.9	5.7	37	113	30	16	2.9
27	4.0	1.7	0.30e	0.00	0.20e	7.8	5.3	12	83	24	11	2.5
28	2.9	2.4	0.30e	0.00	0.30e	6.6	5.4	8.1	56	21	9.5	1.6
29	3.9	2.1	0.40e	0.00	---	7.1	5.7	7.2	36	23	8.4	1.4
30	9.6	1.4	0.50e	0.00	---	6.7	5.8	8.5	28	30	7.8	0.72
31	7.9	---	0.30e	0.00	---	6.2	---	11	---	33	7.7	---
TOTAL	63.33	84.84	15.69	1.6	6.8	566.37	177.5	232.4	1358.8	757	765.4	126.82
MEAN	2.0	2.8	0.50	0.052	0.24	18.3	5.9	7.5	45.3	24.3	24.7	4.2
MAX	9.6	6.4	1.8	0.40	0.60	69	7.7	37	143	60	73	8.2
MIN	0.12	0.94	0.03	0.00	0.00	0.27	5.1	4.1	6.1	17	7.7	0.72
AC-FT	126	168	31	3.2	13	1123	352	461	2695	1501	1518	252
CAL YEAR 2009	TOTAL		2777	MEAN	7.6	MAX	88.0	MIN	0.030	AC-FT	5509	
WTR YEAR 2010	TOTAL		4157	MEAN	11.4	MAX	143.0	MIN	0.000	AC-FT	8244	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	102	155	76
2	---	---	---	---	---	---	---	---	0.00	124	142	71
3	---	---	---	---	---	---	---	---	0.00	134	115	72
4	---	---	---	---	---	---	---	---	0.00	93	95	76
5	---	---	---	---	---	---	---	---	0.00	69	83	76
6	---	---	---	---	---	---	---	---	0.00	70	81	77
7	---	---	---	---	---	---	---	---	0.00	78	80	100
8	---	---	---	---	---	---	---	---	0.00	81	81	110
9	---	---	---	---	---	---	---	---	0.00	86	106	112
10	---	---	---	---	---	---	---	---	0.00	87	98	98
11	---	---	---	---	---	---	---	---	0.00	88	87	63
12	---	---	---	---	---	---	---	---	0.00	98	85	54
13	---	---	---	---	---	---	---	---	0.00	100	101	56
14	---	---	---	---	---	---	---	---	0.00	127	146	56
15	---	---	---	---	---	---	---	---	0.00	160	158	55
16	---	---	---	---	---	---	---	---	0.00	191	179	55
17	---	---	---	---	---	---	---	---	0.00	219	191	19
18	---	---	---	---	---	---	---	---	0.00	224	149	0.00
19	---	---	---	---	---	---	---	---	0.00	249	113	0.00
20	---	---	---	---	---	---	---	---	0.00	259	89	0.00
21	---	---	---	---	---	---	---	---	0.00	206	75	0.00
22	---	---	---	---	---	---	---	---	0.00	188	74	0.00
23	---	---	---	---	---	---	---	---	0.00	179	121	0.00
24	---	---	---	---	---	---	---	---	0.00	148	163	0.00
25	---	---	---	---	---	---	---	---	0.00	140	194	0.00
26	---	---	---	---	---	---	---	---	0.00	183	183	0.00
27	---	---	---	---	---	---	---	---	12	208	170	0.00
28	---	---	---	---	---	---	---	---	86	212	135	0.00
29	---	---	---	---	---	---	---	---	62	214	124	0.00
30	---	---	---	---	---	---	---	---	84	201	169	0.00
31	---	---	---	---	---	---	---	---	---	160	117	---
TOTAL	0	0	0	0	0	0	0	0	244	4678	3859	1226
MEAN	0.000	---	---	---	---	---	---	---	8.1	151.0	124.6	40.9
MAX	0.00	---	---	---	---	---	---	---	86	259	194	112
MIN	0.00	---	---	---	---	---	---	---	0.00	69	74	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	484	9279	7654	2432
CAL YEAR 2009	MAX	232.0	MIN	0.000	AC-FT	25770						
WTR YEAR 2010	MAX	259.0	MIN	0.000	AC-FT	19850						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	12	0.00	40	24
2	---	---	---	---	---	---	0.00	0.00	9.4	0.00	39	30
3	---	---	---	---	---	---	0.00	16	9.9	3.6	39	33
4	---	---	---	---	---	---	0.00	16	11	9.2	39	33
5	---	---	---	---	---	---	0.00	16	11	10	39	33
6	---	---	---	---	---	---	0.00	16	11	8.5	39	33
7	---	---	---	---	---	---	0.00	16	10	9.0	38	33
8	---	---	---	---	---	---	0.00	15	10	11	37	32
9	---	---	---	---	---	---	0.00	15	10	12	37	26
10	---	---	---	---	---	---	0.00	15	9.4	15	37	24
11	---	---	---	---	---	---	0.00	15	8.6	17	37	23
12	---	---	---	---	---	---	0.00	16	17	17	37	23
13	---	---	---	---	---	---	0.00	15	2.0	17	36	23
14	---	---	---	---	---	---	0.00	15	0.00	19	36	23
15	---	---	---	---	---	---	0.00	15	0.00	22	35	9.3
16	---	---	---	---	---	---	0.00	15	0.00	22	35	0.00
17	---	---	---	---	---	---	0.00	15	0.00	24	30	0.00
18	---	---	---	---	---	---	0.00	15	0.00	28	23	0.00
19	---	---	---	---	---	---	0.00	15	0.00	32	23	0.00
20	---	---	---	---	---	---	0.00	14	0.00	32	27	0.00
21	---	---	---	---	---	---	0.00	15	0.00	30	30	0.00
22	---	---	---	---	---	---	0.00	14	0.00	30	33	0.00
23	---	---	---	---	---	---	0.00	14	0.00	32	34	0.00
24	---	---	---	---	---	---	0.00	14	0.00	35	34	0.00
25	---	---	---	---	---	---	0.00	14	0.00	37	35	0.00
26	---	---	---	---	---	---	0.00	13	0.00	38	35	0.00
27	---	---	---	---	---	---	0.00	13	0.00	41	36	0.00
28	---	---	---	---	---	---	0.00	13	0.00	41	36	0.00
29	---	---	---	---	---	---	0.00	12	0.00	40	37	0.00
30	---	---	---	---	---	---	0.00	12	0.00	40	34	0.00
31	---	---	---	---	---	---	---	12	---	40	20	---
TOTAL	0	0	0	0	0	0	0	421	131.3	712.3	1067	402.3
MEAN	0.000	---	---	---	---	---	0.000	13.6	4.4	22.9	34.4	13.4
MAX	0.00	---	---	---	---	---	0.00	16	17	41	40	33
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	20	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	835	260	1413	2116	798
CAL YEAR 2009	MAX	41.0	MIN	0.000	AC-FT	6121						
WTR YEAR 2010	MAX	41.0	MIN	0.000	AC-FT	5423						

**PLATTE RIVER BASIN
(LOUP RIVER)**

MIDDLE LOUP CANAL NO. 1 PUMP from Middle Loup River, 00090200

LOCATION.--Sec. 19-19-17 W. near Sargent

GAGE.--Flow Meter

PERIOD OF RECORD.--1987 - present

DISCHARGE (CFS), WATER YEAR 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	9.0	---	---
2	---	---	---	---	---	---	---	---	---	9.0	---	---
3	---	---	---	---	---	---	---	---	---	9.0	---	---
4	---	---	---	---	---	---	---	---	---	3.4	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	5.6	---	---	---
23	---	---	---	---	---	---	---	---	9.0	---	---	---
24	---	---	---	---	---	---	---	---	9.0	---	---	---
25	---	---	---	---	---	---	---	---	9.0	---	---	---
26	---	---	---	---	---	---	---	---	9.0	---	---	---
27	---	---	---	---	---	---	---	---	9.0	---	---	---
28	---	---	---	---	---	---	---	---	9.0	---	---	---
29	---	---	---	---	---	---	---	---	9.0	---	---	---
30	---	---	---	---	---	---	---	---	9.0	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	0	0	0	0	0	0	0	0	77.6	30.4	0	0
MEAN	---	---	---	---	---	---	---	---	8.6	7.6	---	---
MAX	---	---	---	---	---	---	---	---	9.0	9.0	---	---
MIN	---	---	---	---	---	---	---	---	5.6	3.4	---	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154	60	0.00	0.00
CAL YEAR 2009												
WTR YEAR 2010	MAX	9.0	MIN	3.4	AC-FT	214						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	13	0.00	46	24
2	---	---	---	---	---	---	0.00	0.00	14	0.00	47	24
3	---	---	---	---	---	---	0.00	0.00	15	0.00	44	24
4	---	---	---	---	---	---	0.00	0.00	12	0.00	43	27
5	---	---	---	---	---	---	0.00	0.00	8.5	0.00	42	30
6	---	---	---	---	---	---	0.00	0.00	7.5	0.00	38	30
7	---	---	---	---	---	---	0.00	0.00	6.9	9.2	37	32
8	---	---	---	---	---	---	0.00	0.00	0.49	16	38	33
9	---	---	---	---	---	---	0.00	0.00	4.7	15	40	33
10	---	---	---	---	---	---	0.00	0.00	8.0	16	37	33
11	---	---	---	---	---	---	0.00	0.00	8.8	16	34	30
12	---	---	---	---	---	---	0.00	0.00	19	17	30	28
13	---	---	---	---	---	---	0.00	21	3.6	17	31	27
14	---	---	---	---	---	---	0.00	16	0.00	19	36	25
15	---	---	---	---	---	---	0.00	15	0.00	24	38	8.5
16	---	---	---	---	---	---	0.00	15	0.00	31	39	0.00
17	---	---	---	---	---	---	0.00	15	0.00	39	28	0.00
18	---	---	---	---	---	---	0.00	14	0.00	45	26	0.00
19	---	---	---	---	---	---	0.00	14	0.00	48	26	0.00
20	---	---	---	---	---	---	0.00	15	0.00	45	29	0.00
21	---	---	---	---	---	---	0.00	15	0.00	38	33	0.00
22	---	---	---	---	---	---	0.00	14	0.00	39	38	0.00
23	---	---	---	---	---	---	0.00	14	0.00	40	44	0.00
24	---	---	---	---	---	---	0.00	14	0.00	41	47	0.00
25	---	---	---	---	---	---	0.00	14	0.00	45	48	0.00
26	---	---	---	---	---	---	0.00	14	0.00	51	46	0.00
27	---	---	---	---	---	---	0.00	14	0.00	53	47	0.00
28	---	---	---	---	---	---	0.00	13	0.00	55	44	0.00
29	---	---	---	---	---	---	0.00	13	0.00	53	44	0.00
30	---	---	---	---	---	---	0.00	14	0.00	50	39	0.00
31	---	---	---	---	---	---	---	13	---	48	24	---
TOTAL	0	0	0	0	0	0	0	277	121.49	870.2	1183	408.5
MEAN	0.000	---	---	---	---	---	0.000	8.9	4.0	28.1	38.1	13.6
MAX	0.00	---	---	---	---	---	0.00	21	19	55	48	33
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	24	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	549	241	1726	2346	810
CAL YEAR 2009	MAX	53.0	MIN	0.000	AC-FT	6983						
WTR YEAR 2010	MAX	55.0	MIN	0.000	AC-FT	5673						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	13	0.00	46	24
2	---	---	---	---	---	---	0.00	0.00	14	0.00	47	24
3	---	---	---	---	---	---	0.00	0.00	15	0.00	44	24
4	---	---	---	---	---	---	0.00	0.00	12	0.00	43	27
5	---	---	---	---	---	---	0.00	0.00	8.5	0.00	42	30
6	---	---	---	---	---	---	0.00	0.00	7.5	0.00	38	30
7	---	---	---	---	---	---	0.00	0.00	6.9	9.2	37	32
8	---	---	---	---	---	---	0.00	0.00	0.49	16	38	33
9	---	---	---	---	---	---	0.00	0.00	4.7	15	40	33
10	---	---	---	---	---	---	0.00	0.00	8.0	16	37	33
11	---	---	---	---	---	---	0.00	0.00	8.8	16	34	30
12	---	---	---	---	---	---	0.00	0.00	19	17	30	28
13	---	---	---	---	---	---	0.00	21	3.6	17	31	27
14	---	---	---	---	---	---	0.00	16	0.00	19	36	25
15	---	---	---	---	---	---	0.00	15	0.00	24	38	8.5
16	---	---	---	---	---	---	0.00	15	0.00	31	39	0.00
17	---	---	---	---	---	---	0.00	15	0.00	39	28	0.00
18	---	---	---	---	---	---	0.00	14	0.00	45	26	0.00
19	---	---	---	---	---	---	0.00	14	0.00	48	26	0.00
20	---	---	---	---	---	---	0.00	15	0.00	45	29	0.00
21	---	---	---	---	---	---	0.00	15	0.00	38	33	0.00
22	---	---	---	---	---	---	0.00	14	0.00	39	38	0.00
23	---	---	---	---	---	---	0.00	14	0.00	40	44	0.00
24	---	---	---	---	---	---	0.00	14	0.00	41	47	0.00
25	---	---	---	---	---	---	0.00	14	0.00	45	48	0.00
26	---	---	---	---	---	---	0.00	14	0.00	51	46	0.00
27	---	---	---	---	---	---	0.00	14	0.00	53	47	0.00
28	---	---	---	---	---	---	0.00	13	0.00	55	44	0.00
29	---	---	---	---	---	---	0.00	13	0.00	53	44	0.00
30	---	---	---	---	---	---	0.00	14	0.00	50	39	0.00
31	---	---	---	---	---	---	---	13	---	48	24	---
TOTAL	0	0	0	0	0	0	0	277	121.49	870.2	1183	408.5
MEAN	0.000	---	---	---	---	---	0.000	8.9	4.0	28.1	38.1	13.6
MAX	0.00	---	---	---	---	---	0.00	21	19	55	48	33
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	24	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	549	241	1726	2346	810
CAL YEAR 2009	MAX	53.0	MIN	0.000	AC-FT	6983						
WTR YEAR 2010	MAX	55.0	MIN	0.000	AC-FT	5673						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	33	84	104	79
2	---	---	---	---	---	---	0.00	0.00	34	82	102	79
3	---	---	---	---	---	---	0.00	0.00	35	80	102	79
4	---	---	---	---	---	---	0.00	0.00	36	70	101	79
5	---	---	---	---	---	---	0.00	0.00	37	45	99	79
6	---	---	---	---	---	---	0.00	0.00	37	24	99	79
7	---	---	---	---	---	---	0.00	19	38	7.8	100	79
8	---	---	---	---	---	---	0.00	27	39	37	106	79
9	---	---	---	---	---	---	0.00	31	44	49	107	79
10	---	---	---	---	---	---	0.00	32	49	48	105	75
11	---	---	---	---	---	---	0.00	33	53	48	103	51
12	---	---	---	---	---	---	0.00	39	55	54	104	50
13	---	---	---	---	---	---	0.00	38	59	51	105	52
14	---	---	---	---	---	---	0.00	39	35	52	105	57
15	---	---	---	---	---	---	0.00	39	29	52	105	22
16	---	---	---	---	---	---	0.00	39	28	59	107	0.00
17	---	---	---	---	---	---	0.00	41	20	71	46	0.00
18	---	---	---	---	---	---	0.00	41	10	70	21	0.00
19	---	---	---	---	---	---	0.00	40	3.1	72	37	0.00
20	---	---	---	---	---	---	0.00	40	0.00	75	37	0.00
21	---	---	---	---	---	---	0.00	41	0.00	70	36	0.00
22	---	---	---	---	---	---	0.00	40	0.00	66	54	0.00
23	---	---	---	---	---	---	0.00	39	0.00	67	75	0.00
24	---	---	---	---	---	---	0.00	36	0.00	68	86	0.00
25	---	---	---	---	---	---	0.00	33	0.00	70	93	0.00
26	---	---	---	---	---	---	0.00	34	2.0	72	99	0.00
27	---	---	---	---	---	---	0.00	34	7.9	86	102	0.00
28	---	---	---	---	---	---	0.00	33	62	104	101	0.00
29	---	---	---	---	---	---	0.00	32	87	101	98	0.00
30	---	---	---	---	---	---	0.00	33	85	102	100	0.00
31	---	---	---	---	---	---	---	32	---	106	90	---
TOTAL	0	0	0	0	0	0	0	885	918	2042.8	2729	1018
MEAN	0.000	---	---	---	---	---	0.000	28.5	30.6	65.9	88.0	34.0
MAX	0.00	---	---	---	---	---	0.00	41	87	106	107	79
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	7.8	21	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1755	1821	4052	5413	2019
CAL YEAR 2009	MAX	107.0	MIN	0.000	AC-FT	16560						
WTR YEAR 2010	MAX	107.0	MIN	0.000	AC-FT	15060						

**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 416 A.F. delivered to Middle Loup Canal No. 4

DISCHARGE (CFS), WATER YEAR 2010

	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	329	140	352	185	377
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330	153	349	186	376
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	337	151	350	187	375
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	351	156	355	184	377
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	339	157	352	182	379
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	341	157	317	180	378
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340	159	219	180	378
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	341	154	270	173	383
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	332	229	283	175	385
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	332	307	283	178	411
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	329	306	276	180	423
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	337	231	220	182	427
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335	205	180	182	440
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	334	248	183	183	430
15	0.00	0.00	0.00	0.00	0.00	0.00	70	335	188	174	180	419
16	0.00	0.00	0.00	0.00	0.00	0.00	187	337	209	178	184	431
17	0.00	0.00	0.00	0.00	0.00	0.00	282	339	208	183	184	433
18	0.00	0.00	0.00	0.00	0.00	0.00	326	337	206	178	182	434
19	0.00	0.00	0.00	0.00	0.00	0.00	327	335	205	170	182	433
20	0.00	0.00	0.00	0.00	0.00	0.00	335	339	211	178	181	433
21	0.00	0.00	0.00	0.00	0.00	0.00	337	337	217	178	181	431
22	0.00	0.00	0.00	0.00	0.00	0.00	334	338	213	180	163	435
23	0.00	0.00	0.00	0.00	0.00	0.00	336	335	208	177	177	436
24	0.00	0.00	0.00	0.00	0.00	0.00	317	231	262	170	171	432
25	0.00	0.00	0.00	0.00	0.00	0.00	328	159	314	172	178	433
26	0.00	0.00	0.00	0.00	0.00	0.00	325	166	312	174	179	430
27	0.00	0.00	0.00	0.00	0.00	0.00	325	159	295	184	175	432
28	0.00	0.00	0.00	0.00	0.00	0.00	329	129	321	179	172	432
29	0.00	0.00	0.00	0.00	---	0.00	329	107	346	180	177	330
30	0.00	0.00	0.00	0.00	---	0.00	327	107	348	174	282	274
31	0.00	---	0.00	0.00	---	0.00	---	107	---	182	374	---
TOTAL	0	0	0	0	0	0	4814	8904	6816	7000	5859	12187
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	160.5	287.2	227.2	225.8	189.0	406.2
MAX	0.00	0.00	0.00	0.00	0.00	0.00	337	351	348	355	374	440
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107	140	170	163	274
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	9548	17660	13520	13880	11620	24170
CAL YEAR 2009	MAX	554.0	MIN	0.000	AC-FT	104400						
WTR YEAR 2010	MAX	440.0	MIN	0.000	AC-FT	90410						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	13	---
2	---	---	---	---	---	---	---	0.00	0.00	0.00	13	---
3	---	---	---	---	---	---	---	0.00	0.00	0.00	5.6	---
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
8	---	---	---	---	---	---	---	34	0.00	0.00	0.00	---
9	---	---	---	---	---	---	---	48	0.00	0.00	0.00	---
10	---	---	---	---	---	---	---	24	0.00	0.00	0.00	---
11	---	---	---	---	---	---	---	0.00	0.00	0.00	4.8	---
12	---	---	---	---	---	---	---	0.00	0.00	0.00	8.2	---
13	---	---	---	---	---	---	---	0.00	0.00	0.00	8.2	---
14	---	---	---	---	---	---	---	0.00	0.00	0.00	3.4	---
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	---
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	---	---	0.00	0.00	0.00	3.9	---
25	---	---	---	---	---	---	---	0.00	0.00	0.00	12	---
26	---	---	---	---	---	---	---	0.00	0.00	0.00	12	---
27	---	---	---	---	---	---	---	0.00	0.00	0.00	4.9	---
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	---	---	0.00	0.00	1.9	0.00	---
31	---	---	---	---	---	---	---	0.00	---	13	0.00	---
TOTAL	0	0	0	0	0	0	0	106	0	14.9	89	0
MEAN	---	---	---	---	---	---	---	3.4	0.000	0.48	2.9	---
MAX	---	---	---	---	---	---	---	48	0.00	13	13	---
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	210	0.00	30	177	0.00
CAL YEAR 2009	MAX	15.0	MIN	0.000	AC-FT	146						
WTR YEAR 2010	MAX	48.0	MIN	0.000	AC-FT	416						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	56680	55420	54180	52970	51770	50820	50350	57430	70230	69080	64040	38330
2	56420	55420	54180	52970	51770	50820	50350	57940	70230	69080	62940	37740
3	56170	55420	53940	52720	51770	50580	50110	58460	70230	69360	61870	37350
4	56170	55420	53940	52720	51770	50580	50110	58980	70230	69360	61080	36970
5	55920	55170	53940	52720	51770	50580	50110	59500	69940	69650	60010	36970
6	55920	55170	53940	52720	51770	50580	50110	60280	69650	69650	58980	36970
7	55670	55170	53940	52720	51530	50580	50110	60810	69650	69650	57940	36970
8	55670	55170	53940	52720	51530	50580	50110	61340	69650	69360	57180	36970
9	55670	55170	53940	52480	51530	51060	50110	61870	69360	69360	56170	37160
10	55670	54920	53700	52480	51530	51290	50110	62140	69360	69360	55170	37540
11	55670	54920	53700	52480	51530	51060	50110	62400	69650	69360	54180	38330
12	55670	54920	53700	52480	51530	51060	50110	62940	69650	69360	52970	39110
13	55420	54920	53700	52480	51290	51060	50110	63490	69650	69360	51770	39910
14	55420	54920	53700	52480	51290	51060	50110	64040	69940	69360	50580	40720
15	55420	54920	53550	52480	51290	51060	50580	64580	69650	69360	49420	41330
16	55420	54920	53550	52240	51290	51060	50350	65130	69360	69360	48270	42170
17	55420	54920	53550	52240	51290	51060	50580	65680	69360	69360	47590	42800
18	55420	54670	53550	52240	51060	50820	51060	66250	69080	69080	47140	43640
19	55420	54670	53550	52240	51060	50820	51530	66810	68790	69080	46920	44290
20	55420	54670	53550	52240	51060	50820	52240	67370	68790	68790	47140	45150
21	55420	54670	53210	52240	51060	50820	52720	67930	68790	68500	46700	45810
22	55670	54430	53210	52240	51060	50820	53210	68500	68500	67930	46700	46700
23	55670	54430	53210	52000	51060	50820	53940	69080	68790	67930	46700	47590
24	55420	54430	53210	52000	51060	50580	54430	69360	68790	67650	46480	48500
25	55420	54430	53210	52000	50820	50580	54920	69940	68790	67370	46480	49190
26	55420	54430	53210	52000	50820	50350	55420	69940	68790	67370	45580	49650
27	55420	54430	53210	52000	50820	50350	55920	69940	69080	67370	44290	50350
28	55420	54180	52970	52000	50820	50350	56170	70230	69080	67370	42800	50820
29	55420	54180	52970	51770	---	50350	56680	70230	69080	67090	41330	51530
30	55420	54180	52970	51770	---	50350	57430	70230	69080	66250	40120	52240
31	55420	---	52970	51770	---	50350	---	70230	---	65400	39110	---
MEAN	55640	54820	53550	52340	51320	50740	51970	64940	69370	68600	50890	42760
MAX	56680	55420	54180	52970	51770	51290	57430	70230	70230	69650	64040	52240
MIN	55420	54180	52970	51770	50820	50350	50110	57430	68500	65400	39110	36970
CAL YEAR 2009	MEAN	56720	MAX	70230	MIN	48500						
WTR YEAR 2010	MEAN	55620	MAX	70230	MIN	36970						

**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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	67	135	460	360
2	---	---	---	---	---	---	---	---	103	170	466	318
3	---	---	---	---	---	---	---	---	111	189	454	270
4	---	---	---	---	---	---	---	---	126	191	424	225
5	---	---	---	---	---	---	---	---	131	177	418	215
6	---	---	---	---	---	---	---	---	131	166	412	190
7	---	---	---	---	---	---	---	---	148	158	392	177
8	---	---	---	---	---	---	---	---	152	152	385	166
9	---	---	---	---	---	---	---	---	148	152	405	144
10	---	---	---	---	---	---	---	---	146	174	436	38
11	---	---	---	---	---	---	---	---	146	183	454	0.00
12	---	---	---	---	---	---	---	---	146	99	474	0.00
13	---	---	---	---	---	---	---	---	146	75	467	0.00
14	---	---	---	---	---	---	---	---	150	82	454	0.00
15	---	---	---	---	---	---	---	---	152	82	454	0.00
16	---	---	---	---	---	---	---	---	152	82	441	0.00
17	---	---	---	---	---	---	---	---	152	101	147	0.00
18	---	---	---	---	---	---	---	---	150	105	59	0.00
19	---	---	---	---	---	---	---	---	150	232	83	0.00
20	---	---	---	---	---	---	---	---	150	274	92	0.00
21	---	---	---	---	---	---	---	---	141	182	98	0.00
22	---	---	---	---	---	---	---	---	128	142	101	0.00
23	---	---	---	---	---	---	---	---	126	121	124	0.00
24	---	---	---	---	---	---	---	---	124	90	182	0.00
25	---	---	---	---	---	---	---	---	126	82	367	0.00
26	---	---	---	---	---	---	---	---	126	94	495	0.00
27	---	---	---	---	---	---	---	---	126	133	505	0.00
28	---	---	---	---	---	---	---	---	126	233	485	0.00
29	---	---	---	---	---	---	---	---	128	357	478	0.00
30	---	---	---	---	---	---	---	---	131	440	446	0.00
31	---	---	---	---	---	---	---	---	---	460	403	---
TOTAL	0	0	0	0	0	0	0	0	4039	5313	11061	2103
MEAN	---	---	---	---	---	---	---	---	134.6	171.4	356.8	70.1
MAX	---	---	---	---	---	---	---	---	152	460	505	360
MIN	---	---	---	---	---	---	---	---	67	75	59	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8011	10540	21940	4171
CAL YEAR 2009	MAX	445.0	MIN	0.000	AC-FT	48970						
WTR YEAR 2010	MAX	505.0	MIN	0.000	AC-FT	44660						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	27	66	266	239
2	---	---	---	---	---	---	---	---	54	67	266	214
3	---	---	---	---	---	---	---	---	60	67	266	191
4	---	---	---	---	---	---	---	---	62	68	256	155
5	---	---	---	---	---	---	---	---	62	66	253	146
6	---	---	---	---	---	---	---	---	62	55	253	118
7	---	---	---	---	---	---	---	---	77	57	239	100
8	---	---	---	---	---	---	---	---	81	66	235	98
9	---	---	---	---	---	---	---	---	87	90	253	84
10	---	---	---	---	---	---	---	---	88	133	266	0.00
11	---	---	---	---	---	---	---	---	88	144	277	0.00
12	---	---	---	---	---	---	---	---	89	64	287	0.00
13	---	---	---	---	---	---	---	---	89	42	290	0.00
14	---	---	---	---	---	---	---	---	89	43	267	0.00
15	---	---	---	---	---	---	---	---	89	44	259	0.00
16	---	---	---	---	---	---	---	---	88	44	259	0.00
17	---	---	---	---	---	---	---	---	88	61	255	0.00
18	---	---	---	---	---	---	---	---	88	66	92	0.00
19	---	---	---	---	---	---	---	---	88	92	45	0.00
20	---	---	---	---	---	---	---	---	88	100	36	0.00
21	---	---	---	---	---	---	---	---	87	73	34	0.00
22	---	---	---	---	---	---	---	---	83	59	34	0.00
23	---	---	---	---	---	---	---	---	78	58	60	0.00
24	---	---	---	---	---	---	---	---	78	47	89	0.00
25	---	---	---	---	---	---	---	---	70	44	174	0.00
26	---	---	---	---	---	---	---	---	67	60	234	0.00
27	---	---	---	---	---	---	---	---	67	84	284	0.00
28	---	---	---	---	---	---	---	---	67	199	291	0.00
29	---	---	---	---	---	---	---	---	66	216	291	0.00
30	---	---	---	---	---	---	---	---	66	246	282	0.00
31	---	---	---	---	---	---	---	---	---	263	251	---
TOTAL	0	0	0	0	0	0	0	0	2273	2784	6644	1345
MEAN	---	---	---	---	---	---	---	---	75.9	89.7	214.3	44.8
MAX	---	---	---	---	---	---	---	---	89	263	291	239
MIN	---	---	---	---	---	---	---	---	27	42	34	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4508	5522	13180	2668
CAL YEAR 2009	MAX	267.0	MIN	0.000	AC-FT	28880						
WTR YEAR 2010	MAX	291.0	MIN	0.000	AC-FT	25880						

**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 978 cubic feet per second June 17, gage height 14.63 feet; minimum daily discharge 19 cubic feet per second October 1 - 4.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19	37	31	26e	29e	34e	36	36	41	49	37	31
2	19	39	31	26e	29e	28e	36	35	43	46	37	33
3	19	36	29e	27e	30e	42e	35	35	40	46	38	33
4	19	36	27e	27e	29e	44e	35	34	35	47	41	32
5	20	33	26e	28e	29e	56e	35	34	36	50	61	29
6	21	31	22e	27e	30e	64e	35	35	34	54	308	28
7	22	31	23e	27e	29e	54e	38	36	35	66	166	28
8	21	29	21e	26e	28e	50e	41	36	43	78	69	27
9	21	29	24e	25e	26e	171	43	35	47	56	49	27
10	24	29	26e	26e	27e	185	53	34	48	48	42	29
11	23	29	25e	27e	28e	145	44	35	60	54	39	28
12	22	29	26e	28e	28e	104	39	35	72	253	40	28
13	23	33	25e	29e	28e	71	38	36	260	636	49	27
14	24	30	24e	29e	28e	68	39	35	453	270	47	27
15	25	30	27e	29e	27e	58	39	35	753	152	41	27
16	24	29	27e	30e	29e	52	39	35	899	83	42	26
17	23	29	28e	30e	29e	48	41	35	868	65	100	27
18	24	29	27e	28e	29e	45	40	35	336	63	57	27
19	24	29	26e	29e	29e	44	37	36	143	63	61	27
20	23	29	27e	27e	29e	42	37	40	102	75	71	27
21	24	29	28e	28e	29e	41	37	40	113	61	48	28
22	41	29	26e	29e	29e	40	37	38	182	55	39	28
23	46	30	27e	28e	29e	39	40	40	123	81	38	27
24	46	30	24e	29e	28e	38	42	35	96	63	37	28
25	44	30	25e	25e	29e	37	40	34	73	67	36	187
26	38	30	26e	29e	29e	37	40	37	63	51	34	132
27	32	30	28e	28e	30e	37	42	34	59	47	31	51
28	29	31	27e	24e	32e	37	38	35	56	44	31	37
29	29	31	29e	27e	---	37	37	34	52	39	31	32
30	43	31	28e	28e	---	37	37	34	51	37	28	30
31	38	---	27e	29e	---	36	---	39	---	39	30	---
TOTAL	850	927	817	855	805	1821	1170	1107	5216	2838	1778	1148
MEAN	27.4	30.8	26.4	27.6	28.7	58.7	39.0	35.8	173.8	91.6	57.3	38.2
MAX	46	39	31	30	32	185	53	40	899	636	308	187
MIN	19	29	21	24	26	28	35	34	34	37	28	26
AC-FT	1686	1839	1620	1696	1597	3612	2321	2196	10350	5629	3527	2277
CAL YEAR 2009	TOTAL		14356	MEAN	39.3	MAX	1050	MIN	14.0	AC-FT	28470	
WTR YEAR 2010	TOTAL		19332	MEAN	53.0	MAX	899.0	MIN	19.0	AC-FT	38340	

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 1,030 cubic feet per second June 14, gage height 15.75 feet; minimum daily discharge 7.0 cubic feet per second estimated January 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.7	25	12	14e	10e	16	17	12	14	26	37	39
2	9.0	21	12	12e	11e	14	16	12	13	26	39	40
3	9.5	19	9.9e	8.2e	13	19	16	12	12	26	39	35
4	10.0	18	9.0e	9.9e	13	47	15	11	37	28	39	29
5	9.7	18	9.4e	10e	15	93	15	11	25	32	38	26
6	12	17	9.9e	13e	14	146	15	11	12	31	39	24
7	11	17	14e	15e	14	64	16	12	15	33	38	27
8	9.8	16	13e	12e	11e	40	16	12	99	28	34	26
9	9.1	15	14e	7.0e	12e	499	15	11	116	23	33	22
10	9.9	15	11e	16e	10e	374	14	11	55	22	35	24
11	11	14	15e	14e	13	69	14	13	242	32	32	20
12	11	14	17e	11e	13	45	14	13	130	119	30	16
13	12	15	13e	12e	13	39	14	13	209	86	31	14
14	15	14	12e	12	16e	35	14	12	747	30	34	13
15	14	13	12e	12	15e	32	14	11	115	24	37	10
16	12	13	11e	12	11e	30	13	11	44	23	38	10
17	11	13	11e	13	10e	28	13	12	35	22	111	9.2
18	10	13	12e	14	13	27	13	12	29	22	45	9.4
19	10	13	11e	14	13	26	13	12	26	21	20	9.4
20	10	12	12e	13	13	25	13	14	166	44	21	9.1
21	11	13	12e	14	13	24	13	14	145	42	21	9.6
22	59	13	11e	12e	10e	23	13	13	67	32	22	8.6
23	75	13	11e	13e	11e	23	16	12	65	163	21	9.5
24	31	13	15e	16e	9.5e	22	16	12	42	66	20	10.0
25	21	11	13e	16e	10e	20	14	12	32	31	19	9.9
26	18	11	14e	17e	14e	20	13	16	29	27	27	9.5
27	17	12	17e	13e	21	20	13	16	28	24	37	9.3
28	19	12	20e	11e	20	19	13	13	27	24	42	9.0
29	25	12	22e	11e	---	18	13	13	27	24	38	8.9
30	63	11	23e	11e	---	18	13	14	27	31	39	8.9
31	51	---	18e	11e	---	18	---	39	---	32	37	---
TOTAL	604.7	436	416.2	389.1	361.5	1893	427	412	2630	1194	1093	505.3
MEAN	19.5	14.5	13.4	12.6	12.9	61.1	14.2	13.3	87.7	38.5	35.3	16.9
MAX	75	25	23	17	21	499	17	39	747	163	111	40
MIN	8.7	11	9.0	7.0	9.5	14	13	11	12	21	19	8.6
AC-FT	1199	865	826	772	717	3755	847	817	5217	2368	2168	1002
CAL YEAR 2009 TOTAL			8015	MEAN	22.0	MAX	338.0	MIN	6.9	AC-FT	15900	
WTR YEAR 2010 TOTAL			10362	MEAN	28.4	MAX	747.0	MIN	7.0	AC-FT	20550	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	48	0.00	---	---
2	---	---	---	---	---	---	---	0.00	58	0.00	---	---
3	---	---	---	---	---	---	---	0.00	63	0.00	---	---
4	---	---	---	---	---	---	---	0.00	46	0.00	---	---
5	---	---	---	---	---	---	---	0.00	54	0.00	---	---
6	---	---	---	---	---	---	---	0.00	50	0.00	---	---
7	---	---	---	---	---	---	---	0.00	47	---	---	---
8	---	---	---	---	---	---	---	0.00	54	---	---	---
9	---	---	---	---	---	---	---	0.00	44	---	---	---
10	---	---	---	---	---	---	---	0.00	55	---	---	---
11	---	---	---	---	---	---	---	0.00	44	---	---	---
12	---	---	---	---	---	---	---	0.00	143	---	---	---
13	---	---	---	---	---	---	---	0.00	113	---	---	---
14	---	---	---	---	---	---	---	0.00	139	---	---	---
15	---	---	---	---	---	---	---	0.00	96	---	---	---
16	---	---	---	---	---	---	---	0.00	37	---	---	---
17	---	---	---	---	---	---	---	73	0.00	---	---	---
18	---	---	---	---	---	---	---	83	0.00	---	---	---
19	---	---	---	---	---	---	---	36	0.00	---	---	---
20	---	---	---	---	---	---	---	42	0.00	---	---	---
21	---	---	---	---	---	---	---	48	0.00	---	---	---
22	---	---	---	---	---	---	---	44	0.00	---	---	---
23	---	---	---	---	---	---	---	43	0.00	---	---	---
24	---	---	---	---	---	---	---	45	0.00	---	---	---
25	---	---	---	---	---	---	---	54	0.00	---	---	---
26	---	---	---	---	---	---	---	51	0.00	---	---	---
27	---	---	---	---	---	---	---	51	0.00	---	---	---
28	---	---	---	---	---	---	---	51	0.00	---	---	---
29	---	---	---	---	---	---	---	52	0.00	---	---	---
30	---	---	---	---	---	---	---	51	0.00	---	---	---
31	---	---	---	---	---	---	---	48	---	---	---	---
TOTAL	0	0	0	0	0	0	0	772	1091	0	0	0
MEAN	0.000	---	---	---	---	---	---	24.9	36.4	0.000	---	---
MAX	0.00	---	---	---	---	---	---	83	143	0.00	---	---
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	1531	2164	0.00	0.00	0.00
CAL YEAR 2009	MAX	215.0	MIN	0.000	AC-FT	35260						
WTR YEAR 2010	MAX	143.0	MIN	0.000	AC-FT	3695						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	25	---	---	---
2	---	---	---	---	---	---	---	0.00	27	---	---	---
3	---	---	---	---	---	---	---	0.00	30	---	---	---
4	---	---	---	---	---	---	---	0.00	29	---	---	---
5	---	---	---	---	---	---	---	0.00	28	---	---	---
6	---	---	---	---	---	---	---	0.00	29	---	---	---
7	---	---	---	---	---	---	---	0.00	28	---	---	---
8	---	---	---	---	---	---	---	0.00	31	---	---	---
9	---	---	---	---	---	---	---	0.00	25	---	---	---
10	---	---	---	---	---	---	---	0.00	22	---	---	---
11	---	---	---	---	---	---	---	0.00	24	---	---	---
12	---	---	---	---	---	---	---	0.00	24	---	---	---
13	---	---	---	---	---	---	---	0.00	12	---	---	---
14	---	---	---	---	---	---	---	0.00	9.5	---	---	---
15	---	---	---	---	---	---	---	0.00	6.9	---	---	---
16	---	---	---	---	---	---	---	0.00	3.9	---	---	---
17	---	---	---	---	---	---	---	0.00	0.82	---	---	---
18	---	---	---	---	---	---	---	18	0.00	---	---	---
19	---	---	---	---	---	---	---	25	0.00	---	---	---
20	---	---	---	---	---	---	---	11	0.00	---	---	---
21	---	---	---	---	---	---	---	22	0.00	---	---	---
22	---	---	---	---	---	---	---	23	0.00	---	---	---
23	---	---	---	---	---	---	---	20	0.00	---	---	---
24	---	---	---	---	---	---	---	19	0.00	---	---	---
25	---	---	---	---	---	---	---	21	0.00	---	---	---
26	---	---	---	---	---	---	---	24	0.00	---	---	---
27	---	---	---	---	---	---	---	25	0.00	---	---	---
28	---	---	---	---	---	---	---	26	0.00	---	---	---
29	---	---	---	---	---	---	---	26	0.00	---	---	---
30	---	---	---	---	---	---	---	26	0.00	---	---	---
31	---	---	---	---	---	---	---	25	---	---	---	---
TOTAL	0	0	0	0	0	0	0	311	355.12	0	0	0
MEAN	---	---	---	---	---	---	---	10.0	11.9	---	---	---
MAX	---	---	---	---	---	---	---	26	31	---	---	---
MIN	---	---	---	---	---	---	---	0.00	0.00	---	---	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	617	704	0.00	0.00	0.00
CAL YEAR 2009	MAX	144.0	MIN	1.9	AC-FT	23270						
WTR YEAR 2010	MAX	31.0	MIN	0.000	AC-FT	1321						

**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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	25	36	59	57
2	---	---	---	---	---	---	---	0.00	25	36	59	20
3	---	---	---	---	---	---	---	0.00	25	36	59	0.00
4	---	---	---	---	---	---	---	0.00	25	35	58	0.00
5	---	---	---	---	---	---	---	0.00	25	24	64	0.00
6	---	---	---	---	---	---	---	0.00	25	15	69	0.00
7	---	---	---	---	---	---	---	0.00	26	15	69	0.00
8	---	---	---	---	---	---	---	0.00	26	13	70	0.00
9	---	---	---	---	---	---	---	0.00	25	12	70	0.00
10	---	---	---	---	---	---	---	0.00	25	7.0	69	0.00
11	---	---	---	---	---	---	---	0.00	19	6.2	68	0.00
12	---	---	---	---	---	---	---	0.00	13	6.7	67	0.00
13	---	---	---	---	---	---	---	35	12	6.8	67	0.00
14	---	---	---	---	---	---	---	24	13	8.3	65	0.00
15	---	---	---	---	---	---	---	24	13	7.9	64	0.00
16	---	---	---	---	---	---	---	24	13	6.7	19	0.00
17	---	---	---	---	---	---	---	24	19	6.2	0.00	0.00
18	---	---	---	---	---	---	---	24	27	4.8	26	0.00
19	---	---	---	---	---	---	---	24	32	28	53	0.00
20	---	---	---	---	---	---	---	24	33	43	59	0.00
21	---	---	---	---	---	---	---	24	33	44	59	0.00
22	---	---	---	---	---	---	---	24	33	46	60	0.00
23	---	---	---	---	---	---	---	24	33	48	62	0.00
24	---	---	---	---	---	---	---	24	34	48	62	0.00
25	---	---	---	---	---	---	---	24	34	49	61	0.00
26	---	---	---	---	---	---	---	24	35	52	61	0.00
27	---	---	---	---	---	---	---	23	34	54	60	0.00
28	---	---	---	---	---	---	---	23	37	54	58	0.00
29	---	---	---	---	---	---	---	23	37	57	59	0.00
30	---	---	---	---	---	---	---	23	36	59	60	0.00
31	---	---	---	---	---	---	---	24	---	59	60	---
TOTAL	0	0	0	0	0	0	0	463	792	923.6	1796	77
MEAN	---	---	---	---	---	---	---	14.9	26.4	29.8	57.9	2.6
MAX	---	---	---	---	---	---	---	35	37	59	70	57
MIN	---	---	---	---	---	---	---	0.00	12	4.8	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	918	1571	1832	3562	153
CAL YEAR 2009	MAX	76.0	MIN	0.000	AC-FT	13360						
WTR YEAR 2010	MAX	70.0	MIN	0.000	AC-FT	8036						

**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 2010

	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	16	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	0.00	46	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	43	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	44	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	46	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	48	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	47	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	47	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	12	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	7.6	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
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	356.6	0	0	0
MEAN	---	---	---	---	---	---	0.000	0.000	11.9	0.000	0.000	0.000
MAX	---	---	---	---	---	---	0.00	0.00	48	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	0.00	707	0.00	0.00	0.00
CAL YEAR 2009	MAX	150.0	MIN	0.000	AC-FT	8627						
WTR YEAR 2010	MAX	48.0	MIN	0.000	AC-FT	707						

**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 3,260 cubic feet per second June 12, 2010, gage height 7.75 feet; maximum gage height 7.75 feet June 10, 2010 due to a flood; minimum daily discharge 90 cubic feet per second January 7, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,260 cubic feet per second June 12, gage height 7.75 feet; minimum daily discharge 214 cubic feet per second estimated December 20.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	298	413	282	263e	289e	345	343	363	427	409	313	298
2	294	430	280	253e	286e	344	335	343	460	387	314	292
3	288	428	269	243e	310e	369	324	320	428	371	363	284
4	281	401	249e	258e	287e	410	315	299	371	440	336	285
5	301	379	232e	271e	291e	455	310	289	405	437	330	286
6	309	358	228e	267e	281e	509	321	279	389	424	337	292
7	309e	346	242e	230e	294e	504	325	280	417	406	325	291
8	306e	334	246e	218e	281e	498	317	270	490	391	313	294
9	305e	325	240e	215e	289e	532	302	276	509	380	309	303
10	302	319	217e	270e	284e	570	295	284	637	373	349	305
11	300	314	238e	266e	295e	542	294	291	1180	480	335	296
12	303	315	248e	295e	311e	508	293	295	2360	640	336	289
13	310	312	235e	290e	289e	482	285	294	2390	560	316	287
14	319	306	242e	309e	301e	489	356	282	1800	445	309	291
15	328	300	233e	306e	286e	479	361	279	1420	396	309	300
16	322	297	246e	306e	283e	469	318	276	980	374	312	289
17	315	290	257e	293e	298e	453	292	275	696	359	325	287
18	311	293	250e	254e	313e	437	283	271	559	348	316	295
19	311	289	232e	249e	320	442	279	275	512	338	317	291
20	310	286	214e	244e	315	417	287	283	481	343	349	293
21	326	289	231e	228e	312	405	348	276	483	353	316	314
22	348	290	257e	219e	308	415	360	276	508	361	304	338
23	349	288	242e	289e	313	404	402	268	516	349	295	385
24	348	283	234e	262e	310	396	467	286	488	349	297	385
25	339	278	256e	276e	313	384	424	296	467	358	292	349
26	323	276	242e	300e	325	386	462	286	459	337	287	324
27	322	277	263e	284e	343	375	466	269	468	329	282	315
28	323	284	241e	261e	344	360	418	258	450	319	280	307
29	348	281	250e	274e	---	359	384	253	432	318	278	301
30	395	283	257e	293e	---	356	372	375	419	318	285	297
31	399	---	244e	274e	---	350	---	411	---	323	301	---
TOTAL	9942	9564	7597	8260	8471	13444	10338	9078	21601	12015	9730	9163
MEAN	320.7	318.8	245.0	266.4	302.6	433.7	344.6	292.8	720.3	387.6	313.8	305.4
MAX	399	430	282	309	344	570	467	411	2390	640	363	385
MIN	281	276	214	215	281	344	279	253	371	318	278	284
AC-FT	19720	18970	15070	16380	16800	26670	20510	18010	42840	23830	19300	18170
CAL YEAR 2009	TOTAL		112967	MEAN	309.5	MAX	598.0	MIN	205.0	AC-FT	224100	
WTR YEAR 2010	TOTAL		129203	MEAN	354.0	MAX	2390	MIN	214.0	AC-FT	256300	

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

6787300 Calamus Reservoir near Burwell, ---

STORAGE (ACFT), WATER YEAR 2010

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	83140	93960	104100	107600	108500	108700	118300	122900	118300	125400	106100	76160
2	83370	94170	104400	107600	108500	108700	118600	122700	118500	125300	105300	75060
3	83250	94500	104800	107700	108400	108800	118800	122500	118500	124900	104200	74230
4	83520	94880	104900	107800	108300	108800	119000	122300	118700	124700	103400	73040
5	83760	95100	105200	107800	108400	108900	119200	122200	119200	124300	102500	71760
6	84300	95430	105600	107900	108400	109100	119500	121900	119500	123800	101500	70910
7	84530	95730	105900	107800	108400	109400	120100	122000	119800	123300	100300	70100
8	85040	95860	106100	107600	108500	109700	120100	121500	120700	122500	99430	68920
9	85360	95990	106500	107600	108200	110400	120200	121100	121100	121900	98520	68190
10	85710	96330	106600	107600	107900	111100	120500	120800	121000	121400	97740	66900
11	86030	96580	106500	107700	107900	111700	120700	120900	123200	121100	97140	66390
12	86340	97010	106600	107800	108000	112300	120900	120700	126300	121600	96370	65410
13	86580	97570	106800	107900	108100	113100	121100	120800	131500	121300	95730	64570
14	87140	97830	106900	108100	108200	113300	121400	120300	135800	121000	94840	63850
15	87740	98220	107000	108200	107900	113700	121600	120000	137700	120500	93960	63090
16	88000	98600	107100	108300	107700	114000	121800	119900	138000	119900	92960	62400
17	88460	98950	107100	108400	107600	114200	121700	119700	137400	119500	92380	61530
18	88820	99250	107200	108500	107800	114500	121700	119500	136200	118900	91680	60790
19	89390	99600	107300	108600	108200	114900	121700	119300	134900	118300	90850	60020
20	89750	100000	107500	108700	108300	115100	121600	119200	133400	117500	90000	59220
21	90400	100400	107600	108700	108400	115300	122000	119000	132000	116700	89220	59380
22	91020	100800	107700	108700	108500	115500	122100	118800	131200	116100	88060	59510
23	91720	101200	107800	108800	108600	115900	122200	118700	130000	115200	86820	59980
24	91680	101600	107900	108800	108600	116200	122700	118200	128700	114500	85990	60020
25	91960	102100	107600	108800	108600	116400	123100	118500	127300	113300	84610	60020
26	92090	102200	107300	108500	108600	116600	123300	118400	126100	112500	83520	59920
27	92090	102600	107300	108400	108600	116900	123300	118200	125100	111500	81980	59760
28	92250	103000	107200	108400	108700	117200	123000	118000	124800	110600	80530	59700
29	92660	103300	107200	108400	---	117500	123300	117900	125000	109300	79400	59640
30	93290	103700	107400	108400	---	117800	123100	118600	125200	108200	78160	60150
31	93710	---	107400	108400	---	118200	---	118300	---	107100	77150	---
MEAN	88160	98550	106700	108200	108300	113400	121200	120100	126800	118500	92590	64690
MAX	93710	103700	107900	108800	108700	118200	123300	122900	138000	125400	106100	76160
MIN	83140	93960	104100	107600	107600	108700	118300	117900	118300	107100	77150	59220
CAL YEAR 2009	MEAN	108200	MAX	128000	MIN	82320						
WTR YEAR 2010	MEAN	105600	MAX	138000	MIN	59220						

**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 2010												
	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	238	334	360	604	422
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240	340	368	588	320
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239	314	352	542	292
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239	283	350	525	257
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254	277	330	574	229
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	317	276	320	584	262
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	329	280	333	576	268
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	332	254	334	572	247
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328	269	341	588	273
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	331	274	333	586	221
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	326	269	318	571	196
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330	263	318	586	197
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	360	310	278	597	37
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	348	352	256	599	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	348	331	283	592	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	348	325	293	538	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	348	344	326	468	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340	378	323	463	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	319	381	406	469	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335	377	462	492	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	331	375	449	531	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	323	376	454	542	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321	376	466	628	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	351	376	491	601	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	351	376	481	563	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	51	349	373	526	586	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	143	350	382	535	549	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	216	347	373	589	499	0.00
29	0.00	0.00	0.00	0.00	---	0.00	239	348	342	611	495	0.00
30	0.00	0.00	0.00	0.00	---	0.00	239	340	347	635	544	0.00
31	0.00	---	0.00	0.00	---	0.00	---	335	---	611	512	---
TOTAL	0	0	0	0	0	0	888	9995	9927	12532	17164	3221
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	29.6	322.4	330.9	404.3	553.7	107.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	239	360	382	635	628	422
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	238	254	256	463	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1761	19820	19690	24860	34040	6389
CAL YEAR 2009	MAX	510.0	MIN	0.000	AC-FT	82080						
WTR YEAR 2010	MAX	635.0	MIN	0.000	AC-FT	106600						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	0.30	0.00	0.00	0.00	1.0	8.1	8.5	6.6	14	12	13
2	9.1	0.30	0.00	0.00	0.00	1.0	8.1	11	7.0	15	12	13
3	3.3	0.00	0.00	0.00	0.00	1.0	8.2	9.7	8.0	13	12	14
4	3.4	0.00	0.00	0.00	0.00	2.2	8.0	9.6	9.2	13	11	14
5	4.7	0.00	0.00	0.00	0.00	5.1	8.0	7.9	8.3	13	11	14
6	8.1	0.00	0.00	0.00	0.00	5.9	7.8	7.0	8.4	14	11	14
7	10	0.00	0.00	0.00	0.00	5.8	9.0	7.5	8.3	15	11	14
8	12	0.00	0.00	0.00	0.00	5.7	12	8.1	8.7	15	11	14
9	11	0.00	0.00	0.00	0.00	6.7	16	10	8.2	14	11	15
10	9.3	0.00	0.00	0.00	0.00	8.4	15	12	9.0	15	10	16
11	9.2	0.00	0.00	0.00	0.00	8.5	15	8.7	11	14	11	16
12	9.0	0.00	0.00	0.00	0.00	8.2	15	7.7	12	13	12	17
13	7.3	0.00	0.00	0.00	0.00	8.1	15	5.5	9.3	13	11	17
14	7.2	0.00	0.00	0.00	0.00	8.2	14	5.7	8.9	14	10	17
15	5.6	0.00	0.00	0.00	0.00	8.1	13	7.3	9.1	12	11	17
16	3.4	0.00	0.00	0.00	0.00	8.0	11	6.4	10	13	9.9	15
17	3.4	0.00	0.00	0.00	0.00	8.5	11	4.2	12	13	7.4	14
18	3.4	0.00	0.00	0.00	0.00	9.5	4.9	4.5	13	13	9.1	16
19	2.4	0.00	0.00	0.00	0.00	10	8.6	4.0	13	13	12	13
20	0.30	0.00	0.00	0.00	0.00	10	13	3.5	11	13	11	13
21	0.30	0.00	0.00	0.00	0.00	9.7	12	3.7	9.2	14	12	14
22	0.30	0.00	0.00	0.00	0.00	8.7	19	4.0	9.8	14	11	16
23	0.30	0.00	0.00	0.00	0.00	8.8	10	5.5	12	15	11	13
24	0.30	0.00	0.00	0.00	0.00	8.7	9.3	5.6	14	14	11	6.4
25	0.30	0.00	0.00	0.00	0.00	8.6	11	6.4	13	14	12	6.2
26	0.30	0.00	0.00	0.00	0.00	8.5	10	8.2	11	13	13	6.2
27	0.30	0.00	0.00	0.00	0.00	8.4	8.5	7.3	13	13	13	6.2
28	0.30	0.00	0.00	0.00	0.00	8.4	8.1	6.9	12	13	12	6.2
29	0.30	0.00	0.00	0.00	---	8.5	7.5	7.2	11	13	11	5.6
30	0.30	0.00	0.00	0.00	---	8.3	6.7	8.1	12	13	11	4.8
31	0.30	---	0.00	0.00	---	8.4	---	8.0	---	13	13	---
TOTAL	138.4	0.6	0	0	0	224.9	322.8	219.7	308	421	346.4	380.6
MEAN	4.4	0.020	0.000	0.000	0.000	7.3	10.7	7.1	10.2	13.5	11.1	12.6
MAX	13	0.30	0.00	0.00	0.00	10	19	12	14	15	13	17
MIN	0.30	0.00	0.00	0.00	0.00	1.0	4.9	3.5	6.6	12	7.4	4.8
AC-FT	275	1.2	0.00	0.00	0.00	446	640	436	611	835	687	755
CAL YEAR 2009	TOTAL		2269	MEAN	6.2	MAX	19.0	MIN	0.000	AC-FT	4500	
WTR YEAR 2010	TOTAL		2362	MEAN	6.5	MAX	19.0	MIN	0.000	AC-FT	4686	

**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 2010												
	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	167	231	210	103	50
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177	229	210	104	52
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186	230	210	109	63
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189	231	213	106	60
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	192	230	216	95	51
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197	230	216	92	48
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197	231	213	95	44
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199	234	208	109	42
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198	234	207	105	41
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197	239	209	97	38
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200	239	211	93	34
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	239	216	88	34
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	239	185	90	46
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	237	150	97	42
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	226	150	106	40
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	212	151	111	40
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	219	155	119	41
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	220	156	135	38
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	219	150	146	35
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	217	145	141	33
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206	220	146	125	30
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	221	147	110	9.1
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204	222	147	91	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210	220	143	79	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	218	218	139	64	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223	215	131	58	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225	214	119	55	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	9.1	222	214	110	38	0.00
29	0.00	0.00	0.00	0.00	---	0.00	137	222	208	97	32	0.00
30	0.00	0.00	0.00	0.00	---	0.00	155	226	203	88	48	0.00
31	0.00	---	0.00	0.00	---	0.00	---	232	---	95	57	---
TOTAL	0	0	0	0	0	0	301.1	6339	6741	5143	2898	911.1
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	10.0	204.5	224.7	165.9	93.4	30.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	155	232	239	216	146	63
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	167	203	88	32	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	597	12570	13370	10200	5748	1807
CAL YEAR 2009	MAX	230.0	MIN	0.000	AC-FT	45920						
WTR YEAR 2010	MAX	239.0	MIN	0.000	AC-FT	44300						

**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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9140	9250	9100	8920	8730	8580	8520	8980	17870	26820	26570	13030
2	9130	9240	9090	8910	8730	8570	8510	9330	18150	26980	26060	12640
3	9120	9240	9080	8900	8730	8560	8500	9630	18440	27150	25610	12260
4	9110	9240	9070	8900	8730	8560	8490	10000	18820	27340	25140	12000
5	9110	9230	9060	8890	8730	8560	8480	10370	19120	27520	24600	11620
6	9130	9230	9050	8880	8720	8560	8470	10670	19410	27810	24100	11300
7	9130	9230	9040	8870	8720	8570	8500	10940	19730	27940	23710	10920
8	9130	9220	9040	8870	8720	8580	8490	11170	20130	28100	23180	10610
9	9130	9220	9040	8870	8720	8600	8470	11460	20430	28270	22610	10330
10	9130	9210	9040	8860	8700	8620	8450	11740	20750	28400	22040	10050
11	9130	9210	9030	8860	8700	8650	8440	12010	21210	28560	21400	9790
12	9120	9200	9030	8850	8690	8680	8420	12280	21550	28770	20800	9520
13	9130	9190	9020	8850	8690	8680	8410	12550	21910	28940	20230	9410
14	9130	9190	9010	8840	8680	8680	8420	12800	22360	29110	19820	9510
15	9130	9200	9010	8840	8670	8670	8410	13050	22660	29180	19220	9580
16	9130	9200	9000	8840	8660	8670	8390	13320	22910	29250	18710	9690
17	9130	9200	9000	8840	8650	8660	8380	13600	23170	29280	18190	9770
18	9130	9200	8990	8830	8640	8660	8370	13860	23420	29330	17910	9830
19	9130	9190	8990	8830	8640	8660	8350	14120	23660	29350	17700	9900
20	9130	9190	8980	8820	8630	8640	8340	14400	23910	29170	17570	9970
21	9160	9180	8980	8820	8620	8630	8320	14680	24300	28890	17400	10040
22	9190	9180	8970	8820	8620	8620	8320	14910	24550	28770	17150	10080
23	9210	9170	8960	8820	8610	8610	8330	15220	24830	28780	16840	10110
24	9210	9160	8960	8810	8600	8600	8310	15460	25070	28660	16540	10120
25	9200	9150	8960	8810	8600	8590	8300	15750	25330	28570	16170	10120
26	9200	9140	8960	8800	8600	8580	8290	16030	25620	28480	15760	10120
27	9200	9130	8960	8780	8590	8570	8260	16320	25870	28410	15310	10110
28	9200	9120	8950	8770	8590	8560	8270	16600	26100	28210	14850	10100
29	9230	9110	8940	8760	---	8550	8410	16880	26360	27860	14420	10080
30	9260	9110	8930	8750	---	8540	8650	17300	26590	27340	13900	10070
31	9260	---	8920	8740	---	8530	---	17560	---	27000	13480	---
MEAN	9157	9191	9005	8837	8668	8606	8409	13320	22470	28330	19580	10420
MAX	9260	9250	9100	8920	8730	8680	8650	17560	26590	29350	26570	13030
MIN	9110	9110	8920	8740	8590	8530	8260	8980	17870	26820	13480	9410
CAL YEAR 2009	MEAN	13670	MAX	28960	MIN	8730						
WTR YEAR 2010	MEAN	13040	MAX	29350	MIN	8260						

**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 2010												
	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	63	65	289	269
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64	88	307	257
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	94	329	235
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	94	334	234
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	61	94	345	220
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	61	95	341	212
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30	62	92	340	203
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34	62	95	340	190
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38	62	104	349	189
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51	63	104	373	189
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	63	104	392	188
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59	63	105	383	119
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	64	88	367	31
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	64	72	359	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	64	79	358	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	64	99	357	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63	65	108	319	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	64	108	252	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59	64	185	228	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59	64	224	228	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59	63	190	227	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	63	164	226	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	65	152	225	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63	69	152	230	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	65	152	255	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61	58	151	272	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	52	179	277	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63	50	232	275	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	64	50	267	273	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	63	57	278	272	0.00
31	0.00	---	0.00	0.00	---	0.00	---	63	---	285	271	---
TOTAL	0	0	0	0	0	0	0	1479	1851	4299	9393	2536
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	47.7	61.7	138.7	302.9	84.5
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64	69	285	392	269
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	65	225	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2934	3671	8527	18630	5030
CAL YEAR 2009	MAX		347.0	MIN	0.000	AC-FT	41990					
WTR YEAR 2010	MAX		392.0	MIN	0.000	AC-FT	38790					

**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 1,660 cubic feet per second June 16, gage height 6.22 feet; minimum daily discharge 32 cubic feet per second July 1.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	240	290	150	308	367	337	217	247	73	32	308	387
2	210	290	150	309	366	337	224	246	75	138	306	479
3	206	291	151	307	366	342	227	222	76	379	304	557
4	206	290	151	307	365	344	225	210	77	400	303	574
5	207	291	149	308	365	351	227	179	84	411	305	568
6	196	290	149	306	364	352	224	163	86	420	299	566
7	190	289	148	306	364	351	226	170	43	428	299	563
8	192	290	149	308	364	333	214	162	101	406	298	564
9	189	229	156e	310	364	342	207	153	140	369	183	574
10	185	178	219e	310	355	355	210	147	158	360	145	574
11	189	177	271	312	346	351	211	144	320	379	144	575
12	188	176	268	314	346	288	223	143	349	388	144	600
13	170	171	268	319	345	351	260	144	664	533	142	660
14	159	156	278e	324	344	351	293	141	1330	534	143	721
15	157	156	290	342	334	351	307	139	1540	453	145	709
16	154	155	298	356	322	332	335	142	1630	377	217	705
17	154	155	296	357	303	321	320	147	1600	358	295	698
18	155	155	299	360	294	324	330	143	1490	357	312	698
19	161	156	303	362	294	314	329	139	1320	343	317	694
20	158	154	306	365	293	304	329	137	1200	337	329	435
21	188	154	314	369	294	304	323	136	1100	338	330	288
22	235	154	324	372	293	276	324	138	1020	334	330	308
23	277	154	329	372	309	259	326	135	973	335	309	356
24	292	154	334	369	326	258	319	99	920	333	320	390
25	290	153	331	368	332	261	323	77	883	334	365	406
26	291	152	329	370	331	235	332	75	875	331	389	408
27	290	152	315	369	336	212	320	74	434	330	394	407
28	289	152	312	368	338	213	257	74	78	311	394	381
29	293	150	306	368	---	215	232	74	104	307	393	223
30	298	151	305	367	---	209	244	76	37	305	392	37
31	290	---	307	367	---	209	---	73	---	306	387	---
TOTAL	6699	5865	7955	10549	9420	9382	8138	4349	18780	10966	8941	15105
MEAN	216.1	195.6	256.6	340.4	336.3	302.6	271.2	140.3	626.3	353.7	288.4	503.6
MAX	298	291	334	372	367	355	335	247	1630	534	394	721
MIN	154	150	148	306	293	209	207	73	37	32	142	37
AC-FT	13290	11630	15780	20920	18680	18610	16140	8626	37250	21750	17730	29960
CAL YEAR 2009	TOTAL		88006	MEAN	241.1	MAX	352.0	MIN	122.0	AC-FT	174600	
WTR YEAR 2010	TOTAL		116149	MEAN	318.2	MAX	1630	MIN	32.0	AC-FT	230400	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	44	90	119	97
2	---	---	---	---	---	---	0.00	0.00	42	85	115	91
3	---	---	---	---	---	---	0.00	56	44	82	110	88
4	---	---	---	---	---	---	0.00	124	42	68	110	84
5	---	---	---	---	---	---	0.00	68	45	62	111	85
6	---	---	---	---	---	---	0.00	61	45	57	113	88
7	---	---	---	---	---	---	0.00	59	41	57	110	79
8	---	---	---	---	---	---	0.00	53	51	57	111	65
9	---	---	---	---	---	---	0.00	45	45	45	108	65
10	---	---	---	---	---	---	0.00	32	51	42	113	51
11	---	---	---	---	---	---	0.00	33	49	44	112	36
12	---	---	---	---	---	---	0.00	42	77	56	112	35
13	---	---	---	---	---	---	0.00	51	34	50	108	17
14	---	---	---	---	---	---	0.00	48	35	48	108	0.00
15	---	---	---	---	---	---	0.00	47	17	45	107	0.00
16	---	---	---	---	---	---	0.00	49	14	50	108	0.00
17	---	---	---	---	---	---	0.00	49	14	59	110	0.00
18	---	---	---	---	---	---	0.00	41	11	66	109	0.00
19	---	---	---	---	---	---	0.00	35	8.6	73	109	0.00
20	---	---	---	---	---	---	0.00	36	8.2	81	111	0.00
21	---	---	---	---	---	---	0.00	37	8.1	82	107	0.00
22	---	---	---	---	---	---	0.00	37	20	87	107	0.00
23	---	---	---	---	---	---	0.00	36	41	103	106	0.00
24	---	---	---	---	---	---	0.00	47	31	104	105	0.00
25	---	---	---	---	---	---	0.00	55	32	99	110	0.00
26	---	---	---	---	---	---	0.00	52	28	96	110	0.00
27	---	---	---	---	---	---	0.00	57	19	99	107	0.00
28	---	---	---	---	---	---	0.00	58	5.8	102	103	0.00
29	---	---	---	---	---	---	0.00	54	59	110	101	0.00
30	---	---	---	---	---	---	0.00	54	97	117	103	0.00
31	---	---	---	---	---	---	---	50	---	120	103	---
TOTAL	0	0	0	0	0	0	0	1466	1058.7	2336	3376	881
MEAN	0.000	---	---	---	---	---	0.000	47.3	35.3	75.3	109.0	29.4
MAX	0.00	---	---	---	---	---	0.00	124	97	120	119	97
MIN	0.00	---	---	---	---	---	0.00	0.00	5.8	42	101	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2908	2100	4633	6696	1747
CAL YEAR 2009	MAX	122.0	MIN	0.000	AC-FT	20130						
WTR YEAR 2010	MAX	124.0	MIN	0.000	AC-FT	18080						

**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 18,800 cubic feet per second June 12, 2010, gage height 6.85 feet; minimum daily discharge 100 cubic feet per second January 3, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 18,800 cubic feet per second June 12, gage height 6.85 feet; minimum daily discharge 482 cubic feet per second July 2.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1060	1280	978	850e	1220e	1120	1100	1210	1080	542	966	996
2	1020	1280	972	820e	1100e	1060	1120	1190	1040	482	1110	976
3	1010	1310	877	830e	969e	1150	1140	1080	1060	839	1030	1030
4	974	1310	726	880e	1000e	1240	1120	983	1080	1160	1060	1110
5	985	1280	619	930e	1060e	1450	1110	1010	1050	1380	999	1100
6	1050	1190	581	950e	1040e	1430	1100	917	1120	1300	1070	1080
7	1030	1160	633	900e	1020e	1570	1270	984	1100	1160	994	1120
8	1050	1170	580e	800e	1000e	1600	1190	957	2270	1110	1010	1160
9	1020	1120	570e	820e	930e	1960	1180	948	1740	1230	1050	1220
10	1010	970	550e	1000e	940e	2040	1210	891	1860	1110	880	1260
11	971	976	500e	1050e	990e	1850	1250	943	3590	1110	969	1330
12	957	961	680e	1080e	1050e	1480	1250	987	11500	1500	1060	1330
13	951	952	850e	1100e	1100e	1420	1250	976	6500	1310	947	1490
14	976	946	660e	1150e	1020e	1430	1330	958	7270	1440	872	1440
15	934	966	750e	1180e	1100e	1380	1320	924	5800	1300	820	1440
16	930	997	730e	1200e	1150e	1340	1360	941	5290	1090	792	1350
17	912	1010	800e	1220e	1250e	1510	1320	930	5550	962	1030	1330
18	926	1020	952e	1200e	1240e	1690	1320	822	4120	929	1000	1430
19	934	988	1000e	1180e	1150e	1660	1310	891	3120	932	901	1250
20	938	981	1100e	1100e	1150e	1480	1310	963	2200	922	908	1150
21	1060	986	1200e	1080e	1200e	1360	1340	982	2030	982	874	806
22	1140	1000	1150e	1100e	1300e	1200	1330	999	1890	915	841	913
23	1150	1040	1100e	1110e	1230e	1270	1320	971	1860	876	796	1140
24	1130	1050	1000e	1120e	1710	1260	1320	942	1890	884	727	1090
25	1110	1030	950e	1220e	1550	1230	1340	902	1910	1040	802	1100
26	1130	1030	960e	1150e	1520	1200	1380	941	1860	1000	855	1110
27	1150	1030	970e	1120e	1220	1130	1310	910	1660	864	871	1090
28	1140	1020	1000e	1120e	1290	1190	1250	870	824	829	871	1070
29	1180	996	1020e	1120e	---	1170	1220	808	695	798	885	1010
30	1270	1010	959e	1150e	---	1060	1220	983	555	816	945	720
31	1260	---	920e	1160e	---	1060	---	1110	---	887	1070	---
TOTAL	32358	32059	26337	32690	32499	42990	37590	29923	83514	31699	29005	34641
MEAN	1043	1068	849.6	1055	1161	1387	1253	965.4	2783	1022	935.7	1155
MAX	1270	1310	1200	1220	1710	2040	1380	1210	11500	1500	1110	1490
MIN	912	946	500	800	930	1060	1100	808	555	482	727	720
AC-FT	64180	63590	52240	64840	64460	85270	74560	59350	165600	62870	57530	68710
CAL YEAR 2009	TOTAL		354122	MEAN	970.2	MAX	1870	MIN	500.0	AC-FT	702400	
WTR YEAR 2010	TOTAL		445305	MEAN	1220	MAX	11500	MIN	482.0	AC-FT	883200	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	27	58	110	88
2	---	---	---	---	---	---	0.00	0.00	27	44	109	87
3	---	---	---	---	---	---	0.00	19	27	47	105	83
4	---	---	---	---	---	---	0.00	62	27	48	106	79
5	---	---	---	---	---	---	0.00	50	29	45	102	74
6	---	---	---	---	---	---	0.00	30	27	34	102	74
7	---	---	---	---	---	---	0.00	31	28	25	89	72
8	---	---	---	---	---	---	0.00	29	30	25	94	73
9	---	---	---	---	---	---	0.00	29	28	25	94	70
10	---	---	---	---	---	---	0.00	30	31	25	92	66
11	---	---	---	---	---	---	0.00	34	47	26	102	61
12	---	---	---	---	---	---	0.00	31	94	28	109	62
13	---	---	---	---	---	---	0.00	30	40	27	110	35
14	---	---	---	---	---	---	0.00	30	49	25	109	0.00
15	---	---	---	---	---	---	0.00	29	26	21	108	0.00
16	---	---	---	---	---	---	0.00	32	24	24	111	0.00
17	---	---	---	---	---	---	0.00	31	22	27	98	0.00
18	---	---	---	---	---	---	0.00	30	18	28	75	0.00
19	---	---	---	---	---	---	0.00	21	14	44	74	0.00
20	---	---	---	---	---	---	0.00	0.00	---	50	83	0.00
21	---	---	---	---	---	---	0.00	0.00	23	51	91	0.00
22	---	---	---	---	---	---	0.00	0.00	25	60	95	0.00
23	---	---	---	---	---	---	0.00	0.00	27	72	106	0.00
24	---	---	---	---	---	---	0.00	11	24	83	105	0.00
25	---	---	---	---	---	---	0.00	31	26	82	107	0.00
26	---	---	---	---	---	---	0.00	32	25	94	110	0.00
27	---	---	---	---	---	---	0.00	29	23	103	112	0.00
28	---	---	---	---	---	---	0.00	29	22	106	114	0.00
29	---	---	---	---	---	---	0.00	28	51	116	116	0.00
30	---	---	---	---	---	---	0.00	32	70	115	108	0.00
31	---	---	---	---	---	---	---	29	---	111	92	---
TOTAL	0	0	0	0	0	0	0	769	931	1669	3138	924
MEAN	0.000	---	---	---	---	---	0.000	24.8	32.2	53.9	101.2	30.8
MAX	0.00	---	---	---	---	---	0.00	62	94	116	116	88
MIN	0.00	---	---	---	---	---	0.00	0.00	14	21	74	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1525	1847	3310	6224	1833
CAL YEAR 2009	MAX	111.0	MIN	0.000	AC-FT	14790						
WTR YEAR 2010	MAX	116.0	MIN	0.000	AC-FT	14740						

**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 fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,890 cubic feet per second June 12, 2010, gage height 12.97 feet; no flow many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,890 cubic feet per second June 12, gage height 12.97 feet; minimum daily discharge 3.4 cubic feet per second estimated January 8.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.9	28	9.1	6.5e	12	11	12	9.5	17	18	23	18
2	4.9	24	9.1	9.3e	13	11	12	9.8	19	17	20	20
3	4.7	20	7.6e	11e	12	14	13	10.0	19	17	19	18
4	4.2	17	7.5e	8.2e	12	23	13	9.5	32	20	17	17
5	4.0	16	7.3e	6.5e	11	28	13	9.3	34	32	21	12
6	5.0	14	7.1e	6.2e	11	31	13	9.3	25	32	23	11
7	4.3	13	7.0e	4.4e	11	29	16	10	32	24	20	12
8	4.5	12	6.8e	3.4e	10	27	15	9.7	190	21	21	13
9	3.8	12	6.6e	6.3e	9.9	219	15	9.0	131	20	22	10
10	4.0	13	6.3e	7.8e	11	149	15	9.8	1080	19	21	12
11	4.1	11	5.3e	6.8e	11	56	13	13	669	19	20	14
12	4.2	11	5.0e	5.7e	10	34	12	13	2240	75	22	15
13	4.3	11	5.8e	5.8e	10	27	11	14	836	35	21	14
14	6.0	11	6.2e	5.9e	9.1	24	11	14	1450	24	23	12
15	5.9	11	6.7e	5.5e	11	23	11	18	181	23	21	7.9
16	5.4	11	7.0e	5.8e	9.6	21	14	17	45	18	21	6.4
17	5.1	11	8.0e	8.4e	9.4	20	12	17	37	17	26	5.2
18	5.0	11	8.1	9.2e	9.8	19	12	16	30	16	23	4.5
19	5.2	10	8.0	9.5e	9.5	19	11	16	26	15	17	4.5
20	5.3	10	7.9	9.5e	9.2	18	11	16	26	18	15	5.0
21	18	10	7.7	9.5e	9.0	17	11	15	278	19	15	3.9
22	21	10.0	7.5	11e	9.0	17	11	15	85	18	15	3.6
23	31	10	7.3	10e	8.8	16	11	14	102	19	18	6.0
24	26	10	5.5e	9.0e	8.6	16	12	14	37	18	18	6.5
25	22	9.1	6.0e	8.5e	8.9	15	12	14	28	20	20	6.3
26	18	9.3	5.7e	8.0e	9.1	15	11	13	25	21	20	5.4
27	16	9.2	6.9e	7.0e	12	15	9.7	13	23	21	18	5.1
28	15	9.2	7.2e	6.5e	12	14	9.1	12	21	20	15	3.9
29	15	9.2	6.4e	7.5e	---	13	9.2	11	19	21	14	3.9
30	39	9.1	5.3e	8.5e	---	13	9.9	37	17	22	18	3.7
31	30	---	4.1e	10e	---	13	---	17	---	23	16	---
TOTAL	345.8	372.1	212	237.2	288.9	967	360.9	424.9	7754	702	603	279.8
MEAN	11.1	12.4	6.8	7.7	10.3	31.3	12.1	13.7	258.6	22.7	19.4	9.4
MAX	39	28	9.1	11	13	219	16	37	2240	75	26	20
MIN	3.8	9.1	4.1	3.4	8.6	11	9.1	9.0	17	15	14	3.6
AC-FT	686	738	420	470	573	1918	716	843	15380	1392	1196	555
CAL YEAR 2009	TOTAL		5713	MEAN	15.7	MAX	741.0	MIN	3.8	AC-FT	11330	
WTR YEAR 2010	TOTAL		12548	MEAN	34.4	MAX	2240	MIN	3.4	AC-FT	24890	

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 6,950 cubic feet per second on June 14, 2010, gage height 8.47 feet; minimum daily discharge 30 cubic feet per second January 30, 1946.

EXTREMES FOR CURRENT YEAR.--Peak discharge 6,950 cubic feet per second on June 14, gage height 8.47 feet; minimum daily discharge 122 cubic feet per second June 3.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	156	345	186	160e	220e	184	204	244	294	190	208	189
2	159	387	181	150e	212e	189	202	220	218	220e	213	179
3	154	392	170	155e	225e	195	199	210	215	220e	222	169
4	155	386	182	170e	242	211	196	205	236	220e	214	165
5	164	360	190	165e	228	236	195	200	278	219e	205	165
6	178	324	197	165e	214	257	193	190	284	241	206	167
7	172	303	180e	155e	207	413	193	195	341	258	203	166
8	175	288	165e	145e	193	452	195	187	727	222e	195	167
9	173	253	150e	135e	180e	641	198	185	695	222e	192	181
10	176	239	125e	165e	170e	696	196	187	866	287	190	188
11	176	236	140e	195e	205e	714	186	197	978	322	198	180
12	180	225	165e	180e	224	730	185	207	1380	483	195	173
13	180	219	150e	200e	202	832	182	240	1980	655	190	172
14	195	216	140e	215e	193	698	173	198	5250e	566	188	174
15	196	208	165e	245e	210e	619	195	143	3770	534	186	175
16	190	213	175e	260e	230e	595	193	158	2230	457	183	172
17	186	213	190e	255e	270e	514	183	182	1230e	367	195	169
18	185	208	205e	260e	255e	393	164	185	902e	391	198	177
19	187	224	200e	240e	230e	385	173	173	703e	438	192	176
20	184	197	215e	225e	213	323	176	170	518e	361	190	182
21	200	196	210e	215e	197	336	198	178	375e	300	185	181
22	253	196	210e	210	191	310	263	172	281	272	179	180
23	295	197	195e	208	187	299	256	167	279	262	173	203
24	290	195	180e	206	184	305	270	157	240	256	179	220
25	277	194	160e	214	182	290	272	171	200	248	174	208
26	264	192	155e	230e	175	250	289	165	188	243	169	204
27	250	192	165e	220e	179	240	361	154	177	237	165	197
28	236	191	170e	195e	184	236	357	142	172	231	161	193
29	241	189	175e	210e	---	236	296	139	193	224	161	191
30	291	187	170e	220e	---	209	279	259	202	217	161	189
31	328	---	175e	230e	---	203	---	448	---	213	174	---
TOTAL	6446	7365	5436	6198	5802	12191	6622	6028	25402	9576	5844	5452
MEAN	207.8	245.5	175.3	199.9	207.2	393.3	220.8	194.5	846.9	309.0	188.5	181.7
MAX	328	392	215	260	270	832	361	448	5250	655	222	220
MIN	154	187	125	135	170	184	164	139	172	190	161	165
AC-FT	12790	14610	10780	12290	11510	24180	13130	11960	50380	18990	11590	10810
CAL YEAR 2009	TOTAL		70419	MEAN	192.9	MAX	392.0	MIN	107.0	AC-FT	139700	
WTR YEAR 2010	TOTAL		102362	MEAN	280.4	MAX	5250	MIN	125.0	AC-FT	203000	

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 6,380 cubic feet per second June 15, gage height 9.35 feet; minimum daily discharge 154 cubic feet per second August 29.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	191	552	289	210e	311e	356e	353	398	596	470	227	160
2	196	566	281	182e	326e	387e	364	356	494	399	235	205
3	209	547	272	198e	341e	435e	365	335	353	368	261	196
4	205	466	255	215e	354e	466e	347	328	330	342	253	196
5	216	462	226	238e	337e	473e	347	312	363	372	252	190
6	258	461	262	237e	339e	610e	348	303	492	416	239	193
7	256	485	249e	215e	358e	732e	336	307	479	439	236	191
8	259	421	245e	202e	312e	989e	323	302	1340	433	219	209
9	250	439	221e	173e	288e	1350e	315	310	1040	362	229	215
10	252	373	181e	195e	261e	1490	316	321	1980	353	243	222
11	239	351	197e	234e	279e	950	304	344	2750	612	233	220
12	234	332	225e	224e	271e	781	311	364	3250	652	198	190
13	260	333	257e	256e	293e	845	307	356	2670	652	230	189
14	274	309	218e	281e	266e	808	298	377	4900	805	220	222
15	264	320	213e	308e	275e	697	303	326	5640	712	202	223
16	264	299	223e	326e	319e	618	315	290	3960	708	197	225
17	261	307	252e	366e	357e	558	324	238	2630	667	257	222
18	252	297	280e	329e	398e	508	306	279	1930	562	248	243
19	254	298	259e	304e	374e	432	278	278	1640	545	241	244
20	265	309	245e	312e	359e	426	291	279	1550	664	240	236
21	278	300	253e	327e	332e	404	297	277	3320	597	221	255
22	353	277	264e	357e	282e	423	299	279	1950	508	204	244
23	411	291	263e	385e	274e	436	401	270	1360	541	184	261
24	402	300	245e	340e	289e	451	440	272	834	550	200	261
25	405	289	205e	322e	300e	447	456	287	764	390	186	294
26	417	286	218e	311e	331e	441	413	284	747	349	187	276
27	408	277	223e	332e	283e	410	372	284	627	324	167	255
28	385	296	230e	314e	292e	379	455	269	517	285	184	258
29	390	283	213e	286e	---	378	473	254	494	268	154	251
30	427	285	236e	305e	---	394	431	361	463	257	161	249
31	476	---	225e	296e	---	365	---	608	---	245	174	---
TOTAL	9211	10811	7425	8580	8801	18439	10488	9848	49463	14847	6682	6795
MEAN	297.1	360.4	239.5	276.8	314.2	595.0	349.6	317.6	1648	478.9	215.6	226.5
MAX	476	566	289	385	398	1490	473	608	5640	805	261	294
MIN	191	277	181	173	261	356	278	238	330	245	154	160
AC-FT	18270	21440	14730	17020	17460	36570	20800	19530	98110	29450	13250	13480
CAL YEAR 2009	TOTAL		103755	MEAN	284.3	MAX	1290	MIN	134.0	AC-FT	205800	
WTR YEAR 2010	TOTAL		161390	MEAN	442.2	MAX	5640	MIN	154.0	AC-FT	320100	

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 5,550 cubic feet per second May 30, gage height 13.20 feet; maximum gage height 13.94 feet June 14 due to backwater from high water in the Platte River; minimum daily discharge 32 cubic feet per second December 7.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2400	2880	1920	2610	2090	1810	2330	2610	3360	2460	1770	1660
2	2330	2830	2890	1510	2100	1930	3010	2650	2850	2480	2030	1650
3	2300	2800	879	1390	2070	1700	2660	2600	2770	2120	2010	1500
4	2080	2740	103	2350	2080	1830	2660	2160	2670	2290	2150	1580
5	2390	3110	58	2480	2090	1950	2320	2050	2950	2380	1950	1710
6	2140	3030	36	2470	1980	1960	2450	1420	2730	2960	2190	1550
7	2170	2830	32	1130	2000	1920	2730	2200	2540	2800	2040	1410
8	2180	2840	177	2350	1820	2020	2810	2160	2880	2810	2410	1580
9	2350	2590	54	2080	2070	1890	2800	1820	2850	2790	2350	1840
10	2510	2430	96	2420	1950	2270	2840	2480	2740e	2710	2200	1580
11	2380	2740	358	2520	1870	2400	2350	1970	2610e	2770	2070	1640
12	2500	2800	733	2440	1890	2230	2780	2710	2570e	2870	2060	1830
13	2580	3080	1050	2560	1900	2030	2390	2140	2560e	2800	2050	1980
14	2670	2790	1690	2600	1670e	2110	2480	2280	2790e	2920	2200	1630
15	2810	2720	1770	2460	1740e	2900	2690	2080	2860e	2620	2120	1620
16	2570	2800	2140	2510	1970e	2930	2360	2200	2900e	2490	2110	1660
17	2380	2930	1930	2510	2030e	2710	2710	2060	2880e	2470	2100	1640
18	2510	2790	2070	2440	2010	2390	2400	2210	2760	2390	2570	1650
19	2040	2610	2380	2390	1960	1880	2580	2220	2680	2500	2780	1660
20	2320	2950	2270	2370	1980	2400	2210	2240	2730	2280	2360	1700
21	2450	2550	2420	2260	1950	2260	2420	1880	2840e	2550	2560	1620
22	2690	2890	2300	2270	1860e	2070	2280	3190	2880e	2410	2720	2050
23	2710	2680	2210	2210	2010e	3220	2680	2340	2870e	2490	1930	2050
24	2820	2840	2160	2140e	1950e	3180	2650	1930	2800e	2220	1670	2120
25	2770	2850	1160	2160e	1980e	3060	2720	1990	2680e	2170	1780	2260
26	2560	2720	462	2130e	2020	2560	2790	2120	2560e	2590	1730	2280
27	2910	2630	1820	2050e	1790	3270	2640	2170	2400e	2320	1620	2270
28	2820	2820	2230	2100e	1600	2980	2660	2480	2250e	2270	1390	2660
29	2630	2420	2000	2140e		2900	2650	1850	2030	1910	1560	2150
30	3020	2670	2240	2130		2950	2660	2230	1930	1610	1690	2180
31	2950	---	2290	2090	---	2150	---	2590	---	1970	1690	---
TOTAL	77940	83360	43928	69270	54430	73860	77710	69030	80920	76420	63860	54710
MEAN	2514	2778	1417	2236	1945	2382	2590	2227	2697	2465	2060	1823
MAX	3020	3110	2890	2610	2100	3270	3010	3190	3360	2960	2780	2660
MIN	2040	2420	32	1130	1600	1700	2210	1420	1930	1610	1390	1410
AC-FT	154600	165300	87130	137400	108000	146500	154100	136900	160500	151600	126700	108500
CAL YEAR 2009	TOTAL		724693	MEAN	1985	MAX	3110	MIN	32.0	AC-FT	1437000	
WTR YEAR 2010	TOTAL		825438	MEAN	2261	MAX	3360	MIN	32.0	AC-FT	1637000	

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 2,690 cubic feet per second June 14, gage height 9.30 feet; minimum daily discharge 28 cubic feet per second estimated February 10.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	83	340	84	72e	61e	55e	102	139	222	140	70	59
2	83	282	82e	73e	58e	55e	100	126	159	129	70	63
3	86	250	76e	76e	58e	54e	97	118	128	121	100	64
4	87	225	70e	83e	58e	83	96	112	113	117	87	61
5	91	197	68e	78e	58e	188	96	106	108	140	79	59
6	103	182	60e	80e	62e	306	94	103	120	143	75	58
7	107	171	60e	77e	70e	369	93	102	118	125	72	59
8	102	161	60e	46e	63e	406	95	103	1040	117	68	59
9	106	148	61e	50e	35e	552	95	102	665	112	70	59
10	104	138	35e	59e	28e	664	95	99	1320	108	71	61
11	108	134	50e	78e	59e	646	94	117	1250	164	69	60
12	110	132	65e	102e	71e	582	95	117	847	185	66	57
13	111	126	67e	114e	63e	498	95	116	1240	198	63	57
14	120	123	67e	110e	53e	454	92	109	2320	160	62	57
15	128	119	68e	112e	33e	415	94	100	1860	142	63	58
16	126	113	71e	119e	45e	373	114	94	1360	131	61	56
17	122	108	73e	119e	61e	323	109	91	929	120	66	56
18	122	105	71e	113e	65e	287	101	90	858	122	67	60
19	120	103	68e	130e	60e	263	98	87	561	103	65	63
20	119	101	68e	129e	61e	243	97	85	444	98	64	63
21	126	100	65e	116e	65e	203	129	85	529	95	63	60
22	207	99	56e	112e	66e	189	173	86	440	94	61	59
23	288	95	49e	107e	64e	180	174	82	368	99	59	62
24	312	95	48e	99e	60e	165	303	82	396	90	63	71
25	298	94	49e	93e	54e	149	316	82	323	85	63	66
26	253	91	46e	61e	49e	138	277	86	248	83	61	62
27	213	89	55e	61e	55e	126	197	78	200	81	58	61
28	188	88	78e	75e	58e	119	173	75	191	75	57	59
29	182	86	70e	73e	---	117	154	72	172	72	56	57
30	251	86	66e	70e	---	113	146	224	154	73	55	56
31	360	---	73e	67e	---	107	---	341	---	72	59	---
TOTAL	4816	4181	1979	2754	1593	8422	3994	3409	18683	3594	2063	1802
MEAN	155.4	139.4	63.8	88.9	56.9	271.7	133.2	110.0	622.4	116.0	66.5	60.1
MAX	360	340	84	130	71	664	316	341	2320	198	100	71
MIN	83	86	35	46	28	54	92	72	108	72	55	56
AC-FT	9552	8293	3925	5462	3160	16700	7922	6762	37060	7129	4092	3574
CAL YEAR 2009	TOTAL		37585	MEAN	103.0	MAX	440.0	MIN	35.0	AC-FT	74550	
WTR YEAR 2010	TOTAL		57290	MEAN	157.0	MAX	2320	MIN	28.0	AC-FT	113600	

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, datum of 1929.

PERIOD OF RECORD.--Oct. 1894 - Sep. 1915 (Published as "near Columbus" 1900 - 1901), March - Sep. 1931, Oct. 1933 - Sep. 30, 1975, 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, 1975. 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 30,500 cubic feet per second June 15, gage height 10.25 feet; minimum daily discharge 238 cubic feet per second estimated December 12.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	292	2070	483	1260e	1250e	1600e	842	438	937	683	416	348
2	277	1270	602	959e	1240e	1720e	934	461	1070	438	405	501
3	324	1270	364	1550e	1380e	1820e	894	450	791	381	365	602
4	387	1400	2370	1710e	1300e	2050e	1130	390	478	357	403	538
5	340	1040	3360	897e	1410e	2240e	1020	351	702	409	456	532
6	282	994	3070	1110e	1520e	2730e	1060	326	835	810	474	636
7	347	909	2830	1250e	1390e	3260e	797	380	694	1150	494	630
8	762	676	2440	2030e	1390e	3750e	896	451	1540	1040	592	628
9	463	644	1900	1100e	1450e	4510e	1490	431	6510	1020	684	602
10	381	684	637e	1170e	1060e	6650e	862	454	4950	604	560	670
11	487	829	568e	823e	1090e	9990e	705	413	12000	896	459	733
12	441	359	238e	908e	1010e	11800e	696	384	17200	1140	377	659
13	400	317	481e	1080e	1330e	7190	581	390	25800	2060	318	584
14	380	325	616e	1250e	1330e	5450	508	404	27000	4540	296	623
15	558	532	535e	996e	1800e	4300	505	326	29500	2330	305	733
16	504	395	722e	975e	1400e	3200	604	313	22300	2430	312	861
17	408	317	708e	1270e	1190e	3440	1050	299	12700	1870	294	752
18	299	395	1250e	1730e	1220e	3670	684	291	8270	1320	323	831
19	314	370	1130e	1530e	1470e	3300	468	414	5330	1260	826	957
20	300	390	1180e	1400e	1380e	3390	440	348	4360	1050	743	1150
21	387	381	1060e	1530e	1230e	2890	456	339	6500	1000	621	1030
22	906	334	1150e	1570e	1190e	2400	375	329	9000	1080	516	806
23	1940	300	1210e	1570e	1160e	1650	477	320	11200	1050	539	477
24	1500	753	1100e	1570e	1080e	1170	756	293	3990	1120	853	389
25	950	391	1220e	1690e	1050e	1560	787	283	2070	1750	704	564
26	803	364	2520e	1430e	943e	1510	1060	306	1660	1070	561	616
27	674	357	2380e	1320e	1260e	1280	1240	290	2360	806	523	558
28	542	387	1830e	1380e	1640e	1190	1250	329	1870	695	606	502
29	418	378	1540e	1330e	---	1220	706	285	1270	603	452	414
30	693	356	1430e	1150e	---	1040	564	297	1120	511	380	347
31	2150	---	1160e	1190e	---	888	---	300	---	439	346	---
TOTAL	18909	19187	42084	40728	36163	102858	23837	11085	224007	35912	15203	19273
MEAN	609.8	639.6	1357	1313	1291	3317	794.3	357.6	7465	1159	490.4	642.3
MAX	2150	2070	3360	2030	1800	11800	1490	461	29500	4540	853	1150
MIN	277	300	238	823	943	888	375	283	478	357	294	347
AC-FT	37510	38060	83470	80780	71730	204000	47280	21990	444300	71230	30150	38230

CAL YEAR 2009 TOTAL 354048 MEAN 970.0 MAX 4600 MIN 174.0 AC-FT 702200
WTR YEAR 2010 TOTAL 589246 MEAN 1614 MAX 29500 MIN 238.0 AC-FT 1169000

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 6,790 cubic feet per second June 14, 2010, gage height 10.27 feet; minimum daily discharge 0.15 cubic feet per second August 31, 2000.

EXTREMES FOR CURRENT YEAR.--Peak discharge 6,790 cubic feet per second June 14, gage height 10.27 feet; minimum daily discharge 18 cubic feet per second estimated January 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	241	64	24e	28e	87	162	243	313	215	78	36
2	20	326	60	28e	22e	82	148	207	389	185	72	36
3	20	320	38e	35e	33e	77	134	178	510	165	70	34
4	20	280	36e	42e	51e	88	123	155	543	268	66	34
5	26	245	41e	42e	42e	184	114	134	516	356	63	34
6	28	218	43e	37e	53e	420	108	119	472	362	61	33
7	28	191	42e	37e	49e	721	106	112	420	346	58	32
8	28	168	34e	25e	42e	1130	103	104	396	298	65	32
9	27	148	32e	18e	33e	1510	100	98	397	257	65	34
10	26	135	38e	24e	29e	1650	95	94	850	217	66	35
11	25	126	43e	31e	32e	1370	91	94	2260	198	67	34
12	26	120	61e	25e	42e	991	88	95	4440	314	65	34
13	27	112	57e	33e	32e	966	84	96	5980	333	61	34
14	28	102	44e	28e	29e	1100	89	97	6480	306	57	34
15	29	96	36e	22e	37e	1020	107	94	5530	259	52	36
16	30	91	51e	37e	45e	900	107	89	4380	209	50	36
17	30	87	56e	26e	44e	796	95	86	3330	176	51	35
18	31	85	62e	31e	47e	714	87	82	2350	155	50	34
19	31	82	59e	29e	40e	641	82	77	1570	151	49	32
20	31	80	49e	32e	36e	538	80	72	1170	147	56	35
21	33	78	61e	38e	41e	471	83	70	916	137	55	42
22	36	77	57e	46e	50e	454	94	67	751	130	51	48
23	42	75	51e	45e	40e	408	109	63	675	126	47	72
24	47	73	40e	37e	33e	366	151	70	605	125	44	68
25	51	71	33e	39e	57e	327	273	69	510	115	42	60
26	54	68	42e	29e	93e	296	355	70	408	108	40	56
27	54	69	48e	30e	109	265	376	67	356	101	42	54
28	53	68	38e	33e	95	233	350	62	324	92	33	50
29	56	67	43e	39e	---	213	317	57	295	86	33	49
30	79	67	37e	27e	---	196	281	123	251	86	34	46
31	131	---	29e	35e	---	178	---	234	---	84	35	---
TOTAL	1169	3966	1425	1004	1284	18392	4492	3278	47387	6107	1678	1229
MEAN	37.8	132.2	46.0	32.4	45.9	593.1	149.6	105.7	1579	197.1	54.1	41.0
MAX	131	326	64	46	109	1650	376	243	6480	362	78	72
MIN	20	67	29	18	22	77	80	57	251	84	33	32
AC-FT	2319	7866	2826	1991	2547	36480	8910	6502	93990	12110	3328	2438
CAL YEAR 2009	TOTAL		25611	MEAN	70.2	MAX	535.0	MIN	16.0	AC-FT	50800	
WTR YEAR 2010	TOTAL		91411	MEAN	250.4	MAX	6480	MIN	18.0	AC-FT	181300	

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 fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 6,230 cubic feet per second June 14, 2010, gage height 7.77 feet; minimum daily discharge 11 cubic feet per second January 15, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 6,230 cubic feet per second on June 14, gage height 7.77 feet; minimum daily discharge 40 cubic feet per second August 29.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	53	278	75	49e	58e	65e	153	120	169	153	72	45
2	54	351	75	45e	51e	68e	135	104	158	143	74	47
3	54	332	74	48e	63e	76e	114	94	155	133	69	45
4	54	233	75e	51e	64e	83e	97	86	137	138	66	45
5	61	179	79e	55e	70e	84e	85	78	122	138	63	45
6	63	153	76e	52e	75e	93e	83	74	109	139	62	45
7	62	135	80e	51e	71e	244e	84	72	114	141	59	45
8	64	127	77e	47e	63e	634e	83	70	135	138	60	48
9	64	116	70e	41e	51e	1270e	82	74	180	130	65	48
10	63	110	66e	47e	51e	1790e	81	77	326	123	58	46
11	63	114	72e	50e	63e	2260e	80	78	705	121	56	45
12	64	113	78e	51e	65e	2380e	79	80	2130	191	55	44
13	64	103	75e	65e	59e	2340e	79	81	5790	146	53	44
14	66	93	73e	64e	46e	2170e	78	80	6150	151	52	44
15	67	90	70e	67e	51e	1930	75	80	5830	142	50	44
16	68	92	72e	88e	62e	1650	74	75	3200	128	52	43
17	70	92	84e	100e	65e	1330	76	71	1390	119	52	43
18	70	88	83e	91e	66e	1130	81	67	959	110	51	43
19	70	88	80e	91e	65e	883	77	65	622	111	49	44
20	71	85	81e	96e	67e	745	80	63	426	124	49	43
21	91	84	82e	91e	68e	661	85	61	316	160	47	41
22	100	84	70e	97e	66e	607	103	59	273	139	46	42
23	121	84	69e	87e	64e	527	118	58	290	116	45	60
24	142	80	59e	74e	61e	433	141	57	248	109	45	52
25	144	75	59e	65e	63e	370	200	58	223	105	44	50
26	141	78	62e	66e	66e	319	244	55	208	100	42	49
27	131	79	61e	56e	68e	274	217	53	193	94	41	48
28	122	80	62e	51e	62e	226	183	53	183	87	41	47
29	128	78	60e	50e	---	199	150	52	171	83	40	46
30	139	78	59e	55e	---	183	134	107	162	79	43	45
31	204	---	53e	62e	---	169	---	111	---	76	46	---
TOTAL	2728	3772	2211	2003	1744	25193	3351	2313	31074	3867	1647	1376
MEAN	88.0	125.7	71.3	64.6	62.3	813.0	111.7	74.7	1036	124.8	53.2	45.8
MAX	204	351	84	100	75	2380	244	120	6150	191	74	60
MIN	53	75	53	41	46	65	74	52	109	76	40	41
AC-FT	5411	7482	4385	3973	3459	49970	6647	4588	61630	7670	3267	2729
CAL YEAR 2009 TOTAL			28932	MEAN	79.3	MAX	351.0	MIN	37.0	AC-FT	57390	
WTR YEAR 2010 TOTAL			81279	MEAN	222.7	MAX	6150	MIN	40.0	AC-FT	161200	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER at Neligh, 06798500

LOCATION.--NWL/4SWL/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 fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 42,500 cubic feet per second June 14, 2010, gage height 15.54 feet; minimum daily discharge 12 cubic feet per second July 1, 1932.

EXTREMES FOR CURRENT YEAR.--Peak discharge 42,500 cubic feet per second June 14, gage height 15.54 feet; minimum daily discharge 121 cubic feet per second estimated January 8.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	171	956	361	153e	258e	288e	554	777	1010	1270	319	195
2	173	1060	329e	132e	251e	311e	554	719	1100	1240	389	230
3	175	1070	232e	139e	259e	336e	491	650	1120	1150	424	205
4	179	991	182e	137e	274e	350e	431	570	1170	1120	390	159
5	201	841	178e	141e	276e	414e	445	507	1240	1170	367	154
6	223	677	175e	136e	278e	498e	447	456	1220	1360	351	160
7	217	610	163e	131e	284e	755e	425	433	1320	1420	327	162
8	231	570	153e	121e	261e	1290e	430	396	1480	1320	314	164
9	225	557	148e	125e	253e	2560e	424	379	1810	1190	343	207
10	220	515	150e	148e	247e	4310e	409	361	2600	1100	361	192
11	213	472	150e	186e	248e	5290e	392	377	4290	1040	349	184
12	205	495	157e	217e	259e	5320e	368	383	6570	1550	312	172
13	210	507	156e	238e	271e	4980e	355	400	10300	1420	292	162
14	219	475	153e	259e	271e	4580e	354	392	29300	1370	268	153
15	219	443	151e	279e	268e	4200e	368	388	37100	1240	249	156
16	216	440	173e	286e	270e	3950	378	380	26600	1060	262	151
17	220	422	179e	289e	273e	3340	384	362	18100	956	330	147
18	219	532	183e	293e	272e	2740	384	343	11700	840	287	168
19	226	573	171e	287e	272e	2390	379	333	7980	750	262	176
20	229	421	176e	286e	268e	2020	376	326	5480	707	246	178
21	279	466	179e	294e	266e	1630	389	317	4020	668	241	174
22	403	473	185e	303e	257e	1430	409	306	3220	642	221	165
23	470	449	182e	314e	257e	1340	500	297	3220	623	214	262
24	531	431	183e	310e	249e	1210	779	285	2690	570	215	340
25	578	393	182e	305e	263e	1050	1290	291	2130	539	204	323
26	569	380	192e	302e	271e	931	1250	306	1830	503	193	305
27	509	374	186e	298e	277e	831	1020	307	1670	456	174	269
28	451	375	186e	289e	275e	717	930	299	1460	418	160	248
29	453	367	186e	281e	---	652	878	291	1230	381	146	230
30	611	364	179e	273e	---	604	836	638	1150	354	142	219
31	899	---	172e	268e	---	570	---	1040	---	337	181	---
TOTAL	9944	16699	5732	7220	7428	60887	16629	13309	194110	28764	8533	6010
MEAN	320.7	556.7	184.9	232.9	265.3	1964	554.4	429.2	6471	928.0	275.3	200.3
MAX	899	1070	361	314	284	5320	1290	1040	37100	1550	424	340
MIN	171	364	148	121	247	288	354	285	1010	337	142	147
AC-FT	19720	33120	11370	14320	14730	120800	32980	26400	385000	57050	16920	11920
CAL YEAR 2009	TOTAL		136321	MEAN	373.5	MAX	1360	MIN	115.0	AC-FT	270400	
WTR YEAR 2010	TOTAL		375265	MEAN	1028	MAX	37100	MIN	121.0	AC-FT	744300	

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 fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 30,700 cubic feet per second June 14, from a high water mark at gage height 16.14 feet; minimum daily discharge 187 cubic feet per second estimated January 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	212	1080	391	230e	400e	455e	604	1340	1070	1590	640	294
2	207	1120	389	215e	414e	471e	574	1120	1130	1450	825	312
3	210	1160	434	201e	457e	599e	542	979	1180	1350	765	313
4	213	1060	392	215e	457e	636e	521	853	1210	1290	711	289
5	232	879	294	201e	457e	784e	508	750	1250	1290	670	262
6	263	797	329e	215e	428e	1240e	517	685	1300	1330	637	257
7	266	758	307e	215e	428e	1790	495	614	1400	1320	602	251
8	272	663	286e	201e	428e	2420	477	582	1720	1270	585	248
9	271	590	272e	187e	428e	3810	467	551	2110	1200	575	268
10	262	531	278e	258e	400e	5770	461	542	2580	1140	582	296
11	260	496	286e	286e	400e	7430	443	565	4000	1100	556	278
12	261	483	300e	272e	371e	7590	444	553	6420	1160	535	265
13	266	479	357e	329e	400e	5540	426	556	7500	1190	511	255
14	282	481	329e	354e	386e	4570	401	562	20800e	1140	491	257
15	295	467	357e	343e	400e	4010	438	553	27400e	1080	468	261
16	298	454	357e	331e	400e	3820	453	540	22200e	1030	464	258
17	300	448	371e	329e	386e	3230	456	520	16000e	984	457	256
18	301	439	400e	340e	400e	2450	463	490	12500e	959	456	251
19	300	436	414e	343e	443e	2070	459	455	9930e	935	439	270
20	298	429	428e	326e	457e	1830	451	422	7860e	911	433	278
21	341	419	400e	329e	443e	1510	469	411	6290e	891	414	272
22	443	418	414e	357e	457e	1220	507	409	5230e	879	400	268
23	545	429	414e	343e	457e	1080	567	379	4550e	852	394	312
24	571	423	400e	457e	400e	1010	861	364	3940e	827	384	425
25	579	409	357e	471e	443e	888	1790	354	3310e	807	371	411
26	576	397	343e	443e	457e	782	1840	357	2770e	787	357	397
27	538	394	329e	428e	457e	712	1700	377	2390e	766	344	372
28	496	398	286e	400e	485e	605	1630	376	2150e	743	331	354
29	490	395	315e	386e	---	566	1620	355	2050e	723	316	336
30	584	390	272e	428e	---	601	1580	533	1790	700	310	317
31	989	---	244e	414e	---	630	---	1070	---	670	298	---
TOTAL	11421	17322	10745	9847	11939	70119	22164	18217	184030	32364	15321	8883
MEAN	368.4	577.4	346.7	317.7	426.3	2262	739.2	587.4	6135	1044	494.2	296.1
MAX	989	1160	434	471	485	7590	1840	1340	27400	1590	825	425
MIN	207	390	244	187	371	455	401	354	1070	670	298	248
AC-FT	22650	34360	21310	19530	23680	139100	43960	36130	365000	64190	30390	17620
CAL YEAR 2009	TOTAL		179938	MEAN	493.0	MAX	1670	MIN	162.0	AC-FT	356900	
WTR YEAR 2010	TOTAL		412372	MEAN	1130	MAX	27400	MIN	187.0	AC-FT	817900	

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 515 cubic feet per second June 14, gage height 8.85 feet; minimum daily discharge 8.6 cubic feet per second estimated January 7 & 31.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	64	17	12e	9.1e	12e	30	29	48	18	14	13
2	11	60	16	11e	10e	13e	27	24	42	17	154	16
3	11	46	16	9.6e	9.6e	14e	24	21	36	16	173	15
4	11	35	16e	12e	9.6e	17e	21	19	31	18	93	14
5	12	30	17e	9.1e	9.1e	26e	20	18	28	19	92	13
6	14	27	17e	9.6e	11e	35e	23	17	24	21	88	13
7	13	24	16e	8.6e	12e	145e	25	18	23	20	60	13
8	14	23	14e	11e	17e	255	23	17	26	19	40	12
9	14	22	15e	9.1e	17e	388	20	17	25	19	37	13
10	13	21	15e	9.6e	14e	408	18	17	79	18	30	13
11	13	21	17e	11e	13e	341	17	23	222	24	27	12
12	13	20	16e	12e	11e	272	17	23	342	29	24	12
13	13	20	16e	12e	11e	230	16	25	472	49	21	12
14	14	20	13e	11e	9.6e	245	16	24	496	47	19	12
15	15	19	13e	11e	11e	256	27	23	447	45	18	12
16	14	19	13e	12e	12e	205	38	22	398	44	19	13
17	14	18	16e	12e	12e	150	32	21	335	37	22	12
18	14	18	18e	12e	13e	108	26	19	265	29	19	15
19	14	18	18e	14e	15e	90	22	18	195	25	18	19
20	14	18	18e	15e	17e	77	20	18	126	23	17	20
21	18	18	16e	15e	16e	67	19	18	75	21	16	18
22	28	18	16e	14e	16e	70	18	17	61	28	16	17
23	45	18	15e	13e	15e	67	20	16	58	27	15	20
24	48	18	15e	13e	13e	60	39	16	50	24	15	21
25	59	17	14e	13e	12e	50	59	17	37	22	15	22
26	55	17	13e	13e	12e	43	44	16	31	20	15	21
27	42	17	13e	13e	11e	39	42	15	27	18	15	20
28	33	17	12e	12e	11e	36	37	15	24	17	14	19
29	32	17	12e	11e	---	34	33	14	22	16	13	18
30	50	17	12e	9.6e	---	33	32	24	20	16	13	16
31	56	---	12e	8.6e	---	31	---	37	---	15	12	---
TOTAL	729	717	467	358.8	349	3817	805	618	4065	761	1144	466
MEAN	23.5	23.9	15.0	11.5	12.4	123.0	26.9	19.9	135.4	24.6	36.9	15.5
MAX	59	64	18	15	17	408	59	37	496	49	173	22
MIN	11	17	12	8.6	9.1	12	16	14	20	15	12	12
AC-FT	1446	1422	926	712	692	7571	1597	1226	8063	1509	2269	924
CAL YEAR 2009	TOTAL		8537	MEAN	23.4	MAX	160.0	MIN	5.2	AC-FT	16930	
WTR YEAR 2010	TOTAL		14297	MEAN	39.2	MAX	496.0	MIN	8.6	AC-FT	28360	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6863	7556	6660	7006	7212	7136	7522	7547	7315	7383	7094	6967
2	6854	7579	6685	7029	7213	7135	7483	7500	7347	7337	8349	6996
3	6854	7563	6696	7044	7199	7141	7445	7446	7356	7299	8497	6974
4	6860	7524	6707	7052	7220	7155	7406	7408	7357	7291	8381	6974
5	6888	7485	6733	7052	7219	7183	7382	7364	7358	7359	8241	6967
6	6851	7454	6766	7067	7218	7242	7382	7327	7336	7389	8136	6989
7	6757	7416	6778	7060	7225	7323	7373	7313	7324	7358	8015	6960
8	6744	7385	6836	7068	7224	7519	7357	7276	7350	7335	7958	6960
9	6758	7355	6822	7054	7215	8011	7342	7255	7338	7297	7847	6967
10	6773	7332	6823	7047	7207	8457	7326	7294	7648	7304	7752	6974
11	6780	7309	6823	7047	7198	8684	7302	7310	8502	7524	7650	6974
12	6794	7294	6845	7040	7197	8736	7294	7334	9428	7765	7580	6982
13	6815	7279	6875	7048	7211	8729	7278	7342	9717	7764	7502	6974
14	6837	7264	6897	7049	7203	8713	7263	7336	10250	7740	7425	6974
15	6858	7249	6919	7050	7187	8715	7292	7329	10060	7686	7364	6996
16	6873	7234	6934	7058	7156	8649	7321	7323	9736	7646	7348	6996
17	6894	7219	6949	7066	7140	8558	7321	7316	9419	7600	7325	6996
18	6901	7212	6972	7082	7124	8427	7313	7294	9168	7545	7302	7182
19	6908	7204	6987	7090	7116	8314	7304	7272	8913	7499	7271	7212
20	6930	7197	7002	7109	7122	8193	7289	7265	8679	7445	7271	7219
21	7003	7197	7017	7122	7136	8089	7288	7258	8440	7391	7240	7234
22	7091	7182	7032	7123	7143	8018	7272	7243	8254	7437	7210	7234
23	7225	7141	7207	7154	7142	7947	7279	7229	8094	7413	7194	7302
24	7300	7064	7092	7193	7141	7892	7769	7191	7968	7383	7164	7294
25	7367	6958	7077	7187	7140	7837	7910	7222	7856	7352	7126	7294
26	7413	6846	7070	7188	7139	7767	7854	7215	7762	7314	7103	7287
27	7420	6735	7049	7190	7138	7721	7791	7185	7668	7276	7073	7279
28	7412	6675	7034	7191	7129	7675	7712	7171	7582	7230	7028	7272
29	7450	6644	7027	7200	---	7628	7664	7141	7513	7185	6998	7257
30	7510	6638	7020	7201	---	7583	7617	7239	7451	7162	6983	7249
31	7541	---	7013	7203	---	7545	---	7276	---	7124	6975	---
MEAN	7017	7206	6914	7099	7176	7927	7438	7297	8206	7414	7497	7098
MAX	7541	7579	7207	7203	7225	8736	7910	7547	10250	7765	8497	7302
MIN	6744	6638	6660	7006	7116	7135	7263	7141	7315	7124	6975	6960
CAL YEAR 2009	MEAN	7109	MAX	7823	MIN	5748						
WTR YEAR 2010	MEAN	7358	MAX	10250	MIN	6638						

**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 760 cubic feet per second June 14, 2010, gage height 8.06 feet; minimum daily discharge 0.33 cubic feet per second August 12, 2009.

EXTREMES FOR CURRENT YEAR.--Peak discharge 760 cubic feet per second June 14, gage height 8.06 feet; minimum daily discharge 3.4 cubic feet per second, October 10.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.7	61	5.8	13	24	20	58	67	37	49	20	10
2	6.9	63	5.9	13	24	20	56	59	39	43	102	12
3	4.6	63	6.2	15	23	20	51	54	40	39	222	12
4	4.5	60	6.2	15	24	21	45	49	41	38	221	11
5	12	56	6.2	16	25	23	41	45	41	38	190	10
6	39	52	6.3	17	25	27	41	40	40	46	165	11
7	60	49	6.3	18	25	34	40	40	38	44	143	11
8	34	46	6.5	17	26	48	39	35	40	41	121	9.6
9	3.5	43	6.5	17	26	88	37	33	41	39	111	9.9
10	3.4	40	6.2	16	25	171	35	32	56	36	95	11
11	3.6	38	5.9	15	24	250	33	36	162	42	82	11
12	3.6	37	5.6	15	24	275	33	38	377	76	71	11
13	3.8	36	5.2	14	24	276	32	40	498	87	62	11
14	4.3	34	4.9	14	25	272	30	40	667	85	53	11
15	5.3	32	4.5	14	24	269	31	39	697	79	45	12
16	5.9	31	6.0	15	22	264	34	38	583	74	40	13
17	6.7	30	10	15	20	244	35	38	492	69	40	12
18	7.9	29	11	16	19	219	35	36	424	63	38	21
19	8.2	29	12	17	18	194	34	34	363	57	36	28
20	9.0	28	13	17e	18	167	33	33	302	51	36	30
21	12	28	14	18	19	145	32	32	249	46	34	30
22	16	28	15	19	20	130	32	32	199	48	31	30
23	25	54	16	21	20	118	32	31	161	48	28	33
24	33	71	19	22	20	107	48	30	133	45	26	36
25	38	76	20	24	20	98	108	30	113	42	23	36
26	44	78	18	23	20	89	108	29	97	39	21	36
27	47	76	17	23	20	82	96	28	84	36	18	35
28	46	54	15	23	20	75	86	27	73	32	16	34
29	47	38	14	23	---	70	78	25	64	28	13	33
30	54	25	14	24	---	66	73	29	56	26	11	31
31	58	---	14	23	---	61	---	34	---	23	11e	---
TOTAL	651.9	1385	316.2	552	624	3943	1466	1153	6207	1509	2125	601.5
MEAN	21.0	46.2	10.2	17.9	22.3	127.2	48.8	37.2	206.9	48.7	68.5	20.0
MAX	60	78	20	24	26	276	108	67	697	87	222	36
MIN	3.4	25	4.5	13	18	20	30	25	37	23	11	9.6
AC-FT	1293	2747	627	1095	1238	7821	2908	2287	12310	2993	4215	1193
CAL YEAR 2009	TOTAL		8966	MEAN	24.6	MAX	79.0	MIN	0.33	AC-FT	17780	
WTR YEAR 2010	TOTAL		20534	MEAN	56.3	MAX	697.0	MIN	3.4	AC-FT	40730	

e indicates estimated discharge.

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 good, except estimated records are poor.

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 4,600 cubic feet per second June 10, gage height 22.94 feet; minimum daily discharge 17 cubic feet per second August 28, 29, 31, and September 1, 2.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	40	30	26	37	33	47	41	41	49	27	17
2	19	33	29	27	33	34	44	48	40	46	31	17
3	19	30	28	27	32	35	43	85	43	45	31	18
4	20	28	27	29	33	40	41	97	37	48	31	22
5	21	27	27	35	33	49	41	112	39	51	30	21
6	25	27	27	38	33	68	42	107	36	86	30	20
7	24	27	27	40	34	77	42	100	40	61	28	20
8	22	27	27	38	34	153	41	90	1030	45	28	20
9	21	30	24	36	35	550	39	85	1300	42	30	20
10	21	28	25	34	34	669	39	82	1670	40	29	20
11	22	26	25	33	34	510	38	96	3000	41	28	21
12	22	28	25	30	34	302	37	100	2190	75	28	20
13	23	29	27	31	34	278	37	87	1640	96	26	20
14	28	28	29	31	31	283	36	66	1410	49	26	20
15	29	28	29	31	37	226	39	53	743	40	25	19
16	25	27	28	32	36	165	40	48	168	40	24	19
17	25	27	28	32	33	122	40	44	110	36	26	20
18	23	27	29	33	32	110	37	38	115	87	25	22
19	24	27	29	33	32	113	36	35	127	122	24	24
20	23	27	30	33	33	85	37	34	108	42	25	23
21	27	27	31	33	33	70	40	36	1460	36	27	22
22	50	27	32	34	34	69	42	35	1600	36	24	22
23	132	30	32	39	34	71	44	35	856	106	23	23
24	112	42	31	40	33	69	48	34	168	122	23	24
25	56	40	22	37	33	63	45	33	99	42	25	25
26	38	32	29	36	33	60	42	32	79	36	21	24
27	32	30	37	36	33	58	40	30	146	33	20	22
28	29	30	31	36	33	56	39	29	91	31	17	22
29	33	30	32	36	---	52	36	29	61	31	17	22
30	58	30	29	36	---	52	39	32	53	30	19	21
31	57	---	26	37	---	50	---	34	---	28	17	---
TOTAL	1078	889	882	1049	940	4572	1211	1807	18500	1672	785	630
MEAN	34.8	29.7	28.5	33.8	33.5	147.5	40.3	58.3	617.0	53.9	25.4	21.0
MAX	132	42	37	40	37	669	48	112	3000	122	31	25
MIN	18	26	22	26	31	33	36	29	36	28	17	17
AC-FT	2138	1763	1749	2081	1864	9068	2402	3584	36690	3316	1557	1250
CAL YEAR 2009	TOTAL		14702	MEAN	40.3	MAX	697.0	MIN	8.9	AC-FT	29160	
WTR YEAR 2010	TOTAL		34015	MEAN	93.2	MAX	3000	MIN	17.0	AC-FT	67470	

**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 good, 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 9,850 cubic feet per second June 10, gage height 23.03 feet; minimum daily discharge 25 cubic feet per second October 1 - 5, 9 and estimated January 2.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	48	36	26e	37e	37e	96	69	54	182	64	40
2	25	44	36	25e	37e	41e	94	64	279	170	241	43
3	25	42	36e	27e	40e	40e	85	62	84	164	450	43
4	25	42	31e	27e	42e	42	81	62	66	163	153	40
5	25	41	26e	29e	42e	56	79	60	87	163	82	41
6	27	41	28e	30e	42e	99	83	59	89	160	78	40
7	27	40	28e	30e	42e	172	83	63	80	145	73	39
8	26	39	29e	29e	35e	204	77	59	2680	137	68	38
9	25	39	29e	26e	30e	403	74	59	429	130	112	41
10	26	38	29e	28e	35e	489	72	64	3910	124	89	41
11	26	38	30e	31e	39e	415	68	80	4420	153	75	43
12	27	39	31e	35e	41e	538	68	81	4710	154	63	41
13	28	39	31e	34e	41e	449	68	99	1710	229	59	41
14	30	38	30e	35e	39e	390	69	85	1920	141	54	47
15	32	37	27e	37e	35e	321	71	80	609	134	52	43
16	30	37	30e	38e	28e	254	65	74	473	121	53	39e
17	29	36	30e	38e	29e	197	62	71	572	112	58	39e
18	30	36	33e	37e	32e	192	61	69	637	111	61	40e
19	30	36	32e	38e	35e	207	61	67	456	111	57	40e
20	32	36	33e	36e	33e	152	61	69	293	108	55	40e
21	34	36	34e	41e	32e	142	66	74	2700	97	52	40e
22	52	37	34e	44e	32e	144	65	74	1010	104	49	41e
23	156	35	35e	49e	32e	152	72	71	568	264	49	41e
24	89	43	33e	45e	29e	142	97	70	341	164	175	41e
25	60	42	29e	44e	28e	130	108	111	293	95	73	41e
26	50	37	28e	37e	28e	117	87	102	263	86	55	42e
27	45	37	26e	33e	29e	119	93	55	368	81	54	42e
28	43	36	30e	30e	34e	120	84	51	265	74	52	42e
29	45	35	31e	27e	---	111	78	50	211	71	49	43e
30	66	35	29e	31e	---	112	75	49	194	69	46	43e
31	56	---	27e	33e	---	106	---	51	---	68	38	---
TOTAL	1246	1159	951	1050	978	6093	2303	2154	29771	4085	2689	1235
MEAN	40.3	38.6	30.8	33.9	34.9	196.5	76.8	69.5	992.1	131.7	86.8	41.1
MAX	156	48	36	49	42	538	108	111	4710	264	450	47
MIN	25	35	26	25	28	37	61	49	54	68	38	38
AC-FT	2471	2299	1886	2083	1940	12090	4568	4272	59050	8102	5334	2450
CAL YEAR 2009 TOTAL			18949	MEAN	51.9	MAX	523.0	MIN	23.0	AC-FT	37580	
WTR YEAR 2010 TOTAL			53714	MEAN	147.2	MAX	4710	MIN	25.0	AC-FT	106500	

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 fair, 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 15,740 cubic feet per second June 12, gage height 18.95 feet; minimum daily discharge 136 cubic feet per second estimated January 4.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	167	286	211	161e	187e	201e	570	415	441	714	459	238
2	194	255	210	161e	176e	205e	537	387	470	711	948	255
3	178	240	208e	150e	183e	219e	480	372	514	696	792	266
4	171	233	194e	136e	194e	224e	438	371	488	760	530	248
5	169	230	183e	150e	197e	230e	412	376	493	787	475	247
6	182	229	179e	165e	194e	259e	427	364	551	926	442	248
7	192	228	161e	169e	187e	320e	468	367	617	734	421	243
8	184	222	161e	143e	172e	400e	412	352	662	574	407	241
9	185	218	172e	158e	154e	505e	389	346	736	528	1670	248
10	181	213	179e	172e	140e	682e	374	358	928	496	710	260
11	176	214	183e	179e	158e	785e	362	389	6850	407	547	260
12	176	219	194e	183e	179e	906e	362	409	9890	589	485	253
13	176	224	197e	187e	179e	934e	364	425	3950	554	447	246
14	176	215	179e	190e	187e	1290e	358	385	2600	466	409	243
15	180	204	183e	195e	140e	1610e	367	360	1840	473	379	241
16	180	200	190e	201e	154e	1500e	375	342	1300	396	361	235
17	175	198	194e	210e	179e	1360e	356	302	1030	374	362	237
18	171	200	201e	216e	197e	1270e	343	241	910	358	360	250
19	168	202	203e	214e	208e	1300e	339	185	836	819	344	260
20	165	203	205e	216e	218e	1390e	334	201	753	1250	341	258
21	170	202	212e	226e	208e	928e	328	253	1010	544	329	261
22	222	203	219e	232e	176e	850	324	321	1020	3330	304	252
23	440	205	216e	226e	172e	897	332	364	997	2320	289	277
24	447	233	219e	205e	169e	866	527	339	981	1040	297	346
25	333	229	183e	169e	187e	780	520	428	853	765	293	306
26	270	212	143e	158e	193e	722	437	366	809	662	273	275
27	247	210	143e	169e	194e	717	477	314	1140	604	264	268
28	238	210	150e	183e	201e	666	455	321	900	553	253	265
29	233	209	150e	190e	---	632	423	372	806	513	246	261
30	314	206	158e	183e	---	647	433	396	753	516	240	253
31	363	---	161e	186e	---	646	---	436	---	507	239	---
TOTAL	6823	6552	5741	5683	5083	23941	12323	10857	45128	23966	13916	7741
MEAN	220.1	218.3	185.3	183.3	181.5	772.2	410.7	350.3	1504	773.1	448.7	258.1
MAX	447	286	219	232	218	1610	570	436	9890	3330	1670	346
MIN	165	198	143	136	140	201	324	185	441	358	239	235
AC-FT	13530	13000	11390	11270	10080	47490	24440	21530	89510	47540	27600	15350
CAL YEAR 2009	TOTAL		94779	MEAN	259.7	MAX	2990	MIN	107.0	AC-FT	188000	
WTR YEAR 2010	TOTAL		167754	MEAN	459.6	MAX	9890	MIN	136.0	AC-FT	332700	

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 47,100 cubic feet per second June 13, gage height 20.59 feet estimated from a high water mark; minimum daily discharge 566 cubic feet per second estimate December 8 due to backwater from ice conditions.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	819	2890	1400	721e	1110e	1460e	2680	3070	1780	3960e	2610	1350
2	845	3610	1400	721e	1150e	1650e	2520	2800	2570	3400e	5420	1400
3	859	3140	1330	681e	1150e	1810e	2460	2660	1330	3370e	12700	1390
4	850	2840	1260	681e	1260e	1880e	2200	2490	1130	3430e	7560	1390
5	858	2360	1260e	721e	1220e	2000e	1990	2270	1230	3440e	5520	1320
6	894	2260	991e	721e	1220e	2310e	1990	2070	1280	3560e	4830	1320
7	901	2270	798e	681e	1300e	2980e	2050	2070	1290	4040	4910	1280
8	941	2200	566e	681e	1220e	4380e	2010	2030	3160	3690	3900	1220
9	950	2430	721e	681e	1110e	6800e	1880	1850	5840e	3320	5330	1190
10	971	2320	836e	721e	1070e	10400e	1790	1870	11700e	3150	5200	1200
11	940	2280	721e	836e	1110e	7310e	1750	2140	22400e	3110	3770	1220
12	938	2200	681e	798e	1110e	8010	1740	2480	38600e	3620	3500	1220
13	943	2380	681e	836e	1190e	17300	1820	3000	46000e	5610	3060	1200
14	964	2380	759e	865e	1190e	16200	1970	2930	43300e	4830	2730	1220
15	980	2280	721e	876e	1260e	14000	2140	2630	37200e	4810	2460	1220
16	1010	2180	953e	914e	1150e	12300	2140	2520	33000	4040	2290	1210
17	1030	2040	991e	991e	1070e	11000	2140	2320	34000	3710	2300	1170
18	1030	2010	991e	1030e	1190e	9540	2230	2130	37000	3540	2230	1330
19	1030	1750	914e	1070e	1260e	8520	2100	1980	32800	3510	2140	2570
20	1020	1510	876e	1070e	1220e	7420	2010	1900	27600	4270	2060	1970
21	1060	1460	953e	1110e	1190e	6670	2060	1850	28600	3770	1860	1680
22	1260	1450	953e	1110e	1190e	5660	1990	1770	27000	3810	1810	1600
23	2110	1430	953e	1150e	1190e	5240	2120	1690	21900	7220	1740	1590
24	2740	1630	991e	1190e	1150e	5000	2510	1610	16600	6760	3130	2760
25	2760	1930	953e	1260e	1150e	4720	3290	1580	11400	5020	2260	2310
26	2350	1830	991e	1150e	1190e	4390	3540	2210	9470	4450	1850	2060
27	2150	1610	876e	1070e	1300e	4060	4230	1810	8350	3940	1720	1990
28	2100	1510	759e	953e	1380e	3760	3260	1620	7870	3610	1630	1830
29	2080	1460	836e	953e	---	3280	3190	1560	6280e	3300	1530	1690
30	2570	1420	836e	953e	---	2910	3070	1510	4960e	1760	1450	1590
31	2850	---	759e	1070e	---	2830	---	1500	---	1950	1390	---
TOTAL	42803	63060	28710	28265	33300	195790	70870	65920	525640	122000	104890	46490
MEAN	1381	2103	926.0	911.1	1188	6313	2363	2127	17530	3935	3384	1549
MAX	2850	3610	1400	1260	1380	17300	4230	3070	46000	7220	12700	2760
MIN	819	1420	566	681	1070	1460	1740	1500	1130	1760	1390	1170
AC-FT	84900	125100	56950	56060	66050	388300	140600	130800	1043000	242000	208000	92210
CAL YEAR 2009	TOTAL		577874	MEAN	1583	MAX	6000	MIN	566.0	AC-FT	1146000	
WTR YEAR 2010	TOTAL		1327738	MEAN	3638	MAX	46000	MIN	566.0	AC-FT	2634000	

e indicates estimated discharge.

LITTLE BLUE 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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	24	26	24
2	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	24	26	25
3	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	25	26	25
4	13	0.00	0.00	0.00	0.00	0.00	0.00	7.7	18	20	21	26
5	13	0.00	0.00	0.00	0.00	0.00	0.00	10	17	17	19	26
6	13	0.00	0.00	0.00	0.00	0.00	0.00	15	17	19	15	24
7	11	0.00	0.00	0.00	0.00	0.00	0.00	12	17	13	13	25
8	9.4	0.00	0.00	0.00	0.00	0.00	0.00	3.2	16	13	13	25
9	9.4	0.00	0.00	0.00	0.00	0.00	0.00	6.6	16	14	15	27
10	9.2	0.00	0.00	0.00	0.00	0.00	0.00	11	17	17	20	27
11	9.1	0.00	0.00	0.00	0.00	0.00	0.00	12	18	17	19	27
12	9.3	0.00	0.00	0.00	0.00	0.00	0.00	8.1	17	22	19	26
13	9.4	0.00	0.00	0.00	0.00	0.00	0.00	8.8	6.0	27	18	26
14	9.6	0.00	0.00	0.00	0.00	0.00	0.00	12	5.5	26	18	23
15	3.5	0.00	0.00	0.00	0.00	0.00	0.00	12	13	24	17	20
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	18	24	19	17
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	18	23	20	18
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.2	17	22	21	21
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	23	22	22
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	24	17	24
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	23	20	21
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	22	22	16
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.3	26	22	21	14
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	27	21	20	15
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	25	21	20	16
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	25	23	22	18
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	19	23	23	21
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	9.9	23	21	25
29	0.00	0.00	0.00	0.00	---	0.00	0.00	6.1	15	24	11	25
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	25	24	10	24
31	0.00	---	0.00	0.00	---	0.00	---	7.9	---	24	17	---
TOTAL	155.9	0	0	0	0	0	0	228.9	530.4	668	591	673
MEAN	5.0	0.000	0.000	0.000	0.000	0.000	0.000	7.4	17.7	21.5	19.1	22.4
MAX	13	0.00	0.00	0.00	0.00	0.00	0.00	15	27	27	26	27
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.5	13	10	14
AC-FT	309	0.00	0.00	0.00	0.00	0.00	0.00	454	1052	1325	1172	1335
CAL YEAR 2009	MAX		28.0	MIN	0.000	AC-FT	4712					
WTR YEAR 2010	MAX		27.0	MIN	0.000	AC-FT	5647					

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	21	22	19
2	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	21	22	20
3	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	22	23	20
4	12	0.00	0.00	0.00	0.00	0.00	0.00	3.8	16	20	22	20
5	13	0.00	0.00	0.00	0.00	0.00	0.00	8.8	15	15	18	21
6	12	0.00	0.00	0.00	0.00	0.00	0.00	13	15	18	15	20
7	11	0.00	0.00	0.00	0.00	0.00	0.00	12	15	12	12	20
8	8.4	0.00	0.00	0.00	0.00	0.00	0.00	5.5	14	12	12	21
9	8.4	0.00	0.00	0.00	0.00	0.00	0.00	3.5	14	11	11	21
10	8.4	0.00	0.00	0.00	0.00	0.00	0.00	8.4	15	15	17	21
11	8.2	0.00	0.00	0.00	0.00	0.00	0.00	11	16	15	17	21
12	8.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	16	17	21
13	8.4	0.00	0.00	0.00	0.00	0.00	0.00	6.7	10	22	16	21
14	8.7	0.00	0.00	0.00	0.00	0.00	0.00	11	4.4	22	15	21
15	5.7	0.00	0.00	0.00	0.00	0.00	0.00	10	13	21	15	18
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	19	21	16	16
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	16	20	18	15
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.3	16	19	18	18
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	19	20	19
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	20	15	21
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	21	15	20
22	0.00	0.00	0.00	0.00	0.00	0.00	2.6	0.00	18	20	21	16
23	0.00	0.00	0.00	0.00	0.00	0.00	1.4	3.4	20	20	21	13
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.9	21	19	17	13
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.9	21	19	17	14
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	21	19	18	15
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	19	21	20	18
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	8.9	20	19	20
29	0.00	0.00	0.00	0.00	---	0.00	0.00	8.2	9.8	21	12	21
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	22	21	8.7	20
31	0.00	---	0.00	0.00	---	0.00	---	3.6	---	21	11	---
TOTAL	148.4	0	0	0	0	0	4	191	464.1	584	520.7	564
MEAN	4.8	0.000	0.000	0.000	0.000	0.000	0.13	6.2	15.5	18.8	16.8	18.8
MAX	13	0.00	0.00	0.00	0.00	0.00	2.6	13	22	22	23	21
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.4	11	8.7	13
AC-FT	294	0.00	0.00	0.00	0.00	0.00	7.9	379	921	1158	1033	1119
CAL YEAR 2009	MAX	25.0	MIN	0.000	AC-FT	4192						
WTR YEAR 2010	MAX	23.0	MIN	0.000	AC-FT	4911						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.93	---	---	---	---	---	---	0.00	3.2	4.8	1.1	2.4
2	3.3	---	---	---	---	---	---	0.00	2.5	4.5	1.1	2.4
3	2.9	---	---	---	---	---	---	0.00	2.9	5.1	1.2	2.4
4	3.3	---	---	---	---	---	---	0.00	3.7	4.9	1.3	2.4
5	3.1	---	---	---	---	---	---	0.58	4.0	5.3	1.3	2.4
6	3.0	---	---	---	---	---	---	0.69	4.3	6.9	1.9	2.4
7	2.8	---	---	---	---	---	---	0.71	4.3	6.5	2.1	2.4
8	2.9	---	---	---	---	---	0.00	0.50	3.3	5.8	1.7	2.4
9	3.0	---	---	---	---	---	0.00	0.00	2.8	5.2	1.5	2.4
10	3.0	---	---	---	---	---	0.00	3.8	2.9	5.8	1.5	2.4
11	3.1	---	---	---	---	---	0.00	3.6	2.7	4.4	1.5	2.4
12	3.1	---	---	---	---	---	0.00	3.6	3.0	4.3	1.6	2.4
13	3.3	---	---	---	---	---	0.00	3.9	5.3	4.0	1.8	2.4
14	3.7	---	---	---	---	---	0.00	4.5	0.17	3.8	2.1	2.4
15	3.8	---	---	---	---	---	0.00	3.5	0.00	3.5	2.2	2.4
16	1.0	---	---	---	---	---	0.00	4.2	3.8	3.9	2.1	2.4
17	0.00	---	---	---	---	---	0.00	4.4	3.6	3.2	2.2	2.4
18	0.00	---	---	---	---	---	0.00	4.6	3.5	2.9	1.9	2.3
19	0.00	---	---	---	---	---	0.00	0.47	3.6	3.1	1.9	2.3
20	0.00	---	---	---	---	---	0.00	0.00	3.7	2.7	2.0	2.3
21	0.00	---	---	---	---	---	0.00	0.00	3.9	2.6	2.1	2.3
22	0.00	---	---	---	---	---	0.62	0.00	3.9	2.3	2.1	2.3
23	0.00	---	---	---	---	---	0.85	0.00	3.8	2.1	2.2	2.3
24	0.00	---	---	---	---	---	0.00	3.6	3.9	2.0	2.2	2.3
25	0.00	---	---	---	---	---	0.00	3.0	4.0	2.1	2.4	2.3
26	0.00	---	---	---	---	---	0.00	3.1	4.3	2.0	2.3	2.3
27	0.00	---	---	---	---	---	0.00	3.3	4.7	1.5	2.4	2.3
28	---	---	---	---	---	---	0.00	2.6	4.3	1.3	2.3	2.3
29	---	---	---	---	---	---	0.00	3.0	5.1	1.1	2.3	2.3
30	---	---	---	---	---	---	0.00	0.62	5.3	0.99	2.4	2.3
31	---	---	---	---	---	---	---	0.00	---	1.0	2.4	---
TOTAL	46.23	0	0	0	0	0	1.47	58.27	106.47	109.59	59.1	70.7
MEAN	1.7	---	---	---	---	---	0.064	1.9	3.5	3.5	1.9	2.3
MAX	3.8	---	---	---	---	---	0.85	4.6	5.3	6.9	2.4	2.4
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.99	1.1	2.3
AC-FT	92	0.00	0.00	0.00	0.00	0.00	2.9	116	211	217	117	140
CAL YEAR 2009	TOTAL		313	MEAN	1.4	MAX	7.6	MIN	0.000	AC-FT	621	
WTR YEAR 2010	TOTAL		452	MEAN	2.2	MAX	6.9	MIN	0.000	AC-FT	896	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	47610	49650	53260	55420	58950	63580	70820	77260	81320	81320	71400	64050
2	47490	49710	53260	55480	59190	63800	71050	77340	81410	81120	70970	63730
3	47360	49870	53390	55590	59330	64020	71160	77540	81450	80500	70630	63330
4	47300	49970	53460	55620	59500	64160	71240	77700	81530	80090	70970	63190
5	47240	50060	53530	55690	59740	64340	71320	77700	81570	79850	70780	63150
6	47300	50260	53530	55750	59910	64590	71550	77780	81530	80130	70780	63120
7	47300	50350	53560	55850	60120	64810	72010	78100	81610	79970	70700	62980
8	47140	50480	53590	55920	60330	64960	72280	78140	81610	79680	70590	62830
9	47180	50580	53720	56020	60580	65610	72480	78180	81610	79520	70470	62800
10	47110	50640	53760	56120	60650	66090	72590	78300	81610	79280	70440	62760
11	47110	50770	53820	56120	60790	66500	72750	78460	81700	79240	70250	62760
12	47110	50930	53860	56190	60860	66750	72900	78460	82070	79200	69940	62620
13	46990	51060	53860	56250	61000	67010	73140	78630	82480	78950	69640	62590
14	47080	51120	53960	56320	61100	67310	73490	78750	82900	78540	69220	62550
15	47240	51220	53990	56420	61310	67530	73690	78790	83020	78060	69030	62480
16	47270	51380	53990	56460	61420	67910	73810	78950	83020	78060	68690	62510
17	47300	51600	54060	56520	61490	68060	73920	79110	83110	77220	68800	62440
18	47300	51670	54120	56630	61590	68240	74040	79200	83110	76730	68800	62340
19	47300	51800	54150	56760	61730	68540	74350	79520	83110	76380	68540	62370
20	47330	51860	54220	56900	61800	68690	74510	79890	83060	75940	68430	62300
21	47390	51930	54320	56970	61910	68950	74950	80130	83060	75540	68210	62190
22	48010	52020	54350	57070	62370	69300	75180	80300	83150	75260	67940	62190
23	48260	52150	54420	57310	62550	69330	75460	80540	83150	74870	67680	62190
24	48390	52350	54650	57480	62620	69490	75900	80700	82980	74630	67380	62160
25	48610	52420	54720	57580	62760	69680	76140	80830	82900	74160	67080	62050
26	48670	52510	54850	57920	62910	69830	76300	80910	82850	74040	66640	61910
27	48830	52580	54920	58020	62940	70020	76450	81080	82810	73690	66130	61880
28	48770	52580	54980	58260	63300	70210	76530	81160	82520	73220	65720	61800
29	48990	52610	55080	58540	---	70360	76900	81200	82030	72750	65720	61770
30	49460	52640	55220	58670	---	70550	77060	81280	81700	72280	68580	61660
31	49550	---	55320	58810	---	70660	---	81320	---	71860	64520	---
MEAN	47740	51290	54130	56730	61170	67450	73800	79270	82330	77160	68860	62560
MAX	49550	52640	55320	58810	63300	70660	77060	81320	83150	81320	71400	64050
MIN	46990	49650	53260	55420	58950	63580	70820	77260	81320	71860	64520	61660
CAL YEAR 2009	MEAN	56230	MAX	69030	MIN	46990						
WTR YEAR 2010	MEAN	65220	MAX	83150	MIN	46990						

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 in 1994.

DISCHARGE (CFS), WATER YEAR 2010

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO RELEASES FROM SWANSON RESERVOIR TO THE REPUBLICAN RIVER IN 2010.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	138	185	168
2	---	---	---	---	---	---	---	---	0.00	147	177	152
3	---	---	---	---	---	---	---	---	0.00	149	172	48
4	---	---	---	---	---	---	---	---	0.00	149	108	0.00
5	---	---	---	---	---	---	---	---	0.00	134	79	0.00
6	---	---	---	---	---	---	---	---	0.00	118	80	0.00
7	---	---	---	---	---	---	---	---	0.00	115	81	0.00
8	---	---	---	---	---	---	---	---	0.00	115	83	0.00
9	---	---	---	---	---	---	---	---	0.00	113	93	0.00
10	---	---	---	---	---	---	---	---	0.00	112	118	0.00
11	---	---	---	---	---	---	---	---	0.00	112	142	0.00
12	---	---	---	---	---	---	---	---	0.00	119	165	0.00
13	---	---	---	---	---	---	---	---	0.00	156	163	0.00
14	---	---	---	---	---	---	---	---	0.00	196	156	0.00
15	---	---	---	---	---	---	---	---	0.00	203	156	0.00
16	---	---	---	---	---	---	---	---	0.00	198	151	0.00
17	---	---	---	---	---	---	---	---	0.00	196	106	0.00
18	---	---	---	---	---	---	---	---	0.00	196	80	0.00
19	---	---	---	---	---	---	---	---	0.00	196	76	0.00
20	---	---	---	---	---	---	---	---	0.00	206	83	0.00
21	---	---	---	---	---	---	---	---	0.00	196	87	0.00
22	---	---	---	---	---	---	---	---	0.00	171	88	0.00
23	---	---	---	---	---	---	---	---	87	124	109	0.00
24	---	---	---	---	---	---	---	---	52	110	136	0.00
25	---	---	---	---	---	---	---	---	62	110	162	0.00
26	---	---	---	---	---	---	---	---	68	116	178	0.00
27	---	---	---	---	---	---	---	---	68	150	158	0.00
28	---	---	---	---	---	---	---	---	78	188	148	0.00
29	---	---	---	---	---	---	---	---	106	205	148	0.00
30	---	---	---	---	---	---	---	---	120	193	154	0.00
31	---	---	---	---	---	---	---	---	---	185	167	---
TOTAL	0	0	0	0	0	0	0	0	641	4816	3989	368
MEAN	---	---	---	---	---	---	---	---	21.4	155.4	128.7	12.3
MAX	---	---	---	---	---	---	---	---	120	206	185	168
MIN	---	---	---	---	---	---	---	---	0.00	110	76	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1271	9552	7912	730
CAL YEAR 2009	MAX	213.0	MIN	0.000	AC-FT	23270						
WTR YEAR 2010	MAX	206.0	MIN	0.000	AC-FT	19470						

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, excepted estimated records are poor.

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 132 cubic feet per second August 3, gage height 2.75 feet; minimum daily discharge 3.8 cubic feet per second October 1.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.8	7.0	4.9	5.3	5.7	8.1	8.4	7.9	5.9	7.0	4.8	4.3
2	3.9	6.3	4.9	5.2	5.7	8.2	8.3	7.5	5.8	7.3	4.7	4.2
3	4.2	5.9	4.8	5.3	5.7	8.1	8.2	7.2	5.8	7.6	14	4.2
4	4.5	5.7	4.8	5.3	6.2	8.0	8.0	6.8	5.6	6.9	7.3	4.2
5	4.6	5.6	4.9	5.5	5.9e	8.1	7.8	6.7	5.5	8.4	6.2	4.1
6	4.6	5.6	4.9	5.1	6.0e	8.1	8.1	6.8	5.4	7.5	6.6	4.0
7	4.5	5.5	4.8	5.2	6.0e	7.9	9.8	6.7	5.5	7.7	5.8	3.9
8	4.6	5.3	4.5e	5.0	6.1e	9.9	9.8	6.5	5.7	8.5	5.4	4.1
9	4.7	5.2	4.5e	5.0	6.1e	15	9.5	6.6	5.3	10	5.8	4.3
10	5.0	5.2	4.5e	5.2	6.2e	17	9.1	7.0	5.2	10	8.3	4.5
11	5.0	5.3	4.7	5.4	6.4	16	8.7	7.0	7.7	9.9	6.4	4.3
12	5.0	5.3	4.8	5.6	6.5	14	8.3	7.7	11	9.2	5.9	4.2
13	5.4	5.2	5.0	6.0	6.8	12	8.5	7.7	12	8.7	5.4	4.2
14	5.4	5.1	4.9	6.1	6.4	11	8.9	7.6	10	8.0	5.2	4.3
15	5.1	5.4	4.8	6.0	6.5	10	8.6	8.0	11	7.4	5.2	4.4
16	4.8	5.2	5.0	6.3	6.3	9.8	8.3	8.5	10	7.1	7.0	4.4
17	4.6	5.1	5.2	6.4	6.4	9.4	8.0	8.3	8.7	6.6	13	4.4
18	4.6	5.1	5.4	6.2	6.4	9.1	7.6	8.2	7.7	6.4	7.7	4.4
19	4.5	5.1	5.5	6.2	6.7	9.3	7.4	10	9.1	6.2	7.2	4.5
20	4.6	5.1	5.7	6.2	6.7	9.1	7.8	10	8.2	6.0	6.9	4.7
21	6.4	5.1	5.7	6.1	7.0	8.8	7.9	11	15	6.0	6.9	4.8
22	9.7	5.0	5.8	6.3	7.0	8.7	8.6	9.8	33	6.3	6.6	4.8
23	7.6	5.2	5.8	6.3	7.2	8.5	12	8.6	47	6.1	6.2	5.2
24	6.4	5.3	5.5	6.1	7.2	8.7	15	8.2	23	5.8	5.9	5.1
25	5.8	5.1	5.0	6.0	7.3	8.4	16	7.5	16	5.8	5.5	4.9
26	5.4	5.0	5.2	5.8	7.5	8.3	13	7.3	12	5.7	5.2	4.8
27	5.3	5.1	5.3	5.7	7.5	8.3	11	6.9	11	5.3	4.8	4.7
28	5.3	5.0	5.4	5.7	7.7	8.3	9.9	6.5	9.8	5.2	4.4	4.7
29	6.2	5.0	5.4	5.7	---	8.4	8.7	6.3	8.7	5.1	4.3	4.6
30	7.7	5.0	5.4	5.7	---	8.3	8.4	6.0	7.7	4.9	4.3	4.5
31	7.5	---	5.4	5.7	---	8.4	---	5.9	---	4.8	4.2	---
TOTAL	166.7	160	158.4	177.6	183.1	301.2	279.6	236.7	334.3	217.4	197.1	133.7
MEAN	5.4	5.3	5.1	5.7	6.5	9.8	9.3	7.6	11.1	7.0	6.4	4.5
MAX	9.7	7.0	5.8	6.4	7.7	17	16	11	47	10	14	5.2
MIN	3.8	5.0	4.5	5.0	5.7	7.9	7.4	5.9	5.2	4.8	4.2	3.9
AC-FT	331	317	314	352	363	597	555	469	663	431	391	265
CAL YEAR 2009	TOTAL		1786	MEAN	4.9	MAX	10.0	MIN	3.0	AC-FT	3542	
WTR YEAR 2010	TOTAL		2546	MEAN	7.0	MAX	47.0	MIN	3.8	AC-FT	5050	

e indicates estimated 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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15120	15380	15500	15660	15840	16060	16520	16860	16890	16990	16590	16430
2	15080	15390	15500	15670	15830	16090	16520	16850	16890	16960	16580	16420
3	15030	15400	15500	15670	15830	16090	16510	16850	16880	16970	16570	16390
4	15030	15400	15480	15670	15850	16090	16500	16840	16880	16950	16610	16370
5	15020	15400	15490	15670	15870	16110	16510	16840	16860	17040	16600	16350
6	15050	15400	15500	15680	15860	16110	16520	16820	16850	17010	16710	16340
7	15050	15410	15500	15700	15870	16120	16580	16830	16840	17000	16690	16300
8	15020	15420	15530	15700	15870	16130	16580	16800	16890	16990	16670	16270
9	15020	15410	15540	15700	15900	16290	16590	16780	16880	16980	16660	16280
10	15030	15410	15560	15700	15880	16340	16590	16780	16850	16980	16680	16290
11	15030	15420	15540	15700	15920	16390	16590	16810	16840	17000	16660	16280
12	15030	15440	15560	15710	15910	16410	16590	16800	16910	16990	16630	16270
13	15030	15430	15550	15710	15910	16400	16580	16820	16950	16980	16620	16260
14	15040	15430	15560	15720	15920	16430	16640	16810	16980	16950	16590	16250
15	15060	15440	15570	15720	15920	16430	16650	16820	16970	16950	16570	16270
16	15060	15450	15570	15740	15920	16440	16670	16820	16960	16950	16550	16270
17	15060	15470	15580	15750	15920	16450	16660	16850	16950	16900	16770	16270
18	15060	15460	15590	15760	15920	16470	16650	16840	16940	16890	16770	16240
19	15060	15460	15590	15770	15930	16450	16650	16900	16940	16880	16760	16240
20	15060	15470	15600	15780	15950	16490	16650	16940	16930	16850	16760	16240
21	15080	15460	15610	15790	15980	16500	16700	16950	17060	16820	16740	16270
22	15200	15460	15610	15790	16000	16480	16700	16950	17080	16840	16710	16250
23	15230	15470	15620	15830	16010	16490	16790	16960	17090	16820	16690	16300
24	15230	15480	15630	15830	16000	16500	16850	16950	17110	16800	16670	16300
25	15240	15480	15650	15830	16010	16500	16870	16950	17110	16750	16650	16300
26	15240	15480	15650	15830	16040	16490	16870	16950	17100	16740	16610	16280
27	15240	15480	15650	15830	16030	16510	16860	16940	17090	16710	16580	16270
28	15240	15490	15650	15830	16040	16500	16870	16930	17070	16700	16550	16270
29	15250	15500	15650	15830	---	16500	16870	16920	17050	16670	16500	16270
30	15380	15500	15660	15830	---	16500	16870	16910	17040	16640	16480	16240
31	15370	---	15660	15830	---	16500	---	16900	---	16620	16480	---
MEAN	15120	15440	15580	15750	15920	16360	16660	16870	16960	16880	16630	16290
MAX	15380	15500	15660	15830	16040	16510	16870	16960	17110	17040	16770	16430
MIN	15020	15380	15480	15660	15830	16060	16500	16780	16840	16620	16480	16240
CAL YEAR 2009	MEAN	15590		MAX	16200	MIN	15020					
WTR YEAR 2010	MEAN	16210		MAX	17110	MIN	15020					

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 2010

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

NO RELEASES WERE MADE IN 2010 FROM ENDERS RESERVOIR.

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 362 cubic feet per second June 22, gage height 8.50 feet; minimum daily discharge 9.5 cubic feet per second October 1 & 2.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.5	22	16	16e	16	22	19	22	27	24	14	11
2	9.5	24	16e	14e	16	20	19	21	23	22	13	11
3	9.7	24	16e	13e	16	26	19	20	20	23	14	10
4	10	22	16e	13e	17	31	18	19	18	21	17	11
5	10	19	16e	14e	17	31	18	18	18	28	15	11
6	11	18	18e	13e	17	37	19	18	17	26	14	10
7	11	18	17e	13e	17	35	20	18	18	25	14	10
8	11	18	15e	11e	17e	31	23	17	18	36	15	10
9	12	18	15e	12e	15e	32	26	17	20	38	14	10
10	12	17	14e	14e	15e	80	24	17	35	40	14	10
11	12	17	15e	15	15e	68	22	17	22	38	14	10
12	13	17	14e	17	16e	65	21	18	31	26	14	10
13	13	16	15e	17	16	73	22	18	47	22	13	10
14	14	16	14e	17	16e	43	23	17	81	21	13	10
15	14	16	14e	18	14e	32	23	17	201	19	13	10
16	14	16	14	18	14e	28	24	18	173	18	16	11
17	14	15	14	18	14e	26	23	18	129	18	26	11
18	14	16	17	19	16	25	21	18	44	17	18	11
19	14	15	16	18	16	24	20	22	31	18	16	11
20	14	15	17	18	16	24	22	31	27	17	15	11
21	15	16	17	18	17	23	27	41	48	17	14	11
22	19	16	18	18	16	23	24	31	313	17	13	11
23	22	16	18e	18	17	22	28	24	214	17	13	11
24	26	16	17e	19	16	22	33	21	158	16	13	12
25	24	16	15e	19e	16	21	37	19	89	16	12	12
26	20	16	13e	18e	17	21	36	18	47	16	12	12
27	19	16	13e	18	20	21	32	17	36	15	12	11
28	17	16	14e	18	22	21	28	17	31	15	11	11
29	17	16	15e	17	---	20	26	18	28	14	11	11
30	18	16	14e	17	---	20	24	95	26	14	11	11
31	19	---	14e	16	---	19	---	90	---	14	11	---
TOTAL	457.7	519	477	504	457	986	721	772	1990	668	435	322
MEAN	14.8	17.3	15.3	16.3	16.3	31.8	24.0	24.9	66.3	21.5	14.0	10.8
MAX	26	24	18	19	22	80	37	95	313	40	26	12
MIN	9.5	15	13	11	14	19	18	17	17	14	11	10
AC-FT	908	1029	946	1000	906	1956	1430	1531	3947	1325	863	639
CAL YEAR 2009 TOTAL			5828	MEAN	16.0	MAX	103.0	MIN	8.5	AC-FT	11560	
WTR YEAR 2010 TOTAL			8309	MEAN	22.8	MAX	313.0	MIN	9.5	AC-FT	16480	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	31	43	37	30	23
2	---	---	---	---	---	---	0.00	30	43	37	29	23
3	---	---	---	---	---	---	0.00	33	42	37	29	23
4	---	---	---	---	---	---	0.00	37	37	36	33	25
5	---	---	---	---	---	---	0.00	39	35	36	32	25
6	---	---	---	---	---	---	0.00	43	35	36	32	23
7	---	---	---	---	---	---	0.00	43	36	34	31	11
8	---	---	---	---	---	---	0.00	43	36	33	31	0.00
9	---	---	---	---	---	---	0.00	43	35	33	32	0.00
10	---	---	---	---	---	---	0.00	43	36	33	32	0.00
11	---	---	---	---	---	---	0.00	45	36	33	32	0.00
12	---	---	---	---	---	---	0.00	49	36	32	31	0.00
13	---	---	---	---	---	---	0.00	49	37	9.2	30	0.00
14	---	---	---	---	---	---	0.00	48	36	35	29	0.00
15	---	---	---	---	---	---	0.00	48	37	37	29	0.00
16	---	---	---	---	---	---	0.00	49	38	35	29	0.00
17	---	---	---	---	---	---	0.00	48	38	35	26	0.00
18	---	---	---	---	---	---	0.00	49	37	34	25	0.00
19	---	---	---	---	---	---	0.00	49	37	35	25	0.00
20	---	---	---	---	---	---	0.00	49	36	35	25	0.00
21	---	---	---	---	---	---	22	50	37	36	25	0.00
22	---	---	---	---	---	---	36	49	37	35	25	0.00
23	---	---	---	---	---	---	34	49	34	35	24	0.00
24	---	---	---	---	---	---	23	49	37	36	27	0.00
25	---	---	---	---	---	---	18	49	37	35	29	0.00
26	---	---	---	---	---	---	18	49	36	35	29	0.00
27	---	---	---	---	---	---	22	49	36	34	28	0.00
28	---	---	---	---	---	---	28	45	37	32	28	0.00
29	---	---	---	---	---	---	31	44	37	31	28	0.00
30	---	---	---	---	---	---	31	44	37	30	27	0.00
31	---	---	---	---	---	---	---	44	---	30	26	---
TOTAL	0	0	0	0	0	0	263	1389	1111	1041.2	888	153
MEAN	---	---	---	---	---	---	8.8	44.8	37.0	33.6	28.6	5.1
MAX	---	---	---	---	---	---	36	50	43	37	33	25
MIN	---	---	---	---	---	---	0.00	30	34	9.2	24	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	522	2755	2204	2065	1761	303
CAL YEAR 2009	MAX	46.0	MIN	0.000	AC-FT	9626						
WTR YEAR 2010	MAX	50.0	MIN	0.000	AC-FT	9610						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.8	---	---	---	---	---	---	0.00	11	7.2	7.3	9.1e
2	9.3	---	---	---	---	---	---	0.00	11	8.7	8.5	9.8e
3	0.00	---	---	---	---	---	---	0.00	10	9.2	9.2	10e
4	0.00	---	---	---	---	---	---	0.10	11	9.3	10	11e
5	0.00	---	---	---	---	---	---	6.0	11	9.7	9.9	11e
6	0.00	---	---	---	---	---	---	8.1	11	9.6	9.6	12e
7	0.00	---	---	---	---	---	---	8.8	11	9.4	9.8	12e
8	0.00	---	---	---	---	---	---	11	11	8.4	9.1	12
9	0.00	---	---	---	---	---	---	11	10	10.0	8.3	12
10	0.00	---	---	---	---	---	---	10	9.9	10	8.6	12
11	0.00	---	---	---	---	---	---	8.2	8.6	10	8.9	12
12	0.00	---	---	---	---	---	---	7.5	6.5	9.9	10	12
13	0.00	---	---	---	---	---	---	7.3	8.8	9.4	9.4	12
14	0.00	---	---	---	---	---	---	7.1	0.00	9.0	9.1	12
15	0.00	---	---	---	---	---	---	7.7	0.00	8.4	8.5	12
16	0.00	---	---	---	---	---	---	9.8	0.00	8.4	8.7	12
17	0.00	---	---	---	---	---	---	8.5	0.00	8.5	11	12
18	0.00	---	---	---	---	---	---	9.3	0.00	8.4	13	12
19	0.00	---	---	---	---	---	---	8.0	0.00	8.2	13	12
20	0.00	---	---	---	---	---	---	8.2	0.00	8.5	13e	12
21	0.00	---	---	---	---	---	---	9.2	6.9	8.4	9.9e	12
22	0.00	---	---	---	---	---	---	8.4	8.1	8.6	7.5e	12
23	0.00	---	---	---	---	---	---	8.3	0.00	8.7	6.3e	12
24	0.00	---	---	---	---	---	---	8.9	0.00	8.6	5.9e	12
25	0.00	---	---	---	---	---	---	9.3	0.00	8.5	6.0e	12
26	0.00	---	---	---	---	---	---	9.2	0.00	8.1	6.1e	0.00
27	0.00	---	---	---	---	---	---	9.1	0.00	8.3	6.6e	0.00
28	0.00	---	---	---	---	---	---	9.2	0.00	8.4	7.3e	0.00
29	0.00	---	---	---	---	---	---	9.1	0.00	8.3	7.8e	0.00
30	0.00	---	---	---	---	---	---	10	5.3	8.1	8.2e	0.00
31	0.00	---	---	---	---	---	---	12	---	8.1	8.6e	---
TOTAL	17.1	0	0	0	0	0	0	239.3	151.1	272.3	275.1	290.9
MEAN	0.55	---	---	---	---	---	---	7.7	5.0	8.8	8.8	9.8
MAX	9.3	---	---	---	---	---	---	12	11	10	13	12
MIN	0.00	---	---	---	---	---	---	0.00	0.00	7.2	5.9	0.00
AC-FT	34	0.00	0.00	0.00	0.00	0.00	0.00	475	300	540	546	577

CAL YEAR 2009 MAX 22.0 MIN 0.000 AC-FT 2336
WTR YEAR 2010 MAX 13.0 MIN 0.000 AC-FT 2471

e indicates estimated discharge.

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 539 cubic feet per second June 13, gage height 10.64 feet; minimum daily discharge 7.2 cubic feet per second September 7 & 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.0	28	17	17e	21	35	16	14	13	21	11	7.9
2	9.9	29	17e	17e	23	35	16	14	14	20	11	7.4
3	10	30	16e	17e	23	32	16	14	14	20	11	7.3
4	10	29	15e	17e	23	33	16	14	14	21	13	7.4
5	11	19	16e	17e	24	34	16	13	13	24	24	7.4
6	11	16	17e	17e	24	128	16	13	12	25	14	7.3
7	12	17	15e	16e	24	86	19	14	12	27	13	7.2
8	12	19	14e	16e	24e	39	22	13	13	36	12	7.3
9	12	19	14e	17e	24e	90	24	13	15	27	11	7.2
10	13	19	14e	17e	23e	69	24	14	14	25	11	7.3
11	13	19	14e	19e	23e	50	21	14	13	25	11	7.3
12	14	19	14e	20	24e	50	19	14	14	32	11	7.4
13	14	19	15e	19	25	46	18	14	199	26	11	7.4
14	15	19	15e	20	25	45	18	14	134	23	10	7.4
15	16	19	16e	20	29	35	18	14	34	20	10	7.4
16	16	19	16e	20	31	31	17	15	95	18	10	8.2
17	16	18	18e	19	35	25	16	19	93	17	13	9.0
18	16	18	18e	18	27	26	16	20	47	16	12	8.5
19	15	18	19e	21	25e	27	16	20	27	16	12	8.2
20	15	18	18e	21	24e	26	15	22	20	15	11	8.1
21	16	18	18e	20	24e	24	16	24	126	15	10	8.1
22	20	18	19e	23	23e	22	15	24	254	15	9.5	8.6
23	24	18	18e	24	25	23	15	22	145	15	9.1	8.5
24	24	18	17e	26	26	28	16	19	47	14	9.3	8.7
25	24	18	17e	27	27	26	16	17	34	14	9.3	10
26	22	18	16e	27	25	22	16	16	29	13	8.8	9.8
27	21	18	16e	27	31	23	17	15	27	13	8.4	9.0
28	21	18	17e	24	36	30	16	14	25	12	8.2	8.6
29	21	18	17e	23	---	20	15	13	23	12	7.9	8.5
30	23	17	17e	23	---	20	15	12	21	11	8.1	8.3
31	25	---	17e	23	---	17	---	12	---	11	8.0	---
TOTAL	501.9	590	507	632	718	1197	516	490	1541	599	338.6	240.7
MEAN	16.3	19.7	16.5	20.4	25.6	38.6	17.2	15.8	51.4	19.3	10.9	8.0
MAX	25	30	19	27	36	128	24	24	254	36	24	10
MIN	9.9	16	14	16	21	17	15	12	12	11	7.9	7.2
AC-FT	996	1170	1006	1254	1424	2374	1023	972	3057	1188	672	477
CAL YEAR 2009	TOTAL		5119	MEAN	14.0	MAX	31.0	MIN	7.4	AC-FT	10150	
WTR YEAR 2010	TOTAL		7871	MEAN	21.6	MAX	254.0	MIN	7.2	AC-FT	15610	

e indicates estimated discharge.

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23310	23780	8505	6345	6138	5872	5713	6086	6004	6316	6180	6016
2	23250	23450	8271	6339	6127	5883	5713	6074	6057	6286	6168	6004
3	23200	23000	8081	6327	6127	5912	5702	6057	6033	6262	6180	5952
4	23160	22460	7926	6316	6127	5935	5702	6045	6004	6250	6191	5912
5	23160	21820	7820	6316	6138	5952	5713	6016	5975	6327	6221	5883
6	23250	21190	7728	6316	6127	6045	5730	5993	5935	6327	6274	5872
7	23250	20580	7636	6304	6109	6304	5861	5993	5912	6387	6304	5821
8	23230	19940	7565	6262	6109	6316	5872	5964	5912	6399	6327	5781
9	23230	19320	7487	6250	6074	6387	5901	5935	5883	6411	6345	5741
10	23230	18680	7384	6221	6057	6441	5924	5924	5843	6399	6357	5730
11	23240	18090	7295	6209	6033	6387	5964	5935	5826	6441	6357	5713
12	23250	17490	7206	6191	6033	6274	5993	5901	5861	6411	6327	5730
13	23250	16870	7124	6191	6033	6274	5993	5901	6033	6411	6304	5741
14	23340	16230	7036	6191	6033	6274	6045	5883	7048	6399	6274	5713
15	23380	15590	6936	6191	6004	6262	6057	5872	7124	6387	6233	5713
16	23380	14990	6936	6191	5952	6221	6074	5912	7105	6387	6209	5730
17	23380	14360	6763	6209	5935	6150	6074	5912	7225	6304	6221	5730
18	23400	13740	6689	6209	5924	6097	6074	5912	7295	6262	6250	5741
19	23430	13140	6622	6209	5924	6016	6057	5912	7282	6221	6262	5764
20	23430	12540	6537	6221	5918	5964	6074	6016	7206	6191	6286	5781
21	23490	11910	6465	6221	5912	5883	6074	6045	7237	6168	6304	5804
22	23720	11300	6399	6221	5912	5832	6074	6086	7461	6138	6310	5821
23	23780	10680	6327	6233	5901	5781	6097	6109	7578	6127	6316	5832
24	23780	10270	6345	6233	5872	5781	6109	6127	7461	6138	6316	5861
25	23830	9954	6345	6221	5861	5764	6109	6138	7161	6150	6274	5872
26	23890	9705	6345	6209	5843	5752	6109	6127	7004	6168	6250	5883
27	23890	9452	6327	6209	5843	5741	6097	6109	6831	6180	6209	5901
28	23920	9217	6345	6191	5861	6292	6097	6097	6677	6191	6168	5912
29	24010	8979	6357	6168	---	6280	6109	6074	6549	6191	6127	5924
30	24210	8751	6357	6168	---	6292	6097	6057	6441	6209	6086	5901
31	24050	---	6357	6150	---	5713	---	6028	---	6221	6074	---
MEAN	23490	15580	7017	6233	5997	6067	5974	6008	6599	6279	6249	5826
MAX	24210	23780	8505	6345	6138	6441	6109	6138	7578	6441	6357	6016
MIN	23160	8751	6327	6150	5843	5713	5702	5872	5826	6127	6074	5713
CAL YEAR 2009	MEAN	23940	MAX	29140	MIN	6327						
WTR YEAR 2010	MEAN	8463	MAX	24210	MIN	5702						

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 2010												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.0e	164e	168	33	32e	35	24	28	29	53	22	23
2	4.0e	268	158	33	32e	34	23	27	37	26	17	24
3	4.0e	299	122	32	32	34	20	27	45	26	4.9	24
4	4.0e	344	114	32	34	34	20	26	45	27	5.0	21
5	4.0e	364	86	31e	34	35	21	26	45	28	4.9	21
6	4.0e	357	85	31e	35	35	22	27	45	26	4.8	21
7	4.0e	353	86	31e	35	71	24	27	45	28	4.6	23
8	4.0e	351	86	31e	34	117	22	27	46	34	4.3	22
9	4.0e	347	86	31e	34	131	26	28	45	40	4.3	23
10	4.0e	342	86	30e	34	144	26	28	43	40	4.3	17
11	4.0e	335	86	30e	34	143	26	28	43	39	11	2.4
12	4.0e	344	85	30e	34	107	26	29	45	38	21	2.3
13	4.0e	363	85	30e	34	76	26	29	69	38	22	8.7
14	4.0e	359	84	30e	34	76	27	29	164	38	22	21
15	4.0e	357	84	31e	35	75	26	29	126	37	22	14
16	4.0e	355	84	31e	35	74	26	30	90	37	23	2.6
17	4.0e	352	83	31e	35	75	26	29	90	37	14	2.0
18	4.0e	348	83	31e	34	75	26	29	90	37	3.7	2.0
19	4.0e	346	83	31e	34	75	26	30	91	32	3.4	1.9
20	4.0e	356	83	31e	34	75	26	30	90	27	3.2	2.0
21	4.0e	365	83	31e	35	72	26	29	133	27	3.1	1.8
22	4.0e	360	83	31e	35	62	26	29	189	26	3.1	1.8
23	4.0e	321	66	31e	35	42	26	29	257	16	3.0	1.8
24	4.0e	195	26	31e	35	33	25	31	256	4.5	11	1.9
25	4.0e	175	26	32e	35	33	25	31	191	4.4	20	1.7
26	4.0e	160	26	32e	34	33	24	31	131	4.3	20	1.7
27	4.0e	161	26	32e	34	34	24	30	130	4.2	20	1.5
28	4.0e	163	26	32e	34	34	23	30	115	4.2	21	1.4
29	4.0e	165	31	32e	---	28	23	30	88	4.2	21	7.5
30	4.0e	166	34	32e	---	22	25	30	88	4.3	22	22
31	60e	---	33	32e	---	23	---	29	---	13	23	---
TOTAL	180	8935	2377	969	956	1937	736	892	2901	800.1	388.6	321
MEAN	5.8	297.8	76.7	31.2	34.2	62.4	24.5	28.8	96.7	25.9	12.5	10.7
MAX	60	365	168	33	35	144	27	31	257	53	23	24
MIN	4.0	160	26	30	32	22	20	26	29	4.2	3.0	1.4
AC-FT	357	17720	4715	1922	1896	3842	1460	1769	5754	1587	771	637
CAL YEAR 2009	TOTAL		15637	MEAN	45.5	MAX	365.0	MIN	1.7	AC-FT	31020	
WTR YEAR 2010	TOTAL		21393	MEAN	58.6	MAX	365.0	MIN	1.4	AC-FT	42430	

e indicates estimated discharge.

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 2010

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2010.

CAL YEAR 2009 MAX 71.0 MIN 0.000 AC-FT 5165
 WTR YEAR 2010

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	30	36	48	28
2	---	---	---	---	---	---	---	---	33	36	48	23
3	---	---	---	---	---	---	---	43	36	36	45	20
4	---	---	---	---	---	---	---	41	36	36	32	20
5	---	---	---	---	---	---	---	41	36	31	26	20
6	---	---	---	---	---	---	---	36	37	24	25	19
7	---	---	---	---	---	---	---	28	37	21	25	8.8
8	---	---	---	---	---	---	---	25	37	21	25	0.00
9	---	---	---	---	---	---	---	25	37	26	25	0.00
10	---	---	---	---	---	---	---	25	36	28	25	0.00
11	---	---	---	---	---	---	---	25	36	29	30	0.00
12	---	---	---	---	---	---	---	25	36	36	33	0.00
13	---	---	---	---	---	---	---	25	36	46	40	0.00
14	---	---	---	---	---	---	---	25	37	48	45	0.00
15	---	---	---	---	---	---	---	25	38	48	44	0.00
16	---	---	---	---	---	---	---	24	37	48	44	0.00
17	---	---	---	---	---	---	---	24	36	47	31	0.00
18	---	---	---	---	---	---	---	29	36	47	23	0.00
19	---	---	---	---	---	---	---	31	36	47	23	0.00
20	---	---	---	---	---	---	---	31	36	47	24	0.00
21	---	---	---	---	---	---	---	31	36	47	24	0.00
22	---	---	---	---	---	---	---	31	36	44	24	0.00
23	---	---	---	---	---	---	---	31	36	41	24	0.00
24	---	---	---	---	---	---	---	31	36	41	24	0.00
25	---	---	---	---	---	---	---	31	37	41	30	0.00
26	---	---	---	---	---	---	---	31	37	45	34	0.00
27	---	---	---	---	---	---	---	31	36	47	38	0.00
28	---	---	---	---	---	---	---	31	36	47	38	0.00
29	---	---	---	---	---	---	---	31	36	48	38	0.00
30	---	---	---	---	---	---	---	30	36	48	38	0.00
31	---	---	---	---	---	---	---	30	---	48	33	---
TOTAL	0	0	0	0	0	0	0	867	1081	1235	1006	138.8
MEAN	---	---	---	---	---	---	---	30.0	36.0	39.8	32.4	4.6
MAX	---	---	---	---	---	---	---	43	38	48	48	28
MIN	---	---	---	---	---	---	---	24	30	21	23	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1720	2144	2450	1995	275
CAL YEAR 2009	MAX	54.0	MIN	0.000	AC-FT	10710						
WTR YEAR 2010	MAX	48.0	MIN	0.000	AC-FT	8584						

REPUBLICAN RIVER BASIN

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 526 cubic feet per second July 12, gage height 13.01 feet; minimum daily discharge 5.3 cubic feet per second September 28.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.9	8.6	7.3	7.6	7.6	6.0	9.3	7.1	6.4	6.7	5.6	5.9
2	7.4	8.3	7.4	7.5e	7.6	6.2	9.2	7.3	6.4	7.0	5.5	5.7
3	7.2	8.5	7.5	7.5e	7.6	8.3	9.0	7.0	6.6	7.2	5.6	5.8
4	7.3	8.7	7.3	7.4e	7.8	6.2	9.0	7.1	6.3	7.4	6.4	5.7
5	7.4	8.4	7.1	7.3e	7.8	6.4	8.7	6.9	6.3	8.9	5.1	5.7
6	7.5	8.5	7.2	7.1e	7.4	4.5	8.9	7.0	6.2	7.8	7.0	5.6
7	7.4	8.6	7.0e	7.0e	7.4	9.5	11	7.0	6.6	11	7.4	5.5
8	7.8	8.9	7.0e	7.2e	7.3	7.7	9.8	6.9	7.8	8.2	6.8	5.5
9	7.6	8.7	7.1e	7.4	6.9	2.7	8.9	6.9	7.3	7.0	6.6	5.8
10	7.7	8.4	7.0e	7.7	7.0	1.2	8.5	6.9	7.0	7.0	6.6	6.1
11	7.4	8.5	7.2e	7.9	7.2	9.2	8.3	7.0	7.3	7.2	6.6	5.9
12	7.5	8.4	7.1e	7.9	7.1	9.5	8.4	6.9	38	110	6.3	5.8
13	7.3	8.3	7.2e	8.1	7.3	9.3	8.5	6.9	84	15	6.3	5.8
14	7.5	7.8	7.1e	8.2	9.1	9.2	9.2	6.9	65	9.6	6.2	5.8
15	7.4	7.9	7.2e	8.0	7.1	9.1	8.9	6.8	9.8	8.5	6.1	5.8
16	7.3	7.7	7.2e	7.9	6.5	9.1	8.5	7.1	8.6	8.6	6.2	6.0
17	7.5	7.8	7.3e	7.9	6.4	9.2	8.2	7.1	8.6	8.6	3.2	5.7
18	7.9	7.4	7.5e	8.0	6.6	9.3	8.4	6.9	7.9	7.7	7.4	5.7
19	7.9	7.8	7.6	8.0	6.6	9.5	8.2	7.4	7.5	7.5	6.6	5.8
20	8.0	7.5	7.6	7.8	6.5	9.4	8.2	8.1	7.8	7.1	6.4	5.8
21	8.3	7.4	7.6	7.9	6.6	9.7	7.8	7.4	18	7.9	6.3	5.9
22	9.0	7.4	7.6	7.8	6.4	10	7.0	7.0	8.0	8.2	6.2	5.7
23	8.9	7.5	7.7	7.6	6.2	10.0	7.3	6.8	6.9	8.3	6.0	8.2
24	7.8	7.5	7.5	7.6	6.2	9.6	7.5	6.9	6.7	8.4	6.0	7.7
25	8.6	7.3	7.4e	7.3	6.4	9.4	7.2	6.8	6.5	6.6	5.9	5.5
26	8.6	7.2	7.3e	7.2	6.8	8.8	7.1	6.7	6.4	6.3	5.9	5.4
27	8.3	6.9	7.5e	7.3	9.0	9.2	7.1	6.6	6.4	6.3	5.9	5.4
28	8.5	6.9	7.7	7.3	8.0	9.1	7.2	6.6	6.3	6.3	5.9	5.3
29	8.6	7.2	7.7	7.4	---	9.2	7.2	6.5	6.8	6.3	5.9	5.4
30	8.9	7.0	7.8	7.2	---	9.3	7.1	6.4	7.3	6.1	5.8	5.4
31	8.4	---	7.7	7.5	---	9.2	---	6.3	---	5.6	5.9	---
TOTAL	243.8	237	228.4	235.5	200.4	330.6	249.6	215.2	390.7	344.3	327.3	175.3
MEAN	7.9	7.9	7.4	7.6	7.1	10.7	8.3	7.0	13.0	11.1	10.6	5.8
MAX	9.0	8.9	7.8	8.2	9.1	4.5	11	8.1	84	110	7.0	8.2
MIN	6.9	6.9	7.0	7.0	6.2	6.0	7.0	6.3	6.2	5.6	5.5	5.3
AC-FT	484	470	453	467	397	656	495	427	775	683	649	348
CAL YEAR 2009	TOTAL		2554	MEAN	7.0	MAX	13.0	MIN	4.2	AC-FT	5067	
WTR YEAR 2010	TOTAL		3178	MEAN	8.7	MAX	110.0	MIN	5.3	AC-FT	6304	

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 757 cubic feet per second June 14, gage height 11.32 feet; minimum daily discharge 36 cubic feet per second September 13.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	70	54	53e	54	97	58	55	48	52	39	40
2	41	76	54	46e	54	80	57	54	49	51	38	40
3	40	71	55e	46e	55	87	56	53	50	50	38	38
4	40	66	56e	45e	56	92	56	53	50	52	38	38
5	41	63	58e	45e	57	86	56	53	48	64	38	38
6	42	59	54e	46e	57	196	57	53	47	76	283	39
7	43	57	51e	45e	57	278	64	54	47	80	124	38
8	45	55	48e	42e	57	136	74	53	52	83	83	38
9	44	54	48e	46e	57e	194	80	53	53	80	67	38
10	46	53	45e	50e	54e	307	75	54	52	75	58	38
11	45	51	45e	57e	56e	174	69	54	51	74	49	38
12	45	52	42e	69e	58	113	62	56	58	64	44	37
13	47	53	44e	73e	64	95	59	56	297	172	41	36
14	48	53	42e	78e	65e	83	62	55	687	81	40	37
15	50	52	42e	78e	62e	77	63	55	399	64	40	38
16	49	53	46e	73e	63	73	63	56	200	60	42	38
17	48	53	61e	83e	60	70	61	59	117	54	79	38
18	47	53	66e	75e	55	68	60	61	89	52	78	38
19	47	52	69e	64e	53	66	59	64	77	50	66	39
20	47	52	71e	58e	54	64	58	67	71	49	59	39
21	49	52	75e	63e	55	64	59	71	96	48	53	39
22	60	53	69e	59	55	63	59	68	217	47	46	39
23	65	53	57e	60	56	62	62	64	136	47	43	40
24	71	53	47e	60	56	61	64	60	92	47	41	47
25	69	54	46e	60	54	61	64	56	74	45	40	50
26	63	54	47e	59	63	60	61	53	66	44	40	58
27	59	54	44e	57	85	60	58	52	62	43	39	64
28	56	55	46e	55	105	59	57	51	58	42	39	49
29	56	54	51e	56	---	59	57	50	56	41	38	43
30	60	54	47e	54	---	59	56	49	54	41	38	41
31	64	---	51e	54	---	60	---	48	---	41	39	---
TOTAL	1568	1684	1631	1809	1677	3104	1846	1740	3453	1869	1800	1233
MEAN	50.6	56.2	52.6	58.4	59.9	100.2	61.6	56.1	115.1	60.2	58.2	41.1
MAX	71	76	75	83	105	307	80	71	687	172	283	64
MIN	40	51	42	42	53	59	56	48	47	41	38	36
AC-FT	3110	3340	3235	3588	3326	6157	3661	3451	6849	3707	3570	2446
CAL YEAR 2009	TOTAL		18522	MEAN	50.7	MAX	214.0	MIN	31.0	AC-FT	36740	
WTR YEAR 2010	TOTAL		23414	MEAN	64.1	MAX	687.0	MIN	36.0	AC-FT	46440	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27300	30790	33700	33630	33810	34430	33430	36240	36350	39220	34740	30480
2	27320	30940	33740	33610	33790	34500	33430	36300	36410	39120	34410	30280
3	27360	31050	33760	33610	33810	34520	33400	36370	36350	39000	34190	30070
4	27390	31200	33790	33610	33850	34570	33380	36390	36330	38980	34030	29940
5	27430	31320	33790	33610	33920	34480	33360	36350	36320	39000	33900	29850
6	27600	31420	33790	33650	33940	34520	33360	36320	36260	38960	33940	29770
7	27600	31570	33760	33630	33940	34670	33610	36410	36200	38920	34280	29630
8	27730	31670	33740	33580	33970	34790	33600	36330	36350	38920	34300	29630
9	27790	31750	33760	33540	33950	34910	33720	36240	36370	38920	34320	29660
10	27880	31860	33720	33520	33920	35040	33880	36260	36390	38900	34210	29780
11	27940	31960	33680	33520	33950	35280	33990	36280	36410	38920	34060	29780
12	28000	32040	33680	33510	33950	35220	34140	36280	36560	38900	33740	29820
13	28100	32200	33670	33510	33990	34960	34230	36260	36870	38860	33380	29880
14	28230	32250	33630	33510	34030	34760	34480	36260	37650	39020	33170	29930
15	28330	32350	33610	33520	34030	34500	34570	36220	38580	38940	32910	29990
16	28440	32420	33610	33520	34040	34230	34680	36260	38580	38940	32640	30040
17	28530	32520	33610	33560	34030	33700	34780	36280	39410	38660	32800	30100
18	28590	32610	33610	33560	34030	33610	34870	36280	39430	38480	32780	30150
19	28690	32700	33600	33600	34060	33600	34980	36320	39410	38300	32750	30200
20	28780	32800	33600	33630	34080	33560	35090	36510	39390	38060	32710	30280
21	28950	32850	33610	33650	34140	33490	35200	36530	39570	37790	32640	30320
22	29360	32940	33630	33670	34140	33420	35310	36540	39670	37510	32540	30360
23	29500	33060	33670	33720	34150	33450	35480	36580	39810	37360	32420	30450
24	29560	33150	33720	33740	34150	33470	35630	36540	39810	37180	32280	30500
25	29710	33240	33740	33770	34140	33450	35710	36620	39770	36830	32060	30580
26	29880	33330	33670	33770	34150	33430	35780	36600	39710	36720	31820	30630
27	29990	33420	33610	33770	34190	33470	35860	36560	39650	36430	31600	30710
28	30100	33490	33610	33770	34300	33470	35940	36530	39530	36110	31440	30840
29	30280	33600	33610	33770	---	33450	36050	36510	39430	35760	31200	30910
30	30570	33680	33630	33790	---	33470	36160	36490	39320	35410	30960	30970
31	30660	---	33630	33790	---	33470	---	36390	---	35090	30740	---
MEAN	28630	32340	33680	33630	34020	34120	34600	36390	38060	38040	33000	30180
MAX	30660	33680	33790	33790	34300	35280	36160	36620	39810	39220	34740	30970
MIN	27300	30790	33600	33510	33790	33420	33360	36220	36200	35090	30740	29630
CAL YEAR 2009	MEAN	32600		MAX	36850		MIN	25380				
WTR YEAR 2010	MEAN	33890		MAX	39810		MIN	27300				

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 and estimated records are poor.

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 228 cubic feet per second March 8, gage height 3.07 feet;
minimum daily discharge 0.01 cubic feet per second October 1, 3, April 26 - 29.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.01	5.6	45	49	52	60	60	0.21	53	79	218	164
2	0.06	4.6	30	50	52	73	60	0.14	55	76	215	137
3	0.01	1.5	1.4	50	52	75	61	13	54	74	194	100
4	0.05	1.1	29	50	53	115	62	47	53	73	118	87
5	0.36	0.99	50	50	52	137	62	47	54	75	44	87
6	0.58	0.99	50	50	52	139	63	47	56	74	55	87
7	0.17	1.1	50	50	52	188	49	47	44	74	106	47
8	0.20	1.2	50	50	52	225	5.0	47	34	73	106	1.6
9	0.40	1.4	50	50	52	225	0.75	47	34	72	106	1.0
10	0.74	1.3	50	50	53	225	0.27	47	35	71	121	0.79
11	1.1	1.1	50	50	53	225	0.11	47	35	72	183	0.66
12	1.3	0.97	50	50	53	225	0.09	47	34	72	220	0.60
13	1.6	1.0	50	50	53	225	0.05	47	36	72	176	0.60
14	1.8	1.2	50	50	53	224	0.21	48	49	91	155	0.62
15	1.8	1.4	50	50	53	224	0.11	49	68	127	161	0.54
16	1.8	1.7	50	50	53	224	0.13	49	81	111	178	0.45
17	1.9	1.7	50	50	53	147	0.44	49	85	121	141	0.41
18	1.9	1.2	49	50	53	100	0.42	49	85	135	111	0.40
19	2.0	1.0	49	50	53	95	0.22	49	90	162	106	0.44
20	1.9	1.4	49	50	53	93	0.07	49	87	203	94	0.47
21	1.3	1.8	49	51	53	92	0.02	49	93	204	94	0.40
22	1.7	4.0	49	52	53	77	0.03	49	96	177	94	0.37
23	1.1	7.5	49	52	54	56	0.13	49	100	147	103	0.38
24	0.80	4.9	49	52	54	56	0.09	49	98	145	132	0.34
25	1.0	1.5	50	52	53	57	0.02	49	98	146	154	0.32
26	1.3	1.5	49	52	52	58	0.01	50	96	174	147	0.30
27	0.93	1.7	49	52	52	58	0.01	50	93	203	115	0.31
28	0.76	1.8	49	52	52	58	0.01	51	89	208	121	0.36
29	1.3	1.9	49	52	---	59	0.01	52	86	219	140	0.47
30	3.7	24	49	52	---	60	0.06	52	83	218	171	0.74
31	5.1	---	49	53	---	60	---	52	---	218	171	---
TOTAL	38.67	83.05	1442.4	1571	1475	3935	425.26	1377.35	2054	3966	4250	721.57
MEAN	1.3	2.8	46.6	50.9	52.7	126.9	14.2	44.3	68.5	127.9	137.1	24.1
MAX	5.1	24	50	53	54	225	63	52	100	219	220	164
MIN	0.01	0.97	1.4	49	52	56	0.01	0.14	34	71	44	0.30
AC-FT	77	165	2861	3116	2926	7805	843	2732	4074	7866	8430	1431
CAL YEAR 2009	TOTAL		18376	MEAN	50.3	MAX	242.0	MIN	0.010	AC-FT	36450	
WTR YEAR 2010	TOTAL		21339	MEAN	58.5	MAX	225.0	MIN	0.010	AC-FT	42330	

REPUBLICAN RIVER BASIN

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	84	93	196	135
2	---	---	---	---	---	---	---	0.00	85	93	196	123
3	---	---	---	---	---	---	---	0.00	82	94	173	88
4	---	---	---	---	---	---	---	0.00	80	93	109	73
5	---	---	---	---	---	---	---	0.00	80	80	86	74
6	---	---	---	---	---	---	---	0.00	81	73	86	73
7	---	---	---	---	---	---	---	0.00	81	76	87	25
8	---	---	---	---	---	---	---	0.00	83	81	86	0.00
9	---	---	---	---	---	---	---	0.00	85	84	86	0.00
10	---	---	---	---	---	---	---	0.00	84	84	102	0.00
11	---	---	---	---	---	---	---	0.00	83	84	146	0.00
12	---	---	---	---	---	---	---	0.00	84	98	184	0.00
13	---	---	---	---	---	---	---	0.00	79	118	158	0.00
14	---	---	---	---	---	---	---	0.00	81	138	138	0.00
15	---	---	---	---	---	---	---	0.00	83	158	138	0.00
16	---	---	---	---	---	---	---	0.00	82	162	152	0.00
17	---	---	---	---	---	---	---	14	82	162	122	0.00
18	---	---	---	---	---	---	---	88	83	158	103	0.00
19	---	---	---	---	---	---	---	69	84	179	105	0.00
20	---	---	---	---	---	---	---	68	84	201	104	0.00
21	---	---	---	---	---	---	---	70	85	197	103	0.00
22	---	---	---	---	---	---	---	70	83	174	102	0.00
23	---	---	---	---	---	---	---	71	84	147	102	0.00
24	---	---	---	---	---	---	---	73	84	139	118	0.00
25	---	---	---	---	---	---	---	73	83	137	139	0.00
26	---	---	---	---	---	---	---	81	82	152	147	0.00
27	---	---	---	---	---	---	---	83	82	172	118	0.00
28	---	---	---	---	---	---	---	83	83	187	104	0.00
29	---	---	---	---	---	---	---	83	83	199	105	0.00
30	---	---	---	---	---	---	---	84	90	199	125	0.00
31	---	---	---	---	---	---	---	84	---	196	135	---
TOTAL	0	0	0	0	0	0	0	1094	2489	4208	3855	591
MEAN	---	---	---	---	---	---	---	35.3	83.0	135.8	124.4	19.7
MAX	---	---	---	---	---	---	---	88	90	201	196	135
MIN	---	---	---	---	---	---	---	0.00	79	73	86	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2170	4937	8346	7646	1172
CAL YEAR 2009	MAX	211.0	MIN	0.000	AC-FT	23970						
WTR YEAR 2010	MAX	201.0	MIN	0.000	AC-FT	24270						

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 2,187.36 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 fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 260 cubic feet per second March 10, gage height 10.12 feet; minimum daily discharge 3.0 cubic feet per second October 1.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.0	6.0	5.3	5.0e	4.4e	13	6.0	6.7	5.4	4.9	3.9	4.4
2	3.1	5.5	5.5	4.9e	4.5e	12	5.9	6.4	5.9	4.7	4.2	4.5
3	3.5	5.0	5.1e	4.8e	4.5e	12	5.6	6.1	6.1	4.7	11	3.5
4	3.6	4.7	4.8e	4.8e	4.8e	13	5.6	6.0	5.9	4.8	4.9	3.5
5	3.6	4.7	5.0e	4.6e	4.8e	14	5.5	5.7	5.6	6.3	10	3.6
6	3.9	4.6	5.0e	4.6e	4.7e	27	5.9	5.7	5.5	6.1	9.2	3.4
7	3.6	4.6	4.9e	4.6e	4.7e	81	7.6	6.2	6.1	5.2	24	3.3
8	3.9	4.6	5.1e	4.9e	4.7e	38	7.2	6.0	7.0	5.0	11	3.5
9	4.0	4.4	5.1e	5.6e	4.7e	66	6.4	5.9	6.8	4.8	5.4	3.5
10	4.3	4.4	5.0e	6.1e	4.6e	210	5.8	5.9	6.5	4.6	3.6	3.6
11	4.6	4.5	5.1e	6.5e	4.4e	56	5.6	6.0	7.2	4.9	3.3	3.3
12	5.0	4.7	5.1e	7.0e	4.2e	20	5.7	6.2	78	4.7	3.3	3.2
13	5.4	4.8	5.0e	7.5e	4.6e	13	5.7	6.2	150	7.2	3.7	3.2
14	6.1	4.6	5.0e	8.1e	6.0e	10	6.9	5.9	158	18	3.3	3.3
15	6.2	4.5	5.1e	8.0e	6.9e	9.4	7.1	5.9	84	8.2	3.3	3.6
16	6.4	4.4	5.1e	7.4e	7.1e	8.8	6.6	6.4	25	5.3	3.1	3.7
17	6.7	4.4	5.2e	6.8e	6.9e	8.5	6.5	6.5	11	4.6	25	3.5
18	6.2	4.4	5.1e	5.8e	6.2e	8.1	6.3	6.1	7.2	4.3	91	3.3
19	6.5	4.5	5.3e	5.3e	4.8e	7.8	6.4	6.3	6.8	4.3	24	3.7
20	6.8	4.6	5.3e	5.1e	4.3e	7.6	6.7	7.2	7.0	4.2	7.3	3.8
21	8.7	4.6	5.3e	4.7e	4.2e	7.3	6.9	6.9	145	4.3	4.9	3.5
22	23	4.8	5.1e	4.5e	4.2e	7.2	7.7	6.6	184	4.3	4.2	3.4
23	11	4.7	5.2e	4.4e	4.2e	7.1	11	6.3	73	4.4	4.1	3.5
24	5.9	4.8	5.1e	4.1e	4.1e	6.9	9.1	6.2	11	4.3	4.0	3.6
25	4.3	4.8	5.4e	4.0e	4.4e	6.5	7.8	6.3	7.8	4.1	3.9	3.8
26	3.6	4.9	5.5e	3.9e	4.9e	6.4	7.2	6.3	6.8	4.1	3.8	3.9
27	3.8	5.1	5.6e	3.9e	6.3e	6.7	6.9	5.7	6.3	4.0	3.9	3.9
28	4.6	5.2	5.6e	4.0e	8.9	6.5	6.4	5.7	5.9	3.9	3.7	3.6
29	5.5	5.2	5.5e	4.0e	---	6.3	6.6	5.6	5.5	3.9	3.3	3.3
30	7.9	5.2	5.3e	4.1e	---	6.2	6.8	5.7	5.2	3.9	3.5	3.6
31	6.9	---	5.0e	4.3e	---	6.2	---	5.5	---	4.0	3.5	---
TOTAL	181.6	143.2	160.7	163.3	143	708.5	201.4	190.1	1045.5	162	297.3	107.5
MEAN	5.8	4.8	5.2	5.3	5.1	22.9	6.7	6.1	34.9	5.2	9.6	3.6
MAX	23	6.0	5.6	8.1	8.9	210	11	7.2	184	18	91	4.5
MIN	3.0	4.4	4.8	3.9	4.1	6.2	5.5	5.5	5.2	3.9	3.1	3.2
AC-FT	360	284	319	324	284	1405	399	377	2074	321	590	213
CAL YEAR 2009	TOTAL		2061	MEAN	5.6	MAX	105.0	MIN	2.3	AC-FT	4088	
WTR YEAR 2010	TOTAL		3504	MEAN	9.6	MAX	210.0	MIN	3.0	AC-FT	6950	

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 515 cubic feet per second June 21, gage height 10.42 feet; minimum daily discharge 4.5 cubic feet per second October 3.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.6	9.8	6.8	7.4e	8.5e	13	8.4	8.4	7.5	9.0	7.9	7.6
2	4.6	9.4	6.7	7.2e	8.5e	15	8.2	8.3	7.8	9.0	7.8	7.5
3	4.5	9.1	6.8	7.0e	8.5	14	8.2	8.1	7.8	8.9	10	7.1
4	4.9	8.8	6.7	7.2e	8.8	14	8.2	8.1	7.7	9.0	14	6.9
5	5.3	8.5	6.7	7.3e	9.1	16	8.3	8.0	7.4	11	12	6.8
6	5.6	8.4	6.7	7.3e	9.5	18	8.6	7.8	7.3	10	17	6.6
7	5.7	8.7	6.8	7.5e	9.4	53	9.9	8.1	7.4	9.9	28	6.3
8	5.5	8.4	6.7e	7.8e	9.1e	43	9.8	8.1	8.5	9.4	24	12
9	5.7	8.4	6.8e	8.2e	9.0e	37	9.1	8.0	8.1	9.6	14	6.3
10	5.8	8.2	6.9e	8.5e	8.9e	187	8.6	8.1	7.6	9.5	9.2	6.1
11	6.0	8.1	7.0e	8.8e	9.0e	79	8.3	8.3	7.7	9.3	8.6	5.9
12	6.5	8.1	7.3e	9.4e	9.0e	24	8.2	8.2	34	9.4	7.9	5.7
13	6.6	8.1	7.5e	10	9.4e	14	8.0	8.3	129	9.4	7.7	5.7
14	7.1	8.0	7.7e	11	9.9e	12	8.6	8.1	137	19	7.5	5.7
15	7.1	7.9	7.7e	12	9.7e	11	8.9	7.8	101	14	7.3	5.9
16	6.9	7.7	7.9e	11	10e	10.0	8.8	7.9	33	11	7.6	6.0
17	6.7	7.6	8.0e	9.9	10e	9.5	8.4	8.3	15	9.3	23	5.8
18	6.8	7.5	8.1e	9.7	10e	9.0	8.4	8.1	11	8.8	77	5.7
19	6.7	7.4	7.9e	9.1	10.0e	8.6	8.2	8.2	9.8	8.6	47	5.8
20	6.8	7.4	8.0e	8.7	9.9e	8.4	8.2	8.7	10	8.6	21	5.8
21	7.7	7.3	7.8e	8.9	9.8e	8.2	8.3	8.8	147	8.6	15	5.6
22	26	7.2	7.6e	8.6	10e	8.2	8.5	8.4	287	8.9	13	5.4
23	20	7.3	7.6e	8.6	10e	8.3	11	8.0	45	8.9	12	5.4
24	12	7.3	7.1e	8.6e	10e	8.1	10	7.9	18	8.7	10	5.4
25	9.7	7.2	6.8e	8.4e	10e	8.1	9.1	8.0	13	8.5	9.2	5.2
26	8.7	7.1	6.8e	8.5e	10	8.0	8.4	8.0	12	8.4	7.7	5.2
27	8.2	7.0	7.0e	8.3e	11	8.4	8.1	7.9	11	8.3	7.5	5.2
28	8.3	7.0	7.1e	8.3e	12	8.2	8.1	7.7	11	8.2	7.3	5.2
29	9.1	6.9	7.3e	8.5e	---	8.1	8.1	7.5	9.8	8.1	7.2	5.0
30	10	6.9	7.3e	8.4e	---	8.2	8.5	7.5	9.2	8.1	7.3	5.0
31	11	---	7.5e	8.3e	---	8.4	---	7.5	---	8.1	7.4	---
TOTAL	250.1	236.7	224.6	268.4	269	685.7	259.4	250.1	1127.6	295.5	462.1	183.8
MEAN	8.1	7.9	7.3	8.7	9.7	22.1	8.6	8.1	37.6	9.5	14.9	6.1
MAX	26	9.8	8.1	12	12	187	11	8.8	287	19	77	12
MIN	4.5	6.9	6.7	7.0	8.5	8.0	8.0	7.5	7.3	8.1	7.2	5.0
AC-FT	496	469	445	532	534	1360	515	496	2237	586	917	365
CAL YEAR 2009	TOTAL		3336	MEAN	9.1	MAX	286.0	MIN	4.1	AC-FT	6616	
WTR YEAR 2010	TOTAL		4513	MEAN	12.4	MAX	287.0	MIN	4.5	AC-FT	8951	

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 296 cubic feet per second June 22, gage height 9.06 feet; minimum daily discharge 10 cubic feet per second September 4, 7 - 8, 12 - 13.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	18	15	19e	18	20	19	20	19	19	14	11
2	11	16	16	16e	18	20	19	19	19	19	15	11
3	11	15	15e	14e	18	21	19	19	19	19	17	11
4	11	15	15e	16e	20	21	19	19	20	20	20	10
5	11	15	15e	16e	21	21	18	18	19	23	16	11
6	12	15	15e	16e	20	35	19	18	18	24	15	11
7	12	15	13e	14e	20	25	23	19	19	19	15	10
8	11	14	13e	16e	20e	23	20	18	36	19	15	10
9	11	14	13e	16e	17e	99	19	18	25	20	15	11
10	12	14	12e	17e	19e	77	19	18	19	19	16	11
11	12	14	12e	19e	20e	34	18	19	20	19	16	11
12	12	15	13e	20e	20e	32	18	19	72	42	15	10
13	13	15	13e	21e	20e	25	18	19	57	49	15	10
14	14	14	13e	20e	20e	24	20	19	53	21	14	11
15	13	14	14e	19e	20e	23	19	19	26	18	14	12
16	13	14	14e	18	20e	22	18	19	21	18	13	12
17	12	14	16e	19	20e	22	18	20	21	18	30	12
18	12	14	17e	18	20	22	18	19	19	18	29	12
19	12	14	18e	19	20	22	18	20	19	18	16	12
20	12	14	19e	19	19	21	18	23	20	16	15	12
21	14	14	19e	20	20	21	18	21	111	17	14	12
22	39	15	18	20	20	21	19	20	152	19	14	12
23	41	14	17e	20	19	21	28	20	138	17	13	12
24	21	14	18e	20	20	20	24	20	42	17	13	12
25	15	15	17e	19	19	20	20	20	27	17	13	12
26	14	15	16e	19	20	20	19	20	23	16	13	12
27	14	14	16e	18	21	21	19	19	22	15	13	12
28	14	14	18e	18	20	20	20	19	21	15	14	12
29	16	14	18e	17	---	20	19	19	20	14	12	12
30	25	14	18e	18	---	20	20	20	19	14	11	12
31	25	---	18e	18	---	19	---	20	---	14	11	---
TOTAL	476	436	484	559	549	832	583	600	1116	613	476	341
MEAN	15.4	14.6	15.7	18.0	19.6	26.8	19.4	19.4	37.3	19.7	15.3	11.4
MAX	41	18	19	21	21	99	28	23	152	49	30	12
MIN	11	14	12	14	17	19	18	18	18	14	11	10
AC-FT	944	865	960	1109	1089	1650	1156	1190	2214	1216	944	676
CAL YEAR 2009	TOTAL		6078	MEAN	16.7	MAX	73.0	MIN	9.2	AC-FT	12050	
WTR YEAR 2010	TOTAL		7065	MEAN	19.4	MAX	152.0	MIN	10.0	AC-FT	14010	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

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 good, 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 244 cubic feet per second June 22, gage height 7.84 feet; minimum daily discharge 9.0 cubic feet per estimated December 15.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	22	17	16e	21e	19	20	19	17	20	13	10
2	11	18	17	14e	21e	19	20	18	18	19	13	9.9
3	11	17	17	12e	21e	20	20	18	18	19	17	9.8
4	11	17	17	12e	21e	20	20	18	18	20	26	9.5
5	11	17	16e	13e	23e	20	20	18	19	21	17	9.3
6	12	17	14e	13e	23e	26	20	17	18	24	14	9.9
7	13	17	13e	12e	22e	26	22	18	18	20	14	9.5
8	12	17	12e	13e	20e	21	23	18	28	19	14	9.6
9	11	16	11e	14e	19e	48	21	17	29	19	14	10
10	11	16	9.5e	16e	19e	89	20	18	21	19	14	10
11	12	16	10e	19e	20e	35	20	18	20	19	14	11
12	13	17	10e	24e	21e	31	20	18	46	19	14	10
13	14	17	9.8e	25e	22e	24	20	18	61	56	13	11
14	16	17	9.1e	26e	24e	22	21	18	49	27	13	11
15	18	16	9.0e	25e	21e	22	23	18	33	20	13	11
16	16	16	12e	24e	22	21	21	18	24	19	12	12
17	13	16	15e	24e	34	21	20	19	22	19	16	11
18	13	17	17e	24e	41	21	20	18	22	19	28	11
19	13	16	18e	24e	28	21	20	18	21	19	16	11
20	13	16	18e	24e	26	21	19	20	22	18	14	12
21	13	16	19e	23e	22	20	20	20	46	18	13	12
22	29	17	18e	21e	21	21	19	19	177	19	12	12
23	39	16	14e	24e	23	21	24	18	114	19	12	12
24	25	16	13e	24e	25	21	26	18	71	18	12	12
25	18	16	13e	23e	26	20	20	18	34	18	12	12
26	16	16	12e	21e	20	20	19	18	29	17	11	12
27	16	16	11e	22e	20	21	19	18	26	16	12	12
28	16	17	15e	21e	20	21	19	18	25	16	12	12
29	17	17	15e	21e	---	20	19	16	23	15	11	12
30	23	17	13e	22e	---	21	19	16	21	14	9.7	12
31	26	---	16e	22e	---	21	---	17	---	14	9.8	---
TOTAL	493	502	430.4	618	646	774	614	558	1090	619	435.5	328.5
MEAN	15.9	16.8	13.9	19.9	23.0	25.0	20.5	18.0	36.3	19.9	14.1	10.9
MAX	39	22	19	26	41	89	26	20	177	56	28	12
MIN	11	16	9.0	12	19	19	19	16	17	14	9.7	9.3
AC-FT	978	996	854	1226	1281	1535	1218	1107	2162	1228	864	652
CAL YEAR 2009 TOTAL			5966	MEAN	16.3	MAX	47.0	MIN	9.0	AC-FT	11830	
WTR YEAR 2010 TOTAL			7108	MEAN	19.5	MAX	177.0	MIN	9.0	AC-FT	14100	

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 17 cubic feet per second August 5, gage height 3.63 feet;
minimum daily discharge 0.39 cubic feet per second October 1.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.39	3.3	1.9	2.2e	1.1	2.2	3.1	2.9	1.9	3.0	0.46	1.0
2	0.54	3.1	1.9	2.0e	1.0e	2.2	3.5	2.8	2.1	2.7	0.46	1.1
3	0.54	2.9	1.7	1.7e	0.97	2.5	2.9	2.7	2.2	2.5	0.53	0.99
4	0.61	2.7	2.0	1.9e	1.1	2.7	2.6	2.6	2.1	2.3	11	0.89
5	0.69	2.8	2.0	1.9e	1.2	3.1	2.5	2.5	1.9	3.7	14	0.88
6	0.81	2.8	2.0	1.9e	1.1	3.7	2.7	2.6	1.5	3.5	5.6	0.75
7	0.76	2.5	1.9e	1.8e	1.1	3.2	4.5	3.1	1.5	2.8	2.5	0.79
8	0.71	2.2	1.8e	1.6e	1.2	3.2	3.9	3.1	4.3	2.6	1.8	0.76
9	0.69	2.1	1.8e	1.8e	1.1e	6.2	3.4	3.2	3.2	2.5	1.5	0.87
10	0.79	1.6	1.5e	2.1e	1.2	4.8	3.3	3.1	2.5	2.2	1.4	0.95
11	0.86	1.6	1.9e	2.4e	1.1	4.2	3.1	3.2	2.4	1.8	1.2	0.89
12	1.0	1.9	1.8e	2.3e	1.1	4.2	3.2	2.9	3.6	1.5	1.0	0.83
13	1.1	1.8	1.6e	2.4e	1.0	4.1	3.2	2.8	5.9	1.4	0.95	0.70
14	1.2	1.7	1.4e	2.6e	1.5	4.0	3.8	2.6	7.4	1.2	0.89	0.63
15	1.1	1.7	1.2e	2.5e	1.4	4.0	3.1	2.6	5.5	1.1	0.93	0.86
16	1.00	1.7	1.4e	2.6e	1.1	3.9	2.7	2.5	4.8	1.0	0.97	0.79
17	0.92	1.7	1.8e	2.5e	1.0e	3.8	2.3	2.4	4.4	0.95	1.4	0.71
18	0.92	1.7	2.2e	2.5e	0.99	3.8	2.3	2.2	3.8	0.86	1.4	0.67
19	0.93	1.7	2.4e	2.5	1.0	4.0	2.0	2.6	4.3	0.83	1.2	0.66
20	1.0	1.7	2.6e	1.8	1.1	3.9	2.0	2.9	4.2	0.92	1.2	0.65
21	2.1	1.6	2.4e	1.5	1.2e	3.7	2.0	2.6	7.3	0.89	1.1	0.66
22	6.4	1.7	2.2e	1.6	1.3	3.7	2.5	2.7	7.7	0.87	0.93	0.60
23	4.6	1.7	1.9e	2.2	1.3e	3.7	5.6	2.4	6.8	0.92	0.87	0.59
24	2.4	1.6	1.6e	1.9	1.4e	3.5	3.8	2.3	5.9	0.83	0.79	0.60
25	1.8	1.6	1.5e	1.9	1.7	3.3	3.6	2.0	5.4	0.76	0.78	0.59
26	2.0	1.6	1.6e	1.6e	1.5	3.4	3.1	2.0	4.9	0.68	0.74	0.68
27	2.1	1.8	1.6e	1.2	1.9	3.6	2.8	1.9	4.6	0.63	0.73	0.65
28	2.5	1.8	1.8e	1.3e	2.1	3.4	2.7	2.0	4.2	0.55	0.78	0.63
29	3.1	1.8	2.1e	1.4	---	3.3	2.8	2.0	3.9	0.53	0.67	0.60
30	4.7	1.8	2.1e	1.5	---	3.3	3.2	2.1	3.4	0.53	0.68	0.62
31	4.1	---	2.2e	1.3e	---	3.7	---	1.9	---	0.45	0.69	---
TOTAL	52.36	60.2	57.8	60.4	34.76	112.3	92.2	79.2	123.6	47	59.15	22.59
MEAN	1.7	2.0	1.9	2.0	1.2	3.6	3.1	2.6	4.1	1.5	1.9	0.75
MAX	6.4	3.3	2.6	2.6	2.1	6.2	5.6	3.2	7.7	3.7	14	1.1
MIN	0.39	1.6	1.2	1.2	0.97	2.2	2.0	1.9	1.5	0.45	0.46	0.59
AC-FT	104	119	115	120	69	223	183	157	245	93	117	45
CAL YEAR 2009	TOTAL		582	MEAN	1.6	MAX	10.0	MIN	0.27	AC-FT	1154	
WTR YEAR 2010	TOTAL		802	MEAN	2.2	MAX	14.0	MIN	0.39	AC-FT	1590	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	286700	292500	306600	319400	325000	340800	335200	336500	333600	368600	327600	309700
2	286400	292900	307100	319200	325500	341300	334500	335500	332900	368000	327600	309200
3	285300	292900	307800	318900	326100	342000	332900	335100	331600	367700	325300	308700
4	284500	293500	308200	318900	326800	342400	331600	334400	331900	367100	326300	307900
5	284400	293600	308400	318600	327700	342700	330400	333700	331900	367100	326200	307200
6	286000	294100	309200	318800	328600	343500	330700	332200	331800	366500	326600	306700
7	286000	294900	309300	319000	329300	342700	330900	333400	332000	366500	326800	306000
8	285000	295400	309300	319000	329600	342000	331400	332700	333400	366100	326800	305100
9	285300	295900	310700	319200	330300	342700	331400	332300	333400	364900	326300	304800
10	285300	296600	310700	319200	330500	342300	330800	331900	334100	363400	325000	304400
11	285200	297200	310700	319200	331100	342000	331100	333000	334000	362200	324200	303800
12	285200	298000	310800	319200	331600	341700	330900	333400	339700	360500	323100	303400
13	285000	298900	311200	319200	332200	340800	331100	334100	344200	359000	322200	303400
14	285500	298900	311700	319300	333000	340200	331800	334100	347200	357500	320800	302900
15	285800	298800	312000	319300	333400	340800	333800	334100	348700	355600	320000	302800
16	285800	298800	312000	319400	333700	338500	334500	335100	349300	355600	318900	303400
17	285900	298800	313100	319600	334100	337700	334500	335600	348900	351500	318500	303100
18	285900	298600	313500	319700	334700	336600	334300	335600	348200	350000	317800	303000
19	286200	298600	314000	319900	335100	336600	334000	335400	349800	348300	316800	303100
20	286200	298500	314400	320100	335800	334500	333700	337600	348400	346700	316200	303300
21	286400	299000	314900	320400	336500	333200	333600	337700	349600	346700	315800	303300
22	288300	299800	315400	320500	337300	332000	333300	337700	350700	343800	315000	303100
23	288800	300700	316200	321200	337900	331500	333300	337700	356800	342300	314100	303500
24	288800	302000	317200	321500	338100	331400	337700	337700	360000	340500	316100	303900
25	289300	302600	318200	321600	338500	331200	339200	339000	362600	338500	315700	303800
26	289700	303700	318500	321700	339100	331500	339800	338800	364200	336900	315000	303900
27	289700	303900	318900	321700	340100	332600	339000	337700	366100	334800	314200	303500
28	289700	304700	319000	322800	340800	333600	337400	336900	365800	332700	313300	303700
29	290800	305400	319300	323500	---	334300	337600	335900	367700	331200	312100	303500
30	292300	306000	319600	324300	---	334700	337600	335200	368700	330000	312100	304100
31	292100	---	319600	325000	---	336200	---	334800	---	329500	310700	---
MEAN	287000	298500	313100	320300	332900	337900	333900	335300	346600	352300	319900	304600
MAX	292300	306000	319600	325000	340800	343500	339800	339000	368700	368600	327600	309700
MIN	284400	292500	306600	318600	325000	331200	330400	331900	331600	329500	310700	302800
CAL YEAR 2009	MEAN	313000	MAX	337600	MIN	284400						
WTR YEAR 2010	MEAN	323500	MAX	368700	MIN	284400						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	4.3	3.4
2	---	---	---	---	---	---	---	---	---	0.00	6.0	0.00
3	---	---	---	---	---	---	---	---	---	0.00	11	0.00
4	---	---	---	---	---	---	---	---	---	0.00	4.2	0.00
5	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.00	3.1	0.00
9	---	---	---	---	---	---	---	---	---	0.00	8.9	0.00
10	---	---	---	---	---	---	---	---	---	0.00	8.9	0.00
11	---	---	---	---	---	---	---	---	---	0.00	8.9	0.00
12	---	---	---	---	---	---	---	---	---	4.4	8.9	0.00
13	---	---	---	---	---	---	---	---	---	11	8.9	0.00
14	---	---	---	---	---	---	---	---	---	11	8.9	0.00
15	---	---	---	---	---	---	---	---	---	11	8.9	0.00
16	---	---	---	---	---	---	---	---	---	11	8.8	0.00
17	---	---	---	---	---	---	---	---	---	8.2	12	0.00
18	---	---	---	---	---	---	---	---	---	7.9	14	0.00
19	---	---	---	---	---	---	---	---	---	8.8	11	0.00
20	---	---	---	---	---	---	---	---	---	9.8	9.0	0.00
21	---	---	---	---	---	---	---	---	---	6.2	9.0	0.00
22	---	---	---	---	---	---	---	---	---	0.00	8.9	0.00
23	---	---	---	---	---	---	---	---	---	0.00	8.9	0.00
24	---	---	---	---	---	---	---	---	---	0.00	3.4	0.00
25	---	---	---	---	---	---	---	---	---	3.6	0.00	0.00
26	---	---	---	---	---	---	---	---	---	11	0.00	0.00
27	---	---	---	---	---	---	---	---	---	11	0.00	0.00
28	---	---	---	---	---	---	---	---	---	11	0.00	0.00
29	---	---	---	---	---	---	---	---	---	11	0.00	0.00
30	---	---	---	---	---	---	---	---	---	11	5.5	0.00
31	---	---	---	---	---	---	---	---	---	11	8.6	---
TOTAL	0	0	0	0	0	0	0	0	0	158.9	190	3.4
MEAN	---	---	---	---	---	---	---	---	---	5.0	6.1	0.11
MAX	---	---	---	---	---	---	---	---	---	11	14	3.4
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	315	377	6.7
CAL YEAR 2009	MAX	17.0	MIN	0.000	AC-FT	1099						
WTR YEAR 2010	MAX	14.0	MIN	0.000	AC-FT	699						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	209	109
2	---	---	---	---	---	---	---	---	---	0.00	209	24
3	---	---	---	---	---	---	---	---	---	0.00	208	0.00
4	---	---	---	---	---	---	---	---	---	0.00	153	0.00
5	---	---	---	---	---	---	---	---	---	0.00	42	0.00
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.00	94	0.00
9	---	---	---	---	---	---	---	---	---	0.00	166	0.00
10	---	---	---	---	---	---	---	---	---	0.00	201	0.00
11	---	---	---	---	---	---	---	---	---	0.00	211	0.00
12	---	---	---	---	---	---	---	---	---	0.00	210	0.00
13	---	---	---	---	---	---	---	---	---	99	181	0.00
14	---	---	---	---	---	---	---	---	---	135	160	0.00
15	---	---	---	---	---	---	---	---	---	175	160	0.00
16	---	---	---	---	---	---	---	---	---	175	170	0.00
17	---	---	---	---	---	---	---	---	---	147	181	0.00
18	---	---	---	---	---	---	---	---	---	95	180	0.00
19	---	---	---	---	---	---	---	---	---	108	180	0.00
20	---	---	---	---	---	---	---	---	---	118	169	0.00
21	---	---	---	---	---	---	---	---	---	118	162	0.00
22	---	---	---	---	---	---	---	---	---	98	162	0.00
23	---	---	---	---	---	---	---	---	---	87	162	0.00
24	---	---	---	---	---	---	---	---	---	86	100	0.00
25	---	---	---	---	---	---	---	---	---	104	12	0.00
26	---	---	---	---	---	---	---	---	---	149	0.00	0.00
27	---	---	---	---	---	---	---	---	---	170	0.00	0.00
28	---	---	---	---	---	---	---	---	---	183	73	0.00
29	---	---	---	---	---	---	---	---	---	200	148	0.00
30	---	---	---	---	---	---	---	---	---	210	147	0.00
31	---	---	---	---	---	---	---	---	---	209	147	---
TOTAL	0	0	0	0	0	0	0	0	0	2666	4197	133
MEAN	---	---	---	---	---	---	---	---	---	86.0	135.5	4.4
MAX	---	---	---	---	---	---	---	---	---	210	211	109
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	5288	8325	264
CAL YEAR 2009	MAX	230.0	MIN	0.000	AC-FT	23240						
WTR YEAR 2010	MAX	211.0	MIN	0.000	AC-FT	13880						

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 good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 361 cubic feet per second June 22, gage height 6.55 feet; minimum daily discharge 5.3 cubic feet per second October 1.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.3	9.1	8.2	7.8e	9.1	9.1	9.4	11	14	16	11	11
2	5.6	9.0	7.7e	7.5e	9.0	9.3	9.6	11	13	15	11	13
3	6.0	8.8	7.6e	8.1e	8.9	9.3	9.8	10	12	15	11	9.6
4	6.3	8.7	8.1e	8.2e	9.0	8.9	10	10	13	15	19	8.9
5	6.5	8.8	7.8e	7.8e	8.4e	9.1	11	9.9	11	15	27	8.7
6	7.2	8.7	7.2e	7.3e	7.8e	9.8	11	9.9	11	13	21	8.3
7	6.7	8.7	7.2e	7.2e	8.4	9.3	12	11	13	13	14	8.0
8	6.9	8.8	7.1e	6.5e	7.9e	10.0	11	11	52	13	11	8.0
9	7.5	8.4	7.0e	6.1e	8.0e	12	11	11	53	13	10	8.2
10	7.4	8.4	6.4e	6.4e	7.4e	11	11	12	35	12	10	8.3
11	7.9	8.5	7.0e	6.7e	7.8e	10	11	11	21	12	10	7.5
12	8.2	8.3	7.4e	7.0e	7.9e	13	11	16	115	13	10	7.1
13	8.4	8.3	7.3e	7.4e	7.8e	11	12	12	51	12	9.3	7.2
14	8.6	8.3	7.0e	8.3e	7.4e	10	16	11	40	12	9.5	7.3
15	8.5	8.2	6.8e	8.5e	7.0e	10.0	26	11	97	12	11	7.9
16	8.2	7.8	7.4e	9.4e	7.5e	9.6	13	15	37	12	11	7.5
17	8.1	7.8	8.7e	9.3e	8.5e	9.6	12	15	24	49	11	7.6
18	8.0	7.9	8.6e	9.6e	8.9	9.7	12	13	19	16	10	7.4
19	8.2	8.0	8.4e	9.3e	8.9	9.7	11	20	20	14	9.5	7.7
20	8.0	7.8	8.9	9.3e	8.3e	9.9	11	46	16	14	10.0	7.9
21	8.8	7.7	8.8	9.4	8.0e	9.9	10	32	62	17	9.5	7.8
22	12	7.7	8.8	9.4	7.3e	9.6	14	22	272	16	9.1	7.7
23	9.5	7.8	7.7e	10	7.6e	9.4	69	19	130	15	10	8.3
24	9.0	8.0	8.0e	9.8	8.1e	9.3	29	17	48	14	40	7.7
25	9.0	8.1	8.4e	8.7e	8.4e	9.2	19	23	34	14	52	7.7
26	8.9	8.3	8.1e	8.6e	8.3e	9.3	15	29	28	13	28	7.7
27	8.8	8.5	8.6e	7.8e	9.1	10	13	19	26	13	20	7.9
28	8.7	8.6	8.9e	8.1e	9.1	9.7	13	16	21	12	15	7.9
29	9.4	8.3	8.5e	8.7e	---	9.6	12	15	19	12	13	7.8
30	10.0	8.3	8.6e	8.6e	---	9.5	12	15	18	12	11	7.8
31	9.2	---	8.3e	8.5e	---	9.4	---	14	---	11	10	---
TOTAL	250.8	249.6	244.5	255.3	229.8	305.2	446.8	497.8	1325	455	463.9	245.4
MEAN	8.1	8.3	7.9	8.2	8.2	9.9	14.9	16.0	44.2	14.7	15.0	8.2
MAX	12	9.1	8.9	10	9.1	13	69	46	272	49	52	13
MIN	5.3	7.7	6.4	6.1	7.0	8.9	9.4	9.9	11	11	9.1	7.1
AC-FT	497	495	485	506	456	605	886	987	2628	902	920	487
CAL YEAR 2009 TOTAL			3089	MEAN	8.5	MAX	42.0	MIN	4.6	AC-FT	6127	
WTR YEAR 2010 TOTAL			4969	MEAN	13.6	MAX	272.0	MIN	5.3	AC-FT	9856	

e indicates estimated discharge.

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 good, 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 502 cubic feet per second June 17, at gage height 5.99 feet; minimum daily discharge 0.85 cubic feet per second August 12.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.6	5.8	5.6	3.7e	4.9e	6.1	5.5	6.5	5.8	7.4	4.7	11
2	3.8	5.6	5.5	3.2e	5.3	5.9	5.5	6.5	5.9	7.2	4.6	5.8
3	4.1	5.7	5.1e	2.5e	5.3	5.9	5.6	6.5	5.8	7.0	5.3	5.2
4	4.2	5.4	5.0e	2.3e	5.5	5.9	5.5	6.4	7.5	7.5	61	5.0
5	4.4	5.4	5.3e	2.6e	5.5	5.9	5.5	6.4	5.5	7.0	69	4.6
6	5.1	5.2	5.4e	2.8e	5.4	6.0	5.4	6.5	5.4	6.7	17	4.3
7	4.9	5.0	4.9e	2.5e	5.5	5.9	5.7	6.6	6.2	8.1	4.8	4.2
8	4.8	4.9	5.4e	2.5e	5.6	6.0	5.6	6.7	33	6.5	4.7	4.1
9	4.9	4.8	5.1e	2.5e	3.7e	6.2	5.3	6.6	53	6.2	4.7	4.5
10	5.2	5.0	5.1e	2.6e	3.4e	8.9	5.1	6.8	15	5.9	3.7	4.0
11	5.5	5.3	5.4e	3.1e	3.5e	7.3	5.1	6.8	6.7	5.7	4.5	3.4
12	5.4	5.4	6.9e	3.4e	4.3e	6.0	5.0	6.8	74	7.3	5.6	3.2
13	5.3	5.4	9.6e	4.0e	4.3e	5.9	5.1	6.8	48	6.3	6.5	3.3
14	5.2	5.3	10e	3.9e	4.6e	5.8	5.9	6.5	22	4.6	5.7	3.3
15	5.1	5.3	5.0e	4.8	4.6e	5.7	6.1	6.4	11	5.2	5.8	3.6
16	4.9	5.5	3.7e	5.0	4.6e	5.7	5.9	6.6	15	4.9	5.4	3.4
17	4.8	5.8	5.3e	5.1	5.7e	5.7	5.8	6.5	8.8	227	5.9	3.5
18	4.9	6.1	4.0e	4.3e	5.8	5.7	5.7	6.3	8.4	64	5.8	3.6
19	4.9	6.1	4.5	3.9e	4.9e	5.8	5.6	7.1	9.1	27	5.6	3.8
20	4.8	6.0	4.5	4.1e	4.4e	5.8	5.6	32	8.8	6.4	5.9	3.8
21	5.4	6.0	4.4	3.9e	4.2e	5.8	5.5	26	27	6.8	5.4	3.5
22	8.0	5.7	3.7e	5.5	4.9e	5.7	6.5	7.0	773	6.5	5.3	3.5
23	5.7	5.8	3.5e	6.4	5.2e	5.6	83	6.5	165	5.9	9.3	3.9
24	5.6	5.9	3.2e	5.9	5.3e	5.6	20	6.5	19	6.0	136	3.7
25	5.6	6.1	3.3e	5.4e	5.5e	5.6	6.4	6.4	10	6.1	55	3.8
26	5.7	6.2	3.1e	4.5e	6.2	5.6	6.4	6.4	9.3	6.0	16	4.0
27	5.9	6.1	3.2e	4.1e	6.2	5.6	6.4	6.3	11	5.3	6.8	4.0
28	5.7	6.0	3.8e	3.8e	6.1	5.6	6.4	6.2	8.6	4.5	5.7	3.9
29	6.6	5.9	3.8e	3.7e	---	5.6	6.4	6.2	8.2	4.3	6.0	4.0
30	7.9	5.9	3.7e	4.3e	---	5.5	6.5	6.0	7.8	4.6	6.2	4.0
31	6.2	---	3.9e	4.9e	---	5.5	---	5.7	---	5.3	6.8	---
TOTAL	164.1	168.6	150.9	121.2	140.4	183.8	264	246.5	1393.8	489.2	494.7	125.9
MEAN	5.3	5.6	4.9	3.9	5.0	5.9	8.8	8.0	46.4	15.8	16.0	4.2
MAX	8.0	6.2	10	6.4	6.2	8.9	83	32	773	227	136	11
MIN	3.6	4.8	3.1	2.3	3.4	5.5	5.0	5.7	5.4	4.3	3.7	3.2
AC-FT	325	334	299	240	278	365	524	489	2765	970	981	250
CAL YEAR 2009	TOTAL		2097	MEAN	5.7	MAX	43.0	MIN	1.9	AC-FT	4160	
WTR YEAR 2010	TOTAL		3943	MEAN	10.8	MAX	773.0	MIN	2.3	AC-FT	7821	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	24	0.00
2	---	---	---	---	---	---	---	---	---	0.00	23	0.00
3	---	---	---	---	---	---	---	---	---	0.00	18	0.00
4	---	---	---	---	---	---	---	---	---	0.00	4.6	0.00
5	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	---	0.00	2.0	0.00
12	---	---	---	---	---	---	---	---	---	0.00	14	0.00
13	---	---	---	---	---	---	---	---	---	1.2	19	0.00
14	---	---	---	---	---	---	---	---	---	13	25	0.00
15	---	---	---	---	---	---	---	---	---	28	25	0.00
16	---	---	---	---	---	---	---	---	---	28	18	0.00
17	---	---	---	---	---	---	---	---	---	8.9	12	0.00
18	---	---	---	---	---	---	---	---	---	0.00	3.0	0.00
19	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
20	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
21	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
22	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
24	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
25	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
26	---	---	---	---	---	---	---	---	---	2.4	0.00	0.00
27	---	---	---	---	---	---	---	---	---	18	0.00	0.00
28	---	---	---	---	---	---	---	---	---	17	0.00	0.00
29	---	---	---	---	---	---	---	---	---	25	0.00	0.00
30	---	---	---	---	---	---	---	---	---	26	0.00	0.00
31	---	---	---	---	---	---	---	---	---	25	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	192.5	187.6	0
MEAN	---	---	---	---	---	---	---	---	---	6.2	6.0	0.000
MAX	---	---	---	---	---	---	---	---	---	28	25	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	382	372	0.00
CAL YEAR 2009	MAX	17.0	MIN	0.000	AC-FT	911						
WTR YEAR 2010	MAX	28.0	MIN	0.000	AC-FT	754						

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 good, 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 1,580 cubic feet per second July 17, gage height 7.39 feet; minimum daily discharge 26 cubic feet per second estimated January 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	30	46	53	56e	60e	53e	463	757	819	221	478	333
2	30	45	51e	41e	60e	61e	923	745	821	409	462	333
3	31	45	47e	38e	56e	56e	950	742	813	525	427	308
4	32	44	42e	37e	57e	59e	958	738	466	574	772	301
5	33	43	41e	39e	51e	60e	961	736	301	587	685	294
6	39	43	41e	39e	54e	164e	571	745	276	575	298	287
7	38	43	36e	39e	53e	508e	428	502	277	599	210	285
8	36	42	35e	32e	51e	694e	386	375	387	592	253	285
9	37	42	34e	26e	48e	775e	417	351	319	820	340	290
10	38	41	34e	34e	46e	898e	422	364	215	990	395	294
11	39	41	35e	39e	46e	1050e	419	357	296	1000	404	280
12	40	41	34e	43e	47e	1070	417	358	1080	1020	389	258
13	40	41	34e	54e	48e	1080	346	350	1170	1050	413	223
14	42	133	33e	72e	46e	1080	310	337	437	1000	337	206
15	40	342	35e	88e	45e	1090	379	334	472	989	325	161
16	39	377	40e	90e	45e	1100	348	343	579	981	322	110
17	38	393	46e	88e	47e	1120	434	344	840	1250	309	96
18	38	404	51e	82e	50e	1130	476	376	1010	1320	305	88
19	37	411	61e	91e	49e	1150	477	444	1050	1090	301	84
20	37	415	66e	102e	50e	1160	479	706	440	1050	294	83
21	40	272	70e	99e	50e	1170	477	650	699	1050	291	76
22	53	96	70e	103e	48e	1190	500	520	909	1040	286	73
23	55	77	62e	108e	47e	954	961	472	878	1010	323	77
24	49	69	60e	97e	47e	710	819	453	342	998	1070	78
25	45	64	57e	93e	48e	676	746	453	240	985	524	72
26	43	61	56e	91e	53e	363	788	744	200	972	399	69
27	43	59	58e	58e	53e	178	781	856	226	953	334	69
28	42	57	60e	35e	53e	143	779	838	238	944	313	67
29	45	55	60e	32e	---	120	769	828	236	675	325	65
30	51	54	60e	36e	---	108	768	832	229	518	328	61
31	48	---	58e	43e	---	101	---	826	---	497	300	---
TOTAL	1248	3896	1520	1925	1408	20071	17952	17476	16265	26284	12212	5306
MEAN	40.3	129.8	49.1	62.1	50.3	648.0	598.5	563.8	541.9	847.7	393.8	176.8
MAX	55	415	70	108	60	1190	961	856	1170	1320	1070	333
MIN	30	41	33	26	45	53	310	334	200	221	210	61
AC-FT	2475	7728	3015	3818	2793	39810	35610	34660	32260	52130	24220	10520
CAL YEAR 2009	TOTAL		56678	MEAN	155.3	MAX	607.0	MIN	30.0	AC-FT	112400	
WTR YEAR 2010	TOTAL		125563	MEAN	344.0	MAX	1320	MIN	26.0	AC-FT	249100	

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 good 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 2,310 cubic feet per second June 12, gage height 10.95 feet; minimum daily discharge 10 cubic feet per second estimated December 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	16	17	12e	17e	18	18	18	20	17	20	37
2	17	17	14e	11e	17	19	17	18	19	18	19	37
3	18	16	12e	11e	17	19	17	18	16	20	20	28
4	19	16	12e	11e	17e	20	17	18	16	24	214	17
5	19	17	14e	12e	18e	22	16	17	14	23	90	16
6	21	17	12e	12e	18e	101	17	17	12	22	47	15
7	19	17	11e	12e	18e	49	19	18	13	98	31	15
8	17e	18	11e	11e	17e	31	17	17	158	48	27	15
9	16e	19	10e	11e	16e	105	17	19	132	25	27	16
10	15e	18	11e	12e	16e	92	16	34	38	20	19	17
11	14e	19	11e	13e	16e	44	16	28	21	18	17	15
12	14e	19	12e	14e	16e	30	16	21	1210	23	18	14
13	13e	18	14e	15e	16e	22	16	20	333	21	18	15
14	13e	18	14e	16e	16e	20	17	19	256	23	17	31
15	14e	18	14e	17e	16e	20	16	18	115	19	16	18
16	14e	19	14e	18e	16e	20	15	19	65	19	18	16
17	14e	18	14e	18	17	20	14	18	35	60	19	15
18	14e	17	13e	18	17	20	14	18	22	93	18	15
19	14e	16	16e	18	17e	20	14	28	19	41	19	15
20	14	17	17e	18	16e	20	14	185	19	31	19	14
21	16	16	16e	19	15e	19	14	117	126	31	18	15
22	19	17	15e	19	15e	19	16	50	224	22	18	16
23	15	17	13e	24	15e	19	150	30	196	21	62	18
24	13	17	12e	22	15e	19	98	22	61	21	280	17
25	14	17	11e	19	16e	19	36	21	27	21	51	17
26	13	16	10e	18	17e	18	24	23	20	21	20	17
27	13	16	11e	16e	18	18	21	20	60	22	15	17
28	14	16	12e	15e	18	18	20	25	17	23	15	17
29	18	16	12e	15e	---	18	20	22	16	22	16	17
30	20	16	13e	15e	---	18	19	19	17	20	17	16
31	17	---	13e	16e	---	18	---	18	---	20	16	---
TOTAL	489	514	401	478	463	915	741	935	3297	907	1221	548
MEAN	15.8	17.1	13.0	15.5	16.5	29.5	24.7	30.1	109.9	29.2	39.4	18.3
MAX	21	19	17	24	18	105	150	185	1210	98	280	37
MIN	13	16	10	11	15	18	14	17	12	17	15	14
AC-FT	970	1020	795	948	918	1815	1470	1855	6540	1799	2422	1087
CAL YEAR 2009	TOTAL		7341	MEAN	20.1	MAX	494.0	MIN	9.7	AC-FT	14560	
WTR YEAR 2010	TOTAL		10909	MEAN	29.9	MAX	1210	MIN	10.0	AC-FT	21640	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

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 good, 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 1,510 cubic feet per second June 12, gage height 14.97 feet; minimum daily discharge 10 cubic feet per second October 1 - 5.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	13	13	13e	15	17	16	16	17	19	14	15
2	10	13	13	12e	15	18	16	16	17	19	14	96
3	10	14	13	12e	15	18	16	16	17	19	14	27
4	10	13	13	12e	15e	18	16	16	17	20	64	17
5	10	14	13	13e	15e	18	16	16	16	46	24	16
6	12	14	13e	13e	15e	79	16	16	16	26	16	15
7	11	14	13e	12e	15e	47	17	17	17	21	17	15
8	11	14	12e	12e	15e	22	16	16	20	20	15	15
9	11	14	12e	12e	15e	38	16	16	18	19	15	15
10	11	14	12e	13e	14e	72	16	17	18	18	14	16
11	11	14	12e	13e	14e	24	16	18	18	18	14	15
12	11	15	13e	14e	15e	19	16	17	584	18	14	15
13	11	14	13	14	15e	18	16	17	365	18	14	15
14	11	14	13e	14	15e	17	17	16	220	18	14	28
15	11	14	12e	14	15e	17	17	16	54	18	14	17
16	11	14	13e	14	15e	17	17	16	28	17	14	16
17	11	14	13	14	16e	17	16	16	30	18	14	16
18	11	14	13	14	16	17	16	16	24	17	14	15
19	12	14	13	14e	15e	17	16	17	23	17	14	15
20	12	13	13	14e	15e	17	16	21	24	17	14	15
21	13	13	13	14e	15e	17	16	19	151	17	14	15
22	17	14	13e	15e	15e	17	17	18	151	17	14	15
23	14	14	13e	17e	15e	16	37	17	58	16	14	15
24	13	14	13e	16	15e	16	22	16	29	16	15	15
25	13	13	13e	15	15e	16	18	17	24	16	14	15
26	12	13	13e	14e	16e	16	17	18	22	15	14	15
27	13	13	13e	14e	17e	19	17	17	21	15	14	14
28	13	13	13e	14e	17	18	16	16	24	15	14	14
29	14	13	13	14e	---	17	16	16	23	15	14	14
30	16	13	14	14e	---	17	16	36	20	14	14	14
31	14	---	13e	14e	---	16	---	19	---	14	14	---
TOTAL	370	410	399	424	425	712	516	541	2066	573	502	560
MEAN	11.9	13.7	12.8	13.7	15.2	22.9	17.3	17.6	68.8	18.5	16.2	18.8
MAX	17	15	14	17	17	79	37	36	584	46	64	96
MIN	10	13	12	12	14	16	16	16	16	14	14	14
AC-FT	734	813	791	841	843	1412	1023	1073	4098	1137	996	1111
CAL YEAR 2009 TOTAL			5218	MEAN	14.3	MAX	19.0	MIN	10.0	AC-FT	10350	
WTR YEAR 2010 TOTAL			7498	MEAN	20.5	MAX	584.0	MIN	10.0	AC-FT	14870	

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	62	100	---	---	---	---	---	0.00	25	148	287	403
2	61	87	---	---	---	---	---	0.00	25	182	287	396
3	62	20	---	---	---	---	---	0.00	25	199	283	375
4	64	0.00	---	---	---	---	---	0.00	25	201	294	362
5	73	0.00	---	---	---	---	---	0.00	25	202	296	359
6	75	0.00	---	---	---	---	---	0.00	25	202	234	360
7	73	0.00	---	---	---	---	---	0.00	25	202	205	367
8	71	0.00	---	---	---	---	---	0.00	25	204	200	376
9	71	0.00	---	---	---	---	---	0.00	69	231	201	384
10	70	0.00	---	---	---	---	---	0.00	90	247	240	382
11	72	0.00	---	---	---	---	---	0.00	63	248	277	361
12	74	0.00	---	---	---	---	---	0.00	48	250	299	337
13	78	0.00	---	---	---	---	---	0.00	50	259	291	324
14	81	0.00	---	---	---	---	---	0.00	47	251	279	177
15	80	0.00	---	---	---	---	---	0.00	47	249	278	---
16	79	0.00	---	---	---	---	---	0.00	48	248	285	---
17	77	0.00	---	---	---	---	---	0.00	48	249	289	---
18	77	0.00	---	---	---	---	---	0.00	49	243	292	---
19	78	0.00	---	---	---	---	---	0.00	49	252	310	---
20	79	0.00	---	---	---	---	---	0.00	49	257	318	---
21	98	0.00	---	---	---	---	---	0.00	48	257	318	---
22	112	0.00	---	---	---	---	---	0.00	78	254	320	---
23	106	0.00	---	---	---	---	---	0.00	97	255	325	---
24	102	0.00	---	---	---	---	---	0.00	93	254	341	---
25	93	0.00	---	---	---	---	---	0.00	115	254	371	---
26	87	0.00	---	---	---	---	---	0.00	125	253	383	---
27	86	0.00	---	---	---	---	---	0.00	125	289	386	---
28	91	0.00	---	---	---	---	---	0.00	126	314	382	---
29	105	0.00	---	---	---	---	---	0.00	124	319	368	---
30	110	0.00	---	---	---	---	---	0.00	124	294	394	---
31	105	---	---	---	---	---	---	0.00	---	285	383	---
TOTAL	2552	207	0	0	0	0	0	0	1912	7552	9416	4963
MEAN	82.3	6.9	---	---	---	---	---	0.000	63.8	243.6	303.7	354.5
MAX	112	100	---	---	---	---	---	0.00	126	319	394	403
MIN	61	0.00	---	---	---	---	---	0.00	25	148	200	177
AC-FT	5062	411	0.00	0.00	0.00	0.00	0.00	0.00	3792	14980	18680	9844
CAL YEAR 2009	MAX	319.0	MIN	0.000	AC-FT	51650						
WTR YEAR 2010	MAX	403.0	MIN	0.000	AC-FT	52760						

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 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	82	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	78	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	76	0.00
4	---	---	---	---	---	---	---	---	0.00	0.00	65	0.00
5	---	---	---	---	---	---	---	---	0.00	0.00	59	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	57	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	57	0.00
8	---	---	---	---	---	---	---	---	0.00	0.00	57	0.00
9	---	---	---	---	---	---	---	---	0.00	32	71	0.00
10	---	---	---	---	---	---	---	---	0.00	50	71	0.00
11	---	---	---	---	---	---	---	---	0.00	52	79	0.00
12	---	---	---	---	---	---	---	---	0.00	53	83	0.00
13	---	---	---	---	---	---	---	---	0.00	60	79	0.00
14	---	---	---	---	---	---	---	---	0.00	64	72	0.00
15	---	---	---	---	---	---	---	---	0.00	66	70	0.00
16	---	---	---	---	---	---	---	---	0.00	86	62	0.00
17	---	---	---	---	---	---	---	---	0.00	79	53	0.00
18	---	---	---	---	---	---	---	---	0.00	69	53	0.00
19	---	---	---	---	---	---	---	---	0.00	70	53	0.00
20	---	---	---	---	---	---	---	---	0.00	70	53	0.00
21	---	---	---	---	---	---	---	---	0.00	70	52	0.00
22	---	---	---	---	---	---	---	---	0.00	70	52	0.00
23	---	---	---	---	---	---	---	---	0.00	70	53	0.00
24	---	---	---	---	---	---	---	---	0.00	70	49	0.00
25	---	---	---	---	---	---	---	---	0.00	70	35	0.00
26	---	---	---	---	---	---	---	---	0.00	70	28	0.00
27	---	---	---	---	---	---	---	---	0.00	74	27	0.00
28	---	---	---	---	---	---	---	---	0.00	78	27	0.00
29	---	---	---	---	---	---	---	---	0.00	77	25	0.00
30	---	---	---	---	---	---	---	---	0.00	74	27	0.00
31	---	---	---	---	---	---	---	---	---	82	12	---
TOTAL	0	0	0	0	0	0	0	0	0	1556	1717	0
MEAN	---	---	---	---	---	---	---	---	0.000	50.2	55.3	0.000
MAX	---	---	---	---	---	---	---	---	0.00	86	83	0.00
MIN	---	---	---	---	---	---	---	---	0.00	0.00	12	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3086	3406	0.00
CAL YEAR 2009	MAX	79.0	MIN	0.000	AC-FT	6329						
WTR YEAR 2010	MAX	86.0	MIN	0.000	AC-FT	6492						

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 - present 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 5,070 cubic feet per second June 13, gage height 12.51 feet; minimum daily discharge 0.38 cubic feet per second October 5.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.39	1.2	101	138e	169	149	240	730	796	355	252	97
2	0.41	1.3	100	192e	169	126	650	712	804	317	238	189
3	0.44	20	96	233e	169	136	936	695	801	504	229	130
4	0.44	48	100	256e	167	138	970	682	757	584	641	82
5	0.40	48	90	264e	171	144	982	654	460	655	819	68
6	0.38	51	98	256e	171	330	928	641	396	606	376	56
7	0.39	51	89e	268e	174	635	544	634	382	605	197	45
8	0.46	51	71e	222e	173	775	487	414	472	696	126	45
9	0.47	51	47e	184e	167	988	465	380	649	535	152	45
10	0.42	74	66e	180e	171	1190	487	384	410	719	212	49
11	0.45	54	71e	160e	137	1170	481	451	340	762	189	45
12	0.58	54	110e	162e	173	1180	480	412	2060	864	156	43
13	0.61	52	87e	148e	161	1180	472	407	3980	874	179	43
14	0.52	51	45e	163e	159	1180	419	390	2340	824	175	178
15	0.45	150	51e	190e	145	1180	417	382	1350	781	137	239
16	0.44	342	90e	199e	159	1190	464	384	1090	762	137	220
17	0.45	380	66e	168e	165	1180	427	396	1010	846	144	184
18	0.48	414	69e	101e	165	1190	508	388	1340	1460	135	168
19	0.53	430	123e	144e	154	1190	513	446	1360	1080	110	160
20	0.57	437	140e	155e	144	1200	510	663	1220	861	98	153
21	0.73	435	162e	142e	139	1190	508	985	1250	829	93	148
22	0.83	254	95e	141e	144	1190	520	706	2070	813	92	142
23	0.74	143	78e	154e	134	1180	950	579	1830	752	90	142
24	0.82	120	74e	152e	143	801	1290	528	1060	709	474	142
25	0.82	109	51e	136e	150	680	829	513	650	677	497	136
26	0.84	102	104e	146e	157	620	833	566	492	660	194	131
27	0.90	101	106e	126e	153	399	799	861	452	610	106	127
28	0.95	100	178e	63e	150	332	783	841	512	572	64	125
29	1.2	100	183e	57e	---	288	777	814	431	528	49	122
30	1.2	101	177e	64e	---	265	752	910	396	314	91	115
31	1.2	---	146e	109e	---	251	---	856	---	271	102	---
TOTAL	19.51	4325.5	3064	5073	4433	23647	19421	18404	31160	21425	6554	3569
MEAN	0.63	144.2	98.9	163.6	158.3	762.4	647.6	593.7	1039	691.1	211.4	119.0
MAX	1.2	437	183	268	174	1200	1290	985	3980	1460	819	239
MIN	0.38	1.2	45	57	134	126	240	380	340	271	49	43
AC-FT	39	8580	6077	10060	8793	46900	38520	36500	61800	42500	13000	7079
CAL YEAR 2009	TOTAL		53117	MEAN	145.5	MAX	682.0	MIN	0.38	AC-FT	105400	
WTR YEAR 2010	TOTAL		141095	MEAN	386.6	MAX	3980	MIN	0.38	AC-FT	279900	

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 fair, except estimated records and records of less than 1 cubic foot per second 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 1,260 cubic feet per second June 21, gage height 7.94 feet; minimum daily discharge 0.07 cubic foot per second September 19.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.18	1.1	0.58e	0.33e	0.37e	4.2e	3.5	2.1	0.81	22	3.8	0.79
2	0.31	1.7	0.49e	0.32e	0.37e	8.2e	3.4	2.2	1.0	17	2.4	0.79
3	0.46	0.84	0.45e	0.31e	0.36e	16e	3.2	2.5	1.0	12	2.2	0.78
4	0.81	0.34	0.44e	0.27e	0.43e	34e	3.0	3.0	2.4	11	2.6	1.3
5	1.3	0.37	0.44e	0.26e	0.42e	54e	2.8	2.9	7.6	8.9	1.8	1.2
6	1.6	0.30	0.44e	0.29e	0.42e	82e	2.7	2.9	2.6	8.6	3.1	0.54
7	0.85	0.31	0.42e	0.22e	0.42e	103e	3.5	2.5	4.1	8.3	3.3	0.38
8	0.81	0.45	0.44e	0.24e	0.41e	130e	3.2	2.2	20	6.4	3.3	0.41
9	0.99	0.53	0.35e	0.25e	0.37e	230e	2.3	2.3	7.6	5.5	2.8	0.20
10	1.5	0.54	0.31e	0.27e	0.39e	499e	2.6	2.3	8.9	5.1	2.3	0.31
11	1.9	0.48	0.38e	0.24e	0.42e	670e	8.0	2.4	19	13	2.4	0.19
12	2.3	0.48	0.43e	0.24e	0.49e	569e	9.1	3.8	40	22	2.2	0.16
13	2.3	0.50	0.38e	0.26e	0.56e	432e	2.6	3.1	29	17	2.3	0.26
14	1.8	0.47	0.34e	0.29e	0.59e	152	2.2	2.9	36	14	2.9	0.46
15	1.4	0.44	0.38e	0.31e	0.59e	69	2.2	3.1	61	17	2.0	0.27
16	1.0	0.40	0.36e	0.31e	1.1e	46	2.1	2.0	44	7.0	2.5	0.09
17	0.08	0.32	0.34e	0.38e	1.3e	34	2.0	1.8	30	6.3	7.2	0.22
18	0.13	0.29	0.35e	0.41e	1.5e	27	2.0	1.0	24	4.9	13	0.25
19	0.17	0.28	0.36e	0.39e	2.2e	26	1.9	1.1	20	3.9	19	0.07
20	0.25	0.23	0.44e	0.42e	2.5e	29	2.2	1.3	27	6.1	5.1	0.20
21	0.66	0.24	0.44e	0.40e	2.7e	19	3.1	1.2	868	4.5	2.7	0.20
22	19	0.20	0.48e	0.43e	2.7e	11	2.6	1.4	386	5.3	1.7	0.33
23	47	0.19	0.44e	0.40e	2.5e	8.5	12	1.2	361	8.1	1.5	0.38
24	20	0.43	0.43e	0.44e	2.5e	6.9	7.6	1.3	663	7.4	53	0.33
25	8.0	0.25	0.44e	0.39e	2.9e	5.7	9.4	1.5	821	7.1	4.3	1.1
26	2.6	0.35	0.40e	0.40e	3.6e	5.0	6.2	1.2	397	5.6	2.2	0.47
27	1.1	0.36	0.41e	0.31e	4.1e	4.9	4.6	0.99	116	4.9	2.2	0.27
28	0.53	0.54e	0.44e	0.37e	4.1e	4.5	3.3	0.78	55	4.4	1.4	0.49
29	0.30	0.51e	0.41e	0.32e	---	4.2	2.8	0.80	38	4.7	1.1	0.71
30	2.3	0.53e	0.47e	0.34e	---	4.2	2.7	0.72	29	4.4	0.89	0.78
31	1.8	---	0.42e	0.34e	---	3.8	---	0.68	---	3.6	0.95	---
TOTAL	123.43	13.97	12.9	10.15	40.31	3292.1	118.8	59.17	4120.01	276	158.14	13.93
MEAN	4.0	0.47	0.42	0.33	1.4	106.3	4.0	1.9	137.4	8.9	5.1	0.47
MAX	47	1.7	0.58	0.44	4.1	670	12	3.8	868	22	53	1.3
MIN	0.08	0.19	0.31	0.22	0.36	3.8	1.9	0.68	0.81	3.6	0.89	0.07
AC-FT	245	28	26	20	80	6530	236	117	8172	547	314	28
CAL YEAR 2009	TOTAL		2795	MEAN	7.7	MAX	208.0	MIN	0.010	AC-FT	5543	
WTR YEAR 2010	TOTAL		8239	MEAN	22.6	MAX	868.0	MIN	0.070	AC-FT	16340	

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 2,080 cubic feet per second June 23, gage height 18.36 feet; minimum daily discharge 7.0 cubic feet per second estimated December 7 - January 3 & January 6 - 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	23	15	12e	18e	28e	32	32	28	89	37	22
2	15	21	15	12e	18e	29e	31	31	30	77	36	22
3	15	20	14e	12e	20e	31e	29	30	28	70	36	20
4	16	19	14e	13e	21e	32e	29	29	28	70	37	19
5	16	19	14e	13e	20e	37e	29	29	28	65	35	19
6	17	18	13e	12e	21e	111e	29	28	28	60	33	18
7	16	18	12e	12e	22e	273e	31	29	28	57	35	18
8	16	18	12e	12e	22e	356e	36	28	31	55	34	17
9	17	18	12e	12e	20e	550e	31	27	34	52	33	18
10	17	17	12e	13e	20e	729e	30	28	31	53	34	18
11	17	17	12e	13e	20e	742e	29	29	29	107	30	17
12	17	17	13e	13e	22e	609	29	29	31	60	31	17
13	17	17	13e	13e	24e	463	33	32	30	56	27	17
14	17	17	12e	14e	22e	406	33	30	84	56	27	17
15	18	17	12e	15e	21e	277	31	28	51	727	27	16
16	18	16	12e	15e	21e	135	32	29	36	549	27	16
17	18	16	13e	15e	22e	81	30	36	34	188	29	16
18	18	16	13e	15e	23e	61	29	33	35	99	30	16
19	18	16	14e	15e	24e	52	29	32	51	67	28	15
20	18	16	14e	15e	23e	45	29	33	57	101	28	16
21	18	16	14e	15e	23e	41	30	34	648	73	26	16
22	24	16	14e	16e	24e	39	30	31	1330	103	26	16
23	45	16	14e	17e	23e	37	33	30	1930	83	27	16
24	38	16	14e	17e	22e	35	37	29	1480	62	31	16
25	31	16	12e	18e	24e	33	38	31	1410	50	26	16
26	26	15	12e	17e	25e	33	34	30	1310	46	24	16
27	22	16	12e	17e	26e	33	34	29	1020	45	23	16
28	21	16	12e	17e	26e	34	33	30	682	46	22	16
29	24	15	12e	17e	---	33	32	30	295	46	21	16
30	43	15	12e	18e	---	35	32	29	118	42	26	16
31	27	---	12e	18e	---	34	---	28	---	39	25	---
TOTAL	655	513	401	453	617	5434	944	933	10955	3293	911	514
MEAN	21.1	17.1	12.9	14.7	22.0	175.3	31.4	30.1	365.1	106.3	29.4	17.1
MAX	45	23	15	18	26	742	38	36	1930	727	37	22
MIN	15	15	12	12	18	28	29	27	28	39	21	15
AC-FT	1299	1018	795	899	1224	10780	1872	1851	21730	6532	1807	1020
CAL YEAR 2009 TOTAL			10974	MEAN	30.1	MAX	547.0	MIN	12.0	AC-FT	21770	
WTR YEAR 2010 TOTAL			25623	MEAN	70.2	MAX	1930	MIN	12.0	AC-FT	50820	

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 fair, 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 2,700 cubic feet per second June 23, gage height 17.01 feet; minimum daily discharge 21 cubic feet per second estimated December 9.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	102	29	33e	47e	68e	97	85	57	136	82	53
2	33	76	27e	33e	48e	70e	93	82	65	113	75	51
3	33	64	24e	34e	50e	73e	89	78	71	100	68	48
4	36	57	24e	36e	52e	80e	86	74	76	100	65	46
5	38	51	26e	35e	53e	135e	84	71	67	94	61	46
6	47	48	26e	37e	55e	429e	85	69	158	92	60	44
7	48	46	23e	37e	54e	642e	89	73	144	88	63	41
8	48	43	22e	38e	48e	840e	105	69	107	84	65	40
9	54	42	21e	40e	48e	1220e	95	69	251	82	72	40
10	55	40	25e	44e	50e	1790	89	71	216	80	72	39
11	55	38	27e	48e	57e	1940	84	73	221	157	64	38
12	57	36	25e	48e	63e	1990	81	75	635	213	66	38
13	58	36	25e	50e	63e	1730	83	83	689	208	66	38
14	63	35	24e	53e	55e	1430	85	102	872	187	63	38
15	67	34	24e	50e	51e	856	84	96	828	1460	61	36
16	66	34	29e	49e	52e	450	85	82	576	1640	60	34
17	68	32	29e	50e	57e	276	87	84	342	421	74	34
18	72	30	29e	50e	62e	206	86	79	207	225	83	34
19	75	29	30e	51e	61e	179	81	78	129	152	104	33
20	77	28	34e	52e	59e	165	80	79	118	210	105	34
21	87	28	33e	53e	60e	146	82	79	1320	173	98	37
22	119	27	28e	56e	60e	138	84	78	2420	198	82	38
23	179	26	28e	58e	60e	127	103	79	2610	167	75	39
24	229	27	27e	54e	61e	119	123	73	2540	135	91	41
25	169	26	25e	49e	61e	112	132	82	2160	116	346	42
26	109	28	25e	45e	63e	106	107	75	1900	106	274	53
27	86	29	24e	45e	65e	106	100	82	1630	103	124	47
28	74	28	26e	45e	66e	106	96	75	1010	99	81	46
29	74	29	30e	46e	---	108	92	70	445	95	63	41
30	126	29	31e	50e	---	108	88	63	180	87	61	38
31	106	---	33e	46e	---	102	---	58	---	83	61	---
TOTAL	2437	1178	833	1415	1581	15847	2755	2386	22044	7204	2785	1227
MEAN	78.7	39.3	27.0	45.6	56.4	511.6	91.8	77.0	735.1	232.6	89.8	40.9
MAX	229	102	34	58	66	1990	132	102	2610	1640	346	53
MIN	29	26	21	33	47	68	80	58	57	80	60	33
AC-FT	4834	2337	1652	2807	3136	31430	5464	4733	43720	14290	5524	2434
CAL YEAR 2009	TOTAL		29292	MEAN	80.3	MAX	932.0	MIN	17.0	AC-FT	58100	
WTR YEAR 2010	TOTAL		61692	MEAN	169.0	MAX	2610	MIN	21.0	AC-FT	122400	

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 1,260 cubic feet per second June 24, gage height 11.13 feet; minimum daily discharge 0.47 cubic feet per second October 17 & 20.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.67	67	4.8	1.0e	14e	14e	36	36	47	164	11	20
2	0.59	28	4.2	1.2e	13e	17e	35	28	469	95	10	15
3	0.52	16	2.7e	1.1e	12e	20e	33	25	90	72	8.4	11
4	0.52	15	2.5e	1.1e	11e	27e	29	24	41	69	10	8.5
5	0.50	14	2.2e	1.4e	11e	127e	28	22	31	75	10	6.2
6	0.55	11	2.0e	1.5e	9.6e	334e	28	22	27	62	8.6	4.4
7	0.53	9.3	2.0e	1.9e	9.8e	601e	27	24	25	59	6.1	3.2
8	0.53	7.4	2.1e	2.1e	7.8e	793e	26	25	27	71	4.6	2.6
9	0.54	6.5	1.8e	2.3e	5.3e	846	26	26	28	56	2.5	3.0
10	0.52	5.5	1.7e	2.3e	3.4e	968	25	25	27	46	1.7	2.2
11	0.52	3.8	1.7e	2.7e	2.6e	1100	25	26	25	42	1.5	1.6
12	0.54	4.5	2.0e	3.0e	2.8e	918	25	40	25	38	1.6	1.2
13	0.51	3.3	1.7e	3.2e	3.0e	512	26	219	26	36	3.9	2.0
14	0.54	3.1	1.5e	3.3e	3.0e	277	25	112	132	33	4.9	24
15	0.54	3.4	1.3e	2.7e	2.8e	160	25	56	399	50	5.5	4.9
16	0.48	4.2	1.2e	2.4e	2.2e	115	25	45	492	34	4.1	3.3
17	0.47	4.1	1.4e	2.6e	2.7e	93	24	45	303	28	4.9	2.6
18	0.49	3.6	1.4e	2.5e	2.3e	76	24	37	159	25	3.6	1.7
19	0.49	3.5	1.4e	2.6e	2.5e	64	24	33	533	23	3.2	1.2
20	0.47	3.7	1.1e	3.1e	4.3e	57	24	100	535	22	1.6	1.1
21	0.83	3.2	1.2e	3.5e	6.6e	50	23	157	723	22	1.1	0.95
22	4.0	3.1	1.1e	4.2e	7.2e	46	24	83	960	21	1.1	0.87
23	34	3.4	1.5e	11e	7.7e	43	26	56	1190	20	1.1	1.3
24	58	5.0	1.5e	20e	7.3e	40	27	58	1260	17	5.3	2.3
25	38	4.3	1.3e	22e	6.6e	37	29	87	1120	14	4.6	2.1
26	27	3.7	1.2e	21e	7.5e	35	58	49	487	13	29	3.6
27	50	3.1	1.1e	20e	9.3e	37	50	42	217	14	546	2.8
28	30	3.0	1.2e	17e	11e	42	39	35	264	14	349	1.7
29	30	3.0	1.1e	15e	---	44	35	36	636	14	91	1.2
30	55	4.1	1.3e	14e	---	38	115	32	304	14	41	0.98
31	70	---	1.2e	14e	---	39	---	30	---	13	26	---
TOTAL	407.35	252.8	54.4	205.7	188.3	7570	966	1635	10602	1276	1202.9	137.5
MEAN	13.2	8.4	1.8	6.7	6.7	244.2	32.2	52.8	352.9	41.1	38.8	4.6
MAX	70	67	4.8	22	14	1100	115	219	1260	164	546	24
MIN	0.47	3.0	1.1	1.0	2.2	14	23	22	25	13	1.1	0.87
AC-FT	808	501	108	408	373	15010	1916	3243	21030	2531	2386	273
CAL YEAR 2009	TOTAL		6078	MEAN	16.7	MAX	326.0	MIN	0.22	AC-FT	12060	
WTR YEAR 2010	TOTAL		24498	MEAN	67.1	MAX	1260	MIN	0.47	AC-FT	48590	

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 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 18,600 cubic feet per second May 7, gage height 23.87 feet; minimum daily discharge 85 cubic feet per second estimated February 15.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	167	547	205	211e	291e	243e	499	2010	445	1760	295	348
2	162	506	201e	211e	294e	249e	471	881	2000	1240	274	382
3	156	395	183e	214e	309e	283e	456	545	2920	1000	249	378
4	154	319	173e	215e	323e	327e	457	480	1370	1350	327	328
5	154	274	200e	207e	326e	924e	446	419	801	1580	321	260
6	170	255	191e	207e	333e	1980e	442	374	575	1040	327	229
7	156	249	133e	202e	329e	3120e	444	461	522	867	289	213
8	155	239	151e	201e	313e	3800e	446	432	556	764	268	203
9	156	223	157e	200e	297e	4270e	453	383	616	711	244	199
10	154	213	172e	209e	285e	4500e	479	369	599	648	217	195
11	153	208	196e	216e	285e	5360e	514	376	684	824	219	196
12	154	206	207e	216e	291e	6140e	524	412	693	826	188	192
13	158	205	206e	223e	294e	5980e	530	660	691	1010	178	201
14	160	201	201e	236e	288e	5470	520	1780	1050	879	170	415
15	162	199	190e	231e	259e	4640	544	928	2660	771	168	892
16	162	226	191e	233e	253e	3370	532	580	3080	820	168	504
17	162	245	194e	248e	273e	2000	501	518	2300	2270	206	309
18	158	260	205e	255e	276e	1390	488	493	1830	2450	188	248
19	157	225	207e	270e	274e	1110	478	463	1920	1100	181	219
20	154	210	218e	304e	261e	936	466	684	1980	749	210	206
21	160	203	220e	304e	251e	810	445	1740	4170	597	212	200
22	234	204	228e	310e	238e	729	425	1280	5950	668	224	192
23	349	205	231e	317e	220e	661	524	786	6260	642	207	217
24	334	205	227e	325e	214e	623	529	579	6160	561	352	450
25	503	200	222e	318e	218e	575	499	529	6290	500	301	303
26	533	198	217e	311e	224e	537	501	575	6250	444	279	263
27	486	201	222e	311e	227e	581	501	548	5840	393	361	245
28	418	205	221e	302e	232e	725	483	555	5600	358	1040	222
29	413	205	222e	288e	---	683	444	496	5230	341	842	229
30	529	205	219e	286e	---	594	2200	456	3170	319	514	231
31	512	---	220e	288e	---	533	---	439	---	306	380	---
TOTAL	7635	7436	6230	7869	7678	63143	16241	21231	82212	27788	9399	8669
MEAN	246.3	247.9	200.9	253.9	274.2	2037	541.3	685.0	2740	896.5	303.2	288.9
MAX	533	547	231	325	333	6140	2200	2010	6290	2450	1040	892
MIN	153	198	133	200	214	243	425	369	445	306	168	192
AC-FT	15140	14750	12360	15610	15230	125200	32210	42110	163100	55120	18640	17190
CAL YEAR 2009	TOTAL		125801	MEAN	344.7	MAX	2380	MIN	124.0	AC-FT	249500	
WTR YEAR 2010	TOTAL		265531	MEAN	727.5	MAX	6290	MIN	133.0	AC-FT	526700	

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 3,260 cubic feet per second June 21, gage height 10.53 feet; minimum daily discharge 18 cubic feet per second November 3, January 7, 9 - 16, 21 - 22.

DISCHARGE (CFS), WATER YEAR 2010

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21	20	32	19	26	22	29	52	26	126	31	610
2	20	19	31	19	24	24	27	36	25	95	31	686
3	20	18	30	19	23	44	25	33	24	81	28	144
4	21	20	30	19	24	120	24	32	26	77	98	74
5	21	20	31	19	23	277	24	31	34	73	109	57
6	21	21	31	19	22	349	25	31	28	64	62	44
7	20	21	30	18e	22	467	24	34	25	64	47	35
8	21	22	28e	19e	22	358	24	29	28	59	37	30
9	20	22	25e	18e	21	881	24	29	24	51	31	27
10	19	22	23e	18	20	1360	23	32	22	49	28	26
11	20	23	24e	18	21	907	23	32	22	50	29	24
12	20	24	25	18	20	579	23	48	24	48	28	23
13	20	24	24	18	21	420	24	289	22	46	29	25
14	21	24	24	18	21	360	26	66	570	41	34	841
15	20	24	24	18	21	262	25	45	1140	38	37	278
16	20	26	24	18	21	175	25	37	557	36	37	115
17	20	25	24	19	20	119	23	32	282	33	39	68
18	21	25	25	19	21	90	24	30	329	33	36	47
19	21	26	24	19	21	71	24	28	197	33	36	34
20	21	26	24	19	21	58	24	34	605	33	37	26
21	21	27	24	18	21	48	24	44	2480	34	36	24
22	22	28	24	18	20	43	24	35	1640	36	35	22
23	19	29	25	33	20	37	27	29	1020	35	32	39
24	19	29	24	251	20	32	144	30	769	77	1160	58
25	19	29	23e	117	20	29	175	35	600	63	947	29
26	19	29	21	73	20	26	83	29	493	38	642	22
27	20	30	21	55	20	34	52	27	406	31	578	24
28	21	30	20	38	21	45	39	27	291	27	444	24
29	23	31	20	37	---	38	48	28	193	26	222	24
30	28	31	21	31	---	34	229	27	171	28	142	23
31	25	---	20	28	---	30	---	26	---	31	108	---
TOTAL	644	745	776	1070	597	7339	1335	1317	12073	1556	5190	3503
MEAN	20.8	24.8	25.0	34.6	21.2	236.8	44.5	42.5	402.9	50.2	167.4	116.7
MAX	28	31	32	251	26	1360	229	289	2480	126	1160	841
MIN	19	18	20	18	20	22	23	26	22	26	28	22
AC-FT	1277	1478	1539	2122	1184	14560	2648	2612	23950	3086	10290	6948
CAL YEAR 2009	TOTAL		9815	MEAN	26.9	MAX	918.0	MIN	16.0	AC-FT	19470	
WTR YEAR 2010	TOTAL		36145	MEAN	99.0	MAX	2480	MIN	18.0	AC-FT	71690	

e indicates estimated discharge.

INDEX

	Page
Ainsworth Canal.....	30
Alliance Canals.....	68, 69
Bartley Canal.....	198
Bayard Creek near Bayard.....	70
Beaver Creek near Beaver City.....	208
Beaver Creek at Loretto.....	169
Beerline Canal.....	83
Belmont Canals.....	72, 73
Bennett-Kay Canal.....	13
Big Blue River at Surprise.....	221
Big Blue River at Seward.....	223
Big Blue River at Beatrice.....	225
Big Sandy Creek at Alexandria.....	226
Birdwood Canal.....	104
Birdwood Creek near Hershey.....	105
Blue Creek and Hooper Canal.....	88
Blue Creek near Lewellen.....	91
Box Butte Reservoir.....	21
Browns Creek Canal.....	76
Buffalo Creek (B-1) Reservoir Supply Canal.....	126
Burwell-Sumter Canal.....	162
Calamus Fish Hatchery Inlet.....	157
Calamus Reservoir.....	155
Calamus River near Burwell.....	161
Calamus River near Harrop.....	154
Cambridge Canal.....	203
Castle Rock-Steamboat Canal.....	61
Cedar River near Fullerton.....	167
Cedar River near Spalding.....	166
Center Creek at Franklin.....	213
Central Canal.....	57
Chimney Rock Canal.....	67
Cody-Dillon Canal.....	107
Cook Canal No. 1.....	9
Courthouse Rock Canal.....	77
Courtland Canal.....	218
Cozad Canal.....	128
Culbertson Canal.....	192
Davis Creek Reservoir.....	159
Davis Creek Reservoir Inlet.....	158
Dawson County Canal.....	130
Dry Spotted Tail Creek at Mitchell.....	52
Earnest Canals.....	5, 6
Elkhorn River near Atkinson.....	171
Elkhorn River at Neligh.....	173
Elkhorn River near Tilden.....	174
Elkhorn River near Winslow.....	181
Elkhorn River, South Fork near Ewing.....	172
Elm Creek at Amboy.....	217
Elwood Reservoir.....	118
Empire Canal.....	74
Enders Reservoir near Enders.....	189
Enterprise Canal.....	51
Excelsior Canal.....	17
Farwell Canals.....	143, 146, 147
Fort Laramie Canals.....	33, 34

INDEX

	Page
Fox Creek at Curtis.....	199
Franklin Canal.....	211
Franklin Pump Canal.....	214
Frenchman Creek near Enders.....	190
Frenchman Creek near Imperial.....	188
Fullerton Canal.....	160
Gering Canal.....	41
Gering Creek near Gering.....	60
Gothenburg Canal.....	125
Haigler Canals and Spillback.....	182 - 184
Harlan County Reservoir near Republican City.....	209
Harris-Neece Canal.....	10
Harry Strunk Lake near Cambridge.....	201
Hitsheiw, George, Canal.....	15
Hooper Canal.....	89
Horse Creek near Lyman.....	49
Hugh Butler Lake near McCook.....	195
Hughes Canal.....	18
Interstate Canal.....	35
Jeffrey Power Return.....	117
Jeffrey Reservoir.....	116
Johnson Canal.....	4
Johnson Reservoir.....	119
Johnson Power Return.....	121
Kearney Canal and Power Return.....	133, 134
Keith-Lincoln County Canal.....	100
Kent Canal.....	153
Keya Paha River near Naper.....	32
Kingsley Reservoir.....	93
LaBelle Canal.....	11
Lake Alice.....	36
Lake Minatare.....	38
Lakotah Canal.....	5
Last Chance Canal.....	78
Lichte Canal.....	24
Lincoln Creek near Seward.....	222
Lincoln County Drain No. 1.....	108
Lisco Canal from North Platte River.....	84
Little Lake Alice.....	37
Lodgepole Creek above Oliver Reservoir.....	110
Lodgepole Creek at Ralton.....	112
Logan Creek at Pender.....	180
Loup River at Columbus.....	170
Loup River Power Canal Return at Columbus.....	168
Maloney Reservoir.....	97
McGinley-Stover Canal.....	8
McLaughlin Canal.....	16
Medicine Creek above Harry Strunk Lake.....	200
Medicine Creek below Harry Strunk Lake.....	202
Meeker-Driftwood Canal.....	187
Meredith-Ammer Canal.....	81
Merritt Reservoir.....	29
Mettlen Canal.....	12
Middle Loup Canals (No. 1, 2, 3 and 4).....	138 - 142, 144
Midland-Overland Canal.....	86
Minatare Canal.....	59

INDEX

	Page
Mira Creek near North Loup.....	165
Mirage Flats Canal.....	25
Mirdan Canal.....	156
Mitchell and Gering Canal.....	40
Montague Canal.....	23
Moore-Kay Canal.....	14
Mud Creek near Sweetwater.....	148
Muddy Creek at Arapahoe.....	205
Muddy Creek at Furnas-Gosper County line.....	204
Naponee Canal.....	210
Nelson Canal.....	80
Nine Mile Canals.....	63, 64
Nine Mile Creek near McGrew.....	65
Niobrara River above Box Butte Reservoir.....	20
Niobrara River at Wyoming - Nebraska State Line.....	3
Niobrara River below Box Butte Reservoir.....	22
Niobrara River near Nenzel.....	27
North Loup River at Ord.....	163
North Platte Canal.....	101
North Platte River at Bridgeport.....	75
North Platte River near Keystone.....	99
North Platte River near Lewellen.....	92
North Platte River at Lisco.....	85
North Platte River near Minatare.....	62
North Platte River at Mitchell.....	53
North Platte River at North Platte.....	109
North Platte River near Sutherland.....	103
Northport Canal.....	48
Oliver Reservoir.....	111
Orchard-Alfalfa Canal.....	129
Ord-North Loup Canal.....	164
Paisley Canal.....	87
Paxton-Hershey Canal.....	102
Pebble Creek at Scribner.....	179
Phelps County Canal.....	120
Pioneer Canal.....	19
Platte River at Brady.....	123
Platte River near Cozad.....	131
Platte River near Maxwell.....	122
Platte River near Odessa.....	135
Plum Creek near Smithfield.....	132
Potmesil Canal.....	26
Pumpkin Creek near Bridgeport.....	82
Red Willow Canal.....	197
Red Willow Creek near Bayard.....	71
Red Willow Creek above Hugh Butler Lake.....	194
Red Willow Creek near McCook.....	196
Republican River near Guide Rock.....	220
Republican River near Trenton.....	186
Republican River at Riverton.....	215
Riverside Canal.....	193
Sargent Canal.....	137
Sheep Creek near Morrill.....	50
Sherman Reservoir.....	145
Short Line Canal.....	66

INDEX

	Page
Six Mile Canal.....	127
Snake River at Doughboy.....	28
Snake River near Burge.....	31
South Platte River at North Platte.....	114
South Platte Supply Canal (Korty Canal).....	95
Suburban Canal.....	106
Superior Canal.....	219
Sutherland Canal.....	94
Sutherland Reservoir.....	96
Sutherland Power Return.....	98
Stinking Water Creek near Palisade.....	191
Swanson Lake near Trenton.....	185
Taylor-Ord Canal.....	150 - 152
Thirty Mile Canal.....	124
Thompson Creek at Riverton.....	216
Tri-County Canal.....	115
Trinnier Canal.....	79
Tri-State Canals.....	42 - 47
Tub Springs near Scottsbluff.....	54
Turkey Creek near Dannebrog.....	149
Turkey Creek at Edison.....	207
Turkey Creek at Furnas-Gosper County line.....	206
Turkey Creek at Naponee.....	212
Turkey Creek near Wilber.....	224
Union Canal.....	90
Union Creek at Madison.....	178
Western Canal.....	113
White River at Crawford.....	1
Whitney Reservoir.....	2
Willow Creek near Foster.....	175
Willow Creek near Pierce.....	177
Willow Creek Reservoir.....	176
Winters Creek Canals.....	55, 56
Winters Creek Reservoir.....	39
Winters Creek near Scottsbluff.....	58
Wood River near Alda.....	136