

STATE OF NEBRASKA

**DEPARTMENT OF NATURAL
RESOURCES**

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

2007

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

2007

HYDROGRAPHIC REPORT

STATE OF NEBRASKA

DEPARTMENT OF NATURAL RESOURCES

2007

HYDROGRAPHIC REPORT

TABLE OF CONTENTS

	<u>Page</u>
Introduction and Explanation of Data.....	iii-iv
Daily Discharge of Rivers, Streams and Canals, and Storage in Reservoirs, 2007:	
White River Basin.....	1-2
Niobrara River Basin.....	3-32
North Platte River Basin.....	32-94, 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.....	137-169
Elkhorn River.....	170-180
Republican River Basin.....	181-216
Big Blue River Basin.....	217-221
Little Blue River Basin.....	222
Index.....	223-226

INDEX

	Page
Ainsworth Canal.....	30
Alliance Canals.....	68, 69
Bartley Canal.....	196
Bayard Creek near Bayard.....	70
Beaver Creek near Beaver City.....	205
Beaver Creek at Loretto.....	169
Beerline Canal.....	83
Belmont Canals.....	72, 73
Bennett-Kay Canal.....	14
Big Blue River at Surprise.....	217
Big Blue River at Seward.....	219
Big Blue River at Beatrice.....	221
Big Sandy Creek at Alexandria.....	222
Birdwood Canal.....	104
Birdwood Creek near Hershey.....	105
Blue Creek and Hooper Canal.....	88
Blue Creek near Lewellen.....	91
Box Butte Reservoir.....	22
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.....	200
Castle Rock-Steamboat Canal.....	61
Cedar River near Fullerton.....	167
Cedar River near Spalding.....	166
Center Creek at Franklin.....	210
Central Canal.....	57
Chimney Rock Canal.....	67
Cody-Dillon Canal.....	107
Cook Canal No. 1.....	10
Court House Rock Canal.....	77
Courtland Canal.....	215
Cozad Canal.....	128
Culbertson Canal.....	190
Davis Creek Reservoir.....	159
Davis Creek Reservoir Inlet.....	158
Dawson County Canal.....	130
Dry Spotted Tail Creek at Mitchell.....	52
Earnest Canals.....	6, 7
Elkhorn River near Atkinson.....	170
Elkhorn River at Neligh.....	172
Elkhorn River near Tilden.....	173
Elkhorn River near Winslow.....	180
Elkhorn River, South Fork near Ewing.....	171
Elm Creek at Amboy.....	214
Elwood Reservoir.....	118
Empire Canal.....	74
Enterprise Canal.....	51
Excelsior Canal.....	18
Farwell Canals.....	143, 146, 147
Fort Laramie Canals.....	33, 34

INDEX

	Page
Franklin Canal.....	208
Franklin Pump Canal.....	211
Frenchman Creek near Enders.....	188
Frenchman Creek near Imperial.....	187
Fullerton Canal.....	160
Gering Canal.....	41
Gering Creek near Gering.....	60
Gothenburg Canal.....	125
Haigler Canals and Spillback.....	181 - 183
Harlan County Reservoir near Republican City.....	206
Harris-Neece Canal.....	11
Harry Strunk Lake near Cambridge.....	198
Hitsheuw, George, Canal.....	16
Hooper Canal.....	89
Horse Creek near Lyman.....	49
Hugh Butler Lake near McCook.....	193
Hughes Canal.....	19
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.....	12
Lake Alice.....	36
Lake Minatare.....	38
Lakotah Canal.....	5
Last Chance Canal.....	78
Lichte Canal.....	25
Lincoln Creek near Seward.....	218
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 below Oliver Reservoir.....	112
Logan Creek at Pender.....	179
Loup River Power Canal Return at Columbus.....	168
Maloney Reservoir.....	97
McGinley-Stover Canal.....	8
McLaughlin Canal.....	17
Medicine Creek above Harry Strunk Lake.....	197
Medicine Creek below Harry Strunk Lake.....	199
Meeker-Driftwood Canal.....	186
Meredith-Ammer Canal.....	81
Merritt Reservoir.....	29
Mettlen Canal.....	13
Middle Loup Canals (No. 1, 2, 3 and 4).....	138 - 142, 144
Midland-Overland Canal.....	86
Minatare Canal.....	59

	Page
Mira Creek near North Loup.....	165
Mirage Flats Canal.....	26
Mirdan Canal.....	156
Mitchell and Gering Canal.....	40
Montague Canal.....	24
Moore-Kay Canal.....	15
Mud Creek near Sweetwater.....	148
Muddy Creek at Arapahoe.....	202
Muddy Creek at Furnas-Gosper County line.....	201
Naponee Canal.....	207
Nelson Canal.....	80
Nine Mile Canals.....	63, 64
Nine Mile Creek near McGrew.....	65
Niobrara River at Wyoming - Nebraska State Line.....	3
Niobrara River above Box Butte Reservoir.....	21
Niobrara River below Box Butte Reservoir.....	23
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.....	178
Phelps County Canal.....	120
Pioneer Canal.....	20
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.....	27
Pumpkin Creek near Bridgeport.....	82
Red Willow Canal.....	195
Red Willow Creek near Bayard.....	71
Red Willow Creek above Hugh Butler Lake.....	192
Red Willow Creek near McCook.....	194
Republican River near Trenton.....	185
Republican River at Riverton.....	212
Riverside Canal.....	191
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.....	216
Sutherland Canal.....	94
Sutherland Reservoir.....	96
Sutherland Power Return.....	98
Stinking Water Creek near Palisade.....	189
Swanson Lake near Trenton.....	184
Taylor-Ord Canal.....	150 - 152
Thirty Mile Canal.....	124
Thompson Creek at Riverton.....	213
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.....	204
Turkey Creek at Furnas-Gosper County line.....	203
Turkey Creek at Naponee.....	209
Turkey Creek near Wilber.....	220
Union Canal.....	90
Union Creek at Madison.....	177
Western Canal.....	113
White River at Crawford.....	1
Whitney Reservoir.....	2
Willow Creek near Foster.....	174
Willow Creek near Pierce.....	176
Willow Creek Reservoir.....	175
Winters Creek Canals.....	55, 56
Winters Creek Reservoir.....	39
Winters Creek near Scottsbluff.....	58
Wood River near Alda.....	136

HYDROGRAPHIC REPORT

2007

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 2007 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 less 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 or by E-mail guy.lindeman@nebraska.gov. Questions or comments can be directed to Guy H. Lindeman at this address or call (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 E-mail requests, use gayle.follmer@nebraska.gov.

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 35 cubic feet per second April 24, gage height 2.51 feet; maximum gage height 3.39 feet February 2 due to backwater from ice or slush; minimum daily discharge 0.29 cubic feet per second August 31 and September 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	21	20e	28	19e	21	28	21	18	10	7.0	0.32
2	14	21	20e	26	19e	21	26	21	17	11	7.6	0.29
3	15	21	21	25	20e	20e	23	20	17	17	9.0	0.97
4	16	21	21	24	21e	24	22	23	17	15	9.0	2.3
5	17	21	22	23	21	23	22	25	18	13	7.4	3.4
6	17	21	22	20	18	23	22	27	18	11	6.2	6.7
7	16	21	21	19	20	23	23	24	19	9.7	6.1	9.2
8	15	21	21	20	17	23	23	23	18	8.5	7.9	7.1
9	17	21	21	18	16	23	23	22	18	10	6.6	7.7
10	18	22	21	18	17	23	23	22	17	10	5.2	11
11	18	22	21	15	17	22	23	21	16	9.7	5.2	11
12	19	22	21	18	18	23	23	21	15	10	5.6	9.3
13	18	21	21	25	19e	22	24	21	18	10	6.5	8.3
14	19	22	21	21	18e	22	24	20	17	9.6	4.7	9.3
15	19	22	20	19	19e	22	23	21	16	8.3	4.0	10
16	19	22	20	16	20e	22	22	21	16	7.1	3.9	9.3
17	19	22	20	14	21e	21	22	21	18	6.5	3.8	10
18	19	21	19	11	23	21	21	20	14	6.9	3.6	11
19	20	21	23	12	25	21	21	19	14	11	3.6	11
20	20	21	22	10	24	22	21	18	14	11	2.3	11
21	20	21	21	12	22	21	21	18	14	10	1.2	9.1
22	20	21	24	19	21	22	22	18	19	7.9	0.93	9.2
23	20	21	22	13	21	21	23	18	18	5.0	1.7	8.5
24	21	21	21	17	21	22	30	18	15	4.4	2.2	11
25	20	21	20	20	21	26	30	18	14	4.6	1.9	14
26	20	21	22	21	21	23	25	18	12	9.9	0.78	13
27	21	20	22	22	22	23	24	18	13	13	0.41	12
28	21	21	22	22e	22	23	23	17	13	14	0.67	12
29	21	20	23	21e	---	25	23	20	12	15	0.73	11
30	21	19e	22	20e	---	27	22	20	11	12	0.55	11
31	21	---	22	19e	---	27	---	19	---	9.0	0.29	---
TOTAL	575	633	659	588	563	702	702	633	476	310.1	126.56	259.98
MEAN	18.6	21.1	21.3	18.9	20.2	22.6	23.4	20.3	15.9	10.0	4.1	8.7
MAX	21	22	24	28	25	27	30	27	19	17	9.0	14
MIN	14	19	19	10	16	20	21	17	11	4.4	0.29	0.29
AC-FT	1140	1256	1307	1166	1117	1392	1392	1256	944	615	251	516
CAL YEAR 2006	TOTAL		7249	MEAN	19.9	MAX	33.0	MIN	3.7	AC-FT	14380	
WTR YEAR 2007	TOTAL		6228	MEAN	17.1	MAX	30.0	MIN	0.29	AC-FT	12350	

E indicates estimated discharge.

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Wyoming-Nebraska State Line, 06454000

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

DRAINAGE AREA.--Approximately 455 square miles.

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

PERIOD OF RECORD.--1955 - present

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

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 7.1 cubic feet per second April 2, gage height 3.34 feet; minimum daily discharge 0.82 cubic feet per second July 25.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.4	2.4	2.7	3.1	2.3	2.9	4.5	3.1	2.2	2.2	1.1	1.1
2	2.4	2.4	2.6	3.1	2.6	2.8	6.2	3.1	2.2	2.4	1.2	1.1
3	2.5	2.5	2.5	3.2	3.5	3.7	4.5	3.1	2.1	2.5	1.3	1.1
4	2.5	2.6	2.7	3.4	3.4	2.9	3.9	3.1	2.1	2.6	1.4	1.2
5	2.6	2.7	2.8	3.3	2.8	2.9	3.9	3.1	2.0	2.8	1.4	1.1
6	2.7	2.8	2.8	3.2	2.5	3.1	3.9	3.1	2.1	2.4	1.3	1.7
7	2.7	2.9	2.8	2.9	2.6	3.3	3.6	3.1	2.0	2.1	1.3	1.9
8	2.5	3.0	2.7	3.0	2.6	3.3	3.6	3.1	2.0	1.8	1.3	1.7
9	2.6	2.8	2.7	3.0	2.5	3.2	3.7	3.1	1.9	1.6	1.2	1.6
10	3.0	2.8	2.7	3.1	2.6	3.3	4.0	3.0	1.9	1.5	1.3	1.8
11	2.8	2.8	2.8	3.0	2.9	3.3	3.7	3.0	1.8	1.4	1.3	1.6
12	2.7	2.9	2.8	3.0	2.9	3.2	3.6	3.1	1.8	1.7	1.3	1.6
13	2.7	2.6	2.9	2.9	2.6	3.2	3.6	3.0	1.7	1.4	1.2	1.5
14	2.7	2.9	3.1	2.8	2.6	3.3	3.6	3.0	1.8	1.4	1.2	1.5
15	2.8	2.9	3.1	2.6	2.5	3.2	3.5	3.0	1.7	1.3	1.2	1.6
16	2.9	2.8	3.1	2.6	2.8	3.2	3.5	3.0	1.7	1.2	1.4	1.5
17	2.8	2.8	3.1	2.6	2.6	3.3	3.5	3.0	1.7	1.5	1.3	1.5
18	2.7	2.7	3.1	2.5	2.7	3.4	3.4	3.0	1.7	1.4	1.4	1.6
19	2.8	2.6	3.1	2.6	2.9	3.4	3.4	2.9	1.7	1.4	1.3	1.5
20	2.8	2.9	3.1	2.5	3.0	3.5	3.3	2.8	1.7	1.2	1.2	1.5
21	2.8	3.0	3.1	2.6	2.9	3.4	3.4	2.7	1.7	1.2	1.2	1.4
22	2.8	3.1	3.0	2.4	3.0	3.4	3.3	2.8	1.7	1.1	1.0	1.3
23	2.7	3.2	3.1	2.5	3.4	3.4	3.3	2.8	1.7	0.95	1.4	1.4
24	2.8	2.8	3.1	2.7	3.4	3.6	3.4	2.7	1.6	0.92	1.7	1.5
25	2.8	2.8	2.9	2.8	3.1	4.1	3.3	2.6	1.6	0.82	1.5	1.6
26	2.6	2.9	3.0	2.8	3.1	3.7	3.3	2.5	1.6	1.2	1.5	1.6
27	2.6	2.8	3.1	2.7	3.1	3.6	3.2	2.5	1.7	1.5	1.2	1.5
28	2.6	2.8	3.1	2.6	3.1	3.7	3.2	2.4	2.0	1.9	1.3	1.6
29	2.6	2.7	3.3	2.5	---	3.9	3.2	2.4	2.0	1.7	1.3	1.5
30	2.7	2.6	3.2	2.5	---	5.3	3.2	2.3	2.1	1.2	1.4	1.6
31	2.3	---	3.1	2.4	---	3.9	---	2.3	---	1.2	1.3	---
TOTAL	82.9	83.5	91.2	86.9	80	106.4	109.7	88.7	55.5	49.49	40.4	44.7
MEAN	2.7	2.8	2.9	2.8	2.9	3.4	3.7	2.9	1.9	1.6	1.3	1.5
MAX	3.0	3.2	3.3	3.4	3.5	5.3	6.2	3.1	2.2	2.8	1.7	1.9
MIN	2.3	2.4	2.5	2.4	2.3	2.8	3.2	2.3	1.6	0.82	1.0	1.1
AC-FT	164	166	181	172	159	211	218	176	110	98	80	89
CAL YEAR 2006	TOTAL		1001	MEAN	2.7	MAX	6.7	MIN	0.92	AC-FT	1986	
WTR YEAR 2007	TOTAL		919	MEAN	2.5	MAX	6.2	MIN	0.82	AC-FT	1824	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.73	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	6.4	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	5.5	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	5.0	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	4.5	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	4.1	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	3.8	0.00	0.00	0.00	---
15	---	---	---	---	---	---	0.00	3.8	0.00	0.00	0.00	---
16	---	---	---	---	---	---	0.00	3.9	0.00	0.00	0.00	---
17	---	---	---	---	---	---	0.00	4.0	0.00	0.00	0.00	---
18	---	---	---	---	---	---	0.00	4.0	0.00	0.00	0.00	---
19	---	---	---	---	---	---	0.00	3.8	0.00	0.00	0.00	---
20	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00	---
21	---	---	---	---	---	---	0.00	3.6	0.00	0.00	0.00	---
22	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	---
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
28	---	---	---	---	---	4.7	0.00	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	5.1	0.00	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	8.3	0.00	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	3.7	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	21.8	0	58.93	0	0	0	0
MEAN	---	---	---	---	---	5.4	0.000	1.9	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	8.3	0.00	6.4	0.00	0.00	0.00	0.00
MIN	---	---	---	---	---	3.7	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	43	0.00	117	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	4.1	MIN	0.000	AC-FT	93						
WTR YEAR 2007	MAX	8.3	MIN	0.000	AC-FT	160						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.4	1.5	---	---	---	---	0.11	3.4	1.8	0.04	0.60	0.19
2	1.4	1.4	---	---	---	---	1.0	3.1	1.7	0.00	0.60	0.16
3	1.4	1.3	---	---	---	---	5.5	3.0	1.5	0.00	0.57	0.16
4	1.4	1.3	---	---	---	---	5.5	3.2	1.4	0.00	0.46	0.14
5	1.4	1.2	---	---	---	---	5.6	3.7	1.4	0.06	0.34	0.14
6	1.5	1.2	---	---	---	---	5.5	4.1	1.4	0.34	0.23	0.16
7	1.5	1.1	---	---	---	---	5.1	4.0	1.4	0.19	0.18	0.21
8	1.5	1.1	---	---	---	0.00	4.7	4.1	1.4	0.25	0.14	0.22
9	1.5	---	---	---	---	0.00	4.7	1.9	1.3	0.18	0.13	0.24
10	1.6	---	---	---	---	0.00	4.6	0.08	1.2	0.16	0.11	0.26
11	1.6	---	---	---	---	0.00	4.4	0.00	1.2	0.15	0.09	0.28
12	1.6	---	---	---	---	0.00	4.2	0.00	1.2	0.15	0.06	0.28
13	1.7	---	---	---	---	0.00	4.1	0.00	1.2	0.15	0.06	0.26
14	1.7	---	---	---	---	0.00	4.0	0.00	1.0	0.14	0.04	0.25
15	1.7	---	---	---	---	0.00	3.8	0.00	0.90	0.13	0.03	0.26
16	1.7	---	---	---	---	0.00	3.7	0.00	0.79	0.11	0.04	0.25
17	1.8	---	---	---	---	0.00	3.6	0.00	0.73	0.10	0.07	0.25
18	1.8	---	---	---	---	0.00	3.3	0.00	0.65	0.09	0.07	0.28
19	1.8	---	---	---	---	0.00	3.2	0.00	0.61	0.10	0.06	0.28
20	1.8	---	---	---	---	0.00	3.0	0.00	0.51	0.10	0.04	0.28
21	1.9	---	---	---	---	0.00	3.0	0.00	0.45	0.10	0.04	0.28
22	1.9	---	---	---	---	0.00	3.0	1.5	0.27	0.08	0.03	0.30
23	1.9	---	---	---	---	0.00	3.5	1.9	0.39	0.04	0.04	0.31
24	1.9	---	---	---	---	0.00	4.1	1.9	0.40	0.02	0.09	0.32
25	1.9	---	---	---	---	0.00	4.1	1.8	0.32	0.00	0.12	0.32
26	1.9	---	---	---	---	0.00	4.2	1.8	0.29	0.00	0.13	0.34
27	1.8	---	---	---	---	0.06	4.6	1.6	0.28	0.06	0.14	0.14
28	1.7	---	---	---	---	0.20	4.4	1.8	0.28	0.42	0.15	0.00
29	1.7	---	---	---	---	0.23	4.0	1.9	0.20	0.54	0.16	0.00
30	1.6	---	---	---	---	0.07	3.7	1.9	0.13	0.65	0.19	0.00
31	1.5	---	---	---	---	0.06	---	1.8	---	0.64	0.19	---
TOTAL	51.5	10.1	0	0	0	0.62	118.21	48.48	26.3	4.99	5.2	6.56
MEAN	1.7	1.3	---	---	---	0.026	3.9	1.6	0.88	0.16	0.17	0.22
MAX	1.9	1.5	---	---	---	0.23	5.6	4.1	1.8	0.65	0.60	0.34
MIN	1.4	1.1	---	---	---	0.00	0.11	0.00	0.13	0.00	0.03	0.00
AC-FT	102	20	0.00	0.00	0.00	1.2	234	96	52	9.9	10	13
CAL YEAR 2006	MAX		3.8	MIN	0.020	AC-FT	545					
WTR YEAR 2007	MAX		5.6	MIN	0.000	AC-FT	539					

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.94	0.00	0.00	1.0	0.54	0.53
2	0.00	---	---	---	---	---	1.3	0.00	0.00	1.0	0.65	0.51
3	0.00	---	---	---	---	---	1.1	0.00	0.00	1.0	0.61	0.46
4	0.00	---	---	---	---	---	1.3	0.00	1.0	0.96	0.52	0.33
5	0.00	---	---	---	---	---	1.4	0.00	2.6	0.90	0.45	0.11e
6	0.00	---	---	---	---	---	1.1	0.00	2.9	0.82	0.34	0.15e
7	0.00	---	---	---	---	---	0.92	0.00	2.9	0.76	0.28	0.17e
8	0.00	---	---	---	---	---	0.81	0.00	2.9	0.71	0.24	0.22e
9	0.00	---	---	---	---	---	0.69	0.00	2.8	0.62	0.21	0.36e
10	0.00	---	---	---	---	---	0.64	0.00	2.7	0.54	0.20	0.44e
11	---	---	---	---	---	---	0.60	0.00	2.7	0.52	0.16	0.48e
12	---	---	---	---	---	---	0.48	0.00	2.6	0.54	0.07	0.53e
13	---	---	---	---	---	---	0.00e	0.00	2.6	0.52	0.03	0.60
14	---	---	---	---	---	---	0.00e	0.00	2.6	0.47	0.01	0.62
15	---	---	---	---	---	---	0.00e	0.00	2.5	0.40	0.01	0.57
16	---	---	---	---	---	---	0.00e	0.00	2.5	0.31	0.03	0.50
17	---	---	---	---	---	---	0.00	0.00	2.6	0.24	0.06	0.41
18	---	---	---	---	---	---	0.00	0.00	2.6	0.20	0.17	0.37
19	---	---	---	---	---	---	0.00	0.00	2.4	0.20	0.20	0.39
20	---	---	---	---	---	---	0.00	0.00	2.2	0.19	0.12	0.52
21	---	---	---	---	---	---	0.00	0.00	1.9	0.15	0.23	0.48
22	---	---	---	---	---	---	0.00	0.00	1.8	0.10	0.40	0.48
23	---	---	---	---	---	---	0.00	0.00	1.7	0.06	0.32	0.42
24	---	---	---	---	---	---	0.00	0.00	1.5	0.02	0.28	0.39
25	---	---	---	---	---	---	0.00	0.00	1.3	0.01	0.26	0.38
26	---	---	---	---	---	0.98e	0.00	0.00	1.2	0.00	0.26	0.37
27	---	---	---	---	---	0.98e	0.00	0.00	1.2	0.05	0.40	0.39
28	---	---	---	---	---	0.98	0.00	0.00	1.1	0.17	0.51	0.43
29	---	---	---	---	---	0.81	0.00	0.00	1.1	0.20	0.56	0.44e
30	---	---	---	---	---	0.71	0.00	0.00	1.0	0.25	0.58	0.46e
31	---	---	---	---	---	1.3	---	0.00	---	0.35	0.55	---
TOTAL	0	0	0	0	0	5.76	11.28	0	56.9	13.26	9.25	12.51
MEAN	0.000	---	---	---	---	0.96	0.38	0.000	1.9	0.43	0.30	0.42
MAX	0.00	---	---	---	---	1.3	1.4	0.00	2.9	1.0	0.65	0.62
MIN	0.00	---	---	---	---	0.71	0.00	0.00	0.00	0.00	0.01	0.11
AC-FT	0.00	0.00	0.00	0.00	0.00	11	22	0.00	113	26	18	25
CAL YEAR 2006	MAX		5.9	MIN	0.000	AC-FT	135					
WTR YEAR 2007	MAX		2.9	MIN	0.000	AC-FT	216					

e indicates estimated discharge.

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5	---	---	---	---	---	2.6	2.9	2.1	0.00	0.00	0.00
2	1.4	---	---	---	---	---	2.9	2.7	2.0	0.00	0.00	0.00
3	1.3	---	---	---	---	---	2.7	2.6	1.9	0.00	0.00	0.00
4	1.3	---	---	---	---	---	2.8	2.5	1.5	0.00	0.00	0.00
5	1.4	---	---	---	---	---	2.9	2.4	0.00	0.00	0.00	0.00
6	1.3	---	---	---	---	---	2.5	2.6	0.00	0.00	0.00	0.00
7	1.3	---	---	---	---	---	2.3	2.6	0.00	0.00	0.00	0.00
8	1.3	---	---	---	---	---	2.1	2.8	0.00	0.00	0.00	0.00
9	1.4	---	---	---	---	---	1.9	2.9	0.00	0.00	0.00	0.00
10	1.6	---	---	---	---	---	1.8	2.7	0.00	0.00	0.00	0.00
11	1.4	---	---	---	---	---	1.8	2.5	0.00	0.00	0.00	0.00
12	0.00	---	---	---	---	---	1.6	2.2	0.00	0.00	0.00	0.00
13	0.00	---	---	---	---	---	1.6	2.1	0.00	0.00	0.00	0.00
14	0.00	---	---	---	---	---	1.5	1.7	0.00	0.00	0.00	0.00
15	0.00	---	---	---	---	---	1.4	1.5	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	---	1.4	1.3	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	---	1.4	1.2	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	1.7	0.95	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	1.8	0.76	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	2.0	0.55	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	2.1	0.48	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	2.2	0.31	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	2.5	0.12	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	2.8	0.10	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	3.2	0.23	0.00	0.00	0.00	0.00
26	---	---	---	---	---	3.0e	3.1	0.59	0.00	0.00	0.00	0.00
27	---	---	---	---	---	2.9e	2.7	1.9	0.00	0.00	0.00	0.00
28	---	---	---	---	---	2.7	2.7	2.9	0.00	0.00	0.00	0.00
29	---	---	---	---	---	2.6	2.9	2.6	0.00	0.00	0.00	0.00
30	---	---	---	---	---	2.8	3.0	2.5	0.00	0.00	0.00	0.00
31	---	---	---	---	---	2.8	---	2.1	---	0.00	0.00	---
TOTAL	15.2	0	0	0	0	16.8	67.9	55.29	7.5	0	0	0
MEAN	0.89	---	---	---	---	2.8	2.3	1.8	0.25	0.000	0.000	0.000
MAX	1.6	---	---	---	---	3.0	3.2	2.9	2.1	0.00	0.00	0.00
MIN	0.00	---	---	---	---	2.6	1.4	0.10	0.00	0.00	0.00	0.00
AC-FT	30	0.00	0.00	0.00	0.00	33	135	110	15	0.00	0.00	0.00
CAL YEAR 2006	MAX		4.5	MIN	0.000	AC-FT	218					
WTR YEAR 2007	MAX		3.2	MIN	0.000	AC-FT	323					

e indicates estimated discharge.

NIOBRARA RIVER BASIN

McGINLEY-STOVER CANAL from Niobrara River, 00084000

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

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

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	3.8	---	---	---	---	0.00	4.3	2.5	0.87	1.2	0.00
2	0.00	3.9	---	---	---	---	0.00	4.6	2.5	0.68	0.98	0.00
3	0.79	3.8	---	---	---	---	0.00	4.3	1.7	0.97	0.00	0.00
4	1.5	3.7	---	---	---	---	0.00	4.4	0.00	1.7	0.00	0.00
5	2.3	3.7	---	---	---	---	0.00	4.5	0.00	1.2	0.00	0.00
6	3.5	3.6	---	---	---	---	0.00	4.7	0.00	1.5	0.00	0.00
7	3.7	3.6	---	---	---	---	0.00	4.6	0.00	1.3	0.00	0.00
8	3.8	3.6	---	---	---	---	0.00	4.5	0.00	1.1	0.00	0.00
9	3.8	---	---	---	---	---	0.00	4.1	0.00	1.0	0.00	0.00
10	3.8	---	---	---	---	---	0.00	3.9	1.2	0.87	0.00	0.00
11	3.6	---	---	---	---	---	0.00	3.9	2.1	0.89	0.00	0.00
12	3.6	---	---	---	---	---	0.00	3.3	1.8	0.82	0.00	0.00
13	3.5	---	---	---	---	---	0.00	2.8	1.7	1.1	0.00	0.00
14	3.5	---	---	---	---	---	0.00	2.8	0.49	1.2	0.00	0.00
15	3.5	---	---	---	---	---	0.00	2.7	0.00	0.83	0.00	0.00
16	3.2	---	---	---	---	---	0.00	2.6	0.00	0.49	0.00	0.00
17	3.3	---	---	---	---	---	0.00	2.5	0.00	0.00	0.00	0.00
18	3.8	---	---	---	---	---	0.00	2.5	0.00	0.00	0.00	0.00
19	3.8	---	---	---	---	---	0.00	2.4	0.00	0.00	0.00	0.00
20	3.9	---	---	---	---	0.00	0.94	0.86	0.00	0.00	0.00	0.00
21	3.9	---	---	---	---	0.00	4.2	0.00	0.00	0.26	0.00	0.00
22	4.0	---	---	---	---	0.00	4.1	0.00	0.00	1.5	0.00	0.00
23	4.0	---	---	---	---	0.00	4.4	0.00	0.00	1.4	0.00	0.00
24	4.1	---	---	---	---	0.00	4.5	1.4	0.00	1.3	0.00	0.00
25	4.2	---	---	---	---	0.00	4.5	2.5	0.77	1.2	0.00	0.00
26	4.2	---	---	---	---	0.00	4.3	2.5	2.0	1.3	0.00	0.00
27	4.2	---	---	---	---	0.00	4.1	2.5	1.9	1.4	0.00	0.00
28	4.2	---	---	---	---	0.00	3.9	2.5	1.7	1.3	0.00	0.00
29	3.9	---	---	---	---	0.00	3.8	2.5	1.6	1.2	0.00	0.00
30	3.7	---	---	---	---	0.00	4.3	2.5	1.2	1.2	0.00	0.00
31	3.8	---	---	---	---	0.00	---	2.5	---	1.2	0.00	---
TOTAL	103.09	29.7	0	0	0	0	43.04	89.16	23.16	29.78	2.18	0
MEAN	3.3	3.7	---	---	---	0.000	1.4	2.9	0.77	0.96	0.071	0.000
MAX	4.2	3.9	---	---	---	0.00	4.5	4.7	2.5	1.7	1.2	0.00
MIN	0.00	3.6	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	204	59	0.00	0.00	0.00	0.00	85	177	46	59	4.3	0.00
CAL YEAR 2006	MAX	5.7	MIN	0.000	AC-FT	766						
WTR YEAR 2007	MAX	4.7	MIN	0.000	AC-FT	635						

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Agate, 06454100

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

DRAINAGE AREA.--Approximately 840 square miles.

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 20 cubic feet per second March 8, gage height 4.02 feet; maximum gage height 4.04 feet March 30; minimum daily discharge 9.6 cubic feet per second May 29.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.3	5.7	8.7	9.4	8.9	14	16	10	6.8	2.7	2.8	5.0
2	7.4	6.2	9.1	9.5	8.5	13	17	9.0	7.8	2.9	2.8	4.9
3	7.3	6.5	9.4	10	8.0	12	18	8.7	7.8	3.4	3.0	4.8
4	6.7	7.0	9.5	10	8.1	11	17	8.8	7.5	3.2	3.5	4.8
5	5.3	6.9	9.5	10	8.2	15	15	9.7	8.2	3.5	4.6	4.7
6	5.5	7.1	9.7	10	8.0	17	15	11	8.4	3.7	3.4	5.1
7	5.6	7.5	9.8	10	8.7	16	15	10	7.9	3.6	3.1	5.4
8	5.7	7.8	10	10	8.7	17	14	9.7	7.5	3.4	3.4	5.6
9	5.8	7.5	11	10	8.7	17	14	8.8	7.5	3.5	3.6	5.3
10	6.1	7.5	11	10	8.7	16	14	9.0	7.2	3.5	3.3	5.4
11	6.1	8.7	11	10	9.0	17	14	8.4	6.9	3.5	3.4	5.4
12	6.4	9.6	11	10	9.2	16	14	8.4	6.2	3.6	3.5	5.5
13	6.3	10	11	9.1	8.7	15	13	8.3	6.7	3.6	3.4	5.4
14	6.5	11	11	9.3	8.3	15	13	8.8	6.5	3.6	3.4	5.3
15	5.8	11	11	9.6	8.1	15	13	8.3	5.8	3.3	3.6	5.5
16	5.7	11	11	9.5	8.2	16	13	8.7	6.3	3.1	4.3	5.5
17	5.5	12	11	9.4	8.2	16	13	8.5	7.4	3.3	4.5	5.4
18	5.1	11	10	9.5	8.6	16	13	7.7	6.6	2.8	4.9	5.2
19	5.4	11	9.1	9.5	9.3	16	12	7.6	6.1	3.0	4.8	5.2
20	5.7	12	8.2	9.4	9.2	15	12	7.9	5.7	3.2	4.4	5.6
21	5.9	12	8.6	9.4	10	14	12	7.8	5.7	3.1	4.3	5.5
22	6.0	12	9.0	9.4	12	14	11	8.3	6.5	2.7	4.3	5.5
23	5.7	12	9.4	9.5	12	13	11	8.0	6.0	2.3	4.3	5.6
24	5.8	12	9.9	9.6	12	13	12	8.3	5.6	2.2	4.8	5.6
25	6.0	11	9.9	9.6	13	14	13	7.7	5.3	2.2	5.1	5.8
26	6.1	11	9.7	9.6	12	14	11	6.1	4.4	3.6	5.1	5.9
27	6.2	9.7	9.6	9.5	13	13	11	6.7	3.3	4.5	4.9	6.0
28	6.2	10	9.8	9.4	14	13	11	6.9	3.1	4.8	4.7	6.2
29	6.4	9.6	9.8	9.2	---	13	11	7.1	3.0	4.5	5.6	6.2
30	6.4	9.2	9.6	9.1	---	13	11	6.8	2.9	4.2	5.6	6.1
31	6.1	---	9.3	9.0	---	16	---	6.8	---	3.7	5.2	---
TOTAL	188	285.5	306.6	297.5	269.3	455	399	257.8	186.6	104.2	127.6	163.4
MEAN	6.1	9.5	9.9	9.7	9.6	14.7	13.3	8.3	6.2	3.4	4.1	5.5
MAX	7.4	12	11	10	14	17	18	11	8.4	4.8	5.6	6.2
MIN	5.1	5.7	8.2	9.0	8.0	11	11	6.1	2.9	2.2	2.8	4.7
AC-FT	373	566	608	590	534	902	791	511	370	207	253	324
CAL YEAR 2006	TOTAL		3548	MEAN	9.7	MAX	21.0	MIN	2.1	AC-FT	7038	
WTR YEAR 2007	TOTAL		3041	MEAN	8.3	MAX	18.0	MIN	2.2	AC-FT	6031	

NIOBRARA RIVER BASIN

COOK CANAL NO. 1 from Niobrara River, 00029000

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

GAGE.--Continuous stage recorder and concrete flume

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	2.2	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
2	0.00	2.1	---	---	---	---	1.2	0.00	0.00	0.00	0.00	0.00
3	0.00	1.8	---	---	---	---	1.3	0.00	0.00	0.00	0.00	0.00
4	0.00	1.7	---	---	---	---	1.2	0.00	0.00	0.00	0.00	0.00
5	0.00	1.7	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
6	0.00	1.7	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
7	0.00	1.7	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
8	0.00	1.7	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
10	0.00	---	---	---	---	---	1.1	0.00	0.00	0.00	0.00	0.00
11	0.56	---	---	---	---	---	0.47	0.00	0.00	0.00	0.00	0.00
12	1.1	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	1.0	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	1.1	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	1.1	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	1.1	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	1.2	---	---	---	---	---	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	---	---	---	---	---	1.3	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	1.0	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00	0.00
25	1.5	---	---	---	---	1.5	0.00	0.00	0.00	0.00	0.00	0.00
26	1.5	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00	0.00
27	1.6	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00	0.00
28	1.6	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00	0.00
29	1.7	---	---	---	---	1.6	0.00	0.00	0.00	0.00	0.00	0.00
30	1.7	---	---	---	---	1.2	0.00	0.00	0.00	0.00	0.00	0.00
31	1.7	---	---	---	---	1.6	---	0.00	---	0.00	0.00	---
TOTAL	18.46	14.6	0	0	0	16.6	11.87	0	0	0	0	0
MEAN	0.76	1.8	---	---	---	1.4	0.39	0.000	0.000	0.000	0.000	0.000
MAX	1.7	2.2	---	---	---	1.6	1.3	0.00	0.00	0.00	0.00	0.00
MIN	0.00	1.7	---	---	---	1.0	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	37	29	0.00	0.00	0.00	33	24	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	2.2	MIN	0.000	AC-FT	116						
WTR YEAR 2007	MAX	2.2	MIN	0.000	AC-FT	122						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.6	---	---	---	---	---	0.00	9.2	7.4	9.3	5.4	0.00
2	3.6	---	---	---	---	---	0.00	9.5	7.4	6.7	4.7	0.00
3	4.7	---	---	---	---	---	0.00	11	7.2	2.6	4.4	0.00
4	5.5	---	---	---	---	---	0.00	11	7.0	1.9	4.1	0.00
5	5.3	---	---	---	---	---	0.00	11	8.0	4.9	3.9	0.00
6	4.7	---	---	---	---	---	0.00	11	7.0	7.3	4.6	0.00
7	1.2	---	---	---	---	---	0.00	12	6.5	7.3	4.5	0.00
8	0.00	---	---	---	---	---	0.00	11	6.4	7.7	4.6	0.00
9	0.00	---	---	---	---	---	0.00	11	7.6	8.4	4.7	0.00
10	0.00	---	---	---	---	---	0.00	11	8.3	7.6	5.1	0.00
11	---	---	---	---	---	---	0.00	10	7.3	6.2	5.0	0.00
12	---	---	---	---	---	---	0.00	9.7	5.7	5.9	5.1	0.00
13	---	---	---	---	---	---	0.00	9.2	6.1	6.2	5.4	0.00
14	---	---	---	---	---	---	0.00	9.0	7.3	4.5	4.7	0.00
15	---	---	---	---	---	---	0.00	8.8	8.4	5.0	4.5	0.00
16	---	---	---	---	---	---	0.00	8.5	9.0	2.8	1.8	0.00
17	---	---	---	---	---	---	1.3	8.5	6.8	3.4	0.01	0.00
18	---	---	---	---	---	---	10	8.2	6.9	5.0	0.08	0.00
19	---	---	---	---	---	---	14	7.8	8.1	4.9	0.14	0.00
20	---	---	---	---	---	0.00	14	7.4	8.4	4.7	0.10	0.00
21	---	---	---	---	---	0.00	14	7.1	8.0	3.0	0.05	0.00
22	---	---	---	---	---	0.00	14	7.0	7.8	3.3	0.06	0.00
23	---	---	---	---	---	0.00	14	6.9	7.1	3.9	0.02	0.00
24	---	---	---	---	---	0.00	14	6.9	5.9	3.5	0.10	0.00
25	---	---	---	---	---	0.00	14	7.2	5.3	3.2	0.13	0.00
26	---	---	---	---	---	0.00	12	8.2	5.3	3.5	0.15	0.00
27	---	---	---	---	---	0.00	9.4	7.9	6.0	5.0	0.15	0.00
28	---	---	---	---	---	0.00	9.2	7.1	7.6	6.2	0.17	0.00
29	---	---	---	---	---	0.00	9.1	7.3	8.4	6.5	0.00	0.00
30	---	---	---	---	---	0.00	9.2	7.4	8.8	5.9	0.00	0.00
31	---	---	---	---	---	0.00	---	7.3	---	5.5	0.00	---
TOTAL	28.6	0	0	0	0	0	158.2	275.1	217	161.8	73.66	0
MEAN	2.9	---	---	---	---	0.000	5.2	8.9	7.2	5.2	2.4	0.000
MAX	5.5	---	---	---	---	0.00	14	12	9.0	9.3	5.4	0.00
MIN	0.00	---	---	---	---	0.00	0.00	6.9	5.3	1.9	0.00	0.00
AC-FT	57	0.00	0.00	0.00	0.00	0.00	314	546	430	321	146	0.00
CAL YEAR 2006	MAX	14.0	MIN	0.000	AC-FT	1143						
WTR YEAR 2007	MAX	14.0	MIN	0.000	AC-FT	1814						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
NO WATER WAS DIVERTED IN 2007.												
CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00						

NIOBRARA RIVER BASIN

METTLEN CANAL from Niobrara River, 00089000

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.45	2.0	0.76	0.60	0.00	0.00
2	---	---	---	---	---	---	0.46	1.9	0.78	0.53	0.00	0.00
3	---	---	---	---	---	---	0.45	1.7	0.83	0.37	0.00	0.00
4	---	---	---	---	---	---	0.45	1.6	0.89	0.32	0.00	0.00
5	---	---	---	---	---	---	0.43	1.8	0.98	0.55	0.00	0.00
6	---	---	---	---	---	---	0.41	2.2	0.65	0.99	0.00	0.00
7	---	---	---	---	---	---	0.39	1.9	0.67	0.80	0.00	0.00
8	---	---	---	---	---	---	0.39	1.7	0.66	0.17	0.00	0.00
9	---	---	---	---	---	---	0.36	1.7	0.53	0.09	0.00	0.00
10	---	---	---	---	---	---	0.32	1.8	0.49	0.10	0.00	0.00
11	---	---	---	---	---	---	0.32	1.5	1.2	0.07	0.00	0.00
12	---	---	---	---	---	---	0.29	1.3	1.4	0.07	0.00	0.00
13	---	---	---	---	---	---	0.28	1.2	1.5	0.08	0.00	0.00
14	---	---	---	---	---	---	0.28	1.1	1.4	0.06	0.00	0.00
15	---	---	---	---	---	---	0.28	1.1	1.1	0.04	0.00	0.00
16	---	---	---	---	---	---	0.28	1.1	0.94	0.03	0.00	0.00
17	---	---	---	---	---	---	0.28	1.2	0.80	0.03	0.00	0.00
18	---	---	---	---	---	---	1.1	1.2	0.84	0.00	0.00	0.00
19	---	---	---	---	---	---	3.8	1.2	0.54	0.00	0.00	0.00
20	---	---	---	---	---	0.69	3.6	1.2	1.3	0.00	0.00	0.00
21	---	---	---	---	---	0.68	2.9	1.2	1.5	0.00	0.00	0.00
22	---	---	---	---	---	2.7	2.7	1.2	1.8	0.00	0.00	0.00
23	---	---	---	---	---	6.4	2.9	1.2	2.1	0.00	0.00	0.00
24	---	---	---	---	---	5.7	3.5	1.1	1.9	0.00	0.00	0.00
25	---	---	---	---	---	5.6	3.8	1.1	1.7	0.00	0.00	0.00
26	---	---	---	---	---	5.4	3.0	1.1	1.2	0.00	0.00	0.00
27	---	---	---	---	---	5.2	2.8	1.0	1.0	0.00	0.00	0.00
28	---	---	---	---	---	5.2	3.2	0.68	0.96	0.00	0.00	0.00
29	---	---	---	---	---	5.2	2.9	0.70	0.89	0.00	0.00	0.00
30	---	---	---	---	---	5.0	2.3	0.92	0.68	0.00	0.00	0.00
31	---	---	---	---	---	0.41	---	0.84	---	0.00	0.00	---
TOTAL	0	0	0	0	0	48.18	44.62	41.44	31.99	4.9	0	0
MEAN	---	---	---	---	---	4.0	1.5	1.3	1.1	0.16	0.000	0.000
MAX	---	---	---	---	---	6.4	3.8	2.2	2.1	0.99	0.00	0.00
MIN	---	---	---	---	---	0.41	0.28	0.68	0.49	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	96	89	82	63	9.7	0.00	0.00
CAL YEAR 2006	MAX	4.8	MIN	0.000	AC-FT	267						
WTR YEAR 2007	MAX	6.4	MIN	0.000	AC-FT	339						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
5	0.00	---	---	---	---	---	0.00	1.9	0.00	0.00	0.00	0.00
6	0.00	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00	0.00
7	0.00	---	---	---	---	---	0.00	1.9	0.00	0.00	0.00	0.00
8	0.00	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
9	0.00	---	---	---	---	---	1.0	2.2	0.00	0.00	0.00	0.00
10	0.00	---	---	---	---	---	3.8	2.1	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	3.7	2.1	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	3.7	2.0	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	3.7	2.0	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	3.4	1.9	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	3.0	1.9	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	2.7	1.8	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	2.9	1.8	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	3.1	1.8	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	1.8	1.8	1.1	0.00	0.00	0.00
20	---	---	---	---	---	1.6	0.00	0.00	1.3	0.00	0.00	0.00
21	---	---	---	---	---	3.4	0.00	0.00	1.6	0.00	0.00	0.00
22	---	---	---	---	---	3.4	0.00	0.00	1.6	0.00	0.00	0.00
23	---	---	---	---	---	3.3	0.00	0.00	1.5	0.00	0.00	0.00
24	---	---	---	---	---	3.1	0.00	0.00	1.5	0.00	0.00	0.00
25	---	---	---	---	---	3.2	0.00	0.00	1.4	0.00	0.00	0.00
26	---	---	---	---	---	3.1	0.00	0.00	1.3	0.00	0.00	0.00
27	---	---	---	---	---	3.1	0.00	0.00	1.1	0.00	0.00	0.00
28	---	---	---	---	---	3.1	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	3.2	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	1.5	0.00	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	32	32.8	30.4	12.4	0	0	0
MEAN	0.000	---	---	---	---	2.7	1.1	0.98	0.41	0.000	0.000	0.000
MAX	0.00	---	---	---	---	3.4	3.8	2.2	1.6	0.00	0.00	0.00
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	63	65	60	25	0.00	0.00	0.00
CAL YEAR 2006	MAX		2.6	MIN	0.000	AC-FT	121					
WTR YEAR 2007	MAX		3.8	MIN	0.000	AC-FT	213					

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.97	0.00	1.0	2.3	0.00	0.00
2	0.00	---	---	---	---	---	1.1	0.00	1.6	1.6e	0.00	0.00
3	0.00	---	---	---	---	---	1.1	0.00	1.6	3.1e	0.00	0.00
4	0.00	---	---	---	---	---	1.0	0.00	1.6	2.6	0.00	0.00
5	0.00	---	---	---	---	---	1.0	0.00	1.6	2.4	0.00	0.00
6	0.00	---	---	---	---	---	1.1	0.00	1.6	2.2	0.00	0.00
7	0.00	---	---	---	---	---	1.0	0.00	1.6	1.9	0.00	0.00
8	0.00	---	---	---	---	---	1.0	0.00	1.6	1.8	0.00	0.00
9	0.00	---	---	---	---	---	1.00	0.00	1.6	2.0	0.00	0.00
10	0.00	---	---	---	---	---	0.90	0.00	1.6	1.8	0.00	0.00
11	---	---	---	---	---	---	0.75	0.00	0.45	1.6	0.00	0.00
12	---	---	---	---	---	---	0.68	0.00	0.00	1.6	0.00	0.00
13	---	---	---	---	---	---	0.64	0.00	0.00	1.0	0.00	0.00
14	---	---	---	---	---	---	0.60	0.00	0.00	0.10	0.00	0.00
15	---	---	---	---	---	---	0.58	0.00	0.00	0.09	0.00	0.00
16	---	---	---	---	---	---	0.65	0.00	0.00	0.08	0.00	0.00
17	---	---	---	---	---	---	0.67	0.00	0.00	0.02	0.00	0.00
18	---	---	---	---	---	---	1.4	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	2.8	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	0.72	1.7	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	0.55	1.7	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	0.22	1.7	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	0.11	1.6	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	0.12	1.1	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	0.24	0.54	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	0.00	0.45	0.00	1.1	0.00	0.00	0.00
27	---	---	---	---	---	0.00	0.47	0.00	4.6	0.00	0.00	0.00
28	---	---	---	---	---	0.05	0.19	0.00	3.9	0.00	0.00	0.00
29	---	---	---	---	---	0.19	0.00	0.00	4.0	0.00	0.00	0.00
30	---	---	---	---	---	0.52	0.00	0.00	3.3	0.00	0.00	0.00
31	---	---	---	---	---	0.89	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	3.61	28.39	0	32.75	26.19	0	0
MEAN	0.000	---	---	---	---	0.30	0.95	0.000	1.1	0.84	0.000	0.000
MAX	0.00	---	---	---	---	0.89	2.8	0.00	4.6	3.1	0.00	0.00
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	7.2	56	0.00	65	52	0.00	0.00
CAL YEAR 2006	MAX		5.1	MIN	0.000	AC-FT	160					
WTR YEAR 2007	MAX		4.6	MIN	0.000	AC-FT	180					

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	1.8	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	2.1	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	2.4	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	3.1	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.78	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	12.18	0	0	0	0
MEAN	---	---	---	---	---	---	0.000	0.39	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	---	0.00	3.1	0.00	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	1.6	MIN	0.030	AC-FT	14						
WTR YEAR 2007	MAX	3.1	MIN	0.000	AC-FT	24						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.1	2.1	---	---	---	---	---	0.31	3.3	0.04	0.25	1.1
2	3.1	2.4	---	---	---	---	---	0.14	3.1	0.21	0.25	0.97
3	3.1	---	---	---	---	---	---	0.04	3.0	1.3	0.21	0.96
4	3.1	---	---	---	---	---	1.1	0.03	3.0	0.68	0.24	1.1
5	2.9	---	---	---	---	---	1.0	0.02	3.2	0.33	0.23	1.2
6	2.8	---	---	---	---	---	1.2	0.09	3.1	0.11	0.18	1.2
7	2.8	---	---	---	---	---	1.2	0.30	2.9	0.05	0.82	1.3
8	2.8	---	---	---	---	---	1.3	0.50	2.9	0.03	0.89	1.3
9	2.6	---	---	---	---	---	1.4	0.85	3.1	0.08	0.93	1.3
10	2.7	---	---	---	---	---	1.5	2.9	3.1	0.09	0.90	1.6
11	2.6	---	---	---	---	---	1.5	3.9	3.1	0.09	0.80	1.6
12	2.6	---	---	---	---	---	1.3	3.8	3.3	0.24	0.69	1.5
13	2.6	---	---	---	---	---	1.2	3.6	3.5	0.29	0.65	1.5
14	2.6	---	---	---	---	---	1.2	3.5	3.5	0.33	0.60	1.5
15	2.6	---	---	---	---	---	1.0	3.6	3.3	0.41	0.66	1.3
16	2.5	---	---	---	---	---	0.85	3.7	3.4	0.35	1.00	1.3
17	2.5	---	---	---	---	---	0.82	3.9	3.4	0.31	0.93	1.2
18	2.4	---	---	---	---	---	0.91	3.9	3.4	0.29	1.2	1.2
19	2.3	---	---	---	---	---	0.80	3.8	3.3	0.28	1.4	1.2
20	2.2	---	---	---	---	---	0.34	3.7	3.2	0.27	1.3	1.2
21	2.1	---	---	---	---	---	0.31	3.6	2.8	0.27	1.1	1.2
22	2.0	---	---	---	---	---	0.30	3.6	2.7	0.25	0.98	1.3
23	1.9	---	---	---	---	---	0.36	3.6	2.5	0.16	1.2	1.4
24	1.9	---	---	---	---	---	0.64	3.6	2.1	0.18	1.4	1.6
25	1.9	---	---	---	---	---	0.89	3.6	1.7	0.15	1.5	1.8
26	2.0	---	---	---	---	---	0.84	3.6	1.2	0.21	1.4	1.8
27	2.2	---	---	---	---	---	0.73	3.6	0.87	0.29	1.1	1.7
28	2.1	---	---	---	---	---	0.74	3.5	0.23	0.28	1.1	1.7
29	2.1	---	---	---	---	---	0.74	3.5	0.04	0.28	1.2	1.7
30	2.1	---	---	---	---	---	0.49	3.4	0.04	0.29	1.3	1.7
31	2.0	---	---	---	---	---	---	3.3	---	0.25	1.3	---
TOTAL	76.2	4.5	0	0	0	0	24.66	81.48	78.28	8.39	27.71	41.43
MEAN	2.5	2.2	---	---	---	---	0.91	2.6	2.6	0.27	0.89	1.4
MAX	3.1	2.4	---	---	---	---	1.5	3.9	3.5	1.3	1.5	1.8
MIN	1.9	2.1	---	---	---	---	0.30	0.02	0.04	0.03	0.18	0.96
AC-FT	151	8.9	0.00	0.00	0.00	0.00	49	162	155	17	55	82
CAL YEAR 2006	MAX	6.7	MIN	0.000	AC-FT	871						
WTR YEAR 2007	MAX	3.9	MIN	0.020	AC-FT	680						

NIOBRARA RIVER BASIN

EXCELSIOR CANAL from Niobrara River, 00046000

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

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

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.79	7.5	---	---	---	---	---	0.89	3.1	0.00	0.00	0.00
2	0.82	7.6	---	---	---	---	---	0.88	2.5	0.00	0.00	0.00
3	0.81	---	---	---	---	---	---	1.6	0.86	0.00	0.00	0.00
4	0.78	---	---	---	---	---	2.2	2.9	0.00	0.00	0.00	0.00
5	0.77	---	---	---	---	---	2.1	4.3	0.00	0.00	0.00	0.00
6	0.86	---	---	---	---	---	1.9	5.3	0.00	0.00	0.00	0.00
7	0.91	---	---	---	---	---	1.7	5.0e	0.00	0.00	0.00	0.00
8	1.0	---	---	---	---	---	1.4	5.0e	0.00	0.00	0.00	0.00
9	1.1	---	---	---	---	---	1.3	4.0e	0.00	0.00	0.00	0.00
10	1.1	---	---	---	---	---	1.1	3.0e	0.00	0.00	0.00	0.00
11	0.99	---	---	---	---	---	0.95	2.0e	0.00	0.00	0.00	0.00
12	0.86	---	---	---	---	---	0.88	1.0e	0.00	0.00	0.00	0.00
13	0.88	---	---	---	---	---	1.2	0.00	0.00	0.00	0.00	0.00
14	0.91	---	---	---	---	---	1.5	0.00	0.00	0.00	0.00	0.00
15	0.96	---	---	---	---	---	1.6	0.00	0.00	0.00	0.00	0.00
16	1.0	---	---	---	---	---	1.8	0.00	0.00	0.00	0.00	0.00
17	1.2	---	---	---	---	---	1.9	0.00	0.00	0.00	0.00	0.00
18	1.4	---	---	---	---	---	2.1	0.00	0.00	0.00	0.00	0.00
19	1.8	---	---	---	---	---	2.2	0.88	0.00	0.00	0.00	0.00
20	2.1	---	---	---	---	---	1.8	0.67	0.00	0.00	0.00	0.00
21	2.5	---	---	---	---	---	1.7	0.23	0.00	0.00	0.00	0.00
22	2.9	---	---	---	---	---	1.6	1.2	0.00	0.00	0.00	0.00
23	3.2	---	---	---	---	---	1.6	1.0	0.00	0.00	0.00	0.00
24	3.7	---	---	---	---	---	1.7	0.65	0.00	0.00	0.00	0.00
25	4.1	---	---	---	---	---	1.7	0.96	0.00	0.00	0.00	0.00
26	4.6	---	---	---	---	---	1.8	1.2	0.00	0.00	0.00	0.00
27	5.1	---	---	---	---	---	1.7	1.1	0.00	0.00	0.00	0.00
28	5.6	---	---	---	---	---	1.6	0.83	0.00	0.00	0.00	0.00
29	6.1	---	---	---	---	---	1.5	1.1	0.00	0.00	0.00	0.00
30	6.6	---	---	---	---	---	1.3	2.2	0.00	0.00	0.00	0.00
31	7.1	---	---	---	---	---	---	3.1	---	0.00	0.00	---
TOTAL	72.54	15.1	0	0	0	0	43.83	50.99	6.46	0	0	0
MEAN	2.3	7.5	---	---	---	---	1.6	1.6	0.21	0.000	0.000	0.000
MAX	7.1	7.6	---	---	---	---	2.2	5.3	3.1	0.00	0.00	0.00
MIN	0.77	7.5	---	---	---	---	0.88	0.00	0.00	0.00	0.00	0.00
AC-FT	144	30	0.00	0.00	0.00	0.00	87	101	13	0.00	0.00	0.00
CAL YEAR 2006	MAX	7.6	MIN	0.000	AC-FT	183						
WTR YEAR 2007	MAX	7.6	MIN	0.000	AC-FT	375						

e indicates estimated discharge.

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.45	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.42	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.50	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.55	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.64	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.74	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.76	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.37	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.13	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.33	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.42	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.36	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.29	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.27	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.25	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.04	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	6.52	0	0	0	0
MEAN	---	---	---	---	---	---	---	0.22	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	---	---	0.76	0.00	0.00	0.00	0.00
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	0.00	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	0.76	MIN	0.000	AC-FT	13						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	4.2	4.5	0.00	0.00	0.00
2	---	---	---	---	---	---	1.3	4.4	4.3	0.00	0.00	0.00
3	---	---	---	---	---	---	1.3	4.0	4.2	0.00	0.00	0.00
4	---	---	---	---	---	---	1.2	3.9	4.0	0.00	0.00	0.00
5	---	---	---	---	---	---	1.2	3.8	3.7	0.00	0.00	0.00
6	---	---	---	---	---	---	0.69	3.6	3.5	0.00	0.00	0.00
7	---	---	---	---	---	---	0.04	3.3	3.3	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	3.0	3.1	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	2.7	2.9	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	2.4	2.9	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	2.0	2.7	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	1.7	2.6	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	1.6	2.5	0.00	0.00	0.00
14	---	---	---	---	---	---	0.05	1.4	2.6	0.00	0.00	0.00
15	---	---	---	---	---	---	0.08	1.2	2.6	0.00	0.00	0.00
16	---	---	---	---	---	---	0.10	1.1	2.6	0.00	0.00	0.00
17	---	---	---	---	---	---	0.31	1.2	2.7	0.00	0.00	0.00
18	---	---	---	---	---	---	1.1	1.3	2.6	0.54	0.00	0.00
19	---	---	---	---	---	---	1.3	1.4	2.6	1.5	0.00	0.00
20	---	---	---	---	---	---	1.4	1.6	2.6	1.9	0.00	0.34
21	---	---	---	---	---	---	1.6	1.8	2.8	1.7	0.00	1.2
22	---	---	---	---	---	---	1.6	2.0	2.9	0.01	0.00	1.6
23	---	---	---	---	---	---	1.8	2.2	2.9	0.00	0.00	1.6
24	---	---	---	---	---	---	2.2	2.4	1.9	0.00	0.00	1.7
25	---	---	---	---	---	---	2.5	2.6	1.5	0.05	0.00	1.2
26	---	---	---	---	---	---	2.7	2.8	1.7	0.97	0.00	0.00
27	---	---	---	---	---	---	2.9	2.8	0.06	1.1	0.00	0.00
28	---	---	---	---	---	---	3.3	3.0	0.00	0.01	0.00	0.00
29	---	---	---	---	---	---	3.7	3.4	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	3.9	3.9	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	4.6	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	36.27	81.3	76.26	7.78	0	7.64
MEAN	---	---	---	---	---	---	1.2	2.6	2.5	0.25	0.000	0.26
MAX	---	---	---	---	---	---	3.9	4.6	4.5	1.9	0.00	1.7
MIN	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	72	161	151	15	0.00	15
CAL YEAR 2006	MAX	5.9	MIN	0.000	AC-FT	357						
WTR YEAR 2007	MAX	4.6	MIN	0.000	AC-FT	415						

NIOBRARA RIVER BASIN

NIOBRARA RIVER above Box Butte Reservoir, 06454500

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

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

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

PERIOD OF RECORD.--Oct. 1946 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 41 cubic feet per second July 28, gage height 4.18 feet; maximum gage height 5.63 feet April 2 due to backwater conditions; minimum daily discharge 3.8 cubic feet per second July 26.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	11	14	15	18	22	25	18	8.0	7.2	6.5	6.0
2	10	13	13e	15	18	22	26	16	8.3	7.2	6.3	6.3
3	10	14	13e	14	17	24	26	16	8.2	9.1	6.7	6.3
4	10	15	13e	14	17	25	26	16	8.1	9.8	7.0	6.4
5	10	15	13e	14	16	25	26	17	8.0	10	6.2	5.8
6	11	15	13e	14	15	25	26	19	8.0	14	5.4	6.3
7	10	15	13e	16	16	26	26	20	8.8	13	5.2	5.9
8	13	14	13	16	16	27	26	19	8.6	8.3	5.0	5.7
9	13	14	13	17	16	28	26	18	8.0	10	4.7	6.1
10	12	14	13	16	16	28	26	17	7.2	9.4	4.8	7.0
11	10	15	13	16	17	30	27	15	6.2	7.7	4.5	6.8
12	11	16	13	16	17	30	26	13	6.6	7.3	4.5	6.3
13	11	16	14	17	18	30	25	12	6.5	7.5	4.9	5.9
14	11	17	14	16	20	29	24	11	5.3	8.0	5.2	6.0
15	11	16	14	16	20	29	21	10	5.4	8.1	5.6	6.3
16	11	16	14	16	18	29	20	10	6.1	8.0	6.2	6.3
17	11	16	14	16	18	28	20	11	7.0	7.7	6.4	6.3
18	11	16	14	15	19	28	20	13	7.2	5.3	7.5	6.6
19	11	16	14e	15	19	28	20	12	6.3	4.2	7.7	6.8
20	11	16	14e	15	19	27	19	12	6.5	4.8	6.8	6.0
21	11	16	14e	15	19	28	19	13	6.9	5.6	6.0	5.4
22	11	16	14e	15	20	27	19	14	10	16	5.9	5.5
23	12	15	14	15	20	27	19	14	13	6.9	8.6	6.1
24	13	16	14	15	20	27	21	12	9.9	6.0	8.3	6.7
25	13	15	15	16	21	27	22	11	18	5.3	8.0	7.0
26	13	16	14	16	21	27	21	11	4.2	3.8	7.9	14
27	11	15e	14	17	21	26	21	10	18	4.7	6.9	8.1
28	11	15e	14	18	22	26	21	9.6	9.7	20	7.2	8.0
29	11	14e	14	19	---	26	21	9.2	8.9	10	7.3	8.0
30	11	14e	14	19	---	26	20	8.7	7.9	7.9	7.3	8.2
31	11	---	15	18	---	25	---	7.8	---	7.0	7.4	---
TOTAL	346	452	425	492	514	832	685	415.3	250.8	259.8	197.9	202.1
MEAN	11.1	15.0	13.6	15.9	18.4	26.8	22.9	13.4	8.3	8.4	6.4	6.7
MAX	13	17	15	19	22	30	27	20	18	20	8.6	14
MIN	10	11	13	14	15	22	19	7.8	4.2	3.8	4.5	5.4
AC-FT	686	897	843	976	1020	1650	1359	824	497	515	393	401
CAL YEAR 2006 TOTAL			6115	MEAN	16.8	MAX	42.0	MIN	6.7	AC-FT	12130	
WTR YEAR 2007 TOTAL			5072	MEAN	13.9	MAX	30.0	MIN	3.8	AC-FT	10060	

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. Missing values March 14 to June 19 and August 10.

STORAGE (ACFT), WATER YEAR 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4204	4132	4819	5070	5760	6583	---	---	---	11210	3244	3628
2	4008	4142	4588	5081	5772	6596	---	---	---	11200	4641	3643
3	3834	4096	4598	5065	5801	6602	---	---	---	11090	4668	3686
4	3883	4147	4598	5092	5818	6648	---	---	---	10420	4684	3686
5	3883	4173	4593	5137	5859	6686	---	---	---	10300	4695	3701
6	3893	4214	4604	5159	5889	6732	---	---	---	9423	4711	3720
7	3903	4324	4631	5170	5926	6784	---	---	---	8744	4721	3725
8	3988	4366	4636	5215	5944	6810	---	---	---	8563	3134	3735
9	3972	4392	4689	5226	5986	6849	---	---	---	8617	2352	3745
10	4019	4418	4753	5237	6016	6909	---	---	---	8166	---	3764
11	4034	4439	4770	5253	6065	6983	---	---	---	7668	2620	3774
12	4029	4481	4792	5265	6107	7043	---	---	---	7420	3373	3794
13	4132	4513	4797	5281	6131	7063	---	---	---	7205	3205	3799
14	4111	4534	4830	5315	6022	---	---	---	---	6923	3253	3809
15	4137	4540	4835	5344	6053	---	---	---	---	6448	3290	3824
16	4152	4545	4879	5384	6077	---	---	---	---	6205	3304	3843
17	4137	4556	4873	5401	6131	---	---	---	---	6022	3336	3853
18	4106	4577	4868	5424	6138	---	---	---	---	6305	3364	3868
19	4137	4577	4846	5452	6162	---	---	---	---	6511	3373	3878
20	4132	4593	4868	5470	6186	---	---	---	11090	6398	3391	3898
21	4142	4620	4884	5493	6230	---	---	---	11450	6242	3396	3903
22	4132	4625	4857	5521	6274	---	---	---	11410	5625	3428	3903
23	4162	4679	4868	5538	6317	---	---	---	11380	5304	3465	3922
24	4198	4673	4889	5567	6361	---	---	---	11350	5087	3488	3932
25	4229	4705	4879	5596	6392	---	---	---	11360	4813	3513	3942
26	4229	4743	4900	5625	6436	---	---	---	11320	4631	3532	3957
27	4229	4759	4917	5631	6480	---	---	---	11300	4835	3546	3972
28	4127	4770	4998	5666	6524	---	---	---	11280	4695	3566	3988
29	4178	4781	5065	5684	---	---	---	---	11270	4775	3585	4003
30	4147	4802	5065	5713	---	---	---	---	11220	4598	3604	4019
31	4132	---	5081	5730	---	---	---	---	---	3809	3619	---
MEAN	4084	4497	4815	5381	6102	6791	---	---	11310	7073	3603	3830
MAX	4229	4802	5081	5730	6524	7063	---	---	11450	11210	4721	4019
MIN	3834	4096	4588	5065	5760	6583	---	---	11090	3809	2352	3628

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 153 cubic feet per second July 15, gage height 4.23 feet;
minimum daily discharge 0.40 cubic feet per second on November 15 & 16.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.61	0.45	0.53	0.64	0.70	0.80	0.81	0.72	0.82	1.2	91	0.61
2	0.60	0.45	0.53	0.65	0.67	1.0	0.81	0.72	0.81	1.2	49	0.60
3	0.60	0.44	0.54	0.65	0.65	0.93	0.80	0.74	0.85	4.4	0.87	0.59
4	0.59	0.44	0.57	0.65	0.65	0.81	0.80	0.80	0.86	15	0.80	0.58
5	0.59	0.46	0.55	0.66	0.68	0.81	0.82	0.83	0.85	76	0.77	0.56
6	0.58	0.45	0.56	0.66	0.68	0.82	0.79	0.80	0.83	92	0.75	0.58
7	0.58	0.45	0.58	0.80	0.71	0.82	0.78	0.77	0.76	115	0.75	0.58
8	0.57	0.54	0.59	0.66	0.72	0.82	0.78	0.77	0.78	137	68	0.58
9	0.57	0.56	0.59	0.67	0.72	0.82	0.77	0.75	0.82	131	119	0.60
10	0.57	0.58	0.59	0.67	0.72	0.83	0.80	0.75	0.84	127	119	0.60
11	0.56	0.57	0.59	0.64	0.72	0.86	0.76	0.75	0.84	134	120	0.59
12	0.56	0.41	0.60	0.65	0.75	0.86	0.76	0.75	0.81	140	127	0.57
13	0.55	0.40	0.60	0.68	0.73	0.86	0.75	0.75	0.81	143	55	0.58
14	0.55	0.42	0.60	0.65	0.73	0.86	0.75	0.78	0.86	141	0.84	0.58
15	0.54	0.40	0.60	0.65	0.73	0.86	0.74	0.78	0.89	147	0.80	0.58
16	0.54	0.40	0.61	0.66	0.74	0.88	0.73	0.79	0.89	147	0.78	0.58
17	0.53	0.41	0.61	0.63	0.74	0.95	0.74	0.79	0.90	144	0.75	0.59
18	0.53	0.42	0.61	0.63	0.74	0.94	0.71	0.79	0.93	127	0.74	0.60
19	0.53	0.43	0.61	0.64	0.74	0.94	0.71	0.79	0.96	97	0.71	0.59
20	0.52	0.43	0.62	0.64	0.75	0.94	0.69	0.79	1.1	80	0.69	0.59
21	0.52	0.44	0.62	0.64	0.75	0.93	0.75	0.85	9.7	76	0.67	0.57
22	0.51	0.45	0.62	0.64	0.75	0.90	0.75	0.86	1.1	90	0.70	0.58
23	0.51	0.46	0.62	0.67	0.79	0.87	0.75	0.86	1.0	110	0.80	0.58
24	0.51	0.47	0.62	0.68	0.76	0.89	0.87	0.86	1.1	114	0.73	0.62
25	0.50	0.47	0.63	0.68	0.79	0.92	0.81	0.86	1.1	48	0.71	0.62
26	0.50	0.48	0.63	0.68	0.79	0.89	0.81	0.78	1.1	110	0.68	0.60
27	0.49	0.49	0.63	0.68	0.83	0.74	0.78	0.78	1.1	97	0.65	0.59
28	0.49	0.50	0.63	0.69	0.80	0.85	0.79	0.78	1.1	80	0.66	0.59
29	0.48	0.48	0.64	0.69	---	0.88	0.76	0.82	1.2	70	0.67	0.59
30	0.46	0.52	0.64	0.69	---	0.88	0.73	0.82	1.2	61	0.65	0.59
31	0.45	---	0.62	0.69	---	0.88	---	0.81	---	75	0.63	---
TOTAL	16.69	13.87	18.58	20.61	20.53	27.04	23.1	24.49	36.91	2930.8	764.8	17.66
MEAN	0.54	0.46	0.60	0.66	0.73	0.87	0.77	0.79	1.2	94.6	24.7	0.59
MAX	0.61	0.58	0.64	0.80	0.83	1.0	0.87	0.86	9.7	147	127	0.62
MIN	0.45	0.40	0.53	0.63	0.65	0.74	0.69	0.72	0.76	1.2	0.63	0.56
AC-FT	33	28	37	41	41	54	46	49	73	5813	1517	35
CAL YEAR 2006	TOTAL		134	MEAN	0.72	MAX	1.2	MIN	0.40	AC-FT	266	
WTR YEAR 2007	TOTAL		3915	MEAN	10.7	MAX	147.0	MIN	0.40	AC-FT	7765	

NIOBRARA RIVER BASIN

MONTAGUE CANAL from Niobrara River, 00102000

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

GAGE.--Continuous stage recorder and concrete flume

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	0.000	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00						

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River, 00081000

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

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

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2007												
	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	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	3.9	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	10	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	9.2	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	7.6	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	6.2	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	5.5	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	4.0	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	3.6	0.00	0.00
13	---	---	---	---	---	---	0.00	0.15	0.00	2.3	0.00	0.00
14	---	---	---	---	---	---	0.00	2.2	0.00	0.82	0.00	0.00
15	---	---	---	---	---	---	0.00	3.5	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	3.9	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	3.4	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	1.0	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	0.77	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	1.7	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	2.6	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	1.9	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	14.15	0	60.09	0	0
MEAN	---	---	---	---	---	---	0.000	0.46	0.000	1.9	0.000	0.000
MAX	---	---	---	---	---	---	0.00	3.9	0.00	10	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	28	0.00	119	0.00	0.00
CAL YEAR 2006	MAX	4.2	MIN	0.000	AC-FT	198						
WTR YEAR 2007	MAX	10.0	MIN	0.000	AC-FT	147						

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River, 00100000

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

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

PERIOD OF RECORD.--1948 - present

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	0.00	0.00	111	0.00
2	---	---	---	---	---	---	0.00	0.00	0.00	0.00	95	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	39	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	94	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	114	52	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	119	108	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	116	114	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	131	110	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	126	115	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	120	73	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	124	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	123	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	133	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	133	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	130	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	118	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	85	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	80	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	82	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	109	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	113	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	108	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	106	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	106	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	91	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	87	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	72	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	76	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	2735	778	0
MEAN	---	---	---	---	---	---	0.000	0.000	0.000	88.2	25.0	0.000
MAX	---	---	---	---	---	---	0.00	0.00	0.00	133	115	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	5425	1543	0.00
CAL YEAR 2006	MAX	154.0	MIN	0.000	AC-FT	10430						
WTR YEAR 2007	MAX	133.0	MIN	0.000	AC-FT	6968						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	2.8	3.1	3.7	4.7
2	0.00	---	---	---	---	---	---	0.00	6.1	3.3	3.4	4.3
3	0.00	---	---	---	---	---	---	0.00	5.9	3.5	4.4	4.9
4	0.00	---	---	---	---	---	---	0.00	5.8	4.4	3.4	2.1
5	0.00	---	---	---	---	---	---	0.00	5.5	4.6	3.4	0.00
6	0.00	---	---	---	---	---	---	0.00	5.1	4.1	5.0	0.00
7	0.00	---	---	---	---	---	---	0.00	6.2	5.1	4.1	0.00
8	0.00	---	---	---	---	---	---	0.00	6.2	4.0	2.0	0.00
9	0.00	---	---	---	---	---	---	0.00	5.9	4.5	4.8	0.00
10	0.00	---	---	---	---	---	---	0.00	5.5	4.1	4.2	0.00
11	0.00	---	---	---	---	---	---	0.00	5.2	3.9	3.9	2.0
12	0.00	---	---	---	---	---	---	0.00	5.6	4.0	4.7	3.8
13	---	---	---	---	---	---	---	0.00	6.0	4.2	4.3	3.5
14	---	---	---	---	---	---	---	0.00	5.3	4.3	5.6	3.5
15	---	---	---	---	---	---	---	0.00	5.3	4.4	5.2	3.5
16	---	---	---	---	---	---	---	0.00	5.2	4.6	5.0	3.4
17	---	---	---	---	---	---	---	0.00	5.8	4.5	4.8	3.6
18	---	---	---	---	---	---	---	0.00	5.6	4.2	4.8	2.2
19	---	---	---	---	---	---	---	0.01	4.8	0.04	4.8	0.00
20	---	---	---	---	---	---	0.00	0.01	5.1	0.00e	4.3	0.00
21	---	---	---	---	---	---	0.00	0.01	4.2	0.00e	3.6	0.00
22	---	---	---	---	---	---	0.00	0.01	0.03	1.0e	3.3	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	1.8e	3.0	0.00
24	---	---	---	---	---	---	0.00	4.2	0.00	2.1e	0.03	0.00
25	---	---	---	---	---	---	0.00	3.2	2.6	2.7e	0.00	0.00
26	---	---	---	---	---	---	0.00	0.04	3.7	3.0e	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	3.8	3.7e	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	3.5	4.8	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	3.4	4.2	0.65	0.00
30	---	---	---	---	---	---	0.00	0.00	3.2	3.2	5.3	0.75
31	---	---	---	---	---	---	---	0.00	---	3.3	5.2	---
TOTAL	0	0	0	0	0	0	0	7.48	133.33	104.64	106.88	42.25
MEAN	0.000	---	---	---	---	---	0.000	0.24	4.4	3.4	3.4	1.4
MAX	0.00	---	---	---	---	---	0.00	4.2	6.2	5.1	5.6	4.9
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	15	264	208	212	84

CAL YEAR 2006	TOTAL	537	MEAN	3.1	MAX	9.1	MIN	0.000	AC-FT	1065
WTR YEAR 2007	TOTAL	395	MEAN	2.2	MAX	6.2	MIN	0.000	AC-FT	783

e indicates estimated discharge.

NIOBRARA RIVER BASIN

SNAKE RIVER at Doughboy, 06459175

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

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

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

PERIOD OF RECORD.--1981 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 239 cubic feet per second May 7, gage height 0.73 feet; minimum daily discharge 132 cubic feet per second estimated February 3.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	148	171	160	164	153	166	198	155	153	152	155	143
2	150	163	157	163	134e	163	179	161	152	152	151	140
3	153	167	154	167	132e	154	167	160	152	154	151	141
4	149	170	156	172	153	157	159	181	150	153	167	138
5	147	171	162	178	165	171	157	213	150	154	181	137
6	151	172	162	170	168	173	156	224	153	154	158	144
7	150	176	154	165	170	177	153	224	150	152	151	148
8	152	174	158	167	165	178	153	208	147	149	148	149
9	151	173	163	165	161	178	154	189	150	150	155	147
10	142	165	166	165	162	175	158	172	151	175	157	153
11	138	161	164	166	162	169	160	166	149	165	146	153
12	136	163	161	149	159e	167	156	160	155	160	146	151
13	142	161	163	148e	147e	170	155	154	185	159	149	148
14	139	162	167	148e	145e	169	155	154	174	158	150	146
15	145	160	165	150e	143e	163	155	150	166	156	153	147
16	156	160	168	153e	165	159	153	151	162	156	162	151
17	153	160	167	159e	167	161	152	149	155	155	155	151
18	158	162	165	162	169	161	152	146	155	156	153	151
19	156	160	157	160	179	162	150	147	155	157	153	153
20	166	161	165	162	188	161	148	150	155	156	153	153
21	167	162	169	167	181	161	153	148	157	155	149	153
22	163	164	162	162	180	157	184	164	162	154	146	151
23	160	167	159	163	182	157	171	155	159	152	162	151
24	168	165	164	165	185	161	191	145	157	151	164	195
25	172	164	163	170	168	163	206	147	154	148	160	191
26	172	164	167	170	165	162	214	155	152	146	152	169
27	166	163	171	166	166	161	205	148	153	150	151	161
28	169	166	172	161	169	160	177	145	154	152	150	159
29	175	158	171	157	---	195	164	149	154	153	149	159
30	180	159	169	155	---	202	161	170	153	150	147	167
31	170	---	163	159	---	220	---	160	---	151	146	---
TOTAL	4844	4944	5064	5028	4583	5233	4996	5100	4674	4785	4770	4600
MEAN	156.2	164.9	163.4	162.2	163.6	168.8	166.5	164.5	155.9	154.3	153.9	153.4
MAX	180	176	172	178	188	220	214	224	185	175	181	195
MIN	136	158	154	148	132	154	148	145	147	146	146	137
AC-FT	9608	9806	10040	9973	9090	10380	9909	10120	9271	9491	9461	9124
CAL YEAR 2006	TOTAL		57514	MEAN	157.6	MAX	241.0	MIN	119.0	AC-FT	114100	
WTR YEAR 2007	TOTAL		58621	MEAN	160.6	MAX	224.0	MIN	132.0	AC-FT	116300	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	40180	52060	60830	61100	60830	61370	62740	67020	67310	65860	42000	31790
2	40720	52280	61100	61100	60830	61100	62740	67020	67310	65280	41440	31650
3	41080	52720	61100	61100	60830	61100	63300	66730	67310	64710	41080	31650
4	41440	52950	61100	61100	60830	61100	63300	67020	67310	64140	40540	31500
5	42000	53400	61100	61100	60830	61100	63300	67310	67020	63300	39820	31360
6	42370	53630	61100	61100	60830	61100	63300	67310	67020	62740	39650	31220
7	42930	54090	61100	61100	60830	61100	63580	67310	67020	61910	38940	31220
8	43310	54320	61100	61100	61100	61100	63860	67310	66730	61100	38260	31360
9	43690	54790	61100	61100	61100	61100	64140	67310	66730	60300	37750	31500
10	44070	55030	61100	61100	61100	61370	64140	67310	66730	59510	37240	31790
11	44460	55500	61100	61100	61370	61370	65000	67020	66730	58730	36750	32080
12	44840	55740	61100	60830	61370	61370	65280	67020	66440	57970	36090	32380
13	45430	55980	61100	60830	61100	61370	65570	66730	67020	57210	35610	32680
14	45830	56470	61100	60560	61100	61370	65570	66730	67310	56470	34970	32980
15	46220	56720	61100	60560	61100	61100	65860	66730	67310	55500	34350	33120
16	46620	57210	61100	60830	61100	61370	65860	66440	67310	54790	33880	33730
17	47030	57460	61100	60830	61100	61100	66150	66440	67020	53860	35580	34040
18	47430	57710	61100	60830	60830	61370	66150	66440	66730	53170	35580	34350
19	47840	58220	61100	60830	61370	61100	66150	66440	66730	52280	35580	35130
20	48250	58480	61370	61100	61370	61100	66440	66440	67020	51470	33280	35610
21	48660	58730	61370	61100	61370	61100	66730	66440	67020	50760	32820	36090
22	48870	58990	61370	61100	61370	61100	67020	66440	67020	49920	32230	36420
23	49080	59250	61370	61100	61370	60830	67020	66730	67020	49080	32080	36910
24	49280	59770	61370	61370	61640	61100	67020	66730	67020	48450	32230	37410
25	49700	60030	61370	61370	61640	61100	67020	66730	67020	47430	32530	37750
26	50130	60300	61370	61370	61640	61100	67310	66730	66730	46620	32820	38260
27	50550	60560	61370	61370	61640	61370	67310	66730	66730	45830	32980	38600
28	50980	60830	61370	61370	61370	61370	67310	67020	66730	45040	32820	39120
29	51190	60830	61370	61370	---	61640	67310	67020	66440	44260	32680	39650
30	51410	60830	61370	61100	---	62190	67310	67600	66150	43500	32230	40000
31	51840	---	61100	61100	---	62190	---	67600	---	42740	31940	---
MEAN	46370	56830	61190	61070	61180	61270	65460	66900	66930	54640	35670	34380
MAX	51840	60830	61370	61370	61640	62190	67310	67600	67310	65860	42000	40000
MIN	40180	52060	60830	60560	60830	60830	62740	66440	66150	42740	31940	31220
CAL YEAR 2006	MEAN	54770	MAX	61370	MIN	40180						
WTR YEAR 2007	MEAN	55950	MAX	67600	MIN	31220						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	66	339	598	275
2	---	---	---	---	---	---	---	0.00	66	413	531	280
3	---	---	---	---	---	---	---	0.00	66	473	487	280
4	---	---	---	---	---	---	---	0.00	66	497	516	297
5	---	---	---	---	---	---	---	0.00	66	522	539	329
6	---	---	---	---	---	---	---	0.00	65	499	570	308
7	---	---	---	---	---	---	---	0.00	65	517	551	193
8	---	---	---	---	---	---	---	0.00	65	545	561	132
9	---	---	---	---	---	---	---	0.00	65	583	540	124
10	---	---	---	---	---	---	---	0.00	65	598	540	105
11	---	---	---	---	---	---	---	0.00	71	560	531	92
12	---	---	---	---	---	---	---	0.00	76	564	532	84
13	---	---	---	---	---	---	---	0.00	70	582	534	80
14	---	---	---	---	---	---	---	0.00	66	596	541	80
15	---	---	---	---	---	---	---	17	66	609	541	28
16	---	---	---	---	---	---	---	126	66	631	494	0.00
17	---	---	---	---	---	---	---	100	66	604	265	0.00
18	---	---	---	---	---	---	---	99	66	618	275	0.00
19	---	---	---	---	---	---	---	99	66	633	326	0.00
20	---	---	---	---	---	---	---	99	66	600	436	0.00
21	---	---	---	---	---	---	---	87	72	608	533	0.00
22	---	---	---	---	---	---	---	80	73	620	513	0.00
23	---	---	---	---	---	---	---	80	71	627	176	0.00
24	---	---	---	---	---	---	---	80	74	630	151	0.00
25	---	---	---	---	---	---	---	80	95	635	151	0.00
26	---	---	---	---	---	---	---	80	144	636	170	0.00
27	---	---	---	---	---	---	---	80	183	629	238	0.00
28	---	---	---	---	---	---	---	80	213	631	349	0.00
29	---	---	---	---	---	---	---	80	268	630	397	0.00
30	---	---	---	---	---	---	---	71	310	621	408	0.00
31	---	---	---	---	---	---	---	66	---	614	352	---
TOTAL	0	0	0	0	0	0	0	1404	2837	17864	13346	2687
MEAN	---	---	---	---	---	---	---	45.2	94.6	576.3	430.5	89.5
MAX	---	---	---	---	---	---	---	126	310	636	598	329
MIN	---	---	---	---	---	---	---	0.00	65	339	151	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2785	5627	35430	26470	5330
CAL YEAR 2006	MAX	633.0	MIN	0.000	AC-FT	83540						
WTR YEAR 2007	MAX	636.0	MIN	0.000	AC-FT	75650						

SNAKE RIVER near Burge, 06459500

LOCATION.--NEL/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 337 cubic feet per second May 6, gage height 2.31 feet; minimum daily discharge 11 cubic feet per second September 3 & 4.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	64	148	260	237	318	221	288	231	35	29	12
2	12	67	195	261	220	318	221	285	210	32	30	12
3	12	65	219	260	220	290	221	285	206	30	30	11
4	13	65	220	260	219	270	222	287	201	30	30	11
5	13	65	220	260	219	269	222	314	200	29	31	12
6	12	65	220	260	219	269	198	326	199	29	30	13
7	13	64	220	260	219	268	151	318	188	29	29	13
8	13	65	220	260	219	267	93	318	182	29	21	13
9	13	66	242	260	219	267	68	317	179	29	16	14
10	14	66	258	259	219	266	62	311	175	30	15	15
11	14	65	259	258	246	266	98	306	177	30	15	15
12	14	65	258	235	263	265	159	303	143	30	14	15
13	14	65	233	222	263	265	187	299	170	29	14	15
14	13	65	220	221	264	265	187	283	196	29	14	15
15	14	65	220	221	266	264	188	239	197	29	14	16
16	16	65	220	221	266	264	188	164	196	29	14	16
17	15	65	220	221	265	263	189	136	208	29	14	16
18	22	65	220	221	244	264	191	138	147	29	14	16
19	48	64	240	220	250	264	194	127	122	28	14	16
20	58	83	259	220	266	262	193	129	126	28	13	16
21	59	67	259	221	266	263	224	128	127	28	13	16
22	59	67	259	222	266	263	275	98	129	28	13	16
23	59	67	259	233	266	236	289	101	131	28	13	16
24	60	67	259	260	267	219	293	101	132	28	13	17
25	61	67	259	259	298	219	300	119	113	28	13	16
26	62	77	259	259	318	220	301	106	74	28	13	17
27	62	105	259	260	318	221	307	111	58	28	13	16
28	62	148	259	261	318	220	308	140	42	28	12	16
29	63	173	259	261	---	222	304	172	39	29	12	17
30	63	151	260	260	---	222	298	263	36	28	12	16
31	64	---	260	260	---	222	---	273	---	28	12	---
TOTAL	1029	2308	7362	7616	7120	7971	6352	6785	4534	901	540	445
MEAN	33.2	76.9	237.6	245.6	254.3	257.2	211.8	218.9	151.2	29.0	17.5	14.8
MAX	64	173	260	261	318	318	308	326	231	35	31	17
MIN	12	64	148	220	219	219	62	98	36	28	12	11
AC-FT	2041	4578	14600	15110	14120	15810	12600	13460	8993	1787	1071	883
CAL YEAR 2006	TOTAL		48347	MEAN	132.5	MAX	275.0	MIN	11.0	AC-FT	95890	
WTR YEAR 2007	TOTAL		52963	MEAN	145.1	MAX	326.0	MIN	11.0	AC-FT	105100	

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.

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 8,680 cubic feet per second May 6, gage height 10.62 feet; maximum gage height 11.82 feet February 23 due to backwater from ice jam; minimum daily discharge 33 cubic feet per second August 1 & 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	64	63	63e	83e	80e	1000e	620	307	615	98	33	69
2	61	61e	49e	88e	80e	817e	525	251	546	94	33	64
3	60	62e	44e	93e	69e	1010e	439	217	461	91	37	61
4	61	64e	60e	105e	63e	878e	389	242	373	85	62	58
5	59	70e	65e	100e	58e	1130e	385	567	312	78	89	54
6	57	75	66e	105e	50e	1010e	315	5580	263	78	248	55
7	55	75	52e	118e	51e	591	265	3190	242	76	132	60
8	58	71	36e	103e	73e	689	268	871	212	68	101	63
9	59	69	52e	98e	86e	2550	282	503	188	63	95	63
10	60	69	59e	101e	82e	2630	306	370	178	64	85	67
11	61	67	71e	82e	234e	1620	308	315	184	63	75	67
12	63	65	84e	64e	297e	1010	313	352	203	66	64	64
13	62	64	83e	58e	346e	722	307	294	310	67	56	63
14	63	63	77e	68e	247e	532	276	248	1010	66	57	62
15	62	69	85e	54e	199e	369	290	209	1060	66	54	61
16	62	70	72e	63e	333e	322	299	177	707	64	54	60
17	64	67	71e	76e	398e	269	293	161	648	64	72	59
18	64	69	77e	78e	451e	237	283	145	525	64	83	59
19	65	66	88e	68e	735e	291	260	143	403	63	88	59
20	65	67	80e	84e	871e	263	254	146	318	61	81	56
21	74	65	60e	80e	759e	221	251	144	268	58	73	53
22	79	68	50e	80e	984e	198	401	143	439	55	70	51
23	78	70	66e	98e	1200e	176	597	149	548	52	71	46
24	73	66	90e	79e	1330e	160	545	143	549	51	71	44
25	69	64	77e	96e	1150e	173	587	142	372	47	76	47
26	68	63	79e	83e	1010e	194	455	140	268	44	76	48
27	65	63	87e	77e	845e	194	399	140	193	41	75	49
28	63	57	95e	65e	991e	158	350	142	154	39	75	47
29	64	55e	102e	90e	---	195	359	159	128	39	78	45
30	67	58e	92e	100e	---	593	344	361	108	37	76	57
31	66	---	84e	81e	---	761	---	625	---	34	74	---
TOTAL	1991	1975	2216	2618	13072	20963	10965	16576	11785	1936	2414	1711
MEAN	64.2	65.8	71.5	84.5	466.9	675.9	365.6	534.7	392.6	62.5	77.9	57.0
MAX	79	75	102	118	1330	2630	620	5580	1060	98	248	69
MIN	55	55	36	54	50	158	251	140	108	34	33	44
AC-FT	3949	3917	4395	5193	25930	41580	21750	32880	23380	3840	4788	3394
CAL YEAR 2006	TOTAL		40953	MEAN	112.2	MAX	888.0	MIN	6.7	AC-FT	81230	
WTR YEAR 2007	TOTAL		88222	MEAN	241.7	MAX	5580	MIN	33.0	AC-FT	175000	

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 2007

	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	1500	1430	1370
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1420	1210
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1420	894
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	133	1500	1440	589
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	681	1500	1450	219
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	755	1500	1450	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	804	1500	1470	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	804	1510	1470	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	801	1500	1480	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	804	1500	1490	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	833	1500	1500	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	933	1480	1500	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	975	1450	1500	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1020	1450	1500	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1100	1450	1500	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1210	1440	1500	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1260	1420	1500	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1270	1420	1500	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1380	1460	1480	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1430	1470	1460	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1490	1470	1460	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1460	1480	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1470	1480	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1470	1470	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1490	1460	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1510	1490	1430	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1490	1420	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1500	1450	1410	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1500	1440	1380	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1500	1440	1370	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1440	1370	---
TOTAL	0	0	0	0	0	0	0	0	31193	45660	45190	4282
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1039	1473	1457	142.9
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1510	1510	1500	1370
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1420	1370	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61870	90570	89630	8493
CAL YEAR 2006	MAX	1500	MIN	0.000	AC-FT	271300						
WTR YEAR 2007	MAX	1510	MIN	0.000	AC-FT	250600						

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 2007

	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	594	596	529
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	599	596	536
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	599	599	527
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	596	599	421
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	594	592	299
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	594	601	89
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	592	608	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400	592	601	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	425	601	608	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	383	601	601	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	372	605	599	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335	621	599	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	352	617	603	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	372	605	596	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	363	601	594	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	389	601	596	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	447	603	596	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	453	594	601	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	494	585	610	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521	581	601	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	531	583	579	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	553	579	568	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	585	585	588	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	583	588	594	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	590	594	585	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	585	599	574	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	579	603	568	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	585	601	561	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	594	603	548	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	592	605	542	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	603	527	---
TOTAL	0	0	0	0	0	0	0	0	11083	18518	18230	2401
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	369.4	597.4	588.1	80.0
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	594	621	610	536
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	579	527	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21980	36730	36160	4762
CAL YEAR 2006	MAX	623.0	MIN	0.000	AC-FT	107800						
WTR YEAR 2007	MAX	621.0	MIN	0.000	AC-FT	99630						

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 2007

	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	984	0.00	1860	1780	1710
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	987	0.00	1870	1780	1700
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	987	0.00	1880	1780	1710
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999	0.00	1870	1780	1700
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1020	0.00	1870	1780	1700
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1010	0.00	1870	1790	1320
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999	0.00	1870	1810	764
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1000	0.00	1880	1830	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	997	0.00	1870	1840	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	997	0.00	1860	1830	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	989	667	1860	1830	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	994	992	1860	1840	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	989	997	1830	1830	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	999	1250	1810	1820	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1010	1320	1810	1820	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	997	1500	1810	1820	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	994	1560	1810	1820	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	994	1560	1810	1820	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	989	1660	1820	1820	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	992	1660	1860	1820	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	994	1750	1860	1820	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	591	1810	1860	1820	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	682	0.00	1820	1850	1820	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	1010	0.00	1820	1860	1820	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	1040	0.00	1820	1860	1810	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	1050	0.00	1860	1860	1820	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	977	0.00	1870	1830	1820	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	984	0.00	1870	1780	1800	0.00
29	0.00	0.00	0.00	0.00	---	0.00	982	0.00	1860	1790	1780	0.00
30	0.00	0.00	0.00	0.00	---	0.00	989	0.00	1860	1790	1720	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1780	1700	---
TOTAL	0	0	0	0	0	0	7714	21512	31506	57100	55970	10604
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	257.2	693.8	1049	1842	1806	353.3
MAX	0.00	0.00	0.00	0.00	0.00	0.00	1050	1020	1870	1880	1840	1710
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1780	1700	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	15300	42670	62490	113300	111000	21030
CAL YEAR 2006	MAX	1780	MIN	0.000	AC-FT	178700						
WTR YEAR 2007	MAX	1880	MIN	0.000	AC-FT	365800						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	350	158	0.00	0.00	0.00	0.00	0.00	2690	4686	6160	4931	2456
2	341	154	0.00	0.00	0.00	0.00	0.00	2977	4627	5998	4913	2365
3	333	149	0.00	0.00	0.00	0.00	0.00	3253	4574	5850	4889	2295
4	322	145	0.00	0.00	0.00	0.00	0.00	3424	4515	5697	4835	2115
5	314	141	0.00	0.00	0.00	0.00	0.00	3802	4462	5508	4751	1874
6	312	135	0.00	0.00	0.00	0.00	0.00	4173	4421	5309	4656	1660
7	308	131	0.00	0.00	0.00	0.00	0.00	4556	4346	5082	4532	1397
8	298	126	0.00	0.00	0.00	0.00	0.00	4835	4294	4883	4416	1271
9	296	118	0.00	0.00	0.00	0.00	0.00	4979	4242	4680	4346	1510
10	294	113	0.00	0.00	0.00	0.00	0.00	5095	4196	4509	4277	1314
11	290	139	0.00	0.00	0.00	0.00	0.00	5205	4139	4427	4185	883
12	277	105	0.00	0.00	0.00	0.00	0.00	5309	4128	4433	4099	614
13	269	106	0.00	0.00	0.00	0.00	0.00	5427	4043	4480	4026	611
14	261	102	0.00	0.00	0.00	0.00	0.00	5502	4538	4521	3924	605
15	256	95	0.00	0.00	0.00	0.00	0.00	5571	5089	4521	3818	608
16	254	88	0.00	0.00	0.00	0.00	0.00	5666	5496	4503	3702	614
17	247	82	0.00	0.00	0.00	0.00	0.00	5704	5940	4480	3614	605
18	240	82	0.00	0.00	0.00	0.00	0.00	5793	6342	4445	3505	597
19	238	75	0.00	0.00	0.00	0.00	0.00	5844	6467	4404	3397	591
20	233	83	0.00	0.00	0.00	0.00	0.00	5882	6473	4375	3269	597
21	224	73	0.00	0.00	0.00	0.00	0.00	5940	6349	4416	3154	586
22	217	67	0.00	0.00	0.00	0.00	0.00	5965	6395	4468	3065	572
23	212	85	0.00	0.00	0.00	0.00	0.00	5876	6460	4527	2967	574
24	205	7.0	0.00	0.00	0.00	0.00	0.00	5297	6486	4579	2906	574
25	204	4.0	0.00	0.00	0.00	0.00	0.00	5070	6506	4644	2875	563
26	194	0.00	0.00	0.00	0.00	0.00	363	5022	6480	4733	2845	558
27	189	0.00	0.00	0.00	0.00	0.00	792	4973	6454	4841	2799	547
28	182	0.00	0.00	0.00	0.00	0.00	1160	4913	6401	4889	2749	544
29	176	0.00	0.00	0.00	---	0.00	1470	4865	6342	4889	2699	552
30	174	0.00	0.00	0.00	---	0.00	2394	4799	6264	4895	2665	531
31	164	---	0.00	0.00	---	0.00	---	4745	---	4919	2557	---
MEAN	254	85	0.00	0.00	0.00	0.00	206	4940	5372	4841	3721	1006
MAX	350	158	0.00	0.00	0.00	0.00	2394	5965	6506	6160	4931	2456
MIN	164	0.00	0.00	0.00	0.00	0.00	0.00	2690	4043	4375	2557	531
CAL YEAR 2006	MEAN	1677	MAX	7198	MIN	0.00						
WTR YEAR 2007	MEAN	1717	MAX	6506	MIN	0.00						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	301	233	152	143	87	61	19	334	205	290	329	330
2	301	221	153	134	84	58	19	343	199	287	328	330
3	303	212	151	132	84	56	19	357	193	288	328	326
4	301	208	146	129	81	55	19	339	188	289	328	335
5	294	202	149	128	81	54	19	343	182	276	327	333
6	294	198	148	126	83	53	19	352	177	279	323	326
7	294	196	149	125	82	53	19	355	171	284	321	317
8	293	195	148	123	79	52	19	359	173	289	325	304
9	296	193	148	121	77	51	19	357	173	288	320	313
10	295	193	148	119	75	49	19	355	172	292	318	310
11	295	186	148	120	76	48	19	358	171	297	319	293
12	293	175	150	119	77	46	19	354	174	302	315	279
13	293	172	150	116	74	44	19	355	195	304	317	272
14	293	175	153	116	73	41	19	358	241	305	321	268
15	293	174	156	113	70	38	19	358	286	305	323	263
16	294	174	156	111	69	32	19	359	313	305	317	261
17	294	174	155	109	69	33	19	360	328	304	327	259
18	293	167	157	108	69	20	18	357	332	302	317	255
19	292	162	151	109	70	18	19	357	357	296	316	253
20	294	160	154	107	69	18	19	359	366	295	309	251
21	292	160	155	106	72	18	19	362	366	296	308	249
22	288	158	155	105	69	19	19	361	330	296	312	249
23	278	160	154	102	70	19	19	362	309	295	314	251
24	272	159	154	102	68	19	19	354	301	293	313	253
25	268	154	154	103	66	18	19	310	301	297	317	252
26	262	155	153	103	64	18	174	282	302	307	307	252
27	259	152	155	100	63	18	250	257	301	325	310	251
28	257	152	151	96	62	19	283	242	299	323	302	251
29	255	152	148	94	---	19	309	232	294	333	302	251
30	251	150	146	91	---	19	332	220	292	326	301	251
31	245	---	145	90	---	19	---	212	---	327	321	---
MEAN	285	177	151	113	74	35	61	331	256	300	317	280
MAX	303	233	157	143	87	61	332	362	366	333	329	335
MIN	245	150	145	90	62	18	18	212	171	276	301	249
CAL YEAR 2006	MEAN	205	MAX	303	MIN	145						
WTR YEAR 2007	MEAN	199	MAX	366	MIN	18						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17980	17530	17200	17100	16820	16670	16510	19540	39320	34090	21890	15600
2	17970	17510	17190	17080	16820	16670	16500	20270	39240	33560	21650	15530
3	17960	17510	17170	17080	16810	16620	16510	21040	39190	33090	21440	15520
4	17920	17510	17170	17080	16800	16610	16490	21740	39150	32600	21250	15600
5	17910	17500	17160	17070	16800	16610	16490	22460	39100	32130	21010	15760
6	17910	17500	17150	17060	16800	16600	16460	23140	39030	31640	20840	15990
7	17920	17490	17130	17050	16800	16600	16460	23850	38930	31110	20580	16150
8	17860	17480	17130	17030	16790	16600	16440	24570	38880	30610	20340	16500
9	17860	17480	17130	17030	16770	16590	16440	25440	38840	30100	20090	16970
10	17860	17450	17120	17020	16770	16590	16430	26320	38770	29590	19820	17460
11	17840	17350	17110	17020	16770	16580	16420	27210	38740	29070	19570	17920
12	17810	17420	17110	17000	16790	16580	16390	28120	38650	28600	19300	18270
13	17790	17410	17110	17000	16760	16560	16390	29000	38470	28150	19050	18260
14	17780	17410	17100	16980	16760	16550	16380	29900	38370	27740	18740	18200
15	17770	17400	17080	16970	16760	16540	16370	30820	38280	27340	18510	18190
16	17780	17400	17070	16970	16760	16540	16340	31760	38120	26950	18230	18200
17	17750	17390	17060	16960	16750	16540	16340	32300	38050	26560	18020	18190
18	17730	17360	17050	16950	16750	16500	16300	33680	37870	26180	17810	18160
19	17730	17350	17050	16930	16750	16490	16300	34590	37840	25780	17600	18140
20	17680	17350	17130	16930	16740	16500	16290	35520	37870	25380	17400	18150
21	17690	17320	17130	16930	16740	16490	16260	36450	37850	25050	17190	18130
22	17670	17310	17120	16920	16740	16450	16230	37350	37750	24640	17020	18100
23	17670	17310	17120	16910	16770	16450	16230	38300	37500	24250	16820	18090
24	17650	17300	17110	16910	16720	16510	16290	39220	37140	23870	16650	18070
25	17640	17290	17110	16900	16710	16530	16280	39640	36820	23460	16530	18050
26	17630	17260	17110	16900	16700	16490	16350	39590	36400	23080	16420	18040
27	17610	17250	17100	16890	16690	16480	16800	39530	36010	22750	16290	18010
28	17600	17250	17120	16870	16690	16300	17410	39530	35550	22850	16150	17980
29	17590	17220	17110	16860	---	16540	18090	39520	35060	22600	16000	17980
30	17540	17210	17110	16860	---	16540	18800	39420	34570	22370	15830	17950
31	17540	---	17110	16850	---	16510	---	39370	---	22130	15670	---
MEAN	17760	17380	17120	16970	16760	16540	16570	31260	37910	27330	18510	17440
MAX	17980	17530	17200	17100	16820	16670	18800	39640	39320	34090	21890	18270
MIN	17540	17210	17050	16850	16690	16300	16230	19540	34570	22130	15670	15520
CAL YEAR 2006	MEAN	17420	MAX	17980	MIN	17050						
WTR YEAR 2007	MEAN	20980	MAX	39640	MIN	15520						

NORTH PLATTE RIVER BASIN

WINTERS CREEK RESERVOIR, 00412000

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

GAGE.--Reference point

PERIOD OF RECORD.--1992 - present

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

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

STORAGE (ACFT), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	536	490	442	378	341	341	341	341	1018	764	613	630
2	529	484	442	376	341	341	341	341	1011	758	615	628
3	529	480	436	373	341	341	341	341	1007	742	613	628
4	529	480	434	367	341	341	341	341	1000	730	615	628
5	527	477	434	366	341	341	341	341	993	724	613	624
6	527	477	433	363	341	341	341	341	984	724	615	626
7	525	477	430	361	341	341	341	343	975	716	613	626
8	525	477	422	354	341	341	341	350	968	714	611	622
9	525	475	422	353	341	341	341	388	961	710	609	624
10	525	474	417	353	341	341	341	403	955	700	607	622
11	522	474	417	351	341	341	341	446	948	692	605	624
12	522	474	417	353	341	341	341	489	941	688	602	630
13	520	467	412	360	341	341	341	534	935	682	600	636
14	518	462	409	341	341	341	341	576	928	678	600	637
15	515	464	409	449	341	341	341	661	926	674	602	637
16	515	464	405	341	341	341	341	714	919	670	598	641
17	515	464	403	341	341	341	341	746	915	666	613	647
18	515	464	399	341	341	341	341	822	893	661	615	647
19	509	460	394	341	341	341	341	882	884	657	617	653
20	504	460	396	341	341	341	341	937	882	653	618	651
21	504	460	396	341	341	341	341	1000	875	649	615	651
22	502	459	396	341	341	341	341	1057	869	647	622	653
23	501	459	394	341	341	341	341	1076	858	645	620	655
24	501	459	394	341	341	341	341	1067	843	641	620	655
25	499	457	392	341	341	341	341	1060	833	632	626	655
26	497	457	388	341	341	341	341	1055	822	624	626	655
27	496	452	388	341	341	341	341	1048	814	622	630	657
28	494	452	386	341	341	341	341	1043	803	626	628	655
29	492	451	386	341	---	341	341	1039	789	622	628	655
30	492	442	383	341	---	341	341	1032	774	617	630	655
31	490	---	382	341	---	341	---	1025	---	615	628	---
MEAN	513	466	408	353	341	341	341	704	911	676	615	640
MAX	536	490	442	449	341	341	341	1076	1018	764	630	657
MIN	490	442	382	341	341	341	341	341	774	615	598	622
CAL YEAR 2006	MEAN	463	MAX	536	MIN	382						
WTR YEAR 2007	MEAN	527	MAX	1076	MIN	341						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	45	113	86	344	285	137
2	---	---	---	---	---	---	45	109	86	343	269	138
3	---	---	---	---	---	---	139	108	88	302	267	139
4	---	---	---	---	---	---	121	114	89	303	267	138
5	---	---	---	---	---	---	122	123	91	300	267	138
6	---	---	---	---	---	---	123	128	93	294	266	139
7	---	---	---	---	---	---	123	122	135	293	267	139
8	---	---	---	---	---	---	123	119	148	293	269	139
9	---	---	---	---	---	---	122	116	150	293	249	139
10	---	---	---	---	---	---	122	114	153	290	250	129
11	---	---	---	---	---	---	124	110	154	271	249	69
12	---	---	---	---	---	---	121	108	152	263	249	68
13	---	---	---	---	---	---	119	105	151	265	249	68
14	---	---	---	---	---	---	117	103	153	266	251	108
15	---	---	---	---	---	---	116	102	156	259	250	148
16	---	---	---	---	---	---	114	100	157	255	250	148
17	---	---	---	---	---	---	113	98	159	254	249	176
18	---	---	---	---	---	---	110	99	160	255	250	186
19	---	---	---	---	---	---	111	98	161	255	250	173
20	---	---	---	---	---	---	108	98	181	253	250	164
21	---	---	---	---	---	---	108	97	214	256	242	168
22	---	---	---	---	---	---	107	100	224	261	243	168
23	---	---	---	---	---	---	106	102	226	270	244	168
24	---	---	---	---	---	---	114	102	274	269	238	168
25	---	---	---	---	---	---	125	97	301	279	218	168
26	---	---	---	---	---	156	129	95	320	286	217	120
27	---	---	---	---	---	84	126	95	320	286	216	100
28	---	---	---	---	---	117	122	95	319	281	202	100
29	---	---	---	---	---	45	119	93	338	286	198	99
30	---	---	---	---	---	45	116	89	347	287	183	99
31	---	---	---	---	---	45	---	87	---	286	163	---
TOTAL	0	0	0	0	0	492	3410	3239	5586	8698	7517	4041
MEAN	---	---	---	---	---	81.8	113.6	104.4	186.2	280.5	242.6	134.7
MAX	---	---	---	---	---	156	139	128	347	344	285	186
MIN	---	---	---	---	---	45	45	87	86	253	163	68
AC-FT	0.00	0.00	0.00	0.00	0.00	976	6764	6424	11080	17250	14910	8015
CAL YEAR 2006	MAX	319.0	MIN	0.000	AC-FT	55950						
WTR YEAR 2007	MAX	347.0	MIN	45.0	AC-FT	65420						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1.5	4.4	158	162	47
2	---	---	---	---	---	---	---	0.84	5.6	164	156	44
3	---	---	---	---	---	---	---	0.47	5.2	165	159	47
4	---	---	---	---	---	---	81	1.2	5.9	169	164	43
5	---	---	---	---	---	---	84	3.1	3.7	165	158	19
6	---	---	---	---	---	---	87	14	6.4	162	156	20
7	---	---	---	---	---	---	77	12	26	161	157	16
8	---	---	---	---	---	---	76	7.9	64	160	164	16
9	---	---	---	---	---	---	70	4.5	57	163	157	16
10	---	---	---	---	---	---	58	3.7	52	162	143	18
11	---	---	---	---	---	---	49	3.3	57	164	139	13
12	---	---	---	---	---	---	48	3.7	61	166	140	3.3
13	---	---	---	---	---	---	44	7.3	58	160	137	1.9
14	---	---	---	---	---	---	37	7.4	55	157	132	1.1
15	---	---	---	---	---	---	30	8.0	58	161	136	43
16	---	---	---	---	---	---	19	4.3	59	161	137	44
17	---	---	---	---	---	---	13	3.1	71	164	134	51
18	---	---	---	---	---	---	9.3	3.7	67	165	133	67
19	---	---	---	---	---	---	6.2	6.0	64	160	133	66
20	---	---	---	---	---	---	5.7	4.2	63	157	132	52
21	---	---	---	---	---	---	3.3	3.5	89	160	127	52
22	---	---	---	---	---	---	2.8	3.1	96	158	128	56
23	---	---	---	---	---	---	2.0	6.5	100	156	191	60
24	---	---	---	---	---	---	2.2	6.0	106	150	142	59
25	---	---	---	---	---	---	10	3.7	153	146	120	59
26	---	---	---	---	---	---	12	1.9	166	170	105	57
27	---	---	---	---	---	---	8.8	1.6	159	172	104	30
28	---	---	---	---	---	---	5.4	2.8	157	173	88	26
29	---	---	---	---	---	---	5.4	2.3	163	171	77	28
30	---	---	---	---	---	---	3.7	6.5	160	168	68	30
31	---	---	---	---	---	---	---	5.9	---	170	68	---
TOTAL	0	0	0	0	0	0	849.8	144.01	2192.2	5038	4147	1085.3
MEAN	---	---	---	---	---	---	31.4	4.6	73.1	162.5	133.8	36.2
MAX	---	---	---	---	---	---	87	14	166	173	191	67
MIN	---	---	---	---	---	---	2.0	0.47	3.7	146	68	1.1
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1686	286	4348	9993	8225	2153
CAL YEAR 2006	MAX	170.0	MIN	5.2	AC-FT	29090						
WTR YEAR 2007	MAX	191.0	MIN	0.47	AC-FT	26690						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1210	240
2	258	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1330	1220	240
3	258	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1220	240
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1220	240
5	244	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1200	240
6	225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1200	240
7	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1200	0.00
8	185	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1200	0.00
9	40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1200	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1210	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1280	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1280	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1320	1220	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1320	1250	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155	1290	1240	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	341	1280	1240	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	475	1260	1230	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	669	1210	1230	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	800	1210	1230	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	886	1150	1230	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1190	1230	108
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1100	1190	1200	100
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	1190	1200	93
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	1190	1170	126
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	1240	1100	123
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1200	1240	1070	170
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1290	1240	1020	185
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1340	1240	1020	172
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1370	1210	989	165
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1370	1210	940	168
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1210	872	---
TOTAL	1675	0	0	0	0	0	0	0	14596	39790	36321	2850
MEAN	54.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	486.6	1284	1171	95.0
MAX	265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1370	1370	1280	240
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1150	872	0.00
AC-FT	3322	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28950	78920	72040	5653
CAL YEAR 2006	MAX	1440	MIN	0.000	AC-FT	205200						
WTR YEAR 2007	MAX	1370	MIN	0.000	AC-FT	188900						

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 2007												
	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	7.0	40	42
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	40	40
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	42	40
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	42	39
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	40	39
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	36	41
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28	37	43
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30	38	41
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37	37	42
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35	37	44
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34	37	40
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38	36	39
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36	38	38
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32	38	38
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32	30	38
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32	32	38
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35	32	39
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34	32	38
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	33	38
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	37	38
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	21	34	38
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	20	36	34
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	24	42	28
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	23	43	28
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	21	41	27
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	27	42	27
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	34	42	27
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	42	41	26
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	9.0	49	39	27
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	7.0	39	41	27
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	40	42	---
TOTAL	0	0	0	0	0	0	0	0	52	864	1177	1084
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.7	27.9	38.0	36.1
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	49	43	44
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	30	26
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103	1714	2335	2150
CAL YEAR 2006	MAX		43.0	MIN	0.000	AC-FT	6662					
WTR YEAR 2007	MAX		49.0	MIN	0.000	AC-FT	6301					

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	7.0	5.0	7.0	6.0	5.0
2	---	---	---	---	---	---	---	7.0	5.0	7.0	6.0	5.0
3	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
4	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
5	---	---	---	---	---	---	---	8.0	4.0	7.0	7.0	5.0
6	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
7	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
8	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
9	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
10	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	5.0
11	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	3.0
12	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	3.0
13	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	3.0
14	---	---	---	---	---	---	---	7.0	5.0	7.0	7.0	3.0
15	---	---	---	---	---	---	---	7.0	5.0	7.0	7.0	3.0
16	---	---	---	---	---	---	---	8.0	5.0	7.0	7.0	3.0
17	---	---	---	---	---	---	7.0	8.0	5.0	7.0	7.0	3.0
18	---	---	---	---	---	---	7.0	8.0	5.0	7.0	7.0	0.00
19	---	---	---	---	---	---	8.0	9.0	6.0	8.0	7.0	0.00
20	---	---	---	---	---	---	8.0	9.0	5.0	8.0	7.0	0.00
21	---	---	---	---	---	---	8.0	8.0	6.0	8.0	7.0	0.00
22	---	---	---	---	---	---	8.0	8.0	7.0	8.0	7.0	0.00
23	---	---	---	---	---	---	8.0	7.0	7.0	8.0	7.0	0.00
24	---	---	---	---	---	---	8.0	8.0	7.0	8.0	7.0	0.00
25	---	---	---	---	---	---	7.0	7.0	5.0	8.0	7.0	0.00
26	---	---	---	---	---	---	7.0	7.0	5.0	8.0	7.0	3.0
27	---	---	---	---	---	---	7.0	7.0	5.0	8.0	7.0	3.0
28	---	---	---	---	---	---	7.0	7.0	8.0	9.0	7.0	3.0
29	---	---	---	---	---	---	7.0	7.0	7.0	7.0	7.0	3.0
30	---	---	---	---	---	---	7.0	6.0	7.0	7.0	7.0	3.0
31	---	---	---	---	---	---	---	5.0	---	6.0	4.0	---
TOTAL	0	0	0	0	0	0	104	235	164	227	212	86
MEAN	---	---	---	---	---	---	7.4	7.6	5.5	7.3	6.8	2.9
MAX	---	---	---	---	---	---	8.0	9.0	8.0	9.0	7.0	5.0
MIN	---	---	---	---	---	---	7.0	5.0	4.0	6.0	4.0	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	206	466	325	450	420	171
CAL YEAR 2006	MAX	7.0	MIN	6.0	AC-FT	1948						
WTR YEAR 2007	MAX	9.0	MIN	0.000	AC-FT	2039						

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 2007

	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	12	7.0	11
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	8.0	10
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	8.0	10
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	8.0	12
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	8.0	13
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	8.0	15
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	10	13
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	14
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	13
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	15
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	8.0	15
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	8.0	15
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	10	14
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	9.0	14
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	13	14
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	13	13
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	14	13
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	3.0	13	13
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	3.0	14	12
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.0	4.0	14	12
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	6.0	14	12
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	6.0	16	12
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	6.0	17	11
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	6.0	18	11
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	6.0	15	11
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.0	6.0	17	11
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	7.0	17	11
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	8.0	17	11
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	8.0	7.0	17	11
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	10	7.0	19	10
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	8.0	11	---
TOTAL	0	0	0	0	0	0	0	0	79	154	378	372
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.6	5.0	12.2	12.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	12	19	15
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	7.0	10
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	157	305	750	738
CAL YEAR 2006	MAX	18.0	MIN	0.000	AC-FT	2164						
WTR YEAR 2007	MAX	19.0	MIN	0.000	AC-FT	1950						

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 2007												
	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	10	5.0	3.0	10	6.0
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	6.0	3.0	13	2.0
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.0	6.0	3.0	14	1.0
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	6.0	2.0	15	1.0
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	6.0	3.0	16	2.0
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	6.0	2.0	16	2.0
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	5.0	2.0	16	2.0
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.0	5.0	2.0	15	6.0
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	5.0	3.0	16	4.0
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	5.0	3.0	16	3.0
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	4.0	3.0	17	1.0
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	4.0	3.0	16	1.0
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10	4.0	4.0	14	1.0
14	0.00	0.00	0.00	0.00	0.00	0.00	20	11	3.0	4.0	14	1.0
15	0.00	0.00	0.00	0.00	0.00	0.00	18	11	3.0	4.0	7.0	1.0
16	0.00	0.00	0.00	0.00	0.00	0.00	16	11	3.0	3.0	7.0	1.0
17	0.00	0.00	0.00	0.00	0.00	0.00	15	11	2.0	3.0	8.0	1.0
18	0.00	0.00	0.00	0.00	0.00	0.00	15	10	2.0	4.0	18	1.0
19	0.00	0.00	0.00	0.00	0.00	0.00	14	10	2.0	7.0	19	1.0
20	0.00	0.00	0.00	0.00	0.00	0.00	14	10	2.0	8.0	19	1.0
21	0.00	0.00	0.00	0.00	0.00	0.00	14	9.0	2.0	8.0	19	1.0
22	0.00	0.00	0.00	0.00	0.00	0.00	13	10	2.0	8.0	20	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	14	10	2.0	8.0	13	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	15	9.0	1.0	8.0	11	1.0
25	0.00	0.00	0.00	0.00	0.00	0.00	14	8.0	2.0	9.0	16	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	13	7.0	2.0	9.0	22	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	13	6.0	2.0	10	15	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	11	6.0	3.0	9.0	19	0.00
29	0.00	0.00	0.00	0.00	---	0.00	11	6.0	2.0	11	27	0.00
30	0.00	0.00	0.00	0.00	---	0.00	10	6.0	2.0	12	27	0.00
31	0.00	---	0.00	0.00	---	0.00	---	6.0	---	12	6.0	---
TOTAL	0	0	0	0	0	0	240	282	104	173	481	41
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	8.0	9.1	3.5	5.6	15.5	1.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	20	11	6.0	12	27	6.0
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.0	1.0	2.0	6.0	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	476	559	206	343	954	81
CAL YEAR 2006	MAX	18.0	MIN	0.000	AC-FT	1835						
WTR YEAR 2007	MAX	27.0	MIN	0.000	AC-FT	2620						

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 2007												
	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	23	29	27
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	25	27
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	26	26
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	26	27
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	28	27
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	28	28
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	28	28
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	29	28
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	28	21
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	29	21
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	31	21
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	28	20
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	32	20
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	32	20
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	27	20
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24	25	20
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27	26	23	21
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	26	20	20
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	29	19	21
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	27	21	21
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	25	22	21
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	26	25	21
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17	25	28	21
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	25	28	21
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	25	26	21
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	27	29	21
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	29	33	21
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	28	31	20
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	22	27	31	17
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	24	30	30	14
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	29	28	---
TOTAL	0	0	0	0	0	0	0	0	271	781	845	662
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.0	25.2	27.3	22.1
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27	30	33	28
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	19	14
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	538	1549	1676	1313
CAL YEAR 2006	MAX		34.0	MIN	0.000	AC-FT	4596					
WTR YEAR 2007	MAX		33.0	MIN	0.000	AC-FT	5076					

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	85	---	---	---	---	---	---	0.00	0.00	257	246	196
2	81	---	---	---	---	---	---	0.00	0.00	247	243	177
3	73	---	---	---	---	---	---	0.00	0.00	237	251	170
4	63	---	---	---	---	---	---	0.00	0.00	241	257	131
5	59	---	---	---	---	---	---	0.00	0.00	243	243	92
6	71	---	---	---	---	---	---	0.00	0.00	244	230	73
7	34	---	---	---	---	---	---	0.00	0.00	240	229	84
8	4.5	---	---	---	---	---	---	0.00	0.00	240	243	123
9	0.00	---	---	---	---	---	---	0.00	0.00	249	247	120
10	0.00	---	---	---	---	---	---	0.00	0.00	253	233	103
11	0.00	---	---	---	---	---	---	0.00	0.00	253	230	52
12	0.00	---	---	---	---	---	0.00	0.00	0.00	251	236	36
13	0.00	---	---	---	---	---	0.00	0.00	0.00	254	231	23
14	0.00	---	---	---	---	---	0.00	0.00	0.00	254	230	18
15	0.00	---	---	---	---	---	0.00	0.00	0.00	251	234	18
16	0.00	---	---	---	---	---	0.00	0.00	0.00	255	247	25
17	0.00	---	---	---	---	---	0.00	0.00	0.00	247	245	27
18	---	---	---	---	---	---	0.00	0.00	0.00	242	261	23
19	---	---	---	---	---	---	0.00	0.00	153	243	252	19
20	---	---	---	---	---	---	0.00	0.00	188	241	253	16
21	---	---	---	---	---	---	0.00	0.00	178	262	254	11
22	---	---	---	---	---	---	0.00	0.00	171	264	254	7.2
23	---	---	---	---	---	---	0.00	0.00	223	258	256	7.1
24	---	---	---	---	---	---	0.00	0.00	242	255	265	6.6
25	---	---	---	---	---	---	0.00	0.00	254	257	250	6.3
26	---	---	---	---	---	---	0.00	0.00	245	255	244	6.2
27	---	---	---	---	---	---	0.00	0.00	229	266	227	6.2
28	---	---	---	---	---	---	0.00	0.00	225	265	229	6.2
29	---	---	---	---	---	---	0.00	0.00	230	261	226	7.9
30	---	---	---	---	---	---	0.00	0.00	248	254	236	8.2
31	---	---	---	---	---	---	---	0.00	---	257	213	---
TOTAL	470.5	0	0	0	0	0	0	0	2586	7796	7495	1598.9
MEAN	27.7	---	---	---	---	---	0.000	0.000	86.2	251.4	241.8	53.3
MAX	85	---	---	---	---	---	0.00	0.00	254	266	265	196
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	237	213	6.2
AC-FT	933	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5129	15460	14870	3171
CAL YEAR 2006	MAX	276.0	MIN	0.000	AC-FT	49650						
WTR YEAR 2007	MAX	266.0	MIN	0.000	AC-FT	39560						

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 fair, 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 622 cubic feet per second September 6, gage height 5.07 feet; minimum daily discharge 5.9 cubic feet per second on May 15.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	19	13	32	20	15	18	18	6.4	25	84	115
2	28	19	12	33	19	15	26	8.1	7.3	21	82	115
3	27	20	19	28	22	20	20	9.2	8.3	21	92	105
4	26	18	18	12	25	14	13	10	9.4	20	100	245
5	27	18	8.0	13	29	15	11	16	9.3	20	86	546
6	26	18	8.2	19	28	12	9.8	25	11	21	81	597
7	26	18	8.1	33	20	11	10	15	11	20	78	363
8	26	17	8.4	27	17	10	11	12	44	26	73	263
9	26	16	8.7	14	14	9.5	9.3	11	256	22	69	181
10	27	15	9.2	14	14	9.1	7.1	13	230	29	76	111
11	26	15	9.3	20	20	8.8	7.3	13	218	31	80	84
12	24	15	9.2	44	11e	8.9	6.8	11	174	24	97	72
13	25	14	9.3	26	21e	9.6	7.4	12	114	34	99	60
14	24	14	10	25	24e	10.0	8.1	7.0	86	51	69	56
15	23	13	10	25	23e	9.9	8.4	5.9	84	63	168	56
16	23	13	9.7	27	33e	10	8.4	7.3	52	63	137	53
17	22	13	9.5	33	44e	11	8.8	7.3	40	76	147	51
18	23	13	9.4	35	61e	11	8.3	7.8	69	68	92	46
19	22	12	16	39	74e	12	8.2	8.7	56	58	139	43
20	22	12	14	46	44	14	9.1	9.3	53	38	89	44
21	21	12	22	47	44	16	10	8.9	41	40	82	39
22	20	12	22	50	31	20	11	7.4	38	49	75	38
23	21	12	26	55	26	21	11	6.5	28	47	183	37
24	21	11	26	49	23	24	13	7.3	26	54	98	35
25	22	10	28	17	19	25	22	10	26	51	100	34
26	21	10	26	11	18	82	13	7.8	26	54	106	34
27	21	11	11	11	17	66	11	10	31	61	109	33
28	32	8.4	11	22	18	8.4	11	10	24	107	106	33
29	41	13	40	14	---	9.3	12	8.6	25	108	101	33
30	20	13	15	26	---	8.9	13	6.8	27	88	108	33
31	20	---	29	17	---	14	---	6.7	---	74	109	---
TOTAL	762	424.4	475	864	759	530.4	343	316.6	1830.7	1464	3115	3555
MEAN	24.6	14.2	15.3	27.9	27.1	17.2	11.5	10.2	61.1	47.2	100.5	118.5
MAX	41	20	40	55	74	82	26	25	256	108	183	597
MIN	20	8.4	8.0	11	11	8.4	6.8	5.9	6.4	20	69	33
AC-FT	1511	842	942	1714	1505	1052	680	628	3631	2904	6179	7051
CAL YEAR 2006	TOTAL		16121	MEAN	44.2	MAX	1310	MIN	5.0	AC-FT	31980	
WTR YEAR 2007	TOTAL		14439	MEAN	39.6	MAX	597.0	MIN	5.9	AC-FT	28640	

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.

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 107 cubic feet per second April 19, gage height 3.72 feet; minimum daily discharge 5.8 cubic feet per second August 28.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.6	44	44	42	37	39	37	34	33	22	7.8	7.2
2	9.3	45	44	41	37	39	37	32	26	24	7.4	7.1
3	9.2	45	43	41	37	39	36	28	26	26	7.1	6.9
4	16	46	42	38	37	39	36	30	27	26	6.7	7.1
5	41	45	42	36	37	39	37	31	28	20	6.4	6.9
6	52	46	41	37	38	38	37	32	29	14	6.6	6.7
7	49	47	43	39	38	38	36	30	23	12	6.4	6.4
8	48	46	44	39	37	38	36	31	20	11	6.0	6.2
9	49	46	43	33	38	38	37	32	21	10	6.4	6.3
10	49	46	42	33	38	38	36	32	22	9.5	6.4	6.3
11	49	46	42	34	38	38	39	31	21	8.8	6.5	8.2
12	49	46	42	34	38	38	44	35	22	8.5	6.9	7.9
13	49	46	42	35	38	38	35	48	22	8.3	7.1	7.9
14	47	46	42	34	38	38	35	46	21	8.1	7.3	8.5
15	45	44	40	30	38	38	38	32	18	8.7	7.3	8.5
16	44	45	40	33	39	38	38	36	16	10	7.4	8.4
17	44	44	39	33	39	38	30	36	15	11	7.5	8.3
18	45	42	40	34	39	38	29	32	14	10	7.6	8.5
19	45	41	39	34	40	38	46	28	13	11	7.2	8.8
20	46	42	41	34	37	38	34	26	13	11	7.1	8.8
21	45	44	40	34	37	38	34	27	13	11	6.5	8.8
22	45	44	39	33	38	38	32	28	13	11	6.4	12
23	45	45	40	33	40	38	32	30	13	11	6.4	18
24	46	45	40	35	40	39	38	31	13	10	6.4	19
25	46	45	39	35	40	40	40	32	13	10	6.5	19
26	45	45	40	37	40	37	41	30	13	9.6	6.5	18
27	46	45	40	37	39	36	39	29	14	10	6.3	17
28	46	45	39	36	40	39	35	28	26	9.8	5.8	17
29	46	44	42	37	---	47	35	30	23	9.8	6.1	17
30	45	43	41	37	---	47	34	31	19	9.1	6.4	17
31	44	---	42	37	---	43	---	35	---	8.3	6.8	---
TOTAL	1294.1	1343	1277	1105	1072	1207	1093	993	590	379.5	209.2	313.7
MEAN	41.7	44.8	41.3	35.7	38.2	38.8	36.4	32.0	19.7	12.2	6.8	10.4
MAX	52	47	44	42	40	47	46	48	33	26	7.8	19
MIN	9.2	41	39	30	37	36	29	26	13	8.1	5.8	6.2
AC-FT	2567	2664	2533	2192	2126	2394	2168	1970	1170	753	415	622
CAL YEAR 2006	TOTAL		11519	MEAN	31.6	MAX	52.0	MIN	3.3	AC-FT	22850	
WTR YEAR 2007	TOTAL		10876	MEAN	29.8	MAX	52.0	MIN	5.8	AC-FT	21570	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	60	---	---	---	---	---	0.00	0.00	41	60	104	102
2	59	---	---	---	---	---	0.00	0.00	40	55	102	135
3	59	---	---	---	---	---	0.00	0.00	40	40	102	123
4	36	---	---	---	---	---	0.00	0.00	40	40	101	83
5	0.00	---	---	---	---	---	0.00	0.00	40	25	98	74
6	0.00	---	---	---	---	---	0.00	0.00	40	1.3	96	65
7	0.00	---	---	---	---	---	0.00	0.00	44	15	97	61
8	0.00	---	---	---	---	---	0.00	0.00	51	63	97	57
9	0.00	---	---	---	---	---	0.00	0.00	84	105	97	54
10	0.00	---	---	---	---	---	0.00	0.00	89	112	98	57
11	---	---	---	---	---	---	0.00	20	90	97	99	55
12	---	---	---	---	---	---	0.00	35	88	97	100	54
13	---	---	---	---	---	---	0.00	37	83	106	103	50
14	---	---	---	---	---	---	0.00	38	80	106	110	44
15	---	---	---	---	---	---	0.00	38	75	103	107	38
16	---	---	---	---	---	---	0.00	38	71	111	110	36
17	---	---	---	---	---	---	0.00	38	66	117	105	37
18	---	---	---	---	---	---	0.00	37	66	119	101	40
19	---	---	---	---	---	---	0.00	36	67	117	104	38
20	---	---	---	---	---	---	0.00	34	67	117	110	32
21	---	---	---	---	---	---	0.00	33	67	122	107	14
22	---	---	---	---	---	---	0.00	33	66	128	107	1.4
23	---	---	---	---	---	---	0.00	34	66	126	118	0.00
24	---	---	---	---	---	---	0.00	35	68	122	111	0.00
25	---	---	---	---	---	---	0.00	36	70	114	108	0.00
26	---	---	---	---	---	0.00	0.00	37	75	114	104	0.00
27	---	---	---	---	---	0.00	0.00	39	70	104	98	0.00
28	---	---	---	---	---	0.00	0.00	40	74	111	98	0.00
29	---	---	---	---	---	0.00	0.00	42	78	108	99	0.00
30	---	---	---	---	---	0.00	0.00	42	74	101	102	0.00
31	---	---	---	---	---	0.00	---	41	---	105	105	---
TOTAL	214	0	0	0	0	0	0	763	1970	2861.3	3198	1250.4
MEAN	21.4	---	---	---	---	0.000	0.000	24.6	65.7	92.3	103.1	41.7
MAX	60	---	---	---	---	0.00	0.00	42	90	128	118	135
MIN	0.00	---	---	---	---	0.00	0.00	0.00	40	1.3	96	0.00
AC-FT	424	0.00	0.00	0.00	0.00	0.00	0.00	1513	3907	5675	6343	2480
CAL YEAR 2006	MAX	168.0	MIN	0.000	AC-FT	29180						
WTR YEAR 2007	MAX	135.0	MIN	0.000	AC-FT	20340						

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 good.

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 77 cubic feet per second July 9, gage height 1.10 feet; minimum daily discharge, 2.7 cubic feet per second May 29, 31, and June 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	17	18	15	12	22	13	11	2.8	29	61	52
2	29	18	17	14	11	24	13	8.9	2.7	29	62	60
3	47	17	17	15	13	17	12	6.1	2.8	29	62	62
4	37	17	17	16	12	12	12	7.1	3.2	28	60	54
5	15	17	16	16	13	11	11	8.1	4.6	30	58	54
6	17	16	16	15	13	10	10	8.4	5.8	30	62	57
7	16	16	15	15	14	10	10	7.9	6.1	32	61	60
8	16	16	15	15	13	10	10	7.7	6.6	34	58	50
9	17	17	15	15	13	10	11	7.8	24	70	62	23
10	17	16	15	16	14	11	11	7.8	27	63	60	22
11	17	16	14	15	14	12	9.9	13	27	56	56	21
12	15	18	14	14	15	12	12	32	27	57	57	21
13	16	20	13	14	15	12	14	37	24	62	56	20
14	15	23	13	14	14	12	13	38	20	60	59	20
15	15	20	13	13	12	13	12	38	17	52	62	20
16	15	20	12	14	15	13	12	38	19	53	61	19
17	15	20	13	15	15	13	12	38	16	50	59	18
18	16	20	14	15	16	13	11	32	12	53	53	18
19	18	19	13	14	16	13	10	35	17	53	54	18
20	18	19	14	14	17	14	9.5	32	18	53	55	19
21	18	20	15	14	16	13	10	22	20	56	52	16
22	18	19	15	14	16	13	9.8	17	22	61	54	15
23	18	19	17	14	16	13	9.9	16	31	55	59	15
24	18	18	17	14	15	14	11	15	27	53	60	15
25	18	18	17	14	16	15	10	15	27	54	63	14
26	18	18	18	14	16	13	11	14	28	64	58	15
27	17	18	17	14	19	13	10	13	37	65	52	16
28	18	18	17	13	21	13	9.3	8.2	39	66	53	18
29	18	17	16	13	---	12	9.5	2.7	37	66	53	18
30	17	17	15	13	---	12	9.0	2.8	33	63	56	18
31	17	---	15	13	---	13	---	2.7	---	60	56	---
TOTAL	579	544	473	444	412	408	327.9	542.2	583.6	1586	1794	848
MEAN	18.7	18.2	15.2	14.4	14.7	13.2	11.0	17.5	19.4	51.2	57.9	28.3
MAX	47	23	18	16	21	24	14	38	39	70	63	62
MIN	13	16	12	13	11	10	9.0	2.7	2.7	28	52	14
AC-FT	1148	1079	938	881	817	809	650	1075	1158	3146	3558	1682
CAL YEAR 2006	TOTAL		9355	MEAN	25.6	MAX	92.0	MIN	2.3	AC-FT	18550	
WTR YEAR 2007	TOTAL		8542	MEAN	23.4	MAX	70.0	MIN	2.7	AC-FT	16940	

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.

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 977 cubic feet per second September 10, gage height 2.78 feet; minimum daily discharge 70 cubic feet per second June 8.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	143	382	330	277	240	266	252	154	81	164	348	257
2	152	380	323	277	192	263	257	153	80	193	340	436
3	167	389	319	287	190	254	267	149	80	240	311	535
4	170	382	315	287	208	264	219	153	79	267	293	596
5	221	385	321	287	246	269	188	155	78	290	275	742
6	359	395	320	281	284	266	188	161	77	328	260	682
7	377	405	321	275	286	262	187	157	73	345	247	714
8	385	394	333	273	283	261	187	153	70	323	247	613
9	365	371	321	272	275	257	183	151	160	349	237	465
10	328	365	344	279	272	256	178	146	235	388	221	647
11	302	364	335	279	274	254	173	142	233	342	225	788
12	280	372	333	250	292	253	169	141	231	268	222	837
13	256	360	336	235	288	251	168	138	191	327	219	688
14	268	378	334	234	272	249	165	136	162	346	208	522
15	251	364	339	222	256	247	163	134	134	298	217	342
16	246	371	336	226	271	245	162	128	118	280	221	290
17	246	371	334	249	277	245	160	121	100	267	211	264
18	249	365	337	267	305	243	157	117	118	282	186	215
19	256	359	315	265	363	240	156	113	141	287	185	200
20	265	363	304	273	303	240	155	115	140	279	207	199
21	263	360	294	272	298	238	155	107	150	304	194	216
22	261	364	282	267	292	235	153	100	145	353	196	211
23	261	348	285	275	286	233	153	93	147	369	241	212
24	275	385	287	284	279	237	159	90	138	366	241	213
25	269	383	287	272	271	227	166	89	132	368	253	212
26	268	363	290	267	271	234	166	87	135	376	266	210
27	265	355	289	266	269	232	161	86	131	407	229	209
28	264	355	288	259	269	225	157	85	138	521	220	208
29	290	348	292	269	---	225	154	84	147	498	217	207
30	352	336	285	255	---	240	152	83	152	381	226	209
31	383	---	280	262	---	242	---	82	---	369	270	---
TOTAL	8437	11112	9709	8243	7612	7653	5310	3803	3996	10175	7433	12139
MEAN	272.1	370.4	313.3	266.0	271.8	246.9	177.0	122.7	133.1	328.2	239.8	404.6
MAX	385	405	344	287	363	269	267	161	235	521	348	837
MIN	143	336	280	222	190	225	152	82	70	164	185	199
AC-FT	16730	22040	19260	16350	15100	15180	10530	7543	7926	20180	14740	24080
CAL YEAR 2006	TOTAL		98030	MEAN	268.6	MAX	1410	MIN	104.0	AC-FT	194400	
WTR YEAR 2007	TOTAL		95622	MEAN	262.0	MAX	837.0	MIN	70.0	AC-FT	189700	

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 good.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge 87 cubic feet per second July 8, gage height 1.27 feet; minimum daily discharge 12 cubic feet per second May 2, 3, 7 - 9.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	59	25	21	19	17	16	15	13	19	13	31	41
2	60	24	20	19	17	16	15	12	19	13	31	43
3	38	24	20	19	17	16	14	12	19	14	32	42
4	35	24	20	20	17	16	13	13	18	14	30	38
5	28	24	20	20	17	16	13	13	18	15	28	34
6	29	23	21	19	17	16	13	13	18	14	28	31
7	29	23	21	19	17	16	14	12	19	14	29	30
8	28	23	21	19	17	16	14	12	18	28	29	30
9	29	23	21	19	17	16	14	12	22	32	27	24
10	29	23	20	19	17	16	14	13	30	21	23	25
11	29	23	20	19	17	16	14	13	30	17	22	23
12	28	23	20	18	17	16	14	13	31	16	23	23
13	28	23	20	18	17	16	14	14	30	17	22	22
14	28	23	20	18	17	16	14	14	28	18	23	22
15	28	22	20	18	17	16	14	14	27	18	24	21
16	28	22	20	18	17	16	13	14	26	19	23	20
17	27	22	20	18	17	16	13	14	22	20	24	20
18	27	22	19	18	17	15	13	14	18	20	25	20
19	27	22	19	18	17	15	13	15	18	21	27	20
20	27	22	20	18	17	15	13	16	17	23	26	28
21	26	21	20	18	17	15	13	15	18	23	28	20
22	26	20	20	18	17	15	13	18	19	24	30	18
23	26	21	20	18	17	15	13	21	18	25	35	18
24	26	21	20	18	17	16	14	22	18	26	34	19
25	26	21	20	18	17	16	13	20	19	27	34	19
26	25	21	19	18	17	15	13	18	17	29	34	19
27	26	21	19	18	17	15	13	17	14	34	34	18
28	25	21	19	18	17	14	13	16	14	36	37	18
29	24	21	19	18	---	15	13	17	13	35	36	17
30	24	20	19	17	---	15	13	18	13	33	37	18
31	24	---	19	17	---	15	---	19	---	33	38	---
TOTAL	919	668	617	569	476	483	405	467	610	692	904	741
MEAN	29.6	22.2	19.9	18.3	17.1	15.5	13.5	15.0	20.4	22.3	29.2	24.7
MAX	60	25	21	20	17	16	15	22	31	36	38	43
MIN	24	20	19	17	17	14	13	12	13	13	22	17
AC-FT	1823	1325	1224	1129	944	958	803	926	1210	1373	1793	1470
CAL YEAR 2006	TOTAL		9715	MEAN	26.6	MAX	60.0	MIN	12.0	AC-FT	19270	
WTR YEAR 2007	TOTAL		7551	MEAN	20.7	MAX	60.0	MIN	12.0	AC-FT	14980	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	16	26	26	27
2	0.00	---	---	---	---	---	0.00	0.00	16	30	25	30
3	0.00	---	---	---	---	---	0.00	0.00	16	31	25	33
4	0.00	---	---	---	---	---	0.00	0.00	16	30	24	27
5	0.00	---	---	---	---	---	0.00	0.00	15	31	24	26
6	0.00	---	---	---	---	---	0.00	0.00	15	32	25	24
7	---	---	---	---	---	---	0.00	0.00	16	33	27	19
8	---	---	---	---	---	---	0.00	11	15	33	27	18
9	---	---	---	---	---	---	0.00	14	19	32	26	17
10	---	---	---	---	---	---	0.00	13	22	31	26	18
11	---	---	---	---	---	---	0.00	13	21	29	25	20
12	---	---	---	---	---	---	0.00	12	20	28	25	22
13	---	---	---	---	---	---	0.00	12	20	28	25	19
14	---	---	---	---	---	---	0.00	11	19	29	26	12
15	---	---	---	---	---	---	0.00	11	18	29	26	9.8
16	---	---	---	---	---	---	0.00	12	16	28	26	10
17	---	---	---	---	---	---	0.00	12	14	27	26	10
18	---	---	---	---	---	---	0.00	12	16	27	25	11
19	---	---	---	---	---	---	0.00	12	23	27	25	11
20	---	---	---	---	---	---	0.00	13	22	26	25	10
21	---	---	---	---	---	---	0.00	15	22	27	24	8.6
22	---	---	---	---	---	---	0.00	16	22	28	24	8.5
23	---	---	---	---	---	---	0.00	17	22	29	27	8.4
24	---	---	---	---	---	---	0.00	18	21	29	28	8.3
25	---	---	---	---	---	---	0.00	17	19	29	28	4.7
26	---	---	---	---	---	---	0.00	16	20	29	28	0.00
27	---	---	---	---	---	---	0.00	16	20	29	28	0.00
28	---	---	---	---	---	0.00	0.00	15	21	29	27	0.00
29	---	---	---	---	---	0.00	0.00	16	23	28	27	0.00
30	---	---	---	---	---	0.00	0.00	17	25	26	27	0.00
31	---	---	---	---	---	0.00	---	16	---	26	28	---
TOTAL	0	0	0	0	0	0	0	337	570	896	805	412.3
MEAN	0.000	---	---	---	---	0.000	0.000	10.9	19.0	28.9	25.9	13.8
MAX	0.00	---	---	---	---	0.00	0.00	18	25	33	28	33
MIN	0.00	---	---	---	---	0.00	0.00	0.00	14	26	24	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	668	1131	1777	1597	818
CAL YEAR 2006	MAX		33.0	MIN	0.000	AC-FT	5690					
WTR YEAR 2007	MAX		33.0	MIN	0.000	AC-FT	5991					

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	18	28	40	34
2	0.00	---	---	---	---	---	0.00	0.00	17	27	40	35
3	0.00	---	---	---	---	---	0.00	0.00	18	29	41	34
4	0.00	---	---	---	---	---	0.00	0.00	17	32	41	34
5	0.00	---	---	---	---	---	0.00	0.00	16	32	42	34
6	0.00	---	---	---	---	---	0.00	0.00	16	33	42	33
7	---	---	---	---	---	---	0.00	0.00	16	33	42	33
8	---	---	---	---	---	---	0.00	0.00	18	34	42	32
9	---	---	---	---	---	---	0.00	0.00	18	39	43	32
10	---	---	---	---	---	---	0.00	3.7	18	43	42	33
11	---	---	---	---	---	---	0.00	8.4	17	45	42	29
12	---	---	---	---	---	---	0.00	9.1	16	45	41	26
13	---	---	---	---	---	---	0.00	9.9	16	45	41	24
14	---	---	---	---	---	---	0.00	8.7	15	46	40	24
15	---	---	---	---	---	---	0.00	0.06	14	47	41	23
16	---	---	---	---	---	---	0.00	0.01	22	47	41	22
17	---	---	---	---	---	---	0.00	3.2	31	45	43	22
18	---	---	---	---	---	---	0.00	1.9	23	44	45	21
19	---	---	---	---	---	---	0.00	0.80	23	44	45	22
20	---	---	---	---	---	---	0.00	0.05	24	45	44	22
21	---	---	---	---	---	---	0.00	8.9	27	43	44	21
22	---	---	---	---	---	---	0.00	17	30	43	44	18
23	---	---	---	---	---	---	0.00	18	39	43	4.3	16
24	---	---	---	---	---	---	0.00	18	42	43	0.00	16
25	---	---	---	---	---	---	0.00	18	36	43	0.00	0.00
26	---	---	---	---	---	---	0.00	13	41	44	0.00	0.00
27	---	---	---	---	---	---	0.00	5.4	34	46	21	0.00
28	---	---	---	---	---	0.00	0.00	14	27	47	29	0.00
29	---	---	---	---	---	0.00	0.00	16	28	44	31	0.00
30	---	---	---	---	---	0.00	0.00	17	29	40	33	0.00
31	---	---	---	---	---	0.00	---	18	---	40	33	---
TOTAL	0	0	0	0	0	0	0	209.12	706	1259	1077.3	640
MEAN	0.000	---	---	---	---	0.000	0.000	6.8	23.5	40.7	34.8	21.3
MAX	0.00	---	---	---	---	0.00	0.00	18	42	47	45	35
MIN	0.00	---	---	---	---	0.00	0.00	0.00	14	27	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	415	1400	2497	2137	1269
CAL YEAR 2006	MAX	50.0	MIN	0.000	AC-FT	7587						
WTR YEAR 2007	MAX	47.0	MIN	0.000	AC-FT	7719						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	---	---	---	---	---	0.00	0.00	20	32	30	27
2	12	---	---	---	---	---	0.00	0.14	20	33	24	27
3	12	---	---	---	---	---	0.00	2.1	20	33	26	25
4	10	---	---	---	---	---	0.00	5.7	20	34	25	23
5	2.1	---	---	---	---	---	0.00	8.6	20	24	25	22
6	0.00	---	---	---	---	---	0.00	12	20	16	27	22
7	0.00	---	---	---	---	---	0.00	18	21	30	29	20
8	0.00	---	---	---	---	---	0.00	18	20	31	29	18
9	0.00	---	---	---	---	---	0.00	21	19	31	29	19
10	0.00	---	---	---	---	---	0.00	21	23	31	29	22
11	0.00	---	---	---	---	---	0.00	21	20	31	32	21
12	---	---	---	---	---	---	0.00	20	20	35	32	21
13	---	---	---	---	---	---	0.00	21	20	34	32	21
14	---	---	---	---	---	---	0.00	21	20	33	32	21
15	---	---	---	---	---	---	0.00	21	21	33	32	20
16	---	---	---	---	---	---	0.00	20	21	32	32	21
17	---	---	---	---	---	---	0.00	20	21	32	32	23
18	---	---	---	---	---	---	0.00	19	19	33	32	21
19	---	---	---	---	---	---	0.00	21	19	33	32	19
20	---	---	---	---	---	---	0.00	21	19	29	32	20
21	---	---	---	---	---	---	0.00	20	18	27	32	21
22	---	---	---	---	---	0.00	0.00	20	19	29	32	19
23	---	---	---	---	---	0.00	0.00	20	21	28	28	19
24	---	---	---	---	---	0.00	0.00	21	21	27	32	20
25	---	---	---	---	---	0.00	0.00	20	24	30	32	15
26	---	---	---	---	---	0.00	0.00	20	27	30	32	12
27	---	---	---	---	---	0.00	0.00	20	31	32	32	11
28	---	---	---	---	---	0.00	0.00	19	32	33	32	10
29	---	---	---	---	---	0.00	0.00	19	34	32	31	10
30	---	---	---	---	---	0.00	0.00	19	33	32	30	9.9
31	---	---	---	---	---	0.00	---	19	---	34	26	---
TOTAL	47.1	0	0	0	0	0	0	528.54	663	954	932	579.9
MEAN	4.3	---	---	---	---	0.000	0.000	17.1	22.0	30.7	30.1	19.3
MAX	12	---	---	---	---	0.00	0.00	21	34	35	32	27
MIN	0.00	---	---	---	---	0.00	0.00	0.00	18	16	24	9.9
AC-FT	93	0.00	0.00	0.00	0.00	0.00	0.00	1048	1315	1892	1849	1150
CAL YEAR 2006	MAX	35.0	MIN	0.000	AC-FT	6528						
WTR YEAR 2007	MAX	35.0	MIN	0.000	AC-FT	7348						

NORTH PLATTE RIVER BASIN

WINTERS CREEK near Scottsbluff, 06681000

LOCATION.--Nw1/4SE1/4 Sec. 30-22-54 W., Scotts Bluff County, Lat. 41° 51' 08", Long. 103° 37' 35", on right bank 700 feet downstream from bridge on U.S. Highway 26, one mile upstream from mouth, 1.5 miles east of Scottsbluff.

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

PERIOD OF RECORD.--1931 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 195 cubic feet per second August 23, gage height 3.40 feet; minimum daily discharge 5.6 cubic feet per second June 18.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	61	44	36	32	30	27	29	27	17	12	36	66
2	61	44	35	32	30	27	28	27	18	11	36	66
3	61	44	35	33	30	26	27	27	16	8.3	37	65
4	57	43	35	33	30	26	29	28	14	9.1	35	64
5	54	43	35	32	31	25	30	29	13	11	35	65
6	54	43	34	32	30	24	30	28	13	12	34	65
7	53	43	34	32	30	25	28	27	14	10	36	64
8	51	43	34	33	30	25	28	27	17	8.6	36	63
9	51	42	35	33	30	25	27	28	22	8.6	37	60
10	51	41	35	33	30	24	26	21	34	11	36	60
11	51	41	35	32	30	24	26	14	32	9.5	35	64
12	51	41	35	32	30	24	25	14	31	8.8	35	73
13	50	41	34	31	28	25	25	14	33	8.8	35	75
14	51	42	33	31	29	24	25	19	32	9.1	34	76
15	51	41	34	31	28	24	24	34	27	11	35	76
16	51	41	34	31	28	26	24	33	14	12	35	70
17	50	41	34	31	28	25	24	30	8.8	15	39	68
18	50	41	34	31	27	25	24	29	5.6	20	40	67
19	50	39	33	31	28	24	24	26	15	21	40	68
20	50	40	34	31	27	25	23	28	12	23	40	68
21	49	40	35	31	27	24	23	15	11	22	39	60
22	48	39	35	31	28	24	24	7.6	12	23	39	62
23	48	39	34	31	29	23	27	6.8	29	23	106	63
24	48	38	33	31	28	26	29	7.6	31	24	110	78
25	48	38	33	32	27	25	28	7.6	14	25	112	81
26	47	37	33	31	28	24	27	15	9.4	28	115	70
27	47	37	33	31	27	24	28	20	9.0	31	83	68
28	47	36	33	31	27	24	28	9.8	7.9	30	67	68
29	46	36	33	31	---	26	27	12	9.6	31	64	67
30	45	36	33	31	---	26	27	15	12	32	65	65
31	45	---	33	31	---	29	---	17	---	35	67	---
TOTAL	1577	1214	1056	979	805	775	794	643.4	533.3	543.8	1593	2025
MEAN	50.9	40.5	34.1	31.6	28.8	24.9	26.5	20.7	17.8	17.5	51.4	67.5
MAX	61	44	36	33	31	29	30	34	34	35	115	81
MIN	45	36	33	31	27	23	23	6.8	5.6	8.3	34	60
AC-FT	3128	2408	2095	1942	1597	1537	1575	1276	1058	1079	3160	4017
CAL YEAR 2006	TOTAL		13567	MEAN	37.2	MAX	162.0	MIN	4.2	AC-FT	26910	
WTR YEAR 2007	TOTAL		12539	MEAN	34.4	MAX	115.0	MIN	5.6	AC-FT	24870	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	56	---	---	---	---	---	0.00	1.00	63	105	83	72
2	55	---	---	---	---	---	0.00	16	63	97	81	70
3	55	---	---	---	---	---	0.00	19	64	88	82	71
4	48	---	---	---	---	---	0.00	31	63	78	81	64
5	45	---	---	---	---	---	0.00	30	57	67	79	68
6	48	---	---	---	---	---	0.00	27	57	60	78	73
7	41	---	---	---	---	---	0.00	27	53	59	77	73
8	38	---	---	---	---	---	0.00	26	53	59	81	70
9	36	---	---	---	---	---	0.00	29	58	67	90	67
10	36	---	---	---	---	---	0.00	31	64	82	93	66
11	34	---	---	---	---	---	0.00	29	61	82	92	63
12	28	---	---	---	---	---	0.00	30	59	81	91	61
13	25	---	---	---	---	0.00	0.00	30	57	81	91	61
14	9.8	---	---	---	---	0.00	0.00	31	53	83	90	58
15	0.00	---	---	---	---	0.00	0.00	41	51	82	90	54
16	0.00	---	---	---	---	0.00	0.00	45	49	79	90	52
17	0.00	---	---	---	---	0.00	0.00	43	49	84	91	52
18	---	---	---	---	---	0.00	0.00	44	58	87	92	53
19	---	---	---	---	---	0.00	0.00	49	64	88	92	54
20	---	---	---	---	---	0.00	0.00	49	64	88	93	55
21	---	---	---	---	---	0.00	0.00	48	68	87	92	56
22	---	---	---	---	---	0.00	0.00	57	78	88	93	55
23	---	---	---	---	---	0.00	0.00	63	81	87	85	56
24	---	---	---	---	---	0.00	0.00	62	79	86	84	58
25	---	---	---	---	---	0.00	0.00	63	77	85	85	51
26	---	---	---	---	---	0.00	0.00	71	79	92	78	47
27	---	---	---	---	---	0.00	0.00	72	80	91	74	47
28	---	---	---	---	---	0.00	0.00	70	78	92	67	45
29	---	---	---	---	---	0.00	0.00	69	93	94	65	43
30	---	---	---	---	---	0.00	0.00	69	103	90	69	43
31	---	---	---	---	---	0.00	---	68	---	89	71	---
TOTAL	554.8	0	0	0	0	0	0	1340	1976	2578	2600	1758
MEAN	32.7	---	---	---	---	0.000	0.001	43.2	65.9	83.1	83.9	58.7
MAX	56	---	---	---	---	0.00	0.00	72	103	105	93	73
MIN	0.00	---	---	---	---	0.00	0.00	1.00	49	59	65	43
AC-FT	1100	0.00	0.00	0.00	0.00	0.00	0.00	2658	3919	5113	5157	3487
CAL YEAR 2006	MAX	111.0	MIN	0.000	AC-FT	24540						
WTR YEAR 2007	MAX	105.0	MIN	0.000	AC-FT	21430						

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 270 cubic feet per second August 23, gage height 3.75 feet; minimum daily discharge 9.4 cubic feet per second May 6.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21	20	18	13	14	14	17	15	14	60	101	154
2	21	20	17	17	13	14	17	14	13	69	99	184
3	21	21	17	17	15	14	16	19	13	67	98	192
4	21	21	18	17	15	14	15	16	13	65	98	213
5	21	21	19	16	16	14	16	11	14	63	96	171
6	22	21	19	15	17	14	16	9.4	14	63	93	123
7	23	21	18	15	17	13	15	9.6	13	64	93	74
8	23	21	18	15	16	13	16	10	18	68	91	38
9	23	20	18	15	16	13	17	11	56	73	86	28
10	23	19	18	15	16	13	16	11	136	72	84	28
11	23	20	18	14	16	13	16	12	105	71	82	26
12	23	20	18	12	16	13	16	12	103	75	83	25
13	24	19	18	13	14	13	16	13	93	78	97	24
14	23	20	21	13	14	13	16	14	84	78	90	24
15	23	19	20	12	13	13	17	15	68	81	89	24
16	23	19	20	13	16	12	17	15	43	86	86	24
17	22	19	19	13	16	13	16	15	47	88	91	24
18	22	21	19	14	16	14	16	15	78	89	113	23
19	23	20	18	14	16	14	16	15	54	87	108	24
20	23	21	19	14	16	15	16	15	56	86	102	25
21	22	21	19	15	16	16	16	14	72	91	94	24
22	21	20	18	14	15	17	16	15	63	90	81	23
23	21	19	19	15	15	18	16	14	57	89	146	23
24	22	18	18	15	16	19	20	14	89	85	127	23
25	22	18	17	15	14	19	22	13	82	87	137	23
26	22	18	17	15	15	18	17	13	61	92	135	24
27	21	18	17	15	14	18	16	13	52	100	133	24
28	21	18	16	14	15	18	15	13	57	101	127	22
29	21	17	16	15	---	19	15	14	64	93	131	22
30	21	17	15	14	---	18	15	14	57	91	130	23
31	20	---	14	15	---	17	---	14	---	92	139	---
TOTAL	682	587	556	449	428	466	491	418	1689	2494	3260	1679
MEAN	22.0	19.5	18.0	14.5	15.4	15.0	16.3	13.4	56.3	80.5	105.1	55.9
MAX	24	21	21	17	17	19	22	19	136	101	146	213
MIN	20	17	14	12	13	12	15	9.4	13	60	81	22
AC-FT	1353	1164	1103	891	849	924	974	829	3350	4947	6466	3330
CAL YEAR 2006	TOTAL		13769	MEAN	37.7	MAX	454.0	MIN	9.6	AC-FT	27310	
WTR YEAR 2007	TOTAL		13199	MEAN	36.2	MAX	213.0	MIN	9.4	AC-FT	26180	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	---	---	---	---	---	0.00	36	53	58	91	72
2	42	---	---	---	---	---	0.00	43	54	28	86	75
3	41	---	---	---	---	---	0.00	41	54	2.8	84	78
4	39	---	---	---	---	---	0.00	39	53	3.1	82	77
5	38	---	---	---	---	---	0.00	34	54	2.2	79	74
6	40	---	---	---	---	---	0.00	34	55	1.2	76	73
7	37	---	---	---	---	---	0.00	34	56	1.1	77	67
8	30	---	---	---	---	---	0.00	29	58	1.1	88	65
9	30	---	---	---	---	---	0.00	35	57	12	83	62
10	30	---	---	---	---	---	0.00	55	58	68	82	62
11	30	---	---	---	---	---	0.00	55	55	50	83	65
12	30	---	---	---	---	---	0.00	53	56	83	84	67
13	29	---	---	---	---	---	0.00	57	73	89	87	68
14	30	---	---	---	---	---	0.00	57	68	86	83	66
15	30	---	---	---	---	---	0.00	56	65	87	86	64
16	15	---	---	---	---	---	0.00	57	74	83	83	60
17	6.4	---	---	---	---	---	0.00	57	72	84	88	55
18	---	---	---	---	---	---	0.00	57	71	82	82	54
19	---	---	---	---	---	---	0.00	55	68	81	82	53
20	---	---	---	---	---	0.00	0.00	54	70	83	81	44
21	---	---	---	---	---	0.00	0.00	56	79	84	77	40
22	---	---	---	---	---	0.00	0.00	62	81	86	75	38
23	---	---	---	---	---	0.00	0.00	59	79	87	71	36
24	---	---	---	---	---	0.00	0.00	58	90	86	68	36
25	---	---	---	---	---	0.00	0.00	58	85	86	68	35
26	---	---	---	---	---	0.00	1.5	57	77	85	70	43
27	---	---	---	---	---	0.00	9.7	53	73	90	70	74
28	---	---	---	---	---	0.00	15	53	71	91	66	72
29	---	---	---	---	---	0.00	16	54	88	93	68	68
30	---	---	---	---	---	0.00	29	55	82	93	69	59
31	---	---	---	---	---	0.00	---	53	---	90	70	---
TOTAL	540.4	0	0	0	0	0	71.2	1556	2029	1956.5	2439	1802
MEAN	31.6	---	---	---	---	0.000	2.4	50.1	67.6	63.1	78.8	60.0
MAX	43	---	---	---	---	0.00	29	62	90	93	91	78
MIN	6.4	---	---	---	---	0.00	0.00	29	53	1.1	66	35
AC-FT	1072	0.00	0.00	0.00	0.00	0.00	141	3086	4024	3881	4838	3574
CAL YEAR 2006	MAX		93.0	MIN	0.000	AC-FT	23360					
WTR YEAR 2007	MAX		93.0	MIN	0.000	AC-FT	20620					

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 good, except estimated records are poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 844 cubic feet per second September 6, combined channel discharge; minimum daily discharge 64 cubic feet per second June 4, combined channel discharge.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	244	534	492	457e	396e	381	422	267	68	100	364	444
2	241	542	489	460e	398e	373	438	242	68	142	369	483
3	236	548	488	465	382e	388	424	235	66	198	352	643
4	228	551	490	473	405e	366	431	246	64	247	341	761
5	288	557	494	471	415e	368	441	237	65	289	311	819
6	357	555	492	473	444	369	436	241	66	348	282	816
7	434	565	489	461e	442	363	421	247	72	364	265	699
8	456	567	491	460e	436	363	410	224	96	363	247	609
9	473	548	488	458e	432	364	414	200	106	380	226	501
10	492	544	493	461e	429	362	385	174	296	347	213	479
11	526	541	491	455e	429	398	357	157	358	363	193	621
12	522	542	491	438e	426	396	349	152	396	290	185	720
13	521	535	492	435e	424	391	350	147	352	277	216	701
14	527	538	488	425e	422	375	341	148	297	303	203	590
15	554	528	479	423e	412e	375	339	146	253	298	206	485
16	566	531	481	422e	417e	376	329	135	182	274	204	431
17	575	531	474	427e	411e	380	316	132	156	259	211	404
18	588	530	475	426e	421e	377	311	144	153	260	242	394
19	584	524	480	423e	454	369	301	134	112	254	231	381
20	579	524	479	417e	448	379	299	136	103	255	225	382
21	564	524	492	416e	428	383	296	122	109	263	208	373
22	552	525	479	412e	419	378	293	101	107	279	192	375
23	553	520	471	414e	412	373	293	88	101	302	447	387
24	557	511	475	413e	405	383	320	88	114	299	435	406
25	550	511	471	413e	391	413	328	85	98	298	443	427
26	542	505	475	407	387	389	328	75	95	288	456	417
27	545e	501	475	402	385	391	316	79	89	340	449	387
28	539e	502	474	408	386	383	301	70	82	422	423	361
29	534e	498	483	405	---	410	295	70	70	478	390	357
30	516	498	470	411	---	413	284	71	72	415	409	365
31	516	---	463	404	---	409	---	70	---	366	448	---
TOTAL	14959	15930	14964	13435	11656	11838	10568	4663	4266	9361	9386	15218
MEAN	482.5	531.0	482.7	433.4	416.3	381.9	352.3	150.4	142.3	301.9	302.8	507.3
MAX	588	567	494	473	454	413	441	267	396	478	456	819
MIN	228	498	463	402	382	362	284	70	64	100	185	357
AC-FT	29670	31600	29680	26650	23120	23480	20960	9249	8461	18570	18620	30180
CAL YEAR 2006	TOTAL		141010	MEAN	386.3	MAX	1050	MIN	148.0	AC-FT	279700	
WTR YEAR 2007	TOTAL		136244	MEAN	373.3	MAX	819.0	MIN	64.0	AC-FT	270200	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	---	---	---	---	---	0.00	0.00	44	0.00	23	28
2	20	---	---	---	---	---	0.00	0.00	42	0.00	23	32
3	20	---	---	---	---	---	0.00	0.00	41	0.00	23	34
4	20	---	---	---	---	---	0.00	0.00	40	0.00	23	34
5	20	---	---	---	---	---	0.00	12	39	0.00	24	35
6	19	---	---	---	---	---	0.00	20	39	0.00	24	35
7	18	---	---	---	---	---	0.00	20	40	0.00	24	33
8	17	---	---	---	---	---	0.01	23	44	0.00	33	30
9	17	---	---	---	---	---	0.00	25	39	0.00	45	25
10	17	---	---	---	---	---	0.00	24	49	0.00	43	22
11	14	---	---	---	---	---	0.00	23	37	0.00	42	22
12	12	---	---	---	---	---	0.00	26	23	0.00	40	22
13	12	---	---	---	---	---	0.00	26	33	0.00	42	22
14	12	---	---	---	---	---	0.00	28	31	0.00	42	17
15	12	---	---	---	---	---	0.00	29	27	0.00	46	17
16	12	---	---	---	---	---	0.00	27	29	0.00	46	20
17	11	---	---	---	---	---	0.00	30	31	0.00	42	19
18	10	---	---	---	---	---	0.00	39	38	0.00	41	18
19	10	---	---	---	---	0.00	0.00	44	48	0.00	38	19
20	5.5	---	---	---	---	0.00	0.00	49	55	0.00	37	21
21	0.00	---	---	---	---	0.00	0.00	48	49	0.00	36	12
22	0.00	---	---	---	---	0.00	0.00	45	50	0.00	31	20
23	0.00	---	---	---	---	0.00	0.00	41	44	0.00	30	23
24	0.00	---	---	---	---	0.00	0.00	41	45	0.00	26	27
25	---	---	---	---	---	0.00	0.00	40	39	0.00	24	27
26	---	---	---	---	---	0.00	0.00	38	34	0.00	26	28
27	---	---	---	---	---	0.00	0.00	36	32	0.00	25	22
28	---	---	---	---	---	0.00	0.00	38	15	0.00	25	21
29	---	---	---	---	---	0.00	0.00	44	0.00	0.00	25	21
30	---	---	---	---	---	0.00	0.00	47	0.00	0.00	27	19
31	---	---	---	---	---	0.00	---	46	---	14	26	---
TOTAL	298.5	0	0	0	0	0	0.01	909	1077	14	1002	725
MEAN	12.4	---	---	---	---	0.000	0.000	29.3	35.9	0.45	32.3	24.1
MAX	20	---	---	---	---	0.00	0.01	49	55	14	46	35
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	23	12
AC-FT	592	0.00	0.00	0.00	0.00	0.00	0.02	1803	2136	28	1987	1438
CAL YEAR 2006	MAX	53.0	MIN	0.000	AC-FT	8113						
WTR YEAR 2007	MAX	55.0	MIN	0.000	AC-FT	7984						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	35	---	---	---	---	---	0.00	35	44	0.00	33	57
2	34	---	---	---	---	---	0.00	37	43	0.00	53	43
3	35	---	---	---	---	---	0.00	37	42	0.00	56	49
4	37	---	---	---	---	---	0.00	39	42	0.00	48	52
5	35	---	---	---	---	---	0.00	39	42	0.00	48	54
6	32	---	---	---	---	---	0.00	35	44	0.00	51	55
7	28	---	---	---	---	---	0.00	33	43	0.00	49	56
8	28	---	---	---	---	---	0.00	35	42	0.00	58	57
9	29	---	---	---	---	---	0.00	39	39	0.00	54	54
10	30	---	---	---	---	---	0.00	38	37	0.00	51	48
11	30	---	---	---	---	---	0.00	37	35	0.00	52	45
12	28	---	---	---	---	---	0.00	35	36	0.00	52	43
13	28	---	---	---	---	---	0.00	34	35	0.00	51	44
14	30	---	---	---	---	---	0.00	35	33	0.00	50	44
15	30	---	---	---	---	---	0.00	35	33	0.00	52	50
16	28	---	---	---	---	---	0.00	39	34	0.00	53	51
17	26	---	---	---	---	---	0.00	39	39	0.00	57	52
18	26	---	---	---	---	---	0.00	38	38	0.00	61	52
19	27	---	---	---	---	0.00	0.00	37	38	0.00	61	51
20	26	---	---	---	---	0.00	0.00	37	44	0.00	61	48
21	25	---	---	---	---	0.00	0.00	37	46	0.00	60	45
22	24	---	---	---	---	0.00	0.00	37	45	0.00	58	47
23	24	---	---	---	---	0.00	0.00	36	42	0.00	56	46
24	0.00	---	---	---	---	0.00	0.00	35	39	0.00	57	40
25	---	---	---	---	---	0.00	0.00	35	41	0.00	49	47
26	---	---	---	---	---	0.00	0.00	37	38	0.00	50	47
27	---	---	---	---	---	0.00	0.00	39	37	0.00	45	44
28	---	---	---	---	---	0.00	0.00	40	36	0.00	41	44
29	---	---	---	---	---	0.00	0.00	41	0.00	18	48	47
30	---	---	---	---	---	0.00	0.00	43	0.00	20	55	49
31	---	---	---	---	---	0.00	---	44	---	26	60	---
TOTAL	675	0	0	0	0	0	0	1157	1107	64	1630	1461
MEAN	28.1	---	---	---	---	0.000	0.000	37.3	36.9	2.1	52.5	48.6
MAX	37	---	---	---	---	0.00	0.00	44	46	26	61	57
MIN	0.00	---	---	---	---	0.00	0.00	33	0.00	0.00	33	40
AC-FT	1339	0.00	0.00	0.00	0.00	0.00	0.00	2295	2196	127	3233	2898
CAL YEAR 2006	MAX	59.0	MIN	0.000	AC-FT	12280						
WTR YEAR 2007	MAX	61.0	MIN	0.000	AC-FT	12090						

NINE MILE CREEK near McGrew, 06682500

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

PERIOD OF RECORD.--1932 - present

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

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,470 cubic feet per second, May 24, 1987, gage height 6.69 feet; minimum daily discharge 1.9 cubic feet per second May 2, 2007.

EXTREMES FOR CURRENT YEAR.--Peak discharge 194 cubic feet per second July 28, gage height 3.48 feet; minimum daily discharge 1.9 cubic feet per second May 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	65	61	53	49	45	41	49	29	30	73	82	117
2	67	61	52	49	49	39	49	1.9	27	77	72	115
3	66	62	51	50	43	48	47	2.0	24	77	64	101
4	63	61	51	51	42	40	45	3.0	22	75	75	98
5	60	61	51	51	42	40	47	8.3	22	72	69	99
6	57	61	50	51	41	41	45	15	21	73	69	105
7	57	61	50	51	42	41	43	12	21	72	58	105
8	52	61	49	51	43	43	42	15	22	69	59	114
9	48	59	49	52	45	43	42	15	17	74	66	101
10	46	59	50	53	46	44	41	15	27	76	64	94
11	44	59	50	53	47	45	39	11	25	75	59	85
12	45	59	50	49	47	45	38	13	6.9	76	59	76
13	49	59	50	51	45	47	38	8.8	14	78	70	68
14	46	60	51	50	44	47	38	12	13	81	71	61
15	43	58	51	45	41	46	37	15	7.4	85	78	60
16	48	58	51	47	40	46	37	16	5.1	91	77	59
17	43	58	51	46	40	47	37	15	7.0	85	78	56
18	43	58	50	44	41	47	37	23	21	89	120	51
19	41	57	49	43	42	47	37	24	25	89	122	48
20	37	57	50	43	42	48	36	28	38	87	99	51
21	29	57	52	43	41	48	37	24	33	85	95	48
22	29	56	50	43	40	48	37	25	40	83	94	45
23	40	56	50	43	41	48	37	22	44	91	116	50
24	64	55	50	44	40	52	43	21	49	85	120	57
25	64	55	48	46	40	53	40	21	52	84	139	57
26	62	55	49	48	41	50	39	15	39	91	156	62
27	62	55	50	48	41	50	38	14	35	97	149	61
28	62	55	49	48	41	50	38	15	57	138	130	61
29	62	53	51	48	---	53	38	24	76	113	113	58
30	61	52	50	47	---	51	37	27	75	93	111	59
31	61	---	49	47	---	50	---	27	---	89	103	---
TOTAL	1616	1739	1557	1484	1192	1438	1208	517	895.4	2623	2837	2222
MEAN	52.1	58.0	50.2	47.8	42.6	46.4	40.3	16.6	29.8	84.5	91.6	74.1
MAX	67	62	53	53	49	53	49	29	76	138	156	117
MIN	29	52	48	43	40	39	36	1.9	5.1	69	58	45
AC-FT	3205	3449	3088	2943	2364	2852	2396	1025	1776	5203	5627	4407
CAL YEAR 2006	TOTAL		21344	MEAN	58.5	MAX	222.0	MIN	13.0	AC-FT	42340	
WTR YEAR 2007	TOTAL		19328	MEAN	53.0	MAX	156.0	MIN	1.9	AC-FT	38340	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	28	0.68	48	17
2	0.00	---	---	---	---	---	0.00	0.00	28	1.4	32	22
3	0.00	---	---	---	---	---	0.00	0.00	26	1.6	39	27
4	0.00	---	---	---	---	---	0.00	0.00	25	1.5	42	31
5	0.00	---	---	---	---	---	0.00	0.00	26	0.24	43	30
6	0.00	---	---	---	---	---	0.00	0.00	25	0.62	45	30
7	0.00	---	---	---	---	---	0.00	0.00	26	1.3	41	30
8	0.00	---	---	---	---	---	0.00	0.00	26	1.2	38	30
9	0.00	---	---	---	---	---	0.00	0.00	23	2.7	44	30
10	0.00	---	---	---	---	---	0.00	0.00	31	3.1	40	32
11	0.00	---	---	---	---	---	0.00	4.5	24	3.7	35	32
12	0.00	---	---	---	---	---	0.00	5.0	14	1.8	42	30
13	0.00	---	---	---	---	---	0.00	5.2	20	0.00	45	27
14	0.00	---	---	---	---	---	0.00	7.6	17	0.00	43	25
15	0.00	---	---	---	---	---	0.00	9.5	12	1.3	45	28
16	0.00	---	---	---	---	---	0.00	11	11	0.00	45	31
17	0.00	---	---	---	---	---	0.00	12	12	0.00	45	29
18	0.00	---	---	---	---	---	0.00	18	25	0.00	47	29
19	0.00	---	---	---	---	---	0.00	18	27	0.00	45	28
20	0.00	---	---	---	---	0.00	0.00	22	35	0.00	47	30
21	0.00	---	---	---	---	0.00	0.00	21	32	0.00	46	32
22	0.00	---	---	---	---	0.00	0.00	23	35	0.00	32	30
23	0.00	---	---	---	---	0.00	0.00	22	37	1.4	29	32
24	0.00	---	---	---	---	0.00	0.00	22	39	8.7	28	33
25	---	---	---	---	---	0.00	0.00	21	40	0.00	28	30
26	---	---	---	---	---	0.00	0.00	17	34	0.00	29	31
27	---	---	---	---	---	0.00	0.00	17	32	0.00	28	30
28	---	---	---	---	---	0.00	0.00	17	31	24	24	30
29	---	---	---	---	---	0.00	0.00	24	0.50	37	20	29
30	---	---	---	---	---	0.00	0.00	26	0.35	54	17	29
31	---	---	---	---	---	0.00	---	26	---	53	13	---
TOTAL	0	0	0	0	0	0	0	348.8	741.85	199.24	1145	874
MEAN	0.000	---	---	---	---	0.000	0.000	11.3	24.7	6.4	37.0	29.1
MAX	0.00	---	---	---	---	0.00	0.00	26	40	54	48	33
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.35	0.00	13	17
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	692	1471	395	2271	1734
CAL YEAR 2006	MAX		53.0	MIN	0.000	AC-FT	8229					
WTR YEAR 2007	MAX		54.0	MIN	0.000	AC-FT	6563					

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	32	22	---	---	---	---	0.00	55	49	67	46	47
2	36	20	---	---	---	---	0.00	62	50	55	47	48
3	39	21	---	---	---	---	0.00	62	49	59	38	50
4	38	20	---	---	---	---	0.00	61	53	62	38	51
5	37	18	---	---	---	---	0.00	57	54	61	38	50
6	38	16	---	---	---	---	0.00	57	55	63	40	50
7	39	---	---	---	---	---	0.00	56	60	66	38	49
8	40	---	---	---	---	---	0.00	57	66	66	42	47
9	40	---	---	---	---	---	0.00	45	65	66	53	45
10	40	---	---	---	---	---	0.00	39	61	64	58	43
11	41	---	---	---	---	---	0.00	50	53	64	62	39
12	38	---	---	---	---	---	0.00	49	63	71	59	41
13	34	---	---	---	---	---	0.00	48	55	76	64	42
14	35	---	---	---	---	---	0.00	45	56	81	62	39
15	37	---	---	---	---	---	0.00	48	59	83	61	36
16	36	---	---	---	---	---	4.7	62	58	82	58	37
17	36	---	---	---	---	---	18	64	67	82	60	49
18	36	---	---	---	---	---	25	65	68	84	69	50
19	36	---	---	---	---	---	28	64	74	85	51	44
20	36	---	---	---	---	0.00	29	61	69	87	50	43
21	37	---	---	---	---	0.00	28	63	61	86	52	41
22	35	---	---	---	---	0.00	44	62	72	86	56	40
23	33	---	---	---	---	0.00	55	56	61	78	47	36
24	34	---	---	---	---	0.00	58	50	71	68	33	38
25	34	---	---	---	---	0.00	58	49	76	66	37	42
26	34	---	---	---	---	0.00	58	47	76	66	40	41
27	33	---	---	---	---	0.00	53	44	73	68	34	39
28	31	---	---	---	---	0.00	49	43	70	59	40	37
29	30	---	---	---	---	0.00	48	38	74	49	44	35
30	24	---	---	---	---	0.00	47	40	70	47	45	35
31	22	---	---	---	---	0.00	---	44	---	44	46	---
TOTAL	1091	117	0	0	0	0	602.7	1643	1888	2141	1508	1284
MEAN	35.2	19.3	---	---	---	0.000	20.1	53.0	62.9	69.1	48.6	42.8
MAX	41	22	---	---	---	0.00	58	65	76	87	69	51
MIN	22	16	---	---	---	0.00	0.00	38	49	44	33	35
AC-FT	2164	232	0.00	0.00	0.00	0.00	1195	3259	3745	4247	2991	2547
CAL YEAR 2006	MAX	95.0	MIN	4.4	AC-FT	21510						
WTR YEAR 2007	MAX	87.0	MIN	0.000	AC-FT	20380						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27	16	---	---	---	---	10.0	7.3	12	0.00	19	32
2	26	16	---	---	---	---	9.9	14	13	0.00	20	33
3	27	16	---	---	---	---	9.3	23	15	0.00	20	28
4	27	17	---	---	---	---	9.1	16	15	0.00	21	28
5	28	16	---	---	---	---	9.3	18	13	0.00	23	29
6	28	16	---	---	---	---	9.3	20	13	0.00	24	29
7	26	---	---	---	---	---	9.1	19	14	0.00	24	29
8	23	---	---	---	---	---	8.8	18	13	0.00	23	28
9	23	---	---	---	---	---	8.4	18	13	0.00	23	28
10	23	---	---	---	---	---	8.4	17	13	0.00	19	28
11	23	---	---	---	---	---	8.1	15	13	0.00	17	29
12	22	---	---	---	---	0.00	8.1	15	13	0.00	18	28
13	22	---	---	---	---	0.00	8.3	14	13	0.00	21	27
14	22	---	---	---	---	0.00	8.3	15	12	0.00	22	26
15	22	---	---	---	---	0.00	8.2	13	11	0.00	21	27
16	22	---	---	---	---	0.00	8.2	10	11	0.00	22	28
17	21	---	---	---	---	0.00	8.1	9.0	11	0.00	24	29
18	21	---	---	---	---	0.00	8.0	9.0	11	0.00	28	28
19	22	---	---	---	---	5.1	3.6	9.7	11	0.00	28	27
20	23	---	---	---	---	8.9	8.4	9.6	15	0.00	28	26
21	29	---	---	---	---	8.8	8.6	9.8	16	0.00	27	25
22	29	---	---	---	---	8.8	8.5	11	14	0.00	27	25
23	29	---	---	---	---	9.1	8.7	9.0	15	0.00	34	24
24	19	---	---	---	---	9.7	11	8.0	16	0.00	33	24
25	18	---	---	---	---	10	10	8.7	16	0.00	33	24
26	20	---	---	---	---	9.5	9.2	8.1	15	0.00	33	26
27	20	---	---	---	---	9.5	8.9	7.1	15	0.00	33	25
28	19	---	---	---	---	9.3	8.3	6.5	12	4.3	32	26
29	18	---	---	---	---	10	7.8	6.7	0.08	17	31	27
30	16	---	---	---	---	11	7.6	9.1	0.00	16	32	27
31	16	---	---	---	---	11	---	11	---	17	32	---
TOTAL	711	97	0	0	0	120.7	257.5	384.6	374.08	54.3	792	820
MEAN	23.0	16.1	---	---	---	6.0	8.6	12.4	12.5	1.8	25.5	27.4
MAX	29	17	---	---	---	11	11	23	16	17	34	33
MIN	16	16	---	---	---	0.00	3.6	6.5	0.00	0.00	17	24
AC-FT	1410	192	0.00	0.00	0.00	239	511	763	742	108	1571	1626
CAL YEAR 2006	MAX	42.0	MIN	0.000	AC-FT	8136						
WTR YEAR 2007	MAX	34.0	MIN	0.000	AC-FT	7163						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27	16	---	---	---	---	10.0	7.3	12	0.00	19	32
2	26	16	---	---	---	---	9.9	14	13	0.00	20	33
3	27	16	---	---	---	---	9.3	23	15	0.00	20	28
4	27	17	---	---	---	---	9.1	16	15	0.00	21	28
5	28	16	---	---	---	---	9.3	18	13	0.00	23	29
6	28	16	---	---	---	---	9.3	20	13	0.00	24	29
7	26	---	---	---	---	---	9.1	19	14	0.00	24	29
8	23	---	---	---	---	---	8.8	18	13	0.00	23	28
9	23	---	---	---	---	---	8.4	18	13	0.00	23	28
10	23	---	---	---	---	---	8.4	17	13	0.00	19	28
11	23	---	---	---	---	---	8.1	15	13	0.00	17	29
12	22	---	---	---	---	0.00	8.1	15	13	0.00	18	28
13	22	---	---	---	---	0.00	8.3	14	13	0.00	21	27
14	22	---	---	---	---	0.00	8.3	15	12	0.00	22	26
15	22	---	---	---	---	0.00	8.2	13	11	0.00	21	27
16	22	---	---	---	---	0.00	8.2	10	11	0.00	22	28
17	21	---	---	---	---	0.00	8.1	9.0	11	0.00	24	29
18	21	---	---	---	---	0.00	8.0	9.0	11	0.00	28	28
19	22	---	---	---	---	5.1	3.6	9.7	11	0.00	28	27
20	23	---	---	---	---	8.9	8.4	9.6	15	0.00	28	26
21	29	---	---	---	---	8.8	8.6	9.8	16	0.00	27	25
22	29	---	---	---	---	8.8	8.5	11	14	0.00	27	25
23	29	---	---	---	---	9.1	8.7	9.0	15	0.00	34	24
24	19	---	---	---	---	9.7	11	8.0	16	0.00	33	24
25	18	---	---	---	---	10	10	8.7	16	0.00	33	24
26	20	---	---	---	---	9.5	9.2	8.1	15	0.00	33	26
27	20	---	---	---	---	9.5	8.9	7.1	15	0.00	33	25
28	19	---	---	---	---	9.3	8.3	6.5	12	4.3	32	26
29	18	---	---	---	---	10	7.8	6.7	0.08	17	31	27
30	16	---	---	---	---	11	7.6	9.1	0.00	16	32	27
31	16	---	---	---	---	11	---	11	---	17	32	---
TOTAL	711	97	0	0	0	120.7	257.5	384.6	374.08	54.3	792	820
MEAN	23.0	16.1	---	---	---	6.0	8.6	12.4	12.5	1.8	25.5	27.4
MAX	29	17	---	---	---	11	11	23	16	17	34	33
MIN	16	16	---	---	---	0.00	3.6	6.5	0.00	0.00	17	24
AC-FT	1410	192	0.00	0.00	0.00	239	511	763	742	108	1571	1626
CAL YEAR 2006	MAX	42.0	MIN	0.000	AC-FT	8136						
WTR YEAR 2007	MAX	34.0	MIN	0.000	AC-FT	7163						

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.

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 67 cubic feet per second June 28, gage height 1.44 feet; minimum daily discharge 0.17 cubic feet per second April 21.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.7	0.71	10	6.7	6.0	9.2	0.58	0.43	0.74	19	6.6	12
2	1.9	0.63	10	11	9.4	18	0.55	3.2	0.79	17	7.8	13
3	2.1	0.63	11	10	8.2	18	0.66	6.1	0.85	14	7.0	3.8
4	2.4	0.62	12	11	7.4	6.6	0.63	0.51	0.84	15	7.2	3.2
5	4.1	0.56	11	9.7	10	7.1	0.65	0.77	0.84	16	9.1	5.3
6	4.2	0.52	11	10	10	5.2	0.60	0.85	0.86	16	10	7.5
7	2.1	0.46	10	8.4	9.1	4.5	0.59	0.84	0.85	16	7.0	7.2
8	1.3	6.2	11	9.4	9.0	4.0	0.64	0.81	0.82	14	4.7	6.5
9	1.2	16	12	9.1	8.7	8.1	0.64	0.81	0.79	13	5.0	7.3
10	1.3	13	11	7.7	8.4	11	0.59	0.81	1.0	12	2.7	7.7
11	1.3	13	11	7.4	7.6	10	0.55	0.86	1.1	13	2.1	10
12	1.2	13	11	7.3	8.8	11	0.47	0.89	1.3	12	3.0	8.8
13	1.1	12	11	6.8	9.1	12	0.46	1.1	1.3	12	2.6	5.1
14	1.2	13	10	6.7	6.4	12	0.40	1.0	1.1	12	2.6	4.8
15	1.2	13	9.4	8.9	9.6	12	0.39	1.1	1.1	11	2.4	6.9
16	1.3	17	9.4	6.8	10.0	12	0.29	0.91	1.1	12	2.5	9.5
17	1.3	15	9.7	6.8	11	12	0.27	0.93	1.5	13	3.1	10
18	1.4	16	9.0	7.0	11	13	0.30	0.93	1.4	15	9.6	10
19	1.4	14	11	6.7	9.8	5.7	0.26	0.85	1.5	17	8.7	7.2
20	3.0	19	9.9	6.7	7.9	1.7	0.20	0.99	5.3	14	7.5	5.2
21	7.2	13	11	6.9	8.0	1.1	0.17	1.0	6.4	14	5.8	4.4
22	7.6	12	11	6.7	8.2	1.0	0.24	0.88	5.0	21	7.0	4.5
23	7.5	12	11	7.0	6.2	0.83	0.23	0.77	6.4	18	26	4.1
24	0.93	12	14	7.2	9.0	0.87	0.35	0.84	6.6	14	21	4.4
25	0.88	12	13	7.7	13	0.80	0.35	0.83	6.6	14	17	5.1
26	0.91	12	9.0	8.9	8.2	0.78	0.39	0.79	4.7	16	14	7.1
27	0.89	11	9.9	8.9	7.9	0.73	0.45	0.74	5.0	21	12	6.8
28	0.88	10	8.5	7.3	7.9	0.74	0.51	0.66	15	21	11	8.1
29	0.86	9.7	9.5	7.8	---	0.77	0.60	0.66	21	7.9	9.3	8.7
30	0.82	9.8	8.5	6.9	---	0.74	0.52	0.62	20	5.5	11	9.3
31	0.77	---	6.7	7.2	---	0.65	---	0.70	---	5.5	13	---
TOTAL	66.94	297.83	322.5	246.6	245.8	202.11	13.53	33.18	121.78	440.9	258.3	213.5
MEAN	2.2	9.9	10.4	8.0	8.8	6.5	0.45	1.1	4.1	14.2	8.3	7.1
MAX	7.6	19	14	11	13	18	0.66	6.1	21	21	26	13
MIN	0.77	0.46	6.7	6.7	6.0	0.65	0.17	0.43	0.74	5.5	2.1	3.2
AC-FT	133	591	640	489	488	401	27	66	242	875	512	423
CAL YEAR 2006	TOTAL		2515	MEAN	6.9	MAX	22.0	MIN	0.30	AC-FT	4988	
WTR YEAR 2007	TOTAL		2463	MEAN	6.7	MAX	26.0	MIN	0.17	AC-FT	4885	

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.

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 222 cubic feet per second August 23, gage height 3.29 feet; minimum daily discharge 17 cubic feet per second June 11.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	79	58	52	51	42	49	26	35	19	69	53	126
2	78	56	50	52	36	39	25	33	19	66	46	111
3	78	56	49	53	40	37	24	40	21	63	50	84
4	80	57	51	51	40	42	27	55	21	64	60	78
5	85	58	50	49	41	43	23	49	20	60	64	70
6	89	55	49	49	43	42	23	47	19	57	60	68
7	83	53	49	48	44	41	23	43	19	52	48	68
8	72	52	49	47	41	41	23	43	20	52	47	67
9	74	52	49	47	41	41	33	45	19	52	50	66
10	79	51	49	48	41	41	50	45	19	50	48	68
11	80	51	49	47	42	40	48	50	17	52	44	53
12	72	49	49	46	41	40	47	48	18	55	41	67
13	75	48	50	48	40	46	48	49	19	58	43	60
14	77	51	50	48	41	40	48	49	19	60	45	56
15	79	44	51	45	34	40	48	44	18	60	43	63
16	86	45	50	48	47	41	48	38	18	53	45	69
17	77	45	49	49	42	45	47	35	18	54	46	71
18	70	45	48	50	41	44	46	29	19	53	55	66
19	73	47	48	49	41	45	45	27	40	52	60	62
20	72	51	51	50	43	54	44	25	33	55	62	61
21	63	50	51	51	41	44	44	23	39	56	65	57
22	60	48	54	49	45	46	43	23	41	54	59	55
23	63	48	52	47	45	45	41	24	53	57	126	54
24	53	48	52	45	45	45	40	21	57	53	104	55
25	55	51	51	46	42	48	40	20	61	53	146	45
26	55	51	53	46	42	50	39	19	59	56	135	43
27	52	51	52	45	39	42	38	19	47	69	133	46
28	56	52	52	45	43	35	41	20	52	73	107	57
29	61	51	51	44	---	27	39	21	65	75	90	60
30	59	48	51	44	---	28	38	20	70	68	92	60
31	56	---	53	44	---	27	---	19	---	57	99	---
TOTAL	2191	1522	1564	1481	1163	1288	1149	1058	959	1808	2166	1966
MEAN	70.7	50.7	50.4	47.8	41.5	41.5	38.2	34.1	32.0	58.2	69.9	65.5
MAX	89	58	54	53	47	54	50	55	70	75	146	126
MIN	52	44	48	44	34	27	23	19	17	50	41	43
AC-FT	4346	3019	3102	2938	2307	2555	2279	2099	1902	3586	4296	3900
CAL YEAR 2006	TOTAL		17845	MEAN	48.9	MAX	127.0	MIN	12.0	AC-FT	35400	
WTR YEAR 2007	TOTAL		18315	MEAN	50.2	MAX	146.0	MIN	17.0	AC-FT	36330	

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River, 00009000

LOCATION.--NWL/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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	60	23	---	---	---	---	0.00	52	60	43	100	93
2	57	3.0	---	---	---	---	0.00	53	47	0.00	102	89
3	56	2.0	---	---	---	---	0.00	52	46	0.00	90	95
4	56	0.00	---	---	---	---	0.00	56	46	0.00	87	95
5	57	0.00	---	---	---	---	0.00	50	56	0.00	84	88
6	61	0.00	---	---	---	---	0.00	50	57	0.00	82	88
7	70	0.00	---	---	---	---	0.00	49	60	0.00	84	77
8	70	---	---	---	---	---	64	43	55	0.00	84	69
9	72	---	---	---	---	---	70	44	50	0.00	86	65
10	73	---	---	---	---	---	58	48	63	58	88	50
11	71	---	---	---	---	---	47	56	85	84	96	75
12	67	---	---	---	---	---	44	62	70	77	84	84
13	66	---	---	---	---	---	54	62	64	77	95	72
14	66	---	---	---	---	---	76	59	60	94	98	64
15	66	---	---	---	---	---	60	57	67	93	89	64
16	65	---	---	---	---	---	57	58	71	99	84	66
17	63	---	---	---	---	---	57	62	73	98	84	73
18	61	---	---	---	---	---	52	54	81	86	102	64
19	56	---	---	---	---	---	52	49	78	78	98	59
20	57	---	---	---	---	---	60	49	85	77	85	51
21	58	---	---	---	---	---	72	55	79	81	78	60
22	60	---	---	---	---	---	67	57	76	80	86	59
23	57	---	---	---	---	---	67	56	87	83	122	53
24	56	---	---	---	---	---	78	50	69	60	94	53
25	56	---	---	---	---	---	59	53	69	61	93	62
26	55	---	---	---	---	---	50	51	64	63	93	63
27	54	---	---	---	---	0.00	54	54	65	68	92	58
28	52	---	---	---	---	0.00	46	53	67	104	75	51
29	52	---	---	---	---	0.00	50	53	89	110	81	48
30	51	---	---	---	---	0.00	52	50	79	102	91	49
31	48	---	---	---	---	0.00	---	54	---	104	89	---
TOTAL	1869	28	0	0	0	0	1346	1651	2018	1880	2796	2037
MEAN	60.3	4.0	---	---	---	0.000	44.9	53.3	67.2	60.7	90.2	67.9
MAX	73	23	---	---	---	0.00	78	62	89	110	122	95
MIN	48	0.00	---	---	---	0.00	0.00	43	46	0.00	75	48
AC-FT	3707	56	0.00	0.00	0.00	0.00	2670	3275	4003	3729	5546	4040
CAL YEAR 2006	MAX	109.0	MIN	0.000	AC-FT	27550						
WTR YEAR 2007	MAX	122.0	MIN	0.000	AC-FT	27020						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from Cedar Creek, 00010000

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

GAGE.--Continuous stage recorder and concrete box

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.7	---	---	---	---	---	---	2.1	1.9	1.6	2.9	1.8
2	1.7	---	---	---	---	---	---	2.2	2.0	0.70	3.0	1.8
3	1.6	---	---	---	---	---	---	2.1	2.0	0.28	2.7	1.7
4	1.7	---	---	---	---	---	---	2.3	2.0	0.15	2.0	1.7
5	1.6	---	---	---	---	---	---	2.0	2.1	0.13	2.5	2.0
6	1.5	---	---	---	---	---	---	1.9	2.0	0.13	1.9	2.4
7	1.5	---	---	---	---	---	---	1.8	2.1	0.10	2.8	2.5
8	1.4	---	---	---	---	---	---	1.7	2.1	0.07	3.3	2.6
9	1.4	---	---	---	---	---	0.00	1.7	2.0	0.05	3.4	2.7
10	1.3	---	---	---	---	---	0.00	1.9	1.9	1.7	3.5	2.8
11	1.2	---	---	---	---	---	0.00	1.9	2.0	3.4	3.3	3.1
12	1.4	---	---	---	---	---	0.00	1.6	2.5	2.5	3.4	3.2
13	1.4	---	---	---	---	---	0.63	1.7	2.1	2.3	2.8	3.2
14	1.5	---	---	---	---	---	0.63	2.2	2.4	3.7	3.4	3.0
15	1.5	---	---	---	---	---	0.61	2.3	2.6	3.7	2.3	2.1
16	1.5	---	---	---	---	---	0.60	2.4	3.0	2.9	1.8	1.8
17	1.5	---	---	---	---	---	0.92	2.3	2.9	2.6	3.4	1.8
18	1.6	---	---	---	---	---	0.39	2.1	2.7	2.9	2.4	1.8
19	1.6	---	---	---	---	---	0.24	2.0	2.2	3.0	2.7	1.5
20	1.5	---	---	---	---	---	1.2	2.4	1.5	3.0	3.8	1.0
21	1.3	---	---	---	---	---	4.4	2.6	1.3	3.0	4.0	0.76
22	1.3	---	---	---	---	---	4.5	2.9	1.6	2.9	3.2	0.63
23	1.0	---	---	---	---	---	4.4	3.0	2.8	3.0	4.5	0.54
24	0.00	---	---	---	---	---	1.5	3.0	2.1	3.1	3.2	0.49
25	0.00	---	---	---	---	---	1.0	3.0	1.8	2.9	2.7	1.1
26	0.00	---	---	---	---	---	0.85	3.0	2.9	3.6	2.4	1.3
27	0.00	---	---	---	---	---	1.4	2.9	2.4	3.1	2.1	1.4
28	---	---	---	---	---	---	1.8	3.0	2.9	2.8	2.0	1.1
29	---	---	---	---	---	---	1.9	3.1	1.6	2.8	1.9	1.0
30	---	---	---	---	---	---	2.1	2.5	1.6	3.2	1.9	1.2
31	---	---	---	---	---	---	---	2.0	---	3.1	1.6	---
TOTAL	33.7	0	0	0	0	0	29.07	71.6	65	68.41	86.8	54.02
MEAN	1.3	---	---	---	---	---	1.3	2.3	2.2	2.2	2.8	1.8
MAX	1.7	---	---	---	---	---	4.5	3.1	3.0	3.7	4.5	3.2
MIN	0.00	---	---	---	---	---	0.00	1.6	1.3	0.05	1.6	0.49
AC-FT	67	0.00	0.00	0.00	0.00	0.00	58	142	129	136	172	107
CAL YEAR 2006	MAX		7.8	MIN	0.000	AC-FT	891					
WTR YEAR 2007	MAX		4.5	MIN	0.000	AC-FT	810					

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.8	1.3	---	---	---	---	0.00	43	17	8.8	19	0.35e
2	7.5	0.00	---	---	---	---	0.00	52	16	0.00	19	0.35e
3	7.2	0.00	---	---	---	---	0.00	51	16	0.00	19	1.4
4	7.0	0.00	---	---	---	---	0.00	42	15	0.00	22	2.1
5	6.8	0.00	---	---	---	---	0.00	27	16	0.00	22	2.0
6	6.7	0.00	---	---	---	---	0.00	27	16	0.00	22	1.9
7	6.8	0.00	---	---	---	---	0.00	27	16	0.00	22	1.7
8	6.6	---	---	---	---	---	1.8	25	16	0.00	22	1.3
9	17	---	---	---	---	---	1.4	26	15	0.00	23	1.2
10	24	---	---	---	---	---	0.67	27	16	0.00	23	0.64
11	24	---	---	---	---	---	0.26	8.2	18	0.00	26	1.7
12	24	---	---	---	---	---	0.26	0.64	17	0.00	26	2.2
13	24	---	---	---	---	---	0.28	0.57	17	0.00	22	1.6
14	25	---	---	---	---	---	0.41	0.46	16	15	16	1.3
15	25	---	---	---	---	---	0.39	0.42	17	28	14	1.2
16	25	---	---	---	---	---	0.37	0.41	17	27	8.0	5.6
17	25	---	---	---	---	---	0.30	0.47	17	24	0.79	14
18	37	---	---	---	---	---	9.5	0.38	18	23	1.9	12
19	49	---	---	---	---	---	16	0.36	19	22	2.5	7.0
20	50	---	---	---	---	---	24	0.30	22	22	3.0	0.52
21	51	---	---	---	---	---	27	0.35	22	22	3.6	0.82
22	53	---	---	---	---	---	26	0.53	20	22	4.8	0.83
23	27	---	---	---	---	---	21	11	21	9.1	7.4	0.69
24	2.7	---	---	---	---	---	18	22	19	0.00	7.6	0.67
25	2.6	---	---	---	---	---	12	37	19	0.00	0.35e	0.76
26	2.5	---	---	---	---	---	25	38	19	0.00	0.35e	0.76
27	2.5	---	---	---	---	0.00	28	39	13	0.00	0.35e	0.59
28	2.5	---	---	---	---	0.00	24	25	9.1	10	0.35e	0.37
29	2.5	---	---	---	---	0.00	27	16	12	20	0.35e	0.30
30	2.4	---	---	---	---	0.00	29	10	11	19	0.35e	0.30
31	2.3	---	---	---	---	0.00	---	16	---	19	0.35e	---
TOTAL	556.4	1.3	0	0	0	0	292.64	574.09	502.1	290.9	359.04	66.15
MEAN	17.8	0.19	---	---	---	0.000	9.8	18.6	16.7	9.3	11.6	2.2
MAX	53	1.3	---	---	---	0.00	29	52	22	28	26	14
MIN	2.3	0.00	---	---	---	0.00	0.00	0.30	9.1	0.00	0.35	0.30
AC-FT	1104	2.6	0.00	0.00	0.00	0.00	580	1139	996	577	712	131
CAL YEAR 2006	MAX	53.0	MIN	0.000	AC-FT	8184						
WTR YEAR 2007	MAX	53.0	MIN	0.000	AC-FT	5242						

e indicates estimated discharge.

NORTH PLATTE RIVER at Bridgeport, 06684500

LOCATION.--Main channel gage: NW1/4NW1/4 Sec. 28-20-50 W., Morrill County, Lat. 41° 40' 54", Long. 103° 05' 52", on left bank 0.3 miles upstream from bridge on U.S. Highway 26, 0.8 miles north of Bridgeport.
 Browns Creek channel gage: NW1/4NW1/4 Sec. 28-20-50 W., Morrill County, Lat. 41° 40' 55", Long. 103° 05' 53", on right bank 0.2 miles upstream from culvert on U.S. Highway 26, 0.8 miles north of Bridgeport.

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 853 cubic feet per second September 7, combined flow for both channels; minimum daily discharge 73 cubic feet per second June 5, combined flow for both channels.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	571	763	694	599	502	544	556	351	76	183	444	681
2	549	774	645	633	550e	529	592	366	89	256	475	693
3	525	810	648	674	560e	468	612	363	92	308	482	698
4	515	845	697	698	570e	497	618	372	88	333	478	760
5	526	844	728	702	570e	502	652	356	73	358	457	807
6	539	834	747	665	580e	523	619	340	74	369	419	838
7	618	838	761	624	590e	546	589	331	74	388	370	824
8	654	825	767	605	600e	570	498	328	85	420	328	757
9	686	797	754	605	610e	579	478	301	112	445	298	687
10	703	742	734	618	555e	595	493	277	117	420	280	655
11	713	708	704	610	530	617	484	259	172	374	268	645
12	710	721	671	570	534	618	486	250	255	367	273	696
13	687	749	679	617	505	618	495	243	287	337	269	775
14	717	798	703	620	487	623	447	236	280	293	267	777
15	756	783	720	610e	474	619	448	223	263	289	270	720
16	771	764	729	600e	559	606	476	208	238	284	265	661
17	769	767	719	615e	528	613	391	188	209	265	268	633
18	772	773	690	610e	557	615	376	172	175	257	279	594
19	782	767	637	620e	610	588	345	166	165	268	301	513
20	769	773	659	630e	648	565	310	153	185	267	314	474
21	734	770	694	640e	621	577	307	156	140	275	316	468
22	683	773	640	650e	614	583	309	146	118	290	301	457
23	704	778	618	660e	598	558	310	121	114	316	426	467
24	765	755	622	670e	584	562	361	112	129	361	683	489
25	786	750	577	680e	553	599	378	102	106	365	741	505
26	772	743	562	693	536	573	371	93	93	380	757	526
27	751	743	578	678	524	559	364	88	86	434	747	506
28	765	769	609	653	539	584	361	84	81	514	699	493
29	796	732	629	657	---	578	347	82	108	512	623	517
30	810	676	602	612	---	613	346	77	128	502	617	555
31	765	---	582	595	---	575	---	86	---	456	624	---
TOTAL	21663	23164	20799	19713	15688	17796	13419	6630	4212	10886	13339	18871
MEAN	698.9	772.1	670.9	635.9	560.3	574.1	447.3	213.8	140.3	351.2	430.3	628.9
MAX	810	845	767	702	648	623	652	372	287	514	757	838
MIN	515	676	562	570	474	468	307	77	73	183	265	457
AC-FT	42970	45950	41250	39100	31120	35300	26620	13150	8354	21590	26460	37430
CAL YEAR 2006 TOTAL			194629	MEAN	533.2	MAX	1110	MIN	131.0	AC-FT	386000	
WTR YEAR 2007 TOTAL			186180	MEAN	510.1	MAX	845.0	MIN	73.0	AC-FT	369300	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	8.8	40	78	67	48
2	0.00	---	---	---	---	---	0.00	25	39	81	67	47
3	0.00	---	---	---	---	---	0.00	19	38	82	70	48
4	---	---	---	---	---	---	0.00	24	37	83	69	57
5	---	---	---	---	---	---	0.00	25	35	81	68	64
6	---	---	---	---	---	---	0.00	25	35	81	72	66
7	---	---	---	---	---	---	0.00	25	36	79	81	63
8	---	---	---	---	---	---	0.00	25	37	75	82	60
9	---	---	---	---	---	---	0.00	26	39	81	76	60
10	---	---	---	---	---	---	0.00	29	40	80	81	55
11	---	---	---	---	---	---	0.00	32	54	80	78	41
12	---	---	---	---	---	---	0.00	35	55	80	78	37
13	---	---	---	---	---	0.00	0.00	38	43	78	78	38
14	---	---	---	---	---	0.00	0.00	40	48	78	80	38
15	---	---	---	---	---	0.00	0.00	41	50	82	80	37
16	---	---	---	---	---	0.00	0.00	47	56	81	80	35
17	---	---	---	---	---	0.00	0.00	52	64	81	79	31
18	---	---	---	---	---	0.00	0.00	57	71	82	80	30
19	---	---	---	---	---	0.00	0.00	50	74	83	77	31
20	---	---	---	---	---	0.00	0.00	40	78	84	71	31
21	---	---	---	---	---	0.00	0.00	50	85	86	72	31
22	---	---	---	---	---	0.00	0.00	50	81	86	69	31
23	---	---	---	---	---	0.00	0.00	43	82	81	34	31
24	---	---	---	---	---	0.00	0.00	43	85	77	31	38
25	---	---	---	---	---	0.00	0.00	45	77	72	30	42
26	---	---	---	---	---	0.00	0.00	51	69	72	33	40
27	---	---	---	---	---	0.00	0.00	52	65	72	36	38
28	---	---	---	---	---	0.00	0.00	51	59	71	34	38
29	---	---	---	---	---	0.00	0.00	51	78	70	38	37
30	---	---	---	---	---	0.00	0.00	44	87	70	42	37
31	---	---	---	---	---	0.00	---	42	---	70	47	---
TOTAL	0	0	0	0	0	0	0	1185.8	1737	2437	1980	1280
MEAN	0.000	---	---	---	---	0.000	0.000	38.3	57.9	78.6	63.9	42.6
MAX	0.00	---	---	---	---	0.00	0.00	57	87	86	82	66
MIN	0.00	---	---	---	---	0.00	0.00	8.8	35	70	30	30
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2352	3445	4834	3927	2539
CAL YEAR 2006	MAX	88.0	MIN	0.000	AC-FT	17960						
WTR YEAR 2007	MAX	87.0	MIN	0.000	AC-FT	17100						

NORTH PLATTE RIVER BASIN

COURTHOUSE ROCK CANAL from Pumpkin Creek, 00030000

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

GAGE.--Continuous stage recorder and concrete box

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	2.9	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	3.0	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	2.6	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	2.4	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	2.3	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	0.09	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	1.9	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	2.8	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	15.99	46.8	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.53	1.5	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	0.00	2.8	3.0	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32	93	0.00	0.00
CAL YEAR 2006	MAX	1.3	MIN	0.000	AC-FT	78						
WTR YEAR 2007	MAX	3.0	MIN	0.000	AC-FT	125						

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 2007

	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
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	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	---
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	2.2	MIN	0.000	AC-FT	64						
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00						

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.02	0.00	---	---	---	0.00	0.75	0.01	14	3.1	3.3	2.5
2	0.01	0.00	---	---	---	---	0.81	0.00	14	3.4	3.3	2.6
3	0.01	0.00	---	---	---	---	0.73	---	15	3.2	2.8	2.8
4	0.04	0.00	---	---	---	---	0.26	---	15	3.1	3.8	2.6
5	0.03	0.00	---	---	---	---	---	0.00	15	3.0	2.3	3.0
6	0.02	0.00	---	---	---	---	---	---	8.8	3.1	2.4	3.9
7	0.02	0.00	---	---	---	---	31	---	3.0	3.0	2.4	3.9
8	0.01	0.00	---	---	---	---	---	0.38	3.5	3.1	2.3	3.8
9	0.01	0.00	---	---	---	---	0.35	0.59	3.6	3.2	2.3	3.6
10	0.02	0.00	---	---	---	---	0.04	1.0	3.5	3.2	2.3	4.1
11	0.02	0.00	---	---	---	---	0.11	0.18	5.5	2.8	2.1	4.3
12	0.01	0.00	---	---	---	---	0.11	0.47	3.5	5.4	2.2	4.7
13	0.02	0.00	---	---	---	---	0.32	2.4	3.6	3.0	2.4	4.9
14	0.02	0.00	---	---	---	---	1.5	0.06	3.6	2.8	2.4	4.9
15	0.02	---	---	---	---	---	0.69	0.39	3.9	2.7	2.4	6.4
16	0.01	---	---	---	---	---	0.66	0.91	3.8	2.6	2.4	5.2
17	0.02	---	---	---	---	---	0.85	0.04	3.9	2.7	2.4	---
18	0.00	---	---	---	---	---	0.37	1.0	3.8	2.6	2.4	0.34
19	0.00	---	---	---	---	---	0.90	1.5	4.1	2.6	2.5	0.28
20	0.00	---	---	---	---	---	0.77	0.74	4.5	2.8	6.5	0.56
21	---	---	---	---	---	---	0.60	6.3	4.2	2.8	1.9	0.55
22	---	---	---	---	---	---	1.6	14	3.8	2.6	1.9	0.91
23	0.00	---	---	---	---	---	0.00	14	3.5	2.7	8.7	---
24	0.00	---	---	---	---	---	0.60	14	3.3	2.7	---	---
25	0.00	---	---	---	---	---	2.0	15	3.5	2.8	---	---
26	0.00	---	---	---	---	---	0.11	15	3.7	2.6	---	---
27	---	---	---	---	---	0.00	0.16	15	3.2	2.3	---	---
28	---	---	---	---	0.00	2.3	0.60	15	3.2	2.2	---	---
29	---	---	---	---	---	---	1.4	15	3.0	---	2.4	---
30	---	---	---	---	---	0.36	0.68	15	3.0	3.3	2.6	---
31	0.00	---	---	---	---	1.5	---	15	---	3.5	2.6	---
TOTAL	0.31	0	0	0	0	4.16	47.97	162.97	170	88.9	75	65.84
MEAN	0.012	0.000	---	---	0.000	0.82	1.8	6.0	5.7	3.0	2.9	3.1
MAX	0.04	0.00	---	---	0.00	2.3	31	15	15	5.4	8.7	6.4
MIN	0.00	0.00	---	---	0.00	0.00	0.00	0.00	3.0	2.2	1.9	0.28
AC-FT	0.6	0.00	0.00	0.00	0.00	8.3	95	323	337	176	149	131
CAL YEAR 2006	MAX	0.040	MIN	0.000	AC-FT	0.6						
WTR YEAR 2007	MAX	31.0	MIN	0.000	AC-FT	1220						

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 2007

	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
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00						

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 estimated records 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 45 cubic feet per second April 9, gage height 3.32 feet; no flow many days November - September.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	7.1	0.00	0.00	0.00	2.0e	0.00	1.8	0.00	0.00	0.00	0.00
2	12	3.3	0.00	0.00	0.00	2.0e	0.00	1.6	0.00	0.00	0.00	0.00
3	6.5	0.00	0.00	0.00	0.00	2.0e	0.00	2.3	0.00	0.00	0.00	0.00
4	7.2	0.00	0.00	0.00	0.00	2.0e	0.00	6.2	0.00	0.00	0.00	0.00
5	8.2	0.00	0.00	0.00	0.00	2.0e	0.00	5.8	0.00	0.00	0.00	0.00
6	9.5	0.00	0.00	0.00	0.00	2.0e	0.00	5.6	0.00	0.00	0.00	0.00
7	18	0.00	0.00	0.00	0.00	0.00	0.00	4.2	0.00	0.00	0.00	0.58
8	18	0.00	0.00	0.00	0.00	0.00	0.00	3.3	0.00	0.00	0.00	0.75
9	24	0.00	0.00	0.00	0.00	0.00	32	2.7	0.00	0.00	0.00	0.71
10	31	0.00	0.00	0.00	0.00	0.00	23	2.0	0.00	0.00	0.00	0.00
11	30	0.00	0.00	0.00	0.00	0.00	5.9	1.9	0.00	0.00	0.00	0.00
12	30	0.00	0.00	0.00	0.00	0.00	6.8	1.7	0.70	0.00	0.00	0.00
13	27	0.00	0.00	0.00	1.5e	0.00	8.5	0.70	0.97	0.00	0.00	0.00
14	26	0.00	0.00	0.00	1.5e	0.00	8.8	0.23	0.03	0.00	0.00	0.00
15	23	0.00	0.00	0.00	1.5e	0.00	0.00	0.02	0.37	0.00	0.00	0.00
16	23	0.00	0.00	0.00	1.5e	0.00	0.00	0.07	2.2	0.00	0.00	0.00
17	20	0.00	0.00	0.00	1.5e	0.00	0.00	0.65	1.0	0.00	0.00	0.00
18	23	0.00	0.00	0.00	1.5e	0.00	0.07	1.2	0.00	0.00	0.00	0.00
19	18	0.00	0.00	0.00	2.0e	0.00	0.16	0.43	0.00	0.00	0.00	0.00
20	15	0.00	0.00	0.00	2.0e	0.00	0.68	0.02	0.00	0.00	0.00	0.00
21	13	0.00	0.00	0.00	2.0e	0.00	0.99	0.01	0.00	0.00	0.00	0.00
22	15	0.00	0.00	0.00	2.0e	0.00	1.4	0.00	0.00	0.00	0.00	0.00
23	21	0.00	0.00	0.00	2.0e	0.00	1.4	0.11	0.00	0.00	4.5	0.00
24	12	0.00	0.00	0.00	2.0e	0.00	25	0.00	0.00	0.00	17	0.00
25	12	0.00	0.00	0.00	2.0e	0.00	34	0.00	0.00	0.00	29	0.00
26	9.1	0.00	0.00	0.00	2.0e	0.00	30	0.00	0.00	0.00	32	0.00
27	8.0	0.00	0.00	0.00	2.0e	0.00	21	0.00	0.00	0.00	33	0.00
28	7.1	0.00	0.00	0.00	2.0e	0.00	5.7	0.00	0.00	0.00	25	0.00
29	6.0	0.00	0.00	0.00	---	0.00	3.1	0.00	0.00	0.00	0.00	0.00
30	5.0	0.00	0.00	0.00	---	0.00	2.6	0.00	0.00	1.8	0.00	0.00
31	4.7	---	0.00	0.00	---	0.00	---	0.00	---	3.1	0.00	---
TOTAL	499.3	10.4	0	0	29	12	211.1	42.54	5.27	4.9	140.5	2.04
MEAN	16.1	0.35	0.000	0.000	1.0	0.39	7.0	1.4	0.18	0.16	4.5	0.068
MAX	31	7.1	0.00	0.00	2.0	2.0	34	6.2	2.2	3.1	33	0.75
MIN	4.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	990	21	0.00	0.00	58	24	419	84	10	9.7	279	4.0
CAL YEAR 2006	TOTAL		1671	MEAN	4.6	MAX	31.0	MIN	0.000	AC-FT	3314	
WTR YEAR 2007	TOTAL		957	MEAN	2.6	MAX	34.0	MIN	0.000	AC-FT	1898	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.0	---	---	---	---	---	---	0.00	5.5	0.00	7.0	14
2	8.1	---	---	---	---	---	---	0.00	5.6	0.00	7.5	14
3	7.4	---	---	---	---	---	---	0.00	5.6	0.00	7.5	13
4	7.7	---	---	---	---	---	---	0.00	5.6	5.5	7.5	14
5	8.7	---	---	---	---	---	---	0.00	5.3	5.0	7.4	14
6	9.7	---	---	---	---	---	---	0.00	5.1	5.3	7.2	14
7	11	---	---	---	---	---	---	0.00	5.1	5.4	6.9	14
8	12	---	---	---	---	---	---	0.00	5.3	5.6	7.6	14
9	12	---	---	---	---	---	0.00	0.00	5.4	5.7	9.4	13
10	12	---	---	---	---	---	0.00	0.00	5.8	5.6	8.1	13
11	12	---	---	---	---	---	0.00	0.00	6.0	5.2	7.9	12
12	13	---	---	---	---	---	0.00	0.00	8.5	5.1	8.4	12
13	12	---	---	---	---	---	0.00	0.00	9.3	4.8	8.7	9.0
14	9.6	---	---	---	---	---	0.00	0.00	8.6	4.4	8.0	7.8
15	0.00	---	---	---	---	---	0.00	0.78	7.9	4.2	8.6	7.6
16	0.00	---	---	---	---	---	0.00	1.3	7.3	4.2	8.4	7.2
17	0.00	---	---	---	---	---	0.00	1.2	7.1	5.4	0.00	6.9
18	0.00	---	---	---	---	---	0.00	1.1	7.5	5.4	0.00	6.8
19	0.00	---	---	---	---	---	0.00	1.1	10	6.0	0.00	6.5
20	0.00	---	---	---	---	---	0.00	1.0	14	6.2	0.00	6.1
21	---	---	---	---	---	---	0.00	1.1	13	6.4	0.00	5.9
22	---	---	---	---	---	---	0.00	4.5	11	6.4	0.00	5.7
23	---	---	---	---	---	---	0.00	8.0	10	6.3	0.00	5.5
24	---	---	---	---	---	---	0.00	9.0	10	6.8	0.00	5.3
25	---	---	---	---	---	---	0.00	7.8	9.0	6.8	0.00	5.0
26	---	---	---	---	---	---	0.00	7.3	8.4	6.6	0.00	4.9
27	---	---	---	---	---	---	0.00	6.9	7.8	7.0	0.00	4.8
28	---	---	---	---	---	---	0.00	6.7	7.1	7.4	12	4.6
29	---	---	---	---	---	---	0.00	6.7	6.3	7.5	12	4.5
30	---	---	---	---	---	---	0.00	6.2	0.00	7.5	13	4.5
31	---	---	---	---	---	---	---	6.0	---	7.2	14	---
TOTAL	144.2	0	0	0	0	0	0	76.68	223.1	164.9	177.1	269.6
MEAN	7.2	---	---	---	---	---	0.000	2.5	7.5	5.3	5.7	8.9
MAX	13	---	---	---	---	---	0.00	9.0	14	7.5	14	14
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.5
AC-FT	286	0.00	0.00	0.00	0.00	0.00	0.00	152	443	327	351	535
CAL YEAR 2006	MAX		17.0	MIN	0.000	AC-FT	1786					
WTR YEAR 2007	MAX		14.0	MIN	0.000	AC-FT	2094					

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	---	---	---	---	---	0.00	0.00	0.00	8.2	0.00	19
2	9.9	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	20
3	7.8	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	19
4	5.8	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	20
5	7.5	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	22
6	18	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	21
7	16	---	---	---	---	---	0.00	0.00	0.00	0.00	12	20
8	16	---	---	---	---	---	0.00	0.00	0.00	0.00	15	19
9	15	---	---	---	---	---	0.00	0.00	1.4	0.00	15	19
10	15	---	---	---	---	---	0.00	0.00	5.7	0.00	15	19
11	16	---	---	---	---	---	0.00	0.00	4.0	0.00	17	15
12	17	---	---	---	---	---	0.00	0.00	23	0.00	17	18
13	16	---	---	---	---	---	0.00	0.00	29	0.00	14	15
14	10	---	---	---	---	---	0.00	0.00	24	0.00	14	0.00
15	11	---	---	---	---	---	0.00	0.00	11	0.00	15	0.00
16	12	---	---	---	---	---	0.00	0.00	13	0.00	15	0.00
17	13	---	---	---	---	---	0.00	0.00	0.00	0.00	15	0.00
18	8.2	---	---	---	---	---	0.00	0.00	6.4	0.00	13	0.00
19	0.00	---	---	---	---	---	0.00	0.00	12	0.00	12	0.00
20	0.00	---	---	---	---	---	0.00	0.00	9.0	0.00	13	0.00
21	---	---	---	---	---	---	0.00	0.00	3.0	0.00	14	0.00
22	---	---	---	---	---	---	0.00	0.00	14	0.00	16	0.00
23	---	---	---	---	---	---	0.00	0.00	6.2	0.00	25	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	15	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	26	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	24	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	21	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	20	0.00
29	---	---	---	---	---	0.00	0.00	0.00	5.3	0.00	20	0.00
30	---	---	---	---	---	0.00	0.00	0.00	23	0.00	20	0.00
31	---	---	---	---	---	0.00	---	0.00	---	0.00	20	---
TOTAL	226.2	0	0	0	0	0	0	0	190	8.2	423	246
MEAN	11.3	---	---	---	---	0.000	0.000	0.000	6.3	0.26	13.7	8.2
MAX	18	---	---	---	---	0.00	0.00	0.00	29	8.2	26	22
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	449	0.00	0.00	0.00	0.00	0.00	0.00	0.00	377	16	839	488
CAL YEAR 2006	MAX	42.0	MIN	0.000	AC-FT	3788						
WTR YEAR 2007	MAX	29.0	MIN	0.000	AC-FT	2169						

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 966 cubic feet per second March 29, gage height 1.54 feet; maximum gage height 3.45 feet December 24 due to backwater from ice; minimum daily discharge 38 cubic feet per second estimated June 30.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	562	692	699	632e	619e	676	646	442	142	47	385	579
2	562	692	725	617e	621e	648	627	419	136	66	416	597
3	546	835	746	623e	631e	645e	644	394	141	117	449	588
4	520	856	756	623e	647e	641e	652	590	138	160	446	581
5	522	863	825	620e	714e	632	683	576	132	213	431	610
6	514	849	810	615e	803e	626	696	528	121	261	414	666
7	537	848	816	600e	875e	627	693	462	113	279	329	707
8	596	839	816	600e	912e	627	680	452	114	315	285	709
9	628	808	801	600e	919e	634	610	444	113	362	260	645
10	642	809	781	590e	908e	637	621	403	106	371	260	646
11	624	790	773	590e	870e	645	587	374	99	332	244	605
12	621	778	772	580e	815e	636	583	345	102	312	206	626
13	638	763	777	580e	727e	644	591	323	207	324	212	692
14	666	762	784	580e	610e	633	568	311	244	276	221	748
15	717	767	762	580e	587e	605	536	299	236	238	231	731
16	741	784	763	580e	609e	587	535	276	203	227	199	664
17	756	782	765	590e	773e	603	509	264	192	217	188	588
18	780	767	785	590e	832e	628	475	246	159	208	187	546
19	731	743	635e	590e	858e	615	456	226	122	192	193	506
20	708	735	629e	595e	877e	597	417	217	104	214	212	491
21	714	745	641e	609e	875e	599	415	210	111	208	226	467
22	722	757	620e	638e	780	630	430	221	94	194	224	439
23	714	756	611e	676e	728	642	418	192	88	198	403	436
24	752	750	621e	710e	713	691	740	169	83	224	467	441
25	770	739	642e	749e	655	797	774	156	79	278	637	444
26	766	736	670e	767e	656	698	611	142	74	291	703	444
27	760	726	687e	784e	653	668	546	136	70	355	711	439
28	770	724	666e	785e	669	692	503	130	62	429	704	447
29	787	701	649e	676e	---	825	490	139	50	467	668	469
30	782	667	659e	638e	---	824	455	156	38	491	622	485
31	749	---	642e	623e	---	721	---	145	---	466	596	---
TOTAL	20897	23063	22328	19630	20936	20373	17191	9387	3673	8332	11729	17036
MEAN	674.0	768.8	720.2	633.3	747.7	657.2	573.0	302.8	122.5	268.9	378.4	567.9
MAX	787	863	825	785	919	825	774	590	244	491	711	748
MIN	514	667	611	580	587	587	415	130	38	47	187	436
AC-FT	41450	45740	44290	38940	41530	40410	34100	18620	7285	16530	23260	33790
CAL YEAR 2006	TOTAL	201910	MEAN	553.2	MAX	1000	MIN	114.0	AC-FT	400500		
WTR YEAR 2007	TOTAL	194575	MEAN	533.1	MAX	919.0	MIN	38.0	AC-FT	385900		

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 2007												
	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	1.8
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.5
6	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	7.1
7	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.1
8	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.6
9	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.7
10	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	9.1
11	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.5
12	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	7.6
13	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	7.6
14	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.6
15	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	9.8
16	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.7
17	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.3
18	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.0
19	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	8.4
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	7.7
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.5
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.4
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.7
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.0
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.7
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.8
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.4
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.6
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.6
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.2
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	197
MEAN	0.000	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000	6.6
MAX	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.8
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	391
CAL YEAR 2006	MAX	19.0	MIN	0.000	AC-FT	727						
WTR YEAR 2007	MAX	9.8	MIN	0.000	AC-FT	391						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.4	---	---	---	---	---	0.00	0.00	0.00	14	0.00	5.0
2	9.6	---	---	---	---	---	0.00	0.00	0.00	14	0.61	5.1
3	9.7	---	---	---	---	---	0.00	0.00	0.00	14	3.5	7.5
4	9.8	---	---	---	---	---	0.00	0.00	0.00	14	4.2	9.1
5	9.9	---	---	---	---	---	0.00	0.00	0.00	10	5.9	9.3
6	10.0	---	---	---	---	---	0.00	0.00	0.00	0.00	9.7	9.4
7	3.5	---	---	---	---	---	0.00	0.00	0.00	0.00	10	9.9
8	0.30	---	---	---	---	---	0.00	0.00	0.00	0.00	10	9.4
9	0.19	---	---	---	---	---	0.00	0.00	0.00	0.00	11	8.6
10	0.10	---	---	---	---	---	0.00	0.00	0.00	0.00	11	9.5
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	10	9.6
12	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	11	9.5
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	11	9.8
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	14	11
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	5.5	11
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.03	11
17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	11
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	13
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	13
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	13
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	12
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	12
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	12
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	13
25	---	---	---	---	---	---	0.00	0.00	8.0	0.00	0.00	11
26	---	---	---	---	---	---	0.00	0.00	14	0.00	0.00	10
27	---	---	---	---	---	---	0.00	0.00	14	0.00	0.00	9.6
28	---	---	---	---	---	---	0.00	0.00	14	0.00	0.00	9.1
29	---	---	---	---	---	0.00	0.00	0.00	14	0.00	5.0	9.0
30	---	---	---	---	---	0.00	0.00	0.00	14	0.00	6.4	9.0
31	---	---	---	---	---	0.00	---	0.00	---	0.00	5.2	---
TOTAL	62.49	0	0	0	0	0	0	0	78	66	134.04	301.4
MEAN	5.2	---	---	---	---	0.000	0.000	0.000	2.6	2.1	4.3	10.0
MAX	10.0	---	---	---	---	0.00	0.00	0.00	14	14	14	13
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	5.0
AC-FT	124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155	131	266	598
CAL YEAR 2006	MAX	18.0	MIN	0.000	AC-FT	1304						
WTR YEAR 2007	MAX	14.0	MIN	0.000	AC-FT	1273						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	---	---	---	---	---	0.00	0.00	10	0.00	39	34
2	18	---	---	---	---	---	0.00	12	9.8	0.00	42	33
3	18	---	---	---	---	---	0.00	25	9.3	0.00	50	35
4	18	---	---	---	---	---	0.00	19	8.8	0.00	52	33
5	18	---	---	---	---	---	0.00	12	8.6	0.00	51	24
6	18	---	---	---	---	---	0.00	12	8.5	0.00	51	19
7	18	---	---	---	---	---	0.00	11	8.6	0.00	52	20
8	18	---	---	---	---	---	0.00	10	8.8	0.00	51	20
9	18	---	---	---	---	---	0.00	9.4	8.8	0.00	51	20
10	18	---	---	---	---	---	0.00	8.7	8.8	0.00	50	21
11	18	---	---	---	---	---	0.00	8.8	10.0	0.00	49	22
12	18	---	---	---	---	---	0.00	5.2	12	0.00	50	23
13	18	---	---	---	---	---	0.00	0.00	13	0.00	50	25
14	18	---	---	---	---	---	0.00	0.00	12	0.00	48	25
15	18	---	---	---	---	---	0.00	0.00	12	0.00	25	23
16	18	---	---	---	---	---	0.00	0.00	11	0.00	26	26
17	19	---	---	---	---	---	0.00	0.00	9.9	0.00	24	32
18	19	---	---	---	---	---	0.00	2.8	14	0.00	24	31
19	16	---	---	---	---	---	0.00	9.9	11	0.00	23	29
20	7.9	---	---	---	---	---	0.00	13	16	0.00	27	30
21	0.00	---	---	---	---	---	0.00	12	15	0.00	32	29
22	0.00	---	---	---	---	---	0.00	14	18	0.00	32	28
23	---	---	---	---	---	---	0.00	11	32	0.00	34	29
24	---	---	---	---	---	---	0.00	9.6	28	0.00	36	36
25	---	---	---	---	---	---	0.00	9.0	33	0.00	37	31
26	---	---	---	---	---	---	0.00	8.9	38	0.00	37	24
27	---	---	---	---	---	---	0.00	8.9	43	0.00	37	18
28	---	---	---	---	---	---	0.00	8.9	46	0.00	39	16
29	---	---	---	---	---	---	0.00	9.9	46	21	38	14
30	---	---	---	---	---	0.00	0.00	15	20	39	39	15
31	---	---	---	---	---	0.00	---	12	---	44	36	---
TOTAL	349.9	0	0	0	0	0	0	278	529.9	104	1232	765
MEAN	15.8	---	---	---	---	0.000	0.000	9.0	17.7	3.4	39.7	25.6
MAX	19	---	---	---	---	0.00	0.00	25	46	44	52	36
MIN	0.00	---	---	---	---	0.00	0.00	0.00	8.5	0.00	23	14
AC-FT	694	0.00	0.00	0.00	0.00	0.00	0.00	551	1051	206	2444	1517
CAL YEAR 2006	MAX	61.0	MIN	0.000	AC-FT	8593						
WTR YEAR 2007	MAX	52.0	MIN	0.000	AC-FT	6464						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.17	9.0	0.00
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	9.9	0.00
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	11	1.3
4	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.2	0.69
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.7	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.1	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.3	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.3	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	0.00	5.6	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.5	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.9	4.9
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	7.3	7.9
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	8.7	7.7
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.7	6.4
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.4	6.1
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.3	6.4
17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.2	5.9
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	3.2	5.5
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.9	5.4
20	---	---	---	---	---	---	0.00	0.00	4.5	0.00	2.8	5.5
21	---	---	---	---	---	---	0.00	0.00	4.6	0.00	4.0	6.0
22	---	---	---	---	---	---	0.00	0.00	3.7	0.00	3.6	5.8
23	---	---	---	---	---	---	0.00	0.00	2.8	0.00	3.4	6.4
24	---	---	---	---	---	---	0.00	0.00	2.5	0.00	3.3	5.8
25	---	---	---	---	---	---	0.00	0.00	3.7	0.00	3.3	3.5
26	---	---	---	---	---	---	0.00	0.00	5.2	0.00	3.2	0.92
27	---	---	---	---	---	---	0.00	0.00	6.6	0.00	3.3	0.00
28	---	---	---	---	---	---	0.00	0.00	8.2	0.00	3.5	0.00
29	---	---	---	---	---	---	0.00	0.00	8.7	2.2	2.9	0.00
30	---	---	---	---	---	0.00	0.00	0.00	4.7	8.2	4.0	0.00
31	---	---	---	---	---	0.00	---	0.00	---	9.3	1.6	---
TOTAL	0	0	0	0	0	0	0	0	55.2	19.87	144.1	92.11
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	1.8	0.64	4.6	3.1
MAX	0.00	---	---	---	---	0.00	0.00	0.00	8.7	9.3	11	7.9
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	1.6	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109	39	286	183
CAL YEAR 2006	MAX	10.0	MIN	0.000	AC-FT	994						
WTR YEAR 2007	MAX	11.0	MIN	0.000	AC-FT	617						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	11	14	8.0
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	14	8.7
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	15	9.9
4	---	---	---	---	---	---	0.00	0.00	2.4	0.26	15	4.5
5	---	---	---	---	---	---	0.00	0.00	2.3e	1.1	15	3.6
6	---	---	---	---	---	---	0.00	0.00	2.3e	0.08	13	9.5
7	---	---	---	---	---	---	0.00	0.00	2.3e	0.08	14	6.3
8	---	---	---	---	---	---	0.00	0.00	2.3e	0.08	15	4.7
9	---	---	---	---	---	---	0.00	0.00	2.7e	0.08	14	11
10	---	---	---	---	---	---	0.00	0.00	3.1e	0.08	11	10
11	---	---	---	---	---	---	0.00	0.00	1.3e	0.08	9.5	9.5
12	---	---	---	---	---	---	0.00	0.00	0.00	5.3	15	14
13	---	---	---	---	---	---	0.00	0.00	0.00	13	16	13
14	---	---	---	---	---	---	0.00	0.00	0.00	14	15	7.0
15	---	---	---	---	---	---	0.00	0.00	0.00	13	0.00	7.1
16	---	---	---	---	---	---	0.00	0.00	0.00	14	0.00	7.0
17	---	---	---	---	---	---	0.00	0.00	0.00	14	0.00	8.0
18	---	---	---	---	---	---	0.00	0.00	0.06	12	0.00	2.5
19	---	---	---	---	---	---	0.00	0.00	0.00	13	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	14	8.4	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	16	12	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	16	11	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	6.9	12	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	12	0.00
25	---	---	---	---	---	---	0.00	0.00	2.3	0.00	16	0.00
26	---	---	---	---	---	---	0.00	0.00	7.1	0.00	14	0.00
27	---	---	---	---	---	---	0.00	0.00	9.3	0.00	13	0.00
28	---	---	---	---	---	---	0.00	0.00	12	7.5	15	0.00
29	---	---	---	---	---	0.00	0.00	0.00	15	14	15	0.00
30	---	---	---	---	---	0.00	0.00	0.00	12	15	22	0.00
31	---	---	---	---	---	0.00	---	0.00	---	15	14	---
TOTAL	0	0	0	0	0	0	0	0	76.46	215.54	359.9	144.3
MEAN	0.000	---	---	---	---	0.000	0.000	0.000	2.5	6.9	11.6	4.8
MAX	0.00	---	---	---	---	0.00	0.00	0.00	15	16	22	14
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152	428	714	286
CAL YEAR 2006	MAX	20.0	MIN	0.000	AC-FT	2277						
WTR YEAR 2007	MAX	22.0	MIN	0.000	AC-FT	1579						

e indicates estimated discharge.

BLUE CREEK near Lewellen, 06687000

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

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

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

PERIOD OF RECORD.--Oct. 1930 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 213 cubic feet per second August 15, gage height 4.78 feet; maximum gage height 6.64 feet January 17 due to backwater from ice; minimum daily discharge zero cubic feet per second June 26 - 29, and July 31 - August 14.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	47	82	79	91	89	80	93	81	76	31	0.00	30
2	46	82	73	99	71	75	88	74	73	44	0.00	28
3	46	83	65	104	81	65	87	68	69	50	0.00	27
4	46	85	75	96	111	67	84	81	65	64	0.00	27
5	46	85	73	99	116	80	84	85	63	63	0.00	31
6	46	86	72	98	100	77	87	96	64	68	0.00	37
7	51	86	72	95	97	76	89	83	62	74	0.00	38
8	64	86	73	93	94	76	89	79	63	71	0.00	38
9	65	85	75	95	88	77	89	73	62	73	0.00	37
10	64	84	77	93	88	75	90	73	61	76	0.00	40
11	63	83	78	93	90	74	90	74	59	79	0.00	39
12	61	84	79	85	93	75	89	74	62	77	0.00	40
13	61	84	82	80	88	76	93	76	69	64	0.00	38
14	60	87	84	87	84	76	93	80	71	60	0.00	33
15	62	90	84	87e	87	75	95	82	70	58	117	35
16	64	91	84	88e	95	75	94	83	65	57	63	34
17	63	94	84	89e	98	75	92	82	62	57	53	28
18	63	93	84	89e	103	77	90	80	83	55	52	32
19	59	91	84	93e	107	77	91	69	66	58	52	37
20	63	92	88	91e	107	76	90	72	55	60	44	40
21	73	94	91	92e	104	75	92	68	52	60	32	40
22	74	95	86	91e	100	74	98	77	46	59	32	41
23	75	93	89	93e	94	76	99	81	26	65	40	43
24	81	91	95	95e	90	80	129	75	30	70	46	42
25	89	86	98	96e	85	97	135	73	21	69	49	49
26	92	84	92	94	81	91	125	72	0.00	70	48	53
27	88	84	89	93	83	82	105	72	0.00	78	38	60
28	94	83	96	91	82	81	92	72	0.00	82	31	63
29	91	83	91	87	---	89	89	75	0.00	62	31	65
30	88	80	88	88	---	111	85	100	6.5	33	31	66
31	83	---	91	89	---	105	---	84	---	0.00	31	---
TOTAL	2068	2606	2571	2854	2606	2465	2846	2414	1501.5	1887	790	1211
MEAN	66.7	86.8	83.0	92.1	93.1	79.5	94.9	77.9	50.1	60.8	25.5	40.3
MAX	94	95	98	104	116	111	135	100	83	82	117	66
MIN	46	80	65	80	71	65	84	68	0.00	0.00	0.00	27
AC-FT	4102	5169	5100	5661	5169	4889	5645	4788	2978	3743	1567	2402
CAL YEAR 2006	TOTAL		24157	MEAN	66.2	MAX	101.0	MIN	4.6	AC-FT	47920	
WTR YEAR 2007	TOTAL		25820	MEAN	70.7	MAX	135.0	MIN	0.000	AC-FT	51210	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Lewellen, 06687500

LOCATION.--SEL/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 1,360 cubic feet per second April 25, gage height 6.04 feet; maximum gage height 7.84 feet December 3 due to backwater from ice; minimum daily discharge 49 cubic feet per second June 29 & 30.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	575	767	606	714	650e	804	868	640	258	66	368	572
2	584	771	600e	684	650e	803	772	611	229	70	359	576
3	580	826	600e	721	650e	715	788	571	210	73	355	601
4	575	865	580e	840	700e	788	771	684	202	113	346	578
5	571	875	580e	900e	700e	869	775	799	193	171	350	574
6	572	882	560e	900e	700e	891	791	835	186	188	352	612
7	574	893	560e	951	700e	881	818	695	167	197	380	673
8	618	885	580e	864	700e	866	851	628	158	191	355	695
9	693	869	600e	890	700e	851	850	592	148	273	332	711
10	723	856	620e	875	700e	817	792	555	141	302	262	738
11	709	859	700e	879	700e	813	730	517	135	314	225	710
12	719	859	850	723	700e	846	645	478	179	315	192	674
13	743	844	825	532	700e	834	614	448	229	296	168	672
14	763	842	864	590e	700e	826	567	436	261	312	163	704
15	792	821	875	590e	600e	821	510	420	292	273	322	753
16	810	797	864	590e	700e	830	450	399	299	226	261	748
17	825	772	835	590e	820e	821	436	379	287	205	229	694
18	837	750	803	600e	900e	798	481	356	364	187	209	646
19	862	715	774	600e	1000e	759	521	323	305	208	211	617
20	884	692	842	600e	1250e	713	550e	298	237	219	218	592
21	910	691	666	600e	1220e	688	570e	283	184	234	208	559
22	870	709	414	600e	1210	779	590e	332	171	203	236	536
23	846	720	707	600e	999	796	610e	315	133	191	335	508
24	837	720	800e	600e	820	828	973	286	113	199	450	578
25	857	701	820e	600e	728	908	1270	257	98	198	509	552
26	881	680	840e	650e	701	849	1050	237	78	234	593	534
27	872	653	860e	650e	734	788	833	227	68	293	623	519
28	848	647	840e	650e	777	754	721	218	58	383	606	508
29	831	631	820e	650e	---	877	684	242	49	363	624	475
30	811	606	800e	650e	---	1230	663	361	49	350	615	476
31	783	---	800e	650e	---	1030	---	304	---	362	592	---
TOTAL	23355	23198	22485	21533	22109	25873	21544	13726	5481	7209	11048	18385
MEAN	753.3	773.2	725.3	694.6	789.6	834.7	718.0	442.7	182.7	232.6	356.5	612.8
MAX	910	893	875	951	1250	1230	1270	835	364	383	624	753
MIN	571	606	414	532	600	688	436	218	49	66	163	475
AC-FT	46320	46010	44600	42710	43850	51320	42730	27230	10870	14300	21910	36470
CAL YEAR 2006	TOTAL		218940	MEAN	599.8	MAX	999.0	MIN	86.0	AC-FT	434300	
WTR YEAR 2007	TOTAL		215946	MEAN	591.6	MAX	1270	MIN	49.0	AC-FT	428300	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	365400	412400	463000	501100	529700	575500	629700	664600	677000	657500	526500	448200
2	366700	413800	463000	499600	528100	578800	629700	666300	677000	650500	523300	448200
3	368000	416600	463000	501100	529700	578800	631400	662800	677000	643500	520100	446700
4	369300	418000	464400	502700	531300	580400	633100	664600	677000	638300	516900	446700
5	370600	419400	465900	502700	529700	582100	636600	666300	678800	633100	513700	446700
6	371900	422300	465900	505800	531300	583800	636600	668100	678800	627900	512200	448200
7	373200	423700	467400	507400	532900	587100	638300	668100	678800	622800	507400	446700
8	374500	425100	468900	507400	532900	587100	640100	669900	678800	619300	505800	448200
9	375900	426500	473400	509000	534500	590500	641800	669900	678800	614200	502700	448200
10	378500	429400	475000	510600	536100	592200	643500	669900	680600	610800	499600	449700
11	379800	430800	473400	510600	537800	592200	645300	669900	678800	607400	496400	448200
12	379800	432300	478000	512200	541000	593900	645300	669900	684200	602300	491800	449700
13	381100	433700	479500	510600	542600	595500	647000	669900	687800	598900	490200	449700
14	383800	436600	481000	512200	544200	597200	647000	671700	687800	597200	488700	451100
15	385100	436600	482600	512200	545900	598900	648800	669900	687800	593900	484100	452600
16	386400	439500	482600	510600	547500	600600	650500	669900	689600	590500	481000	454000
17	387800	440900	484100	512200	549100	602300	648800	671700	689600	587100	478000	455500
18	389200	442400	485600	513700	550700	602300	648800	671700	689600	585500	476500	455500
19	391800	443800	487200	512200	554000	604000	650500	671700	691400	580400	471900	457000
20	393200	446700	490200	513700	555700	607400	648800	671700	689600	577100	468900	458500
21	394600	448200	491800	516900	559000	607400	652300	673500	691400	572100	465900	460000
22	395900	449700	491800	515300	560600	609100	654000	675300	689600	567200	461500	460000
23	397200	451100	490200	516900	563900	610800	654000	675300	686000	562200	460000	460000
24	398600	452600	491800	518500	567200	614200	657500	673500	684200	557300	458500	463000
25	401400	455500	493400	520100	568800	614200	657500	675300	680600	552400	455500	463000
26	402700	457000	493400	521700	570500	615900	659300	673500	680600	547500	454000	464400
27	404100	458500	496400	521700	572100	617600	661100	675300	675300	542600	452600	464400
28	405500	460000	496400	523300	575500	622800	662800	675300	671700	537800	452600	465900
29	408300	461500	496400	526500	---	622800	662800	677000	668100	534500	451100	467400
30	409600	461500	499600	526500	---	624500	661100	677000	662800	531300	449700	467400
31	411000	---	499600	528100	---	627900	---	675300	---	528100	449700	---
MEAN	387100	438200	481800	513000	547200	600600	647500	671100	681600	589400	482800	454800
MAX	411000	461500	499600	528100	575500	627900	662800	677000	691400	657500	526500	467400
MIN	365400	412400	463000	499600	528100	575500	629700	662800	662800	528100	449700	446700
CAL YEAR 2006	MEAN	547600	MAX	733500	MIN	365500						
WTR YEAR 2007	MEAN	541100	MAX	691400	MIN	365400						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	407	302	0.00	0.00	390	50	1720	1320	406
2	0.00	0.00	0.00	366	311	0.00	0.00	389	40	1600	1520	385
3	0.00	0.00	0.00	309	304	0.00	0.00	395	35	1570	1520	380
4	0.00	0.00	0.00	303	301	0.00	0.00	393	25	1560	1520	375
5	0.00	0.00	0.00	309	297	0.00	0.00	393	25	1560	1520	335
6	0.00	0.00	0.00	310	294	0.00	0.00	388	22	1560	1520	133
7	0.00	0.00	0.00	306	294	0.00	0.00	393	22	1550	1510	32
8	0.00	0.00	0.00	305	252	0.00	0.00	387	20	1550	1510	32
9	0.00	0.00	0.00	307	164	0.00	0.00	381	20	1550	1510	32
10	0.00	0.00	0.00	306	0.00	0.00	0.00	388	20	1400	1520	32
11	0.00	0.00	156	308	0.00	0.00	0.00	379	20	1250	1520	32
12	0.00	0.00	225	314	0.00	0.00	133	377	20	1300	1530	32
13	0.00	0.00	289	311	0.00	0.00	170	375	20	1400	1530	32
14	0.00	0.00	315	310	0.00	0.00	198	338	20	1460	1530	32
15	0.00	0.00	318	310	0.00	0.00	302	265	20	1460	1540	32
16	0.00	0.00	319	310	0.00	0.00	384	198	20	1460	1540	32
17	0.00	0.00	315	308	0.00	0.00	385	139	20	1460	1550	32
18	0.00	0.00	320	302	0.00	0.00	385	140	20	1450	1540	32
19	0.00	0.00	319	306	0.00	0.00	396	140	20	1450	1540	33
20	0.00	0.00	410	305	0.00	0.00	406	140	20	1440	1540	33
21	0.00	0.00	441	301	0.00	0.00	402	141	333	1440	1480	34
22	0.00	0.00	320	305	0.00	0.00	405	142	562	1430	1300	35
23	0.00	0.00	320	300	0.00	0.00	406	141	716	1420	1150	36
24	0.00	0.00	326	299	0.00	0.00	414	130	962	1420	997	37
25	0.00	0.00	331	299	0.00	0.00	410	130	1060	1410	914	38
26	0.00	0.00	312	299	0.00	0.00	405	125	1200	1420	858	39
27	0.00	0.00	312	302	0.00	0.00	403	125	1360	1410	804	39
28	0.00	0.00	309	303	0.00	0.00	394	95	1510	1410	756	40
29	0.00	0.00	353	298	---	0.00	394	90	1610	1410	655	30
30	0.00	0.00	409	305	---	0.00	391	75	1700	1340	496	30
31	0.00	---	412	301	---	0.00	---	70	---	1200	458	---
TOTAL	0	0	6831	9624	2519	0	6783	7652	11492	45060	40198	2822
MEAN	0.000	0.000	220.4	310.4	90.0	0.000	226.1	246.8	382.9	1454	1296	93.9
MAX	0.00	0.00	441	407	311	0.00	414	395	1700	1720	1550	406
MIN	0.00	0.00	0.00	298	0.00	0.00	0.00	70	20	1200	458	30
AC-FT	0.00	0.00	13550	19090	4996	0.00	13450	15180	22790	89380	79730	5597
CAL YEAR 2006	TOTAL		193892	MEAN	531.2	MAX	1870	MIN	0.000	AC-FT	384600	
WTR YEAR 2007	TOTAL		132981	MEAN	364.3	MAX	1720	MIN	0.000	AC-FT	263800	

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 2007												
	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	142	768	110	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122	781	101	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148	798	86	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	191	826	88	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150	845	87	0.00	5.6
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139	835	67	0.00	5.7
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117	879	0.00	0.00	6.1
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103	905	0.00	0.00	6.3
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119	878	0.00	0.00	6.1
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	236	764	0.00	0.00	7.4
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291	739	0.00	0.00	8.9
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	253	710	0.00	0.00	9.3
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	322	824	0.00	0.00	9.0
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	373	918	0.00	0.00	9.3
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	288	669	0.00	0.00	9.3
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	251	503	0.00	0.00	9.9
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220	409	0.00	0.00	11
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175	397	0.00	0.00	12
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151	357	0.00	0.00	11
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62	309	0.00	0.00	11
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	271	0.00	0.00	10
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235	237	0.00	0.00	10
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	292	220	0.00	0.00	11
24	0.00	0.00	0.00	0.00	0.00	0.00	61	317	198	0.00	0.00	10
25	0.00	0.00	0.00	0.00	0.00	0.00	178	301	180	0.00	0.00	8.0
26	0.00	0.00	0.00	0.00	0.00	0.00	224	296	165	0.00	0.00	6.2
27	0.00	0.00	0.00	0.00	0.00	0.00	324	296	156	0.00	0.00	7.9
28	0.00	0.00	0.00	0.00	0.00	0.00	260	344	147	0.00	0.00	8.1
29	0.00	0.00	0.00	0.00	---	0.00	222	518	143	0.00	0.00	7.7
30	0.00	0.00	0.00	0.00	---	0.00	181	767	133	0.00	0.00	7.7
31	0.00	---	0.00	0.00	---	0.00	---	768	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	1450	8008	15964	539	0	224.5
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	48.3	258.3	532.2	17.4	0.000	7.5
MAX	0.00	0.00	0.00	0.00	0.00	0.00	324	768	918	110	0.00	12
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	133	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2876	15880	31660	1069	0.00	445
CAL YEAR 2006	TOTAL		4598	MEAN	12.6	MAX	132.0	MIN	0.000	AC-FT	9119	
WTR YEAR 2007	TOTAL		26186	MEAN	71.7	MAX	918.0	MIN	0.000	AC-FT	51940	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	51990	44480	38580	43840	53760	52990	47370	46490	50700	53820	43280	56160
2	51630	44210	38450	44270	53650	52730	47040	46650	50750	54080	42850	56480
3	51340	43950	38320	44670	54080	52480	46490	46840	51010	54370	42050	56720
4	51060	43680	37620	45130	54340	52220	46270	47420	50980	54450	42080	57010
5	50780	43410	37620	45430	54400	52050	46130	47780	51880	54770	42320	57300
6	50360	43440	37650	45590	54970	51910	45920	48160	52160	54450	42740	57270
7	50080	43220	37500	45860	55290	51710	45670	48360	52390	54140	43330	56950
8	49800	42980	37370	46110	55520	51570	45460	48690	52620	54480	44400	56630
9	49750	42720	37240	46380	55610	51400	45270	49020	52930	55610	45080	56340
10	49750	42450	36960	46650	55610	51260	45100	49270	53080	56250	45700	56160
11	49470	42320	36860	46900	55550	51170	44890	49720	52850	56450	46410	55900
12	49360	42080	36600	47040	55520	51120	44780	50110	53850	55750	47170	55670
13	48990	41840	36830	47040	55490	50780	44690	50560	54540	56220	47890	55410
14	48690	41550	36990	47590	55260	50640	44640	51170	55090	56250	48630	55170
15	48380	41260	36990	48330	55090	50420	44750	50870	55090	56070	49720	54890
16	48190	41310	36990	48500	54890	50250	45050	50720	54910	55750	50420	54770
17	47920	41180	37240	48800	54740	50160	45160	50360	54650	54680	51170	54600
18	47590	40920	38040	48900	54570	50020	44860	49830	54110	54080	51880	54400
19	47390	40810	38600	49110	54400	49830	44750	50190	53680	53220	52620	54250
20	47170	40630	39350	49660	54250	49660	44640	49940	52790	52420	53330	53880
21	46900	40470	39660	50500	54050	49440	44670	49690	52650	51880	54400	53560
22	46630	40320	40060	50720	53880	49240	44480	49490	52760	51370	54770	53250
23	46350	40160	40660	51060	53960	49190	44110	49360	53530	50610	55090	52990
24	46080	40000	40810	51400	53820	49130	44560	49440	54510	49770	55290	52680
25	45810	39850	41080	51400	53590	48830	44810	49360	54890	49020	55320	52360
26	45730	39430	41390	51540	53420	48660	45130	49240	55030	48190	55170	51400
27	45540	39250	41740	52050	53250	48250	45510	49240	54890	47750	55320	51090
28	45270	38960	41740	52050	53130	48050	45920	49360	54480	46870	55290	50920
29	45000	38940	42580	52480	---	47860	46190	49660	53760	46000	55440	50720
30	45130	38730	42450	52960	---	47860	46380	50000	53450	45210	55730	50360
31	44860	---	43040	52960	---	47720	---	50420	---	44350	55900	---
MEAN	48160	41480	38930	48550	54500	50280	45360	49270	53330	52530	49700	54510
MAX	51990	44480	43040	52960	55610	52990	47370	51170	55090	56450	55900	57300
MIN	44860	38730	36600	43840	53130	47720	44110	46490	50700	44350	42050	50360
CAL YEAR 2006	MEAN	45960	MAX	59630	MIN	36600						
WTR YEAR 2007	MEAN	48840	MAX	57300	MIN	36600						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15890	13640	11800	10890	10500	10500	7550	12080	17800	16680	17640	18460
2	15890	13490	11800	10760	10500	10500	7550	13200	17800	16840	17480	18300
3	15740	13490	11800	10760	10500	10500	7550	12920	17640	17320	17480	18130
4	15740	13350	11670	10760	10500	10500	7550	13490	17640	17480	17480	17970
5	15580	13350	11670	10760	10500	8100	7550	13930	17640	17640	17320	17800
6	15580	13350	11540	10760	10500	8100	7550	14220	17800	17800	17320	17800
7	15430	13350	11540	10760	10500	8100	7550	14510	17800	18130	17320	17640
8	15430	13200	11540	10630	10500	8100	7550	14960	17800	18130	17320	17480
9	15430	13060	11410	10500	10500	8100	7550	15430	17800	18460	17160	17320
10	15270	13060	11410	10500	10500	8100	6475	15740	17640	18460	17160	17320
11	15120	12920	11410	10500	10500	8100	6475	16050	17800	18130	17320	17160
12	15120	12920	11280	10500	10500	8100	6475	16520	18130	17970	17480	17000
13	14960	12780	11280	10500	10500	8100	6475	17000	17640	17800	17970	16840
14	14960	12780	11150	10500	10500	8100	6475	17320	17480	17800	18130	16680
15	14810	12780	11150	10500	10500	7550	6475	17160	17480	17640	18300	16520
16	14810	12640	11020	10500	10500	7550	6475	17000	17480	17640	18130	16520
17	14650	12640	10890	10500	10500	7550	6475	17000	17320	17640	17970	16360
18	14510	12500	10890	10500	10500	7550	6475	17160	17320	17640	17800	16360
19	14510	12500	10890	10500	10500	7550	7550	17480	17320	17640	17640	16200
20	14360	12360	10760	10500	10500	7550	7550	17320	17160	17640	17640	16050
21	14360	12360	10760	10500	10500	7550	7550	17000	17160	17640	17640	16050
22	14360	12220	10890	10500	10500	7550	7880	16680	17000	17640	17640	16050
23	14220	12220	10890	10500	10500	7550	7880	16680	17000	17640	17480	15890
24	14220	12220	10890	10500	10500	7550	7880	16680	16840	17640	17480	15890
25	14070	12080	10890	10500	10500	7550	10250	16840	16840	17640	17640	15740
26	14070	12080	10890	10500	10500	7550	10250	17160	16840	17640	17800	15580
27	13930	12080	10890	10500	10500	7550	10890	17640	16840	17800	17970	15580
28	13930	11940	10890	10500	10500	7550	10890	17970	17000	17800	18130	15430
29	13930	11940	10890	10500	---	7550	11410	18300	16680	17640	18300	15430
30	13780	11940	10890	10500	---	7550	11800	18130	16360	17640	18460	15430
31	13640	---	10890	10500	---	7550	---	17970	---	17800	18460	---
MEAN	14780	12710	11180	10570	10500	8108	7934	16180	17370	17710	17710	16700
MAX	15890	13640	11800	10890	10500	10500	11800	18300	18130	18460	18460	18460
MIN	13640	11940	10760	10500	10500	7550	6475	12080	16360	16680	17160	15430
CAL YEAR 2006	MEAN	13420	MAX	18630	MIN	3625						
WTR YEAR 2007	MEAN	13480	MAX	18460	MIN	6475						

CAL YEAR 2006 MEAN 13420 MAX 18630 MIN 3625
WTR YEAR 2007 MEAN 13480 MAX 18460 MIN 6475

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 2007

	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	405	1200	1530	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60	405	1070	1580	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328	1070	1520	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	307	1060	1470	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376	1060	1440	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376	1060	1330	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376	1060	1150	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330	1130	969	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300	1030	833	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	266	711	800	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115	266	842	758	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	645	970	760	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	563	995	825	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140	683	997	825	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	650	332	997	795	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	650	356	1090	795	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	650	333	1280	792	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	362	358	1420	797	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	332	1430	799	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	359	1430	791	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	332	1430	737	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	219	359	1440	678	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154	360	1440	678	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140	360	1460	531	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147	360	1500	441	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	490	1500	440	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700	1510	442	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158	894	1540	338	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	322	1100	1580	329	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	472	1390	1450	159	0.00
31	0.00	---	0.00	0.00	---	0.00	---	472	---	1430	0.00	---
TOTAL	0	0	0	0	0	0	0	5332	14041	38182	25332	0
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	172.0	468.2	1231	817.3	0.000
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	650	1390	1580	1580	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	266	711	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10580	27850	75730	50250	0.00
CAL YEAR 2006	TOTAL	114376	MEAN	313.4	MAX	1700	MIN	0.000	AC-FT	226900		
WTR YEAR 2007	TOTAL	82887	MEAN	227.1	MAX	1580	MIN	0.000	AC-FT	164400		

NORTH PLATTE RIVER near Keystone, 06690500

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,650 cubic feet per second July 3, gage height 4.48 feet; zero discharge October 1 to May 15 and September 20 to 30.

DISCHARGE (CFS), WATER YEAR 2007

	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	1.0	1070	364	340
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.0	1460	289	340
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1	1610	259	339
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	1440	264	294
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	1230	266	269
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	1170	295	267
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.0	1240	322	268
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.0	1240	326	278
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	987	316	270
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	903	313	250
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	901	311	232
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	812	312	226
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.9	526	316	192
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.4	513	302	189
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.8	508	325	128
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	3.1	390	312	85
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	2.7	312	301	4.8
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.7	20	360	321	2.6
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.8	114	522	311	1.5
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.1	45	672	304	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.4	67	726	308	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.7	68	846	319	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.6	70	1140	328	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.3	68	1310	333	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.8	67	1310	333	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.3	62	1390	331	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	179	1510	333	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	563	1500	335	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.59	866	801	335	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.97	966	425	332	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.77	---	445	332	---
TOTAL	0	0	0	0	0	0	0	31.8	3187.19	29269	9748	3975.9
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.0	106.3	944.0	314.5	132.5
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.7	966	1610	364	340
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	312	259	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63	6322	58050	19330	7886
CAL YEAR 2006	TOTAL		61101	MEAN	167.4	MAX	1570	MIN	0.000	AC-FT	121200	
WTR YEAR 2007	TOTAL		46212	MEAN	126.6	MAX	1610	MIN	0.000	AC-FT	91660	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	45	43	61
2	---	---	---	---	---	---	---	0.00	0.00	47	65	61
3	---	---	---	---	---	---	---	0.00	0.00	49	66	61
4	---	---	---	---	---	---	---	0.00	0.00	49	66	61
5	---	---	---	---	---	---	---	0.00	0.00	51	66	60
6	---	---	---	---	---	---	---	0.00	0.00	57	66	60
7	---	---	---	---	---	---	---	0.00	0.00	61	66	61
8	---	---	---	---	---	---	---	0.00	0.00	57	65	60
9	---	---	---	---	---	---	---	0.00	0.00	54	65	60
10	---	---	---	---	---	---	---	0.00	0.00	52	65	60
11	---	---	---	---	---	---	---	0.00	0.00	53	65	60
12	---	---	---	---	---	---	---	0.00	0.00	53	65	60
13	---	---	---	---	---	---	---	0.00	0.00	53	66	60
14	---	---	---	---	---	---	---	0.00	0.00	53	65	59
15	---	---	---	---	---	---	---	0.00	0.00	53	64	22
16	---	---	---	---	---	---	0.00	0.00	0.00	53	64	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	54	64	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	58	65	0.00
19	---	---	---	---	---	---	0.00	0.00	37	63	65	0.00
20	---	---	---	---	---	---	0.00	0.00	49	60	66	0.00
21	---	---	---	---	---	---	0.00	0.00	28	60	67	0.00
22	---	---	---	---	---	---	0.00	0.00	27	61	67	0.00
23	---	---	---	---	---	---	0.00	0.00	26	62	67	0.00
24	---	---	---	---	---	---	0.00	0.00	26	65	67	0.00
25	---	---	---	---	---	---	0.00	0.00	26	67	67	---
26	---	---	---	---	---	---	0.00	0.00	26	67	67	---
27	---	---	---	---	---	---	0.00	0.00	26	63	67	---
28	---	---	---	---	---	---	0.00	0.00	36	27	67	---
29	---	---	---	---	---	---	0.00	0.00	43	0.00	67	---
30	---	---	---	---	---	---	0.00	0.00	44	0.35	67	---
31	---	---	---	---	---	---	---	0.00	---	5.5	63	---
TOTAL	0	0	0	0	0	0	0	0	394	1552.85	2015	866
MEAN	---	---	---	---	---	---	0.000	0.000	13.2	50.1	65.1	36.1
MAX	---	---	---	---	---	---	0.00	0.00	49	67	67	61
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	43	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	781	3080	3997	1718
CAL YEAR 2006	MAX	81.0	MIN	0.000	AC-FT	10540						
WTR YEAR 2007	MAX	67.0	MIN	0.000	AC-FT	9576						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	73	154	142	133
2	---	---	---	---	---	---	---	0.00	73	151	137	130
3	---	---	---	---	---	---	---	0.00	71	208	160	128
4	---	---	---	---	---	---	---	1.8	65	188	168	127
5	---	---	---	---	---	---	---	5.9	65	180	181	147
6	---	---	---	---	---	---	---	4.3	67	195	197	139
7	---	---	---	---	---	---	---	4.4	67	202	196	118
8	---	---	---	---	---	---	---	4.3	66	217	204	87
9	---	---	---	---	---	---	---	4.2	44	221	206	75
10	---	---	---	---	---	---	---	4.5	3.2	240	200	76
11	---	---	---	---	---	---	---	4.7	3.1	226	197	75
12	---	---	---	---	---	---	---	4.2	3.9	212	195	75
13	---	---	---	---	---	---	---	4.1	6.4	203	183	63
14	---	---	---	---	---	---	---	3.9	6.6	174	177	44
15	---	---	---	---	---	---	---	3.3	5.5	178	176	43
16	---	---	---	---	---	---	0.00	0.00	5.1	204	165	42
17	---	---	---	---	---	---	0.00	55	5.1	208	160	45
18	---	---	---	---	---	---	0.00	34	6.2	231	166	59
19	---	---	---	---	---	---	0.00	33	6.7	218	181	47
20	---	---	---	---	---	---	0.00	35	7.0	198	188	0.00
21	---	---	---	---	---	---	0.00	34	7.0	219	184	0.00
22	---	---	---	---	---	---	0.00	55	52	226	194	0.00
23	---	---	---	---	---	---	0.00	64	81	238	189	0.00
24	---	---	---	---	---	---	0.00	61	80	247	162	0.00
25	---	---	---	---	---	---	0.00	60	83	230	144	0.00
26	---	---	---	---	---	---	0.00	61	94	220	138	0.00
27	---	---	---	---	---	---	0.00	62	94	218	156	0.00
28	---	---	---	---	---	---	0.00	65	97	179	157	---
29	---	---	---	---	---	---	0.00	63	107	147	167	---
30	---	---	---	---	---	---	0.00	67	164	144	164	---
31	---	---	---	---	---	---	---	71	---	145	147	---
TOTAL	0	0	0	0	0	0	0	869.6	1508.8	6221	5381	1653
MEAN	---	---	---	---	---	---	0.000	28.1	50.3	200.6	173.5	61.1
MAX	---	---	---	---	---	---	0.00	71	164	247	206	147
MIN	---	---	---	---	---	---	0.00	0.00	3.1	144	137	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1725	2993	12340	10670	3279
CAL YEAR 2006	MAX	269.0	MIN	0.000	AC-FT	40330						
WTR YEAR 2007	MAX	247.0	MIN	0.000	AC-FT	31010						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	40	27	42	45
2	---	---	---	---	---	---	---	0.00	33	29	45	42
3	---	---	---	---	---	---	---	0.00	28	40	62	35
4	---	---	---	---	---	---	---	0.00	23	38	59	42
5	---	---	---	---	---	---	---	0.00	18	38	57	45
6	---	---	---	---	---	---	---	0.00	14	43	61	46
7	---	---	---	---	---	---	---	0.00	11	47	77	49
8	---	---	---	---	---	---	---	0.00	10	53	87	50
9	---	---	---	---	---	---	---	0.00	16	54	84	47
10	---	---	---	---	---	---	---	0.00	29	50	79	42
11	---	---	---	---	---	---	---	0.00	29	58	76	39
12	---	---	---	---	---	---	---	0.00	36	60	78	38
13	---	---	---	---	---	---	---	0.00	38	59	83	38
14	---	---	---	---	---	---	---	0.00	30	64	83	40
15	---	---	---	---	---	---	---	0.00	25	55	83	34
16	---	---	---	---	---	---	0.00	0.00	23	57	83	23
17	---	---	---	---	---	---	0.00	0.00	22	62	81	8.4
18	---	---	---	---	---	---	0.00	0.00	23	54	80	2.3
19	---	---	---	---	---	---	0.00	26	23	67	79	7.9
20	---	---	---	---	---	---	0.00	34	22	66	75	8.4
21	---	---	---	---	---	---	0.00	31	21	65	72	7.3
22	---	---	---	---	---	---	0.00	33	16	64	67	0.02
23	---	---	---	---	---	---	0.00	28	26	64	72	0.00
24	---	---	---	---	---	---	0.00	22	32	54	75	0.00
25	---	---	---	---	---	---	0.00	18	38	54	58	0.00
26	---	---	---	---	---	---	0.00	23	38	53	37	0.00
27	---	---	---	---	---	---	0.00	22	36	53	36	0.00
28	---	---	---	---	---	---	0.00	30	38	43	40	---
29	---	---	---	---	---	---	0.00	25	30	30	43	---
30	---	---	---	---	---	---	0.00	38	27	26	46	---
31	---	---	---	---	---	---	---	40	---	31	48	---
TOTAL	0	0	0	0	0	0	0	370	795	1558	2048	689.32
MEAN	---	---	---	---	---	---	0.000	11.9	26.6	50.3	66.0	25.5
MAX	---	---	---	---	---	---	0.00	40	40	67	87	50
MIN	---	---	---	---	---	---	0.00	0.00	10	26	36	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734	1577	3090	4062	1367
CAL YEAR 2006	MAX	100.0	MIN	0.000	AC-FT	12480						
WTR YEAR 2007	MAX	87.0	MIN	0.000	AC-FT	10830						

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 - present, May - September partial year record, October 1999 - present.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,630 cubic feet per second July 28, gage height 5.13 feet; minimum daily flow 19 cubic feet per second June 8.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	135	102	121	92	90e	183	189	136	43	608	383	125
2	132	103	118	97	95e	166	185	123	32	764	238	129
3	138	106	119	111	95e	150	170	108	27	1010	140	132
4	132	114	116	102	95e	145	140	130	27	1240	98	127
5	126	118	118	102	95e	145	141	237	27	1150	82	80
6	139	121	111	100	95e	143	133	201	27	944	65	74
7	145	124	106	100	95e	136	122	159	21	902	65	80
8	131	130	108	103	95e	130	127	141	19	903	90	99
9	147	114	105	106	95e	136	136	135	29	1010	85	105
10	144	100	104	104	95e	144	148	128	44	760	81	117
11	135	105	100	104	95e	146	142	120	47	657	78	108
12	129	105	100	100e	95e	144	133	109	78	644	82	97
13	128	105	101	100e	100e	143	140	100	560	565	90	102
14	126	107	99	95e	110e	129	136	95	634	394	93	98
15	129	105	96	95e	120e	116	136	87	381	352	83	101
16	141	105	95	95e	120e	113	135	89	224	302	112	126
17	137	107	95	95e	120e	128	134	52	157	190	106	112
18	126	105	95	95e	120e	134	132	63	187	117	93	73
19	121	102	93	90e	140e	134	132	53	160	159	85	55
20	121	106	114	90e	140e	128	132	52	150	284	67	90
21	118	113	129	90e	140e	143	136	49	147	353	60	81
22	115	115	116	90e	145e	138	139	50	103	367	57	77
23	116	109	105	90e	143e	138	138	39	65	452	70	81
24	116	106	106	90e	160e	160	168	36	59	675	94	77
25	120	105	99	90e	182	163	277	34	48	812	126	67
26	128	102	109	90e	181	155	254	35	25	842	156	67
27	120	104	104	90e	181	146	210	36	23	958	137	75
28	122	103	103	90e	181	151	186	40	40	1330	129	75
29	118	101	103	90e	---	317	172	38	266	1460	118	84
30	112	106	106	90e	---	248	156	49	493	761	116	91
31	103	---	96	90e	---	206	---	47	---	442	118	---
TOTAL	3950	3248	3290	2966	3418	4758	4679	2771	4143	21407	3397	2805
MEAN	127.4	108.3	106.2	95.6	122.0	153.4	156.0	89.4	138.1	690.6	109.6	93.5
MAX	147	130	129	111	182	317	277	237	634	1460	383	132
MIN	103	100	93	90	90	113	122	34	19	117	57	55
AC-FT	7835	6442	6526	5883	6780	9437	9281	5496	8218	42460	6738	5564
CAL YEAR 2006	TOTAL		62856	MEAN	172.2	MAX	1320	MIN	7.3	AC-FT	124700	
WTR YEAR 2007	TOTAL		60832	MEAN	166.7	MAX	1460	MIN	19.0	AC-FT	120700	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	---	---	---	---	---	0.00	0.00	17	19	14	24
2	16	---	---	---	---	---	0.00	0.00	16	20	16	23
3	17	---	---	---	---	---	0.00	0.00	16	23	14	23
4	18	---	---	---	---	---	0.00	0.00	19	28	12	23
5	18	---	---	---	---	---	0.00	0.00	27	28	23	23
6	19	---	---	---	---	---	0.00	0.00	15	28	29	23
7	14	---	---	---	---	---	0.00	0.00	12	29	30	23
8	7.4	---	---	---	---	---	0.00	0.00	9.3	30	30	22
9	10	---	---	---	---	---	0.00	0.00	9.2	29	28	20
10	9.9	---	---	---	---	---	0.00	0.00	9.3	23	27	21
11	8.9	---	---	---	---	---	0.00	0.00	9.5	19	28	22
12	8.6	---	---	---	---	---	0.00	0.00	16	22	28	20
13	8.4	---	---	---	---	---	0.00	0.00	19	24	30	19
14	9.5	---	---	---	---	---	0.00	0.00	16	25	30	19
15	10	---	---	---	---	---	0.00	0.00	14	25	29	20
16	11	---	---	---	---	---	0.00	11	14	26	29	20
17	12	---	---	---	---	---	0.00	12	14	28	29	19
18	9.5	---	---	---	---	---	0.00	13	14	30	24	17
19	5.4	---	---	---	---	---	0.00	14	14	31	24	16
20	0.00	---	---	---	---	---	0.00	16	14	22	27	14
21	0.00	---	---	---	---	---	0.00	16	14	24	27	10
22	0.00	---	---	---	---	---	0.00	16	14	23	30	8.3
23	0.00	---	---	---	---	---	0.00	16	14	26	30	8.0
24	0.00	---	---	---	---	---	0.00	15	14	30	27	6.9
25	0.00	---	---	---	---	---	0.00	15	14	34	26	6.1
26	0.00	---	---	---	---	---	0.00	16	14	38	27	6.2
27	0.00	---	---	---	---	---	0.00	16	14	39	28	6.6
28	---	---	---	---	---	0.00	0.00	17	14	27	27	6.7
29	---	---	---	---	---	0.00	0.00	16	14	21	25	7.6
30	---	---	---	---	---	0.00	0.00	17	15	15	28	8.9
31	---	---	---	---	---	0.00	---	17	---	14	26	---
TOTAL	226.6	0	0	0	0	0	0	243	435.3	800	802	486.3
MEAN	8.4	---	---	---	---	0.000	0.000	7.8	14.6	25.8	25.9	16.2
MAX	19	---	---	---	---	0.00	0.00	17	27	39	30	24
MIN	0.00	---	---	---	---	0.00	0.00	0.00	9.2	14	12	6.1
AC-FT	449	0.00	0.00	0.00	0.00	0.00	0.00	482	863	1587	1591	965
CAL YEAR 2006	MAX	49.0	MIN	0.000	AC-FT	10320						
WTR YEAR 2007	MAX	39.0	MIN	0.000	AC-FT	5937						

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

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 418 cubic feet per second June 13, gage height 2.63 feet; minimum daily discharge 102 cubic feet per second July 8.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	134	146	152	166	141e	171	177	156	176	119	141	134
2	134	145	146	152	149e	166	176	151	157	117	157	136
3	135	143	133	170	159	153	182	151	151	114	168	135
4	135	146	141	181	153	165	164	166	144	114	165	132
5	136	148	143	182	147	175	163	206	134	110	147	130
6	138	151	143	167	163	176	159	220	151	109	148	132
7	143	150	130	174	169	173	145	165	151	106	153	133
8	148	154	144	174	151	174	153	159	149	102	156	132
9	154	153	148	176	150	177	161	159	149	109	146	130
10	160	147	149	175	151	174	167	160	151	122	134	137
11	152	148	147	176e	154	173	168	159	155	122	131	134
12	147	153	151	175e	158	175	160	158	175	121	133	133
13	145	150	154	175e	138	177	162	156	313	142	129	133
14	145	152	155	174e	134	178	158	158	274	145	121	130
15	143	154	153	170e	126	170	159	154	202	132	122	129
16	146	154	152	168e	156	168	159	141	174	129	130	130
17	145	161	151	168e	186	174	157	142	165	123	128	130
18	138	159	151	166e	171	171	155	142	178	116	136	134
19	142	159	146	163e	177	170	157	144	160	153	136	129
20	141	163	174	162e	175	169	155	163	153	138	130	131
21	143	169	173	164e	173	173	158	165	149	128	126	135
22	144	171	162	168e	170	168	170	165	149	126	127	135
23	143	168	157	172e	167	170	170	154	144	123	137	133
24	144	166	159	174e	177	182	181	143	139	118	139	138
25	146	163	154	174e	157	184	196	145	136	115	131	141
26	147	157	162	175e	161	177	171	161	133	113	131	138
27	144	152	167	168e	161	170	170	165	131	112	132	137
28	145	155	167	159e	170	176	162	168	130	166	132	135
29	145	149	165	153e	---	242	160	160	130	169	134	142
30	146	152	162	147e	---	238	158	195	127	142	133	139
31	143	---	164	143e	---	190	---	179	---	137	133	---
TOTAL	4451	4638	4755	5211	4444	5499	4933	5010	4830	3892	4266	4017
MEAN	143.6	154.6	153.4	168.1	158.8	177.5	164.4	161.6	160.9	125.6	137.6	134.0
MAX	160	171	174	182	186	242	196	220	313	169	168	142
MIN	134	143	130	143	126	153	145	141	127	102	121	129
AC-FT	8828	9199	9431	10340	8815	10910	9784	9937	9580	7720	8461	7968
CAL YEAR 2006	TOTAL		50708	MEAN	138.9	MAX	186.0	MIN	92.0	AC-FT	100600	
WTR YEAR 2007	TOTAL		55946	MEAN	153.3	MAX	313.0	MIN	102.0	AC-FT	111000	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	45	60	73	82
2	0.00	---	---	---	---	---	0.00	0.00	43	65	60	76
3	0.00	---	---	---	---	---	0.00	0.00	42	71	59	75
4	0.00	---	---	---	---	---	0.00	0.00	41	74	81	75
5	0.00	---	---	---	---	---	0.00	0.00	40	73	79	72
6	0.00	---	---	---	---	---	0.00	0.00	40	71	76	72
7	0.00	---	---	---	---	---	0.00	0.00	39	68	75	72
8	0.00	---	---	---	---	---	0.00	0.00	38	73	77	71
9	0.00	---	---	---	---	---	0.00	0.00	38	77	78	73
10	0.00	---	---	---	---	---	0.00	0.00	32	75	77	73
11	---	---	---	---	---	---	0.00	0.00	3.3	75	77	75
12	---	---	---	---	---	---	0.00	0.00	2.8	75	76	75
13	---	---	---	---	---	---	0.00	0.00	12	76	80	75
14	---	---	---	---	---	---	0.00	0.00	9.3	77	81	75
15	---	---	---	---	---	---	0.00	0.00	4.9	76	90	74
16	---	---	---	---	---	---	0.00	0.00	3.7	75	98	73
17	---	---	---	---	---	---	0.00	11	3.2	76	98	72
18	---	---	---	---	---	---	0.00	61	3.4	71	96	70
19	---	---	---	---	---	---	0.00	49	2.9	72	95	50
20	---	---	---	---	---	---	0.00	49	2.7	75	94	0.00
21	---	---	---	---	---	---	0.00	46	2.8	77	92	0.00
22	---	---	---	---	---	---	0.00	44	2.7	77	91	0.00
23	---	---	---	---	---	---	0.00	43	2.6	77	86	0.00
24	---	---	---	---	---	---	0.00	43	3.6	77	89	0.00
25	---	---	---	---	---	---	0.00	42	17	83	91	0.00
26	---	---	---	---	---	---	0.00	43	33	80	91	0.00
27	---	---	---	---	---	---	0.00	43	32	82	88	0.00
28	---	---	---	---	---	0.00	0.00	44	33	86	89	0.00
29	---	---	---	---	---	0.00	0.00	43	56	84	89	0.00
30	---	---	---	---	---	0.00	0.00	43	63	72	89	0.00
31	---	---	---	---	---	0.00	---	44	---	75	89	---
TOTAL	0	0	0	0	0	0	0	648	691.9	2325	2604	1380
MEAN	0.000	---	---	---	---	0.000	0.000	20.9	23.1	75.0	83.9	46.0
MAX	0.00	---	---	---	---	0.00	0.00	61	63	86	98	82
MIN	0.00	---	---	---	---	0.00	0.00	0.00	2.6	60	59	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1285	1372	4612	5165	2737
CAL YEAR 2006	MAX	108.0	MIN	0.000	AC-FT	19220						
WTR YEAR 2007	MAX	98.0	MIN	0.000	AC-FT	15170						

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River, 00027000

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

GAGE.--Continuous stage recorder and concrete control

PERIOD OF RECORD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5	---	---	---	---	---	0.00	0.00	11	20	9.8	15
2	0.48	---	---	---	---	---	0.00	0.00	8.9	21	7.8	14
3	0.46	---	---	---	---	---	0.00	0.00	7.7	23	8.7	4.2
4	0.48	---	---	---	---	---	0.00	0.00	6.9	15	10	6.9
5	0.50	---	---	---	---	---	0.00	0.00	7.0	3.8	10	9.2
6	0.51	---	---	---	---	---	0.00	0.00	6.9	6.0	7.6	12
7	0.53	---	---	---	---	---	0.00	0.00	6.8	15	7.1	13
8	0.55	---	---	---	---	---	0.00	0.00	8.1	19	8.5	13
9	0.56	---	---	---	---	---	0.00	0.00	8.0	20	10	14
10	0.58	---	---	---	---	---	0.00	0.00	9.0	20	11	16
11	0.60	---	---	---	---	---	0.00	0.00	10	18	9.3	18
12	0.62	---	---	---	---	---	0.00	0.00	11	16	8.3	16
13	0.64	---	---	---	---	---	0.00	0.00	15	17	9.2	16
14	0.66	---	---	---	---	---	0.00	0.03	16	14	10	15
15	0.68	---	---	---	---	---	0.00	0.05	13	12	9.9	8.6
16	0.70	---	---	---	---	---	0.00	0.19	9.0	13	10	11
17	---	---	---	---	---	---	0.00	0.91	8.2	14	13	10
18	---	---	---	---	---	---	0.00	1.0	7.5	10.0	12	5.5
19	---	---	---	---	---	---	0.00	2.6	5.3	15	8.1	5.2
20	---	---	---	---	---	---	0.00	2.8	4.3	17	6.0	8.4
21	---	---	---	---	---	---	0.00	1.8	4.2	21	4.6	9.6
22	---	---	---	---	---	---	0.00	2.0	3.5	21	3.4	10
23	---	---	---	---	---	---	0.00	2.2	3.2	23	5.2	10
24	---	---	---	---	---	---	0.00	2.5	2.7	26	6.6	10
25	---	---	---	---	---	---	0.00	6.8	2.7	34	7.3	11
26	---	---	---	---	---	---	0.00	6.9	4.5	35	7.5	11
27	---	---	---	---	---	---	0.00	5.1	6.4	37	5.2	11
28	---	---	---	---	---	0.00	0.00	6.5	5.8	41	15	12
29	---	---	---	---	---	0.00	0.00	8.4	9.9	30	21	12
30	---	---	---	---	---	0.00	0.00	11	18	21	19	12
31	---	---	---	---	---	0.00	---	12	---	12	16	---
TOTAL	10.05	0	0	0	0	0	0	72.78	240.5	609.8	297.1	339.6
MEAN	0.63	---	---	---	---	0.000	0.000	2.3	8.0	19.6	9.6	11.4
MAX	1.5	---	---	---	---	0.00	0.00	12	18	41	21	18
MIN	0.46	---	---	---	---	0.00	0.00	0.00	2.7	3.8	3.4	4.2
AC-FT	20	0.00	0.00	0.00	0.00	0.00	0.00	144	477	1210	589	674
CAL YEAR 2006	MAX	32.0	MIN	0.10	AC-FT	4303						
WTR YEAR 2007	MAX	41.0	MIN	0.000	AC-FT	3114						

NORTH PLATTE RIVER BASIN

LINCOLN COUNTY DRAIN NO. 1 at North Platte, 06692500

LOCATION.--NE1/4NE1/4 Sec. 30-14-30 W.

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 poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 116 cubic feet per second September 5, gage height 2.20 feet; minimum daily discharge 20 cubic feet per second January 17 - February 1 & February 4 & 5.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	29	24	21	20	28	31	39	58	81	91	99
2	43	29	24	22	23	28	31	39	57	69	89	103
3	44	29	23	22	23	27	30	39	55	65	90	102
4	43	29	23	22	20	27	29	40	53	63	82	90
5	43	29	23	22	20	27	30	42	53	57	72	85
6	42	28	23	22	21e	28	29	40	51	55	66	88
7	41	28	23	22	22e	28	28	38	51	58	59	93
8	41	28	23	22	23e	28	28	38	51	60	62	93
9	42	28	23	22	24e	28	28	37	48	71	70	85
10	41	28	23	22	25e	27	28	37	45	69	62	96
11	40	28	23	22	25e	27	28	37	43	61	59	87
12	40	27	23	21	25e	27	27	36	46	60	68	95
13	37	27	23	21	26e	27	27	35	81	49	69	88
14	36	27	23	21	25	27	27	35	82	61	72	73
15	36	26	22	22	23	27	26	33	69	58	72	73
16	35	26	22	21	22	27	26	33	62	62	87	73
17	36	26	22	20	22	27	26	34	60	54	103	71
18	35	26	22	20	23	27	26	46	60	57	98	76
19	38	26	22	20	32	26	26	40	59	72	91	79
20	34	26	25	20	39	27	25	40	59	72	87	73
21	33	26	23	20	36	27	25	38	57	75	85	61
22	33	26	23	20	32	26	26	41	57	81	80	59
23	33	26	22	20	30	27	25	58	72	80	95	59
24	33	25	22	20	31	29	29	56	78	69	99	57
25	32	25	22	20	28	28	38	53	68	56	102	56
26	31	25	22	20	28	27	41	57	62	61	99	54
27	31	24	23	20	28	27	40	53	68	61	92	53
28	31	24	23	20	28	28	39	58	63	86	96	52
29	30	24	23	20	---	31	39	69	66	96	93	53
30	30	24	22	20	---	30	39	71	72	88	96	53
31	29	---	22	20	---	31	---	61	---	96	103	---
TOTAL	1136	799	706	647	724	856	897	1373	1806	2103	2589	2279
MEAN	36.6	26.7	22.8	21.0	25.8	27.6	29.9	44.3	60.3	67.8	83.5	76.0
MAX	44	29	25	22	39	31	41	71	82	96	103	103
MIN	29	24	22	20	20	26	25	33	43	49	59	52
AC-FT	2253	1585	1400	1283	1436	1698	1779	2723	3582	4171	5135	4520
CAL YEAR 2006	TOTAL		12429	MEAN	34.1	MAX	103.0	MIN	13.0	AC-FT	24650	
WTR YEAR 2007	TOTAL		15915	MEAN	43.6	MAX	103.0	MIN	20.0	AC-FT	31570	

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 1,520 cubic feet per second July 29, gage height 5.67 feet; maximum gage height 5.86 feet December 8 due to ice conditions; minimum daily discharge 200 cubic feet per second May 19.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	346	301	336	360e	350e	444	710	435	432	661	608	312
2	326	308	360	340e	360e	432	679	403	374	729	535	347
3	314	316	360e	320e	360e	371	628	386	331	882	427	349
4	324	335	360e	320e	380e	380	428	431	293	1070	302	332
5	327	340	360e	320e	380e	432	420	518	260	1180	260	300
6	341	344	350e	320e	380e	484	455	624	246	1110	229	244
7	374	346	340e	320e	380e	494	367	507	246	969	215	247
8	376	342	320e	320e	380e	479	361	451	244	949	235	276
9	378	334	320e	320e	390e	467	349	426	232	972	260	296
10	389	321	310	320e	390e	447	354	409	244	968	224	332
11	370	331	308	320e	390e	445	321	394	307	746	213	336
12	345	335	326	320e	390e	450	270	373	344	678	225	313
13	333	324	337	320e	390e	530	250	343	745	640	241	303
14	331	318	322	320e	400e	563	337	324	1320	568	248	303
15	335	320	320	320e	400e	562	387	309	1090	499	227	294
16	334	321	325	320e	400e	562	344	298	706	470	234	309
17	338	322	321	320e	425e	558	327	271	503	421	269	314
18	309	301	321	320e	425e	564	367	204	434	307	262	269
19	312	283	312	340e	450e	575	358	200	391	330	264	240
20	306	298	378	340e	500e	600e	358	225	340	391	242	281
21	289	310	451	340e	530e	600e	331	230	507	480	224	274
22	278	309	395	350e	500e	600e	387	246	444	500	214	252
23	292	302	368	350e	500e	600e	430	260	357	516	242	245
24	296	303	363	350e	482	600e	527	231	352	620	273	243
25	302	308	376	350e	416	600e	816	232	343	774	329	248
26	298	311	373	350e	404	600e	887	265	302	811	365	237
27	304	310	352	350e	415	620e	684	260	285	887	334	230
28	309	307	348	370e	423	620e	565	279	283	1140	308	241
29	310	306	376	340e	---	640e	499	332	323	1450	280	235
30	315	320	380e	350e	---	644	460	448	512	1330	271	221
31	311	---	380e	350e	---	810	---	474	---	780	283	---
TOTAL	10112	9526	10848	10350	11590	16773	13656	10788	12790	23828	8843	8423
MEAN	326.1	317.6	349.9	333.9	413.9	541.0	455.2	348.0	426.5	768.7	285.3	280.8
MAX	389	346	451	370	530	810	887	624	1320	1450	608	349
MIN	278	283	308	320	350	371	250	200	232	307	213	221
AC-FT	20060	18890	21520	20530	22990	33270	27090	21400	25370	47260	17540	16710
CAL YEAR 2006	TOTAL		122772	MEAN	336.4	MAX	1340	MIN	66.0	AC-FT	243500	
WTR YEAR 2007	TOTAL		147527	MEAN	404.2	MAX	1450	MIN	200.0	AC-FT	292600	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.99	1.8	1.8	1.6	1.6	1.9	2.0	2.3	1.5	1.0e	1.4	1.4e
2	1.1	1.7	1.8	1.6	1.6	1.9	2.0	2.3	1.5	1.0e	1.4e	1.4e
3	1.1	1.7	1.8	1.6	1.6	1.9	2.0	2.3	1.5	1.0e	1.4e	1.4e
4	1.2	1.7	1.8	1.6	1.6	1.9	2.0	2.3	1.5	1.0e	1.4e	1.4e
5	1.5	1.6	1.8	1.6	1.6	1.9	2.0	2.2	1.5	1.0e	1.4e	1.4e
6	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.2	1.4	0.71e	1.4e	1.4e
7	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.2	1.4	0.71e	1.4e	1.4e
8	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.1	1.4	0.71e	1.4e	1.4e
9	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.1	1.4e	0.71e	1.4e	1.4e
10	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.1	1.4e	0.71e	1.4e	1.4e
11	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.1	1.4e	0.71e	1.4e	1.4e
12	1.8	1.6	1.8	1.6	1.6	1.9	2.0	2.0	1.4e	0.71	1.4e	1.4e
13	1.9	1.7	1.7	1.6	1.6	1.9	2.0	2.0	1.4e	0.71e	1.4e	1.4e
14	1.9	1.7	1.7	1.6	1.6	1.9	2.0	2.0	1.4e	0.71e	1.4e	1.4e
15	1.9	1.7	1.7	1.6	1.6	1.9	2.0	2.0	1.4e	0.71e	1.4e	1.4e
16	1.9	1.7	1.7	1.6	1.6	1.9	2.0	1.9	1.4e	0.71e	1.3e	1.3e
17	1.9	1.7	1.7	1.6	1.6	1.9	2.0	1.9	1.4e	0.71e	1.3e	1.3e
18	1.9	1.7	1.7	1.6	1.6	1.9	2.0	1.9	1.4e	0.71e	1.1e	1.3e
19	1.9	1.7	1.7	1.6	1.6	1.9	2.1	1.9	1.4e	0.71e	1.1e	1.3e
20	1.9	1.7	1.7	1.6	1.6	1.9	2.1	1.8	1.4e	0.71e	1.1e	1.3
21	1.9	1.7	1.7	1.6	1.6	1.9	2.1	1.8	1.4e	0.71e	1.0e	1.3e
22	1.9	1.7	1.7	1.6	1.6	1.9	2.1	1.8	1.2e	1.0e	1.0e	1.3e
23	1.9	1.7	1.7	1.6	1.8	1.9	2.1	1.8	1.2e	1.0e	1.0	1.3e
24	2.0	1.7	1.7	1.6	1.9	1.9	2.1	1.7	1.2e	1.0e	1.0e	1.3e
25	2.0	1.7	1.7	1.6	1.9	1.9	2.2	1.7	1.2e	1.2e	1.1e	1.3e
26	1.9	1.7	1.7	1.6	1.9	2.0	2.2	1.7	1.2e	1.2e	1.2e	1.3e
27	1.9	1.7	1.7	1.6	1.9	2.0	2.2	1.7	1.2e	1.2e	1.2e	1.3e
28	1.9	1.7	1.7	1.6	1.9	2.0	2.2	1.6	1.2e	1.3e	1.4e	1.3e
29	1.8	1.7	1.7	1.6	---	2.0	2.2	1.6	1.2e	1.3e	1.4e	1.3e
30	1.8	1.8	1.6	1.6	---	2.0	2.2	1.6	1.2e	1.4e	1.4e	1.3e
31	1.8	---	1.6	1.6	---	2.0	---	1.6	---	1.4e	1.4e	---
TOTAL	54.49	50.4	53.7	49.6	46.5	59.5	61.8	60.2	40.7	28.36	40	40.5
MEAN	1.8	1.7	1.7	1.6	1.7	1.9	2.1	1.9	1.3	0.91	1.3	1.3
MAX	2.0	1.8	1.8	1.6	1.9	2.0	2.2	2.3	1.5	1.4	1.4	1.4
MIN	0.99	1.6	1.6	1.6	1.6	1.9	2.0	1.6	1.2	0.71	1.0	1.3
AC-FT	108	100	107	98	92	118	123	119	81	56	79	80
CAL YEAR 2006	TOTAL		306	MEAN	1.3	MAX	2.0	MIN	0.18	AC-FT	606	
WTR YEAR 2007	TOTAL		586	MEAN	1.6	MAX	2.3	MIN	0.71	AC-FT	1162	

e indicates estimated discharge

SOUTH PLATTE RIVER BASIN

LODGEPOLE CREEK below Oliver Reservoir, 00219000

LOCATION.--SEL/4SW1/4 SEC. 36-15-57 W. near Kimball

GAGE.--Continuous stage recorder and 3 ft. rectangular weir notch in sheet pile cutoff wall

PERIOD OF RECORD.--Continuous record 1981 - 1992, 1993 - present, partial year record.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.06	---	---	---	---	---	---	---	---	---	---	---
2	0.06	---	---	---	---	---	---	---	---	---	---	---
3	0.06	---	---	---	---	---	---	---	---	---	---	---
4	0.06	---	---	---	---	---	---	---	---	---	---	---
5	0.06	---	---	---	---	---	---	---	---	---	---	---
6	0.06	---	---	---	---	---	---	---	---	---	---	---
7	0.06	---	---	---	---	---	---	---	---	---	---	---
8	0.06	---	---	---	---	---	---	---	---	---	---	---
9	0.06	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	0.54	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.060	---	---	---	---	---	---	---	---	---	---	---
MAX	0.06	---	---	---	---	---	---	---	---	---	---	---
MIN	0.06	---	---	---	---	---	---	---	---	---	---	---
AC-FT	1.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2006	TOTAL		12	MEAN	0.071	MAX	0.65	MIN	0.000	AC-FT	25	
WTR YEAR 2007	TOTAL		1	MEAN	0.060	MAX	0.060	MIN	0.060	AC-FT	1.1	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	36	7.7	---	---	---	---	---	73	30	1.1	55	39
2	35	7.7	---	---	---	---	---	41	25	0.16	60	42
3	38	7.7	---	---	---	---	---	28	44	12	55	39
4	39	7.7	---	---	---	---	---	22	58	51	50	40
5	29	7.7	---	---	---	---	---	29	36	51	50	40
6	22	7.7	---	---	---	---	---	34	34	45	58	43
7	20	7.7	---	---	---	---	---	37	47	43	53	42
8	21	7.7	---	---	---	---	---	55	39	44	50	43
9	26	7.7	---	---	---	---	---	61	30	46	45	45
10	31	7.7	---	---	---	---	---	44	52	46	41	50
11	32	7.7	---	---	---	---	---	60	36	46	40	51
12	33	7.7	---	---	---	---	---	65	37	52	41	47
13	33	4.4	---	---	---	---	---	37	39	52	39	0.00
14	46	---	---	---	---	---	---	58	31	50	41	0.00
15	48	---	---	---	---	---	---	60	22	48	40	0.00
16	53	---	---	---	---	---	---	69	20	48	37	0.00
17	22	---	---	---	---	---	0.00	63	30	50	36	0.00
18	15	---	---	---	---	---	0.00	59	24	50	35	0.00
19	8.2	---	---	---	---	---	0.00	50	19	54	37	0.00
20	6.6	---	---	---	---	---	79	47	16	50	36	0.00
21	4.5	---	---	---	---	---	89	64	12	41	38	0.00
22	2.0	---	---	---	---	---	0.00	71	5.1	37	39	0.00
23	7.6	---	---	---	---	---	79	66	1.3	36	44	0.00
24	7.7	---	---	---	---	---	89	59	9.5	37	41	0.00
25	7.7	---	---	---	---	---	0.00	56	9.7	34	36	0.00
26	7.7	---	---	---	---	---	0.00	68	10	34	33	0.00
27	7.7	---	---	---	---	---	0.00	80	11	38	34	0.00
28	7.7	---	---	---	---	---	0.00	80	8.1	43	30	0.00
29	7.7	---	---	---	---	---	0.00	61	6.1	17	32	0.00
30	7.7	---	---	---	---	---	0.00	55	2.6	29	32	0.00
31	7.7	---	---	---	---	---	---	39	---	40	34	---
TOTAL	669.5	96.8	0	0	0	0	336	1691	744.4	1225.26	1292	521
MEAN	21.5	7.5	---	---	---	---	24.1	54.5	24.8	39.5	41.7	17.3
MAX	53	7.7	---	---	---	---	89	80	58	54	60	51
MIN	2.0	4.4	---	---	---	---	0.00	22	1.3	0.16	30	0.00
AC-FT	1328	192	0.00	0.00	0.00	0.00	666	3354	1476	2430	2563	1033
CAL YEAR 2006	MAX	141.0	MIN	0.000	AC-FT	14810						
WTR YEAR 2007	MAX	89.0	MIN	0.000	AC-FT	13040						

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 1,360 cubic feet per second June 14, gage height 7.46 feet; minimum daily discharge 86 cubic feet per second November 30.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	93	88	90	98	133	323	252	280	624	237	214	141
2	93	88	89	100	130e	308	249	260	694	230	216	133
3	93	89	94	101	130e	282	239	246	655	220	201	128
4	91	93	91	105	130e	265	226	264	602	242	199	125
5	91	95	94	104	130e	271	227	293	563	224	204	123
6	96	98	93	99	130e	273	231	275	666	217	203	128
7	99	101	90	100	130e	263	232	260	755	216	190	133
8	93	104	95	102	137	261	237	235	586	231	188	127
9	105	101	97	103	135e	264	244	229	475	257	207	120
10	100	94	99	108	135e	256	251	223	367	268	220	133
11	93	95	97	115	135e	255	256	220	303	274	206	132
12	91	95	100	110	135e	251	247	225	316	277	196	136
13	93	92	101	107	135e	250	249	211	516	267	190	146
14	93	93	104	110e	140e	243	254	204	1100	277	192	148
15	98	91	99	110e	140e	234	255	206	1120	260	183	153
16	105	91	102	120e	145e	229	257	191	653	252	172	162
17	105	95	98	120e	150e	229	248	176	490	224	171	161
18	98	92	99	130e	150e	226	241	174	437	210	170	154
19	98	93	99	130e	160e	224	245	202	406	229	161	151
20	101	95	135	140e	215	219	246	238	355	231	153	131
21	99	100	128	140e	232	216	256	260	315	222	142	111
22	97	100	114	150e	266	207	278	349	294	202	146	113
23	98	97	108	150e	307	205	271	321	286	190	158	115
24	99	96	110	160e	352	241	321	254	279	177	164	122
25	97	95	107	163	345	234	407	245	268	170	164	126
26	99	91	107	139	315	225	418	249	257	170	168	130
27	96	89	107	133	310	214	371	238	253	167	160	131
28	97	90	105	126	312	213	342	240	249	205	148	135
29	97	87	105	131	---	268	314	320	246	219	139	147
30	95	86	99	130	---	271	297	381	256	222	145	152
31	88	---	99	133	---	261	---	447	---	214	147	---
TOTAL	2991	2814	3155	3767	5264	7681	8161	7916	14386	7001	5517	4047
MEAN	96.5	93.8	101.7	121.6	188.0	247.8	272.1	255.3	479.4	225.9	178.0	134.9
MAX	105	104	135	163	352	323	418	447	1120	277	220	162
MIN	88	86	89	98	130	205	226	174	246	167	139	111
AC-FT	5933	5581	6258	7472	10440	15240	16190	15700	28530	13890	10940	8027
CAL YEAR 2006	TOTAL		48114	MEAN	131.8	MAX	243.0	MIN	74.0	AC-FT	95430	
WTR YEAR 2007	TOTAL		72700	MEAN	199.2	MAX	1120	MIN	86.0	AC-FT	144200	

e indicates estimated discharge.

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River, 00142000

LOCATION.--NWL/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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	440	435	350	450	450	877	771	740	1450	2170	2240	305
2	440	440	350	450	350	863	664	740	1360	2070	2220	380
3	445	450	350	475	325	708	656	712	1290	2180	2240	398
4	440	465	206	500	440	684	615	773	1200	2200	2180	375
5	445	480	400	525	450	713	592	1020	1110	2210	2060	402
6	445	475	493	550	525	754	576	1090	1110	2190	1910	426
7	445	480	450	525	575	760	580	917	1220	2200	1650	401
8	450	480	400	525	575	728	574	788	1070	2210	1470	400
9	450	470	460	525	575	747	597	673	922	2220	1370	395
10	515	465	500	550	575	720	661	662	798	2170	1320	394
11	500	460	500	525	525	716	694	766	805	2030	1230	427
12	480	460	500	310	550	707	673	627	1140	2030	1190	449
13	470	460	475	300	550	680	681	585	1690	2080	1250	411
14	460	450	475	350	425	663	690	689	2200	2080	1180	425
15	460	440	475	350	400	633	657	786	2190	1860	1250	445
16	470	450	475	375	425	605	630	995	2020	1830	1240	451
17	460	450	475	400	589	591	612	924	1610	1900	1190	461
18	465	450	465	425	693	574	591	809	1430	1990	1230	376
19	480	450	465	475	770	556	589	534	1350	2010	1180	322
20	480	450	550	500	915	562	593	636	1210	2070	1170	333
21	480	455	600	500	1010	560	597	682	1130	2150	1230	334
22	480	450	650	475	937	537	727	932	1070	2200	1090	433
23	480	450	600	500	879	512	748	730	991	2230	1020	412
24	475	450	575	475	982	670	978	581	954	2240	996	443
25	470	450	500	500	955	724	1540	544	865	2230	837	425
26	465	450	525	500	851	657	1660	272	958	2240	902	440
27	460	450	500	500	829	586	1330	208	1070	2220	880	445
28	460	450	500	500	844	548	1090	331	1260	2240	811	450
29	460	450	450	500	---	909	937	1000	1490	2250	693	475
30	460	300	450	525	---	1130	741	1490	2030	2250	542	475
31	440	---	450	475	---	969	---	1450	---	2250	324	---
TOTAL	14370	13515	14614	14535	17969	21643	23044	23686	38993	66200	40095	12308
MEAN	463.5	450.5	471.4	468.9	641.8	698.1	767.9	764.2	1299	2136	1293	410.3
MAX	515	480	650	550	1010	1130	1660	1490	2200	2250	2240	475
MIN	440	300	206	300	325	512	574	208	798	1830	324	305
AC-FT	28500	26810	28990	28830	35640	42930	45710	46980	77340	131300	79530	24410
CAL YEAR 2006	TOTAL		292439	MEAN	801.2	MAX	2300	MIN	206.0	AC-FT	580000	
WTR YEAR 2007	TOTAL		300972	MEAN	824.6	MAX	2250	MIN	206.0	AC-FT	597000	

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

STORAGE (ACFT), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4462	4862	5182	4662	4912	5072	3249	4762	5347	5897	6292	4912
2	3914	4812	5347	4662	5072	5292	3202	5127	5127	5897	6292	5347
3	3439	4712	5237	4712	4962	5017	3297	5182	5237	5842	6234	5457
4	2607	4462	5347	4912	5017	5127	3202	5182	5292	5897	6234	5402
5	2832	4212	5347	5237	5127	5127	3534	5457	5017	5952	6062	5347
6	2472	4862	5072	5237	5292	5127	3249	5457	4912	6007	5842	5237
7	2967	5292	5182	5292	5347	5127	3297	5182	5292	6007	5897	5127
8	2787	5182	5072	5127	5292	5127	3344	4762	5292	6007	5842	5017
9	3202	4962	5182	5237	5237	5182	3392	4962	5237	6292	5512	5017
10	3392	4762	5182	5237	5127	5127	3344	5072	5237	6234	5897	5182
11	3249	4712	5182	5237	5127	5017	3439	5017	5347	6062	5787	5237
12	3059	4712	5237	5127	5182	4962	3154	5072	5402	6062	5952	5292
13	3487	4662	5127	5347	5017	4812	3059	5017	4662	6007	5842	5292
14	4462	4612	5127	5347	4712	4762	3059	4812	5292	5842	5457	5292
15	5182	4712	5127	5182	5127	4762	3392	4862	6007	5897	5347	5347
16	5127	4762	5127	5292	5237	4912	3344	5182	5952	5787	5182	5402
17	5127	4762	5182	5347	5292	5017	3154	5072	5897	5897	4962	5457
18	5127	4712	5127	5402	4862	5072	3439	5347	6062	5897	4712	5457
19	5072	4712	5127	5457	4912	5017	3344	5237	5622	5897	4562	5347
20	4962	4662	5237	5347	4812	5017	3392	5402	5732	5677	4662	5292
21	4912	4562	5017	5237	5402	4712	3202	5567	5787	5567	4712	5237
22	4812	4512	4862	5127	5237	4362	3297	5402	5952	6062	4662	5182
23	4762	4512	4612	5127	5072	3772	3202	5237	6007	6062	4612	5127
24	4862	4612	4712	5127	4812	3534	3202	5237	6007	6007	4562	5182
25	4862	4662	4462	5292	5072	3392	3677	5292	6007	5952	4262	5237
26	4862	4712	4612	5402	4812	3154	3629	5402	5952	5787	4012	5237
27	4812	4662	4962	5402	4912	3344	3297	5402	5952	5622	4062	5237
28	4812	4612	5127	5402	4962	3392	3582	5347	6062	5732	4262	5292
29	4812	4562	5292	5237		3344	3297	5512	5787	5787	4262	5347
30	5017	4762	4962	5072		3534	4312	4862	5897	5842	4212	5567
31	5072	---	4762	4962		3534	---	5457	---	6234	4412	---
MEAN	4210	4710	5069	5187	5070	4540	3353	5190	5579	5926	5181	5270
MAX	5182	5292	5347	5457	5402	5292	4312	5567	6062	6292	6292	5567
MIN	2472	4212	4462	4662	4712	3154	3059	4762	4662	5567	4012	4912
CAL YEAR 2006	MEAN	5092	MAX	6119	MIN	2472						
WTR YEAR 2007	MEAN	4942	MAX	6292	MIN	2472						

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 2007

	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	576	121	98
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	592	389	96
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	620	440	73
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	692	506	60
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	660	665	74
6	0.00	3.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	626	672	74
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	645	612	75
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	680	565	73
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	448	546	73
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	299	547	54
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	332	547	40
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	375	645	36
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	256	742	35
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280	754	35
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	318	766	35
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53	0.00	377	780	34
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51	0.00	435	774	33
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51	0.00	595	771	31
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	0.00	710	779	30
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48	0.00	711	794	29
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80	16	698	802	28
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86	47	724	761	27
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51	47	845	707	25
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49	69	857	683	24
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52	83	821	667	23
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51	116	697	651	6.0
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47	171	650	636	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47	295	530	640	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	31	418	320	625	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	491	0.00	591	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	336	---
TOTAL	0	3	0	0	0	0	0	778	1753	16369	19514	1221
MEAN	0.000	0.10	0.000	0.000	0.000	0.000	0.000	25.1	58.4	528.0	629.5	40.7
MAX	0.00	3.0	0.00	0.00	0.00	0.00	0.00	86	491	857	802	98
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121	0.00
AC-FT	0.00	6.0	0.00	0.00	0.00	0.00	0.00	1543	3477	32470	38710	2422
CAL YEAR 2006	TOTAL		66303	MEAN	181.7	MAX	1060	MIN	0.000	AC-FT	131500	
WTR YEAR 2007	TOTAL		39638	MEAN	108.6	MAX	857.0	MIN	0.000	AC-FT	78620	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5312	4658	4114	6431	5692	5110	4472	3972	4658	9910	9662	10520
2	5278	4658	4086	6392	5692	5076	4472	3972	4907	9910	9860	10470
3	5245	4627	4057	6352	5655	5042	4441	3972	5177	9910	10060	10420
4	5245	4596	4057	6352	5619	5042	4409	3972	5481	9860	10210	10320
5	5211	4596	4029	6313	5619	5008	4409	3943	5765	9860	10370	10260
6	5211	4565	4000	6276	5582	5008	4378	3943	6057	9860	10520	10210
7	5177	4565	4000	6276	5548	4975	4378	3943	6352	9860	11050	10210
8	5143	4534	3972	6240	5548	4941	4347	3943	6667	9809	11320	10160
9	5143	4503	3972	6240	5515	4941	4316	3915	6981	9860	11270	10110
10	5110	4503	3943	6203	5515	4907	4316	3915	7141	9910	11270	10110
11	5076	4472	3915	6167	5481	4876	4285	3915	7141	9809	11210	10060
12	5076	4441	3915	6167	5447	4876	4257	3915	7141	9809	11210	10010
13	5042	4441	3886	6130	5447	4845	4257	3972	7099	9760	11160	10010
14	5042	4409	3858	6094	5413	4845	4228	3972	7268	9711	11110	9961
15	5008	4409	3858	6094	5380	4814	4228	3972	7606	9662	11110	9910
16	4975	4378	3829	6057	5380	4783	4200	3943	7939	9662	11050	9910
17	4975	4347	3829	6057	5346	4783	4171	3943	8250	9613	11000	9860
18	4941	4347	3801	6021	5346	4752	4171	3943	8522	9564	11000	9809
19	4907	4316	3772	5984	5312	4720	4143	3915	8798	9564	10950	9809
20	4907	4285	3772	5984	5278	4720	4114	3915	9082	9515	10950	9760
21	4876	4285	3744	5948	5278	4689	4114	3915	9368	9515	11000	9711
22	4876	4257	3886	5911	5245	4689	4086	3972	9613	9466	10950	9711
23	4845	4257	4143	5911	5211	4658	4086	3972	9860	9466	10950	9662
24	4814	4228	4378	5874	5211	4627	4057	3972	10110	9417	10890	9613
25	4814	4200	4627	5874	5177	4627	4029	3943	10110	9417	10890	9613
26	4783	4200	4876	5838	5177	4596	4029	3943	10060	9368	10840	9564
27	4752	4171	5143	5801	5143	4565	4000	3943	10010	9319	10790	9417
28	4752	4143	5380	5801	5110	4565	3972	4000	10010	9319	10730	9368
29	4720	4143	5728	5765	---	4534	3972	4029	9961	9272	10680	9319
30	4720	4114	6094	5728	---	4534	3943	4171	9961	9272	10630	9272
31	4689	---	6470	5728	---	4503	---	4409	---	9368	10580	---
MEAN	4989	4388	4295	6065	5406	4795	4209	3973	7904	9633	10810	9905
MAX	5312	4658	6470	6431	5692	5110	4472	4409	10110	9910	11320	10520
MIN	4689	4114	3744	5728	5110	4503	3943	3915	4658	9272	9662	9272
CAL YEAR 2006	MEAN	6808	MAX	10840	MIN	3744						
WTR YEAR 2007	MEAN	6370	MAX	11320	MIN	3744						

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

STORAGE (ACFT), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41000	39590	38880	37710	39590	39820	40290	37710	40530	40530	42940	32220
2	40290	39350	38880	38410	40290	38650	39120	37940	40290	41470	43940	32220
3	39820	39590	38880	38880	38880	37710	39820	37470	40290	41470	43690	32220
4	39820	39120	39350	37940	39120	39350	40060	37470	40290	42940	44190	32220
5	40290	40530	37940	38650	39820	38410	39120	38880	40760	42190	43440	32220
6	40760	40060	38650	39120	39120	38180	38880	41230	40290	42690	42690	32630
7	40530	41000	39350	39820	39590	39350	37940	40760	40290	42690	43190	33060
8	40060	39590	38880	38880	38880	37940	39350	40290	40060	42940	43190	33720
9	39350	40060	39120	39590	37940	38180	38650	39590	40060	43190	42940	34820
10	38650	38880	39590	40060	38650	38180	39820	40060	40060	42690	42690	35700
11	39120	39350	38410	39120	39350	39350	39590	38880	39590	42690	41940	35920
12	38410	40060	39590	40060	40290	39350	37940	39820	40290	42940	41000	36360
13	38880	39350	38410	38880	39120	38180	37710	40530	41230	43190	39590	36800
14	37940	38880	39350	39350	40290	39590	38880	39120	43940	43690	37470	37240
15	38880	39350	40060	39350	38880	38880	40060	40060	42940	43690	36580	37710
16	39350	38650	39120	38410	38650	37940	40060	40060	43190	42440	34820	37940
17	38650	38650	39590	38880	38880	38880	37470	39120	43190	43190	33280	38650
18	37470	38180	40290	39120	39590	39120	38880	39350	43190	42190	32630	39120
19	37470	38650	39590	38410	39350	38410	38410	39120	43940	41940	31810	39590
20	37470	40060	40060	38880	40760	37470	36580	38650	43690	41940	31610	40060
21	37940	39590	39590	39590	40290	38650	37940	38410	43440	41000	32220	40760
22	38650	38650	37710	38880	40290	40290	39350	40060	41940	39590	32220	40760
23	37940	39350	37240	39590	40760	39820	38180	41230	41000	39120	32430	40530
24	39350	38410	37710	40290	40530	39820	39120	41470	40760	38180	32220	40760
25	40530	39120	38410	38880	40760	41000	40530	41230	41230	38410	32630	41230
26	40760	39820	38650	39820	41230	40530	41470	41470	40530	37240	32840	41470
27	40060	39120	38880	38650	41230	39820	40290	41940	40290	38880	32840	41470
28	41230	38880	37240	39590	40530	38880	40290	41700	40060	38410	32630	40290
29	41940	39590	36360	40290	---	40290	41000	41470	40060	40290	32630	41000
30	41000	38650	36800	39590	---	40530	39820	41000	40760	42690	32630	41230
31	40060	---	37240	40290	---	40290	---	39820	---	44440	32430	---
MEAN	39470	39330	38700	39190	39740	39120	39220	39870	41270	41570	37140	37330
MAX	41940	41000	40290	40290	41230	41000	41470	41940	43940	44440	44190	41470
MIN	37470	38180	36360	37710	37940	37470	36580	37470	39590	37240	31610	32220
CAL YEAR 2006	MEAN	38640	MAX	43940	MIN	28410						
WTR YEAR 2007	MEAN	39330	MAX	44440	MIN	31610						

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 2007

	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	84	162	486	130	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93	123	497	167	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44	136	460	182	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44	196	390	211	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45	167	390	228	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43	188	407	251	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46	204	460	187	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28	244	447	108	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220	395	138	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27	224	464	171	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57	219	450	265	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76	168	482	305	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	84	509	362	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	125	496	420	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68	287	460	425	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277	193	413	409	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	16	119	207	379	451	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	55	129	190	429	419	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	81	141	248	472	351	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	110	120	270	464	11	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	96	210	213	465	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	57	21	226	420	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	63	0.00	300	420	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	104	92	253	425	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	62	129	272	450	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	52	69	380	451	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	54	90	354	501	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	74	77	483	403	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	78	308	493	174	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	75	87	474	166	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	135	---	193	0.00	---
TOTAL	0	0	0	0	0	0	977	2721	7303	13018	5191	0
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	32.6	87.8	243.4	419.9	167.5	0.000
MAX	0.00	0.00	0.00	0.00	0.00	0.00	110	308	493	509	451	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84	166	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1938	5397	14490	25820	10300	0.00
CAL YEAR 2006	MAX	619.0	MIN	0.000	AC-FT	79160						
WTR YEAR 2007	MAX	509.0	MIN	0.000	AC-FT	57940						

PLATTE RIVER BASIN

JOHNSON POWER RETURN to Platte River, 00144000

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1941 - present

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	742	907	913	757	1050	0.00	814	0.00
2	710	0.00	0.00	0.00	0.00	1080	847	0.00	816	112	942	0.00
3	456	593	0.00	0.00	748	1000	841	339	775	334	865	0.00
4	494	576	0.00	793	0.00	0.00	0.00	465	605	343	525	0.00
5	0.00	0.00	693	0.00	0.00	897	902	0.00	558	391	811	0.00
6	654	578	0.00	0.00	737	862	947	0.00	534	375	776	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	942	880	486	440	694	0.00
8	450	580	693	788	774	849	0.00	973	466	444	271	0.00
9	352	0.00	0.00	0.00	737	840	853	928	454	687	291	0.00
10	489	703	0.00	0.00	0.00	840	0.00	0.00	442	830	291	0.00
11	0.00	0.00	700	778	0.00	0.00	834	699	458	792	291	0.00
12	577	0.00	0.00	0.00	0.00	842	835	0.00	459	564	290	0.00
13	0.00	695	693	773	733	850	837	0.00	511	1020	294	0.00
14	615	0.00	0.00	0.00	0.00	0.00	0.00	798	411	674	328	0.00
15	0.00	0.00	0.00	0.00	767	843	0.00	0.00	908	798	309	0.00
16	0.00	693	706	738	738	876	835	269	1090	968	283	0.00
17	530	0.00	0.00	0.00	0.00	0.00	824	596	1100	385	0.00	0.00
18	370	578	0.00	23	0.00	142	0.00	410	910	408	0.00	0.00
19	0.00	0.00	729	740	736	860	768	396	632	381	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	843	742	236	531	410	0.00	0.00
21	0.00	695	906	0.00	836	0.00	0.00	135	465	393	112	0.00
22	0.00	402	1670	739	837	0.00	0.00	0.00	809	411	0.00	0.00
23	615	0.00	745	0.00	843	847	807	0.00	548	321	0.00	0.00
24	0.00	688	0.00	0.00	1130	887	748	0.00	397	305	0.00	0.00
25	0.00	0.00	0.00	753	403	0.00	0.00	3.0	300	311	0.00	0.00
26	0.00	0.00	0.00	0.00	897	908	1140	0.00	0.00	311	0.00	0.00
27	580	693	0.00	738	921	838	933	7.0	0.00	283	0.00	155
28	0.00	0.00	776	0.00	887	831	1040	0.00	0.00	331	66	578
29	0.00	0.00	777	0.00	---	0.00	773	939	0.00	277	254	0.00
30	582	887	0.00	753	---	976	792	1240	0.00	384	0.00	0.00
31	578	---	0.00	0.00	---	846	---	1570	---	362	0.00	---
TOTAL	8052	8361	9088	7616	13466	18664	18153	11640	15715	14045	8507	733
MEAN	259.7	278.7	293.2	245.7	480.9	602.2	605.0	375.4	523.9	453.2	274.4	24.4
MAX	710	887	1670	793	1130	1080	1140	1570	1100	1020	942	578
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	15970	16580	18030	15110	26710	37020	36010	23090	31170	27860	16870	1454
CAL YEAR 2006	TOTAL		62232	MEAN	170.5	MAX	1670	MIN	0.000	AC-FT	123400	
WTR YEAR 2007	TOTAL		134040	MEAN	367.2	MAX	1670	MIN	0.000	AC-FT	265900	

PLATTE RIVER BASIN

PLATTE RIVER near Maxwell, 00228500

LOCATION.--SW1/4SW1/4 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 330 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 the Platte River below the Tri-County Diversion Dam gage operated through water year 1999.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,540 cubic feet per second June 15, gage height 6.98 feet, minimum daily discharge 3.0 cubic feet per second July 23.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	39	40	46	65e	69e	105	127	101	209	193	542	38
2	39	39	45	65e	67e	120	104	89	183	183	490	36
3	38	39	43	65	64e	125	90	79	148	84	371	36
4	37	40	44	67	61e	129	78	77	122	232	134	35
5	37	41	43	71	58e	103	76	119	103	419	73	34
6	38	41	44	80	55e	101	75	141	89	510	65	34
7	37	43	40	80e	52e	105	73	136	79	392	57	35
8	36	45	45	80e	50	110	74	126	69	258	62	36
9	46	42	45	80e	49	106	77	110	63	347	63	42
10	45	39	46	80e	48	98	80	96	58	188	59	60
11	47	39	44	80e	55e	92	83	85	56	86	57	48
12	45	40	46	70e	60e	87	77	78	103	61	57	47
13	45	39	47	70e	60e	83	77	71	133	50	57	46
14	43	39	50	70e	70e	79	74	68	595	47	54	46
15	44	40	46	60e	75e	72	69	64	1210	38	53	46
16	47	39	48	60e	80e	68	68	61	668	30	52	47
17	47	43	45	60e	80e	66	65	58	200	24	51	47
18	42	41	45	55e	80e	64	62	55	158	19	53	38
19	42	41	43	55e	85e	62	59	53	131	15	51	34
20	46	42	54	55e	90e	59	57	51	105	12	51	34
21	44	45	55e	50e	90	60	55	51	87	9.9	48	33
22	43	46	55e	50e	190	58	74	70	80	5.5	48	33
23	45	46	55e	50e	193	58	75	58	74	3.0	50	32
24	47	48	55e	50e	190	68	123	55	69	32	48	34
25	47	48	55e	54	126	72	255	55	64	155	48	34
26	48	45	55e	52	130	81	376	60	60	344	49	35
27	47	44	60e	44	100	82	312	55	58	453	45	35
28	47	46	60e	49	106	81	215	53	57	585	44	35
29	48	42	60e	49	---	112	163	120	57	1180	45	36
30	45	42	60e	49	---	145	124	248	68	1420	46	53
31	41	---	65e	69	---	148	---	256	---	1100	44	---
TOTAL	1342	1264	1544	1934	2433	2799	3317	2799	5156	8475.4	2967	1179
MEAN	43.2	42.1	49.9	62.4	86.9	90.3	110.5	90.3	171.6	273.7	95.7	39.2
MAX	48	48	65	80	193	148	376	256	1210	1420	542	60
MIN	36	39	40	44	48	58	55	51	56	3.0	44	32
AC-FT	2662	2507	3062	3836	4826	5552	6579	5552	10230	16810	5885	2339
CAL YEAR 2006	TOTAL		30313	MEAN	83.0	MAX	970.0	MIN	2.7	AC-FT	60120	
WTR YEAR 2007	TOTAL		35209	MEAN	96.5	MAX	1420	MIN	3.0	AC-FT	69840	

E indicates estimated discharge.

PLATTE RIVER BASIN

PLATTE RIVER at Brady, 06766000

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,020 cubic feet per second July 31, combined channel flow; minimum daily discharge 49 cubic feet per second on September 8, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	60	74	87e	108e	97	204	262	282	1170	140	1500	61
2	60	74	89e	118e	86	195	231	247	761	229	801	57
3	58	75	87e	128e	96	172	191	212	518	150	706	55
4	59	78	99e	125e	110	163	160	201	371	174	450	53
5	61	80	90	107e	111	175	156	1180	291	283	198	51
6	62	81	86	101	107	204	155	971	243	410	178	51
7	62	83	85	102	112	219	150	518	204	498	150	51
8	60	85	99	105	105	229	149	338	183	364	137	49
9	75	86	86	102	102	230	156	266	167	315	119	51
10	78	82	86	103	89	223	158	213	156	327	106	92
11	75	83	85	100	112	209	173	178	147	181	97	80
12	73	84	85	120	109	198	160	155	193	140	96	71
13	72	83	87	109	73	186	165	138	680	125	92	64
14	71	85	88	90e	84	171	165	125	1180	116	86	61
15	73	86	85	87e	85	151	164	115	1970	109	87	61
16	75	83	87	93e	105	145	155	113	1600	99	88	61
17	78	86	83	107e	121	142	154	120	698	94	103	62
18	77	84	83	115e	135	134	144	111	363	89	125	62
19	77	83	82	126e	166	131	141	106	280	86	120	59
20	79	85	82e	111e	195	135	133	102	231	90	126	58
21	78	88	82e	113e	264	139	144	97	199	92	121	55
22	76	88	82e	108e	325	135	182	149	178	85	105	54
23	76	88	96e	108e	338	132	211	137	163	82	106	54
24	78	89	108e	113e	339	148	304	124	149	81	95	55
25	78	89	98e	118	265	167e	705	113	142	133	94	55
26	80	85	98e	123	232	172e	1050	115	130	284	95	55
27	79	85	95e	117	205	174e	958	113	126	487	87	55
28	77	89	90e	90	203	203e	681	116	121	695	81	55
29	78	85	95e	118	---	258e	500	224	117	1340	70	54
30	78	83e	95e	95	---	275e	357	1330	118	2520	63	63
31	76	---	113e	98	---	289	---	1630	---	2700	63	---
TOTAL	2239	2509	2793	3358	4371	5708	8414	9839	12849	12518	6345	1765
MEAN	72.2	83.5	90.0	108.3	155.9	184.1	280.4	317.1	428.3	403.6	204.5	58.8
MAX	80	89	113	128	339	289	1050	1630	1970	2700	1500	92
MIN	58	74	82	87	73	131	133	97	117	81	63	49
AC-FT	4441	4977	5540	6660	8670	11320	16690	19520	25490	24830	12590	3501
CAL YEAR 2006 TOTAL			42443	MEAN	116.3	MAX	938.0	MIN	28.0	AC-FT	84180	
WTR YEAR 2007 TOTAL			72708	MEAN	199.2	MAX	2700	MIN	49.0	AC-FT	144200	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	52	98	148	0.00
2	---	---	---	---	---	---	---	---	51	115	153	0.00
3	---	---	---	---	---	---	---	---	51	134	156	0.00
4	---	---	---	---	---	---	---	---	50	139	157	0.00
5	---	---	---	---	---	---	---	---	51	138	159	0.00
6	---	---	---	---	---	---	---	---	51	137	164	0.00
7	---	---	---	---	---	---	---	---	50	136	154	0.00
8	---	---	---	---	---	---	---	---	48	137	154	0.00
9	---	---	---	---	---	---	---	---	48	98	154	0.00
10	---	---	---	---	---	---	---	0.00	49	82	155	0.00
11	---	---	---	---	---	---	---	0.00	48	85	154	0.00
12	---	---	---	---	---	---	---	0.00	48	97	156	0.00
13	---	---	---	---	---	---	---	0.00	48	71	157	0.00
14	---	---	---	---	---	---	---	0.00	47	93	159	---
15	---	---	---	---	---	---	---	0.00	47	108	166	---
16	---	---	---	---	---	---	---	0.00	46	117	163	---
17	---	---	---	---	---	---	---	0.00	47	117	163	---
18	---	---	---	---	---	---	---	0.00	48	119	167	---
19	---	---	---	---	---	---	---	0.00	50	126	170	---
20	---	---	---	---	---	---	---	0.00	50	139	166	---
21	---	---	---	---	---	---	---	0.00	50	154	163	---
22	---	---	---	---	---	---	---	0.00	50	162	159	---
23	---	---	---	---	---	---	---	0.00	50	166	151	---
24	---	---	---	---	---	---	---	0.00	69	172	151	---
25	---	---	---	---	---	---	---	0.00	79	173	147	---
26	---	---	---	---	---	---	---	0.00	80	168	141	---
27	---	---	---	---	---	---	---	0.00	81	161	141	---
28	---	---	---	---	---	---	---	0.00	81	161	141	---
29	---	---	---	---	---	---	---	0.00	89	156	141	---
30	---	---	---	---	---	---	---	---	97	148	142	---
31	---	---	---	---	---	---	---	---	---	148	45	---
TOTAL	0	0	0	0	0	0	0	0	1706	4055	4697	0
MEAN	---	---	---	---	---	---	---	0.000	56.9	130.7	151.5	0.000
MAX	---	---	---	---	---	---	---	0.00	97	173	170	0.00
MIN	---	---	---	---	---	---	---	0.00	46	71	45	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3384	8043	9316	0.00
CAL YEAR 2006	MAX	197.0	MIN	0.000	AC-FT	28620						
WTR YEAR 2007	MAX	173.0	MIN	0.000	AC-FT	20740						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	90	44	241	293	106
2	---	---	---	---	---	---	0.00	90	42	286	294	106
3	---	---	---	---	---	---	0.00	90	42	300	295	104
4	---	---	---	---	---	---	0.00	90	60	304	294	100
5	---	---	---	---	---	---	0.00	97	95	306	295	102
6	---	---	---	---	---	---	0.00	97	99	307	283	103
7	---	---	---	---	---	---	0.00	82	100	308	272	103
8	---	---	---	---	---	---	0.00	91	100	307	272	103
9	---	---	---	---	---	---	8.5	91	100	274	273	102
10	---	---	---	---	---	---	99	92	102	246	275	105
11	---	---	---	---	---	---	89	91	103	244	274	90
12	---	---	---	---	---	---	89	92	105	243	275	81
13	---	---	---	---	---	---	90	92	104	196	276	81
14	---	---	---	---	---	---	90	92	103	193	279	80
15	---	---	---	---	---	---	90	91	102	192	279	80
16	---	---	---	---	---	---	91	92	101	222	279	80
17	---	---	---	---	---	---	112	92	102	261	279	80
18	---	---	---	---	---	---	89	92	102	274	279	80
19	---	---	---	---	---	---	87	92	114	276	279	79
20	---	---	---	---	---	---	86	93	127	275	279	79
21	---	---	---	---	---	---	90	93	129	274	279	77
22	---	---	---	---	---	---	94	97	129	273	278	76
23	---	---	---	---	---	---	93	94	130	299	273	74
24	---	---	---	---	---	---	92	93	130	301	269	74
25	---	---	---	---	---	---	92	93	126	305	269	74
26	---	---	---	---	---	0.00	91	93	126	304	268	74
27	---	---	---	---	---	0.00	90	93	144	301	266	40
28	---	---	---	---	---	0.00	90	93	196	299	267	0.00
29	---	---	---	---	---	0.00	91	101	210	294	265	0.00
30	---	---	---	---	---	0.00	91	55	218	283	253	0.00
31	---	---	---	---	---	0.00	---	46	---	294	165	---
TOTAL	0	0	0	0	0	0	1934.5	2780	3385	8482	8476	2333
MEAN	---	---	---	---	---	0.000	64.5	89.7	112.8	273.7	273.3	77.8
MAX	---	---	---	---	---	0.00	112	101	218	308	295	106
MIN	---	---	---	---	---	0.00	0.00	46	42	192	165	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	3837	5514	6714	16820	16810	4627
CAL YEAR 2006	MAX	311.0	MIN	0.000	AC-FT	54650						
WTR YEAR 2007	MAX	308.0	MIN	0.000	AC-FT	54330						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	30	8.2	11	2.4	30
2	---	---	---	---	---	---	0.00	31	5.6	3.6	2.5	29
3	---	---	---	---	---	---	0.00	33	6.5	3.5	2.6	27
4	---	---	---	---	---	---	0.00	33	5.0	1.4	2.7	27
5	---	---	---	---	---	---	0.00	37	5.0	1.4	2.8	33
6	---	---	---	---	---	---	0.00	31	6.6	1.4	3.0	41
7	---	---	---	---	---	---	0.00	30	8.9	1.3	3.1	38
8	---	---	---	---	---	---	0.00	31	1.3	1.3	3.2	40
9	---	---	---	---	---	---	0.00	33	1.3	1.3	3.4	34
10	---	---	---	---	---	---	0.00	32	1.3	1.2	3.5	35
11	---	---	---	---	---	---	0.00	31	14	1.2	3.6	43
12	---	---	---	---	---	---	0.00	29	22	1.2	3.7	40
13	---	---	---	---	---	---	0.00	29	15	1.1	3.8	37
14	---	---	---	---	---	---	0.00	28	6.5	1.1	3.9	37
15	---	---	---	---	---	---	0.00	28	1.5	1.1	4.1	33
16	---	---	---	---	---	---	0.00	29	1.5	1.0	4.2	30
17	---	---	---	---	---	---	0.00	31	1.6	1.0	4.3	33
18	---	---	---	---	---	---	0.00	31	1.7	1.0	4.4	36
19	---	---	---	---	---	---	0.00	32	13	1.1	4.5	35
20	---	---	---	---	---	---	0.00	33	34	1.2	4.6	29
21	---	---	---	---	---	---	0.00	33	31	1.2	4.8	32
22	---	---	---	---	---	---	0.15	32	35	1.3	4.9	27
23	---	---	---	---	---	---	0.67	22	36	1.4	5.0	24
24	---	---	---	---	---	---	9.0	29	29	1.5	5.1	27
25	---	---	---	---	---	---	28	24	32	1.6	5.3	0.44
26	---	---	---	---	---	0.00	32	20	28	1.7	5.4	0.26
27	---	---	---	---	---	0.00	40	20	23	1.8	5.5	0.09
28	---	---	---	---	---	0.00	39	19	26	2.0	5.6	0.00
29	---	---	---	---	---	0.00	39	25	28	2.1	5.7	0.00
30	---	---	---	---	---	0.00	35	22	23	2.2	5.8	0.00
31	---	---	---	---	---	0.00	---	12	---	2.3	19	---
TOTAL	0	0	0	0	0	0	222.82	880	451.5	57.5	142.4	797.79
MEAN	---	---	---	---	---	0.000	7.4	28.3	15.1	1.9	4.6	26.6
MAX	---	---	---	---	---	0.00	40	37	36	11	19	43
MIN	---	---	---	---	---	0.00	0.00	12	1.3	1.0	2.4	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	442	1745	896	114	282	1582
CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	43.0	MIN	0.000	AC-FT	5062						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	3.2	17	14	13
2	---	---	---	---	---	---	---	0.00	2.3	16	14	10
3	---	---	---	---	---	---	---	0.00	0.38	16	14	8.8
4	---	---	---	---	---	---	---	0.00	0.00	16	15	4.0
5	---	---	---	---	---	---	---	0.00	0.00	16	17	0.00
6	---	---	---	---	---	---	---	0.00	0.00	16	17	0.00
7	---	---	---	---	---	---	---	0.00	0.00	16	16	0.00
8	---	---	---	---	---	---	---	0.00	0.00	16	15	0.00
9	---	---	---	---	---	---	---	0.00	0.00	15	15	0.00
10	---	---	---	---	---	---	---	0.00	0.00	14	16	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	8.6	16	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	1.4	14	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	1.1	14	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	3.7	14	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	4.8	15	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	4.8	19	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	6.9	19	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	8.3	17	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	8.6	13	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	8.6	13	---
21	---	---	---	---	---	---	0.00	0.00	0.00	8.6	13	---
22	---	---	---	---	---	---	0.00	0.00	0.00	9.0	13	---
23	---	---	---	---	---	---	0.00	0.00	0.00	9.7	13	---
24	---	---	---	---	---	---	0.00	0.00	0.00	11	12	---
25	---	---	---	---	---	---	0.00	0.00	0.00	12	14	---
26	---	---	---	---	---	---	0.00	0.00	0.00	14	14	---
27	---	---	---	---	---	---	0.00	0.00	0.00	14	13	---
28	---	---	---	---	---	---	0.00	0.00	6.2	14	12	---
29	---	---	---	---	---	---	0.00	1.0	15	14	13	---
30	---	---	---	---	---	---	0.00	7.0	19	14	14	---
31	---	---	---	---	---	---	---	5.2	---	14	14	---
TOTAL	0	0	0	0	0	0	0	13.2	46.08	349.1	452	35.8
MEAN	---	---	---	---	---	---	0.000	0.43	1.6	11.2	14.5	1.9
MAX	---	---	---	---	---	---	0.00	7.0	19	17	19	13
MIN	---	---	---	---	---	---	0.00	0.00	0.00	1.1	12	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26	91	692	897	71
CAL YEAR 2006	MAX	20.0	MIN	0.000	AC-FT	2071						
WTR YEAR 2007	MAX	19.0	MIN	0.000	AC-FT	1778						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	21	0.00	62	107	0.00
2	---	---	---	---	---	---	0.00	42	0.00	95	106	0.00
3	---	---	---	---	---	---	0.00	42	0.00	122	99	0.00
4	---	---	---	---	---	---	0.00	40	0.00	126	94	0.00
5	---	---	---	---	---	---	0.00	39	17	126	94	0.00
6	---	---	---	---	---	---	0.00	38	58	126	103	0.00
7	---	---	---	---	---	---	0.00	37	58	123	102	0.00
8	---	---	---	---	---	---	0.00	35	53	122	101	0.00
9	---	---	---	---	---	---	0.00	36	54	99	102	0.00
10	---	---	---	---	---	---	0.00	37	55	88	103	0.00
11	---	---	---	---	---	---	0.00	37	55	85	104	0.00
12	---	---	---	---	---	---	0.00	37	52	70	106	---
13	---	---	---	---	---	---	0.00	37	35	35	120	---
14	---	---	---	---	---	---	0.00	37	36	40	121	---
15	---	---	---	---	---	---	0.00	39	47	40	123	---
16	---	---	---	---	---	---	0.00	43	46	40	123	---
17	---	---	---	---	---	---	0.00	45	46	43	121	---
18	---	---	---	---	---	---	0.00	45	46	60	120	---
19	---	---	---	---	---	---	0.00	45	46	98	116	---
20	---	---	---	---	---	---	0.00	45	46	136	116	---
21	---	---	---	---	---	---	0.00	45	46	135	118	---
22	---	---	---	---	---	---	0.00	44	46	134	119	---
23	---	---	---	---	---	---	0.00	43	47	136	117	---
24	---	---	---	---	---	---	0.00	50	47	135	116	---
25	---	---	---	---	---	---	0.00	58	49	136	117	---
26	---	---	---	---	---	---	0.00	60	48	134	114	---
27	---	---	---	---	---	---	0.00	61	48	136	108	---
28	---	---	---	---	---	---	0.00	61	49	132	100	---
29	---	---	---	---	---	0.00	0.00	58	50	130	87	---
30	---	---	---	---	---	0.00	0.00	105	51	121	76	---
31	---	---	---	---	---	0.00	---	5.3	---	110	42	---
TOTAL	0	0	0	0	0	0	0	1367.3	1231	3175	3295	0
MEAN	---	---	---	---	---	0.000	0.000	44.1	41.0	102.5	106.3	0.000
MAX	---	---	---	---	---	0.00	0.00	105	58	136	123	0.00
MIN	---	---	---	---	---	0.00	0.00	5.3	0.00	35	42	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2712	2442	6298	6536	0.00
CAL YEAR 2006	MAX	149.0	MIN	0.000	AC-FT	20700						
WTR YEAR 2007	MAX	136.0	MIN	0.000	AC-FT	17990						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	0.00	16	19	1.5
2	---	---	---	---	---	---	0.00	0.00	0.00	20	23	0.00
3	---	---	---	---	---	---	0.00	0.00	0.00	22	15	0.00
4	---	---	---	---	---	---	0.00	0.00	0.00	22	15	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	22	23	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	25	24	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	30	14	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	34	14	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	63	13	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	1.9	20	0.00
11	---	---	---	---	---	---	0.00	4.5	0.00	8.7	25	0.00
12	---	---	---	---	---	---	0.00	8.8	0.00	58	25	---
13	---	---	---	---	---	---	0.00	8.7	0.00	100	29	---
14	---	---	---	---	---	---	0.00	12	0.00	11	33	---
15	---	---	---	---	---	---	0.00	13	0.00	17	35	---
16	---	---	---	---	---	---	0.00	12	0.00	21	36	---
17	---	---	---	---	---	---	0.00	12	0.00	21	36	---
18	---	---	---	---	---	---	0.00	12	0.00	22	33	---
19	---	---	---	---	---	---	0.00	12	0.00	29	32	---
20	---	---	---	---	---	---	0.00	12	0.00	37	34	---
21	---	---	---	---	---	---	0.00	11	0.00	42	31	---
22	---	---	---	---	---	---	0.00	13	0.00	41	32	---
23	---	---	---	---	---	---	0.00	9.3	0.00	43	34	---
24	---	---	---	---	---	---	0.00	5.3	0.00	43	33	---
25	---	---	---	---	---	---	0.00	2.1	1.7	41	35	---
26	---	---	---	---	---	---	0.00	0.00	8.7	40	37	---
27	---	---	---	---	---	---	0.00	0.00	7.9	39	37	---
28	---	---	---	---	---	---	0.00	0.00	7.9	37	35	---
29	---	---	---	---	---	0.00	0.00	2.9	9.4	32	30	---
30	---	---	---	---	---	0.00	0.00	7.2	14	20	14	---
31	---	---	---	---	---	0.00	---	0.00	---	9.6	6.7	---
TOTAL	0	0	0	0	0	0	0	157.8	49.6	968.2	822.7	1.5
MEAN	---	---	---	---	---	0.000	0.000	5.0	1.7	31.3	26.5	0.13
MAX	---	---	---	---	---	0.00	0.00	13	14	100	37	1.5
MIN	---	---	---	---	---	0.00	0.00	0.00	0.00	1.9	6.7	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	313	98	1920	1632	3.0
CAL YEAR 2006	MAX	56.0	MIN	0.000	AC-FT	6080						
WTR YEAR 2007	MAX	100.0	MIN	0.000	AC-FT	3967						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	138	119	251	236	96
2	---	---	---	---	---	---	0.00	115	115	287	248	0.00
3	---	---	---	---	---	---	0.00	115	115	326	253	0.00
4	---	---	---	---	---	---	0.00	111	121	356	253	0.00
5	---	---	---	---	---	---	0.00	108	156	393	254	0.00
6	---	---	---	---	---	---	0.00	112	152	401	255	0.00
7	---	---	---	---	---	---	0.00	99	157	400	254	0.00
8	---	---	---	---	---	---	0.00	98	158	403	244	0.00
9	---	---	---	---	---	---	0.00	101	159	264	224	0.00
10	---	---	---	---	---	---	0.00	101	161	201	222	0.00
11	---	---	---	---	---	---	0.00	102	155	209	223	0.00
12	---	---	---	---	---	---	0.00	103	151	220	227	---
13	---	---	---	---	---	---	0.00	102	150	217	286	---
14	---	---	---	---	---	---	0.00	100	150	217	312	---
15	---	---	---	---	---	---	0.00	97	147	221	308	---
16	---	---	---	---	---	---	0.00	102	145	223	308	---
17	---	---	---	---	---	---	0.00	102	143	223	324	---
18	---	---	---	---	---	---	0.00	95	142	276	332	---
19	---	---	---	---	---	---	0.00	93	142	339	334	---
20	---	---	---	---	---	---	0.00	93	147	356	335	---
21	---	---	---	---	---	---	0.00	93	160	356	334	---
22	---	---	---	---	---	---	0.00	128	160	349	312	---
23	---	---	---	---	---	---	0.00	146	158	352	266	---
24	---	---	---	---	---	---	0.00	146	157	387	243	---
25	---	---	---	---	---	---	0.00	146	155	400	251	---
26	---	---	---	---	---	---	0.00	146	149	400	256	---
27	---	---	---	---	---	---	0.00	147	151	400	256	---
28	---	---	---	---	---	---	0.00	147	153	378	254	---
29	---	---	---	---	---	0.00	0.00	148	225	296	253	---
30	---	---	---	---	---	0.00	0.00	103	163	253	280	253
31	---	---	---	---	---	0.00	0.00	159	---	248	191	---
TOTAL	0	0	0	0	0	0	103	3656	4606	9629	8301	96
MEAN	---	---	---	---	---	0.000	3.4	118.0	153.5	310.6	267.8	8.7
MAX	---	---	---	---	---	0.00	103	163	253	403	335	96
MIN	---	---	---	---	---	0.00	0.00	93	115	201	191	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	204	7252	9136	19100	16460	190
CAL YEAR 2006	MAX	426.0	MIN	0.000	AC-FT	74190						
WTR YEAR 2007	MAX	403.0	MIN	0.000	AC-FT	52350						

PLATTE RIVER BASIN

PLATTE RIVER near Cozad, 06766500

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge estimated 4,300 cubic feet per second May 31, combined channel flow; minimum daily discharge 12 cubic feet per second June 26, 27, July 22, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	93	117	106	167	159	377	356	263	2070e	60	357	303
2	91	119	118	182	152	368	343	199	1570e	77	220	180
3	94	118	105	173	139	332	324	160	1020	25	218	136
4	97	112	103	166	155	329	288	143	704	20	222	131
5	102	109	124	184	151	335	277	223	409	23	166	105
6	107	120	142	179	160	342	268	1050	250	16	186	97
7	103	128	127	177	173	350	260	836	160	25	183	99
8	95	128	133	178	177	352	255	509	105	32	126	100
9	115	122	151	186	170	356	254	363	64	652	93	93
10	129	111	154	175	167	349	184	270	35	367	63	134
11	124	112	147	181	169	334	218	199	23	143	35	126
12	120	122	151	125	170	325	232	145	25	88	27	114
13	120	128	151	135	145	319	240	111	217	644	45	103
14	122	131	148	124	124	316	252	89	686	213	48	86
15	127	129	142	132	116	297	256	59	884	91	40	88
16	126	118	151	139	130	283	250	69	1240	70	41	83
17	132	122	150	153	137	278	189	77	905	56	42	85
18	122	128	144	172	165	267	168	69	463	27	33	80
19	120	127	132	169	203	261	165	57	250	31	38	77
20	127	124	170	159	254	254	157	43	145	55	37	75
21	114	121	201	161	331	249	167	32	80	30	35	79
22	109	125	198	162	475	243	180	94	53	12	50	70
23	103	134	183	156	647	235	200	944	38	20	85	68
24	104	140	179	163	677	257	306	113	25	46	98	65
25	111	137	166	169	554	299	592	81	18	26	76	65
26	122	128	181	180	458	293	1070	67	12	32	63	65
27	124	122	190	187	414	298	1220	52	12	31	43	63
28	121	125	189	175	387	299	1010	40	14	94	33	69
29	114	117	174	163	---	310	741	94	19	176	37	84
30	106	106	103	164	---	329	435	1790e	34	184	60	98
31	107	---	128	165	---	352	---	1640e	---	325	154	---
TOTAL	3501	3680	4641	5101	7159	9588	10857	9881	11530	3691	2954	3021
MEAN	112.9	122.7	149.7	164.5	255.7	309.3	362.0	318.6	384.0	119.1	95.3	100.7
MAX	132	140	201	187	677	377	1220	1790	2070	652	357	303
MIN	91	106	103	124	116	235	157	32	12	12	27	63
AC-FT	6944	7299	9205	10120	14200	19020	21530	19600	22870	7321	5859	5992
CAL YEAR 2006	TOTAL		38541	MEAN	105.6	MAX	300.0	MIN	13.0	AC-FT	76440	
WTR YEAR 2007	TOTAL		75604	MEAN	207.1	MAX	2070	MIN	12.0	AC-FT	150000	

e indicates estimated discharge.

PLATTE RIVER BASIN

PLUM CREEK near Smithfield, 06767500

LOCATION.--SEL/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.

REMARKS.--Records are fair, 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 306 cubic feet per second August 23, gage height 10.39 feet; maximum gage height 12.47 feet February 27 due to ice conditions; minimum daily discharge 1.3 cubic feet per second August 17 & 20.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.0	7.7	3.3	10	12	50e	17	3.8	21	8.8	9.1	4.7
2	5.8	7.7	6.1	10.0	7.8	50e	15	3.9	14	9.3	9.9	5.2
3	5.8	7.9	4.9	7.9	8.2	35e	13	4.5	28	10.0	10.0	5.8
4	5.1	8.3	1.6	8.3	5.9	17	12	5.4	31	72	8.2	6.5
5	4.8	8.7	4.0	9.1	4.6	10	11	6.7	16	23	7.7	7.2
6	5.1	8.8	6.8	17	8.2	14	11	8.7	7.5	16	7.4	8.1
7	5.4	9.0	11	16	7.6	15	11	11	5.9	10	71	8.2
8	5.7	9.1	1.6	13	7.1	13	11	10	5.0	8.5	56	8.2
9	7.2	9.0	4.6	11	6.8	13	11	11	4.5	60	42	7.7
10	8.2	8.6	5.5	16	7.1	13	12	11	4.3	43	27	8.2
11	9.5	8.1	8.4	9.7	5.6	13	12	10	4.0	53	7.6	9.6
12	8.3	7.5	6.4	18	5.2	12	12	9.9	4.1	68	4.3	8.8
13	7.7	7.9	6.5	17e	6.0e	12	11	9.5	32	95	3.3	8.1
14	7.3	7.9	5.2	17e	6.0e	12	11	9.0	115	120	3.1	7.8
15	7.3	8.0	6.3	17e	8.0e	11	11	8.5	41	126	2.6	7.6
16	7.7	7.9	5.1	17e	8.0e	11	10	8.5	35	59	1.8	7.7
17	8.2	7.6	5.1	16e	10e	10	8.2	8.5	26	32	1.3	8.1
18	8.3	7.1	4.9	16e	10e	10	6.2	8.8	13	17	1.4	8.3
19	8.1	6.7	5.3	13e	15e	10	6.2	8.4	8.9	13	1.8	8.2
20	7.6	6.3	7.0	11	20e	10	4.0	7.8	8.5	12	1.3	7.8
21	7.5	6.2	6.4	11	30e	10	2.9	7.5	8.0	12	16	7.7
22	7.3	6.3	7.5	11	40e	10	4.6	7.5	8.0	14	219	7.7
23	7.1	6.2	6.9	11	50e	10	6.1	8.7	8.2	11	286	7.6
24	7.1	6.0	7.8	11	50e	10	73	14	8.6	11	220	7.8
25	7.1	5.8	9.4	11	65e	11	100	8.6	8.8	11	49	7.9
26	7.3	5.7	10	12	65e	16	54	7.1	8.8	8.7	7.2	7.8
27	7.3	5.5	10.0	14	65e	13	16	6.9	8.5	7.1	4.4	7.9
28	7.4	5.4	7.2	16	54	12	5.7	6.7	8.8	12	3.8	8.0
29	7.5	5.9	8.5	4.9	---	15	4.1	6.7	8.7	146	3.7	7.9
30	7.7	6.1	16	6.7	---	14	4.0	21	8.5	29	3.8	9.0
31	7.8	---	12	7.3	---	15	---	32	---	12	4.3	---
TOTAL	220.2	218.9	211.3	385.9	588.1	477	486	291.6	509.6	1129.4	1094	231.1
MEAN	7.1	7.3	6.9	12.5	21.0	15.4	16.1	9.4	17.0	36.3	35.3	7.7
MAX	9.5	9.1	16	18	65	50	100	32	115	146	286	9.6
MIN	4.8	5.4	1.6	4.9	4.6	10	2.9	3.8	4.0	7.1	1.3	4.7
AC-FT	437	434	419	765	1166	946	964	578	1011	2240	2170	458
CAL YEAR 2006	TOTAL		2927	MEAN	8.0	MAX	130.0	MIN	0.82	AC-FT	5806	
WTR YEAR 2007	TOTAL		5843	MEAN	16.0	MAX	286.0	MIN	1.3	AC-FT	11590	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	276	303	0.00	---	---	---	35	300	91	319	307	309
2	248	297	0.00	---	---	---	36	288	84	318	316	308
3	277	279	0.00	---	---	---	35	288	71	317	303	301
4	286	302	0.00	---	---	---	79	281	58	313	309	300
5	287	307	0.00	---	---	---	132	282	55	314	311	272
6	267	299	0.00	---	---	---	178	289	53	310	313	228
7	285	301	---	---	---	---	221	302	47	310	315	223
8	263	296	---	---	---	---	262	342	110	311	319	217
9	282	302	---	---	---	---	265	315	216	316	318	217
10	287	296	---	---	---	---	298	322	286	334	309	226
11	287	289	---	---	---	---	282	316	278	337	291	243
12	285	291	---	---	---	---	301	320	290	328	262	253
13	287	272	---	---	---	---	303	286	296	317	237	253
14	282	302	---	---	---	---	293	306	273	331	264	253
15	288	294	---	---	---	---	282	307	298	331	303	253
16	279	275	---	---	---	---	284	281	315	327	313	237
17	254	301	---	---	---	---	293	301	311	318	310	232
18	287	296	---	---	---	---	293	301	309	314	310	233
19	286	301	---	---	---	---	285	295	307	312	310	232
20	275	292	---	---	---	---	290	293	308	312	310	233
21	249	271	---	---	---	106	292	299	304	313	314	225
22	252	300	---	---	---	49	286	211	301	312	313	219
23	243	298	---	---	---	8.8	286	107	299	312	312	196
24	287	294	---	---	---	7.7	298	104	293	310	311	189
25	274	302	---	---	---	38	307	101	313	311	314	189
26	247	293	---	---	---	103	298	100	311	310	313	188
27	241	280	---	---	---	108	317	101	310	310	311	187
28	285	300	---	---	---	87	313	101	310	308	311	156
29	275	179	---	---	---	41	305	101	312	308	311	75
30	257	0.00	---	---	---	37	307	102	316	308	310	8.4
31	302	---	---	---	---	36	---	98	---	311	309	---
TOTAL	8480	8412	0	0	0	621.5	7456	7440	7125	9802	9459	6655.4
MEAN	273.5	280.4	0.000	---	---	56.6	248.6	239.9	237.5	316.2	305.2	221.9
MAX	302	307	0.00	---	---	108	317	342	316	337	319	309
MIN	241	0.00	0.00	---	---	7.7	35	98	47	308	237	8.4
AC-FT	16820	16680	0.00	0.00	0.00	1233	14790	14760	14130	19440	18760	13200
CAL YEAR 2006	MAX	312.0	MIN	0.000	AC-FT	106600						
WTR YEAR 2007	MAX	342.0	MIN	0.000	AC-FT	129800						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	227	278	---	---	---	---	0.00	287	82	295	315	233
2	245	276	---	---	---	---	0.00	267	79	297	225	280
3	227	271	---	---	---	---	0.00	263	70	299	238	248
4	252	264	---	---	---	---	0.00	265	58	288	281	238
5	258	288	---	---	---	---	43	307	53	301	237	228
6	268	282	---	---	---	---	94	250	51	282	278	173
7	245	280	---	---	---	---	128	307	46	276	311	198
8	246	283	---	---	---	---	169	330	46	274	299	154
9	244	281	---	---	---	---	175	319	125	288	239	172
10	263	255	---	---	---	---	117	307	228	298	274	231
11	260	289	---	---	---	---	161	305	309	299	229	204
12	257	265	---	---	---	---	196	303	258	303	217	224
13	257	260	---	---	---	---	247	263	332	286	170	224
14	258	271	---	---	---	---	258	304	372	291	177	225
15	259	285	---	---	---	---	272	299	339	294	212	223
16	260	268	---	---	---	---	280e	258	334	298	231	215
17	239	268	---	---	---	---	290e	286	320	286	233	213
18	242	269	---	---	---	---	290e	288	320	272	230	203
19	260	263	---	---	---	---	285e	278	307	268	226	205
20	255	256	---	---	---	---	290e	267	305	267	215	205
21	229	232	---	---	---	0.00	290e	274	301	242	217	198
22	223	232	---	---	---	0.00	285e	245	295	266	231	184
23	208	238	---	---	---	0.00	285e	111	298	263	233	164
24	244	229	---	---	---	0.00	295e	90	288	245	233	162
25	254	225	---	---	---	0.00	300e	82	287	221	237	157
26	229	217	---	---	---	0.00	300e	78	300	231	242	157
27	213	200	---	---	---	0.00	315e	78	296	270	238	156
28	241	198	---	---	---	0.00	313e	78	297	251	233	156
29	256	160	---	---	---	0.00	305e	86	293	370	240	107
30	222	33	---	---	---	0.00	305e	101	292	298	238	34
31	272	---	---	---	---	0.00	---	88	---	263	261	---
TOTAL	7613	7416	0	0	0	0	6288	7064	6981	8682	7440	5771
MEAN	245.6	247.2	---	---	---	0.000	209.6	227.9	232.6	280.0	240.1	192.3
MAX	272	289	---	---	---	0.00	315	330	372	370	315	280
MIN	208	33	---	---	---	0.00	0.00	78	46	221	170	34
AC-FT	15100	14710	0.00	0.00	0.00	0.00	12470	14010	13850	17220	14760	11450
CAL YEAR 2006	MAX	297.0	MIN	0.000	AC-FT	89380						
WTR YEAR 2007	MAX	372.0	MIN	0.000	AC-FT	113600						

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 4,780 cubic feet per second June 2, gage height 5.23 feet; maximum gage height 5.76 feet February 25 due to ice conditions; minimum daily discharge 12 cubic feet per second October 23.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	181	432	1270	326	297e	1310	1810	1630	3660	129	809	105
2	76	90	334	308	821e	1350	1920	1380	4120	118	1290	103
3	311	28	251	291	148e	1410	1750	618	3690	151	1310	111
4	447	330	226	353	1120e	1350	1560	838	2750	365	1030	85
5	436	496	194	1010	384e	549	699	1020	2000	529	965	70
6	95	112	735	454	313e	1170	1450	658	1570	424	1060	64
7	384	394	238	400	1100e	1140	1360	715	1350	331	1200	66
8	89	109	208	391	371e	524	1270	1670	1120	327	1320	60
9	269	431	679	1030	1120e	1220	498	1740	932	432	1110	58
10	393	84	256	493	1120e	1290	1050	1390	795	1070	897	86
11	431	508	211	414	343e	1240	438	523	663	1440	746	94
12	104	93	675	537e	272e	545	1020	902	626	1280	658	83
13	351	39	264	135e	113e	1300	1150	386	979	958	612	76
14	68	459	698	1180e	653e	1230	1100	285	1540	1330	578	69
15	385	108	274	606e	282e	610	371	740	1830	1450	566	66
16	78	41	227	342e	828e	1240	313	293	2180	1520	548	65
17	35	461	690	1860e	1280e	1230	990	409	2490	1210	544	71
18	266	98	283	994e	526e	525	989	601	2610	797	306	69
19	313	402	236	811e	605e	721	297	466	1990	611	246	66
20	51	75	821	1520e	2130e	1220	773	472	1390	558	223	67
21	20	42	391	697e	1820e	1320	822	351	1090	579	205	67
22	14	446	1390	418e	2630e	567	326	311	930	589	379	64
23	12	347	2060	1410e	2190e	539	363	369	1040	563	557	61
24	317	90	839	636e	2360e	1450	2110	401	790	480	441	61
25	47	484	403	457e	3890e	1450	4020	437	598	414	370	63
26	19	85	372	1370e	2790e	673	3020	414	455	385	272	62
27	16	32	353	406e	2360e	1390	3080	358	226	350	195	62
28	321	411	339	1070e	1690	1570	2620	326	179	361	149	74
29	57	88	919	379e	---	1730	2380	343	163	760	154	476
30	22	293	1160	246e	---	978	1850	1360	146	873	240	300
31	302	---	499	1060e	---	1780	---	2450	---	973	134	---
TOTAL	5910	7108	17495	21604	33556	34621	41399	23856	43902	21357	19114	2824
MEAN	190.5	237.0	564.3	697.0	1198	1117	1380	769.6	1463	689.4	616.4	94.1
MAX	447	508	2060	1860	3890	1780	4020	2450	4120	1520	1320	476
MIN	12	28	194	135	113	524	297	285	146	118	134	58
AC-FT	11720	14100	34700	42850	66560	68670	82110	47320	87080	42360	37910	5601
CAL YEAR 2006 TOTAL			91535	MEAN	250.8	MAX	2060	MIN	0.000	AC-FT	181600	
WTR YEAR 2007 TOTAL			272746	MEAN	747.2	MAX	4120	MIN	12.0	AC-FT	541000	

e indicates estimated discharge.

PLATTE RIVER BASIN

WOOD RIVER near Alda, 06772000

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

DRAINAGE AREA.--628 Square miles.

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

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, 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 364 cubic feet per second February 23, gage height 10.09 feet; minimum daily discharge zero November 29 - December 11 and January 9 - February 19.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.32	0.14e	0.00	0.75e	0.00	335	6.5	24	199	8.5	16	2.2
2	0.41	0.18e	0.00	0.71e	0.00	285	2.9	16	34	6.7	35	3.7
3	0.43	0.22e	0.00	0.15	0.00	196	24	11	17	7.1	25	4.1
4	0.29	0.51	0.00	4.6	0.00	76	13	10	12	9.1	27	4.2
5	0.09	0.63	0.00	4.4	0.00	40	6.3	13	8.8	11	19	3.2
6	0.04	0.74	0.00	2.1	0.00	28	3.5	22	12	12	12	1.7
7	0.00	0.78	0.00	0.49	0.00	20	2.5	40	10.0	11	13	0.95
8	0.00	1.2	0.00	0.04	0.00	15	1.9	17	18	11	22	1.2
9	0.00	1.1	0.00	0.00	0.00	12	1.5	25	14	12	30	3.2
10	0.00	0.82	0.00	0.00	0.00	8.1	1.3	15	11	21	29	3.3
11	0.85	0.68	0.00	0.00	0.00	5.4	1.2	11	8.2	18	25	3.0
12	1.6	0.65	0.03	0.00	0.00	3.9	0.67	7.4	6.2	13	27	2.3
13	2.7	0.56	0.16	0.00	0.00	2.9	1.2	4.9	9.6	10	27	2.2
14	1.4	0.61	0.43	0.00	0.00	2.0	1.3	4.0	8.6	9.0	18	1.1
15	1.5	0.53	1.4	0.00	0.00	1.8	1.3	7.7	13	13	14	0.76
16	0.96	0.53	2.2	0.00	0.00	7.6	1.2	12	13	16	8.9	0.81
17	0.82	0.46	2.4	0.00	0.00	4.7	0.72	9.2	7.7	13	9.7	0.63
18	0.61	0.37	1.6	0.00	0.00	3.1	1.5	6.5	53	12	12	0.50
19	0.61	0.63	1.2	0.00	0.00	2.0	1.4	4.5	55	12	12	0.28
20	0.59	0.36	1.5e	0.00	1.8	1.1	1.6	3.9	25	14	9.9	0.37
21	0.48	0.21	2.3e	0.00	39	0.74	1.4	3.3	14	11	8.7	0.38
22	0.50	0.24	2.0e	0.00	270	0.28	2.2	2.7	11	11	13	0.26
23	0.37	0.26	2.0e	0.00	353	0.12	2.0	45	11	14	34	0.24
24	0.33	0.18	1.7e	0.00	351	0.04	51	171	11	13	9.3	0.15
25	0.49	0.14	2.5e	0.00	294	0.04	101	64	10	14	9.0	0.10
26	0.81	0.03e	1.0e	0.00	227	0.63	250	18	7.9	15	9.7	0.11
27	0.65	0.02e	1.0e	0.00	227	0.91	315	6.6	6.2	15	6.3	0.24
28	0.49	0.01e	1.4e	0.00	302	0.41	155	3.5	5.8	14	3.7	0.24
29	0.86	0.00	0.78e	0.00	---	0.90	67	3.1	5.4	25	2.8	0.25
30	0.62	0.00	0.90e	0.00	---	1.8	39	54	6.9	16	2.4	0.25
31	0.20e	---	0.70e	0.00	---	4.9	---	229	---	17	2.1	---
TOTAL	19.02	12.79	27.2	13.24	2064.8	1060.37	1059.09	864.3	624.3	404.4	492.5	41.92
MEAN	0.62	0.43	0.88	0.43	73.7	34.2	35.3	27.9	20.8	13.1	15.9	1.4
MAX	2.7	1.2	2.5	4.6	353	335	315	229	199	25	35	4.2
MIN	0.00	0.00	0.00	0.00	0.00	0.04	0.67	2.7	5.4	6.7	2.1	0.10
AC-FT	38	25	54	26	4095	2103	2101	1714	1238	802	977	83
CAL YEAR 2006 TOTAL			972	MEAN	2.7	MAX	99.0	MIN	0.000	AC-FT	1928	
WTR YEAR 2007 TOTAL			6684	MEAN	18.3	MAX	353.0	MIN	0.000	AC-FT	13260	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	95	150	116
2	---	---	---	---	---	---	---	---	0.00	112	153	116
3	---	---	---	---	---	---	---	---	0.00	131	136	116
4	---	---	---	---	---	---	---	---	0.00	136	123	122
5	---	---	---	---	---	---	---	---	0.00	167	117	124
6	---	---	---	---	---	---	---	---	60	187	130	119
7	---	---	---	---	---	---	---	---	78	211	164	98
8	---	---	---	---	---	---	---	---	72	215	200	76
9	---	---	---	---	---	---	---	---	70	225	212	71
10	---	---	---	---	---	---	---	---	70	226	206	55
11	---	---	---	---	---	---	---	---	70	222	175	46
12	---	---	---	---	---	---	---	---	70	208	161	47
13	---	---	---	---	---	---	---	---	71	201	116	46
14	---	---	---	---	---	---	---	---	68	192	115	46
15	---	---	---	---	---	---	---	---	69	190	140	45
16	---	---	---	---	---	---	---	---	68	173	139	45
17	---	---	---	---	---	---	---	---	69	165	136	13
18	---	---	---	---	---	---	---	---	70	170	84	---
19	---	---	---	---	---	---	---	---	70	110	61	---
20	---	---	---	---	---	---	---	---	69	60	65	---
21	---	---	---	---	---	---	---	---	69	66	68	---
22	---	---	---	---	---	---	---	---	70	70	120	---
23	---	---	---	---	---	---	---	---	70	103	84	---
24	---	---	---	---	---	---	---	---	71	174	60	---
25	---	---	---	---	---	---	---	---	71	215	54	---
26	---	---	---	---	---	---	---	---	70	222	54	---
27	---	---	---	---	---	---	---	---	71	211	53	---
28	---	---	---	---	---	---	---	---	75	191	59	---
29	---	---	---	---	---	---	---	---	81	185	65	---
30	---	---	---	---	---	---	---	---	93	152	82	---
31	---	---	---	---	---	---	---	---	---	145	111	---
TOTAL	0	0	0	0	0	0	0	0	1785	5130	3593	1301
MEAN	---	---	---	---	---	---	---	---	59.5	165.6	115.9	76.6
MAX	---	---	---	---	---	---	---	---	93	226	212	124
MIN	---	---	---	---	---	---	---	---	0.00	60	53	13
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3540	10180	7127	2580
CAL YEAR 2006	MAX	265.0	MIN	0.000	AC-FT	33550						
WTR YEAR 2007	MAX	226.0	MIN	0.000	AC-FT	23420						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	24	33	30
2	---	---	---	---	---	---	---	0.00	0.00	25	34	31
3	---	---	---	---	---	---	---	7.8	0.00	28	36	33
4	---	---	---	---	---	---	---	15	0.00	31	39	35
5	---	---	---	---	---	---	---	16	0.00	32	38	37
6	---	---	---	---	---	---	---	15	0.00	36	37	37
7	---	---	---	---	---	---	---	14	0.00	40	37	37
8	---	---	---	---	---	---	---	14	0.00	41	37	31
9	---	---	---	---	---	---	---	13	0.00	42	36	23
10	---	---	---	---	---	---	---	13	0.00	41	36	17
11	---	---	---	---	---	---	---	13	0.00	44	32	13
12	---	---	---	---	---	---	---	12	0.00	45	25	13
13	---	---	---	---	---	---	---	12	0.00	45	24	12
14	---	---	---	---	---	---	---	12	0.00	44	24	12
15	---	---	---	---	---	---	0.00	12	0.00	43	25	12
16	---	---	---	---	---	---	0.00	12	0.00	41	29	12
17	---	---	---	---	---	---	0.00	13	0.00	42	32	11
18	---	---	---	---	---	---	0.00	13	8.2	42	34	11
19	---	---	---	---	---	---	0.00	13	14	40	35	---
20	---	---	---	---	---	---	0.00	13	12	39	35	---
21	---	---	---	---	---	---	0.00	13	12	39	36	---
22	---	---	---	---	---	---	0.00	13	11	40	31	---
23	---	---	---	---	---	---	0.00	13	9.7	40	16	---
24	---	---	---	---	---	---	0.00	13	9.0	41	15	---
25	---	---	---	---	---	---	0.00	13	10	41	14	---
26	---	---	---	---	---	---	0.00	13	11	41	13	---
27	---	---	---	---	---	---	0.00	13	12	41	12	---
28	---	---	---	---	---	---	0.00	13	13	40	15	---
29	---	---	---	---	---	---	0.00	13	14	38	24	---
30	---	---	---	---	---	---	0.00	7.7	20	36	29	---
31	---	---	---	---	---	---	---	0.00	---	34	30	---
TOTAL	0	0	0	0	0	0	0	357.5	155.9	1196	893	407
MEAN	---	---	---	---	---	---	0.000	11.5	5.2	38.5	28.7	22.6
MAX	---	---	---	---	---	---	0.00	16	20	45	39	37
MIN	---	---	---	---	---	---	0.00	0.00	0.00	24	12	11
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	709	309	2372	1771	807
CAL YEAR 2006	MAX	41.0	MIN	0.000	AC-FT	7071						
WTR YEAR 2007	MAX	45.0	MIN	0.000	AC-FT	5969						

**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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	0.00	---
2	---	---	---	---	---	---	---	---	---	0.00	0.00	---
3	---	---	---	---	---	---	---	---	---	0.00	0.00	---
4	---	---	---	---	---	---	---	---	---	0.00	5.6	---
5	---	---	---	---	---	---	---	---	---	0.00	9.0	---
6	---	---	---	---	---	---	---	---	---	0.00	9.0	---
7	---	---	---	---	---	---	---	---	---	0.00	9.0	---
8	---	---	---	---	---	---	---	---	---	0.00	9.0	---
9	---	---	---	---	---	---	---	---	---	2.2	9.0	---
10	---	---	---	---	---	---	---	---	---	9.0	9.0	---
11	---	---	---	---	---	---	---	---	---	9.0	2.6	---
12	---	---	---	---	---	---	---	---	---	9.0	0.00	---
13	---	---	---	---	---	---	---	---	---	9.0	0.00	---
14	---	---	---	---	---	---	---	---	---	9.0	0.00	---
15	---	---	---	---	---	---	---	---	---	7.1	0.00	---
16	---	---	---	---	---	---	---	---	---	0.00	0.00	---
17	---	---	---	---	---	---	---	---	---	0.00	0.00	---
18	---	---	---	---	---	---	---	---	---	0.00	0.00	---
19	---	---	---	---	---	---	---	---	---	0.00	0.00	---
20	---	---	---	---	---	---	---	---	---	0.00	0.00	---
21	---	---	---	---	---	---	---	---	---	0.00	0.00	---
22	---	---	---	---	---	---	---	---	---	0.00	0.00	---
23	---	---	---	---	---	---	---	---	---	0.00	0.00	---
24	---	---	---	---	---	---	---	---	---	0.00	0.00	---
25	---	---	---	---	---	---	---	---	---	5.2	0.00	---
26	---	---	---	---	---	---	---	---	---	9.0	0.00	---
27	---	---	---	---	---	---	---	---	---	9.0	0.00	---
28	---	---	---	---	---	---	---	---	---	3.4	0.00	---
29	---	---	---	---	---	---	---	---	---	0.00	0.00	---
30	---	---	---	---	---	---	---	---	---	0.00	0.00	---
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	80.9	62.2	0
MEAN	---	---	---	---	---	---	---	---	---	2.6	2.0	---
MAX	---	---	---	---	---	---	---	---	---	9.0	9.0	---
MIN	---	---	---	---	---	---	---	---	---	0.00	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160	123	0.00
CAL YEAR 2006	MAX	9.0	MIN	0.000	AC-FT	639						
WTR YEAR 2007	MAX	9.0	MIN	0.000	AC-FT	284						

**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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	19	27	22
2	---	---	---	---	---	---	---	0.00	0.00	19	29	24
3	---	---	---	---	---	---	---	0.00	0.00	22	32	30
4	---	---	---	---	---	---	---	0.00	0.00	24	33	39
5	---	---	---	---	---	---	---	0.00	0.00	25	33	41
6	---	---	---	---	---	---	---	0.00	0.00	30	31	42
7	---	---	---	---	---	---	---	0.00	0.00	36	31	41
8	---	---	---	---	---	---	---	0.00	0.00	41	32	40
9	---	---	---	---	---	---	---	0.00	0.00	44	32	28
10	---	---	---	---	---	---	---	0.00	0.00	46	36	21
11	---	---	---	---	---	---	---	0.00	0.00	47	37	19
12	---	---	---	---	---	---	---	0.00	0.00	47	31	19
13	---	---	---	---	---	---	---	0.00	0.00	47	23	18
14	---	---	---	---	---	---	---	0.00	0.00	47	23	19
15	---	---	---	---	---	---	0.00	0.00	0.00	43	21	18
16	---	---	---	---	---	---	0.00	19	0.00	30	25	18
17	---	---	---	---	---	---	0.00	21	0.00	37	26	17
18	---	---	---	---	---	---	0.00	19	0.00	38	28	16
19	---	---	---	---	---	---	0.00	19	0.00	34	28	16
20	---	---	---	---	---	---	0.00	18	0.00	31	28	16
21	---	---	---	---	---	---	0.00	18	0.00	30	27	16
22	---	---	---	---	---	---	0.00	16	0.00	30	23	16
23	---	---	---	---	---	---	0.00	8.9	0.00	30	15	16
24	---	---	---	---	---	---	0.00	12	0.00	30	15	25
25	---	---	---	---	---	---	0.00	13	13	38	15	32
26	---	---	---	---	---	---	0.00	13	19	41	16	32
27	---	---	---	---	---	---	0.00	8.6	17	41	16	30
28	---	---	---	---	---	---	0.00	0.00	17	40	16	23
29	---	---	---	---	---	---	0.00	0.00	17	33	18	15
30	---	---	---	---	---	---	0.00	0.00	18	31	19	15
31	---	---	---	---	---	---	---	0.00	---	29	19	---
TOTAL	0	0	0	0	0	0	0	185.5	101	1080	785	724
MEAN	---	---	---	---	---	---	0.000	6.0	3.4	34.8	25.3	24.1
MAX	---	---	---	---	---	---	0.00	21	19	47	37	42
MIN	---	---	---	---	---	---	0.00	0.00	0.00	19	15	15
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	368	200	2142	1557	1436
CAL YEAR 2006	MAX	51.0	MIN	0.000	AC-FT	8495						
WTR YEAR 2007	MAX	47.0	MIN	0.000	AC-FT	5703						

**PLATTE RIVER BASIN
(Loup River)**

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

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	41	0.00	86	91	100
2	---	---	---	---	---	---	---	38	0.00	96	101	98
3	---	---	---	---	---	---	---	37	0.00	115	121	98
4	---	---	---	---	---	---	---	36	0.00	168	118	97
5	---	---	---	---	---	---	---	37	0.00	158	118	97
6	---	---	---	---	---	---	---	35	0.00	146	117	97
7	---	---	---	---	---	---	---	34	0.00	142	114	97
8	---	---	---	---	---	---	---	34	0.00	134	88	98
9	---	---	---	---	---	---	---	34	0.00	137	66	100
10	---	---	---	---	---	---	---	34	0.00	132	84	67
11	---	---	---	---	---	---	---	34	0.00	138	93	35
12	---	---	---	---	---	---	---	34	0.00	148	94	33
13	---	---	---	---	---	---	---	35	10	135	108	33
14	---	---	---	---	---	---	---	35	33	144	125	33
15	---	---	---	---	---	---	0.00	32	32	139	128	33
16	---	---	---	---	---	---	0.00	30	31	142	126	33
17	---	---	---	---	---	---	0.00	40	30	135	122	33
18	---	---	---	---	---	---	0.00	48	31	144	122	18
19	---	---	---	---	---	---	0.00	49	30	145	121	---
20	---	---	---	---	---	---	0.00	49	29	140	117	---
21	---	---	---	---	---	---	0.00	50	29	137	121	---
22	---	---	---	---	---	---	0.00	43	33	127	117	---
23	---	---	---	---	---	---	0.00	32	40	124	69	---
24	---	---	---	---	---	---	0.00	32	40	131	66	---
25	---	---	---	---	---	---	0.00	32	41	138	66	---
26	---	---	---	---	---	---	0.00	32	42	138	66	---
27	---	---	---	---	---	---	0.00	31	46	147	75	---
28	---	---	---	---	---	---	0.00	31	56	142	83	---
29	---	---	---	---	---	---	0.00	31	70	128	84	---
30	---	---	---	---	---	---	59	18	73	101	87	---
31	---	---	---	---	---	---	---	0.00	---	99	93	---
TOTAL	0	0	0	0	0	0	59	1078	696	4136	3101	1200
MEAN	---	---	---	---	---	---	3.7	34.7	23.3	133.4	100.0	66.8
MAX	---	---	---	---	---	---	59	50	73	168	128	100
MIN	---	---	---	---	---	---	0.00	0.00	0.00	86	66	18
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	117	2138	1380	8204	6151	2380
CAL YEAR 2006	MAX	160.0	MIN	0.000	AC-FT	26900						
WTR YEAR 2007	MAX	168.0	MIN	0.000	AC-FT	20370						

**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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	78	81	70
2	---	---	---	---	---	---	---	0.00	0.00	85	89	70
3	---	---	---	---	---	---	---	0.00	0.00	94	99	68
4	---	---	---	---	---	---	---	0.00	0.00	107	99	68
5	---	---	---	---	---	---	---	0.00	0.00	111	102	68
6	---	---	---	---	---	---	---	0.00	0.00	111	105	69
7	---	---	---	---	---	---	---	0.00	0.00	117	96	69
8	---	---	---	---	---	---	---	40	0.00	121	87	69
9	---	---	---	---	---	---	---	49	0.00	120	64	69
10	---	---	---	---	---	---	---	32	0.00	118	37	63
11	---	---	---	---	---	---	---	33	0.00	124	65	51
12	---	---	---	---	---	---	---	33	0.00	124	69	49
13	---	---	---	---	---	---	---	33	0.00	121	68	48
14	---	---	---	---	---	---	---	34	0.00	120	96	48
15	---	---	---	---	---	---	0.00	33	0.00	120	105	48
16	---	---	---	---	---	---	0.00	31	0.00	119	113	48
17	---	---	---	---	---	---	0.00	30	0.00	118	113	39
18	---	---	---	---	---	---	0.00	29	0.00	115	113	8.7
19	---	---	---	---	---	---	0.00	29	0.00	116	111	---
20	---	---	---	---	---	---	0.00	29	32	115	113	---
21	---	---	---	---	---	---	0.00	29	46	114	114	---
22	---	---	---	---	---	---	0.00	30	44	116	94	---
23	---	---	---	---	---	---	0.00	32	38	117	40	---
24	---	---	---	---	---	---	0.00	32	39	114	34	---
25	---	---	---	---	---	---	0.00	33	41	123	47	---
26	---	---	---	---	---	---	0.00	34	42	129	48	---
27	---	---	---	---	---	---	0.00	35	43	129	58	---
28	---	---	---	---	---	---	0.00	36	59	129	72	---
29	---	---	---	---	---	---	0.00	37	64	116	75	---
30	---	---	---	---	---	---	0.00	20	64	95	76	---
31	---	---	---	---	---	---	---	0.00	---	86	72	---
TOTAL	0	0	0	0	0	0	0	753	512	3522	2555	1022.7
MEAN	---	---	---	---	---	---	0.000	24.4	17.1	113.5	82.4	56.7
MAX	---	---	---	---	---	---	0.00	49	64	129	114	70
MIN	---	---	---	---	---	---	0.00	0.00	0.00	78	34	8.7
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1494	1016	6986	5068	2028
CAL YEAR 2006	MAX	134.0	MIN	0.000	AC-FT	21440						
WTR YEAR 2007	MAX	129.0	MIN	0.000	AC-FT	16590						

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	371	---	---	---	---	0.00	413	209	503	301	20
2	---	388	---	---	---	---	76	415	211	497	207	22
3	---	375	---	---	---	---	189	414	208	477	208	24
4	---	392	---	---	---	---	274	411	208	414	209	24
5	---	405	---	---	---	---	351	410	272	406	205	23
6	---	411	---	---	---	---	404	411	311	357	134	20
7	---	410	---	---	---	---	389	406	306	326	50	20
8	---	401	---	---	---	---	384	412	351	284	51	25
9	---	411	---	---	---	---	399	415	383	259	48	26
10	---	426	---	---	---	---	380	417	384	260	54	24
11	---	401	---	---	---	---	414	416	381	273	50	27
12	---	394	---	---	---	---	383	412	381	269	49	20
13	---	410	---	---	---	---	413	417	379	292	51	20
14	---	380	---	---	---	---	413	418	335	307	59	19
15	---	137	---	---	---	---	411	351	304	306	55	19
16	---	0.00	---	---	---	---	194	311	305	324	56	19
17	---	---	---	---	---	---	415	250	304	376	55	19
18	---	---	---	---	---	---	414	216	243	354	54	5.9
19	---	---	---	---	---	---	412	215	205	383	54	---
20	---	---	---	---	---	---	413	214	205	382	55	---
21	---	---	---	---	---	---	417	215	256	382	57	---
22	---	---	---	---	---	---	418	212	310	381	60	---
23	---	---	---	---	---	---	412	216	305	375	30	---
24	---	---	---	---	---	---	414	214	307	333	13	---
25	---	---	---	---	---	---	415	214	363	300	13	---
26	---	---	---	---	---	---	420	209	404	267	13	---
27	87	---	---	---	---	---	416	208	461	300	21	---
28	113	---	---	---	---	---	416	217	508	376	25	---
29	161	---	---	---	---	---	418	216	505	385	28	---
30	248	---	---	---	---	---	412	208	508	384	28	---
31	337	---	---	---	---	---	---	206	---	382	27	---
TOTAL	946	5712	0	0	0	0	10886	9679	9812	10914	2320	376.9
MEAN	189.2	356.9	---	---	---	---	362.8	312.3	327.1	352.0	74.8	20.9
MAX	337	426	---	---	---	---	420	418	508	503	301	27
MIN	87	0.00	---	---	---	---	0.00	206	205	259	13	5.9
AC-FT	1876	11330	0.00	0.00	0.00	0.00	21590	19200	19460	21650	4602	748
CAL YEAR 2006	MAX	468.0	MIN	0.000	AC-FT	105100						
WTR YEAR 2007	MAX	508.0	MIN	0.000	AC-FT	100500						

**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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	11	0.00	---
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
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	2.9	0.00	---
8	---	---	---	---	---	---	---	39	0.00	9.9	0.00	---
9	---	---	---	---	---	---	---	31	0.00	7.8	0.00	---
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
16	---	---	---	---	---	---	---	0.00	0.00	0.00	15	---
17	---	---	---	---	---	---	---	0.00	0.00	0.00	24	---
18	---	---	---	---	---	---	---	0.00	0.00	0.00	24	---
19	---	---	---	---	---	---	---	0.00	0.00	0.00	19	---
20	---	---	---	---	---	---	---	0.00	17	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	0.00	0.00	0.00	---
30	---	---	---	---	---	---	---	0.00	10	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	70	27	31.6	82	0
MEAN	---	---	---	---	---	---	---	2.3	0.89	1.0	2.6	---
MAX	---	---	---	---	---	---	---	39	17	11	24	---
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	139	54	63	163	0.00
CAL YEAR 2006	MAX	20.0	MIN	2.9	AC-FT	240						
WTR YEAR 2007	MAX	39.0	MIN	0.000	AC-FT	418						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25760	26520	37160	36210	35840	36970	36210	57430	69360	69080	52970	36020
2	25760	27130	36970	36210	35840	36970	36210	57940	69360	68790	53210	35090
3	25760	27920	36970	36210	35650	36780	36210	58460	69080	68500	52970	34360
4	25760	28710	36970	36210	35650	36780	36210	59240	69080	67930	52480	33630
5	25610	29360	36970	36210	35650	36780	36970	60010	68790	67370	52240	32750
6	25610	30180	36780	36210	35650	36780	37940	60540	68790	66810	51770	32050
7	25610	31030	36780	36210	35650	36590	38520	61340	68790	65960	51060	31370
8	25460	31870	36780	36210	35460	36590	39110	61870	68790	65130	51290	30690
9	25460	32580	36780	36210	35460	36590	39910	62400	68790	64310	51060	30180
10	25460	33630	36590	36210	35460	36590	40520	62940	68790	63760	50580	30180
11	25460	34180	36590	36210	35460	36590	41330	63490	68790	63490	50350	30180
12	25310	34910	36590	36210	35460	36400	42170	64040	68790	63220	50110	30180
13	25310	35650	36590	36210	35460	36400	42800	64580	69080	62940	49880	30180
14	25310	36590	36400	36210	35460	36400	43640	65130	69360	62400	49650	30180
15	25310	37350	36400	36400	35460	36400	44290	65960	69650	61870	48960	30180
16	25310	37740	36400	36210	35460	36400	44940	66250	69650	61610	48270	30180
17	25310	34000	36400	36210	35460	36400	45370	66810	69360	60810	47140	30180
18	25160	37740	36400	36210	35280	36400	46030	67090	69650	60010	45810	30180
19	25160	37740	36400	36210	35280	36400	46700	67370	69360	59240	44290	30180
20	25160	37540	36400	36210	35650	36210	47310	67370	69080	58460	43000	30180
21	25160	37540	36590	36210	35840	36210	48040	67650	68790	58460	41540	30120
22	25160	37540	36590	36210	35840	36210	48960	67930	68790	58200	40120	30120
23	25160	37350	36590	36020	36400	36210	49650	68500	68790	57940	39110	30120
24	25020	37350	36590	36020	36590	36210	50580	68500	68790	57690	38910	30120
25	25020	37350	36590	36020	36780	36210	51290	68790	68790	57180	38720	30120
26	25020	37350	36590	36020	36970	36210	52000	68790	68790	56170	38520	30120
27	25020	37350	36590	36020	36970	36210	52970	68790	69080	55170	38130	30120
28	25160	37350	36590	35840	36970	36210	53700	68790	69080	54180	37940	29850
29	25160	37160	36590	35840	---	36210	54430	69080	69360	53550	37540	29850
30	25310	37160	36590	35840	---	36210	55170	69650	69360	52970	37350	30120
31	25910	---	36590	35840	---	36210	---	69650	---	52970	36780	---
MEAN	25360	34530	36640	36140	35830	36440	44640	65040	69070	61170	45860	30960
MAX	25910	37740	37160	36400	36970	36970	55170	69650	69650	69080	53210	36020
MIN	25020	26520	36400	35840	35280	36210	36210	57430	68790	52970	36780	29850
CAL YEAR 2006	MEAN	42170	MAX	70230	MIN	25020						
WTR YEAR 2007	MEAN	43520	MAX	69650	MIN	25020						

**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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	105	379	136	236
2	---	---	---	---	---	---	---	0.00	107	398	133	236
3	---	---	---	---	---	---	---	0.00	107	409	149	221
4	---	---	---	---	---	---	---	0.00	123	419	236	196
5	---	---	---	---	---	---	---	0.00	135	439	274	194
6	---	---	---	---	---	---	---	0.00	146	440	412	183
7	---	---	---	---	---	---	---	0.00	148	418	171	159
8	---	---	---	---	---	---	---	0.00	155	406	64	133
9	---	---	---	---	---	---	---	0.00	159	360	62	126
10	---	---	---	---	---	---	---	0.00	159	272	66	42
11	---	---	---	---	---	---	---	0.00	159	242	76	---
12	---	---	---	---	---	---	---	0.00	161	263	79	---
13	---	---	---	---	---	---	---	0.00	155	311	112	---
14	---	---	---	---	---	---	---	0.00	148	353	187	---
15	---	---	---	---	---	---	---	0.00	139	367	305	---
16	---	---	---	---	---	---	---	0.00	137	431	385	---
17	---	---	---	---	---	---	---	0.00	137	428	429	---
18	---	---	---	---	---	---	---	0.00	137	458	429	---
19	---	---	---	---	---	---	---	0.00	137	454	429	---
20	---	---	---	---	---	---	---	0.00	137	294	440	---
21	---	---	---	---	---	---	---	0.00	137	222	429	---
22	---	---	---	---	---	---	---	0.00	137	218	405	---
23	---	---	---	---	---	---	---	0.00	137	275	140	---
24	---	---	---	---	---	---	---	0.00	137	368	59	---
25	---	---	---	---	---	---	---	66	135	512	62	---
26	---	---	---	---	---	---	---	98	133	563	62	---
27	---	---	---	---	---	---	---	98	150	502	69	---
28	---	---	---	---	---	---	---	101	176	461	77	---
29	---	---	---	---	---	---	---	102	266	454	96	---
30	---	---	---	---	---	---	0.00	102	359	267	156	---
31	---	---	---	---	---	---	---	102	---	160	212	---
TOTAL	0	0	0	0	0	0	0	669	4558	11543	6341	1726
MEAN	---	---	---	---	---	---	0.000	21.6	151.9	372.4	204.5	172.6
MAX	---	---	---	---	---	---	0.00	102	359	563	440	236
MIN	---	---	---	---	---	---	0.00	0.00	105	160	59	42
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1327	9041	22900	12580	3423
CAL YEAR 2006	MAX	519.0	MIN	0.000	AC-FT	48070						
WTR YEAR 2007	MAX	563.0	MIN	0.000	AC-FT	49260						

**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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	58	144	71	135
2	---	---	---	---	---	---	---	0.00	57	204	63	152
3	---	---	---	---	---	---	---	0.00	54	238	88	163
4	---	---	---	---	---	---	---	0.00	52	245	111	162
5	---	---	---	---	---	---	---	0.00	55	241	116	154
6	---	---	---	---	---	---	---	0.00	73	249	203	144
7	---	---	---	---	---	---	---	0.00	79	260	88	114
8	---	---	---	---	---	---	---	0.00	79	263	37	86
9	---	---	---	---	---	---	---	0.00	79	153	35	76
10	---	---	---	---	---	---	---	0.00	79	79	36	25
11	---	---	---	---	---	---	---	0.00	79	86	35	---
12	---	---	---	---	---	---	---	0.00	78	85	35	---
13	---	---	---	---	---	---	---	0.00	78	97	41	---
14	---	---	---	---	---	---	---	0.00	75	136	67	---
15	---	---	---	---	---	---	---	0.00	75	148	98	---
16	---	---	---	---	---	---	---	0.00	75	213	141	---
17	---	---	---	---	---	---	---	0.00	75	274	213	---
18	---	---	---	---	---	---	---	0.00	75	309	267	---
19	---	---	---	---	---	---	---	0.00	70	308	275	---
20	---	---	---	---	---	---	---	0.00	68	195	279	---
21	---	---	---	---	---	---	---	0.00	68	160	294	---
22	---	---	---	---	---	---	---	0.00	68	148	279	---
23	---	---	---	---	---	---	---	0.00	68	164	95	---
24	---	---	---	---	---	---	---	0.00	68	216	35	---
25	---	---	---	---	---	---	---	38	68	261	33	---
26	---	---	---	---	---	---	---	62	60	286	33	---
27	---	---	---	---	---	---	---	61	57	294	33	---
28	---	---	---	---	---	---	---	61	70	283	35	---
29	---	---	---	---	---	---	---	58	98	275	38	---
30	---	---	---	---	---	---	0.00	52	134	151	49	---
31	---	---	---	---	---	---	---	50	---	84	79	---
TOTAL	0	0	0	0	0	0	0	382	2172	6249	3302	1211
MEAN	---	---	---	---	---	---	0.000	12.3	72.5	201.6	106.5	121.1
MAX	---	---	---	---	---	---	0.00	62	134	309	294	163
MIN	---	---	---	---	---	---	0.00	0.00	52	79	33	25
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	758	4308	12390	6549	2402
CAL YEAR 2006	MAX	319.0	MIN	0.000	AC-FT	28000						
WTR YEAR 2007	MAX	309.0	MIN	0.000	AC-FT	26410						

**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 2,020 cubic feet per second February 25, gage height 19.10 feet; minimum daily discharge 6.4 cubic feet per second October 8.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.1	9.6	9.0e	15e	18e	193	43	55	729	26	20	15
2	7.8	9.5	9.7e	16e	18e	98	41	45	789	23	20	16
3	7.5	9.3	9.1e	14e	17e	72	36	40	243	22	16	16
4	7.5	9.4	11e	15e	19e	71	36	39	102	23	16	15
5	7.6	9.2	11e	15e	17e	58	31	38	75	22	15	17
6	6.9	9.5	9.9e	16e	19e	51	31	40	62	22	21	14
7	7.3	9.5	11e	15e	19e	52	31	453	70	21	29	13
8	6.4	9.4	12e	16e	20e	54	29	606	57	18	80	13
9	9.1	9.3	12e	18e	21e	60	28	307	47	54	46	13
10	10	9.0	13e	16e	24e	49	27	93	47	28	26	15
11	10	8.8	13e	17e	23e	43	27	67	40	21	20	25
12	9.3	8.9	14e	15e	25e	38	26	54	37	19	17	24
13	9.2	8.7	14e	9.9e	25e	34	25	47	55	25	17	18
14	9.2	8.9	12e	7.9e	29e	31	25	44	74	17	17	17
15	9.9	9.7	12e	11e	30e	30	25	42	80	16	15	16
16	8.7	9.8	11e	12e	31e	28	24	38	177	17	14	14
17	8.3	9.9	12e	12e	37e	27	24	36	64	17	13	14
18	8.4	10	10e	17e	65	26	24	35	51	13	13	14
19	8.4	10	10e	20e	280	26	24	34	49	11	13	14
20	8.3	11	13e	21e	630	25	24	33	41	13	16	14
21	9.0	11	18e	19e	673	25	23	31	36	14	16	14
22	9.3	11	18e	16e	802	25	24	32	34	14	30	14
23	9.0	11	15e	15e	1190	24	27	35	33	17	23	14
24	9.2	11	12e	16e	1630	27	37	37	31	15	17	14
25	9.3	11	15e	17e	1840	33	81	70	30	13	20	14
26	9.4	11	15e	18e	1480	30	138	48	30	10	17	14
27	9.6	11	17e	17e	1080	30	162	35	27	8.5	15	14
28	9.6	11	15e	18e	529	31	214	37	27	11	15	13
29	10	10e	16e	17e	---	41	126	53	27	17	14	13
30	10	8.3e	20e	16e	---	54	76	217	26	20	13	14
31	9.7	---	18e	17e	---	49	---	407	---	20	13	---
TOTAL	271	295.7	407.7	484.8	10591	1435	1489	3148	3190	587.5	637	455
MEAN	8.8	9.9	13.1	15.7	378.3	46.3	49.7	101.5	106.4	18.9	20.6	15.3
MAX	10	11	20	21	1840	193	214	606	789	54	80	25
MIN	6.4	8.3	9.0	7.9	17	24	23	31	26	8.5	13	13
AC-FT	538	587	809	962	21010	2846	2953	6244	6327	1165	1263	902
CAL YEAR 2006	TOTAL		4697	MEAN	12.9	MAX	148.0	MIN	0.050	AC-FT	9316	
WTR YEAR 2007	TOTAL		22992	MEAN	63.0	MAX	1840	MIN	6.4	AC-FT	45600	

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 714 cubic feet per second May 30, gage height 14.33 feet; minimum daily discharge 6.4 cubic feet per second estimated December 22 & 27.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.2	8.4e	7.0e	7.0e	7.8e	14	51	22	45	33	23	15
2	7.1	8.8	6.8e	7.2e	9.0e	12e	26	20	33	37	22	18
3	7.1	8.7	6.6e	8.2e	8.8e	11e	24	19	26	37	21	23
4	6.9	11	7.4	10e	10e	12e	21	19	22	39	19	20
5	7.4	9.4	7.4	51	11	13	19	57	20	39	22	19
6	7.8	8.9	7.5	19	9.1	12	18	39	17	40	46	17
7	7.1	8.7	8.2e	12	9.0	12	17	24	17	36	89	14
8	7.3	8.9	8.0e	10	9.8e	11	16	21	17	28	79	14
9	9.0	8.5	7.8e	10e	9.8e	11	16	19	16	40	114	14
10	11	8.4	8.0	9.4e	8.4e	11	16	17	15	37	26	126
11	11	8.1	7.8	10e	7.6e	11	15	16	14	24	20	77
12	9.5	7.8	7.5	9.0e	7.6e	11	14	15	13	23	19	23
13	8.9	8.0	7.4	9.0e	7.0e	11	13	14	21	29	16	18
14	8.8	7.6	7.6	9.4e	9.8e	11	13	14	32	34	15	14
15	8.4	8.7	8.0	9.8e	11e	11	13	14	70	35	17	11
16	8.7	8.7	7.9	9.8e	12e	9.8	12	13	24	38	22	11
17	8.4	8.0	7.7	9.6e	11	9.6	12	13	19	36	27	11
18	8.2	7.8	7.6	10e	30	9.8	12	12	19	36	33	9.6
19	8.0	7.5	7.0e	11	307	9.6	12	12	18	48	34	8.4
20	7.9	7.6	6.8e	9.6	334	9.3	12	11	17	42	33	7.9
21	8.0	7.6	6.6e	9.0	159	9.2	11	11	17	29	35	8.0
22	7.9	7.7	6.4e	9.4e	117	9.3	11	11	20	22	43	8.2
23	7.8	7.7	6.6e	8.6e	44	8.8	11	14	22	21	125	7.9
24	7.9	7.4	6.8e	8.7	35	43	65	14	19	24	35	7.9
25	8.0	7.5	6.8e	8.6	57	35	177	11	19	28	17	11
26	8.1	7.4	6.6e	8.5	23	18	113	11	20	28	18	7.6
27	8.5	7.6	6.4e	9.0e	17	15	37	17	20	33	17	7.3
28	8.7	7.7	6.6e	8.0e	16	16	31	20	20	43	16	7.2
29	9.2	7.4e	6.8e	7.6e	---	15	27	29	22	64	15	7.3
30	8.8e	6.8e	6.6e	8.0e	---	78	24	526	27	54	13	8.7
31	8.4e	---	7.0e	8.2e	---	40	---	340	---	32	15	---
TOTAL	257	244.3	223.2	334.6	1297.7	509.4	859	1395	681	1089	1046	552
MEAN	8.3	8.1	7.2	10.8	46.4	16.4	28.7	45.0	22.7	35.1	33.8	18.3
MAX	11	11	8.2	51	334	78	177	526	70	64	125	126
MIN	6.9	6.8	6.4	7.0	7.0	8.8	11	11	13	21	13	7.2
AC-FT	510	485	443	664	2574	1010	1704	2767	1351	2160	2075	1095
CAL YEAR 2006 TOTAL			4658	MEAN	12.8	MAX	199.0	MIN	1.9	AC-FT	9239	
WTR YEAR 2007 TOTAL			8488	MEAN	23.3	MAX	526.0	MIN	6.4	AC-FT	16840	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	43	96	194	111
2	---	---	---	---	---	---	---	0.00	49	112	192	110
3	---	---	---	---	---	---	---	0.00	45	111	192	106
4	---	---	---	---	---	---	---	0.00	44	113	191	113
5	---	---	---	---	---	---	---	0.00	48	122	188	112
6	---	---	---	---	---	---	---	11	48	158	192	117
7	---	---	---	---	---	---	---	101	47	188	188	116
8	---	---	---	---	---	---	---	118	43	190	201	116
9	---	---	---	---	---	---	---	88	47	193	193	114
10	---	---	---	---	---	---	---	79	44	199	199	96
11	---	---	---	---	---	---	---	76	47	204	206	85
12	---	---	---	---	---	---	---	75	52	181	205	80
13	---	---	---	---	---	---	---	76	51	187	207	81
14	---	---	---	---	---	---	---	81	46	186	207	80
15	---	---	---	---	---	---	---	79	47	180	205	81
16	---	---	---	---	---	---	---	75	49	192	203	82
17	---	---	---	---	---	---	---	77	49	186	200	31
18	---	---	---	---	---	---	---	75	48	188	199	9.3
19	---	---	---	---	---	---	---	78	47	176	198	0.00
20	---	---	---	---	---	---	---	75	47	164	190	---
21	---	---	---	---	---	---	---	69	46	161	184	---
22	---	---	---	---	---	---	---	66	57	159	153	---
23	---	---	---	---	---	---	---	65	65	172	135	---
24	---	---	---	---	---	---	---	65	69	191	114	---
25	---	---	---	---	---	---	---	65	76	198	112	---
26	---	---	---	---	---	---	---	65	72	199	109	---
27	---	---	---	---	---	---	---	66	71	199	113	---
28	---	---	---	---	---	---	---	61	72	199	117	---
29	---	---	---	---	---	---	---	60	85	196	114	---
30	---	---	---	---	---	---	---	45	94	195	111	---
31	---	---	---	---	---	---	---	47	---	193	111	---
TOTAL	0	0	0	0	0	0	0	1838	1648	5388	5323	1640.3
MEAN	---	---	---	---	---	---	---	59.4	55.0	173.8	171.7	86.4
MAX	---	---	---	---	---	---	---	118	94	204	207	117
MIN	---	---	---	---	---	---	---	0.00	43	96	109	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3646	3269	10690	10560	3253
CAL YEAR 2006	MAX	224.0	MIN	43.0	AC-FT	34540						
WTR YEAR 2007	MAX	207.0	MIN	0.000	AC-FT	31410						

**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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	35	82	123	69
2	---	---	---	---	---	---	---	0.00	34	89	126	63
3	---	---	---	---	---	---	---	0.00	38	90	125	64
4	---	---	---	---	---	---	---	0.00	34	86	124	67
5	---	---	---	---	---	---	---	0.00	36	89	125	70
6	---	---	---	---	---	---	---	0.00	36	104	122	74
7	---	---	---	---	---	---	---	0.00	41	124	122	76
8	---	---	---	---	---	---	---	59	35	126	124	76
9	---	---	---	---	---	---	---	74	36	125	121	80
10	---	---	---	---	---	---	---	58	36	125	113	82
11	---	---	---	---	---	---	---	51	35	134	118	60
12	---	---	---	---	---	---	---	53	39	123	122	56
13	---	---	---	---	---	---	---	51	47	119	127	48
14	---	---	---	---	---	---	---	54	39	115	130	49
15	---	---	---	---	---	---	---	62	37	111	128	49
16	---	---	---	---	---	---	---	58	37	120	129	56
17	---	---	---	---	---	---	---	59	36	124	130	52
18	---	---	---	---	---	---	---	57	37	122	133	22
19	---	---	---	---	---	---	---	55	37	128	139	9.2
20	---	---	---	---	---	---	---	57	37	123	142	4.0
21	---	---	---	---	---	---	---	53	34	122	143	2.8
22	---	---	---	---	---	---	---	49	38	120	126	1.3
23	---	---	---	---	---	---	---	51	50	120	110	0.00
24	---	---	---	---	---	---	---	48	55	127	97	0.00
25	---	---	---	---	---	---	---	50	61	124	87	0.00
26	---	---	---	---	---	---	---	53	61	127	88	0.00
27	---	---	---	---	---	---	---	55	61	131	83	0.00
28	---	---	---	---	---	---	---	52	59	132	86	0.00
29	---	---	---	---	---	---	---	60	69	134	89	0.00
30	---	---	---	---	---	---	---	51	77	130	85	0.00
31	---	---	---	---	---	---	---	37	---	124	76	---
TOTAL	0	0	0	0	0	0	0	1307	1307	3650	3593	1130.3
MEAN	---	---	---	---	---	---	---	42.2	43.6	117.7	115.9	37.7
MAX	---	---	---	---	---	---	---	74	77	134	143	82
MIN	---	---	---	---	---	---	---	0.00	34	82	76	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2592	2592	7240	7127	2242
CAL YEAR 2006	MAX	140.0	MIN	0.000	AC-FT	24620						
WTR YEAR 2007	MAX	143.0	MIN	0.000	AC-FT	21790						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	30	55	77	46
2	---	---	---	---	---	---	---	0.00	30	57	77	47
3	---	---	---	---	---	---	---	0.00	29	55	76	47
4	---	---	---	---	---	---	---	0.00	28	55	77	47
5	---	---	---	---	---	---	---	0.00	30	58	74	45
6	---	---	---	---	---	---	---	0.00	31	59	74	45
7	---	---	---	---	---	---	---	0.00	29	60	76	47
8	---	---	---	---	---	---	---	19	29	62	76	48
9	---	---	---	---	---	---	---	20	30	63	77	49
10	---	---	---	---	---	---	---	0.00	31	58	80	47
11	---	---	---	---	---	---	---	0.00	31	21	79	45
12	---	---	---	---	---	---	---	0.00	31	0.00	75	46
13	---	---	---	---	---	---	---	0.00	32	0.00	71	46
14	---	---	---	---	---	---	---	0.00	31	0.00	65	46
15	---	---	---	---	---	---	---	0.00	30	0.00	62	46
16	---	---	---	---	---	---	---	6.0	30	0.00	63	46
17	---	---	---	---	---	---	---	24	30	0.00	63	47
18	---	---	---	---	---	---	---	28	31	0.00	64	37
19	---	---	---	---	---	---	---	29	31	0.00	64	21
20	---	---	---	---	---	---	---	30	31	1.6	64	11
21	---	---	---	---	---	---	---	29	31	34	62	2.9
22	---	---	---	---	---	---	---	29	31	69	61	0.00
23	---	---	---	---	---	---	---	29	31	74	47	0.00
24	---	---	---	---	---	---	---	29	31	68	39	0.00
25	---	---	---	---	---	---	---	29	31	74	40	0.00
26	---	---	---	---	---	---	---	29	31	79	39	0.00
27	---	---	---	---	---	---	---	29	31	81	42	0.00
28	---	---	---	---	---	---	---	29	31	79	46	0.00
29	---	---	---	---	---	---	---	29	31	78	44	0.00
30	---	---	---	---	---	---	---	29	44	76	46	0.00
31	---	---	---	---	---	---	---	29	---	75	47	---
TOTAL	0	0	0	0	0	0	0	475	928	1391.6	1947	861.9
MEAN	---	---	---	---	---	---	---	15.3	30.9	44.9	62.8	28.7
MAX	---	---	---	---	---	---	---	30	44	81	80	49
MIN	---	---	---	---	---	---	---	0.00	28	0.00	39	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	942	1841	2760	3862	1710
CAL YEAR 2006	MAX	85.0	MIN	0.000	AC-FT	15700						
WTR YEAR 2007	MAX	81.0	MIN	0.000	AC-FT	11110						

**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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	46	70	---	---	---
2	---	---	---	---	---	---	---	46	76	---	---	---
3	---	---	---	---	---	---	---	48	77	---	---	---
4	---	---	---	---	---	---	---	49	78	0.00	---	---
5	---	---	---	---	---	---	---	46	78	0.00	---	---
6	---	---	---	---	---	---	---	43	77	---	---	---
7	---	---	---	---	---	---	---	47	73	---	---	---
8	---	---	---	---	---	---	---	48	71	---	---	---
9	---	---	---	---	---	---	0.00	50	70	---	---	---
10	---	---	---	---	---	---	0.00	51	70	---	---	---
11	---	---	---	---	---	---	0.00	51	71	---	---	---
12	---	---	---	---	---	---	0.00	51	72	---	---	---
13	---	---	---	---	---	---	0.00	51	72	---	---	---
14	---	---	---	---	---	---	0.00	73	71	---	---	---
15	---	---	---	---	---	---	0.00	80	71	---	---	---
16	---	---	---	---	---	---	0.00	74	71	---	---	---
17	---	---	---	---	---	---	0.00	73	71	---	---	---
18	---	---	---	---	---	---	0.00	73	71	---	---	---
19	---	---	---	---	---	---	0.00	73	72	---	---	---
20	---	---	---	---	---	---	0.00	73	72	---	---	---
21	---	---	---	---	---	---	0.00	73	72	---	---	---
22	---	---	---	---	---	---	0.00	74	48	---	---	---
23	---	---	---	---	---	---	0.00	71	31	---	---	---
24	---	---	---	---	---	---	0.00	66	27	---	---	---
25	---	---	---	---	---	---	0.00	65	11	---	---	---
26	---	---	---	---	---	---	0.00	63	0.00	---	---	---
27	---	---	---	---	---	---	0.00	62	---	---	---	---
28	---	---	---	---	---	---	0.00	61	---	---	---	---
29	---	---	---	---	---	---	0.00	62	---	---	---	---
30	---	---	---	---	---	---	18	47	---	---	---	---
31	---	---	---	---	---	---	---	59	---	---	---	---
TOTAL	0	0	0	0	0	0	18	1849	1643	0	0	0
MEAN	---	---	---	---	---	---	0.81	59.6	63.2	0.000	---	---
MAX	---	---	---	---	---	---	18	80	78	0.00	---	---
MIN	---	---	---	---	---	---	0.00	43	0.00	0.00	---	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	36	3667	3259	0.00	0.00	0.00
CAL YEAR 2006	MAX	185.0	MIN	0.000	AC-FT	26060						
WTR YEAR 2007	MAX	80.0	MIN	0.000	AC-FT	6962						

PLATTE RIVER BASIN (Loup River)

CALAMUS RIVER near Harrop, 06787000

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

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

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,380 cubic feet per second May 28, 1995, gage height 4.68 feet; maximum gage height 6.25 feet March 3, 2008 due to backwater from ice; minimum daily discharge 90 cubic feet per second January 7, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 592 cubic feet per second May 9, gage height 5.15 feet; maximum gage height 6.25 feet March 3 due to backwater from ice; minimum daily discharge 144 cubic feet per second estimated February 15.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	235	205	192e	215	172e	280	445	279	322	233	236	219
2	233	206	188e	226	180e	255	408	267	318	233	237	225
3	233	217	178e	242	182e	223e	388	261	299	230	242	221
4	231	221	190e	250	199	258e	336	276	292	228	234	213
5	231	225	193e	260	228	314	297	373	287	224	227	212
6	232	225	201e	251	246	289	277	430	286	225	232	212
7	233	225	205	242	262	292	263	536	298	222	236	220
8	239	223	207	239	242	313	262	533	281	217	245	221
9	257	219	227	231	231	380	267	558	274	215	243	218
10	258	215	227	238	233	437	273	450	264	218	232	231
11	269	216	226	239	244	430	264	362	257	217	243	227
12	238	215	222	216e	257	375	265	323	261	225	237	227
13	232	217	218	179e	184	347	259	296	315	225	226	220
14	230	220	221	193e	172e	331	258	280	343	220	221	212
15	235	243	220	213e	144e	310	255	267	310	223	228	211
16	251	233	217	181e	171e	296	252	260	309	235	224	216
17	246	229	212	201e	250e	285	247	256	306	227	226	219
18	241	224	210	215e	304	279	247	250	302	222	232	228
19	229	220	207	214e	366	275	243	249	297	222	225	226
20	238	220	253	202e	311	268	243	247	283	221	226	222
21	257	229	293	219e	322	265	247	246	271	221	218	221
22	238	245	265	220e	327	258	280	269	268	216	227	215
23	228	243	247	210e	344	257	307	268	261	214	238	214
24	227	238	237	221e	405	286	382	252	256	213	236	213
25	235	243	228	252e	358	335	435	245	246	211	237	214
26	235	227	228	239e	319	339	438	260	238	219	232	219
27	226	221	228	222e	290	340	437	258	237	247	225	218
28	221	223	229	202e	290	321	367	252	237	230	225	222
29	219	214	237	208e	---	362	319	292	234	234	226	276
30	215	203	222	192e	---	410	297	320	233	231	226	256
31	206	---	213	150e	---	529	---	313	---	231	224	---
TOTAL	7298	6704	6841	6782	7233	9939	9258	9728	8385	6949	7166	6668
MEAN	235.4	223.6	220.6	218.8	258.3	320.6	308.6	313.8	279.4	224.2	231.2	222.3
MAX	269	245	293	260	405	529	445	558	343	247	245	276
MIN	206	203	178	150	144	223	243	245	233	211	218	211
AC-FT	14480	13300	13570	13450	14350	19710	18360	19300	16630	13780	14210	13230
CAL YEAR 2006	TOTAL		86424	MEAN	236.8	MAX	471.0	MIN	144.0	AC-FT	171400	
WTR YEAR 2007	TOTAL		92951	MEAN	254.7	MAX	558.0	MIN	144.0	AC-FT	184400	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

CALAMUS RESERVOIR from Calamus River, 06787300

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

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

PERIOD OF RECORD.--1985 - present

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

STORAGE (ACFT), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	71400	83060	94550	107200	117300	120300	123900	127400	127500	124400	101800	85440
2	71440	83400	95100	107500	117400	120100	124500	126700	127500	123800	101000	85000
3	71680	83760	95220	108000	117400	120000	125600	126200	127300	123100	100200	84650
4	72110	84140	95520	108400	117200	119900	125500	125800	127000	122600	99430	84110
5	72290	84530	95890	109300	117200	119700	125700	125900	127000	121900	98820	83410
6	72500	84960	96330	109600	117400	119600	126200	126500	126900	121000	98080	82710
7	72820	85360	96580	109800	117400	119600	126400	126300	127500	120100	97350	82320
8	73250	85910	96880	110000	117600	119400	126500	126100	126900	118900	96540	81790
9	73860	86220	97310	110800	117800	119500	126700	126200	126400	118000	95990	81370
10	74190	86540	97650	111100	117700	119600	127000	126200	126200	116700	95220	81140
11	74700	86900	98080	111500	117600	119700	127800	126800	126000	115800	94630	81020
12	74990	87340	98470	111900	117600	119900	127900	126800	125900	114900	94040	80830
13	75420	87650	98820	112000	117600	120000	128200	126500	126200	114300	93540	80640
14	75790	88260	99160	112300	117600	120100	128400	126800	126800	113600	93080	80490
15	76160	89020	99560	112600	118100	119700	128900	127200	126900	112600	92870	80150
16	76600	89100	99910	113000	118100	119600	129100	126700	127000	112300	92130	80000
17	77380	89590	100300	113200	118200	119300	129200	126500	126800	111500	91680	79920
18	77750	89960	100700	113700	118400	119300	128900	126200	126700	110800	90980	80000
19	78040	90400	101100	114100	118700	119500	128500	126300	126300	111400	90280	80190
20	78490	90690	101700	114400	118900	119300	128300	126100	126100	110600	89750	80190
21	78870	91060	102900	115000	119000	119200	128100	125900	126100	110000	89060	80300
22	79280	91470	103400	115400	119100	119100	128300	126000	126000	109600	88340	80300
23	79730	91800	103800	115800	119300	119300	128400	126400	125900	108900	87860	80300
24	80000	92340	104200	116300	119900	119600	128200	126400	125700	108200	87580	80530
25	80490	92540	104400	116700	120300	120100	128800	126200	125600	107300	87220	80450
26	80910	93000	104800	116900	120700	120600	128900	126300	125600	106300	86860	80450
27	81290	93290	105100	117300	120700	120900	128700	126400	125300	105500	86580	80490
28	81670	93670	105600	117300	120800	121300	129000	126300	125100	104600	86620	80490
29	82060	94130	105900	117400	---	122000	128100	126200	125100	103800	86460	80640
30	82480	94380	106900	117300	---	122600	127900	128000	124800	103000	86150	80990
31	82790	---	107300	117300	---	123100	---	127700	---	102300	85830	---
MEAN	76790	88820	100400	113000	118400	120100	127600	126500	126300	113200	92450	81340
MAX	82790	94380	107300	117400	120800	123100	129200	128000	127500	124400	101800	85440
MIN	71400	83060	94550	107200	117200	119100	123900	125800	124800	102300	85830	79920
CAL YEAR 2006	MEAN	104600	MAX	128300	MIN	69440						
WTR YEAR 2007	MEAN	107000	MAX	129200	MIN	71400						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	202	220	276	443	243
2	---	---	---	---	---	---	---	202	220	291	444	249
3	---	---	---	---	---	---	---	202	221	322	452	291
4	---	---	---	---	---	---	---	202	223	393	419	345
5	---	---	---	---	---	---	---	202	221	467	416	353
6	---	---	---	---	---	---	---	202	220	500	433	317
7	---	---	---	---	---	---	---	201	218	526	439	269
8	---	---	---	---	---	---	---	191	222	548	422	254
9	---	---	---	---	---	---	---	154	236	556	388	228
10	---	---	---	---	---	---	---	138	231	541	376	118
11	---	---	---	---	---	---	---	146	228	518	325	93
12	---	---	---	---	---	---	---	158	230	472	302	116
13	---	---	---	---	---	---	---	151	224	467	275	107
14	---	---	---	---	---	---	---	148	223	464	238	120
15	---	---	---	---	---	---	---	164	225	472	285	113
16	---	---	---	---	---	---	---	193	228	493	345	107
17	---	---	---	---	---	---	---	217	227	477	401	66
18	---	---	---	---	---	---	20	221	227	512	409	---
19	---	---	---	---	---	---	64	231	227	408	375	---
20	---	---	---	---	---	---	141	226	229	273	423	---
21	---	---	---	---	---	---	156	222	230	308	466	---
22	---	---	---	---	---	---	156	224	257	370	481	---
23	---	---	---	---	---	---	187	222	265	414	315	---
24	---	---	---	---	---	---	202	222	261	506	238	---
25	---	---	---	---	---	---	202	222	260	544	246	---
26	---	---	---	---	---	---	202	222	276	558	210	---
27	---	---	---	---	---	---	202	223	231	525	223	---
28	---	---	---	---	---	---	202	222	219	480	166	---
29	---	---	---	---	---	---	201	221	216	475	167	---
30	---	---	---	---	---	---	220	220	252	443	180	---
31	---	---	---	---	---	---	---	220	---	444	205	---
TOTAL	0	0	0	0	0	0	2155	6191	6967	14043	10507	3389
MEAN	---	---	---	---	---	---	165.8	199.7	232.3	453.0	339.0	199.4
MAX	---	---	---	---	---	---	220	231	276	558	481	353
MIN	---	---	---	---	---	---	20	138	216	273	166	66
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	4274	12280	13820	27850	20840	6722
CAL YEAR 2006	MAX	645.0	MIN	0.000	AC-FT	86130						
WTR YEAR 2007	MAX	558.0	MIN	20.0	AC-FT	85790						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	3.2	4.6	4.8	4.9	5.2	17	9.9	7.0	9.9	15	11
2	13	3.0	4.4	5.1	5.0	5.4	18	15	7.6	12	15	11
3	10	3.1	4.5	5.0	5.1	5.6	17	10	11	12	15	12
4	10	2.9	4.6	5.0	4.9	5.4	17	14	9.5	13	15	12
5	9.5	2.9	4.8	5.2	5.0	5.5	15	7.9	8.5	13	15	13
6	17	5.5	4.8	5.0	5.1	5.3	16	6.4	8.1	13	15	13
7	20	7.8	4.7	5.2	4.9	3.5	14	5.5	10	14	15	12
8	18	4.8	4.5	5.2	5.2	0.10	12	7.6	12	13	15	12
9	15	4.9	5.4	5.2	5.0	0.10	14	8.7	12	13	15	12
10	9.5	4.6	5.8	5.1	5.0	0.10	15	11	12	12	15	10
11	2.7	4.2	5.8	5.2	5.2	0.10	14	11	12	12	15	10
12	2.7	4.3	5.8	5.2	5.0	1.5	14	10	11	11	15	10
13	2.4	3.8	5.2	5.1	5.1	2.6	15	6.2	10	11	15	9.5
14	2.8	3.3	4.8	5.4	5.3	3.1	14	5.4	9.1	11	15	8.4
15	2.4	3.2	4.5	5.2	4.9	3.1	11	5.8	9.5	11	15	10
16	2.1	3.4	4.6	5.3	5.2	3.0	11	5.4	11	11	15	13
17	0.00	4.0	4.6	5.2	5.2	2.1	10	5.3	11	11	14	12
18	0.00	3.9	4.9	5.4	5.2	0.10	11	5.3	11	11	14	12
19	1.6	3.9	4.6	5.3	5.0	0.10	14	4.2	10	11	14	12
20	1.4	3.7	4.6	5.3	5.2	0.10	9.2	3.9	9.2	12	14	11
21	1.4	3.8	5.1	5.4	5.1	1.6	8.8	3.7	9.2	11	14	13
22	1.4	3.7	5.1	5.3	5.1	4.7	10	3.8	11	11	14	13
23	2.6	3.6	5.4	5.3	5.2	4.6	9.6	6.7	16	12	14	13
24	3.4	3.3	4.7	5.3	5.3	4.6	9.9	8.4	17	12	14	13
25	3.4	3.8	4.8	5.3	5.5	4.6	10	9.3	15	13	14	12
26	3.3	3.6	5.0	5.3	5.6	6.2	11	10	12	13	14	12
27	3.2	3.8	4.8	5.2	5.7	11	10	12	11	13	14	13
28	2.9	4.2	5.0	5.2	5.5	12	9.4	10	10	13	14	13
29	2.8	3.9	4.7	5.3	---	16	9.2	10	9.4	13	13	12
30	2.6	3.8	4.6	5.0	---	18	9.0	10	9.6	13	13	15
31	2.8	---	5.2	4.9	---	17	---	9.4	---	14	13	---
TOTAL	184.9	117.9	151.9	160.9	144.4	152.3	375.1	251.8	321.7	374.9	447	354.9
MEAN	6.0	3.9	4.9	5.2	5.2	4.9	12.5	8.2	10.7	12.2	14.4	11.8
MAX	20	7.8	5.8	5.4	5.7	18	18	15	17	14	15	15
MIN	0.00	2.9	4.4	4.8	4.9	0.10	8.8	3.7	7.0	9.9	13	8.4
AC-FT	367	234	301	319	286	302	744	499	638	744	887	704
CAL YEAR 2006	TOTAL		2990	MEAN	8.2	MAX	20.0	MIN	0.000	AC-FT	5931	
WTR YEAR 2007	TOTAL		3038	MEAN	8.3	MAX	20.0	MIN	0.000	AC-FT	6025	

**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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	218	228	164	104	68
2	---	---	---	---	---	---	---	224	224	168	118	73
3	---	---	---	---	---	---	---	215	221	166	116	74
4	---	---	---	---	---	---	---	212	219	198	121	47
5	---	---	---	---	---	---	---	224	218	202	128	48
6	---	---	---	---	---	---	---	230	220	189	118	55
7	---	---	---	---	---	---	---	234	220	180	97	62
8	---	---	---	---	---	---	---	233	221	157	96	61
9	---	---	---	---	---	---	---	228	222	165	95	80
10	---	---	---	---	---	---	---	222	221	164	66	80
11	---	---	---	---	---	---	---	231	220	163	58	42
12	---	---	---	---	---	---	---	229	219	160	81	34
13	---	---	---	---	---	---	---	225	219	155	60	42
14	---	---	---	---	---	---	---	223	222	149	41	19
15	---	---	---	---	---	---	---	227	223	150	38	26
16	---	---	---	---	---	---	---	227	223	148	86	35
17	---	---	---	---	---	---	---	220	222	139	152	40
18	---	---	---	---	---	---	---	217	220	144	174	48
19	---	---	---	---	---	---	---	218	220	150	160	42
20	---	---	---	---	---	---	0.00	221	221	129	164	33
21	---	---	---	---	---	---	13	224	221	130	159	31
22	---	---	---	---	---	---	76	227	222	131	156	33
23	---	---	---	---	---	---	123	228	222	118	169	39
24	---	---	---	---	---	---	171	229	221	96	178	40
25	---	---	---	---	---	---	174	228	221	74	190	35
26	---	---	---	---	---	---	183	224	220	77	173	23
27	---	---	---	---	---	---	175	224	190	83	175	14
28	---	---	---	---	---	---	176	225	168	106	132	16
29	---	---	---	---	---	---	162	227	170	115	98	1.2
30	---	---	---	---	---	---	184	235	168	109	92	0.00
31	---	---	---	---	---	---	---	232	---	93	67	---
TOTAL	0	0	0	0	0	0	1437	6981	6446	4372	3662	1241.2
MEAN	---	---	---	---	---	---	130.6	225.2	214.8	141.1	118.2	41.4
MAX	---	---	---	---	---	---	184	235	228	202	190	80
MIN	---	---	---	---	---	---	0.00	212	168	74	38	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2850	13850	12790	8672	7263	2462
CAL YEAR 2006	MAX	244.0	MIN	0.000	AC-FT	48360						
WTR YEAR 2007	MAX	235.0	MIN	0.000	AC-FT	47880						

**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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11480	11160	10850	10710	10460	10400	10290	13050	23510	30140	20810	13750
2	11470	11140	10830	10700	10450	10390	10280	13510	23770	30020	20550	13460
3	11460	11130	10820	10710	10440	10390	10260	13930	24020	29720	20310	13210
4	11450	11130	10800	10700	10430	10380	10250	14250	24290	29500	20180	12890
5	11440	11120	10800	10710	10420	10380	10250	14680	24570	30370	19980	12620
6	11430	11110	10790	10690	10410	10370	10240	15040	24770	29000	19800	12330
7	11430	11100	10780	10680	10400	10370	10220	15500	25050	28660	19260	12130
8	11420	11100	10770	10660	10400	10360	10200	15700	25260	28420	19060	11910
9	11420	11080	10770	10650	10390	10360	10180	16350	25500	27960	18830	11770
10	11420	11070	10760	10640	10390	10350	10170	16900	25750	27570	18580	11740
11	11410	11060	10760	10620	10380	10340	10160	17330	26010	27210	18280	11590
12	11390	11050	10750	10610	10370	10340	10150	17680	26280	26950	17990	11300
13	11380	11040	10730	10600	10360	10330	10140	17950	26550	26690	17740	10930
14	11370	11060	10720	10590	10350	10320	10130	18280	26850	26540	17410	10670
15	11350	11050	10710	10590	10340	10310	10120	18550	27170	26430	16960	10280
16	11340	11040	10700	10570	10340	10300	10110	19060	27410	26320	16500	9950
17	11330	11020	10680	10560	10340	10290	10100	19120	27630	26090	16240	9620
18	11330	11000	10680	10560	10350	10290	10080	19330	27940	25510	16130	9590
19	11300	10990	10670	10550	10360	10280	10070	19620	28170	25150	15960	9670
20	11300	10980	10710	10550	10370	10260	10060	19840	28440	24960	15790	9750
21	11290	10970	10730	10560	10380	10250	10050	20140	28600	24820	15360	9820
22	11280	10960	10720	10550	10390	10240	10150	20420	28900	24670	15050	9890
23	11260	10950	10720	10550	10400	10240	10290	20750	29150	24560	14950	9940
24	11260	10940	10710	10540	10410	10280	10570	20950	29380	24190	14900	10010
25	11250	10930	10710	10540	10410	10290	11470	21210	29600	23620	14840	10080
26	11240	10920	10700	10530	10420	10280	11700	21520	29840	22860	14810	10130
27	11230	10900	10700	10520	10410	10280	11770	21770	30020	22100	14740	10160
28	11220	10890	10730	10510	10410	10290	12220	22070	30170	21760	14670	10160
29	11220	10880	10720	10500	---	10290	12480	22360	30270	21500	14470	10170
30	11210	10860	10720	10480	---	10300	12670	22970	30290	21270	14200	10180
31	11180	---	10710	10470	---	10300	---	23280	---	21090	13940	---
MEAN	11340	11020	10740	10590	10390	10320	10560	18490	27170	25990	17040	10990
MAX	11480	11160	10850	10710	10460	10400	12670	23280	30290	30370	20810	13750
MIN	11180	10860	10670	10470	10340	10240	10050	13050	23510	21090	13940	9590
CAL YEAR 2006	MEAN	13850	MAX	27490	MIN	8570						
WTR YEAR 2007	MEAN	14580	MAX	30370	MIN	9590						

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	69	193	214	199
2	---	---	---	---	---	---	---	---	69	232	214	199
3	---	---	---	---	---	---	---	---	70	251	214	199
4	---	---	---	---	---	---	---	---	68	270	214	198
5	---	---	---	---	---	---	---	---	67	291	214	197
6	---	---	---	---	---	---	---	---	68	301	303	174
7	---	---	---	---	---	---	---	---	68	317	266	146
8	---	---	---	---	---	---	---	---	69	314	213	146
9	---	---	---	---	---	---	---	---	70	314	213	145
10	---	---	---	---	---	---	---	---	70	308	212	145
11	---	---	---	---	---	---	---	---	70	291	212	167
12	---	---	---	---	---	---	---	---	70	280	211	195
13	---	---	---	---	---	---	---	---	70	245	210	194
14	---	---	---	---	---	---	---	21	70	190	222	193
15	---	---	---	---	---	---	---	38	69	191	242	193
16	---	---	---	---	---	---	---	56	69	235	252	193
17	---	---	---	---	---	---	---	62	69	311	252	120
18	---	---	---	---	---	---	---	62	70	339	251	36
19	---	---	---	---	---	---	---	63	70	289	250	1.4
20	---	---	---	---	---	---	---	64	70	210	304	0.00
21	---	---	---	---	---	---	---	65	70	186	311	---
22	---	---	---	---	---	---	---	65	69	185	289	---
23	---	---	---	---	---	---	---	66	69	264	236	---
24	---	---	---	---	---	---	---	67	68	345	202	---
25	---	---	---	---	---	---	---	68	68	393	202	---
26	---	---	---	---	---	---	---	68	68	381	201	---
27	---	---	---	---	---	---	---	68	69	353	201	---
28	---	---	---	---	---	---	---	69	71	241	201	---
29	---	---	---	---	---	---	---	69	108	215	201	---
30	---	---	---	---	---	---	---	69	177	214	201	---
31	---	---	---	---	---	---	---	69	---	214	200	---
TOTAL	0	0	0	0	0	0	0	1109	2222	8363	7128	3040.4
MEAN	---	---	---	---	---	---	---	61.7	74.1	269.7	229.9	152.1
MAX	---	---	---	---	---	---	---	69	177	393	311	199
MIN	---	---	---	---	---	---	---	21	67	185	200	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2200	4407	16590	14140	6031
CAL YEAR 2006	MAX	371.0	MIN	0.000	AC-FT	39880						
WTR YEAR 2007	MAX	393.0	MIN	0.000	AC-FT	43360						

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 441 cubic feet per second April 25, gage height 3.11 feet; maximum gage height 3.70 due to backwater from ice conditions; minimum daily discharge 37 cubic feet per second October 17.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	263	107	109	112	258	366	219	364	239	241	224	238
2	207	106	109	113	256e	364	220	390	250	232	235	237
3	134	108	101e	114	258	364	230	393	254	226	240	241
4	112	107	108	114	259	367	211	319	172	227	239	234
5	112	108	108	115	258	367	186	333	78	225	240	232
6	110	107	107	115	257	367	183	362	142	220	235	233
7	112	111	101e	114	257	365	178	364	270	219	241	232
8	112	108	104e	114	257	361	172	361	286	220	245	235
9	116	108	107	115	257	360	157	355	216	216	248	238
10	112	108	107	117	257	360	144	147	162	213	248	238
11	105	108	106	116	256	359	168	153	167	212	247	243
12	104	107	106	116e	256	359	149	264	169	213	254	241
13	104	106	107	113e	255	360	139	125	172	211	251	238
14	104	107	106	95e	249e	360	146	42	169	210	251	239
15	104	105	107	109e	245e	359	153	170	204	213	252	244
16	81	106	106	123e	252	358	232	185	245	211	249	244
17	37	105	107	120	251	357	373	124	259	212	245	246
18	46	107	107	119	250	356	399	111	262	213	246	248
19	104	107	108	119	265	354	409	109	241	218	231	245
20	104	109	111	121	273	356	267	108	160	216	221	242
21	104	108	109	120	291	361	235	95	131	215	220	240
22	104	109	108	120	304	285	281	86	130	212	222	242
23	104	110	109	122	316	219	314	82	106	212	217	243
24	105	109	110	121	332	211	369	78	98	215	224	242
25	106	110	110	121	320	204	424	78	96	214	233	243
26	106	111	110	175	322	205	419	80	95	211	240	243
27	105	111	110	258	332	215	421	97	93	234	168	243
28	106	110	110	261	359	214	409	110	91	220	145	245
29	106	110	112	262	---	218	369	140	130	211	237	242
30	106	104e	112	261	---	220	349	272	224	211	242	253
31	106	---	111	259	---	227	---	250	---	220	242	---
TOTAL	3441	3237	3343	4374	7702	9798	7925	6147	5311	6743	7232	7224
MEAN	111.0	107.9	107.8	141.1	275.0	316.1	264.2	198.3	177.0	217.6	233.3	240.7
MAX	263	111	112	262	359	367	424	393	286	241	254	253
MIN	37	104	101	95	245	204	139	42	78	210	145	232
AC-FT	6825	6420	6631	8676	15280	19430	15720	12190	10530	13370	14340	14330
CAL YEAR 2006	TOTAL		60357	MEAN	165.4	MAX	411.0	MIN	37.0	AC-FT	119700	
WTR YEAR 2007	TOTAL		72477	MEAN	198.6	MAX	424.0	MIN	37.0	AC-FT	143800	

e indicates estimated discharge.

PLATTE RIVER BASIN
(L o u p R i v e r)

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	99	38	55	96	65
2	---	---	---	---	---	---	---	39	41	58	99	65
3	---	---	---	---	---	---	---	45	40	59	96	65
4	---	---	---	---	---	---	---	47	39	59	97	63
5	---	---	---	---	---	---	---	58	37	75	96	63
6	---	---	---	---	---	---	---	35	40	97	99	64
7	---	---	---	---	---	---	---	32	42	101	104	65
8	---	---	---	---	---	---	---	32	38	98	111	65
9	---	---	---	---	---	---	---	31	37	101	115	65
10	---	---	---	---	---	---	---	29	38	97	112	47
11	---	---	---	---	---	---	---	30	40	99	111	37
12	---	---	---	---	---	---	---	30	40	100	117	36
13	---	---	---	---	---	---	---	30	41	99	96	31
14	---	---	---	---	---	---	---	30	40	96	80	27
15	---	---	---	---	---	---	---	32	39	97	78	27
16	---	---	---	---	---	---	---	34	38	96	72	27
17	---	---	---	---	---	---	---	35	39	102	70	16
18	---	---	---	---	---	---	---	37	39	110	75	7.6
19	---	---	---	---	---	---	---	41	40	111	90	4.7
20	---	---	---	---	---	---	---	40	41	109	103	---
21	---	---	---	---	---	---	---	40	43	107	107	---
22	---	---	---	---	---	---	---	39	41	105	106	---
23	---	---	---	---	---	---	---	37	39	107	50	---
24	---	---	---	---	---	---	---	38	38	107	49	---
25	---	---	---	---	---	---	---	39	41	105	50	---
26	---	---	---	---	---	---	---	41	43	105	52	---
27	---	---	---	---	---	---	---	40	43	116	53	---
28	---	---	---	---	---	---	---	36	44	105	53	---
29	---	---	---	---	---	---	0.00	39	48	100	56	---
30	---	---	---	---	---	---	41	25	53	100	66	---
31	---	---	---	---	---	---	---	41	---	100	66	---
TOTAL	0	0	0	0	0	0	41	1201	1220	2976	2625	840.3
MEAN	---	---	---	---	---	---	20.6	38.6	40.7	95.9	84.7	44.2
MAX	---	---	---	---	---	---	41	99	53	116	117	65
MIN	---	---	---	---	---	---	0.00	25	37	55	49	4.7
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	81	2382	2420	5903	5207	1667
CAL YEAR 2006	MAX	124.0	MIN	0.000	AC-FT	21510						
WTR YEAR 2007	MAX	117.0	MIN	0.000	AC-FT	17660						

PLATTE RIVER BASIN (Loup River)

NORTH LOUP RIVER at Ord, 06788500

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 7,180 cubic feet per second August 22, gage height 4.77 feet; maximum gage height 5.51 feet February 22 due to backwater from ice; minimum daily discharge 325 cubic feet per second January 13.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	888	659	401	402	800e	1110	1150	953	1570	800	577	698
2	897	664	461	479	785e	1030	1040	1070	1290	762	582	692
3	753	679	610	732	775e	897	1070	1010	1250	677	647	694
4	669	681	603	895	760e	1010	955	1010	1150	651	674	664
5	684	666	650e	872	775e	1370	824	1950	842	595	688	627
6	682	699	700e	810	810e	1280	730	2300	843	561	698	638
7	688	719	650e	829	820e	1150	697	1820	1370	501	601	652
8	685	732	650e	805	820e	1200	670	1480	1190	484	603	677
9	792	735	737	787	800e	1280	626	1320	956	605	596	726
10	798	778	842	778	790e	1280	628	1100	750	449	655	968
11	784	807	870	747	800e	1220	616	591	729	433	562	899
12	737	785	778	582	820e	1170	619	964	723	466	769	837
13	733	733	767	325	790e	1130	575	907	971	531	815	809
14	674	701	741	340e	720e	1090	609	522	1290	525	673	780
15	638	775	809	400e	700e	985	608	476	1190	488	610	778
16	666	759	803	520e	750e	944	618	824	1080	506	638	792
17	582	740	763	650e	900e	867	797	637	981	470	632	948
18	620	705	790	700e	1000e	914	877	578	969	445	686	980
19	683	657	758	755e	1150e	934	891	562	937	685	634	978
20	677	629	951	730e	2010e	1010	831	566	833	635	570	940
21	692	646	1030	720e	2100e	983	790	553	703	503	560	907
22	724	659	931	710e	2210e	965	917	587	694	506	2340	897
23	732	692	725	720e	2140e	856	1380	744	732	519	2430	881
24	701	712	681	752e	1990e	900	1810	581	662	498	876	887
25	698	751	629	740e	1780	1070	2930	522	624	480	772	892
26	691	727	609	785e	1080	982	2080	679	619	462	775	899
27	666	720	661	840e	1110	885	1540	824	597	457	777	881
28	628	666	656	830e	1130	921	1360	835	575	536	568	892
29	629	548	697	820e	---	962	1280	2050	551	534	730	982
30	653	499	667	820e	---	1180	1160	3310	668	559	735	1250
31	689	---	613	820e	---	1250	---	2000	---	557	745	---
TOTAL	21833	20923	22233	21695	31115	32825	30678	33325	27339	16880	24218	25145
MEAN	704.2	697.5	717.0	699.8	1111	1059	1023	1075	911.4	544.5	781.2	838.2
MAX	897	807	1030	895	2210	1370	2930	3310	1570	800	2430	1250
MIN	582	499	401	325	700	856	575	476	551	433	560	627
AC-FT	43310	41500	44100	43030	61720	65110	60850	66100	54230	33480	48040	49870
CAL YEAR 2006	TOTAL		244482	MEAN	669.8	MAX	2010	MIN	231.0	AC-FT	484900	
WTR YEAR 2007	TOTAL		308209	MEAN	844.4	MAX	3310	MIN	325.0	AC-FT	611300	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	16	40	115	57
2	---	---	---	---	---	---	---	0.00	11	46	104	58
3	---	---	---	---	---	---	---	0.00	17	53	96	58
4	---	---	---	---	---	---	---	0.00	13	74	96	60
5	---	---	---	---	---	---	---	0.00	6.8	96	95	69
6	---	---	---	---	---	---	---	0.00	14	103	102	68
7	---	---	---	---	---	---	---	0.00	16	105	98	59
8	---	---	---	---	---	---	---	12	16	103	98	61
9	---	---	---	---	---	---	---	29	15	110	98	63
10	---	---	---	---	---	---	---	23	15	107	102	63
11	---	---	---	---	---	---	---	5.8	18	115	98	44
12	---	---	---	---	---	---	---	3.7	17	119	101	39
13	---	---	---	---	---	---	---	0.00	20	118	94	44
14	---	---	---	---	---	---	---	0.00	21	120	96	43
15	---	---	---	---	---	---	0.00	9.3	18	117	99	41
16	---	---	---	---	---	---	0.00	66	17	120	97	43
17	---	---	---	---	---	---	0.00	44	15	115	99	27
18	---	---	---	---	---	---	0.00	19	16	117	99	11
19	---	---	---	---	---	---	0.00	11	16	110	97	10
20	---	---	---	---	---	---	0.00	10.0	21	90	99	4.2
21	---	---	---	---	---	---	0.00	13	29	90	101	---
22	---	---	---	---	---	---	0.00	31	34	88	107	---
23	---	---	---	---	---	---	0.00	24	34	89	4.3	---
24	---	---	---	---	---	---	0.00	21	34	103	0.00	---
25	---	---	---	---	---	---	0.00	22	37	117	0.00	---
26	---	---	---	---	---	---	0.00	29	39	118	0.00	---
27	---	---	---	---	---	---	0.00	27	39	121	0.00	---
28	---	---	---	---	---	---	0.00	38	39	121	28	---
29	---	---	---	---	---	---	0.00	67	40	109	66	---
30	---	---	---	---	---	---	0.00	25	42	112	59	---
31	---	---	---	---	---	---	---	12	---	118	58	---
TOTAL	0	0	0	0	0	0	0	541.8	685.8	3164	2406.3	922.2
MEAN	---	---	---	---	---	---	0.000	17.5	22.8	102.1	77.7	46.1
MAX	---	---	---	---	---	---	0.00	67	42	121	115	69
MIN	---	---	---	---	---	---	0.00	0.00	6.8	40	0.00	4.2
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1075	1360	6276	4773	1829
CAL YEAR 2006	MAX	123.0	MIN	13.0	AC-FT	17140						
WTR YEAR 2007	MAX	121.0	MIN	0.000	AC-FT	15310						

PLATTE RIVER BASIN (Loup River)

MIRA CREEK near North Loup, 06788988

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

DRAINAGE AREA.--65.1 Square miles.

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

PERIOD OF RECORD.--1979 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,130 cubic feet per second May 30, gage height 8.76 feet; minimum daily discharge 0.88 cubic feet per second October 8.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5	1.4	2.4	7.4	3.0e	16	21	17	183	13	19	7.5
2	1.2	2.0	2.4	6.8	3.0e	12	18	14	54	12	17	9.4
3	1.2	2.4	2.3	5.7	2.9e	9.5	26	13	33	12	16	9.8
4	1.3	1.8	2.2	5.1	2.8	13	21	12	26	11	16	8.4
5	1.2	1.5	2.2	5.9	2.6	17	18	28	22	10	16	6.7
6	1.0	1.5	2.1	5.5	2.8	14	16	39	20	10	21	5.8
7	0.95	1.5	1.7	5.0	3.8	11	13	33	19	11	20	5.4
8	0.88	1.5	1.9	6.5	4.6	9.8	11	24	17	11	19	7.3
9	1.4	1.5	2.2	5.7	3.3	9.8	11	19	15	12	22	15
10	1.5	1.5	2.2	6.3	3.1	9.0	11	16	14	12	20	34
11	1.5	1.5	2.3	5.4	3.1	8.3	10	13	14	12	18	24
12	1.4	1.5	2.3	5.0	3.1	7.9	9.6	11	13	12	18	18
13	1.2	1.5	2.3	5.1	3.0	7.8	8.9	9.5	59	11	17	15
14	1.2	1.5	2.3	4.1	3.7	7.9	8.3	8.2	73	11	15	12
15	1.2	2.3	2.3	3.9	4.0	8.0	7.8	7.5	52	14	15	9.8
16	1.2	2.4	2.3	4.6	4.8	7.6	7.5	6.7	29	14	16	8.3
17	1.2	2.4	2.4	4.1	8.4	7.1	7.7	6.2	22	15	15	6.9
18	1.3	2.3	2.4	3.9	17	6.8	6.8	6.0	19	15	16	5.6
19	1.3	2.2	2.0	3.9	195	6.6	6.7	5.7	18	20	15	5.2
20	1.2	2.2	3.6	3.9	341	6.6	6.5	5.7	17	21	15	4.6
21	1.3	2.2	8.5	3.9	450	6.5	6.2	6.3	16	19	14	4.2
22	1.3	2.2	8.8	4.4	389	6.3	6.8	9.3	48	17	31	4.1
23	1.2	2.2	7.1	4.8	270	5.9	8.3	10	24	16	204	3.5
24	1.2	2.2	6.2	4.7	239	9.3	26	9.5	21	15	116	2.9
25	1.3	2.2	5.2	4.2	105	14	149	10	18	15	40	2.8
26	1.3	2.2	4.4	4.1	47	12	135	20	16	16	22	2.6
27	1.2	2.2	4.5	4.0e	28	12	59	28	15	16	15	2.5
28	1.1	2.4	4.2	3.7e	21	15	32	31	14	16	12	2.4
29	1.1	2.3	6.0	3.4e	---	14	24	246	13	18	10	2.4
30	1.0	2.2	7.8	3.2e	---	17	19	1260	13	18	9.6	2.9
31	1.6	---	6.4	3.0e	---	20	---	356	---	20	7.7	---
TOTAL	38.43	58.7	114.9	147.2	2164	327.7	711.1	2280.6	917	445	827.3	249
MEAN	1.2	2.0	3.7	4.7	77.3	10.6	23.8	73.7	30.6	14.4	26.7	8.3
MAX	1.6	2.4	8.8	7.4	450	20	149	1260	183	21	204	34
MIN	0.88	1.4	1.7	3.0	2.6	5.9	6.2	5.7	13	10	7.7	2.4
AC-FT	76	116	228	292	4292	650	1410	4524	1819	883	1641	494
CAL YEAR 2006	TOTAL		1937	MEAN	5.3	MAX	230.0	MIN	0.88	AC-FT	3843	
WTR YEAR 2007	TOTAL		8281	MEAN	22.7	MAX	1260	MIN	0.88	AC-FT	16420	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

CEDAR RIVER near Spalding, 06791500

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,540 cubic feet per second on April 27, gage height 6.03 feet; minimum daily discharge 80 cubic feet per second estimated February 14.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	124	123	150e	135e	90e	205	388	438	520	119	136	143
2	123	127	135e	175e	95e	171	415	352	530	119	136	148
3	122	133	130e	181	100e	180e	403	277	480	118	142	151
4	122	136	150e	177	95e	220e	358	244	380	115	140	147
5	120	138	150e	179	120e	222	311	287	328	110	148	140
6	123	137	140e	169	110e	183	364	527	226	111	141	140
7	123	140	160e	163	100e	189	174	600	285	109	144	145
8	120	140	175e	162	95e	204	210	685	326	116	143	141
9	140	134	165e	165	105e	228	220	813	248	114	142	137
10	144	130	158	162	120e	250	220	673	252	106	138	194
11	138	134	144	162	140e	266	217	497	257	105	136	187
12	138	141	139	150e	120e	255	224	364	224	117	145	161
13	128	146	142	125e	100e	229	221	301	472	133	160	151
14	132	143	149	100e	80e	208	214	214	559	115	146	141
15	126	164	138	85e	120e	164	206	206	401	116	142	137
16	128	171	142	100e	170e	162	204	168	419	117	142	137
17	126	169	139	120e	220e	157	198	155	429	118	146	139
18	124	158	135	125e	275e	143	193	155	405	116	150	143
19	123	160	131	140e	300e	147	191	152	304	149	153	141
20	126	161	156	160e	325e	142	197	111	303	204	150	138
21	132	160	207	150e	322	141	205	135	257	171	147	139
22	127	161	192	130e	308	138	242	145	185	146	256	133
23	123	160	164	140e	300	131	297	174	175	133	329	134
24	124	158	158	155e	329	190	443	179	172	134	310	135
25	122	160	153	170e	292	236	856	206	163	132	208	129
26	123	169	144	170e	251	264	1060	234	132	128	178	127
27	121	173	143	160e	206	324	1450	219	127	135	164	125
28	121	164	141	140e	196	371	1180	212	125	142	155	122
29	125	161	141	120e	---	335	775	277	116	141	146	148
30	149	145e	165	100e	---	330	576	608	118	139	145	159
31	121	---	133	95e	---	346	---	585	---	137	145	---
TOTAL	3938	4496	4669	4465	5084	6731	12212	10193	8918	3965	5063	4312
MEAN	127.0	149.9	150.6	144.0	181.6	217.2	406.9	328.8	297.3	127.8	163.2	143.8
MAX	149	173	207	181	329	371	1450	813	559	204	329	194
MIN	120	123	130	85	80	131	174	111	116	105	136	122
AC-FT	7811	8918	9261	8856	10080	13350	24220	20220	17690	7864	10040	8553
CAL YEAR 2006	TOTAL		53737	MEAN	147.2	MAX	336.0	MIN	97.0	AC-FT	106600	
WTR YEAR 2007	TOTAL		74046	MEAN	202.9	MAX	1450	MIN	80.0	AC-FT	146900	

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 1,638.39 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 7,530 cubic feet per second May 30, gage height 9.30 feet; minimum daily discharge 84 cubic feet per second July 11.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	180	204	210e	270e	113e	178	510	612	801	148	167	210
2	205	192	200e	240e	105e	189	530	595	694	153	154	215
3	197	202	190e	260e	100e	200e	588	469	670	138	140	215
4	188	193	240e	280e	105e	240e	496	361	572	129	140	204
5	198	196	250e	291	130e	283	406	381	387	110	143	184
6	203	200	230e	272	150e	371	364	500	365	106	167	185
7	170	207	190e	255	120e	326	381	786	254	97	231	186
8	183	205	220e	251	120e	294	300	708	298	91	269	185
9	229	199	250e	243	120e	318	285	881	309	90	234	194
10	250	201	257	250	150e	395	327	768	310	96	209	320
11	223	195	304	200e	180e	352	333	744	239	84	183	319
12	235	186	282	160e	150e	350	315	491	291	114	202	289
13	208	196	259	145e	120e	352	304	424	498	202	646	237
14	221	208	255	135e	110e	332	301	355	1270	213	339	206
15	225	208	225e	110e	100e	305	291	307	666	197	231	202
16	202	203	209	120e	150e	290	276	264	518	185	217	201
17	207	221	205e	150e	250e	281	270	268	517	170	233	206
18	218	241	206	175e	450e	271	262	236	527	146	216	211
19	209	234	239	200e	650e	272	259	238	500	192	216	207
20	229	240	251	200e	850e	276	262	247	400	223	203	200
21	236	244	243	190e	1000e	271	255	221	364	236	224	197
22	212	241	297	170e	1200e	274	252	231	414	228	239	190
23	221	235	265e	200e	800e	264	262	457	425	194	446	194
24	238	224	240	220e	430	311	437	424	234	185	481	191
25	235	231	231	240e	405	348	781	307	252	160	422	208
26	231	219	230e	260e	272	404	991	310	246	138	302	199
27	212	224	234	200e	227	386	1030	365	222	161	242	192
28	186	232	226	210e	195	417	1210	393	195	167	245	190
29	174	200e	231	160e	---	569	949	488	182	175	240	191
30	180	190e	272	120e	---	593	719	4330	176	174	233	212
31	202	---	283	120e	---	516	---	1160	---	169	219	---
TOTAL	6507	6371	7424	6297	8752	10228	13946	18321	12796	4871	7833	6340
MEAN	209.8	212.3	239.5	203.1	312.5	330.0	464.8	590.8	426.6	157.1	252.7	211.4
MAX	250	244	304	291	1200	593	1210	4330	1270	236	646	320
MIN	170	186	190	110	100	178	252	221	176	84	140	184
AC-FT	12910	12640	14730	12490	17360	20290	27660	36340	25380	9661	15540	12580
CAL YEAR 2006	TOTAL		77537	MEAN	212.4	MAX	731.0	MIN	35.0	AC-FT	153800	
WTR YEAR 2007	TOTAL		109686	MEAN	300.5	MAX	4330	MIN	84.0	AC-FT	217600	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

LOUP RIVER POWER CANAL RETURN at Columbus, 00082100

LOCATION.--SEL/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 1,000 cubic feet per second are fair.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,980 cubic feet per second April 26, gage height 13.10 feet; minimum daily discharge 52 cubic feet per second January 14.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2290	2140	355e	67	1840	1660	2610	1790	2660	1490	1520	1750
2	1980	2040	268e	219	1630	906	2910	1630	2500	1300	1740	1990
3	2170	1810	211e	373	1370	730	2460	1600	2540	1900	826	1710
4	2240	1950	253e	857	1340	474	2430	1730	2140	1030	1320	1550
5	2040	1570	528e	1020	1340	1270	2410	1710	1550	1240	1120	1670
6	2200	1970	916e	447	1230	2160	2960	1810	1860	1030	1270	1690
7	1890	1580	83	882	1290	2240	1700	2790	1630	1110	1760	1500
8	2230	1650	225	645	1420	2250	2760	1950	1500	1190	2660	1750
9	2090	1600	120	479	1840	2540	2640	2260	1780	1460	2440	1490
10	1850	1980	1110	634	1820	2510	2030	2360	1980	1210	2730	2000
11	1830	1660	830	576	1960	2580	1910	733	1500	1790	2240	2600
12	1840	1870	1390	123	2030	1840	2210	2030	1350	1170	1000	2320
13	2020	1960	624	58	2150	2910	1950	836	2380	1440	2390	2280
14	2190	1580	1570	52	1830	2850	1830	1130	2570	1430	2400	2000
15	2380	2120	1530	120	1880	2790	1990	1820	2610	966	2270	1910
16	2180	1870	1420	240	2180	2940	1640	1270	2780	888	1780	1910
17	2100	2780	1540	415	2060	2570	1640	1140	2210	1030	1390	2090
18	2030	2250	1070	631	2010	1880	1870	1570	2240	1080	1480	1980
19	2510	2320	388	949	2200	1100	1710	1880	1820	1100	1590	2130
20	2220	1870	1150	1580	2280	900	2060	1510	2100	1360	1560	2140
21	2330	2370	1200	1190	2290e	1850	1860	1490	1930	1670	1650	1850
22	2470	2390	1550	1670	2420e	2440	2310	1190	1640	1480	1650	1910
23	2390	1740	556	1830	2230e	2940	2050	1920	1700	1250	2360	2230
24	2700	2110	692	1960	2090	2140	2520	1960	1520	879	2440	1390
25	2040	2390	766	1900	2000	2760	2840	1770	1380	935	2320	1390
26	2150	2350	110	1520	2120	2400	2920	1880	1670	1140	2260	1720
27	2430	2130	808	1380	1810	2420	2250	1690	1810	777	2290	1920
28	1800	2560	887	1890	1940	2570	2390	1780	1400	1170	2020	1930
29	2340	412	1540	1810		--- 2800	2150	1890	1140	1190	2900	1990
30	1970	80	1770	1900		--- 2140	2300	2000	1380	1740	1290	2090
31	1960	---	213	1790		--- 3360	---	2500	---	1270	1920	---
TOTAL	66860	57102	25673	29207	52600	66920	67310	53619	57270	38715	58586	56880
MEAN	2156	1904	828.1	941.5	1879	2158	2244	1729	1908	1249	1889	1896
MAX	2700	2780	1770	1960	2420	3360	2960	2790	2780	1900	2900	2600
MIN	1800	80	83	52	1230	474	1640	733	1140	777	826	1390
AC-FT	132600	113300	50920	57930	104300	132700	133500	106400	113600	76790	116200	112800
CAL YEAR 2006	TOTAL		537552	MEAN	1473	MAX	2970	MIN	46.0	AC-FT	1066000	
WTR YEAR 2007	TOTAL		630742	MEAN	1728	MAX	3360	MIN	52.0	AC-FT	1251000	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

BEAVER CREEK at Loretto, 06793500

LOCATION.--NEL/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 1,380 cubic feet per second April 27, gage height 7.30 feet; maximum gage height 7.60 feet February 21 due to ice conditions; minimum daily discharge 41 cubic feet per second estimated January 16.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	49	56	46e	108e	56e	118e	309	243	344	75	50	117
2	48	56	43e	110e	55e	81e	294	204	257	70	49	107
3	47	58	47e	112e	54e	54e	233	184	225	65	50	106
4	46	58	52e	124e	55e	62e	201	174	194	63	51	97
5	47	59	48e	144e	57e	82e	166	183	163	61	49	89
6	48	59	47e	144e	57e	100e	139	297	147	59	52	84
7	49	59	43e	132e	57e	113e	124	316	135	58	66	81
8	47	59	46e	124e	58e	132e	116	282	130	55	172	80
9	52	58	52e	123e	62e	162e	112	263	123	52	140	77
10	59	58	53e	126e	67e	169e	108	249	121	51	203	101
11	55	59	57e	123e	64e	164e	108	221	115	49	242	128
12	54	60	56e	103e	44e	150e	110	192	107	50	172	106
13	54	60	58e	71e	42e	138e	108	170	110	59	224	89
14	53	60	57e	53e	53e	129e	103	150	201	56	169	80
15	53	63	58e	42e	52e	118e	100	136	643	53	155	75
16	54	69	64e	41e	54e	107e	95	127	760	52	138	74
17	53	65	64e	44e	67e	100e	90	122	547	50	128	74
18	53	62	67e	46e	73e	97e	88	117	352	48	107	71
19	56	60	71e	46e	119e	94e	86	110	247	54	99	73
20	57	58	80e	46e	307e	91e	87	105	209	75	93	72
21	58	56	108e	48e	563e	89e	88	102	179	70	88	69
22	61	55	130e	52e	660e	87	86	103	159	63	225	66
23	60	55	142e	53e	294e	84	97	134	142	57	884	66
24	59	56	112e	51e	226e	98	160	119	129	52	840	64
25	58	56	98e	54e	206e	218	485	103	118	51	553	63
26	57	55	90e	64e	183e	261	1010	100	106	49	367	63
27	57	57e	84e	57e	148e	230	1110	105	96	52	253	62
28	57	57e	81e	51e	135e	187	666	108	89	52	201	62
29	57	57e	85e	52e	---	160	485	142	83	53	165	76
30	56	51e	102e	52e	---	199	332	795	79	52	143	108
31	56	---	123e	53e	---	276	---	490	---	53	130	---
TOTAL	1670	1751	2264	2449	3868	4150	7296	6146	6310	1759	6258	2480
MEAN	53.8	58.4	73.0	78.9	138.1	133.8	243.1	198.3	210.5	56.7	201.9	82.7
MAX	61	69	142	144	660	276	1110	795	760	75	884	128
MIN	46	51	43	41	42	54	86	100	79	48	49	62
AC-FT	3312	3473	4491	4858	7672	8231	14470	12190	12520	3489	12410	4919
CAL YEAR 2006 TOTAL			22958	MEAN	62.9	MAX	394.0	MIN	29.0	AC-FT	45540	
WTR YEAR 2007 TOTAL			46401	MEAN	127.1	MAX	1110	MIN	41.0	AC-FT	92040	

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 elevation approximately 2,042 feet above sea level from
topographic map.

PERIOD OF RECORD.--1982 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 795 cubic feet per second April 25, gage height 6.46 feet;
minimum daily discharge 3.2 cubic feet per second August 8.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.0	7.9	9.6e	19e	20e	55e	429	187	83	47	4.3	11
2	5.5	8.4e	14e	30e	31e	58e	444	145	71	42	4.0	10
3	4.2	9.6e	13e	41e	25e	45e	386	119	66	38	3.8	9.6
4	4.1	10e	20e	33e	20e	48e	313	111	61	34	4.0	9.4
5	4.2	11	27e	16e	23e	69e	239	204	55	30	3.7	8.2
6	4.2	11	17e	20e	18e	99e	181	407	51	29	3.7	7.3
7	4.4	12	10e	21e	13e	117e	142	429	60	26	3.5	7.7
8	4.3	12	18e	18e	31e	162e	117	407	56	24	3.2	7.3
9	4.3	12	34e	9.5e	23e	254	111	348	51	22	3.8	6.8
10	4.0	11	32e	21e	33e	414	107	280	49	20	7.5	8.4
11	4.3	12	25e	25e	19e	401	107	218	44	18	5.2	9.4
12	4.5	12	12e	23e	25e	304	107	170	42	18	5.4	9.0
13	4.7	13	15e	19e	18e	232	106	136	70	16	5.3	8.4
14	5.2	13	10e	25e	16e	172	102	110	156	16	4.5	8.2
15	6.0	15	10e	12e	11e	134	97	91	319	15	4.3	8.3
16	6.2	14	8.1e	18e	17e	111	89	80	377	15	15	9.2
17	6.5	14	8.5e	23e	23e	99	78	72	277	14	18	8.9
18	6.3	15	11e	28e	27e	89	70	66	195	13	14	9.2
19	6.1	14	14e	19e	40e	80	61	61	163	12	12	9.7
20	7.0	14	13e	32e	46e	71	56	59	152	11	12	9.4
21	7.6	16	13e	24e	49e	68	54	53	128	10	12	12
22	7.7	16	13e	28e	38e	61	71	52	118	9.0	14	9.4
23	8.0	14	11e	21e	30e	56	214	58	118	8.4	17	9.0
24	8.5	14	14e	30e	32e	57	427	49	124	7.7	17	9.3
25	8.7	14	15e	20e	28e	74	705	45	116	7.3	16	9.1
26	8.6	13	16e	22e	43e	82	708	45	100	6.7	15	9.9
27	9.2	14	16e	29e	30e	80	554	41	83	6.1	15	9.6
28	8.7	6.8e	13e	25e	43e	81	430	41	70	5.3	14	9.3
29	9.5	6.4e	13e	28e	---	95	337	53	61	5.1	14	9.2
30	9.1	11e	30e	19e	---	183	253	73	53	4.8	13	11
31	8.4	---	28e	25e	---	325	---	91	---	4.6	12	---
TOTAL	194	366.1	503.2	723.5	772	4176	7095	4301	3369	535	296.2	273.2
MEAN	6.3	12.2	16.2	23.4	27.7	134.8	236.5	138.7	112.2	17.3	9.6	9.1
MAX	9.5	16	34	41	49	414	708	429	377	47	18	12
MIN	4.0	6.4	8.1	9.5	11	45	54	41	42	4.6	3.2	6.8
AC-FT	385	726	998	1435	1531	8283	14070	8531	6682	1061	588	542
CAL YEAR 2006 TOTAL			20355	MEAN	55.8	MAX	2120	MIN	0.15	AC-FT	40370	
WTR YEAR 2007 TOTAL			22604	MEAN	61.9	MAX	708.0	MIN	3.2	AC-FT	44830	

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. Elevation of the gage is approximately 1,880 feet from topographic map.

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 5,640 cubic feet per second March 18, 1987, gage height 7.59 feet; minimum daily discharge 11 cubic feet per second January 15, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,050 cubic feet per second on April 26, gage height 5.09 feet; minimum daily discharge 21 cubic feet per second estimated December 31.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	30	36	40e	23e	54e	41e	231	207	275	55	33	32
2	30	37	40e	29e	55e	33e	213	133	234	51	39	33
3	30	37	38e	37e	62e	147e	187	104	180	50	30	33
4	31	35	38e	38e	63e	155e	174	87	141	47	37	30
5	34	35	37e	33e	67e	118e	181	166	119	47	30	30
6	34	35	33e	28e	68e	59e	145	539	102	44	29	33
7	30	34	35e	24e	68e	29e	115	969	138	43	27	33
8	31	34	48e	24e	68e	34	87	692	133	42	26	31
9	42	35	58e	30e	67e	90	85	410	154	42	25	36
10	37	35	51e	38e	76e	157	94	261	142	42	41	48
11	35	35	45e	42e	72e	244	103	165	120	41e	29	41
12	34	34	44e	42e	63e	192	103	122	100	43e	30	39
13	36	34	41	43e	49e	162	111	90	195	47e	30	38
14	35	36	38e	45e	40e	145	107	69	249	48e	29	40
15	33	44	39e	36e	40e	127	97	47	349	51e	37	42
16	31	42	37e	34e	51e	116	88	38	379	56e	51	44
17	30	36	36e	37e	57e	110	88	33	356	51e	45	45
18	36	37	35	38e	66e	103	82	29	274	45e	40	50
19	39	37	38	40e	72e	95	83	28	199	44	35	45
20	38	36	51	42e	83e	90	78	26	157	41	33	43
21	41	34	68	45e	85e	87	90	25	137	38	37	42
22	39	31	58	48e	94e	80	116	29	115	36	71	41
23	39	34	52	54e	132e	72	266	38	101	33	83	38
24	38	35	44	63e	159e	90	901	39	88	30	68	40
25	38	38	36	64e	128e	109	1490	39	78	28	60	41
26	36	37	32	59e	63e	132	1810	38	69	29	53	41
27	35	38	29	49e	55e	159	1480	37	66	41	44	42
28	37	38	26e	41e	51e	140	1290	37	65	34	45	42
29	36	46e	25e	37e	---	131	741	46	63	33	41	37
30	33	41e	24e	36e	---	162	343	92	61	33	37	36
31	34	---	21e	47e	---	188	---	186	---	31	34	---
TOTAL	1082	1096	1237	1246	2008	3597	10979	4821	4839	1296	1249	1166
MEAN	34.9	36.5	39.9	40.2	71.7	116.1	366.0	155.5	161.3	41.8	40.3	38.9
MAX	42	46	68	64	159	244	1810	969	379	56	83	50
MIN	30	31	21	23	40	29	78	25	61	28	25	30
AC-FT	2146	2174	2454	2471	3983	7135	21780	9562	9598	2571	2477	2313
CAL YEAR 2006 TOTAL			15580	MEAN	42.7	MAX	324.0	MIN	15.0	AC-FT	30900	
WTR YEAR 2007 TOTAL			34616	MEAN	94.8	MAX	1810	MIN	21.0	AC-FT	68660	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER at Neligh, 06798500

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

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

GAGE.--Continuous stage recorder. Gage datum is 1,717.50 feet above sea level.

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 8,090 cubic feet per second April 26, gage height 9.98 feet; minimum daily discharge 70 cubic feet per second estimated November 30.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	111	124	119e	77e	149e	870e	1480	1020	992	317	169	216
2	106	123	155e	131e	161e	926e	1520	731	953	289	170	205
3	104	129	155e	210e	131e	1010e	1460	496	861	282	174	200
4	103	134	143e	210e	161e	1000e	1220	375	766	306	172	187
5	104	138	155e	222e	204e	888e	1020	412	650	277	171	175
6	108	138	137e	204e	186e	849e	808	1580	520	262	162	176
7	105	138	137e	204e	161e	881e	644	2940	585	251	166	173
8	106	139	125e	204e	152e	924	514	2630	692	235	163	157
9	139	140	155e	204e	167e	1550	459	1890	674	228	158	148
10	150	135	180e	200e	198e	1620	454	1350	625	225	291	185
11	138	131	180e	197e	186e	1890	483	1410	503	219	236	184
12	132	140	174e	204e	192e	1970	494	1100	408	231	245	175
13	132	143	174e	210e	186e	1740	485	914	518	222	313	161
14	134	143	174e	167e	131e	1550	448	724	2110	211	257	156
15	135	160	180e	161e	125e	1230	444	677	2200	204	256	154
16	139	156	174e	198e	137e	1070	490	660	2270	238	630	152
17	138	144	174e	186e	148e	997	475	663	2060	220	484	153
18	151	132	155e	192e	143e	976	436	435	1730	203	366	163
19	155	132	143e	180e	124e	935	458	269	1370	264	310	169
20	153	128	174e	167e	174e	860	421	243	1100	223	268	161
21	170	129	252e	149e	368e	777	440	218	845	209	252	153
22	165	133	246e	143e	661e	715	478	220	774	203	485	147
23	154	131	204e	149e	980e	651	789	282	809	196	1050	140
24	151	125e	192e	154e	1250e	676	1830	278	741	191	868	143
25	148	131e	174e	161e	1400e	950	4460	260	640	182	652	147
26	146	121e	143e	174e	1350e	1100	7470	251	567	175	472	146
27	141	119e	161e	180e	1110e	1100	7060	226	507	182	372	146
28	138	137e	161e	174e	924e	953	4490	218	447	184	319	139
29	135	113e	180e	155e	---	901	2480	248	394	177	282	170
30	137	70e	192e	155e	---	1300	1500	920	351	175	254	200
31	121	---	155e	155e	---	1270	---	891	---	170	233	---
TOTAL	4149	3956	5223	5477	11259	34129	45210	24531	27662	6951	10400	4981
MEAN	133.9	131.9	168.4	176.6	401.9	1101	1507	791.2	921.9	224.3	335.4	165.9
MAX	170	160	252	222	1400	1970	7470	2940	2270	317	1050	216
MIN	103	70	119	77	124	651	421	218	351	170	158	139
AC-FT	8229	7847	10360	10860	22330	67690	89670	48660	54870	13790	20630	9880
CAL YEAR 2006	TOTAL		87811	MEAN	240.6	MAX	3050	MIN	42.0	AC-FT	174200	
WTR YEAR 2007	TOTAL		183928	MEAN	503.9	MAX	7470	MIN	70.0	AC-FT	364800	

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.--Not determined

GAGE.--Continuous stage recorder. Gage datum 1,625 feet from the Tilden 7.5' topographic map.

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

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

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	1860	413	141	309
2	---	---	---	---	---	---	---	---	1810	379	139	285
3	---	---	---	---	---	---	---	---	1540	355	142	273
4	---	---	---	---	---	---	---	---	1290	336	161	259
5	---	---	---	---	---	---	---	---	1110	312	176	250
6	---	---	---	---	---	---	---	---	955	294	152	249
7	---	---	---	---	---	---	---	---	872	280	156	240
8	---	---	---	---	---	---	---	---	1030	261	225	244
9	---	---	---	---	---	---	---	---	1020	243	226	233
10	---	---	---	---	---	---	---	---	1020	230	305	278
11	---	---	---	---	---	---	---	---	889	219	393	295
12	---	---	---	---	---	---	---	---	742	220	294	266
13	---	---	---	---	---	---	---	---	702	240	523	255
14	---	---	---	---	---	---	---	---	2510	225	464	245
15	---	---	---	---	---	---	---	---	3050	218	313	237
16	---	---	---	---	---	---	---	---	3140	264e	658	239
17	---	---	---	---	---	---	---	---	2980	262e	936	246
18	---	---	---	---	---	---	---	---	2610	218	519	267
19	---	---	---	---	---	---	---	---	2140	420	379	291
20	---	---	---	---	---	---	---	---	1710	414	330	299
21	---	---	---	---	---	---	---	---	1350	250	448	291
22	---	---	---	---	---	---	---	---	1180	200	2110	195
23	---	---	---	---	---	---	---	---	1020	183	5160	193
24	---	---	---	---	---	---	---	---	904	173	2360	192
25	---	---	---	---	---	---	---	---	801	162	1390	202
26	---	---	---	---	---	---	---	545	701	156	899	199
27	---	---	---	---	---	---	---	526	607	144	601	206
28	---	---	---	---	---	---	---	503	536	142	526	207
29	---	---	---	---	---	---	---	521	485	142	409	258
30	---	---	---	---	---	---	---	1400	447	145	350	309
31	---	---	---	---	---	---	---	2080	---	144	331	---

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK near Foster, 06799080

LOCATION.--NWL/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 elevation approximately 1,650 feet above mean sea level, from topographic map.

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 441 cubic feet per second April 26, gage height 8.30 feet; minimum daily discharge 5.1 cubic feet per second August 3.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11e	9.4	9.2e	22e	10e	33e	189	40	53	10	6.1	10.0
2	9.7e	9.6	9.3e	23e	10e	30e	241	30	72	10.0	5.9	10
3	9.0e	9.3	9.4e	22e	8.8e	43e	208	26	88	9.9	5.1	9.8
4	8.1e	9.3	9.1e	23e	9.7e	53	129	24	79	9.3	5.8	9.3
5	8.5e	9.1	8.2e	27e	11e	77	75	28	47	8.6	5.9	9.1
6	9.1	9.1	8.3e	32e	11e	70	48	51	29	8.4	5.9	9.1
7	9.6e	9.0	9.6e	33e	10e	62	36	117	23	8.1	7.3	9.2
8	9.9e	9.0	9.6e	31e	9.3e	57	30	164	19	7.8	12	9.0
9	10e	9.1	9.7e	27e	9.1e	53	28	136	17	7.6	11	9.0
10	10e	9.1	9.9e	23e	9.6e	68	28	72	15	7.3	9.9	12
11	10e	9.0	9.5e	20e	9.3e	92	33	44	14	6.2	8.5	11
12	10e	9.1	9.3e	16e	8.3e	92	36	32	13	6.2	16	10.0
13	9.9e	9.0	9.9e	13e	7.3e	61	37	25	14	6.2	12	9.6
14	9.8	9.0	10e	13e	6.7e	46	34	20	18	5.9	9.4	9.3
15	10	11	10e	7.5e	6.9e	39	29	17	21	6.5	8.9	9.3
16	10	11	9.9e	7.5e	9.6e	33	25	15	20	12	8.7	9.5
17	10	9.8	9.9e	8.3e	12e	29	22	14	17	8.2	8.6	9.4
18	11	9.5	11e	10e	13e	27	20	13	16	7.7	8.7	9.5
19	11	9.6	11e	13e	14e	25	19	12	16	10	8.3	9.7
20	11	9.5	12e	14e	21e	23	19	11	15	8.7	8.2	9.6
21	13	9.7	12e	14e	30e	23	18	11	13	8.0	8.2	9.4
22	13	9.7	15e	13e	38e	22	17	11	13	7.8	9.9	9.2
23	12	9.6	18e	12e	43e	21	18	14	12	7.4	41	9.3
24	12	9.8	18e	12e	46e	23	50	13	12	6.5	27	9.2
25	12	9.6	17e	11e	47e	54	192	12	11	6.1	22	9.4
26	12	9.5	16e	11e	49e	80	401	12	11	5.8	17	9.3
27	12	9.3e	15e	11e	49e	63	355	12	10	5.9	15	9.3
28	11	9.2e	14e	11e	44e	39	243	12	10	5.9	13	9.2
29	11	9.1e	16e	10e	---	32	132	12	10	6.4	12	13
30	11	9.1e	17e	10.0e	---	78	62	42	10	6.2	11	12
31	9.5	---	19e	9.9e	---	129	---	42	---	6.2	10	---
TOTAL	326.1	283.1	371.8	510.2	552.6	1577	2774	1084	718	236.8	358.3	292.7
MEAN	10.6	9.4	12.1	16.4	19.8	50.9	92.4	34.9	24.0	7.6	11.6	9.8
MAX	13	11	19	33	49	129	401	164	88	12	41	13
MIN	8.1	9.0	8.2	7.5	6.7	21	17	11	10	5.8	5.1	9.0
AC-FT	647	562	737	1012	1096	3128	5502	2150	1424	470	711	581
CAL YEAR 2006	TOTAL		4950	MEAN	13.6	MAX	230.0	MIN	5.6	AC-FT	9817	
WTR YEAR 2007	TOTAL		9085	MEAN	24.9	MAX	401.0	MIN	5.1	AC-FT	18020	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5346	5515	5712	6681	7106	7398	8036	8122	7943	6974	6318	7204
2	5340	5517	5711	6725	7107	7368	8174	7922	7876	6964	6278	7210
3	5358	5523	5718	6769	7101	7285	8224	7764	7864	6942	6230	7184
4	5339	5529	5717	6807	7095	7240	8185	7686	7869	6932	6221	7152
5	5333	5541	5723	6851	7090	7232	8065	7686	7841	6911	6197	7133
6	5332	5547	5736	6909	7090	7247	7979	7694	7817	6897	6173	7114
7	5331	5553	5729	6953	7084	7255	7814	7741	7602	6876	6195	7089
8	5336	5566	5736	6998	7091	7277	7721	7821	7544	6849	6304	7076
9	5360	5565	5742	7012	7086	7360	7644	7881	7456	6829	6376	7063
10	5377	5571	5754	7031	7086	7429	7613	7837	7414	6787	6397	7101
11	5376	5577	5773	7044	7087	7513	7590	7763	7342	6756	6396	7095
12	5363	5583	5779	7038	7094	7605	7574	7665	7307	6743	6556	7082
13	5349	5583	5792	7057	7101	7627	7566	7584	7326	6711	6636	7070
14	5336	5595	5805	7089	7095	7604	7551	7504	7307	6674	6653	7051
15	5334	5608	5819	7089	7095	7588	7536	7439	7318	6673	6653	7038
16	5333	5620	5826	7089	7087	7541	7490	7374	7314	6672	6658	7032
17	5328	5620	5840	7089	7078	7510	7444	7333	7272	6659	6652	7051
18	5344	5632	5848	7095	7074	7479	7413	7277	7253	6689	6652	7051
19	5360	5638	5855	7089	7071	7440	7421	7243	7242	6707	6646	7044
20	5364	5657	5975	7095	7094	7417	7353	7210	7208	6688	6658	7044
21	5405	5657	6066	7114	7220	7378	7345	7181	7186	6675	6677	7032
22	5408	5663	6120	7108	7308	7348	7376	7191	7176	6662	6738	7019
23	5418	5669	6174	7114	7398	7332	7368	7214	7160	6649	7406	7013
24	5435	5682	6228	7114	7520	7369	7675	7210	7137	6630	7566	7019
25	5445	5688	6267	7115	7513	7429	8233	7175	7114	6599	7543	7013
26	5455	5700	6306	7122	7474	7482	8649	7178	7086	6563	7497	7006
27	5471	5694	6337	7129	7444	7514	8905	7156	7063	6521	7452	6999
28	5481	5719	6370	7123	7413	7501	8824	7179	7041	6480	7391	6977
29	5497	5699	6435	7117	---	7504	8575	7275	7019	6439	7345	7044
30	5514	5699	6581	7118	---	7629	8333	7991	6996	6399	7292	7067
31	5505	---	6645	7112	---	7866	---	7955	---	6358	7247	---
MEAN	5386	5614	5972	7026	7182	7444	7856	7524	7370	6707	6742	7069
MAX	5514	5719	6645	7129	7520	7866	8905	8122	7943	6974	7566	7210
MIN	5328	5515	5711	6681	7071	7232	7345	7156	6996	6358	6173	6977
CAL YEAR 2006	MEAN	6145	MAX	8155	MIN	4819						
WTR YEAR 2007	MEAN	6820	MAX	8905	MIN	5328						

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK near Pierce, 00232500

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

DRAINAGE AREA.--210 square miles.

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

PERIOD OF RECORD.--1983 - present

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 464 cubic feet per second March 26, 1987, gage height 6.87 feet; minimum daily discharge 0.54 cubic feet per second July 31, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 333 cubic feet per second April 27, gage height 6.15 feet; minimum daily discharge 1.3 cubic feet per second, July 15.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.3	4.9	5.2	5.9	13	52	151	163	126	9.3	1.9	27
2	5.4	4.9	5.3	6.0	13	48	170	125	120	8.0	2.4	27
3	5.2	5.1	5.4	6.0	12	41	195	100	117	6.7	2.3	24
4	5.3	5.1	5.5	6.2	11	35	193	85	114	5.7	2.5	22
5	5.3	5.1	5.5	6.0	11	31	174	80	108	4.4	2.9	18
6	5.2	5.1	5.5	6.5	11	32	148	80	96	3.1	2.9	18
7	5.3	4.9	5.6	8.7	11	33	116	82	86	2.4	3.1	18
8	5.2	4.9	5.7	11	11	35	91	92	69	2.3	3.4	16
9	5.2	4.9	5.6	14	11	40	74	104	59	1.5	3.5	14
10	5.4	5.1	5.2	14	11	47	67	105	52	1.4	3.8	17
11	5.5	5.2	5.3	13	11	54	65	96	46	1.4	4.0	18
12	5.5	5.1	5.4	6.6	10	64	62	86	41	1.4	4.3	17
13	5.5	5.1	5.3	9.6	11	74	60	76	40	1.8	4.5	16
14	5.4	5.0	5.4	11	11	74	58	65	41	1.7	4.7	14
15	5.4	4.9	5.2	12	11	70	56	56	40	1.3	4.9	13
16	5.4	4.9	5.3	12	12	64	54	48	40	1.7	5.0	13
17	5.6	4.9	5.2	12	11	60	50	42	38	2.1	5.0	13
18	5.5	4.8	5.2	12	11	57	48	38	35	2.2	4.9	14
19	5.5	4.8	5.4	12	11	53	45	34	32	2.7	4.8	14
20	5.5	4.9	5.4	12	18	50	43	30	30	3.2	4.7	14
21	5.3	4.8	5.4	13	25	48	43	28	29	3.4	4.5	14
22	5.3	4.8	5.4	13	38	46	44	27	28	3.5	4.5	12
23	5.3	5.0	5.5	13	47	44	48	31	26	3.4	24	11
24	5.2	4.9	5.6	13	61	45	62	31	24	2.9	57	11
25	5.1	5.0	5.6	13	67	51	133	29	22	2.4	62	11
26	4.9	5.0	5.6	13	63	56	229	28	20	2.3	57	11
27	5.1	5.0	5.6	14	58	60	314	26	17	2.3	52	9.9
28	5.1	5.0	5.6	14	54	61	319	25	15	1.8	45	9.4
29	5.0	5.0	5.7	14	---	61	277	27	13	2.0	40	13
30	5.2	5.2	5.9	13	---	68	217	84	11	2.1	35	15
31	5.0	---	6.1	13	---	102	---	131	---	2.0	31	---
TOTAL	164.1	149.3	169.6	342.5	645	1656	3606	2054	1535	92.4	487.5	464.3
MEAN	5.3	5.0	5.5	11.1	22.9	53.5	120.2	66.3	51.2	3.0	15.7	15.5
MAX	5.6	5.2	6.1	14	67	102	319	163	126	9.3	62	27
MIN	4.9	4.8	5.2	5.9	10	31	43	25	11	1.3	1.9	9.4
AC-FT	325	296	336	679	1279	3285	7152	4074	3045	183	967	921
CAL YEAR 2006	TOTAL		3793	MEAN	10.4	MAX	132.0	MIN	0.54	AC-FT	7524	
WTR YEAR 2007	TOTAL		11366	MEAN	31.1	MAX	319.0	MIN	1.3	AC-FT	22540	

**PLATTE RIVER BASIN
(Elkhorn River)**

UNION CREEK at Madison, 06799230

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

DRAINAGE AREA.--173.76 square miles

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

PERIOD OF RECORD.--1978 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 6,630 cubic feet per second May 30, gage height 23.26 feet; minimum daily discharge 4.5 cubic feet per second July 29.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	16	16	52	17	72	148	39	114	20	8.4	18
2	12	16	16	35	17	47	73	35	44	16	16	17
3	11	16	15	25	16	54	59	34	32	18	17	17
4	13	16	15	24	16	46	61	35	39	19	6.9	16
5	12	17	16	21	16	60	40	48	38	18	5.4	15
6	13	16	16	21	16	102	36	94	34	15	6.0	15
7	13	16	16	18	16	73	33	59	33	13	9.0	15
8	12	18	15	16	16	38	33	48	30	15	16	14
9	18	18	17	16	16	40	33	39	30	15	38	15
10	14	18	18	17	16	43	37	33	27	15	82	157
11	16	17	18	15	17	34	46	30	26	12	145	299
12	16	17	18	15	17	31	46	29	26	10.0	24	42
13	15	17	18	14	17	31	37	27	49	13	398	24
14	14	17	18	27	16	30	34	26	565	18	323	20
15	16	20	18	17	16	29	33	26	167	15	30	19
16	17	19	18	15	17	27	31	25	45	17	422	18
17	17	19	18	16	17	27	30	26	35	14	712	18
18	20	18	16	15	17	27	29	23	32	11	84	19
19	22	18	15	15	52	26	28	22	30	16	26	19
20	18	18	23	16	450	26	28	21	29	19	19	19
21	20	18	55	17	866	26	27	20	28	18	17	17
22	21	18	54	18	685	26	28	20	33	11	525	16
23	20	17	26	18	219	26	29	71	52	11	1580	16
24	19	17	21	18	471	37	143	143	31	9.7	1320	17
25	19	17	19	18	1200	69	547	37	26	9.2	133	20
26	20	18	18	18	286	44	395	29	24	9.4	43	22
27	18	16	18	18	92	32	100	26	23	6.8	31	18
28	17	17	17	16	94	29	65	26	22	4.8	25	17
29	17	16	17	16	---	31	53	41	22	4.5	22	18
30	16	16	73	17	---	41	45	2800	21	6.2	20	31
31	16	---	95	18	---	137	---	1480	---	7.5	19	---
TOTAL	505	517	753	602	4711	1361	2327	5412	1707	407.1	6122.7	988
MEAN	16.3	17.2	24.3	19.4	168.4	43.9	77.6	174.5	56.9	13.1	197.6	32.9
MAX	22	20	95	52	1200	137	547	2800	565	20	1580	299
MIN	11	16	15	14	16	26	27	20	21	4.5	5.4	14
AC-FT	1002	1025	1494	1194	9344	2700	4616	10730	3386	807	12140	1960
CAL YEAR 2006	TOTAL		8791	MEAN	24.1	MAX	518.0	MIN	2.1	AC-FT	17440	
WTR YEAR 2007	TOTAL		25413	MEAN	69.6	MAX	2800	MIN	4.5	AC-FT	50410	

**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 3,500 cubic feet per second August 23, gage height 14.79
feet; minimum daily discharge; minimum daily discharge 13 cubic feet per second October 3-10,
13-15, 31, estimated November 29 and January 17.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	13	14e	41e	19e	35	221	72	46	27	62	40
2	14	13	16e	65e	19e	72	117	64	46	27	217	36
3	13	13	14e	64e	21e	87	90	60	49	26	28	32
4	13	14	16e	29e	24e	75	75	62	59	25	23	30
5	13	14	14e	27e	26e	66	66	113	48	23	22	28
6	13	14	15e	25	26e	58	61	123	42	22	21	25
7	13	14	14e	23	28e	76	53	101	39	22	22	25
8	13	14	14e	22	29e	65	56	83	34	21	24	24
9	13	14	15e	22	28e	836	53	73	33	22	28	23
10	13	16	16e	25	28e	526	55	68	33	22	39	55
11	14	16	17e	22e	30e	152	69	63	33	20	31	106
12	14	15	18e	20e	23e	112	64	59	33	19	25	45
13	13	14	18e	17e	26e	91	54	54	36	20	663	31
14	13	15	19e	18e	21e	67	50	51	46	19	74	27
15	13	14	18e	16e	16e	47	47	55	39	17	35	25
16	14	14	17e	14e	17e	40	42	51	37	18	68	26
17	14	14	17e	13e	22e	38	39	48	35	21	126	26
18	14	14	17e	14e	30e	37	38	47	33	18	32	29
19	14	14	18e	15e	41e	36	37	46	33	40	25	47
20	14	14	17e	18e	54e	33	37	45	32	32	23	29
21	15	14	20e	21e	69e	33	36	44	32	22	34	26
22	15	14	20e	24e	86e	33	38	42	52	20	27	24
23	14	14	20e	24e	104e	30	49	52	42	19	1690	23
24	14	15	19e	23e	122e	105	117	75	35	19	891	23
25	14	14	18e	26e	168	96	425	57	33	19	102	70
26	14	14	19e	22e	58	55	232	50	32	18	63	44
27	14	14e	18e	21e	62	43	128	47	31	17	55	29
28	14	15e	18e	17e	53	38	103	46	30	16	51	25
29	14	13e	20e	18e	---	36	89	45	27	15	105	25
30	14	14e	21e	18e	---	48	79	55	27	16	57	26
31	13	---	26e	20e	---	128	---	52	---	15	47	---
TOTAL	424	424	543	744	1250	3194	2620	1903	1127	657	4710	1024
MEAN	13.6	14.2	17.6	24.0	44.7	103.1	87.4	61.3	37.5	21.2	152.0	34.1
MAX	15	16	26	65	168	836	425	123	59	40	1690	106
MIN	13	13	14	13	16	30	36	42	27	15	21	23
AC-FT	841	841	1077	1476	2479	6335	5197	3775	2235	1303	9342	2031
CAL YEAR 2006	TOTAL		6799	MEAN	18.6	MAX	210.0	MIN	4.6	AC-FT	13490	
WTR YEAR 2007	TOTAL		18620	MEAN	51.0	MAX	1690	MIN	13.0	AC-FT	36930	

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 5,600 cubic feet per second August 23, gage height 12.90 feet; minimum daily discharge 71 cubic feet per second estimated December 1 - 3, 7.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	98	99	71e	235e	101e	266e	1210	523	370	163	93	222
2	94	100	71e	199e	95e	219e	869	473	361	155	93	211
3	93	101	71e	174e	95e	117e	680	449	355	151	90	210
4	91	101	77e	168e	89e	145e	534	448	361	147	88	205
5	91	102	77e	174e	83e	173e	423	488	344	140	99	192
6	90	100	77e	156e	89e	191e	382	626	328	129	103	188
7	90	100	71e	150e	89e	219e	333	552	310	125	104	185
8	89	99	83e	150e	83e	219e	321	492	275	123	336	177
9	93	97	89e	156e	89e	601e	310	450	263	135	1200	171
10	97	98	101e	150e	95e	973e	311	421	262	119	431	229
11	96	99	95e	150e	101e	1750e	395	395	260	114	360	252
12	94	100	101e	156e	101e	1160e	416	375	254	119	250	206
13	97	98	101e	107e	89e	573e	351	362	258	117	225	187
14	94	98	95e	101e	77e	368e	322	346	268	115	209	175
15	94	98	101e	83e	83e	303e	306	330	264	110	179	171
16	94	99	101e	77e	89e	257e	286	316	253	107	166	172
17	94	98	101e	77e	101e	266e	273	304	243	108	156	174
18	97	97	95e	89e	107e	229e	262	297	237	108	150	184
19	99	96	89e	89e	113e	233e	257	293	231	176	162	195
20	99	97	95e	95e	119e	247e	254	292	227	237	183	191
21	100	97	119e	101e	126e	216e	254	291	224	143	273	182
22	100	96	156e	107e	345e	216	252	291	260	117	614	173
23	99	95	156e	113e	1150e	203	266	330	320	124	3090	171
24	101	95	132e	119e	1080e	208	550	406	243	117	2150	173
25	101	95	113e	119e	651e	268	1950	349	222	110	594	180
26	98	95	113e	119e	291e	262	1930	321	209	106	426	179
27	98	94	119e	126e	253e	219	991	308	197	103	360	175
28	98	101e	119e	89e	259	202	771	301	185	101	323	170
29	98	101e	113e	107e	---	200	657	303	176	98	302	187
30	98	77e	138e	107e	---	245	585	417	169	94	265	243
31	98	---	229e	101e	---	412	---	448	---	94	241	---
TOTAL	2973	2923	3269	3944	6043	11160	16701	11997	7929	3905	13315	5730
MEAN	95.9	97.5	105.4	127.3	215.5	360.1	556.7	386.9	264.3	126.0	429.5	191.0
MAX	101	102	229	235	1150	1750	1950	626	370	237	3090	252
MIN	89	77	71	77	77	117	252	291	169	94	88	170
AC-FT	5897	5798	6484	7823	11990	22140	33130	23800	15730	7745	26410	11370
CAL YEAR 2006 TOTAL			44774	MEAN	122.7	MAX	510.0	MIN	51.0	AC-FT	88810	
WTR YEAR 2007 TOTAL			89889	MEAN	246.3	MAX	3090	MIN	71.0	AC-FT	178300	

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.--Not determined

GAGE.--Continuous stage recorder. Gage datum 1,190 feet from the Nickerson 7.5' topographic map.

PERIOD OF RECORD.--July, 2007 - present

REMARKS.--Records are fair.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	707	1670
2	---	---	---	---	---	---	---	---	---	---	897	1450
3	---	---	---	---	---	---	---	---	---	---	753	1330
4	---	---	---	---	---	---	---	---	---	---	684	1250
5	---	---	---	---	---	---	---	---	---	---	665	1170
6	---	---	---	---	---	---	---	---	---	---	657	1100
7	---	---	---	---	---	---	---	---	---	---	686	1060
8	---	---	---	---	---	---	---	---	---	---	700	995
9	---	---	---	---	---	---	---	---	---	---	892	950
10	---	---	---	---	---	---	---	---	---	---	2750	1150
11	---	---	---	---	---	---	---	---	---	994	1790	2530
12	---	---	---	---	---	---	---	---	---	969	1470	2150
13	---	---	---	---	---	---	---	---	---	966	3040	1930
14	---	---	---	---	---	---	---	---	---	936	1430	1310
15	---	---	---	---	---	---	---	---	---	911	1940	1100
16	---	---	---	---	---	---	---	---	---	917	2090	1020
17	---	---	---	---	---	---	---	---	---	913	1400	980
18	---	---	---	---	---	---	---	---	---	892	1960	1010
19	---	---	---	---	---	---	---	---	---	1090	3870	1190
20	---	---	---	---	---	---	---	---	---	1260	2120	1210
21	---	---	---	---	---	---	---	---	---	1240	1300	1100
22	---	---	---	---	---	---	---	---	---	1220	1230	998
23	---	---	---	---	---	---	---	---	---	1100	7130	921
24	---	---	---	---	---	---	---	---	---	923	14300	890
25	---	---	---	---	---	---	---	---	---	848	11200	1050
26	---	---	---	---	---	---	---	---	---	804	6730	1080
27	---	---	---	---	---	---	---	---	---	768	4740	912
28	---	---	---	---	---	---	---	---	---	732	3510	873
29	---	---	---	---	---	---	---	---	---	716	4560	855
30	---	---	---	---	---	---	---	---	---	699	2860	877
31	---	---	---	---	---	---	---	---	---	682	2010	---

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061000

LOCATION.--Sec. 2-1-43 W. near Laird, CO

GAGE.--Continuous stage recorder and 5 ft. Parshall flume

PERIOD OF RECORD.--1927, 1941, 1949 - 1956, 1962 - present

REMARKS.--Values furnished by the State of Colorado

DISCHARGE (CFS), WATER YEAR 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	---	---	---	---	---	0.00	16	11	21	24	13
2	24	---	---	---	---	---	0.00	23	10	21	23	19
3	25	---	---	---	---	---	0.00	26	10	19	24	19
4	25	---	---	---	---	---	0.00	27	15	21	23	19
5	24	---	---	---	---	---	0.00	30	23	20	23	17
6	24	---	---	---	---	---	0.00	29	19	20	21	17
7	25	---	---	---	---	---	0.00	26	16	20	0.53	17
8	25	---	---	---	---	---	0.00	24	15	19	0.00	16
9	26	---	---	---	---	---	0.00	23	16	17	0.00	18
10	21	---	---	---	---	---	0.00	20	17	18	14	23
11	18	---	---	---	---	---	0.00	17	15	17	21	23
12	22	---	---	---	---	---	0.00	18	9.3	17	22	23
13	24	---	---	---	---	---	0.00	19	4.9	16	23	23
14	24	---	---	---	---	---	0.00	19	0.69	17	23	23
15	21	---	---	---	---	---	0.00	19	0.00	13	20	23
16	16	---	---	---	---	---	0.00	20	0.00	12	12	22
17	6.0	---	---	---	---	---	0.00	23	0.00	12	23	21
18	0.00	---	---	---	---	---	0.00	24	6.0	11	23	23
19	0.00	---	---	---	---	---	0.00	23	18	13	21	22
20	0.00	---	---	---	---	---	0.00	26	22	14	21	22
21	0.00	---	---	---	---	---	5.4	24	21	12	22	23
22	0.00	---	---	---	---	---	8.7	28	25	17	23	23
23	0.00	---	---	---	---	---	10	24	18	21	26	22
24	0.00	---	---	---	---	---	11	24	22	20	7.2	25
25	0.00	---	---	---	---	---	11	23	25	13	0.00	26
26	0.00	---	---	---	---	---	9.2	23	24	11	2.0	24
27	0.00	---	---	---	---	---	8.9	25	21	21	8.8	23
28	0.00	---	---	---	---	---	9.1	25	22	29	24	23
29	0.00	---	---	---	---	---	9.2	22	22	24	24	23
30	0.00	---	---	---	---	---	13	10	21	23	24	22
31	0.00	---	---	---	---	---	---	10	---	26	17	---
TOTAL	374	0	0	0	0	0	95.5	690	448.89	555	539.53	637
MEAN	12.1	---	---	---	---	---	3.2	22.3	15.0	17.9	17.4	21.2
MAX	26	---	---	---	---	---	13	30	25	29	26	26
MIN	0.00	---	---	---	---	---	0.00	10	0.00	11	0.00	13
AC-FT	742	0.00	0.00	0.00	0.00	0.00	189	1369	890	1101	1070	1263
CAL YEAR 2006	MAX		30.0	MIN		0.000	AC-FT	7092				
WTR YEAR 2007	MAX		30.0	MIN		0.000	AC-FT	6625				

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	---	---	---	---	---	0.00	8.6	9.6	14	16	8.9
2	12	---	---	---	---	---	0.00	9.4	9.9	14	16	15
3	11	---	---	---	---	---	0.00	13	9.6	13	16	15
4	12	---	---	---	---	---	0.00	14	10	17	16	16
5	11	---	---	---	---	---	0.00	13	15	17	16	15
6	10	---	---	---	---	---	0.00	15	7.7	15	16	14
7	9.9	---	---	---	---	---	0.00	15	8.4	15	4.5	13
8	10	---	---	---	---	---	0.00	13	11	14	0.63	13
9	11	---	---	---	---	---	0.00	15	11	12	0.00	13
10	9.5	---	---	---	---	---	0.00	14	11	12	5.1	14
11	7.6	---	---	---	---	---	0.00	13	9.1	13	13	14
12	6.9	---	---	---	---	---	0.00	15	7.2	12	13	11
13	9.7	---	---	---	---	---	0.00	15	5.6	11	15	14
14	11	---	---	---	---	---	0.00	14	1.2	10	16	13
15	13	---	---	---	---	---	0.00	13	0.00	8.1	17	14
16	13	---	---	---	---	---	0.00	14	0.00	8.1	12	14
17	9.4	---	---	---	---	---	0.00	16	0.00	9.3	13	13
18	0.00	---	---	---	---	---	0.00	16	0.92	8.7	19	13
19	0.00	---	---	---	---	---	0.00	15	9.9	9.8	19	13
20	0.00	---	---	---	---	---	0.00	17	8.8	11	17	12
21	0.00	---	---	---	---	---	1.3	16	11	8.5	14	12
22	0.00	---	---	---	---	---	5.2	18	14	10	15	12
23	0.00	---	---	---	---	---	8.2	16	11	15	17	13
24	0.00	---	---	---	---	---	6.5	16	12	15	8.3	13
25	0.00	---	---	---	---	---	7.7	15	17	12	0.00	13
26	0.00	---	---	---	---	---	6.5	14	18	8.6	0.00	12
27	0.00	---	---	---	---	---	6.9	16	18	11	0.30	12
28	0.00	---	---	---	---	---	7.5	13	18	12	16	14
29	0.00	---	---	---	---	---	7.3	15	16	10	17	12
30	0.00	---	---	---	---	---	8.0	8.3	14	10	18	10
31	0.00	---	---	---	---	---	---	8.0	---	15	19	---
TOTAL	179	0	0	0	0	0	65.1	433.3	294.92	371.1	384.83	390.9
MEAN	5.8	---	---	---	---	---	2.2	14.0	9.8	12.0	12.4	13.0
MAX	13	---	---	---	---	---	8.2	18	18	17	19	16
MIN	0.00	---	---	---	---	---	0.00	8.0	0.00	8.1	0.00	8.9
AC-FT	355	0.00	0.00	0.00	0.00	0.00	129	859	585	736	763	775
CAL YEAR 2006	MAX	21.0	MIN	0.000	AC-FT	4418						
WTR YEAR 2007	MAX	19.0	MIN	0.000	AC-FT	4203						

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.5	---	---	---	---	---	---	6.1	4.1	6.5	0.52	1.8
2	4.4	---	---	---	---	---	---	4.3	4.7	6.4	0.24	0.62
3	3.5	---	---	---	---	---	---	6.0	5.3	6.2	0.00	0.89
4	2.2	---	---	---	---	---	---	5.7	7.5	5.6	0.28	0.66
5	0.00	---	---	---	---	---	---	1.9	7.8	2.4	0.55	2.2
6	0.62	---	---	---	---	---	---	2.5	5.3	3.8	2.0	0.59
7	0.31	---	---	---	---	---	---	1.2	3.0	1.9	2.6	1.9
8	0.00	---	---	---	---	---	---	0.00	4.8	2.1	0.00	2.3
9	0.00	---	---	---	---	---	---	0.00	2.0	3.7	0.00	3.3
10	0.00	---	---	---	---	---	---	0.00	2.4	4.0	0.00	4.1
11	0.00	---	---	---	---	---	---	0.74	3.7	3.7	1.5	3.5
12	0.00	---	---	---	---	---	---	1.4	2.6	3.4	1.1	1.8
13	0.00	---	---	---	---	---	---	1.4	2.0	2.0	1.6	2.2
14	0.00	---	---	---	---	---	---	0.01	6.5	2.2	0.59	1.6
15	0.00	---	---	---	---	---	---	0.65	1.8	0.91	0.00	1.7
16	0.00	---	---	---	---	---	---	0.00	0.00	0.00	2.3	3.0
17	0.00	---	---	---	---	---	0.00	0.56	0.00	0.00	2.5	3.2
18	0.00	---	---	---	---	---	0.00	4.4	0.00	0.00	2.6	3.6
19	0.00	---	---	---	---	---	0.00	5.0	0.00	0.00	3.3	4.2
20	0.00	---	---	---	---	---	0.00	4.8	0.00	0.00	3.2	3.2
21	0.00	---	---	---	---	---	0.00	3.5	0.34	0.00	1.9	3.7
22	0.00	---	---	---	---	---	0.00	3.9	7.3	0.34	0.23	3.9
23	0.00	---	---	---	---	---	17	3.0	5.3	0.00	1.0	2.6
24	0.00	---	---	---	---	---	8.5	2.8	4.2	0.39	1.1	1.2
25	0.00	---	---	---	---	---	7.2	3.3	6.2	0.39	0.00	0.42
26	0.00	---	---	---	---	---	6.1	4.3	7.8	0.00	0.00	0.00
27	0.00	---	---	---	---	---	4.7	4.2	6.0	0.00	0.00	0.00
28	0.00	---	---	---	---	---	4.3	3.8	5.4	0.73	0.12	0.00
29	0.00	---	---	---	---	---	4.6	6.6	3.4	0.63	1.5	0.00
30	0.00	---	---	---	---	---	4.3	6.8	4.2	0.54	1.2	0.00
31	0.00	---	---	---	---	---	---	4.0	---	1.4	1.5	---
TOTAL	15.53	0	0	0	0	0	56.7	92.86	113.64	59.23	33.43	58.18
MEAN	0.50	---	---	---	---	---	4.1	3.0	3.8	1.9	1.1	1.9
MAX	4.5	---	---	---	---	---	17	6.8	7.8	6.5	3.3	4.2
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	31	0.00	0.00	0.00	0.00	0.00	112	184	225	117	66	115
CAL YEAR 2006	MAX		13.0	MIN	0.000	AC-FT	742					
WTR YEAR 2007	MAX		17.0	MIN	0.000	AC-FT	852					

REPUBLICAN RIVER BASIN

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37240	36630	36130	36310	36920	39800	45180	50900	51670	51470	49870	48830
2	37210	36600	36130	36310	36950	39970	45300	51090	51700	51440	49810	48800
3	37190	36600	36110	36340	36950	40280	45300	51150	51730	51410	49900	48730
4	37190	36570	36080	36340	36970	40590	45460	51310	51730	51310	49840	48670
5	37160	36550	36050	36360	36970	40900	45520	51340	51800	51120	49810	48480
6	37130	36550	36050	36360	37000	41040	45600	51410	51800	51090	49780	48420
7	37130	36520	36030	36390	37050	41210	45670	51470	51730	51020	50000	48360
8	37110	36520	36000	36420	37080	41380	45760	51470	51670	50990	50000	48290
9	37050	36500	36000	36440	37050	41530	45910	51540	51640	50800	50000	48200
10	37050	36470	35970	36440	37050	41670	46010	51540	51640	50740	50030	48230
11	37050	36470	35970	36440	37080	41810	46070	51640	51440	50670	49970	48170
12	37030	36440	35950	36440	37080	41960	46160	51640	51440	50610	49860	48140
13	37000	36420	35950	36470	37080	42100	46370	51670	51470	50640	49740	48080
14	36970	36420	35920	36500	37110	42220	46500	51700	51600	50740	49710	48010
15	36950	36390	35920	36520	37110	42360	46590	51700	51670	50700	49590	47950
16	36920	36370	35920	36550	37110	42420	46680	51670	51730	50670	49780	47890
17	36920	36390	35900	36630	37130	42540	46800	51670	51770	50640	49710	47860
18	36890	36370	35870	36650	37160	42650	46930	51600	51860	50610	49650	47830
19	36860	36340	35870	36680	37190	42770	46990	51570	51890	50580	49620	47730
20	36860	36310	35840	36700	37240	42830	47080	51540	51890	50610	49460	47700
21	36840	36290	35870	36730	37850	42890	47210	51470	51860	50580	49400	47670
22	36810	36290	35820	36760	38150	43070	47420	51410	51930	50540	49370	47610
23	36780	36260	35820	36780	38290	43120	47580	51410	51890	50480	49430	47550
24	36780	36240	35820	36810	38480	43120	48290	51380	51890	50380	49400	47520
25	36760	36240	35790	36840	38700	43420	49080	51310	51860	50350	49370	47420
26	36730	36210	36030	36840	38920	43620	49550	51280	51770	50190	49330	47300
27	36730	36210	36080	36860	39410	43680	50030	51220	51640	50160	49300	47270
28	36700	36180	36130	36890	39550	43740	50350	51150	51570	50090	49180	47210
29	36680	36160	36180	36920	---	43740	50640	51120	51510	50030	49150	47140
30	36650	36160	36260	36920	---	44760	50800	51510	51470	50000	49080	47080
31	36650	---	36310	36920	---	45060	---	51540	---	49900	48890	---
MEAN	36940	36390	35990	36600	37520	42330	47090	51430	51710	50660	49610	47940
MAX	37240	36630	36310	36920	39550	45060	50800	51700	51930	51470	50030	48830
MIN	36650	36160	35790	36310	36920	39800	45180	50900	51440	49900	48890	47080
CAL YEAR 2006	MEAN	38130	MAX	41360	MIN	35120						
WTR YEAR 2007	MEAN	43710	MAX	51930	MIN	35790						

REPUBLICAN RIVER near Trenton, 00126700

LOCATION.--SE1/4NE1/4 Sec. 5-2-33 W., Hitchcock County, Lat. 40° 10' 10", Long. 101° 03' 35", in gate control house at right end of spillway on downstream side of Trenton Dam, 2.5 miles west of Trenton.

DRAINAGE AREA.--8,620 square miles, of which approximately 3,940 square miles contributes to surface runoff.

GAGE.--Rating of two 6'x 7.5' control gates.

PERIOD OF RECORD.--1995 - present; prior record was for Republican River at Trenton gage, 06829500, located 0.9 miles downstream.

REMARKS.--Current record for period June through August for gate releases from Swanson Reservoir. Record for Republican River at Trenton, 06829500, located 0.9 miles downstream was published by U.S. Geological Survey 1946 - 1993 and Department of Water Resources 1994 - 1999, and Department of Natural Resources since 2000.

DISCHARGE (CFS), WATER YEAR 2007

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

NO RELEASES WERE MADE IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

FRENCHMAN CREEK near Imperial, 06831500

LOCATION.--SW1/4NW1/4 Sec. 3-5-38 W., Chase County, Lat. 40°25'45", Long. 101°37'25", on right bank, 0.2 mile downstream from bridge on county road; 5.8 miles upstream from Enders Dam; 1 mile east and 6.1 miles south of Imperial.

DRAINAGE AREA.--880 square miles, approximately 720 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Elevation of the gage is approximately 3130 feet from topographic map.

PERIOD OF RECORD.--1940 - present (published as Frenchman River near Imperial 1965-1972)

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,780 cubic feet per second June 12, 2007, gage height 10.01 ft.; 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 3,780 cubic feet per second June 12, gage height 10.01 feet; minimum daily discharge 2.2 cubic feet per second August 20 and 21.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.9	4.1	4.8	3.7	4.0	5.5	4.3	5.1	5.2	6.5	3.1	2.4
2	2.9	4.2	4.7	3.7	3.8	5.1	4.2	5.0	4.9	6.2	3.0	2.4
3	3.1	4.2	4.6	3.7	3.7	4.8	4.2	5.1	4.8	6.0	2.8	2.3
4	3.3	4.3	4.7	3.8	3.7	5.0	4.2	5.2	4.7	5.7	2.7	2.3
5	3.4	4.4	4.7	3.7	3.9	5.0	4.2	7.7	4.7	5.5	2.6	2.3
6	3.4	4.3	4.7	3.6	4.3	5.3	4.3	5.8	4.6	5.1	2.7	2.3
7	3.4	4.2	4.8	3.5	4.5	5.5	4.3	5.5	4.5	4.8	2.8	2.3
8	3.5	4.2	4.7	3.4	4.4	5.3	4.4	5.3	4.4	4.5	3.0	2.3
9	4.3	4.2	4.7	3.4	4.3	5.2	4.4	5.2	4.6	4.5	2.9	2.4
10	4.4	4.2	4.8	3.5	4.3	5.0	4.4	5.1	4.8	4.3	3.0	2.9
11	4.2	4.2	4.7	3.5	4.4	4.9	4.4	5.0	5.3	4.5	2.8	2.8
12	4.0	4.3	4.5	3.3	4.6	4.8	4.4	5.0	1120	4.3	2.9	2.7
13	3.9	4.3	4.4	3.4	4.4	4.7	4.8	4.8	2210	4.0	2.9	2.6
14	3.9	4.4	4.3	3.4	4.2	4.6	4.7	4.8	1030	3.8	2.7	2.7
15	3.9	4.3	4.2	3.4	4.0	4.6	4.6	4.9	261	3.6	2.5	2.7
16	4.0	4.6	4.2	3.3	4.3	4.5	4.6	4.9	104	3.4	2.4	2.8
17	4.1	4.6	4.1	3.4	4.7	4.5	4.6	4.8	52	3.2	2.5	2.9
18	3.9	4.6	4.1	3.4	5.1	4.4	4.6	4.7	36	3.1	2.4	2.8
19	3.9	4.6	4.0	3.4	5.5	4.4	4.5	4.6	25	3.2	2.3	2.7
20	4.0	4.7	4.9	3.4	5.5	4.4	4.6	4.5	20	3.2	2.2	2.7
21	4.0	4.8	4.6	3.5	5.5	4.4	4.7	4.4	17	3.0	2.2	2.7
22	4.0	4.8	4.2	3.6	5.5	4.4	5.0	4.8	15	2.8	2.3	2.8
23	4.1	4.7	4.1	3.7	5.3	4.5	4.8	4.5	13	2.6	2.6	2.8
24	4.1	4.7	4.1	3.9	7.7	4.5	6.3	4.4	12	2.6	2.7	2.7
25	4.1	4.7	3.9	4.1	4.3	4.5	7.1	4.3	10	2.4	2.6	2.7
26	4.1	4.6	3.9	4.2	5.9	4.4	6.1	4.3	9.2	2.3	2.6	2.8
27	4.1	4.7	3.9	4.3	5.9	4.3	5.7	5.4	8.4	3.1	2.4	2.8
28	4.1	4.7	3.9	4.1	5.9	4.4	5.4	9.3	7.7	7.1	2.4	2.9
29	4.1	4.7	3.8	4.2	---	5.1	5.3	7.1	7.1	3.9	2.4	3.0
30	4.1	4.6	4.0	4.0	---	4.6	5.2	7.2	6.8	3.4	2.5	3.1
31	4.1	---	3.6	4.0	---	4.5	---	5.7	---	3.2	2.5	---
TOTAL	119.3	133.9	134.6	113.5	133.6	147.1	144.3	164.4	5016.7	125.8	81.4	79.6
MEAN	3.9	4.5	4.3	3.7	4.8	4.7	4.8	5.3	167.3	4.1	2.6	2.7
MAX	4.4	4.8	4.9	4.3	7.7	5.5	7.1	9.3	2210	7.1	3.1	3.1
MIN	2.9	4.1	3.6	3.3	3.7	4.3	4.2	4.3	4.4	2.3	2.2	2.3
AC-FT	237	266	267	225	265	292	286	326	9950	250	161	158
CAL YEAR 2006	TOTAL		1390	MEAN	3.8	MAX	8.3	MIN	1.7	AC-FT	2757	
WTR YEAR 2007	TOTAL		6394	MEAN	17.5	MAX	2210	MIN	2.2	AC-FT	12680	

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 2007

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

NO RELEASES WERE MADE IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

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 412 cubic feet per second June 15, gage height 9.57 feet; minimum daily discharge 7.5 cubic feet per second October 2 - 4.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.7	9.9	17	15e	9.0e	26	49	25	59	22	18	9.7
2	7.5	10.0	16e	14e	8.8e	27	31	23	61	21	17	9.4
3	7.5	10	16e	14e	8.6e	27	25	22	34	20	16	9.2
4	7.5	11	14e	14e	9.2e	26	22	21	27	20	15	9.0
5	7.7	11	14e	12e	11e	23	20	21	24	19	14	8.9
6	8.1	11	15e	11e	12e	22	20	21	21	19	14	8.7
7	8.5	11	16e	11e	11e	22	19	22	20	68	15	8.6
8	9.0	11	16e	11e	10e	23	19	23	19	51	17	8.6
9	9.5	11	18	11e	9.6e	23	19	20	18	25	14	8.6
10	9.9	11	16	10e	9.6e	76	19	18	18	20	13	9.8
11	11	11	16	10e	10e	61	19	17	21	18	12	11
12	11	11	16	10e	11e	32	19	17	22	20	12	10
13	10.0	11	16	9.7e	11e	26	20	16	37	19	11	9.8
14	9.9	11	16	10e	11e	25	20	15	59	18	11	9.9
15	9.9	14	16	9.7e	13e	23	21	15	199	19	11	9.7
16	9.8	16	17	9.5e	14e	22	21	15	351	17	11	9.7
17	10	17	16	9.7e	24	21	20	15	262	15	11	9.9
18	10.0	18	16	9.6e	61	21	20	14	188	14	11	9.7
19	10	18	18	9.7e	98	20	19	14	125	15	11	9.4
20	10	18	17	9.2e	102	20	19	14	87	14	10	9.3
21	10	17	17	9.6e	108	20	19	14	62	14	9.8	9.0
22	9.9	17	18	9.2e	113	19	21	14	55	14	9.8	9.0
23	9.6	17	19	9.5e	81	19	21	14	48	14	10	8.9
24	9.8	17	17e	9.6e	52	20	29	14	38	14	10	8.8
25	9.5	17	15e	9.2e	40	20	35	14	33	13	11	8.9
26	10	17	13e	8.4e	30	20	47	14	33	12	11	9.0
27	10	17	16	9.2e	26	20	43	14	30	13	10	9.0
28	10	17	16	8.9e	26	20	38	14	27	24	10	9.2
29	10.0	17	16e	8.9e	---	38	31	35	25	92	9.9	9.3
30	9.9	18	16e	8.5e	---	44	27	127	24	26	10	9.8
31	9.5	---	15e	9.0e	---	44	---	106	---	21	9.9	---
TOTAL	292.7	422.9	500	320.1	929.8	850	752	748	2027	711	375.4	279.8
MEAN	9.5	14.1	16.1	10.4	33.2	27.5	25.0	24.0	67.5	22.9	12.1	9.3
MAX	11	18	19	15	113	76	49	127	351	92	18	11
MIN	7.5	9.9	13	8.4	8.6	19	19	14	18	12	9.8	8.6
AC-FT	581	839	992	635	1844	1686	1492	1484	4020	1410	745	555
CAL YEAR 2006	TOTAL		4102	MEAN	11.2	MAX	19.0	MIN	4.5	AC-FT	8136	
WTR YEAR 2007	TOTAL		8209	MEAN	22.5	MAX	351.0	MIN	7.5	AC-FT	16280	

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 2007

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

NO WATER WAS DIVERTED IN 2007.												
CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00						

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 2007

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

NO WATER WAS DIVERTED IN 2007.												
CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00						

REPUBLICAN RIVER BASIN

RED WILLOW CREEK above Hugh Butler Lake, 6837300

LOCATION.--NEL/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 3,250 cubic feet per second May 29, gage height 21.33 feet; minimum daily discharge 3.7 cubic feet per second estimated February 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.8	8.5	11e	12e	5.0e	26	33	32	260	12	20	6.5
2	7.1	8.8	9.6e	13e	3.7e	24	32	25	240	12	21	6.2
3	7.1	8.9	6.6e	14e	4.3e	23	29	20	152	12	16	6.0
4	6.8	8.8	6.5e	15e	6.7e	22	25	17	92	11	15	5.8
5	7.7	8.8	6.9e	18e	10.0e	21	21	15	62	11	14	5.7
6	8.0	9.1	8.4e	14e	14e	21	19	15	53	10.0	13	5.5
7	7.6	9.4	11e	12e	18e	22	16	15	44	9.7	18	5.6
8	7.5	9.6	14e	13e	15e	21	15	16	35	9.5	15	5.5
9	8.6	9.9	14e	12e	14e	22	14	16	30	14	13	5.7
10	9.0	9.8	14e	13e	13e	22	13	15	26	12	12	7.0
11	9.5	9.9	14e	14e	14e	23	13	14	22	11	12	7.1
12	10.0	10	15	11e	17e	23	13	13	21	11	11	7.6
13	10	10	15	9.9e	17e	25	13	12	24	11	10	7.7
14	10	11	15	7.7e	18e	25	14	11	25	12	9.9	7.5
15	9.5	11	15	6.6e	19e	23	14	11	26	13	9.5	7.4
16	9.1	12	15	6.7e	25e	20	13	10	31	12	9.5	7.4
17	9.4	12	16	7.2e	40	18	13	11	35	12	9.2	7.2
18	9.3	13	17	7.8e	86	16	12	11	40	12	8.9	7.0
19	9.6	14	17e	8.6e	159	15	11	12	48	11	8.5	6.7
20	9.3	14	16e	9.2e	136	14	10	12	41	11	8.4	6.7
21	9.1	14	16e	8.5e	83	13	9.8	12	33	11	8.1	6.6
22	8.9	14	15e	9.1e	57	13	14	12	27	11	7.9	6.5
23	8.9	15	16e	9.2e	41	12	15	13	23	11	8.4	6.4
24	8.7	16	15e	14e	43	12	41	13	22	10	8.2	6.4
25	8.5	16	16e	16e	46	12	55	13	20	10	8.3	6.3
26	8.4	16	17e	15e	42	12	60	12	18	10	8.2	6.5
27	8.4	16	18e	12e	35	12	51	12	16	11	7.8	6.7
28	8.4	17	19e	9.4e	30	12	51	18	15	28	7.5	6.6
29	8.3	16	16e	8.2e	---	14	46	1520	13	21	7.4	6.7
30	8.3	16e	15e	7.9e	---	24	39	1390	13	16	7.1	7.0
31	8.4	---	14e	8.0e	---	25	---	550	---	17	6.7	---
TOTAL	266.2	364.5	434	342	1011.7	587	724.8	3868	1507	385.2	339.5	197.5
MEAN	8.6	12.2	14.1	11.0	36.1	19.0	24.1	124.8	50.2	12.4	11.0	6.6
MAX	10	17	19	18	159	26	60	1520	260	28	21	7.7
MIN	6.8	8.5	6.5	6.6	3.7	12	9.8	10	13	9.5	6.7	5.5
AC-FT	528	723	861	678	2007	1164	1438	7672	2989	764	673	392
CAL YEAR 2006	TOTAL		3446	MEAN	9.4	MAX	19.0	MIN	2.5	AC-FT	6835	
WTR YEAR 2007	TOTAL		10027	MEAN	27.5	MAX	1520	MIN	3.7	AC-FT	19890	

REPUBLICAN RIVER BASIN

HUGH BUTLER LAKE near McCook, 06837390

LOCATION.--SW1/4NW1/4 Sec. 31-5-29 W., Frontier County, Lat. 40° 21' 35", 100° 39' 55", in gate control house at outlet tube of Red Willow Dam on Red Willow Creek, 12 miles north of McCook.

DRAINAGE AREA.--730 square miles, of which approximately 310 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1961 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page.
Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12060	12360	12700	13120	13760	14280	16560	17950	27110	27430	26860	26100
2	12060	12360	12710	13140	13780	15690	16670	18190	27380	27380	26890	26040
3	12070	12360	12720	13160	13800	15710	16670	18210	27570	27330	26860	26000
4	12070	12360	12740	13190	13820	15730	16710	18240	27730	27330	26860	25980
5	12070	12370	12750	13210	13830	15750	16730	18260	27800	27280	26840	25920
6	12070	12380	12750	13290	13870	15770	16760	18290	27820	27240	26790	25880
7	12080	12380	12770	13310	13870	15790	16790	18330	27820	27180	26860	25860
8	12100	12380	12770	13330	13890	15810	16830	18330	27730	27320	26890	25840
9	12110	12380	12760	13350	13910	15830	16860	18330	27700	27150	26860	25830
10	12130	12390	12750	13360	13930	15850	16890	18330	27670	27150	26820	25830
11	12130	12390	12750	13380	13940	15870	16920	18330	27700	27210	26790	25790
12	12130	12400	12760	13400	13960	15890	16940	18310	27670	27210	26770	25790
13	12130	12400	12770	13420	13980	15910	16940	18290	27660	27240	26740	25760
14	12130	12500	12770	13440	14000	15930	16980	18280	27750	27310	26700	25740
15	12130	12510	12770	13450	14020	15950	17000	18270	27750	27280	26670	25710
16	12130	12530	12800	13470	14040	15830	17030	18260	27730	27240	26640	25700
17	12160	12540	12820	13490	14060	15850	17050	18250	27740	27210	26570	25670
18	12170	12550	12850	13510	14060	15870	17070	18240	27750	27180	26550	25670
19	12250	12570	12870	13530	14090	15890	17090	18240	27750	27180	26480	25620
20	12260	12590	12880	13540	14110	15900	17110	18230	27800	27080	26450	25620
21	12270	12600	12930	13560	14130	16020	17170	18210	27800	27060	26420	25580
22	12280	12610	12950	13580	14150	16040	17210	18210	27820	27010	26380	25550
23	12290	12560	12960	13600	14170	16060	17230	18210	27800	26960	26450	25520
24	12290	12560	12980	13620	14180	16090	17440	18200	27750	26920	26380	25480
25	12290	12570	13000	13630	14200	16120	17550	18180	27730	26860	26360	25460
26	12330	12580	13020	13650	14220	16150	17820	18170	27670	26820	26330	25390
27	12330	12590	13030	13650	14240	16170	17910	18160	27600	26790	26290	25360
28	12350	12590	13050	13680	14260	16190	17910	18180	27570	26890	26260	25340
29	12350	12680	13070	13710	---	16190	17920	18200	27500	26960	26190	25350
30	12350	12680	13090	13730	---	16340	17930	24370	27470	26920	26170	25360
31	12350	---	13110	13740	---	16450	---	26450	---	26920	26140	---
MEAN	12190	12490	12860	13460	14010	15900	17120	18700	27680	27130	26590	25690
MAX	12350	12680	13110	13740	14260	16450	17930	26450	27820	27430	26890	26100
MIN	12060	12360	12700	13120	13760	14280	16560	17950	27110	26790	26140	25340
CAL YEAR 2006	MEAN	16990	MAX	21430	MIN	11830						
WTR YEAR 2007	MEAN	18670	MAX	27820	MIN	12060						

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 2007

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

NO WATER WAS RELEASED FROM HUGH BUTLER LAKE IN 2007.

CAL YEAR 2006 TOTAL 4714 MEAN 49.1 MAX 124.0 MIN 3.2 AC-FT 9350

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 2007

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

NO WATER DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	68.0	MIN	0.000	AC-FT	5835					
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00					

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 16,900 cubic feet per second May 30, gage height 20.84 feet; minimum daily discharge 24 cubic feet per second estimated January 3.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	32	32e	30e	35e	77	56	61	1190	44	50	38
2	26	31	34e	25e	33e	72	54	57	811	43	53	37
3	26	32	33e	24e	32e	68	49	54	591	42	50	37
4	25	32	33e	28e	38e	64	46	53	428	42	47	36
5	26	32	35e	40e	41e	62	46	53	342	108	45	35
6	27	32	38e	33e	42e	62	46	69	289	166	44	36
7	26	34	34e	34e	43e	67	46	69	237	166	324	36
8	27	36	33e	45e	45e	67	47	58	164	89	231	35
9	30	33	33e	50e	44e	67	48	55	121	315	83	36
10	31	32	33e	44e	43e	68	48	51	98	472	57	39
11	32	31	31e	42e	45e	66	49	48	89	250	50	40
12	35	36	33e	41e	48e	62	49	46	86	191	47	43
13	36	34	35	45e	41e	59	51	44	87	144	46	41
14	36	33	34	44e	35e	58	51	43	106	102	45	40
15	34	33	35	44e	39e	56	52	42	123	75	44	39
16	33	33	35	36e	52e	54	50	41	99	58	44	38
17	34	33	35	35e	94e	52	48	40	81	50	43	38
18	34	33	35	39e	199	51	47	39	73	46	42	38
19	40	34	45	45e	490	50	46	39	71	45	41	38
20	41	33	37	45e	935	50	45	38	70	44	40	38
21	37	33	43	40e	763	50	45	38	63	44	40	37
22	35	34	50	51e	436	49	54	40	62	42	39	37
23	34	34	54	46e	267	49	56	51	59	43	40	37
24	33	34	51	60e	295	50	165	49	55	41	39	36
25	33	34	56	47e	186	52	178	42	52	40	39	37
26	33	34	66	47e	161	54	185	41	49	39	39	37
27	32	34	41	47e	103	53	131	40	47	39	39	37
28	31	34	40e	36e	78	51	97	41	46	97	40	37
29	31	34e	41e	33e	---	50	82	140	45	55	40	37
30	32	30e	41e	41e	---	53	68	6690	44	58	40	38
31	32	---	36e	42e	---	60	---	1990	---	51	39	---
TOTAL	987	994	1212	1259	4663	1803	2035	10162	5678	3041	1860	1128
MEAN	31.8	33.1	39.1	40.6	166.6	58.3	67.8	327.8	189.4	98.2	60.1	37.4
MAX	41	36	66	60	935	77	185	6690	1190	472	324	43
MIN	25	30	31	24	32	49	45	38	44	39	39	35
AC-FT	1958	1972	2404	2497	9249	3576	4036	20160	11260	6032	3689	2237
CAL YEAR 2006	TOTAL		11879	MEAN	32.5	MAX	66.0	MIN	11.0	AC-FT	23560	
WTR YEAR 2007	TOTAL		34822	MEAN	95.4	MAX	6690	MIN	24.0	AC-FT	69070	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17750	19460	21260	22940	25140	32710	33810	36490	46270	36370	31020	30130
2	17780	19530	21300	23020	25210	32820	33810	36470	47110	35990	30730	30160
3	17830	19580	21340	23080	25270	32920	33810	36490	47280	35580	30420	30200
4	17860	19640	21380	23160	25320	33030	33790	36510	47090	35240	30100	30230
5	17890	19700	21450	23250	25380	33120	33770	36530	46630	34830	29710	30260
6	17940	19770	21500	23330	25440	33220	33770	36540	46090	34560	29520	30290
7	17960	19820	21570	23410	25500	33330	33810	36540	45480	34590	29350	30370
8	18010	19880	21640	23500	25580	33430	33790	36560	44830	34610	29850	30420
9	18110	19970	21710	23570	25660	33540	33790	36580	44100	35070	29910	30480
10	18170	20030	21660	23630	25750	33540	33790	36560	43470	35460	29710	30550
11	18250	20080	21840	23720	25840	33560	33900	36560	42950	35950	29420	30600
12	18300	20140	21920	23800	25940	33580	33860	36560	42410	36200	29250	30660
13	18340	20180	21980	23860	26040	33610	33900	36510	41980	36220	29070	30690
14	18400	20250	22040	23910	26080	33670	33900	36490	41710	36090	29150	30740
15	18470	20320	22110	23960	26140	33630	33920	36470	41390	35880	29220	30810
16	18520	20350	22180	24010	26210	33610	33940	36370	41100	35650	29300	30890
17	18610	20430	22240	24110	26280	33630	33950	36390	40800	35350	29360	30960
18	18690	20490	22330	24170	26350	33650	33940	36370	40490	35040	29420	31020
19	18710	20530	22380	24230	26430	33670	33920	36330	40200	34720	29470	31070
20	18790	20590	22530	24310	26700	33650	33920	36300	39920	34390	29520	31070
21	18840	20660	22730	24400	27130	33630	34010	36280	39670	34060	29580	31190
22	18900	20720	22760	24490	28330	33630	34100	36300	39430	33740	29660	31220
23	18950	20790	22850	24560	29610	33630	34170	36350	39220	33400	29720	31250
24	19020	20860	22940	24630	30530	33630	34940	36320	39020	33060	29770	31290
25	19090	20920	23030	24680	31620	33630	35560	36300	38800	32730	29820	31340
26	19150	20980	23120	24760	32040	33630	35840	36280	38360	32370	29860	31350
27	19210	21040	23200	24830	32350	33630	36140	36240	37980	32060	29910	31420
28	19270	21100	23280	24900	32570	33650	36240	36240	37590	31990	29940	31440
29	19320	21200	23370	24970	---	33650	36330	36260	37180	31860	30000	31540
30	19380	21220	23570	25030	---	33790	36430	36720	36760	31590	30040	31640
31	19420	---	23750	25090	---	33790	---	43750	---	31290	30080	---
MEAN	18550	20340	22290	24040	27160	33490	34360	36670	41840	34380	29740	30840
MAX	19420	21220	23750	25090	32570	33790	36430	43750	47280	36370	31020	31640
MIN	17750	19460	21260	22940	25140	32710	33770	36240	36760	31290	29070	30130
CAL YEAR 2006	MEAN	26720	MAX	36280	MIN	16480						
WTR YEAR 2007	MEAN	29470	MAX	47280	MIN	17750						

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 787 cubic feet per second June 3, gage height 4.32 feet;
minimum daily discharge 0.04 cubic feet per second October 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.09	0.18	1.0	0.58	0.55	0.81	44	38	665	231	191	0.30
2	0.04	0.54	0.88	0.51	0.53	0.79	43	38	743	240	190	0.38
3	0.10	0.51	0.75	0.51	0.52	0.74	43	38	777	239	189	0.53
4	0.29	0.45	0.68	0.52	0.53	0.74	43	39	744	238	188	0.52
5	0.48	0.50	0.61	0.53	0.54	0.77	44	39	669	241	187	0.32
6	0.69	0.55	0.64	0.51	0.57	0.78	43	40	606	172	186	0.33
7	0.83	0.71	0.51	0.50	0.58	0.78	43	40	556	134	187	0.53
8	0.97	0.92	0.33	0.51	0.59	0.78	43	40	505	135	187	0.68
9	0.80	0.82	0.23	0.56	0.58	31	44	40	458	180	188	0.80
10	0.75	0.83	0.44	0.53	0.59	43	44	40	414	194	188	1.3
11	1.0	0.77	0.37	0.51	0.61	43	44	40	377	203	188	1.0
12	0.77	0.81	0.30	0.48	0.63	43	43	40	342	205	127	0.55
13	0.60	0.77	0.31	0.47	0.63	43	44	38	315	204	12	0.38
14	0.45	0.69	0.35	0.52	0.61	43	43	39	296	200	1.1	0.28
15	0.50	0.33	0.33	0.55	0.61	43	43	38	273	195	0.78	0.32
16	0.44	0.19	0.30	0.59	0.64	43	44	36	253	194	0.48	0.34
17	0.74	0.47	0.32	0.61	0.67	43	44	36	232	195	0.32	0.37
18	0.85	0.61	0.31	0.58	0.71	43	44	35	218	192	0.18	0.29
19	0.92	0.93	0.31	0.55	0.74	43	43	34	199	194	0.14	0.27
20	0.85	1.1	0.77	0.56	0.76	43	44	34	181	197	0.18	0.34
21	0.79	0.77	0.73	0.61	0.78	43	44	32	166	197	0.18	0.38
22	0.75	0.60	0.50	0.57	0.79	43	47	34	157	197	0.27	0.55
23	0.55	0.92	0.42	0.55	0.79	43	46	35	148	197	0.49	0.60
24	0.26	1.0	0.40	0.55	1.1	44	31	35	138	197	0.52	0.59
25	0.70	0.93	0.38	0.55	0.98	43	25	33	206	197	0.50	0.35
26	0.89	1.0	0.37	0.57	0.88	44	31	33	241	196	0.52	0.23
27	0.90	1.1	0.41	0.56	0.83	45	35	33	239	195	0.43	0.20
28	0.84	1.2	0.42	0.53	0.83	44	37	32	239	195	0.48	0.17
29	0.81	1.1	0.74	0.53	---	44	37	34	240	194	0.45	0.18
30	0.62	1.1	0.97	0.53	---	44	37	91	230	193	0.43	0.76
31	0.21	---	0.81	0.54	---	44	---	449	---	192	0.33	---
TOTAL	19.48	22.4	15.89	16.77	19.17	991.19	1240	1603	10827	6133	2215.78	13.84
MEAN	0.63	0.75	0.51	0.54	0.68	31.9	41.4	51.7	360.9	197.9	71.4	0.46
MAX	1.0	1.2	1.0	0.61	1.1	45	47	449	777	241	191	1.3
MIN	0.04	0.18	0.23	0.47	0.52	0.74	25	32	138	134	0.14	0.17
AC-FT	39	44	32	33	38	1966	2460	3180	21480	12160	4395	27
CAL YEAR 2006	TOTAL		11432	MEAN	31.3	MAX	307.0	MIN	0.040	AC-FT	22670	
WTR YEAR 2007	TOTAL		23118	MEAN	63.3	MAX	777.0	MIN	0.040	AC-FT	45850	

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	263.0	MIN	41.0	AC-FT	19690					
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00					

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 2,190.5 feet above sea level.

PERIOD OF RECORD.--September 9, 2005 - present.

REMARKS.--Gage operation began September 9, 2005 under agreement with the Tri-Basin Natural Resources District. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,490 cubic feet per second February 22, gage height 16.70 feet; minimum daily discharge 1.4 cubic feet per second estimated January 17.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.3	2.5	3.5	1.9e	2.9e	11	5.9	7.7	20	3.6	8.7	3.8
2	2.3	2.6	3.4	1.7e	2.3e	9.9	5.7	7.2	11	3.6	7.6	3.7
3	2.2	2.6	3.3	2.1e	2.4e	9.3	5.5	7.3	6.9	3.6	7.3	3.5
4	2.2	2.7	3.6	2.2e	2.6e	8.5	5.4	7.8	5.7	4.0	6.7	3.4
5	2.3	2.6	3.6	2.4e	2.2e	8.7	5.5	7.6	5.3	3.9	6.4	3.4
6	2.4	2.7	3.7	2.3e	2.5e	8.7	5.7	8.1	5.0	3.8	7.5	4.6
7	2.8	2.7	2.7e	2.5e	2.5e	8.4	5.5	7.0	4.8	3.8	158	10
8	2.9	2.6	2.3e	2.4e	2.0e	8.2	5.3	6.6	4.4	3.7	155	3.5
9	3.2	2.5	3.7	2.3e	2.3e	8.1	5.5	6.5	4.2	159	28	3.1
10	3.5	2.5	3.6	2.4e	2.2e	7.9	5.7	6.4	4.2	420	12	4.2
11	3.4	2.4	3.6	2.2e	4.4e	7.7	5.8	6.2	4.1	29	8.5	4.1
12	2.9	2.4	3.7	2.1e	3.4e	7.5	5.6	6.0	4.2	12	7.0	3.6
13	3.0	2.4	3.5	1.5e	2.7e	7.3	5.7	5.6	17	9.0	6.4	3.4
14	3.0	2.4	3.8	1.7e	2.6e	7.1	5.6	5.4	23	16	5.9	3.2
15	3.1	2.5	4.2	1.6e	2.4e	6.7	5.5	5.2	10	16	5.7	3.3
16	3.4	2.4	4.0	1.6e	2.4e	6.5	5.5	5.2	5.6	9.6	5.5	3.3
17	3.6	2.4	4.6	1.4e	4.4e	6.5	5.4	5.9	4.7	7.9	5.4	3.4
18	3.4	2.5	4.6	2.2e	12e	6.4	5.4	5.7	4.7	6.8	5.1	3.4
19	2.7	2.8	2.8e	2.7e	41	6.2	5.5	6.3	4.4	6.0	4.9	3.2
20	2.6	3.0	3.1e	3.2e	470	6.1	5.5	5.7	4.4	5.5	4.8	3.2
21	2.8	3.1	3.0e	2.8e	695	6.2	5.6	5.5	4.2	5.4	4.6	3.2
22	2.8	3.2	3.0e	2.9e	940	6.1	8.5	5.2	4.1	5.2	98	3.1
23	2.8	3.2	2.9e	3.0e	448	5.8	9.1	6.1	4.0	5.2	134	3.1
24	2.8	3.3	2.6e	3.7e	564	6.5	382	11	3.9	5.1	15	3.1
25	2.8	3.4	2.3e	4.2e	602	6.5	158	6.5	3.7	5.2	7.9	3.0
26	3.0	3.4	2.2e	4.6e	56	6.3	25	5.3	3.6	5.3	6.2	3.0
27	3.0	3.4	2.4e	4.6e	23	6.4	14	5.0	3.7	5.8	5.3	3.1
28	2.8	3.4	2.3e	4.1e	16	6.6	10	4.9	3.7	12	4.7	3.1
29	2.8	3.4	2.1e	3.5e	---	6.6	9.0	5.8	3.6	74	4.4	3.1
30	2.7	3.1	1.8e	3.3e	---	6.5	8.2	55	3.6	23	4.2	3.8
31	2.5	---	1.6e	3.1e	---	6.3	---	123	---	12	4.0	---
TOTAL	88	84.1	97.5	82.2	3913.2	226.5	740.6	362.7	191.7	885	744.7	108.9
MEAN	2.8	2.8	3.1	2.7	139.8	7.3	24.7	11.7	6.4	28.5	24.0	3.6
MAX	3.6	3.4	4.6	4.6	940	11	382	123	23	420	158	10
MIN	2.2	2.4	1.6	1.4	2.0	5.8	5.3	4.9	3.6	3.6	4.0	3.0
AC-FT	175	167	193	163	7762	449	1469	719	380	1755	1477	216
CAL YEAR 2006	TOTAL		1121	MEAN	3.1	MAX	12.0	MIN	1.1	AC-FT	2223	
WTR YEAR 2007	TOTAL		7525	MEAN	20.6	MAX	940.0	MIN	1.4	AC-FT	14930	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

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 1,530 cubic feet per second February 22, gage height 14.97 feet; minimum daily discharge 1.5 cubic feet per second estimated January 14 and February 3.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.3	3.9e	2.2e	2.0e	3.3e	13	7.9	9.4	37	4.8	9.3	4.7
2	3.1	3.5e	3.5e	1.9e	1.8e	11	7.3	8.4	16	4.9	7.0	4.5
3	3.5	3.3e	2.8e	1.8e	1.5e	10	7.0	7.8	11	4.9	6.3	4.4
4	5.8	3.3e	3.7e	2.2e	2.1e	9.7	6.8	7.8	8.4	5.4	5.7	4.3
5	6.1	3.3e	4.5e	3.8e	3.0e	10	7.0	8.1	7.2	5.5	5.3	4.2
6	5.8	3.9e	5.0e	3.5e	3.5e	10	7.4	8.5	6.6	5.2	5.2	4.1
7	6.9	4.4e	3.6e	3.0e	3.5e	9.8	7.2	8.0	6.4	5.0	82	13
8	7.5	5.5e	2.6e	3.6e	3.3e	9.3	6.9	7.1	6.0	4.8	153	5.6
9	8.2	6.0e	3.2e	5.3e	3.1e	9.2	6.8	6.8	5.8	10.0	44	4.1
10	8.6	4.6e	3.8e	4.1e	3.1e	9.1	7.1	6.6	5.8	435	16	5.4
11	7.4	3.9e	4.4e	3.1e	3.4e	8.8	7.5	6.6	5.6	64	9.5	5.6
12	6.0	4.2e	4.8e	2.5e	4.8e	8.6	7.4	6.4	6.0	21	7.1	4.4
13	5.1	3.9e	5.2e	1.9e	2.2e	8.2	8.1	6.4	8.2	14	6.1	3.9
14	4.7	3.2e	5.6e	1.5e	3.5e	8.0	7.9	6.2	28	11	5.6	3.6
15	4.8	3.2e	5.1e	1.7e	5.1e	7.4	7.5	5.9	24	26	5.2	3.6
16	4.5	3.1e	5.8e	1.9e	6.4e	7.2	7.4	6.1	9.6	14	5.0	3.6
17	5.7	3.8e	4.8e	2.6e	8.0	7.1	7.5	7.4	7.0	10	5.0	3.7
18	5.0	4.1e	3.7e	3.7e	8.5	7.1	7.4	6.9	6.8	8.7	4.8	3.6
19	5.0	3.3e	2.4e	4.4e	22	6.9	7.6	6.6	6.3	7.6	4.5	3.5
20	5.5	3.2e	2.0e	3.1e	326	6.8	7.7	7.6	6.1	7.2	4.4	3.3
21	5.6	3.6e	6.0e	3.8e	630	6.8	7.7	6.9	6.3	6.5	4.2	3.2
22	5.1	4.3e	4.3e	5.0e	1030	6.9	10	6.5	5.9	6.3	4.6	3.0
23	4.8	4.3e	2.9e	4.0e	585	6.9	13	7.9	5.6	6.0	162	3.1
24	4.2	4.3e	3.3e	5.7e	548	7.3	295	9.8	5.4	5.9	27	3.1
25	3.9	3.8e	3.4e	6.6e	876	8.1	270	10	5.3	5.7	11	3.0
26	4.3	4.5e	3.1e	6.1e	109	7.6	50	6.9	5.1	5.6	7.7	3.0
27	3.9	4.5e	3.7e	4.4e	33	8.1	23	6.2	5.0	5.5	6.4	3.0
28	4.1	4.3e	4.3e	2.0e	19	8.8	15	5.9	5.0	14	5.6	3.1
29	4.3	3.7e	4.9e	2.6e	---	8.9	12	6.9	4.9	51	5.2	3.5
30	4.7	2.9e	3.3e	3.4e	---	8.6	10	24	4.8	42	5.0	4.2
31	4.7	---	2.3e	4.0e	---	8.4	---	130	---	14	4.8	---
TOTAL	162.1	117.8	120.2	105.2	4248.1	263.6	853.1	365.6	271.1	831.5	634.5	125.3
MEAN	5.2	3.9	3.9	3.4	151.6	8.5	28.4	11.8	9.0	26.8	20.5	4.2
MAX	8.6	6.0	6.0	6.6	1030	13	295	130	37	435	162	13
MIN	3.1	2.9	2.0	1.5	1.5	6.8	6.8	5.9	4.8	4.8	4.2	3.0
AC-FT	322	234	238	209	8426	523	1692	725	538	1649	1259	249
CAL YEAR 2006	TOTAL		1633	MEAN	4.5	MAX	15.0	MIN	2.0	AC-FT	3240	
WTR YEAR 2007	TOTAL		8098	MEAN	22.2	MAX	1030	MIN	1.5	AC-FT	16060	

e indicates estimated discharge.

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 elevation is 2,163.3 feet above sea level.

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 538 cubic feet per second February 24, gage height 11.11 feet; minimum daily discharge 6.9 cubic feet per second estimated January 27.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.5	11	9.9e	10e	10e	22	19	13	20	13	17	10
2	9.7	11	11e	11e	7.6e	19	17	13	18	13	13	10
3	9.5	11	9.9e	13e	7.1e	17	16	13	17	12	12	9.3
4	9.7	11	11e	16e	8.1e	17	15	14	17	99	11	9.2
5	10	11	12e	19e	10e	18	15	14	17	28	11	9.6
6	10	11	13e	12	13e	17	16	13	18	14	12	16
7	11	12	12e	12	15e	17	15	13	18	13	187	14
8	11	12	11e	12	16e	17	16	13	16	12	91	11
9	13	11	11e	13	16e	17	16	13	16	14	25	11
10	15	11	11	12	15e	18	16	13	16	14	17	13
11	13	11	11	12	12e	18	16	12	16	13	15	14
12	12	11	11	12e	12e	18	15	12	15	15	14	12
13	11	12	11	10e	14e	18	16	12	38	17	13	12
14	11	12	11	9.6e	16e	19	16	12	36	15	13	12
15	12	13	11	8.3e	18	19	15	12	22	13	15	12
16	12	12	11	8.7e	20	19	15	12	17	13	13	12
17	15	12	11	11e	45	18	15	12	16	14	14	12
18	15	12	11	10e	107	19	15	12	17	13	13	12
19	12	11	11	11e	188	18	15	12	17	16	12	12
20	12	12	9.5e	11e	278	16	16	12	16	16	11	12
21	12	12	10e	11e	177	18	16	12	15	15	13	12
22	12	12	12e	12e	158	18	18	13	16	15	12	12
23	12	12	12	14e	75	17	18	15	16	14	12	12
24	12	12	11	12e	242	18	197	14	15	15	11	12
25	12	12	11	11e	183	20	101	14	15	13	11	12
26	12	12	11	8.8e	57	19	33	14	14	13	10	12
27	11	12	11	6.9e	28	18	18	15	13	13	10	12
28	11	12	11	8.0e	30	21	16	15	13	47	9.5	11
29	11	12	12e	8.7e	---	20	14	18	13	68	9.7	12
30	11	11e	11e	8.5e	---	20	14	83	12	80	9.8	13
31	11	---	11e	9.6e	---	19	---	26	---	43	9.7	---
TOTAL	360.4	349	343.3	344.1	1777.8	569	760	491	525	713	646.7	355.1
MEAN	11.6	11.6	11.0	11.1	63.5	18.3	25.3	15.9	17.5	23.1	20.9	11.7
MAX	15	13	13	19	278	22	197	83	38	99	187	16
MIN	9.5	11	9.5	6.9	7.1	16	14	12	12	12	9.5	9.2
AC-FT	715	692	681	683	3526	1129	1507	974	1041	1414	1283	704
CAL YEAR 2006	TOTAL		4286	MEAN	11.7	MAX	71.0	MIN	5.4	AC-FT	8502	
WTR YEAR 2007	TOTAL		7234	MEAN	19.8	MAX	278.0	MIN	6.9	AC-FT	14350	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

TURKEY CREEK at Edison, 06844210

LOCATION.--NEL/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 527 cubic feet per second February 20, gage height 11.97 feet; minimum daily discharge 1.5 cubic feet per estimated January 1.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.9	11	9.6	1.5e	6.8e	25	19	21	23	13	20	9.1
2	8.9	11	9.7e	4.0e	5.6e	18	17	20	21	13	14	9.1
3	8.8	11	6.9e	8.4e	9.2e	18	17	19	20	13	13	8.9
4	8.1	11	4.6e	13	15e	18	16	20	19	57	12	8.6
5	8.6	11	3.5e	16	17e	19	16	20	19	48	12	8.6
6	8.7	11	4.1e	13	24e	20	17	20	18	15	13	8.7
7	8.6	11	4.9e	10	44e	19	16	19	18	13	67	15
8	8.7	11	6.3	9.9	33e	19	16	18	17	12	137	9.6
9	10	12	10	11	29e	20	16	18	17	67	29	9.0
10	12	11	12	11	25e	19	17	18	17	13	17	10
11	11	11	11	9.9	31e	19	17	17	17	12	14	12
12	10	11	11	4.1e	35e	19	17	17	17	12	13	11
13	9.7	11	11	2.6e	26e	19	17	16	23	16	12	10
14	9.6	11	11	1.9e	9.5e	19	18	16	57	13	12	10
15	9.8	12	11	2.1e	2.9e	19	18	16	25	12	13	10
16	10	12	10	3.6e	5.5e	19	18	16	18	11	13	10
17	11	11	10	4.1e	72e	19	18	17	17	11	13	11
18	14	11	9.6	8.2e	120e	19	18	17	17	11	12	11
19	10	11	9.5e	7.8e	229e	19	18	17	17	11	12	11
20	10	11	9.2e	9.0e	306e	19	18	17	15	12	11	10
21	10	11	8.6e	7.3e	353e	19	18	17	15	11	11	10
22	10	11	9.5e	4.4e	276e	19	21	17	14	11	11	10
23	11	11	10	9.2e	195e	18	24	18	15	10	12	10
24	11	11	9.9	12e	188e	18	139	18	14	11	11	10
25	12	11	10e	13e	229e	18	129	18	14	10	10.0	10
26	12	11	10e	10e	68e	17	61	18	14	9.4	10.0	10
27	12	11	9.6	4.4e	31e	17	33	18	14	9.2	9.5	10
28	12	11	9.7e	5.2e	20	18	27	18	13	13	9.0	10
29	11	10	9.5e	7.6e	---	19	24	19	13	47	8.8	10
30	11	10	7.1e	5.4e	---	19	22	63	13	49	9.0	11
31	11	---	3.2e	10e	---	18	---	50	---	41	9.2	---
TOTAL	319.4	331	272	239.6	2405.5	585	842	633	551	606.6	569.5	303.6
MEAN	10.4	11.0	8.8	7.7	85.9	18.9	28.0	20.4	18.4	19.6	18.3	10.2
MAX	14	12	12	16	353	25	139	63	57	67	137	15
MIN	8.1	10	3.2	1.5	2.9	17	16	16	13	9.2	8.8	8.6
AC-FT	634	657	540	475	4771	1160	1670	1256	1093	1203	1130	602
CAL YEAR 2006	TOTAL		4247	MEAN	11.6	MAX	99.0	MIN	3.2	AC-FT	8424	
WTR YEAR 2007	TOTAL		7658	MEAN	21.0	MAX	353.0	MIN	1.5	AC-FT	15190	

e indicates estimated discharge.

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 95 cubic feet per second May 22, gage height 6.49 feet; minimum daily discharge 0.06 cubic feet per second October 4.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.08	0.28	0.31	0.38	0.30e	1.1	1.3	2.1	2.2	1.1	1.3	0.35
2	0.08	0.30	0.33	0.37	0.26e	1.2	1.3	2.0	2.0	1.0	1.1	0.38
3	0.07	0.30	0.33	0.40	0.25e	1.6	1.3	1.9	1.8	0.92	1.1	0.35
4	0.06	0.31	0.33	0.40	0.25e	1.7	1.1	1.8	1.5	1.1	0.98	0.32
5	0.08	0.31	0.33	0.36	0.39e	1.4	1.2	1.9	1.3	1.0	0.85	0.31
6	0.08	0.35	0.31	0.34	0.52e	1.8	1.2	1.9	1.2	0.88	0.76	0.34
7	0.08	0.37	0.30	0.33	0.44	3.7	1.2	1.6	1.1	0.75	0.67	0.32
8	0.08	0.38	0.32	0.34	0.31	2.6	1.1	1.4	1.1	0.56	0.70	0.33
9	0.33	0.40	0.34	0.35	0.29	2.7	1.1	1.5	0.95	54	0.65	0.29
10	0.31	0.40	0.34	0.32	0.29	2.3	1.1	1.4	0.79	15	0.60	0.51
11	0.28	0.40	0.34	0.25	0.30	2.4	1.2	1.4	0.73	5.1	0.51	0.42
12	0.15	0.39	0.35	0.22e	0.30	2.2	1.1	1.3	0.79	3.3	0.50	0.37
13	0.14	0.41	0.35	0.21e	0.20	2.2	1.2	1.2	7.2	2.5	0.44	0.35
14	0.15	0.43	0.35	0.23e	0.17	2.1	1.2	1.1	34	2.3	0.42	0.35
15	0.17	0.39	0.35	0.22e	0.18	1.9	1.2	1.0	9.8	2.0	0.44	0.45
16	0.20	0.38	0.35	0.22e	0.30	1.8	1.1	1.1	4.0	1.7	0.50	0.41
17	0.52	0.38	0.35	0.24e	0.41	1.8	1.2	1.2	2.7	1.5	0.49	0.42
18	0.36	0.35	0.36	0.24e	0.48	1.8	1.2	1.2	3.0	1.4	0.47	0.41
19	0.26	0.38	0.35	0.21	4.4	1.8	1.3	1.2	2.8	1.3	0.45	0.41
20	0.23	0.37	0.52	0.19	15	1.8	1.2	1.1	2.3	1.3	0.44	0.40
21	0.21	0.35	0.44	0.21	24	1.7	1.1	0.92	2.0	1.2	0.36	0.35
22	0.25	0.36	0.37	0.29	25	1.6	1.6	16	1.7	1.1	0.34	0.36
23	0.26	0.33	0.35	0.28	21	1.5	1.6	12	1.6	1.1	0.37	0.36
24	0.21	0.32	0.34	0.30	19	1.9	7.8	3.4	1.3	0.97	0.39	0.33
25	0.22	0.31	0.34	0.29	8.9	1.8	8.0	2.2	1.2	0.90	0.48	0.32
26	0.41	0.32	0.34	0.28	5.2	1.7	4.3	1.7	1.1	0.84	0.42	0.34
27	0.38	0.32	0.35	0.23	1.5	1.6	3.4	1.6	1.0	0.71	0.35	0.30
28	0.27	0.33	0.35	0.22e	1.4	1.6	2.9	1.3	1.0	0.86	0.31	0.31
29	0.28	0.29	0.51	0.24e	---	1.8	2.6	1.7	1.0	0.91	0.32	0.36
30	0.29	0.29	0.47	0.25e	---	1.8	2.4	5.0	1.0	1.1	0.36	0.47
31	0.23	---	0.40	0.24e	---	1.6	---	2.6	---	1.3	0.35	---
TOTAL	6.72	10.5	11.17	8.65	131.04	58.5	59.5	77.72	94.16	109.7	17.42	10.99
MEAN	0.22	0.35	0.36	0.28	4.6	1.9	2.0	2.5	3.1	3.5	0.56	0.37
MAX	0.52	0.43	0.52	0.40	25	3.7	8.0	16	34	54	1.3	0.51
MIN	0.06	0.28	0.30	0.19	0.17	1.1	1.1	0.92	0.73	0.56	0.31	0.29
AC-FT	13	21	22	17	260	116	118	154	187	218	35	22
CAL YEAR 2006	TOTAL		152	MEAN	0.42	MAX	31.0	MIN	0.010	AC-FT	302	
WTR YEAR 2007	TOTAL		596	MEAN	1.6	MAX	54.0	MIN	0.060	AC-FT	1182	

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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	115900	115000	114400	116700	118900	142800	158000	187500	208600	242200	250400	248500
2	116100	115000	114400	117200	118900	143500	158500	188400	210000	242200	251100	248300
3	116100	114800	114400	117400	118900	144000	159100	189300	211200	242200	251300	248100
4	115900	114800	114400	117500	118900	144600	159000	190100	213100	242300	251300	248000
5	115700	114900	114300	117500	118900	145100	159100	191900	215100	242600	251200	247600
6	115600	114900	114200	117600	118900	145600	159500	192900	216900	243100	251100	247500
7	115400	114800	114200	117700	119000	146100	160000	194300	218700	243100	251700	247800
8	115300	114800	114100	117700	119000	146500	160300	194900	219800	243000	251100	247500
9	115500	114800	114100	117700	119000	146900	160500	195400	220900	243200	251800	247500
10	115700	114800	114100	117700	119000	147400	160800	196000	222000	243200	252000	247000
11	116300	114800	114100	117700	119100	147800	161600	196700	223000	244200	252400	247400
12	115900	114500	114200	117900	119200	148200	161700	197200	224100	245500	252400	247200
13	115700	114600	114200	118000	119300	148200	162300	197600	226000	246100	252400	246800
14	115600	114400	114100	118000	119300	149000	162700	197900	228300	246400	252200	246600
15	115600	114800	114100	118000	119400	149200	163100	199800	230800	246700	252200	246600
16	115700	114600	114100	118000	119400	149500	163400	200200	232900	247000	251700	246300
17	115900	114800	114100	118000	119400	149900	163800	200600	234100	246900	251700	246200
18	115900	114800	114200	118000	119500	150200	164300	201000	235700	246900	250600	248100
19	115800	114600	114100	118000	119600	150700	164400	201400	237600	246200	250100	248000
20	115800	114600	114300	118100	120100	150800	164600	201700	238600	246700	249700	247900
21	115600	114600	114900	118400	120700	151200	165200	201900	239500	246700	249200	248000
22	115600	114600	115000	118600	122500	151600	165700	202100	239500	246600	248500	247900
23	115400	114600	115000	118600	125900	151900	166300	203800	240400	246400	249200	247800
24	115400	114600	115100	118600	129300	152600	166300	203900	240800	246400	249200	247800
25	115300	114600	115100	118600	132600	153300	168000	204100	241000	246100	249200	247800
26	115300	114500	115100	118700	135300	154000	170800	204500	240800	245700	249200	247500
27	115400	114500	115100	118600	138700	154200	175500	204500	241100	245700	249300	247500
28	115300	114600	115200	118700	141000	155000	178900	204800	241400	245500	249100	247000
29	115300	114500	115200	118800	---	155000	182500	205300	241700	248800	248900	247000
30	115300	114500	115800	118900	---	156700	186000	207200	242100	249200	248700	246900
31	115100	---	116300	118900	---	157600	---	207300	---	249800	248600	---
MEAN	115600	114700	114600	118100	122500	149600	165100	198800	229200	245400	250600	247500
MAX	116300	115000	116300	118900	141000	157600	186000	207300	242100	249800	252400	248500
MIN	115100	114400	114100	116700	118900	142800	158000	187500	208600	242200	248500	246200
CAL YEAR 2006	MEAN	125800	MAX	139200	MIN	114100						
WTR YEAR 2007	MEAN	172900	MAX	252400	MIN	114100						

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

R E P U B L I C A N R I V E R B A S I N

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

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 174 cubic feet per second May 24, gage height 3.59 feet; minimum daily discharge 1.1 cubic feet per second estimated December 7.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.2	6.4	3.1e	7.4e	5.3e	12	11	11	31	8.3	12	5.2
2	5.3	7.3	2.6e	6.4e	4.8e	12	11	11	19	8.5	11	4.9
3	5.4	7.3	2.5e	8.0	4.0e	11	10	11	18	7.8	8.4	4.7
4	5.5	7.3	2.0e	7.8	5.2e	11	10	11	16	8.3	6.8	4.6
5	5.6	7.3	2.0	8.4	6.4e	11	10	36	14	7.5	6.6	4.8
6	5.9	7.3	1.7	8.1	7.4e	10	10.0	69	13	8.9	6.7	5.0
7	6.2	7.2	1.1e	8.0	6.8e	10	9.9	24	12	7.7	7.2	6.9
8	6.0	7.2	1.8e	8.3	5.9e	10	10	18	11	7.2	7.9	5.4
9	7.2	7.1	1.6	8.6	5.1e	10	10	15	11	8.3	6.8	5.5
10	7.0	6.7	1.6	7.8	5.2e	9.7	10	14	11	8.6	7.2	6.0
11	7.1	6.6	1.8	6.4	5.1e	9.6	10	13	10	7.9	6.8	5.7
12	6.6	6.3	1.8	6.4e	4.0e	9.6	10	12	12	9.1	6.7	5.3
13	6.4	5.9	1.9	6.4e	3.7e	9.4	11	12	16	8.3	7.0	4.9
14	6.4	5.8	2.3	5.3e	3.9e	9.3	11	17	88	8.1	6.3	4.8
15	6.7	6.3	3.0	4.7e	4.0e	9.2	11	23	65	7.9	7.0	5.0
16	6.6	5.4	3.5	5.2e	4.9e	9.1	11	20	35	8.3	7.3	5.2
17	7.2	5.2	3.6	6.2e	6.2e	9.1	11	16	20	8.0	7.3	5.8
18	6.4	5.0	3.8	7.1e	14e	9.0	11	12	30	8.1	5.9	8.6
19	6.3	4.8	4.1	7.7e	26e	8.9	11	12	36	7.9	5.6	5.7
20	6.6	4.8	6.4	8.0e	54e	8.9	11	12	25	7.9	5.4	5.6
21	6.6	4.7	5.8	7.4e	64e	9.2	11	12	20	7.3	5.2	5.4
22	6.7	4.6	5.4	6.6e	53e	9.0	12	12	17	7.1	4.8	5.0
23	6.6	4.6	5.2	6.2e	39	8.7	11	47	16	7.5	6.8	5.3
24	6.6	4.5	5.4	6.5e	22	11	13	105	13	6.8	6.2	5.3
25	6.5	4.2	5.5	6.2	18	9.9	20	26	11	6.6	5.7	5.7
26	6.4	4.1	5.7	5.8	27	9.7	116	17	10	6.3	5.7	5.6
27	6.5	3.9	5.9	4.6e	18	10	32	14	9.5	6.9	5.1	5.5
28	6.4	4.1	6.0	4.4e	14	10	17	13	9.1	9.6	4.9	5.3
29	6.5	3.6	7.0	3.8e	---	12	14	12	8.7	14	6.1	5.7
30	6.3	3.3e	9.1e	4.5e	---	11	12	25	8.6	18	5.9	6.0
31	6.2	---	9.5e	4.3e	---	12	---	37	---	23	5.6	---
TOTAL	196.9	168.8	122.7	202.5	436.9	311.3	467.9	689	615.9	275.7	207.9	164.4
MEAN	6.4	5.6	4.0	6.5	15.6	10.0	15.6	22.2	20.6	8.9	6.7	5.5
MAX	7.2	7.3	9.5	8.6	64	12	116	105	88	23	12	8.6
MIN	5.2	3.3	1.1	3.8	3.7	8.7	9.9	11	8.6	6.3	4.8	4.6
AC-FT	391	335	243	402	867	617	928	1367	1222	547	412	326
CAL YEAR 2006	TOTAL		2313	MEAN	6.3	MAX	81.0	MIN	1.1	AC-FT	4588	
WTR YEAR 2007	TOTAL		3860	MEAN	10.6	MAX	116.0	MIN	1.1	AC-FT	7656	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

CENTER CREEK at Franklin, 06851000

LOCATION.--SE1/4SW1/4 Sec. 36-2-15 W. at Franklin, Franklin County, Latitude 40°05'33", Longitude 98°57'53", on the left bank at the downstream side of the Franklin County bridge at the southwest edge of Franklin, Nebraska.

GAGE.--Continuous stage recorder. Gage Datum is 1828.50 feet above sea level.

PERIOD OF RECORD.--1948 - 1956, Annual peaks and occasional low flow measurements 1961 - 1968, 1968 - 1975, 1977 - 1994, 2003 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993. Station location is about 1.7 miles downstream of the old station location. Records are 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 2,120 cubic feet per second May 5, at gage height 8.18 feet; minimum daily discharge 2.8 cubic feet per second July 26.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.2	3.3	5.7e	4.4e	5.0e	6.3	5.7	5.9	8.6	6.6	4.3	3.5
2	3.2	3.6	5.5e	4.6e	4.7e	6.4	5.3	5.8	8.4	6.6	4.2	3.6
3	3.3	3.5	4.6e	5.2	4.7e	6.4	5.6	6.0	8.3	6.6	4.1	3.6
4	3.4	3.4	4.4e	5.2	5.8e	6.1	6.0	18	8.2	6.6	4.1	3.3
5	3.5	3.4	5.7e	5.1	6.1e	6.0	6.3	272	8.2	5.1	4.1	3.0
6	3.6	3.5	5.8e	5.2	6.3e	6.1	6.2	5.3	8.1	3.2	4.2	3.5
7	3.7	3.6	4.6e	5.3	5.1e	6.3	6.2	7.1	8.1	4.2	4.2	4.0
8	3.7	3.6	4.8e	5.3	5.0e	5.9	6.1	9.3	8.1	4.1	4.2	3.5
9	4.2	3.6	5.4e	5.3	5.2e	5.4	6.1	9.1	7.8	3.6	3.8	3.6
10	3.9	3.9	5.0e	5.5	5.0e	5.4	6.2	8.5	7.5	3.7	3.8	3.9
11	3.3	4.3	4.9	5.6	5.5e	5.3	6.0	8.0	7.2	5.3	3.2	3.8
12	3.4	4.3	4.8	5.5e	4.7e	5.3	5.9	7.8	20	4.7	3.5	3.4
13	3.5	4.4	4.8	4.3e	4.2e	5.2	6.2	7.7	11	4.9	3.3	3.4
14	3.2	4.7	4.5	3.9e	3.9e	5.0	6.0	8.6	7.7	4.4	3.3	3.3
15	3.1	5.2	4.2	3.6e	3.9e	5.2	6.0	8.9	7.6	3.6	3.9	3.4
16	3.1	4.8	4.1	3.7e	4.7e	5.3	5.8	8.2	7.5	4.2	3.5	3.4
17	3.6	4.5	3.6	4.6e	6.5e	5.2	5.8	8.3	7.4	3.8	3.0	5.0
18	2.9	4.5	3.5	4.9e	10e	5.2	5.8	7.9	9.7	3.7	3.4	5.1
19	3.1	4.4	3.6	5.8e	11e	4.9	5.8	8.0	7.2	3.3	3.4	3.9
20	2.9	4.6	5.0	5.4e	16e	5.1	5.9	8.1	7.1	3.6	3.7	3.8
21	3.1	4.5	4.0	4.6e	20e	4.9	5.8	7.9	7.0	4.4	3.0	3.7
22	3.3	4.6	3.7	4.0e	15e	4.9	5.8	8.0	6.9	4.3	4.1	4.1
23	3.4	4.8	3.8	4.1e	8.4e	4.8	5.8	8.5	28	3.6	9.5	4.0
24	3.3	4.8	3.8	4.6e	7.2	5.7	6.3	8.0	6.8	3.6	4.0	4.0
25	3.1	5.1	3.9	5.0e	7.1	5.0	6.6	8.7	6.0	3.4	3.6	3.9
26	3.2	5.2	4.0	6.0e	6.9	4.9	6.2	7.7	6.1	2.8	3.6	3.9
27	3.4	4.6e	4.0	4.7e	6.7	5.2	6.1	7.9	6.6	3.5	4.0	3.9
28	3.4	4.3e	4.0	4.7e	6.5	5.4	5.9	7.9	6.6	4.9	3.3	3.9
29	3.5	3.6e	4.4e	4.7e	---	5.3	5.9	8.0	6.6	5.6	3.4	3.9
30	3.1	4.3e	4.3e	4.6e	---	5.3	5.9	9.1	6.6	4.6	3.5	3.9
31	3.3	---	4.4e	4.6e	---	5.9	---	8.6	---	4.5	3.5	---
TOTAL	103.9	126.9	138.8	150	201.1	169.3	179.2	518.8	260.9	137	120.7	113.2
MEAN	3.4	4.2	4.5	4.8	7.2	5.5	6.0	16.7	8.7	4.4	3.9	3.8
MAX	4.2	5.2	5.8	6.0	20	6.4	6.6	272	28	6.6	9.5	5.1
MIN	2.9	3.3	3.5	3.6	3.9	4.8	5.3	5.3	6.0	2.8	3.0	3.0
AC-FT	206	252	275	298	399	336	355	1029	517	272	239	225
CAL YEAR 2006	TOTAL		2269	MEAN	6.2	MAX	518.0	MIN	0.85	AC-FT	4501	
WTR YEAR 2007	TOTAL		2220	MEAN	6.1	MAX	272.0	MIN	2.8	AC-FT	4403	

e indicates estimated discharge.

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

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 3,580 cubic feet per second May 5, gage height 9.62 feet; minimum daily discharge 5.3 on October 2.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.7	14	16e	21e	19e	48	43	50	121	151	168	45
2	5.3	14	16e	22e	18e	44	40	46	120	166	121	43
3	5.7	15	16e	23e	17e	41	39	45	104	251	91	41
4	6.1	15	17e	28e	20e	38	38	46	82	319	86	39
5	6.7	15	20e	29	21e	37	39	2250	70	317	114	36
6	7.0	15	21e	28	25e	36	40	598	61	267	155	36
7	6.7	15	17e	28	25e	35	40	373	52	241	183	45
8	6.3	15	14e	27	23e	35	39	264	45	249	186	38
9	8.9	14	17e	26	22e	32	39	175	40	258	186	36
10	12	14	21e	26	23e	31	39	130	40	253	180	39
11	13	15	20e	24e	27e	31	38	101	35	237	162	38
12	11	16	20e	22e	27e	30	37	85	37	225	149	34
13	11	16	19e	21e	24e	29	39	73	489	223	157	31
14	11	16	19	19e	18e	28	41	66	479	208	170	30
15	11	18	18	19e	17e	28	39	87	355	191	169	30
16	11	18	19	19e	17e	28	35	148	222	188	172	30
17	14	17	18	20e	26e	27	33	102	174	195	173	30
18	13	16	18	20e	43e	27	32	80	148	206	174	45
19	13	17	18e	22e	74e	26	31	69	290	206	172	40
20	13	17	19e	21e	123e	26	30	62	268	200	167	34
21	12	17	20e	20e	164e	25	30	58	173	191	173	30
22	12	17	20e	18e	169e	26	31	55	117	189	167	29
23	12	18	20e	21e	123	26	33	64	214	189	236	28
24	13	17	20e	21e	96	32	44	82	346	199	261	27
25	13	17	19e	21e	77	38	53	99	358	201	174	26
26	13	17	18e	22e	63	34	51	135	353	197	106	27
27	14	18	19e	21e	54	33	50	79	320	191	76	27
28	13	19	19e	19e	52	34	82	63	307	235	61	26
29	13	16e	20e	20e	---	34	69	56	266	273	55	26
30	13	16e	22e	18e	---	37	56	98	178	316	51	25
31	13	---	21e	19e	---	41	---	174	---	318	48	---
TOTAL	332.4	484	581	685	1407	1017	1250	5813	5864	7050	4543	1011
MEAN	10.7	16.1	18.7	22.1	50.3	32.8	41.6	187.7	195.6	227.3	146.5	33.8
MAX	14	19	22	29	169	48	82	2250	489	319	261	45
MIN	5.3	14	14	18	17	25	30	45	35	151	48	25
AC-FT	659	960	1152	1359	2791	2017	2479	11530	11630	13980	9011	2005
CAL YEAR 2006	TOTAL		11856	MEAN	32.5	MAX	321.0	MIN	0.040	AC-FT	23520	
WTR YEAR 2007	TOTAL		30037	MEAN	82.3	MAX	2250	MIN	5.3	AC-FT	59580	

e indicates estimated discharge.

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 2,910 cubic feet per second May 5, gage height 11.46 feet; minimum daily discharge 6.5 cubic feet per second July 26.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	16	13e	14e	12e	17	18	16	83	16	79	14
2	13	16	13e	15e	12e	16	17	14	32	17	63	13
3	13	16	13e	15e	11e	16	17	14	22	16	37	13
4	13	17	13e	16e	11e	17	16	13	20	17	21	13
5	13	17	13e	17	12e	17	15	754	19	15	15	12
6	14	18	14e	17	13e	18	15	47	18	15	13	13
7	14	17	14e	17	13e	17	14	33	17	14	13	14
8	14	17	14e	17	15e	18	14	28e	16	14	13	14
9	16	17	15e	16e	14e	19	15	26e	14	15	12	13
10	16	17	14	16e	15e	18	15	25e	14	15	10	14
11	15	15	14	15e	15e	18	16	23e	12	15	11	13
12	14	16	14	15e	14e	19	15	22e	14	14	10	12
13	15	16	14	14e	12e	19	17	21e	478	13	9.2	12
14	15	16	14	14e	11e	19	16	20e	143	11	8.3	13
15	15	17	14	14e	11e	18	16	23	142	11	8.2	13
16	15	15	14	14e	12e	17	16	17	43	12	8.7	13
17	18	16	14	13e	13e	17	16	17	25	9.1	9.7	13
18	16	15	14	14e	20e	18	16	17	23	9.0	8.3	15
19	15	15	14	14e	32e	18	16	17	25	9.4	8.0	13
20	16	15	14e	14e	54e	18	16	17	19	8.8	8.9	14
21	16	16	15e	13e	89e	18	17	17	18	8.5	10	14
22	16	15	14e	13e	50	18	17	18	16	8.7	12	14
23	16	16	14e	13e	29	18	16	19	73	7.1	99	13
24	16	16	14e	13e	23	20	32	18	21	7.2	21	13
25	16	15	15e	14e	18	19	22	42	18	7.8	16	14
26	17	14	14e	13e	17	18	19	23	16	6.5	15	13
27	18	14	14e	12e	17	19	18	16	17	6.6	15	13
28	18	13e	14e	13e	17	18	17	15	17	137	15	13
29	17	13e	15e	13e	---	19	17	16	16	43	15	13
30	17	13e	15e	12e	---	18	16	97	16	36	15	13
31	16	---	15e	13e	---	19	---	261	---	128	15	---
TOTAL	475	469	435	443	582	558	507	1706	1407	662.7	614.3	397
MEAN	15.4	15.6	14.0	14.3	20.7	18.0	17.0	55.0	46.9	21.4	19.9	13.3
MAX	18	18	15	17	89	20	32	754	478	137	99	15
MIN	12	13	13	12	11	16	14	13	12	6.5	8.0	12
AC-FT	942	930	863	879	1154	1107	1006	3384	2791	1314	1218	787
CAL YEAR 2006	TOTAL		5655	MEAN	15.5	MAX	384.0	MIN	5.7	AC-FT	11220	
WTR YEAR 2007	TOTAL		8256	MEAN	22.6	MAX	754.0	MIN	6.5	AC-FT	16380	

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 1,920 cubic feet per second May 5, gage height 15.23 feet; minimum daily discharge 8.7 cubic feet per second July 26, 27 & August 27.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	11	12	13e	12e	14	13	13	14	11	22	14
2	11	11	12	14	12e	13	12	13	14	11	18	13
3	11	11	12	14	11e	13	12	14	13	11	15	13
4	11	11	12	14	12e	13	12	14	13	11	13	12
5	11	11	12	14	12	13	12	721	13	10	13	12
6	11	11	12	14	13	13	12	128	13	10	12	12
7	11	11	12	13	13e	13	12	59	13	9.9	12	12
8	11	11	12	13	12e	13	12	33	13	9.8	12	12
9	11	11	12	13	12e	13	12	17	13	10.0	11	12
10	12	11	13	13	12e	13	12	14	19	9.7	11	12
11	12	12	13	13	13e	13	12	12	13	9.7	9.9	12
12	11	12	13	12e	13e	13	12	11	13	9.7	9.6	11
13	11	12	13	12e	12e	13	13	10	14	9.7	9.3	11
14	11	12	13	12e	12e	13	12	11	23	9.4	9.1	11
15	11	12	13	12e	11e	13	12	19	29	9.4	8.9	11
16	11	12	13	12e	12e	12	12	13	15	9.7	9.1	11
17	11	12	13	13e	12	12	12	11	13	9.5	9.1	11
18	11	12	13	13	13	12	12	10	14	9.5	9.0	13
19	11	12	13e	13	36	12	12	10	13	9.5	9.0	12
20	11	12	13e	13	56	12	13	10	12	9.4	8.9	11
21	11	12	13e	13	30	12	13	10	12	9.3	8.8	11
22	11	12	13e	13	21	12	12	11	12	9.0	10	11
23	11	12	13	13	17	12	12	12	12	9.4	14	11
24	11	12	13	13	18	15	15	17	12	9.1	11	11
25	11	12	13	13	24	14	17	13	12	8.8	9.8	11
26	11	12	13	13	17	13	14	12	12	8.7	9.2	11
27	11	12	13	13e	14	13	13	12	12	8.7	8.7	11
28	11	12	13	13e	14	12	13	12	12	9.9	12	11
29	11	12	14e	12e	---	12	13	12	11	112	257	11
30	11	12	15e	12e	---	12	13	16	11	55	25	11
31	11	---	14e	12e	---	14	---	14	---	35	16	---
TOTAL	342	350	398	400	466	397	378	1284	415	473.8	612.4	348
MEAN	11.0	11.7	12.8	12.9	16.6	12.9	12.7	41.5	13.9	15.3	19.7	11.6
MAX	12	12	15	14	56	15	17	721	29	112	257	14
MIN	10	11	12	12	11	12	12	10	11	8.7	8.7	11
AC-FT	678	694	789	793	924	787	750	2547	823	940	1215	690
CAL YEAR 2006	TOTAL		4655	MEAN	12.8	MAX	520.0	MIN	6.9	AC-FT	9234	
WTR YEAR 2007	TOTAL		5864	MEAN	16.1	MAX	721.0	MIN	8.7	AC-FT	11630	

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 2007												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	33	47	44	60	49	113	103	100	39	214	264	109
2	32	48	40	70	53	99	98	93	37	223	253	98
3	30	50	45	80	51	97	90	99	39	220	234	90
4	31	52	47	90	53	96	87	160	49	228	176	83
5	34	53	52	68	55	92	90	279	49	251	180	78
6	34	53	47	73	58	89	89	248	51	257	193	79
7	34	55	44	105	58	87	88	340	50	248	189	89
8	34	54	52	73	60	88	88	361	51	238	186	86
9	37	52	59	68	60	85	89	282	52	241	184	82
10	43	51	62	67	62	84	95	167	72	251	175	85
11	44	52	68	39	62	84	90	109	101	248	176	83
12	44	55	75	40	46	83	91	107	109	244	159	79
13	44	55	65	44	54	81	97	108	117	243	168	74
14	46	55	59	45	56	79	96	76	115	238	199	72
15	43	54	59	49	58	77	95	28	114	239	221	74
16	43	57	56	48	59	78	93	27	111	240	230	77
17	42	57	54	51	60	77	92	27	112	230	202	84
18	44	57	47	52	70	78	89	27	110	225	174	90
19	45	57	67	51	154	75	89	27	129	230	177	90
20	48	58	74	49	295	77	89	28	165	231	186	81
21	45	58	69	50	275	75	88	32	163	227	166	75
22	44	59	64	50	250	75	85	71	166	222	207	72
23	45	59	59	51	232	84	91	57	163	219	260	71
24	47	58	60	54	219	94	116	48	208	224	236	71
25	48	57	49	57	189	91	133	49	208	225	228	67
26	50	57	59	60	149	90	116	49	237	217	128	69
27	48	59	60	58	130	89	108	49	226	223	158	68
28	48	54	62	61	121	89	109	49	183	224	154	67
29	49	48	75	54	---	89	133	50	218	239	197	67
30	47	44	82	55	---	95	114	52	220	231	186	68
31	47	---	82	53	---	108	---	51	---	241	140	---
TOTAL	1303	1625	1837	1825	3038	2698	2931	3250	3664	7231	5986	2378
MEAN	42.0	54.2	59.3	58.9	108.5	87.0	97.7	104.8	122.1	233.2	193.1	79.3
MAX	50	59	82	105	295	113	133	361	237	257	264	109
MIN	30	44	40	39	46	75	85	27	37	214	128	67
AC-FT	2584	3223	3644	3620	6026	5351	5814	6446	7267	14340	11870	4717
CAL YEAR 2006	TOTAL		25525	MEAN	69.9	MAX	341.0	MIN	0.000	AC-FT	50630	
WTR YEAR 2007	TOTAL		37766	MEAN	103.5	MAX	361.0	MIN	27.0	AC-FT	74910	

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 2007

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

NO WATER WAS DIVERTED IN 2007.

CAL YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2007	MAX	0.000	MIN	0.000	AC-FT	0.00

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Surprise, 06879900

LOCATION.--NW1/4NW1/4 Sec. 15-13-1 E., Butler County, Lat. 41° 06' 05", Long. 97° 18' 35", on left bank
50 feet downstream from bridge on county road at south edge of Surprise.

DRAINAGE AREA.--345 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,522.84 feet above mean sea level.

PERIOD OF RECORD.--1964 - present (Published as North Branch Big Blue River at Surprise WY 1964)

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,700 cubic feet per second July 19, 1965, gage height
11.52 feet; no flow for many days in many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,040 cubic feet per second August 9, gage height 9.45 feet;
minimum daily discharge zero many days during the year.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.55	0.00	0.00	0.35e	0.00e	15e	2.9	9.7	4.4	2.5	22	2.4
2	0.56	0.00	0.00	0.31e	0.00e	12e	1.4	6.0	1.3	2.5	103	1.8
3	0.51	0.00	0.00	0.27e	0.00e	8.1	0.95	4.4	0.40	1.8	36	1.6
4	0.36	0.00	0.00	0.28e	0.00e	8.9	0.36	3.0	40	1.2	12	1.2
5	0.24	0.00	0.00	0.23e	0.00e	8.3	0.15	2.1	48	0.47	3.3	0.85
6	0.18	0.00	0.00	0.22e	0.00e	4.9	0.11	40	26	0.29	2.1	0.60
7	0.14	0.00	0.00	0.20e	0.00e	3.9	0.05	45	13	0.17	619	1.00
8	0.09	0.00	0.00	0.18e	0.00e	3.3	0.03	16	6.7	0.70	1630	1.2
9	0.05	0.00	0.00	0.13e	0.00e	2.7	0.01	6.2	4.4	0.81	1940	0.88
10	0.08	0.00	0.00	0.10e	0.00e	2.1	0.02	3.1	2.8	0.46	1530	1.2
11	0.14	0.00	0.00	0.06e	0.00e	1.2	0.04	1.8	2.6	13	621	1.3
12	0.12	0.00	0.00	0.02e	0.00e	1.1	0.03	0.82	2.3	38	79	0.98
13	0.07	0.00	0.00	0.00e	0.00e	0.80	0.01e	0.48	13	74	42	0.73
14	0.03	0.00	0.00	0.00e	0.00e	0.61	0.01e	0.27	59	28	29	0.85
15	0.02	0.00	0.00	0.00e	0.00e	0.32	0.01e	0.64	185	22	22	1.2
16	0.04	0.00	0.00e	0.00e	0.00e	0.10	0.02	0.16	440	13	21	1.4
17	0.06	0.00	0.00e	0.00e	0.00e	0.08	0.01e	0.15	187	12	12	0.98
18	0.12	0.00	0.00e	0.00e	0.36e	0.02	0.01e	0.88	50	5.9	7.6	2.5
19	0.09	0.00	0.00e	0.00e	1.3e	0.05	0.01	0.90	28	5.1	5.8	16
20	0.08	0.00	0.20e	0.00e	4.1e	0.03	0.02	0.49	16	2.9	3.9	4.5
21	0.10	0.00	0.26e	0.00e	7.2e	0.01	0.04	0.24	8.5	2.3	100	0.96
22	0.07	0.00	0.29e	0.00e	9.8e	0.10	0.10	0.12	8.9	1.9	71	0.47
23	0.04	0.00	0.21e	0.00e	12e	0.10	0.03	1.1	6.0	0.99	63	0.15
24	0.02	0.00	0.29e	0.00e	13e	0.01	79	5.8	4.1	0.12	87	0.15
25	0.00	0.00	0.21e	0.00e	15e	0.04	240	1.6	3.1	0.06	31	0.35
26	0.00	0.00	0.24e	0.00e	16e	0.03	72	2.1	2.5	0.62	13	0.27
27	0.00	0.00	0.16e	0.00e	16e	0.08	47	1.8	2.2	0.62	5.1	0.16
28	0.00	0.00	0.18e	0.00e	16e	0.15	42	0.61	2.0	1.3	9.7	0.28
29	0.00	0.00	0.21e	0.00e	---	0.13	35	1.2	1.8	2.7	62	0.43
30	0.00	0.00	0.24e	0.00e	---	0.20	21	1.8	2.5	2.5	14	0.24
31	0.00	---	0.28e	0.00e	---	2.7	---	2.0	---	1.8	4.2	---
TOTAL	3.76	0	2.77	2.35	110.76	77.06	542.32	160.46	1171.5	239.71	7200.7	46.63
MEAN	0.12	0.000	0.089	0.077	4.0	2.5	18.1	5.2	39.1	7.7	232.3	1.6
MAX	0.56	0.00	0.29	0.35	16	15	240	45	440	74	1940	16
MIN	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.12	0.40	0.06	2.1	0.15
AC-FT	7.5	0.00	5.5	4.7	220	153	1076	318	2324	475	14280	92
CAL YEAR 2006	TOTAL		935	MEAN	2.6	MAX	113.0	MIN	0.000	AC-FT	1855	
WTR YEAR 2007	TOTAL		9558	MEAN	26.2	MAX	1940	MIN	0.000	AC-FT	18960	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

LINCOLN CREEK near Seward, 06880000

LOCATION.--NW1/4NE1/4 Sec. 24-11-2 E., Seward County, Lat. 40° 54' 57", Long. 97° 08' 43", on left bank at downstream side of county road bridge, 2 miles west of Seward, and 3.8 miles upstream from the mouth.

DRAINAGE AREA.--438 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,429.27 feet above sea level.

PERIOD OF RECORD.--1953 - 1973, March 1974 - present. Month discharge only for some periods, published in USGS WSP 1730.

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,100 cubic feet per second June 17, 1957, gage height 20.53 feet; minimum daily discharge 1.3 cubic feet per second July 31, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,470 cubic feet per second April 26, gage height 15.80 feet; minimum daily discharge 7.0 cubic feet per second estimated January 16.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	8.5	8.2e	10e	11e	56e	28	68	34	20	130	38
2	12	8.6	8.5e	10.0e	11e	57e	18	58	32	19	617	26
3	11	8.6	8.5e	10e	11e	57e	16	51	33	18	670	22
4	11	8.7	8.7e	11e	11e	56e	15	47	83	19	666	21
5	11	8.8	9.3e	10e	11e	53e	15	47	122	19	342	20
6	10	8.8	9.7e	10e	12e	48e	15	73	91	19	90	20
7	10	8.8	8.9e	9.9e	11e	35e	16	76	52	19	155	20
8	10	8.8	9.1e	10e	12e	25e	17	65	40	19	198	19
9	10	8.8	9.7e	10e	12e	22e	17	62	35	25	287	19
10	10.0	8.9	10e	11e	12e	21e	16	52	33	24	181	19
11	10.0	8.7	10e	9.7e	14e	19	17	42	31	21	74	20
12	9.8	8.6	10e	9.5e	13e	17	15	38	30	150	63	20
13	9.5	8.6	10e	8.5e	13e	17	15	37	88	146	105	20
14	9.3	8.6	10e	7.5e	13e	16	14	48	72	86	73	20
15	9.4	8.7	10	7.2e	14e	15	14	96	41	74	42	20
16	9.8	8.7	9.4e	7.0e	15e	15	13	43	42	64	28	20
17	9.5	8.5	9.3e	7.2e	14e	14	13	35	74	36	23	21
18	9.5	8.4	9.1e	8.6e	19e	14	13	50	59	24	20	22
19	9.1	8.4	9.4e	8.9e	25e	14	13	68	105	22	19	38
20	8.7	8.3	9.5e	9.6e	39e	14	13	68	105	21	18	162
21	9.1	8.3	9.6e	9.0e	58e	14	13	71	62	19	18	35
22	8.7	8.5	9.4e	9.4e	68e	14	13	65	42	18	17	19
23	8.5	8.8	8.9e	9.7e	79e	13	13	55	35	18	18	16
24	8.5	8.6	8.4e	9.9e	63e	13	97	195	30	17	18	15
25	8.5	8.9	8.3e	10e	59e	13	1210	68	27	16	16	18
26	9.1	8.9	8.7e	9.6e	55e	13	1320	38	25	16	16	17
27	8.7	9.0	8.6e	8.8e	49e	13	391	33	24	28	25	13
28	8.5	9.0e	8.7e	8.0e	53e	13	158	31	22	23	53	13
29	8.4	8.8e	8.5e	9.0e	---	13	125	30	21	22	708	14
30	8.5	8.5e	11e	9.8e	---	14	88	33	21	31	500	15
31	8.5	---	11e	11e	---	24	---	34	---	35	106	---
TOTAL	295.6	260.1	288.4	289.8	777	742	3741	1777	1511	1088	5296	762
MEAN	9.6	8.7	9.3	9.4	27.7	24.0	124.8	57.4	50.4	35.1	170.9	25.4
MAX	12	9.0	11	11	79	57	1320	195	122	150	708	162
MIN	8.4	8.3	8.2	7.0	11	13	13	30	21	16	16	13
AC-FT	586	516	572	575	1541	1472	7420	3525	2997	2158	10500	1511
CAL YEAR 2006	TOTAL		7863	MEAN	21.5	MAX	1030	MIN	3.6	AC-FT	15600	
WTR YEAR 2007	TOTAL		16828	MEAN	46.1	MAX	1320	MIN	7.0	AC-FT	33380	

e indicates estimated discharge.

BIG BLUE RIVER at Seward, 06880500

LOCATION.--SEL/4SW1/4 Sec. 20-11-3 E., Seward County, Lat. 40° 54' 10", Long. 97° 06' 40", at downstream end of right abutment of bridge on U.S. Highway 34 at west edge of Seward, 1.7 miles upstream of Plum Creek, and 0.2 mile downstream from Lincoln Creek.

DRAINAGE AREA.--1,107 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,421.49 feet above sea level.

PERIOD OF RECORD.--1954 - present. Monthly discharge only for some periods, published in WSP 1730.

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 15,300 cubic feet per second June 18, 1957, gage height 22.34 feet; no flow July 30-31, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,110 cubic feet per second April 26, gage height 14.23 feet; minimum daily discharge 7.8 cubic feet per second July 26.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21	13	14e	21e	18e	195	69	139	124	23	75	115
2	20	13	14e	20e	18e	159	83	111	110	21	442	71
3	19	13	13e	19e	18e	112	74	93	105	16	458	54
4	17	14	14e	20e	18e	123	64	82	138	15	540	46
5	16	14	16	20e	18e	131	56	78	194	16	304	39
6	14	18	16e	20e	19e	131	49	126	195	17	94	35
7	13	16	14e	20e	18e	127	45	132	170	18	130	31
8	13	15	15e	22e	18e	114	44	135	129	16	459	29
9	12	15	16e	19e	17e	97	43	128	103	21	1180	26
10	14	16	16	22e	17e	90	42	94	88	53	1160	27
11	14	16	16	22e	18e	95	43	76	77	44	1210	26
12	15	18	17	19e	19e	84	42	66	70	118	1330	26
13	15	16	18	17e	18e	74	44	59	79	136	1060	26
14	14	16	18	17e	18e	67	43	56	107	112	262	26
15	14	17	17	16e	18e	62	40	84	124	130	126	24
16	15	17	17	14e	19e	57	37	74	129	77	81	23
17	14	16	16e	15e	19e	51	36	61	165	50	65	23
18	14	16	15e	16e	25e	46	35	67	221	26	68	25
19	15	16	14e	16e	32e	42	32	89	231	28	60	54
20	12	15	16e	16e	63e	40	31	90	197	30	41	204
21	13	15	19e	17e	100e	38	31	99	136	24	37	105
22	14	16	19e	17e	157e	38	31	108	95	18	37	65
23	14	17	20e	17e	218e	36	31	112	81	16	135	45
24	14	17	20e	18e	242e	29	88	140	69	12	209	34
25	15	16	19e	19e	244e	32	1450e	189	59	8.8	168	39
26	16	16	19e	19e	238e	31	2100e	200	49	7.8	98	72
27	15	16	21e	19e	225e	32	1220e	156	38	15	77	48
28	15	16	21e	19e	196	32	362	133	29	17	94	37
29	14	15e	21e	18e	---	31	224	126	28	21	1230	29
30	14	14e	22e	19e	---	35	175	126	26	80	1320	27
31	13	---	23e	19e	---	58	---	123	---	50	602	---
TOTAL	458	468	536	572	2048	2289	6664	3352	3366	1236.6	13152	1431
MEAN	14.8	15.6	17.3	18.5	73.1	73.9	222.2	108.1	112.1	39.9	423.8	47.7
MAX	21	18	23	22	244	195	2100	200	231	136	1330	204
MIN	12	13	13	14	17	29	31	56	26	7.8	37	23
AC-FT	908	928	1063	1135	4062	4540	13220	6649	6676	2453	26090	2838
CAL YEAR 2006 TOTAL			15176	MEAN	41.6	MAX	1500	MIN	1.9	AC-FT	30100	
WTR YEAR 2007 TOTAL			35573	MEAN	97.5	MAX	2100	MIN	7.8	AC-FT	70560	

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 4,420 cubic feet per second May 7, gage height 16.04 feet; minimum daily discharge 0.27 cubic feet per second estimated December 19.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.9	1.3	0.75e	0.89e	1.3e	34	54	35	124	9.5	283	370
2	4.2	1.3	0.59e	0.78e	0.99e	28	46	26	114	9.1	246	280
3	2.7	1.2	0.38e	0.75e	0.70e	27	34	19	105	9.9	998	122
4	1.4	1.3	0.87e	1.6e	0.62e	26	24	14	71	9.4	1380	69
5	0.98	1.3	1.8e	2.8e	0.44e	21	18	490	48	11	786	49
6	0.71	1.3	1.6e	2.8e	0.69e	29	13	3210	44	9.5	181	43
7	0.54	1.7	0.72e	2.4e	0.66e	24	10	4030	37	5.6	98	36
8	0.47	1.7	1.5e	1.8e	0.41e	21	9.0	1620	33	5.4	60	32
9	0.45	1.6	0.83	2.4e	0.37e	18	8.1	319	28	8.3	43	28
10	0.44	1.9	0.60	2.5e	0.65e	17	8.0	167	24	6.3	32	23
11	0.46	1.9	0.60	2.5e	0.62e	15	8.4	104	22	4.9	25	22
12	0.46	1.9	0.72	1.3e	0.96e	13	8.2	73	20	123	21	21
13	0.48	1.8	0.69	1.3e	1.1e	11	8.0	57	101	84	16	20
14	0.50	1.7	0.67	1.1e	0.87e	9.8	7.1	48	86	103	16	19
15	0.50	1.8	0.75	0.79e	0.87e	9.0	6.0	102	125	33	18	19
16	0.54	1.7	0.70	0.48e	1.6e	8.6	5.6	110	38	17	19	19
17	0.55	1.6	0.47e	0.47e	1.6e	8.0	5.2	90	22	11	14	19
18	0.55	1.5	0.43e	0.56e	1.9e	7.3	4.9	149	19	10	12	28
19	0.64	1.4	0.27e	0.74e	10e	6.8	4.9	116	17	6.0	10	84
20	0.77	1.5	0.41e	0.51e	41e	6.8	4.7	68	17	5.8	9.7	524
21	0.75	0.93	0.86e	0.49e	88e	6.7	4.4	51	17	13	9.9	469
22	0.86	0.91	0.90e	0.44e	143e	6.3	4.4	39	16	11	20	181
23	0.90	0.91	0.62e	0.74e	154e	5.9	4.1	33	16	8.0	362	92
24	1.0	0.86	0.53e	0.83e	150e	6.3	12	76	17	6.6	713	65
25	0.81	0.86	0.50e	1.2e	131e	6.2	608	286	19	7.5	414	599
26	0.96	0.86	0.69	2.3e	113e	6.0	1330	282	14	3.8	363	594
27	0.72	0.85	0.68	1.8e	75e	6.5	698	187	12	2.5	198	312
28	0.75	0.85e	0.79	2.0e	46	7.7	245	146	11	1.1	96	161
29	0.83	0.56e	0.74	2.3e	---	6.8	103	92	11	7.0	239	90
30	0.88	0.66e	0.91e	1.7e	---	7.8	54	58	10	38	394	63
31	1.2	---	0.95e	1.5e	---	57	---	79	---	352	367	---
TOTAL	33.9	39.65	23.52	43.77	967.35	463.5	3350	12176	1238	932.2	7443.6	4453
MEAN	1.1	1.3	0.76	1.4	34.6	15.0	111.8	392.8	41.3	30.1	240.2	148.4
MAX	6.9	1.9	1.8	2.8	154	57	1330	4030	125	352	1380	599
MIN	0.44	0.56	0.27	0.44	0.37	5.9	4.1	14	10	1.1	9.7	19
AC-FT	67	79	47	87	1919	919	6645	24150	2456	1849	14760	8832
CAL YEAR 2006	TOTAL		6696	MEAN	18.3	MAX	1330	MIN	0.010	AC-FT	13280	
WTR YEAR 2007	TOTAL		31164	MEAN	85.4	MAX	4030	MIN	0.27	AC-FT	61810	

e indicates estimated discharge.

BIG BLUE RIVER at Beatrice, 06881500

LOCATION.--SW1/4NW1/4 Sec. 3-3-6 E., Gage County, Lat. 40° 15' 22", Long. 96° 44' 47", at the left upstream side of U.S. Highway 77 bridge, which is 6th street in Beatrice.

DRAINAGE AREA.--3,900 square miles, approximately 3,830 square miles contributes to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,219.90 feet above mean sea level.

PERIOD OF RECORD.--1910 - 1915, (Month discharge only for some periods, published in WSP 1310). 1954, 1960 - 1965, 1967 - 1969, 1971 - 1974 (discharge measurements only), 1974 - present. Gage height records collected 1905 - 1910, 1916 - 1974, are in reports of U.S. Weather Bureau.

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 55,100 cubic feet per second June 14, 1984, gage height 31.27 feet; minimum daily discharge 20 cubic feet per second August 15, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 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 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	148	119	112e	146e	108e	973e	1330	1220	1990	181	1870	5190
2	133	117	113e	142e	108e	768e	710	912	1560	167	2330	2880
3	123	116	117e	141e	94e	488e	568	718	946	154	3390	1400
4	118	113	124e	144e	98e	504e	452	584	700	159	4320	767
5	111	116	132e	142e	111e	532e	381	1920	582	155	5420	506
6	106	117	136e	138e	126e	538e	330	9460	584	147	3320	386
7	101	119	122e	139e	105e	410e	304	17300	626	133	1820	342
8	100	115	118e	148e	100e	527	283	14900	546	129	1150	282
9	102	118	131e	146e	106e	526	271	7660	476	130	968	249
10	103	124	143e	156e	106e	531	276	3360	401	133	1460	226
11	104	124	146	159e	111e	436	312	2150	353	194	2290	197
12	103	124	143	145e	123e	384	293	1500	320	248	2230	175
13	102	126	138	129e	94e	351	270	1100	317	312	2110	162
14	100	127	137	125e	86e	329	254	866	919	567	2120	162
15	102	127	141	121e	85e	308	244	1630	2170	745	1700	165
16	108	128	142	118e	88e	285	228	3170	1380	523	788	143
17	107	127	141	120e	120e	263	218	2020	674	383	514	126
18	109	129	138e	125e	139e	255	213	1260	471	330	384	165
19	109	125	136e	131e	191e	239	204	990	578	276	323	243
20	110	126	141e	133e	243e	238	192	848	659	281	295	1080
21	121	122	146e	124e	401e	226	186	718	550	210	278	1050
22	114	125	147e	102e	673e	225	191	627	468	237	273	1080
23	113	127	143e	113e	954e	210	182	581	762	247	509	600
24	111	128	144e	114e	1330e	205	230	2990	570	172	2650	336
25	113	129	144e	116e	1310e	200	2240	2660	386	147	2620	296
26	115	128	144e	128e	1250e	196	4590	2720	350	122	1960	1750
27	114	133	142	124e	1030e	202	6480	1740	294	112	1580	1410
28	115	132e	142	114e	1110e	205	5640	1140	260	101	1210	631
29	115	130e	150	110e	---	209	2660	871	227	155	1130	345
30	117	122e	154e	99e	---	218	1660	682	204	191	3250	215
31	121	---	151e	101e	---	1220	---	584	---	493	5490	---
TOTAL	3468	3713	4258	3993	10400	12201	31392	88881	20323	7534	59752	22559
MEAN	111.8	123.7	137.3	128.7	371.3	393.4	1047	2866	677.4	243.1	1927	752.3
MAX	148	133	154	159	1330	1220	6480	17300	2170	745	5490	5190
MIN	100	113	112	99	85	196	182	581	204	101	273	126
AC-FT	6879	7365	8446	7920	20630	24200	62270	176300	40310	14940	118500	44750
CAL YEAR 2006	TOTAL		82789	MEAN	226.8	MAX	4860	MIN	22.0	AC-FT	164200	
WTR YEAR 2007	TOTAL		268474	MEAN	735.5	MAX	17300	MIN	85.0	AC-FT	532500	

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 up to June 1, fair for the rest of the year.

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 12,700 cubic feet per second August 1, gage height 15.80 feet; minimum daily discharge 7.8 cubic feet per second September 17.

DISCHARGE (CFS), WATER YEAR 2007

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	18	16	86	17	115	76	59	198	38	5720	484
2	12	17	16	63	17	115	46	55	48	35	3720	234
3	12	17	16	57	17	97	35	53	29	32	1270	137
4	13	16	16	45	17	65	28	49	23	34	769	93
5	12	16	16	35	17	67	26	734	22	38	506	69
6	12	15	16	24	17	62	25	1080	28	36	408	50
7	12	16	16	21	18	60	25	736	37	35	283	36
8	12	15	17	19	18	53	24	252	35	35	161	25
9	13	16	16	18	18	45	24	151	34	47	115	22
10	14	17	15	17	18	40	24	101	32	39	81	19
11	13	16	16	17	18	36	24	79	30	45	61	16
12	13	16	15	16	18	35	23	66	31	45	48	14
13	14	16	15	16	18	32	24	55	32	30	34	12
14	14	16	15	16	19	30	23	58	31	28	25	11
15	15	16	16	16	19	30	23	2190	51	32	22	11
16	14	16	15	16	20	29	23	588	36	24	22	9.1
17	14	15	15	16	19	27	23	183	29	21	23	7.8
18	15	16	15	16	19	27	23	97	35	23	19	69
19	15	15	16	16	74	26	23	70	33	23	16	446
20	16	16	19	17	496	25	22	61	26	24	12	83
21	16	15	17	16	444	24	22	45	26	27	38	44
22	16	15	17	16	342	25	23	39	26	26	74	28
23	16	16	16	16	236	23	23	33	26	26	316	20
24	17	15	16	16	283	23	35	339	26	22	527	15
25	17	16	17	16	219	22	893	307	45	25	265	390
26	18	15	17	16	137	21	277	147	46	30	166	180
27	16	16	17	16	118	22	167	84	40	32	100	90
28	17	15	17	16	109	21	91	56	35	34	67	63
29	17	16	17	16	---	20	73	35	34	256	1170	48
30	17	16	22	17	---	21	67	28	32	682	1060	36
31	18	---	141	18	---	122	---	39	---	719	809	---
TOTAL	454	476	631	726	2782	1360	2235	7869	1156	2543	17907	2761.9
MEAN	14.6	15.9	20.4	23.4	99.3	43.8	74.6	253.8	38.4	82.0	577.7	92.0
MAX	18	18	141	86	496	122	893	2190	198	719	5720	484
MIN	12	15	15	16	17	20	22	28	22	21	12	7.8
AC-FT	900	944	1252	1440	5518	2698	4433	15610	2293	5044	35520	5478
CAL YEAR 2006	TOTAL		16130	MEAN	44.2	MAX	1930	MIN	3.3	AC-FT	31990	
WTR YEAR 2007	TOTAL		40901	MEAN	112.1	MAX	5720	MIN	7.8	AC-FT	81130	